City Council Meeting
City of Greenacres, Florida
Monday, June 15, 2026 at 6:00 PM
City Hall Council Chambers | 5800 Melaleuca Lane

Agenda

Mayor and City Council
Chuck Shaw, Mayor
John Tharp, Deputy Mayor
Peter Noble, Councilmember District II
Judith Dugo, Councilmember, District III
Susy Diaz, Councilmember, District IV
Elisa Leheny, Councilmember, District V
Administration
Andrea McCue, City Manager
Christy Goddeau, City Attorney
Glen J. Torcivia, City Attorney
Quintella Moorer, City Clerk

Call to Order and Roll Call

Pledge of Allegiance

Agenda Approval

Comments From the Public for Agenda Items Only

Special Business

1. **Presentation:** 2026 Educational Scholarship Award Recipients. - Councilmember Susy Diaz, and Chair Cassisus Johnson, Education Committee.

Consent Agenda

2. **Official City Council Meeting Minutes:** City Council Meeting Minutes, June 1, 2026. - Quintella L. Moorer, City Clerk.

Regular Agenda

3. **Resolution 2026-24:** A request for a Major Site and Development Plan Amendment (SP-96-05D) and a Master Sign Plan (MSP-26-02) to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on an existing convenience store with fuel sales site. The site is located at the Southwest corner of 10th Avenue North and South Jog Road at 3067 South Jog Road. - Denise Malone, Development and Neighborhood Services Director.

4. **Resolution 2026-25:** A request for a Special Exception (SE-25-01) and a Major Site and Development Plan (SP-25-02) to allow for the construction of 3,018 square foot drive-through/fast food restaurant and associated site improvements; and a Planned Commercial Development Amendment (PCD-81-02N) to reflect the proposed changes to the Mil-Lake Plaza Planned Commercial Development (PCD). The site is located at the Northwest corner of South Military Trail and Lake Worth Road at 3969 South Military Trail. - Denise Malone, Development and Neighborhood Services Director.

5. **Resolution No. 2026-27:** Approving the Greenacres Parks and Recreation Master Plan; authorizing the appropriate City Officials to effectuate the plan and execute future park projects; and providing for an effective date. - Michele Thompson, Community and Recreation Services Director, Tricia Richter, Alexandra Bogenrief, and Hadley Peterson of Kimley-Horn.

Discussion Items - None.

Comments From the Public on Non-Agenda Items

City Manager's Report

6. Community Recreation Services Report.
7. Development and Neighborhood Services Report.
8. Economic Development Report.
9. Finance Report.
10. Fire Rescue Report.
11. Information Technology Report.
12. Palm Beach Sheriff's Office - District 16 Report.
13. Purchasing Report.
14. Youth Programs Report.

City Attorney's Report

Mayor and City Council Report

Adjournment

Future City Council Meetings

July 6, 2026.
July 20, 2026.

Meeting Records Request

Any person requesting the appeal of a decision of the City Council will require a verbatim record of the proceedings and for that purpose will need to ensure that such verbatim record is made. Pursuant to FS. 286.0105, the record must include the testimony and evidence upon which the appeal is to be based. The City of Greenacres does not prepare or provide such verbatim record.

Notice of Council Meetings and Agendas

The first and third Monday of each month are regular meeting dates for the City Council; special or workshop meetings may be called, whenever necessary. Council Agendas are posted on the City's website on the Friday prior to each Council meeting. A copy of the meeting audio and the complete agenda may be requested by sending an email or calling at 561-642-2006.

Americans with Disabilities Act

In accordance with the provisions of the Americans with Disabilities Act (ADA), this document can be made available in an alternate format upon request. Special accommodations can be provided upon request with 3 days advance notice of any meeting, by contacting City Clerk Quintella Moorer at Greenacres City Hall, 5800 Melaleuca Lane, Greenacres, Florida. Phone No. 561-642-2006. Hearing Assistance: If any person wishes to use a Listen Aid Hearing Device, please contact the City Clerk prior to any meeting held in the Council Chambers.

Item Summary

Meeting Date: June 15, 2026

From:

Subject: **Presentation:** 2026 Educational Scholarship Award Recipients. - Councilmember Susy Diaz, and Chair Cassisus Johnson, Education Committee.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. Ratification Memo 2026 Educational Scholarship Award Winners.docx.1

ITEM SUMMARY

MEETING DATE: May 4, 2026

FROM: Cassius Johnson, Education Advisory Committee Chair

THROUGH: Council Member Susy Diaz, Education Advisory Committee Representative

SUBJECT: 2026 Educational Scholarship Award Recipients

BACKGROUND

This year the city's Educational Scholarship Program provides for eleven (11) $1,500 scholarships, with one awarded to an outstanding athlete in honor of former city employee Denise Padgett, one awarded in memory of former Councilmember Norman Rose for civic and community service, and a STEM Scholarship award.

ANALYSIS

The Community & Recreation Services Department received 26 applications and 25 were qualified for interviews. The interviews were conducted in the City Council Chambers on Monday, April 27, 2026, by members of the Education Advisory Committee. The Committee interviewed 25 students. The committee ranked the following students as recipients for the top eleven (11) 2026 Educational Scholarship awards:

2026 Scholarship Awards	Applicant	School/College Affiliation
Denise Padgett Memorial Scholarship Award $1,500 Scholarship Award	Jenea Dieujuste	Saint Leo University
Norman Rose Memorial Scholarship Award $1,500 Scholarship Award	Daniel Exantus	Florida Atlantic University
New STEM Recipient $1,500 Scholarship Award	Shyla Grant	Florida Atlantic University
$1,500 Scholarship Award	Ivan Rosado	John I. Leonard High School
$1,500 Scholarship Award	Minooka Bureau	Florida international University
$1,500 Scholarship Award	James Rodriquez	John I. Leonard High School
$1,500 Scholarship Award	Phoebe Rhode Polonis	Palm Beach Virtual School
$1,500 Scholarship Award	Elaine Rodriquez	Florida International University
$1,500 Scholarship Award	Darnella Felix	Suncoast Community High School
$1,500 Scholarship Award	Abigail McFarlane	Palm Beach State College
$1,500 Scholarship Award	Katherine Castilo Rodriquez	John I. Leonard High School

FINANCIAL INFORMATION

Funding for the eleven (11) FY2026 scholarships totaling $16,500 was approved by City Council with four (4) scholarships totaling $6,000 budgeted in the Community & Recreation Services Department, six (6) scholarships totaling $9,000 budgeted in the Other Grant & Aids account, and the new STEM scholarship totaling $1,500 (received by private donation) is being funded out of the Escrow account.

LEGAL

N/A

STAFF RECOMMENDATION

Staff recommends the ratification of the Scholarship Committee's selected 11 educational scholarship recipients selected on Monday, April 27, 2026, as presented. Furthermore, the Award Certificates shall be presented to the recipients when they are recognized during the June 15th City Council meeting.

City Council Meeting
City of Greenacres, Florida
Monday, June 1, 2026 at 6:00 PM
City Hall Council Chambers | 5800 Melaleuca Lane

Minutes

Mayor and City Council
Chuck Shaw, Mayor
John Tharp, Deputy Mayor
Peter Noble, Councilmember District II
Judith Dugo, Councilmember, District III
Susy Diaz, Councilmember, District IV
Elisa Leheny, Councilmember, District V
Administration
Andrea McCue, City Manager
Christy Goddeau, City Attorney
Glen J. Torcivia, City Attorney
Quintella Moorer, City Clerk

Call to Order and Roll Call

Mayor Shaw called the meeting to order at 6:00 PM. Ms. Moorer called the roll. All Councilmembers were present.

Pledge of Allegiance

Agenda Approval

Motion made by Deputy Mayor Tharp, Seconded by Councilmember Diaz to approve the agenda.
Voting Yea: Deputy Mayor Tharp, Councilmember Noble, Councilmember Dugo, Councilmember Diaz, Councilmember Leheny.

Comments From the Public for Agenda Items Only

None.

Special Business - None.

Consent Agenda

1. **Official City Council Meeting Minutes:** City Council Meeting Minutes, May 18, 2026. - Quintella L. Moorer, City Clerk.

2. **Resolution 2026-23:** Authorizing the agreement granting the City of Greenacres the exclusive right and privilege to construct, own, maintain, and operate potable water and wastewater facilities at the Municipal Operations Center; authorizing the Mayor to execute the agreement and City Officials to effectuate implementation of the terms of the contract; and providing for an effective date. - Carlos Cedeno, Director of Public Works.

3. **Resolution 2026-26:** Authorizing Amendment 002 of the Fiscal Year 2024-2025 Community Development Block Grant (CDBG) Agreement R2024-1409 for Phase III Original Section Sewer Project; and providing for an effective date. - Carlos Cedeno, Director of Public Works.

4. **Resolution 2026-28:** Approving the increase to Purchase Order No. 26-161 with C.A.P. Government, Inc. for building inspection services in the amount of $90,000, for a revised total Purchase Order amount not to exceed $190,000, utilizing the City of Delray Beach ITB No. 2024-041.- Monica Powery, Director of Purchasing.

   Motion made by Councilmember Dugo, Seconded by Councilmember Noble to approve the Consent Agenda.
   Voting Yea: Deputy Mayor Tharp, Councilmember Noble, Councilmember Dugo, Councilmember Diaz, Councilmember Leheny.

Regular Agenda - None.

Discussion Items

5. Property Tax. - Andrea McCue, City Manager.

Ms. McCue highlighted some points from the Property Tax legislative item. She presented a PowerPoint with assessment thresholds and proposed timeframes. She listed some restrictions on the use of the Ad-Valorum Tax Revenue.

Ms. McCue mentioned some local impacts, such as local revenue growth, limitations on homestead and non-homestead tax revenue and potential pressure on general and administrative operations.

Ms. McCue mentioned there were various amendments that were being considered, some passed and some failed during the session today.

She continued to highlight impact statistics from 195 cities in Florida; some would lose over twenty percent of taxable value. She continued to mention Greenacres' direct impact of 28.10 percent on total value, and an 86.10 percent impact on homestead.

The City would need to recoup revenue at 9.0440 mills; our current millage rate was 6.3000 mills.

Mr. Austin Lee, Director of Communications and Governmental Affairs, mentioned the process of the bill with an effective date of 2027.

Councilmember Dugo questioned who made the decision about core services. Ms. McCue replied to the Council/Legislative.

Councilmember Noble questioned the total Ad-Valorem revenue and total operating cost. Ms. McCue provided some details.

Councilmember Diaz questioned if the current budget had been signed by the Governor and it was not. She also asked if obtaining a loan would be impactful. She replied yes. Finally, Councilmember Daiz questioned the impact of businesses. She suggested informing the residents with all the details.

Ms. McCue recommended everyone to review the City's website to review the Florida League of Cities Property Tax Tool Kit for education.

Councilmember Diaz questioned possible delays in services in the City.

Mayor Shaw asked what the impact would be of bond ratings and special taxing districts. Ms. McCue replied that the reduction of revenue would have the highest impact.

Ms. McCue highlighted Fire Rescue budget estimates and questioned if the Council would consider reviewing a Fire Assessment. She mentioned reviewing the data and numbers, keeping in mind the City was one of the few cities which does not have a Fire Assessment. She asked the Council for direction regarding moving forward with the option creating a fire assessment fee for residents.

Deputy Mayor Tharp, Councilmembers Noble, Leheny, Dugo and Diaz agreed to move forward with gathering data and information for a possible fire assessment in the City.

Comments From the Public on Non-Agenda Items

Ms. Emily Jacob-Robarts felt the Property Tax bill was ill-advised and non-equitable. She opposed the tax bill.

City Manager's Report

Ms. McCue mentioned the RFP for the Economic Master Plan was released, the City was well represented and she was excited about the project. She thanked everyone involved with the City's Birthday Bash and she reminded everyone about the upcoming July 4 event.

Mayor and City Council Report

All the Council praised the City's Birthday Bash event.

Councilmember Diaz - added the MPO Meeting update discussion relating to Palm Tran's possible reduction from the County's cut. She also added school lunches would be cut during the summer, but thankfully Greenacres would not be impacted and a gentle reminder to be safe on the roads during the summer.

Councilmember Dugo; added the great job the Passport office was doing.

Mayor Shaw; added his congrats to Councilmember Diaz on becoming the incoming VP of the League of Cities and complemented the Town of Jupiter on their new Firefighters.

Adjournment
7:00PM

_____
Chuck Shaw
Mayor

_____
Quintella Moorer, MMC
City Clerk

Date Approved: _____

Item Summary

Meeting Date: June 15, 2026

From: Denise Malone, Director

Subject: **Resolution 2026-24:** A request for a Major Site and Development Plan Amendment (SP-96-05D) and a Master Sign Plan (MSP-26-02) to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on an existing convenience store with fuel sales site. The site is located at the Southwest corner of 10th Avenue North and South Jog Road at 3067 South Jog Road. - Denise Malone, Development and Neighborhood Services Director.

Background

Jeff H. Iravani, P.E., agent for the owner, M & A Brothers Realty No 3 Inc is requesting a Major Site and Development Plan Amendment including a Master Sign Plan to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on the existing site including a Shell convenience store with fuel sales. The site is located on the Southwest corner of 10th Avenue North and South Jog Road at 3067 S. Jog Road.

The Development Review Committee has reviewed this proposal and recommended approval, followed by the Planning and Zoning Board, which recommended approval by a vote of 4-0 at their meeting on May 14, 2026.

Analysis

The request for approval of the Major Site and Development Plan Amendment (SP-96-05D) and Master Sign Plan (MSP-26-02) would allow construction of a new 6,000-square-foot office/retail building with a 786-square-foot mezzanine for office/retail, for a total proposed new 6,786 square foot building. The existing convenience store with fuel sales, associated fuel canopy, and car wash will remain.

The proposed amendment includes revisions to the site's parking, circulation, lighting, landscaping, and signage. The amended Site Plan provides 40 total parking spaces, including 3 ADA parking spaces. The site keeps the 2 existing ingress and egress

points, one on 10th Avenue North and one on South Jog Road. The plan introduces a cross-access connection to the commercial property to the south, and supports interconnectivity between adjacent properties.

The proposal has satisfied the Major Site and Development Plan requirements and Staff's findings are indicated in the staff report with thirty-four conditions of approval.

Financial Information

Prior to the issuance of any Building Permits, the applicant will be required to pay all applicable impact fees including amounts due under the City's Arts in Public Places (AIPP) Program.

Legal

Resolution 2026-24 was prepared in accordance with all applicable State Statutes and City Code requirements. The document has been reviewed for legal sufficiency.

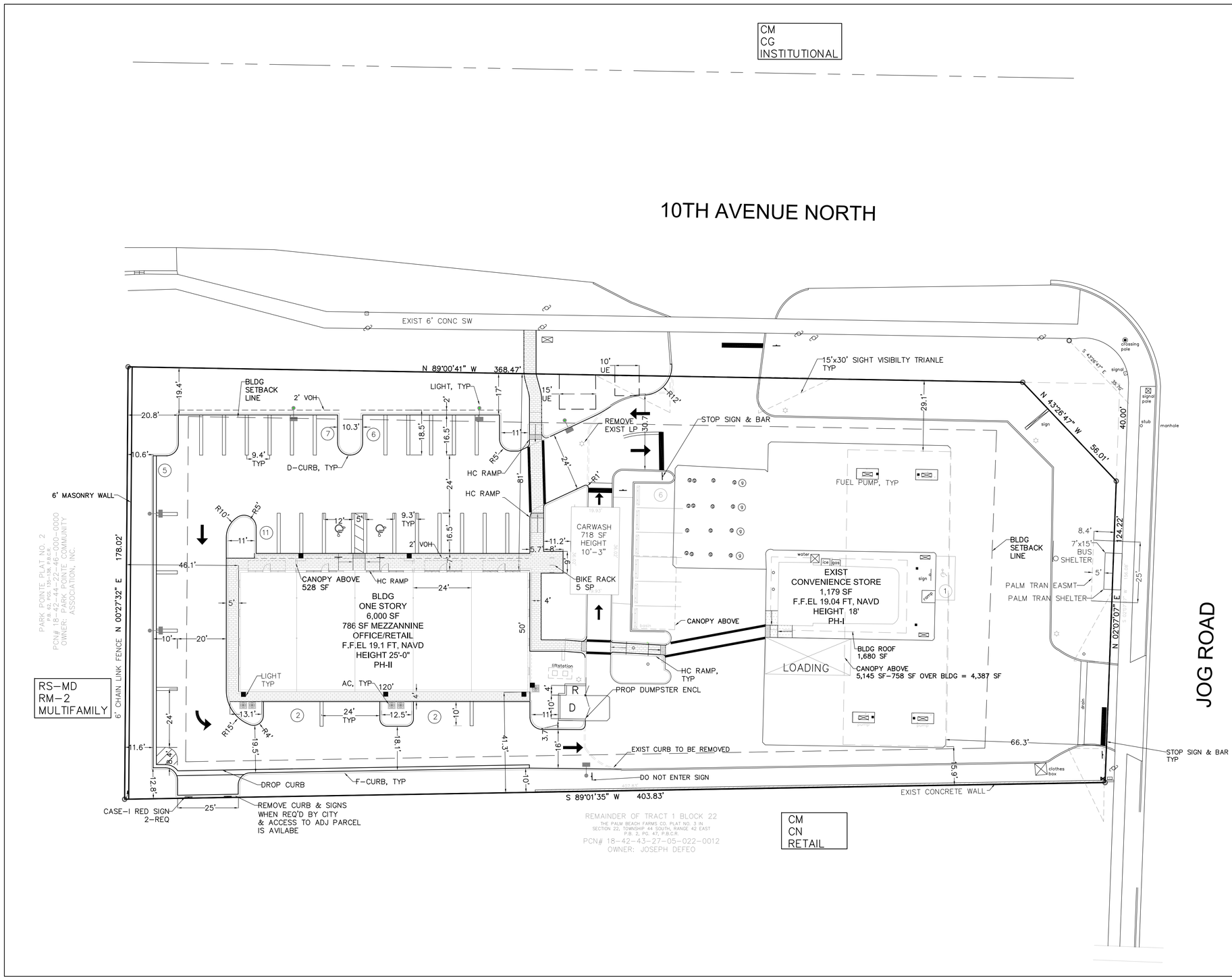
Staff Recommendation

Approval of SP-96-05D and MSP-26-02 through the adoption of Resolution 2026-24.

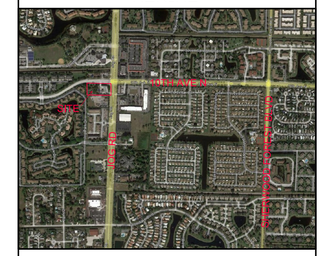
Attachments:

1. CC Plans
2. 3067 S Jog Rd SP & MSP Staff Report
3. Resolution 2026-24


TENANT SIGN
TENANT SIGN
3067
TENANT SIGN
TENANT SIGN



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

SITE DATA

PCN NUMBER:	18-42-43-27-05-022-0013		
PROPOSED USE	RETAIL / OFFICE		
FUTURE LAND USE	CM		
ZONING	CG		
LOT AREA	68,669 SF	1.58 AC	100%
PH-I	38,890 SF	0.90 AC	
PH-II	29,779 SF	0.68 AC	
BLDG AREA	7,915 SF		11.5%
PH-I	1,915 SF		
PH-II	6,000 SF		
BLDG LOT COVERAGE	13,313 SF	0.31 AC	19.6%
BLDG COVER MAX ALLOWED			30.0%
PH-I	6,785 SF		
PH-II	6,528 SF		
IMPERVIOUS AREA	37,380 SF	0.86 AC	54.4%
PH-I	21,579 SF		
PH-II	15,801 SF		
LANDSCAPE AREA	17,976 SF	0.41 AC	26.0%
PH-I	10,526 SF		
PH-II	7,450 SF		
TOTAL FLOOR AREA	7,965 SF		11.6%
FLOOR AREA MAX ALLOWED			35.0%
EXCLUDES CARWASH			

BLDG HEIGHT OFFICE	25 FT
BLDG HEIGHT CONV STORE	18 FT
BLDG HEIGHT CARWASH	10.3' FT
BLDG HEIGHT MAX ALLOWED	35 FT

PARKING REQ	37 SP
RETAIL 7,965 SF @ 1/200 SF	40 SP
PARKING PROP	40 SP
HANDICAP REQ	2 SP
HANDICAP PROP	3 SP
LOADING SPACE REQ	1 SP
LOADING SPACE PROP	1 SP

	REQ'D	PROP
BUILDING FRONT SETBACK	50 FT	66.3 FT
SIDE INETRIOR SETBACK	15 FT	15.9 FT
SIDE CORNER SETBACK	20 FT	66.3 FT
REAR SETBACK	25 FT	40 FT
LOT AREA	1 AC MIN	1.58 AC
LOT WIDTH	150 FT MIN	164 FT
USERS	6	
EMPLOYEES (EST)	16	

NOTES:
1. DRIANAGE SYSTEM CONSISTS OF EXISTING & PROPOSED UNDERGROUND EXFILTRATION TRENCHES
2. BUILDING LOT COVERAGE INCLUDES CANOPIES.
3. SITE IMPERVIOUS EXCLUDES BUILDING COVERAGE
4. SCHEDULED DELIVERY HOUIRS WILL NOT INTERFER / CONFLICT W/ SANITATION VEHICLES ENTERING THE SITE.
5. HOURS OF OPERATION
   OFFICE 7AM- 7PM
   GAS/CONV STORE 6AM-12AM

REVISIONS

03/26/2024 REV/CITY
07/23/2024 REV
03/17/2025 REV/CITY
05/20/2025 REV/CITY
12/05/2025 REV/CITY
01/05/2026 REV/CITY
04/03/2026 REV/CITY

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
FAX: (561) 575-6088
WEBSITE: www.JHIinc.com
EMAIL: JHI@bellsouth.net

Greenacres Shell & Offices
3067 Jog Road
GREENACRES, FLORIDA

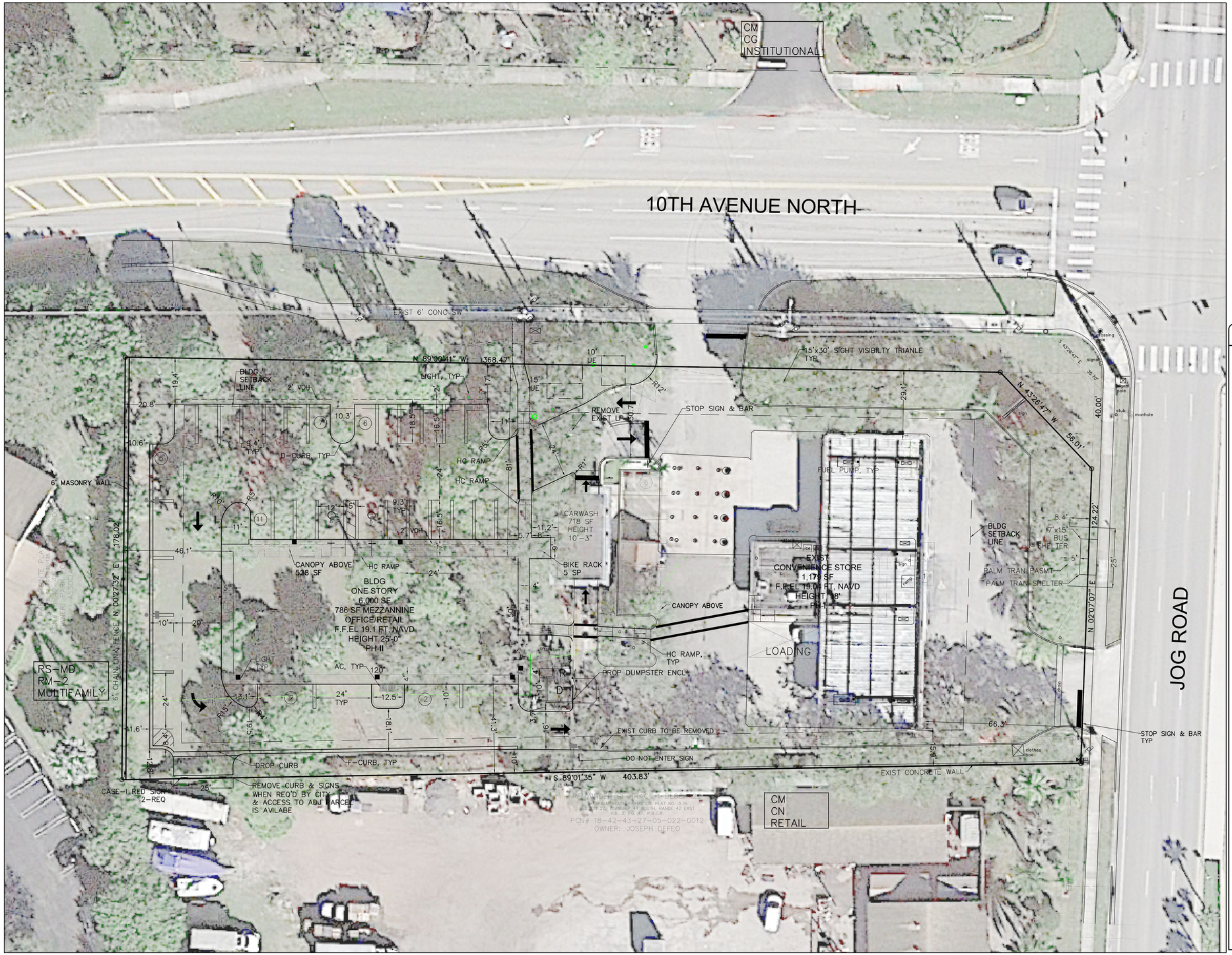
Site Plan

JOB NO.	1805-1259
DRAWN BY	CLJ
DESIGNED BY	JHI
SCALE	1"=20'
DATE	12-17-21

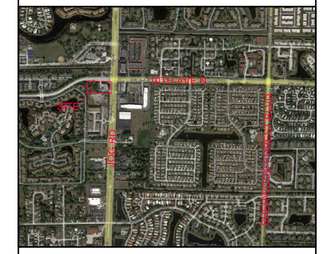
SEAL

FR # 6986

SP-1



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

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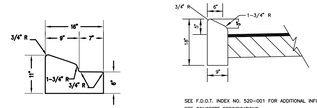
Aerial Site Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12-17-21	1"=20'	JHI	CLJ	1805-1259

SEAL

FR # 6986

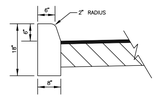
SP-2



A–CURB

SEE F.D.O.T. INDEX NO. 520-001 FOR ADDITIONAL INFORMATION.
SEE CONCRETE SPECIFICATIONS.
CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.

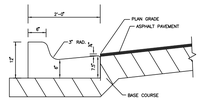
B–CURB



NOTES:
1. SEE F.D.O.T. INDEX NO. 300 FOR ADDITIONAL INFORMATION.
2. SEE CONCRETE SPECIFICATIONS.
3. CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
4. SAWCUTS TO BE MADE AT 10' O.C. THROUGHOUT CURB CONST.

D–CURB

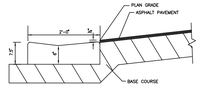
NOT TO SCALE



NOTE:
1. INSTALL CURB IN ACCORDANCE WITH F.D.O.T. INDEX NO. 300
2. CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
3. BASE MATERIAL TO EXTEND 6" BELOW AND 6" BEYOND CURB.

F–CURB

NOT TO SCALE

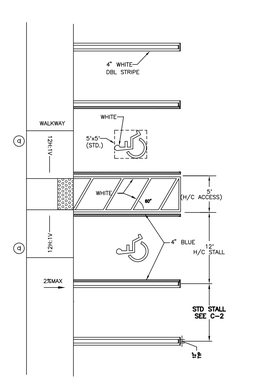


NOTE:
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2. CURB TO BE IN PLACE PRIOR TO SURFACE COURSE BEING PLACED.
3. BASE MATERIAL TO EXTEND 6" BELOW AND 6" BEYOND CURB.

DROP CURB(VALLEY GUTTER)

NOT TO SCALE

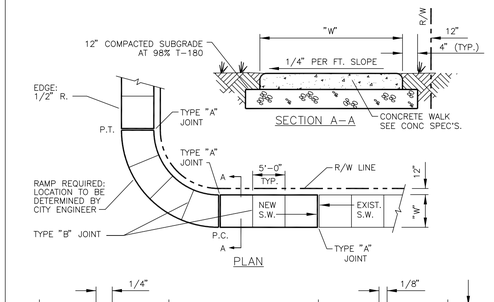
CURB DETAILS



1. ACCESSIBILITY TO & WITHIN BUILDINGS, INCLUDING THE PLACEMENT OF RAMPS & DETECTABLE WARNINGS SHALL CONFORM TO THE 2010 US DOJ 28CFR PART 36 "STD'S FOR ACCESSIBLE DESIGN" & FBC CHAPTER-11

2. PAINT SHALL BE APPLIED AT A RATE THICK ENOUGH TO PROVIDE SOLID WHITE/BLUE/BLACK LINES WITH NO LIGHT SPOTS OR PAINT SKIPS (15 MILS MIN.).

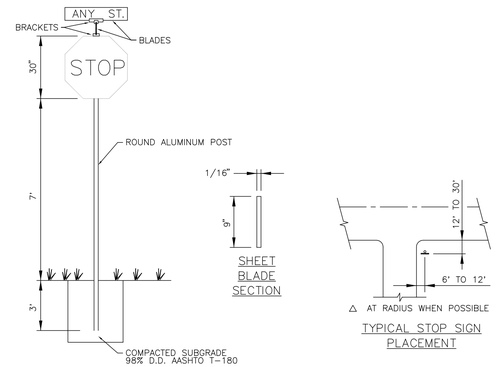
PARKING STALLS DETAILS



SIDEWALK JOINT

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
"A"	P.C. AND P.T. OF CURVES, JUNCTION OF EXISTING & NEW SIDEWALKS & EVERY 30'.
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS SCORED DURING PLACEMENT OR SAWCUT WITHIN 24 HOURS OF PLACEMENT
"A"	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES

SIDEWALK CONSTRUCTION DETAIL



GENERAL SPECIFICATIONS

FLAT BLADE: ALCOA #86054.6063-T6 ALLOY ETCHED, DEGREASED WITH #1200 ALODINE FINISH WITH #2277 GREEN SCOTCHLITE BACKGRAOUND OR EQUAL DIMENSIONS – 9" & 12" MIN H., 24",30" OR 36" L.
LETTER: NAME – 6" & 9" SERIES 'B' #2270 SCOTCHLITE (SILVER) OR EQUAL – SUFFIX – 4.5" SERIES AS ABOVE.
BRACKETS: SEE DETAILS
POST: ALUMINUM ROUND POST
STOP SIGN: R1-1 MUTCD – 30"x30" (DIAMOND GRADE)
LOCATION: ONE PER INTERSECTION AS INDICATED ON THE PLANS.
POLICY: 9" BLADE WITH 6" LETTERS FOR TWO LANE ROADS WITH A SPEED LIMIT UNDER 45 MPH.
12" BLADES WITH 9" LETTERS:
-THOROUGHFARE ROADS FOUR LANES OR WIDER
-TWO LANE ROADS WITH A POSTED SPEED LIMIT 45 MPH OR MORE.

STREET SIGN/STOP SIGN DETAIL

REVISIONS

03-27-25 REV PER CITY

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
FAX: (561) 575-6088
EMAIL: jhi@bellsouth.net
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Greenacres Shell & Offices
3067 Jog Road
Greenacres, Florida

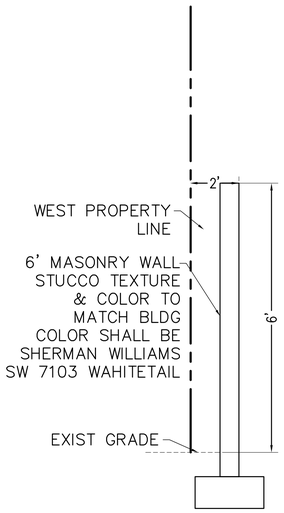
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12/17/2021	NTS	JBI	JBI	1805-1259

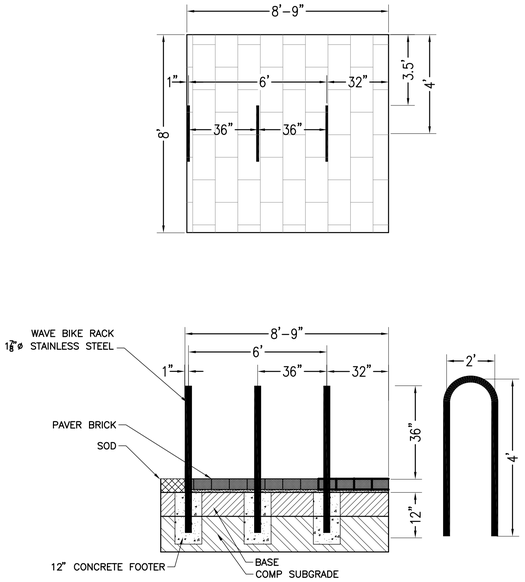
SEAL

FR # 6986

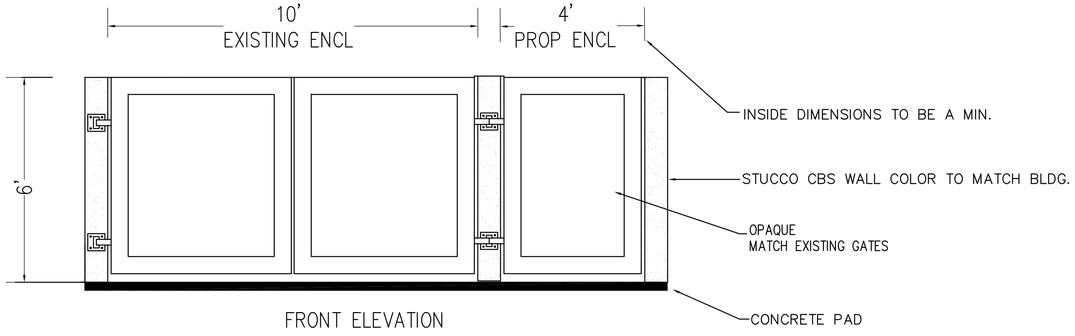
SHEET NO.
SP-3



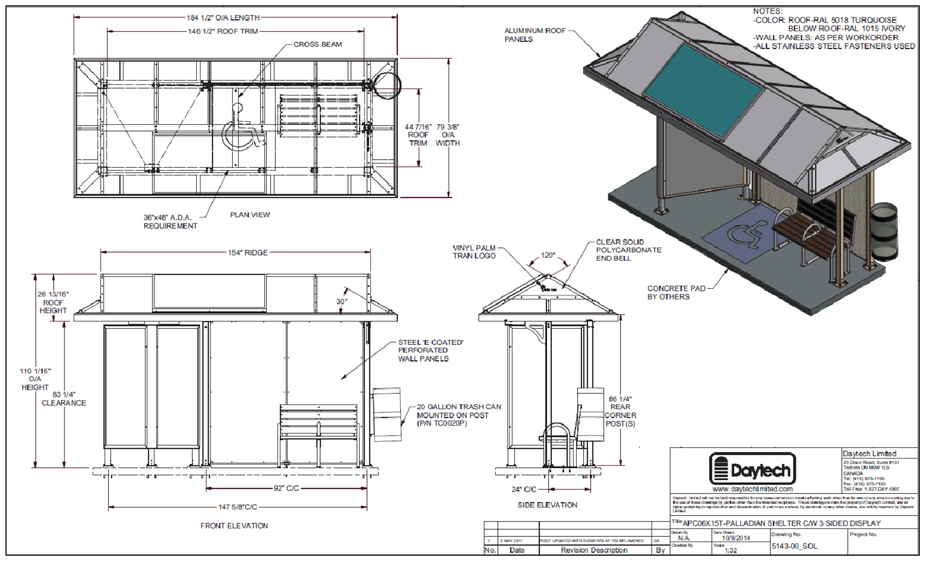
WALL DETAIL



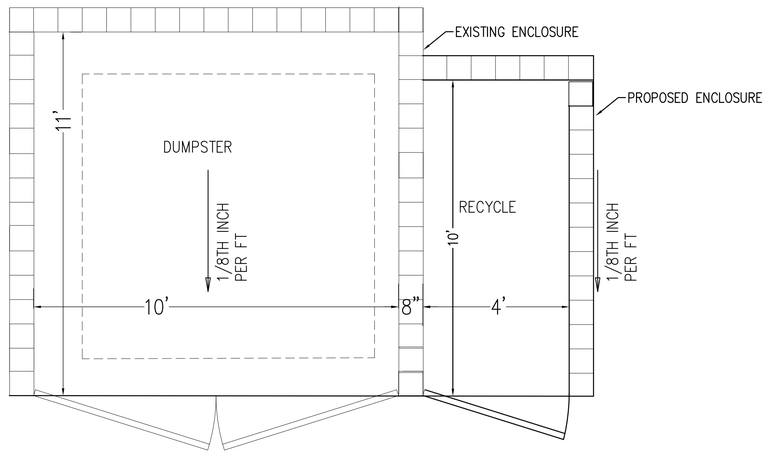
BIKE RACK DETAIL
5 BIKE



FRONT ELEVATION



PALM TRAN BUS SHELTER DETAIL



PLAN VIEW

DUMPSTER ENCLOSURE DETAIL

REVISIONS

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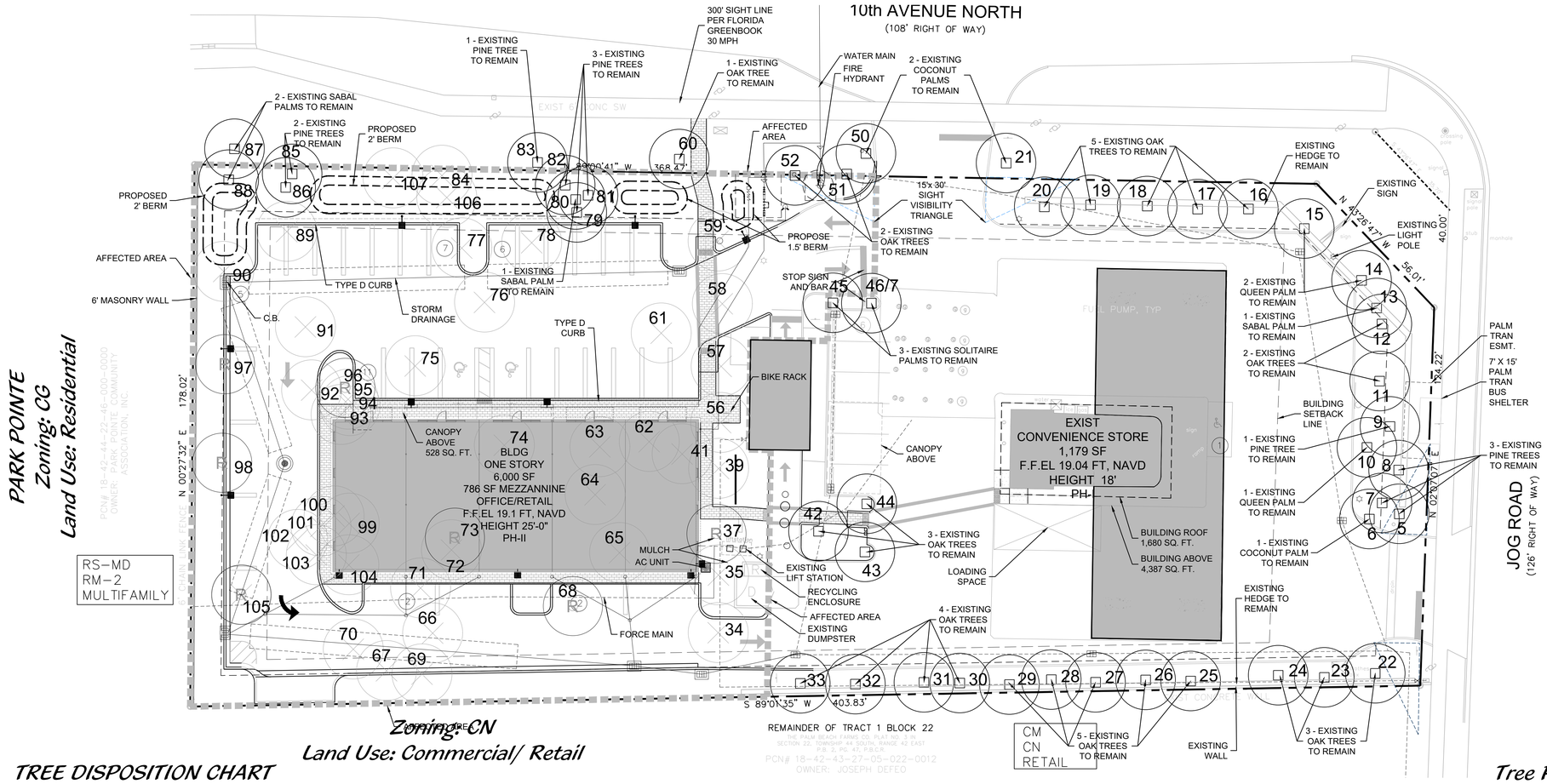
Details

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/17/2021	NTS	JBI	JBI	1805-1259

SEAL

FR # 6986

SHEET NO.
SP-4



LOCATION MAP



TREE DISPOSITION CHART

TREE NO.	CALIPER (IN.)	BOTANICAL NAME	COMMON NAME	DISPOSITION	NOTES	REMOVED TREES (DEBITS)	REMOVED PALMS (DEBITS)	REMOVED INVASIVES	TREES TO REMAIN OR RELOCATE (CREDITS PER DIAMETER)	PALMS TO REMAIN OR RELOCATE (1 CREDIT EACH)
5	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
6	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
7	6"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
8	16"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
9	9"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
10	12"	SYAGRUS ROMANZOFFIANA	QUEEN PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
11	13"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
12	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
13	12"	SABAL PALMETTO	SABAL PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
14	12"	SYAGRUS ROMANZOFFIANA	QUEEN PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
15	10"	SYAGRUS ROMANZOFFIANA	QUEEN PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
16	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
17	15"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
18	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
19	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
20	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
21	12"	COCOS NUCIFERA SPP	COCONUT PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
22	20"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
23	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
24	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
25	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
26	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
27	8"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
28	8"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
29	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
30	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
31	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
32	18"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
33	24"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
34	16"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
35	12"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
37	6"	QUERCUS SP.	OAK TREE	RELOCATE	WITHIN AFFECTED AREA				1	
39	12"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
41	16"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
42	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
43	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
44	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
45	5"	PYTCHOSPERMA ELEGANS	SOLITAIRE PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
46	5"	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
47	6"	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
50	12"	COCOS NUCIFERA SPP	COCONUT PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
51	12"	QUERCUS SP.	OAK TREE	REMAIN	WITHIN AFFECTED AREA				2	
52	16"	QUERCUS SP.	OAK TREE	REMAIN	WITHIN AFFECTED AREA				3	
56	12"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
57	14"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
58	18"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
59	24"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
60	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
61	30"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
62	8"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
63	12"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
64	12"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
65	24"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
66	16"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
67	16"	COCOS NUCIFERA SPP	COCONUT PALM	REMOVE	WITHIN AFFECTED AREA		1			
68	5"	QUERCUS SP.	OAK TREE	RELOCATE	WITHIN AFFECTED AREA				1	
69	16"	COCOS NUCIFERA SPP	COCONUT PALM	REMOVE	WITHIN AFFECTED AREA		1			
70	16"	COCOS NUCIFERA SPP	COCONUT PALM	REMOVE	WITHIN AFFECTED AREA		1			
71	16"	COCOS NUCIFERA SPP	COCONUT PALM	REMOVE	WITHIN AFFECTED AREA		1			
72	16"	COCOS NUCIFERA SPP	COCONUT PALM	REMOVE	WITHIN AFFECTED AREA		1			
73	8"	QUERCUS SP.	OAK TREE	RELOCATE	WITHIN AFFECTED AREA				2	
74	16"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
75	17"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
76	12"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
77	16"	SWIETENIA MAHOGANI	MAHOGANY TREE	REMOVE	WITHIN AFFECTED AREA	1				
78	12"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
79	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA				2	
80	16"	SABAL PALMETTO	SABAL PALM	REMAIN	WITHIN AFFECTED AREA					1
81	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA				2	
82	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA				2	
83	16"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA				N/A	
84	CLUSTER	SERENOA REPENS	SAW PALMETTO	REMOVE	WITHIN AFFECTED AREA		1			
85	8"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA				2	
86	17"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA				3	
87	12"	SABAL PALMETTO	SABAL PALM	REMAIN	OUTSIDE AFFECTED AREA					N/A
88	12"	SABAL PALMETTO	SABAL PALM	REMAIN	WITHIN AFFECTED AREA					1
89	16"	QUERCUS SP.	OAK TREE	REMOVE	WITHIN AFFECTED AREA	1				
90	12"	QUERCUS SP.	OAK TREE	RELOCATE	WITHIN AFFECTED AREA				2	
91	12"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
92	12"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
93	5"	MALELEUCA	MALELEUCA	REMOVE	INVASIVE EXOTIC			1		
94	12"	PINUS ELLIOTTII	SLASH PINE	REMOVE	WITHIN AFFECTED AREA	1				
95	5"	MALELEUCA	MALELEUCA	REMOVE	INVASIVE EXOTIC			1		
96	12"	SABAL PALMETTO	SABAL PALM	RELOCATE	WITHIN AFFECTED AREA					1
97	12"	SABAL PALMETTO	SABAL PALM	RELOCATE	WITHIN AFFECTED AREA					1
98	18"	SABAL PALMETTO	SABAL PALM	RELOCATE	WITHIN AFFECTED AREA					1
99	5"	SCHEFFLERA SPP	UMBRELLA TREE	REMOVE	INVASIVE EXOTIC			1		
100	5"	SCHEFFLERA SPP	UMBRELLA TREE	REMOVE	INVASIVE EXOTIC			1		
101	5"	SCHEFFLERA SPP	UMBRELLA TREE	REMOVE	INVASIVE EXOTIC			1		
102	6"	PHOENIX ROEBELENII	PYGMY DATE	REMOVE	WITHIN AFFECTED AREA		1			
103	6"	PHOENIX ROEBELENII	PYGMY DATE	REMOVE	WITHIN AFFECTED AREA		1			
104	6"	PHOENIX ROEBELENII	PYGMY DATE	REMOVE	WITHIN AFFECTED AREA		1			
105	12"	SABAL PALMETTO	SABAL PALM	RELOCATE	WITHIN AFFECTED AREA					1
106	5"	SCHEFFLERA SPP	UMBRELLA TREE	REMOVE	INVASIVE EXOTIC			1		
107	5"	SCHEFFLERA SPP	UMBRELLA TREE	REMOVE	INVASIVE EXOTIC			1		
					TOTALS	23	5	7	22	6

NOTES:

1.) EACH TREE REMOVED MUST BE REPLACED WITH A NEW TREE THAT MEETS CURRENT CITY CODE REQUIREMENTS IF REMOVAL REDUCES THE NUMBER OF TREES ON THE LOT BELOW CODE MINIMUM FOR QUANTITY. REPLACEMENT SHALL BE ON THE AFFECTED LOT.

2.) TREES WITH A TRUNK LESS THAN ONE (1) INCH IN DIAMETER, MEASURE AT A POINT WHICH IS AT LEAST FOUR AND ONE-HALF (4 1/2) FEET ABOVE FINISHED GRADE, MAY BE REMOVED WITHOUT A PERMIT.

3.) ONE (1) TREE CREDIT SHALL BE GRANTED FOR THE RELOCATION OF EACH NATIVE, DROUGHT TOLERANT TREE SPECIES WITH A SIX (6) INCH DIMATER OR LESS AT A POINT THAT IS AT LEAST FOUR AND ONE-HALF (4 1/2) FEET ABOVE GRADE.

4.) CREDIT FOR PERSERVED PLANT MATERIAL:

CROWN SPREAD DIAMETER OF TREE	TREE CREDITS[2]
90 FT. OR GREATER IN. OR GREATER	7
60 TO 89 FT.	30 TO 35 IN. 6
50 TO 59 FT.	26 TO 29 IN. 5
40 TO 49 FT.	20 TO 25 IN. 4
30 TO 39 FT.	13 TO 19 IN. 3
20 TO 29 FT.	8 TO 12 IN. 2
10 TO 19 FT.	2 TO 7 IN. 1
LESS THAN 10 FT.	LESS THAN 2 IN. 0

[1] MEASUREMENTS TAKEN AT 4 1/2 FEET ABOVE NATURAL GRADE.
[2] ONE (1) CREDIT CORRESPONDS TO ONE (1) TREE AS REQUIRED PER THE PROVISIONS OF THIS CODE

Tree Preservation Note

CONTRACTOR SHALL MEET WITH THE LANDSCAPE ARCHITECT OF RECORD, ON SITE, PRIOR TO ANY TREE REMOVAL TO TAG TREES FOR PRESERVATION AND RELOCATION.

DEBITS / CREDITS CALC.

TOTAL DEBITS =	**28**
TOTAL CREDITS =	**28**
REPLACEMENTS REQUIRED = (CREDITS EXCEED DEBITS)	**0**
REMAINING CREDITS =	**0**

Tree Disposition Plan

Cotleur & Hearing
Landscape Architects
Land Planners
Environmental Consultants
1934 Commerce Lane
Suite 1
Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

Greenacres Shell & Offices
Tree Disposition Plan
Greenacres, Florida

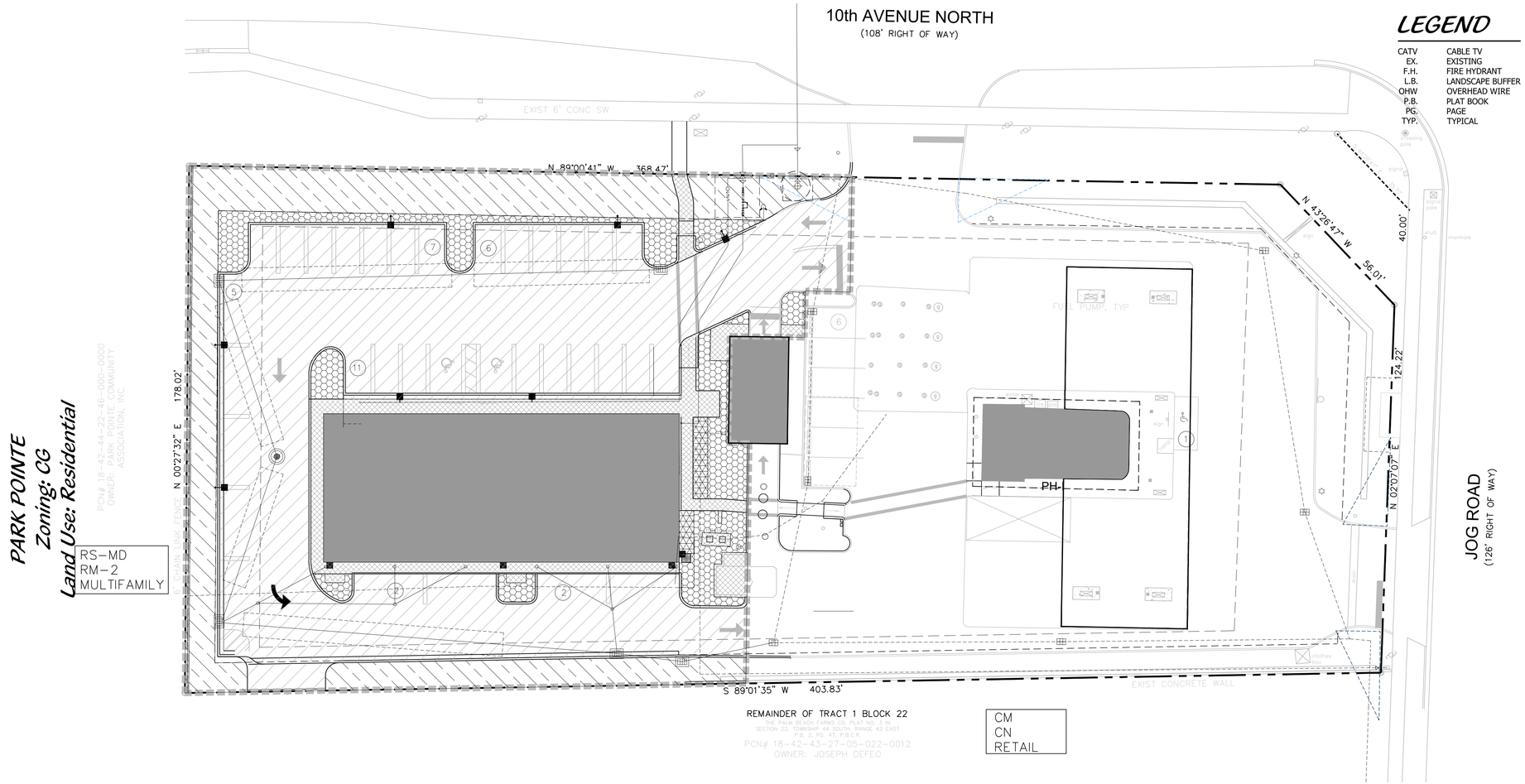
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0' 20' 40' 80'

DESIGNED	GB
DRAWN	GB
APPROVED	DEH
JOB NUMBER	18-0713
DATE	12-21-23
REVISIONS	07-30-24
	04-20-26 12-16-24
	06-05-26 07-11-25
	08-15-25
	01-05-26

June 06, 2026 2:11:28 p.m.
Drawing: 18-0713-LP.DWG

SHEET LP-1 OF LP-5

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LEGEND

CATV	CABLE TV
EX.	EXISTING
F.H.	FIRE HYDRANT
L.B.	LANDSCAPE BUFFER
OHW	OVERHEAD WIRE
P.B.	PLAT BOOK
PG.	PAGE
TYP.	TYPICAL

LOCATION MAP



LAND-USE LEGEND

- BUILDING AREA
- VEHICULAR USE AREA
- SIDEWALK AREA
- BUFFER AREA
- INTERIOR OPEN SPACE
- FOUNDATION AREA

Land-use Exhibit

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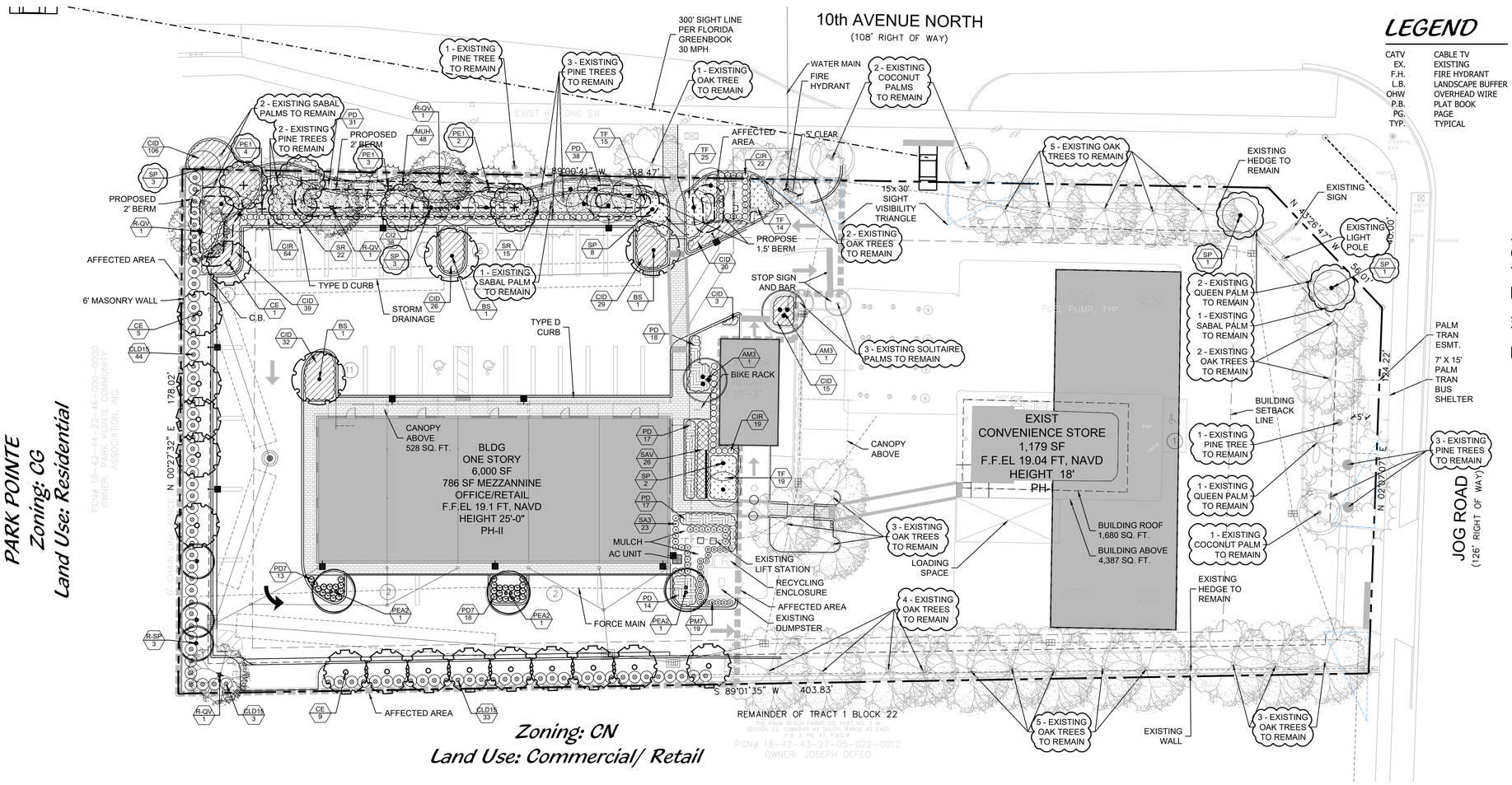
Scale: 1" = 20'
0' 10' 20' 40'

DESIGNED	GB
DRAWN	GB
APPROVED	DEH
JOB NUMBER	18-0713
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	08-15-25
	01-05-26

June 06, 2026 2:11:28 p.m.
Drawing: 18-0713-LP.DWG

SHEET LP-2 OF LP-5

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LEGEND

CATV	CABLE TV
EX.	EXISTING
F.H.	FIRE HYDRANT
L.B.	LANDSCAPE BUFFER
OHW	OVERHEAD WIRE
P.B.	PLAT BOOK
PG.	PAGE
TYP.	TYPICAL

LOCATION MAP



Tree Preservation Note

CONTRACTOR SHALL MEET WITH THE LANDSCAPE ARCHITECT OF RECORD, ON SITE, PRIOR TO ANY TREE REMOVAL TO TAG TREES FOR PRESERVATION AND RELOCATION.

LANDSCAPE DATA

LANDSCAPE DATA				
NAME OF PROJECT	GREENACRES SUNOCO			
PROPERTY CONTROL NUMBERS	18-42-43-27-05-022-0013			
FEMA FLOOD ZONE	X			
EXISTING/PROPOSED LAND USE DESIGNATION	CM - COMMERCIAL			
EXISTING/PROPOSED ZONING DISTRICT	CG - COMMERCIAL GENERAL			
MAXIMUM BUILDING HEIGHT	35 FT.			
PROPOSED BUILDING HEIGHT	28 FT.			
NUMBER OF STORIES	1			
NUMBER OF BUILDINGS	1			
SITE AREA	**68,688.55**	**SQ. FT.**	**1.58**	**AC.**
PHASE 1: GAS STATION	34,181.64	SQ. FT.	0.785	AC.
PHASE 2: OFFICE BUILDING (AFFECTED AREA)	34,506.91	SQ. FT.	0.792	AC.

LAND USE (PHASE 2: AFFECTED AREA)	SQ. FT.	AC.	%
BUILDING LOT COVERAGE	6,017.72	0.14	17.44%
VEHICULAR USE AREA	17,386.35	0.40	50.39%
SIDEWALK AND HARDSCAPE	2,411.74	0.06	6.99%
OPEN SPACE	8,691.10	0.20	25.19%
TOTAL SITE AREA	**34,506.91**	**0.79**	**100.00%**

OPEN SPACE AREA	MINIMUM	PROPOSED
	20%	25.19%

LOT COVERAGE (AFFECTED AREA ONLY)			
IMPERVIOUS AREA	**SQ. FT.**	**AC.**	**%**
BUILDING LOT COVERAGE	6,017.72	0.14	17.44%
VEHICULAR USE AREA	17,386.35	0.40	50.39%
SIDEWALK AND HARDSCAPE	2,411.74	0.06	6.99%
TOTAL IMPERVIOUS AREA	**25,815.81**	**0.59**	**74.81%**
PERVIOUS AREA	**SQ. FT.**	**AC.**	**%**
BUFFER AREA	6,029.20	0.14	17.47%
INTERIOR LANDSCAPE AREA	2,376.25	0.05	6.89%
REMAINING OPEN SPACE (FOUNDATION PLANTING AREA)	285.65	0.01	0.83%
TOTAL PERVIOUS AREA	**8,691.10**	**0.20**	**25.19%**
TOTAL SITE AREA	**34,506.91**	**0.79**	**100.00%**

LANDSCAPE BUFFER REQ. (WITHIN AFFECTED AREA)	REQUIRED	PROPOSED
223.84 L.F. NORTH (BUFFER TYPE A -2, ADJ. TO MAJOR ROADWAY)	**15'**	**15'**
1 TREE PER EA. 25'	**9**	**9**
CANOPY TREES (EX. PE & R-QV)		8
3:1 PALM GROUPINGS (SP)		1
PERCENTAGE PALMS	MAX 30%	11.11%
CONTINUOUS 24" TALL HEDGE		
189.41 L.F. SOUTH (BUFFER TYPE C, ADJ. TO COMMERCIAL)	**10'**	**10'**
1 TREE PER EA. 25'	**8**	**8**
CANOPY TREES (CES)		8
CONTINUOUS 24" TALL HEDGE		
178.02 L.F. WEST (BUFFER TYPE D, ADJ. TO RESIDENTIAL)	**10'**	**10'**
1 TREE PER EA. 25'	**8**	**8**
CANOPY TREES (CES, EX. PE & R-QV)		7
3:1 PALM GROUPINGS (EX. SP & SP)		1
PERCENTAGE PALMS	MAX 30%	12.50%
CONTINUOUS 24" TALL HEDGE		

INTERIOR LANDSCAPE REQUIREMENTS	REQUIRED	PROPOSED	
MIN. 10% VEHICULAR USE AREA SHALL BE INTERIOR LANDSCAPE AREA	1,738.64	2,376.25	SQ. FT.
	10.00%	13.67%	
1 TREE PER EA. 100 SQ. FT.	18	SEE BELOW	
MIN. 5% OF INTERIOR LANDSCAPE AREA SHALL BE FOUNDATION PLANTING	87	228.61	SQ. FT.
	5%	13.15%	
TOTAL TREES	**18**	21	
CANOPY TREES (BS, CES, EX. PE, PE & R-QV)		15	
3:1 PALMS (AM, EX. SP, SP & R-SP)		6	

PLANT LIST

CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	CALIPER	SIZE	NATIVE	REMARKS
TREES								
BS	3	BURSERA SIMARUBA FULL CANOPY, FL #1 OR BETTER	GUMBO LIMBO	45 GAL. MIN.	3"-4" CAL.	14` HT. X 6` SPRD.	Y	FULL CANOPY, FL #1 OR BETTER
CE	15	CONOCARPUS ERECTUS FULL CANOPY,	GREEN BUTTONWOOD	45 GAL. MIN.	2.5" CAL.	12` HT. X 5` SPRD.	Y	FULL CANOPY,
PE1	9	PINUS ELLIOTII `DENSA` FULL CANOPY	SLASH PINE	45 GAL. MIN.	4" CAL.	14' HT. X 7' SPRD.	Y	FULL CANOPY
R-QV	4	QUERCUS VIRGINIANA RELOCATED FROM ON SITE, SEE TREE DISPOSITION CHART	RELOCATED LIVE OAK	RELOCATED	RELOCATED	RELOCATED	Y	RELOCATED FROM ON SITE, SEE TREE DISPOSITION CHART
PALM TREES								
AM3	2	ADONIDIA MERRILLII FULL HEAD, NO TRUNK SCARRING, 4 TRUNK	MULTI TRUNK CHRISTMAS PALM	F.G.	---	12`-14` HT.	N	FULL HEAD, NO TRUNK SCARRING, 4 TRUNK
PEA2	3	PTYCHOSPERMA ELEGANS FULL CANOPY, DOUBLE TRUNK	DOUBLE ALEXANDER PALM	F.G.	NA	12` C.T.	N	FULL CANOPY, DOUBLE TRUNK
SP	18	SABAL PALMETTO SLICK TRUNK, STAGGER HEIGHTS	SABAL PALM	F.G.	---	14', 18', 22' C.T., STGG.	Y	SLICK TRUNK, STAGGER HEIGHTS
R-SP	3	SABAL PALMETTO RELOCATED FROM ON-SITE	RELOCATED SABAL PALM	RELOCATED	RELOCATED	RELOCATED	Y	RELOCATED FROM ON-SITE

CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	SPACING	NATIVE	REMARKS
SHRUBS								
CIR	105	CHRYSOBALANUS ICACO `RED TIP` FULL & THICK	RED TIP COCOPLUM	7 GAL.	30" X 24"	24" O.C.	Y	FULL & THICK
CLD15	80	CLUSIA GUTTIFERA FULL TO BASE, FL #1 OR BETTER	CLUSIA	15 GAL.	6` HT. X 3` SPRD.	48" O.C.	N	FULL TO BASE, FL #1 OR BETTER
PD7	31	PODOCARPUS MACROPHYLLUS `DWARF PRINGLES` FULL & THICK	DWARF PODOCARPUS	7 GAL.	24" X 24"	24" O.C.	N	FULL & THICK
PM7	19	PODOCARPUS MACROPHYLLUS 'META' FULL & THICK	PODOCARPUS	7 GAL.	4` HT. X 2` SPRD.	2` O.C.	N	FULL & THICK
SA3	23	SCHEFFLERA ARBORICOLA `TRINETTE` FULL & THICK	DWARF VARIEGATED SCHEFFLERA	3 GAL.	18" X 18"	24" O.C.	N	FULL & THICK
SHRUB AREAS								
CID	270	CHRYSOBALANUS ICACO `HORIZONTAL` FULL & THICK, NOT STRETCHED	DWARF COCOPLUM	3 GAL.	12" X 18"	24" O.C.	Y	FULL & THICK, NOT STRETCHED
CI2	38	CHRYSOBALANUS ICACO `RED TIP` FULL & THICK	RED TIP COCOPLUM	3 GAL.	24" X 24"	36" O.C.	Y	FULL & THICK
MUH	48	MUHLENBERGIA CAPILLARIS FULL &THICK	PINK MUHLY GRASS	3 GAL.	24" X 24"	24" O.C.	Y	FULL &THICK
PD	135	PODOCARPUS MACROPHYLLUS `DWARF PRINGLES` FULL & THICK	DWARF PODOCARPUS	3 GAL.	15" X 15"	18" O.C.	N	FULL & THICK
SAV	26	SCHEFFLERA ARBORICOLA `TRINETTE` FULL & THICK	DWARF VARIEGATED SCHEFFLERA	3 GAL.	18" X 18"	24" O.C.	N	FULL & THICK
SR	37	SERENOA REPENS FULL	SAW PALMETTO	7 GAL.	24" X 24"	48" O.C.	Y	FULL
TF	73	TRIPSACUM FLORIDANA FULL & THICK	DWARF FAKAHATCHEE GRASS	3 GAL.	24" X 24"	30" O.C.	Y	FULL & THICK

SEE SHEET LP-4 FOR LIST OF EXISTING TREES TO REMAIN

Landscape Plan

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Greenacres Shell & Offices
Landscape Plan
Greenacres, Florida

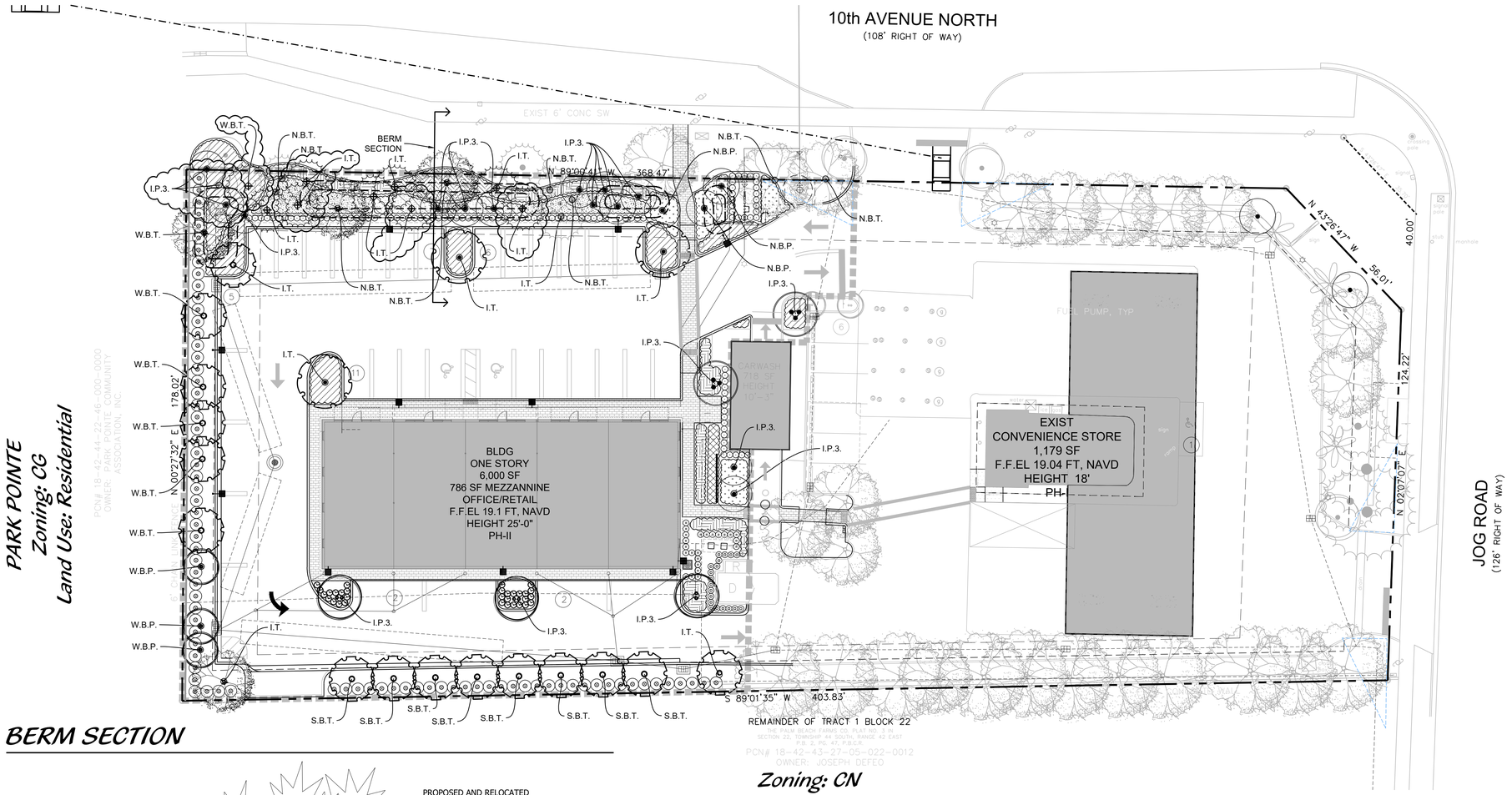
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DESIGNED GB
DRAWN GB
APPROVED DEH
JOB NUMBER 18-0713
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REVISIONS 07-30-24
04-20-26 12-16-24
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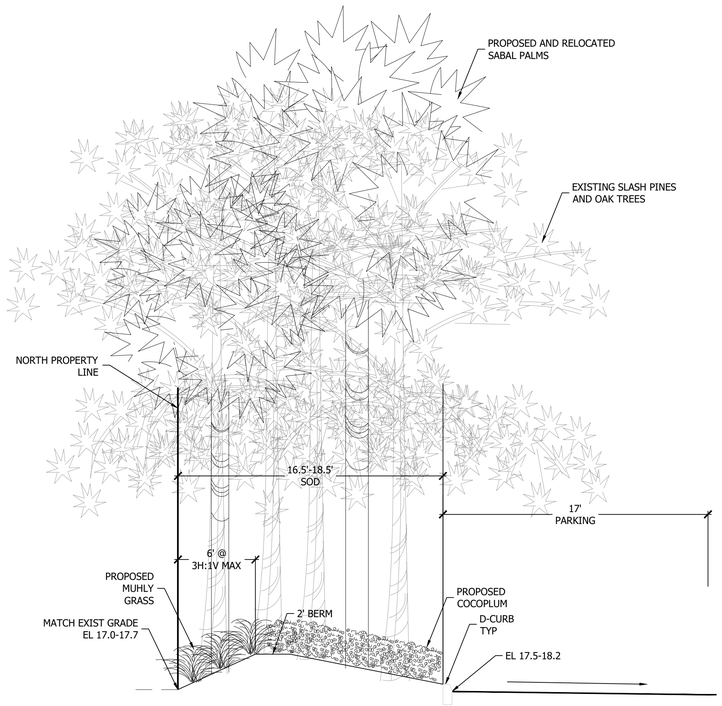
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SHEET LP-3 OF LP-5

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BERM SECTION



EXISTING TREES TO REMAIN PLANT LIST

5	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA
6	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA
7	6"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA
8	16"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA
9	9"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA
10	12"	SYAGRUS ROMANZOFFIANA	QUEEN PALM	REMAIN	OUTSIDE AFFECTED AREA
11	13"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
12	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
13	12"	SABAL PALMETTO	SABAL PALM	REMAIN	OUTSIDE AFFECTED AREA
14	12"	SYAGRUS ROMANZOFFIANA	QUEEN PALM	REMAIN	OUTSIDE AFFECTED AREA
15	10"	SYAGRUS ROMANZOFFIANA	QUEEN PALM	REMAIN	OUTSIDE AFFECTED AREA
16	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
17	15"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
18	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
19	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
20	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
21	12"	COCOS NUCIFERA SPP	COCONUT PALM	REMAIN	OUTSIDE AFFECTED AREA
22	20"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
23	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
24	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
25	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
26	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
27	8"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
28	8"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA

29	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
30	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
31	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
32	18"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
33	24"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
42	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
43	16"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
44	12"	QUERCUS SP.	OAK TREE	REMAIN	OUTSIDE AFFECTED AREA
45	5"	PYTCHOSPERMA ELEGANS	SOLITAIRE PALM	REMAIN	OUTSIDE AFFECTED AREA
46	5"	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	REMAIN	OUTSIDE AFFECTED AREA
47	6"	PTYCHOSPERMA ELEGANS	SOLITAIRE PALM	REMAIN	OUTSIDE AFFECTED AREA
50	12"	COCOS NUCIFERA SPP	COCONUT PALM	REMAIN	OUTSIDE AFFECTED AREA
51	12"	QUERCUS SP.	OAK TREE	REMAIN	WITHIN AFFECTED AREA
52	16"	QUERCUS SP.	OAK TREE	REMAIN	WITHIN AFFECTED AREA
60	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA
79	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA
80	16"	SABAL PALMETTO	SABAL PALM	REMAIN	WITHIN AFFECTED AREA
81	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA
82	12"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA
83	16"	PINUS ELLIOTTII	SLASH PINE	REMAIN	OUTSIDE AFFECTED AREA
85	8"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA
86	17"	PINUS ELLIOTTII	SLASH PINE	REMAIN	WITHIN AFFECTED AREA
87	12"	SABAL PALMETTO	SABAL PALM	REMAIN	OUTSIDE AFFECTED AREA
88	12"	SABAL PALMETTO	SABAL PALM	REMAIN	WITHIN AFFECTED AREA

LOCATION MAP



LEGEND

N.B.T.	NORTH BUFFER TREE
N.B.P.	NORTH BUFFER PALM TREE
S.B.T.	SOUTH BUFFER TREE
W.B.T.	WEST BUFFER TREE
W.B.P.	WEST BUFFER PALM
I.T.	INTERIOR TREE
I.P.3.	INTERIOR PALM (3:1)
CATV	CABLE TV
EX.	EXISTING
F.H.	FIRE HYDRANT
L.B.	LANDSCAPE BUFFER
OHW	OVERHEAD WIRE
P.B.	PLAT BOOK
PG.	PAGE
TYP.	TYPICAL

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Greenacres Shell & Offices
Landscape Plan
Greenacres, Florida

Scale: 1" = 20'
0' 10' 20' 40'

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LANDSCAPE SPECIFICATIONS

1. GENERAL LANDSCAPE REQUIREMENTS

LANDSCAPE CONTRACT WORK INCLUDES, BUT IS NOT LIMITED TO, SOIL PREPARATION, FINE OR FINISH GRADING, FURNISHING AND INSTALLING PLANT MATERIAL, WATERING, STAKING, GUYING AND MULCHING.

PLANT SIZE AND QUALITY

TREES, PALMS, SHRUBS, GROUNDCOVERS:
PLANT SPECIES AND SIZES SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS, NOMENCLATURE SHALL CONFORM TO STANDARD PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I & II, LATEST EDITION PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE FLORIDA GRADE NUMBER 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY.

ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS AND ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS OF GOOD QUALITY AND BE IN A HEALTHY GROWING CONDITION.

AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.

STANDARD PLANTING MIXTURE SHALL BE ONE (1) PART RECYCLED ORGANIC MATERIAL ADDED TO THREE (3) PARTS EXISTING NATIVE SOIL.

REPLACEMENT SOIL SHALL BE USED AS SPECIFIED TO REPLACE EXISTING SOILS THAT ARE DETERMINED BY THE LANDSCAPE ARCHITECT TO BE UNSUITABLE FOR PLANTING, IE. ROAD BASE, PAVEMENT, ETC. REPLACEMENT SOIL MIX SHALL CONTAIN 60% SAND AND 40% MUCK. SAND SHALL BE 100% CLEAN NATIVE SAND SCREENED TO 1/4" AND MUCK SHALL BE 100% CLEAN ORGANIC NATIVE MUCK SCREENED TO 1/2". ALL SOIL SHALL BE MIXED PRIOR TO DELIVERY ON SITE.

MULCH SHALL BE SHREDDED MELALEUCA, EUCALYPTUS OR GRADE "A" RECYCLED. ALL MULCH IS TO BE APPLIED TO A DEPTH OF 3", EXCEPT AS OTHERWISE NOTED.

FERTILIZER IN BACKFILL MIXTURE FOR ALL PLANTS SHALL CONSIST OF MILORGANITE ACTIVATED SLUDGE MIXED WITH THE BACKFILL AT A RATE OF NOT LESS THAN 50 LBS. PER CUBIC YARD.

FERTILIZER FOR TREES AND SHRUBS MAY BE TABLET FORM OR GRANULAR. GRANULAR FERTILIZER SHALL BE UNIFORM IN COMPOSITION, DRY AND FREE-FLOWING. THIS FERTILIZER SHALL BE DELIVERED TO THE SITE IN THE ORIGINAL UNOPENED BAGS, EACH BEARING THE MANUFACTURER'S STATEMENT OF ANALYSIS, AND SHALL MEET THE FOLLOWING REQUIREMENTS: 16% NITROGEN, 7% PHOSPHORUS, 12% POTASSIUM, PLUS IRON. TABLET FERTILIZER (AGRIFORM OR EQUAL) IN 21 GRAM SIZE SHALL MEET THE FOLLOWING REQUIREMENTS: 20% NITROGEN, 10% PHOSPHORUS AND 5% POTASSIUM.

FERTILIZER WILL BE APPLIED AT THE FOLLOWING RATES:

PLANT SIZE	16-7-12	AGRIFORM TABLETS (21 GRAM)
1 GAL.	1/4 LB.	1
3 GAL.	1/3 LB.	3
7-15 GAL.	1/2 LB.	6
1"-6" CALIPER	2 LBS./1" CALIPER	2 PER 1" CALIPER
6" AND LARGER	3 LBS./1" CALIPER	2 PER 1" CALIPER

"FLORIDA EAST COAST PALM SPECIAL" SHALL BE APPLIED TO ALL PALMS AT INSTALLATION AT A RATE OF ½ LB. PER INCH OF TRUNK UNLESS OTHERWISE SPECIFIED.

FIELD GROWN TREES AND PALMS PREVIOUSLY ROOT PRUNED SHALL OBTAIN A ROOT BALL WITH SUFFICIENT ROOTS FOR CONTINUED GROWTH WITHOUT RESULTING SHOCK.

CONTRACTOR SHALL NOT MARK OR SCAR TRUNK IN ANY FASHION.

PLANTS SHALL BE WATERED AS NECESSARY OR WITHIN 24 HOURS AFTER NOTIFICATION BY THE LANDSCAPE ARCHITECT.

THE LOCATIONS OF PLANTS, AS SHOWN IN THESE PLANS, ARE APPROXIMATE. THE FINAL LOCATIONS MAY BE ADJUSTED TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS. MAJOR ADJUSTMENTS TO THE LAYOUT ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT.

ALL PLASTIC FABRIC SHALL BE REMOVED FROM PLANT MATERIAL AT TIME OF INSTALLATION.

ALL TREES MUST BE STAKED AS SHOWN ON THE PLANTING DETAILS WITHIN 24 HOURS OF PLANTING. STAKES TO REMAIN FOR A MINIMUM OF 9 MONTHS, BUT NO LONGER THAN 18 MONTHS. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND REMOVAL OF THE STAKES.

ALL TREES MUST BE PRUNED AS PER LANDSCAPE ARCHITECT'S DIRECTION. SABAL PALMS MAY BE HURRICANE CUT.

ALL SHRUBS, TREES AND GROUND COVER WILL HAVE IMPROVED SOIL AS PER PLANTING SOIL NOTES. THE SOILS SHALL BE PLACED IN THE HOLE DURING PLANTING. TOP DRESSING ONLY IS NOT ACCEPTABLE.

DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING. ALL TREES SHALL BE SPIKED IN UTILIZING WATER AND A TREE BAR.

THE LANDSCAPE CONTRACTOR SHALL WATER, MULCH, WEED, PRUNE, AND OTHERWISE MAINTAIN ALL PLANTS, INCLUDING SOD, UNTIL COMPLETION OF CONTRACT OR ACCEPTANCE BY LANDSCAPE ARCHITECT. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE, PLANTING SAUCERS RESTORED, AND DEFECTIVE WORK CORRECTED.

THE LANDSCAPE CONTRACTOR SHALL AT ALL TIMES KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIALS OR DEBRIS CAUSED BY HIS CREWS DURING THE PERFORMANCE OF THE WORK. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE ALL WASTE MATERIALS, DEBRIS, UNUSED PLANT MATERIAL, EMPTY PLANT CONTAINERS AND ALL EQUIPMENT FROM THE PROJECT SITE.

UPON COMPLETION OF THE WORK, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND REQUEST A FINAL INSPECTION. ANY ITEMS THAT ARE JUDGED INCOMPLETE OR UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE SHALL BE CORRECTED BY THE LANDSCAPE CONTRACTOR WITHIN 14 DAYS.

ALL LABOR AND MATERIAL FOR SOIL AMENDMENTS AND FERTILIZER THAT IS REQUIRED TO INSURE THE SUCCESSFUL ESTABLISHMENT AND SURVIVAL OF THE PROPOSED VEGETATION, AS WELL AS ALL THE COST FOR THE REMOVAL OF UNSUITABLE OR EXCESS BACKFILL MATERIAL, SHALL BE INCLUDED IN THE CONTRACTOR'S BID TO PERFORM THE WORK REPRESENTED IN THIS PLAN SET.

2. PLANTING TREES

EXCAVATE PIT AS PER PLANTING DETAILS.

BACKFILL AROUND BALL WITH STANDARD PLANTING MIXTURE AND SLIGHTLY COMPACT, WATER THOROUGHLY AS LAYERS ARE PLACED TO ELIMINATE VOIDS AND AIR POCKETS. BUILD A 6" HIGH BERM OF STANDARD PLANTING MIXTURE BEYOND EDGE OF EXCAVATION. APPLY 3" (AFTER SETTLEMENT) OF MULCH EXCEPT WITHIN 6" OF TRUNK.

PRUNE TREE TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES. DO NOT PRUNE BACK TERMINAL LEADER.

GUY AND STAKE TREE IN ACCORDANCE WIT THE STAKING DETAILS IMMEDIATELY AFTER PLANTING.

3. PLANTING SHRUBS

LAYOUT SHRUBS TO CREATE A CONTINUOUS SMOOTH FRONT LINE AND FILL IN BEHIND.

EXCAVATE PIT OR TRENCH TO 1-1/2 TIMES THE DIAMETER OF THE BALLS OR CONTAINERS OR 1'-0" WIDER THAN THE SPREAD OF ROOTS FOR POSITIONING AT PROPER HEIGHT. BACKFILL AROUND PLANTS WITH STANDARD PLANTING MIXTURE, COMPACTED TO ELIMINATE VOIDS AND AIR POCKETS. FORM GRADE SLIGHTLY DISHED AND BERMED AT EDGES OF EXCAVATION. APPLY 3" OF MULCH EXCEPT WITHIN 3" OF STEMS.

PRUNE SHRUBS TO REMOVE DAMAGED BRANCHES, IMPROVE NATURAL SHAPE AND THIN OUT STRUCTURE. DO NOT REMOVE MORE THAN 15% OF BRANCHES.

4. PLANTING GROUND COVER

LOOSEN SUBGRADE TO DEPTH OF 4" IN AREAS WHERE TOPSOIL HAS BEEN STRIPPED AND SPREAD SMOOTH.

SPACE PLANTS AS OTHERWISE INDICATED. DIG HOLES LARGE ENOUGH TO ALLOW SPREADING OF ROOTS. COMPACT BACKFILL TO ELIMINATE VOIDS AND LEAVE GRADE SLIGHTLY DISHED AT EACH PLANT. WATER THOROUGHLY. APPLY 3" OF MULCH OVER ENTIRE PLANTING BED, LIFTING PLANT FOLIAGE ABOVE MULCH.

DURING PERIODS OF HOT SUN AND/OR WIND AT TIME OF PLANTING, PROVIDE PROTECTIVE COVER FOR SEVERAL DAYS OR AS NEEDED.

5. PLANTING LAWNS

SODDING: SOD TYPE SPECIFIED ON PLANT LIST SHALL BE MACHINE STRIPPED NOT MORE THAN 24 HOURS PRIOR TO LAYING.

LOOSEN SUBGRADE TO DEPTH OF 4" AND GRADE WITH TOPSOIL EITHER PROVIDED ON SITE OR IMPORTED STANDARD PLANTING MIX TO FINISH DESIGN ELEVATIONS. ROLL PREPARED LAWN SURFACE. WATER THOROUGHLY, BUT DO NOT CREATE MUDDY SOIL CONDITION.

FERTILIZE SOIL AT THE RATE OF APPROXIMATELY 10 LBS. PER 1,000 S.F. SPREAD FERTILIZER OVER THE AREA TO RECEIVE GRASS BY USING AN APPROVED DISTRIBUTION DEVICE CALIBRATED TO DISTRIBUTE THE APPROPRIATE QUANTITY. DO NOT FERTILIZE WHEN WIND VELOCITY EXCEEDS 15 M.P.H. THOROUGHLY MIX FERTILIZER INTO THE TOP 2" OF TOPSOIL.

LAY SOD STRIPS WITH TIGHT JOINTS, DO NOT OVERLAP, STAGGER STRIPS TO OFFSET JOINTS IN ADJACENT COURSES. WORK SIFTED STANDARD PLANTING MIXTURE INTO MINOR CRACKS BETWEEN PIECES OF SOD AND REMOVE EXCESS SOIL DEPOSITS FROM SODDED AREAS. SOD ON SLOPES GREATER THAN 3:1 SHALL BE STAKED IN PLACE. ROLL OR STAMP LIGHTLY AND WATER THOROUGHLY WITH A FINE SPRAY IMMEDIATELY AFTER PLANTING.

6. MISCELLANEOUS LANDSCAPE WORK

LANDSCAPE MAINTENANCE

MAINTAIN LANDSCAPE WORK UNTIL FINAL ACCEPTANCE IS ISSUED BY THE OWNER'S REPRESENTATIVE. INCLUDE WATERING, WEEDING, CULTIVATING, RESTORATION OF GRADE, MOWING AND TRIMMING GRASS, PRUNING TREES AND SHRUBS, PROTECTION FROM INSECTS AND DISEASES, FERTILIZING AND SIMILAR OPERATIONS AS NEEDED TO INSURE NORMAL GROWTH AND GOOD HEALTH FOR LIVE PLANT MATERIAL.

PLANT MATERIAL SUBSTITUTION

NO SUBSTITUTION OF PLANT MATERIAL, TYPE OR SIZES WILL BE PERMITTED WITHOUT AUTHORIZATION FROM THE LANDSCAPE ARCHITECT.

PLANTING BED PREPARATION

ALL PLANTING BEDS SHALL BE PROPERLY PREPARED PRIOR TO THE COMMENCEMENT OF ANY PLANTING. PLANTING AREAS, INCLUDING LAWNS SHALL BE FREE OF ALL WEEDS AND NUISANCE VEGETATION. IF TORPEDO GRASS (PANICUM REPENS) IS PRESENT OR ENCOUNTERED DURING PLANTING, THE LANDSCAPE CONTRACTOR SHALL STOP ALL PLANTING UNTIL IT CAN BE DEMONSTRATED THAT IT HAS BEEN COMPLETELY REMOVED OR ERADICATED. THERE SHALL BE NO EXCEPTIONS TO THIS PROVISION.

ALL LANDSCAPE ISLANDS AND BEDS WILL BE FREE OF SHELL ROCK AND CONSTRUCTION DEBRIS AND WILL BE EXCAVATED TO A DEPTH OF 30 INCHES OR TO CLEAN, NATIVE SOIL AND FILLED WITH THE SPECIFIED REPLACEMENT SOIL.

LANDSCAPE WARRANTY

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF SIX (6) MONTHS FROM THE DATE OF CONDITIONAL ACCEPTANCE IN WRITING FROM THE LANDSCAPE ARCHITECT. AT THE TIME OF CONDITIONAL ACCEPTANCE, THE SIX (6) MONTH PERIOD SHALL COMMENCE. ANY MATERIALS WHICH HAVE DIED OR DECLINED TO THE POINT WHERE THEY NO LONGER MEET FLORIDA #1 CONDITION DURING THIS PERIOD SHALL BE PROMPTLY REPLACED WITH SPECIMENS THAT MEET THE MINIMUM REQUIREMENTS CALLED FOR ON THE DRAWINGS. THE LANDSCAPE CONTRACTOR SHALL NOT BE HELD RESPONSIBLE FOR THE DEATH OR DAMAGE RESULTING FROM ACTS OF GOD SUCH AS LIGHTNING, VANDALISM, AND AUTOMOBILES OR FROM NEGLIGENCE BY THE OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AND OTHERWISE MAINTAINING PLANTS UP TO THE CONDITIONAL ACCEPTANCE PERIOD, UNLESS A WRITTEN AGREEMENT WITH THE LANDSCAPE ARCHITECT PROVIDES FOR A DIFFERENT ARRANGEMENT.

LANDSCAPE NOTES

THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT DRAINAGE AND UTILITY PLANS PRIOR TO CONSTRUCTION AND AVOID ALL CONFLICTS. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK.

ALL PLANT MATERIAL SHALL BE FLORIDA NUMBER 1 OR BETTER AS DEFINED BY THE DIVISION OF PLANT INDUSTRY 'GRADES AND STANDARDS' LATEST EDITION.

THE LANDSCAPE CONTRACTOR SHALL NOT MAKE ANY SUBSTITUTIONS OR CHANGES WITHOUT THE AUTHORIZATION OF THE CITY OF GREENACRES, THE OWNER AND THE LANDSCAPE ARCHITECT.

ALL TREES SHALL BE LOCATED WITHIN A MULCH PLANTING BED WITH A MINIMUM OF TWO (2) FEET OF CLEARANCE TO THE EDGE OF THE BED.

TREES SHALL BE POSITIONED TO AVOID CONFLICTS WITH SITE LIGHTING AND STREET SIGNS.

ALL SOD SHALL BE STENOTAPHRUM SECONDATUS "FLORITAM" (ST. AUGUSTINE SOD)

TREES WITHIN PLANTING ISLANDS LESS THAN FIVE (5) FEET IN WIDTH SHALL BE LOCATED TO AVOID CONFLICTS WITH THE OVERHANG OF VEHICLES.

ALL LANDSCAPE SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF GREENACRES LDR'S.

ALL ABOVE GROUND UTILITIES I.E. TRANSFORMERS, SWITCH BOXES, AC CONDENSERS AND THE LIKE SHALL BE FULLY SCREENED FROM VIEW ON THREE SIDES WITH LANDSCAPING. THE LANDSCAPING SHALL EXTEND ONE FOOT HIGHER THAN THE TALLEST POINT OF SAID EQUIPMENT AT TIME OF PLANTING.

PLANTING OF ANY TREES WITHIN TEN (10) FEET OF ANY ABOVE-GROUND POWER OR UTILITY LINES SHALL CONFORM TO THE CRITERIA LISTED IN "PLANT THE RIGHT TREE IN THE RIGHT PLACE" DOCUMENT ISSUED BY FLORIDA POWER & LIGHT.

A PROGRAM SHALL BE IMPLEMENTED TO ERADICATE AND PREVENT THE RE-ESTABLISHMENT OF PROHIBITED PLANT SPECIES LISTED IN SECTION 16-1312.

TREES SHOWN ON THIS PLAN ARE FOR GRAPHIC REPRESENTATION ONLY. TREE SPACING IS BASED ON DESIGN REQUIREMENTS AND THE TREES SHOWN ON THESE PLANS ATTEMPT TO ACCOMPLISH THAT SPACING WHILE MAINTAINING THE REQUIRED SETBACK FROM UTILITIES. IN ANY CASE THE TREES SHALL BE LOCATED IN THE FIELD IN ACCORDANCE WITH THE PLANTING DETAILS SHOWN HEREON.

ADDITIONALLY, TREES ARE TO BE INSTALLED WITH A TEN FOOT (10') SEPARATION FROM ANY UNDERGROUND UTILITY PIPES (SUCH AS WATER OR SEWER MAIN AND/OR SERVICE LINES), HYDRANTS, LIFT STATIONS, CURBS, PAVEMENT, SIDEWALKS AND BUILDING FOUNDATIONS. IF A TEN FOOT (10') SEPARATION CANNOT BE ACHIEVED, THE TREE CAN BE INSTALLED WITH A ROOT BARRIER SYSTEM. REFER TO THE "ROOT BARRIER" DETAIL FOR INSTALLATION REQUIREMENTS. HOWEVER, IN NO CASE SHALL A TREE ENCROACH INTO A PBC UE AND ONLY SOD CAN BE INSTALLED WITHIN 10' OF A FIRE HYDRANT UNLESS OTHERWISE APPROVED BY THE FIRE MARSHAL.

PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, A PROTECTIVE BARRIER SHALL BE INSTALLED AND MAINTAINED AROUND ANY TREE, STAND OF TREES, ECOLOGICAL COMMUNITY, NATIVE HABETAT OR NATURAL FEATURE WHICH ARE TO BE PRESERVED UNTIL THE COMPLETION OF CONSTRUCTION ACTIVITIES ON SITE.

A BARRIER SHALL BE CONSTRUCTED OUTSIDE OF THE DRIP LINE OF THE TREE(S) TO BE PRESERVED USING EITHER METAL RODS, OR WOODEN STAKES AT LEAST TWO (2) INCHES × FOUR (4) INCHES × EIGHT (8) FEET LONG, SPACED A MAXIMUM OF TEN (10) FEET APART, AND CONNECTED WITH BRIGHTLY COLORED RIBBON OR TEMPORARY FENCING FROM STAKE TO STAKE AT A HEIGHT OF AT LEAST FOUR (4) FEET.

DURING SITE DEVELOPMENT, NO SOIL SHALL BE ADDED OR REMOVED OR OTHERWISE DISTURBED, NOR SHALL ANY CONSTRUCTION EQUIPMENT, LIQUIDS, DEBRIS OR MATERIALS, BE LOCATED WITHIN THE PRESERVE AREA.

NO ATTACHMENTS OR WIRES SHALL BE ATTACHED TO ANY VEGETATION DURING THE SITE DEVELOPMENT PROCESS.

THE PROTECTIVE BARRIER SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION ACTIVITY IS COMPLETED ON SITE; UNTIL A FINAL LANDSCAPING INSPECTION IS MADE; OR UNTIL AUTHORIZATION IS GRANTED BY THE CITY TO REMOVE THE PROTECTIVE BARRIER.

THE IRRIGATION SYSTEM SHALL BE DESIGNED TO PROVIDE COVERAGE TO ALL LANDSCAPE AND SOD AREAS. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN SENSOR/CUT OFF SWITCH IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS. ALL AREAS SHALL BE FULLY IRRIGATED IN ACCORDANCE WITH THE REQUIREMENTS THE CITY OF GREENACRES.

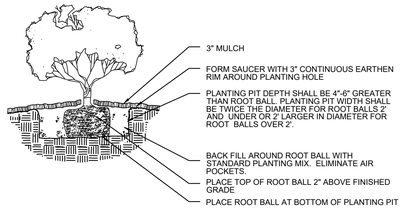
ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN AUTOMATICALLY OPERATED IRRIGATION SYSTEM THAT WILL ADEQUATELY COVER ALL LIVING PLANT MATERIAL, OR IN SPECIAL CASES MANUALLY OPERATED SYSTEMS IF APPROVED BY THE CITY OF GREENACRES, BETWEEN THE HOURS OF 5:00 P.M. TO 8:00 A.M.

ALL WELL WATER IRRIGATION SYSTEMS MUST BE DESIGNED AND MAINTAINED IN SUCH A MANNER THAT STAINING OF BUILDINGS, WALLS, WALKS, PLANTS AND THE LIKE DOES NOT OCCUR.

Tree Preservation Note

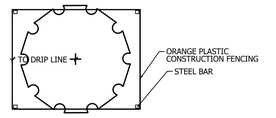
CONTRACTOR SHALL MEET WITH THE LANDSCAPE ARCHITECT OF RECORD, ON SITE, PRIOR TO ANY TREE REMOVAL TO TAG TREES FOR PRESERVATION AND RELOCATION.

PLANTING DETAILS



SHRUB/GROUNDCOVER PLANTING DETAIL

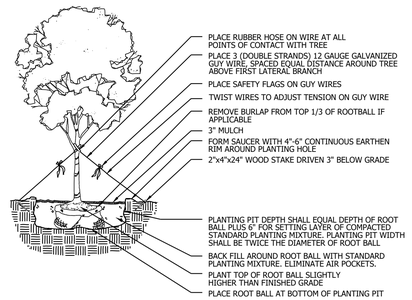
NTS



TREE PROTECTION DETAIL

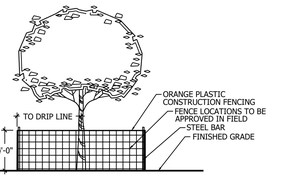
PLAN VIEW

NTS



LARGE TREE PLANTING DETAIL

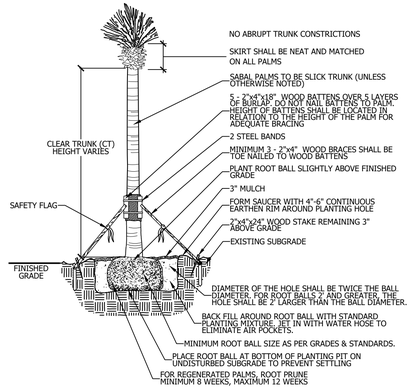
NTS



TREE PROTECTION DETAIL

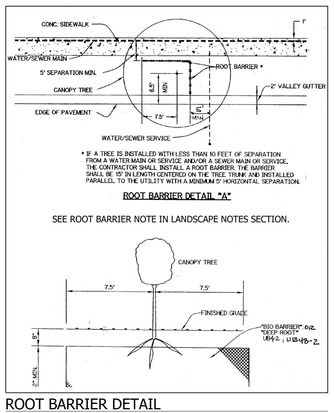
SECTION VIEW

NTS



PALM PLANTING DETAIL

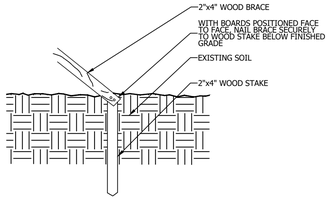
NTS



ROOT BARRIER DETAIL

SECTION VIEW

NTS



WOOD STAKING DETAIL

NTS

Landscape Details

Cotleur & Hearing
Landscape Architects
Land Planners
Environmental Consultants
1934 Commerce Lane
Suite 1
Jupiter, Florida 33458
561.747.6336 · Fax 747.1377
www.cotleurhearing.com
Lic# LC-26000535

Greenacres Shell & Offices
Landscape Details
Greenacres, Florida

DESIGNED	GB
DRAWN	GB
APPROVED	DEH
JOB NUMBER	18-0713
DATE	12-21-23
REVISIONS	07-30-24
04-20-26	12-16-24
06-05-26	07-11-25
	08-15-25
	01-05-26

June 06, 2026 2:11:28 p.m.
Drawing: 18-0713-LP.DWG

SHEET LP-5 OF LP-5

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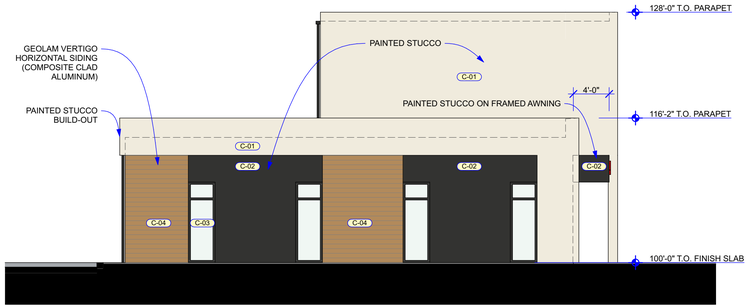
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1 SD3

NORTH ELEVATION

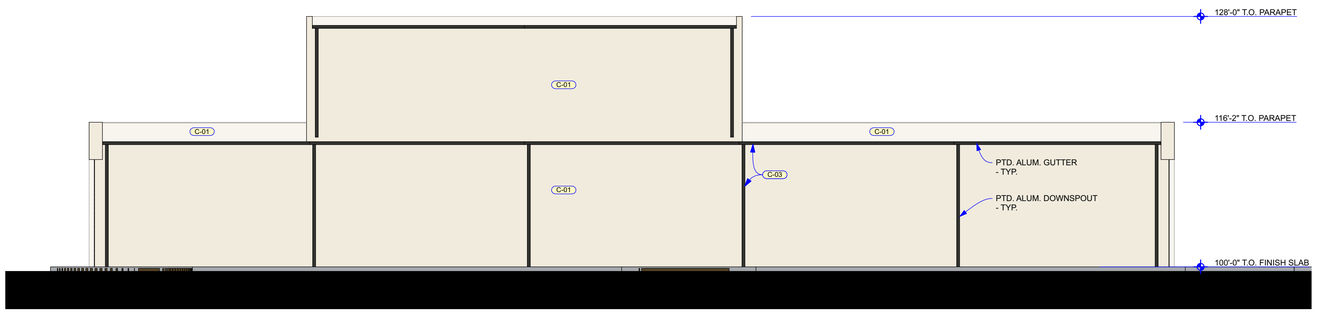
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3 SD3

EAST ELEVATION

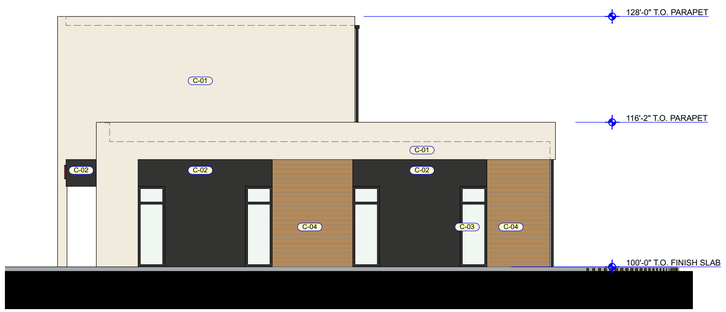
SCALE: 1/8" = 1'-0"



2 SD3

SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



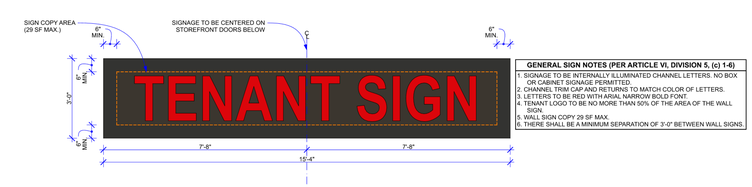
4 SD3

WEST ELEVATION

SCALE: 1/8" = 1'-0"

C-01	C-02	C-03	C-04
FIELD COLOR: SHERWIN WILLIAMS SW 7103 WHITETAIL	TRIM COLOR: SHERWIN WILLIAMS SW 7069 IRON ORE	TRIM COLOR: DARK BRONZE	SIDING: GEOLAM COMPOSITE CLAD ALUM. COLOR: TEAK

MATERIALS & COLORS



TYPICAL TENANT WALL SIGN



3D FRONT VIEW



3D SIDE VIEW

ARCHITECT
STERGAS & ASSOCIATES, AIA
architecture • interior design • planning
Tequesta, Florida | stergas@stergas.com | (561) 575-3360

New Office Building for:
3067 Jog Road

Elevations
1/10/24

SD3

Construction Plans & Specifications
For
Greenacres Shell & Offices
3067 Jog Road

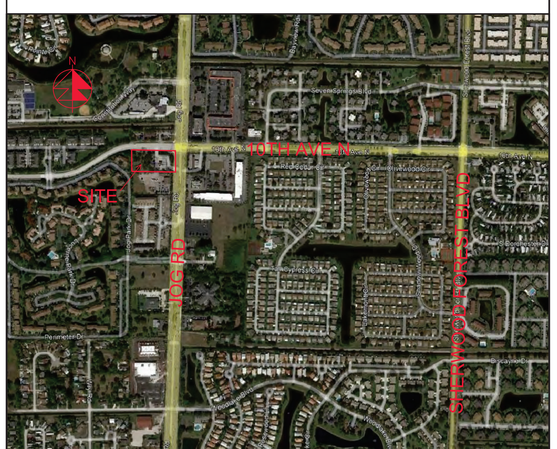
Section 22 Township 44S Range 42E

Greenacres, Florida

Developer

Power Petroleum, Inc
1308 E Atlantic Blvd
Greenacres, Florida 33060

Aerial



Vicinity Map

Drawing Index

C-1	Cover Sheet
C-2	Pavement Marking Plans
C-3	Grading, Paving, & Drainage Plans
C-4	Water & Wastewater Plans
C-5	Grading, Paving, & Drainage Details
C-6	Grading, Paving, & Drainage Details
C-7	Sections
C-8	Water Details
C-9	Water Details
C-10	Water Details
C-11	Water Details
C-12	Water Details
C-13	Water Details
C-14	Wastewater Details
C-15	Wastewater Details
C-16	Pollution Prevention Plan

REVISIONS

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Consulting Engineers
1934 COMMERCE LANE, SUITE 5
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TEL: (561) 575-6030
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WEBSITE: www.JHIinc.com

Greenacres Shell & Offices
3067 Jog Road
Greenacres, Florida

Cover Sheet

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/17/21	NA	JHI	CLJ	1805-1259

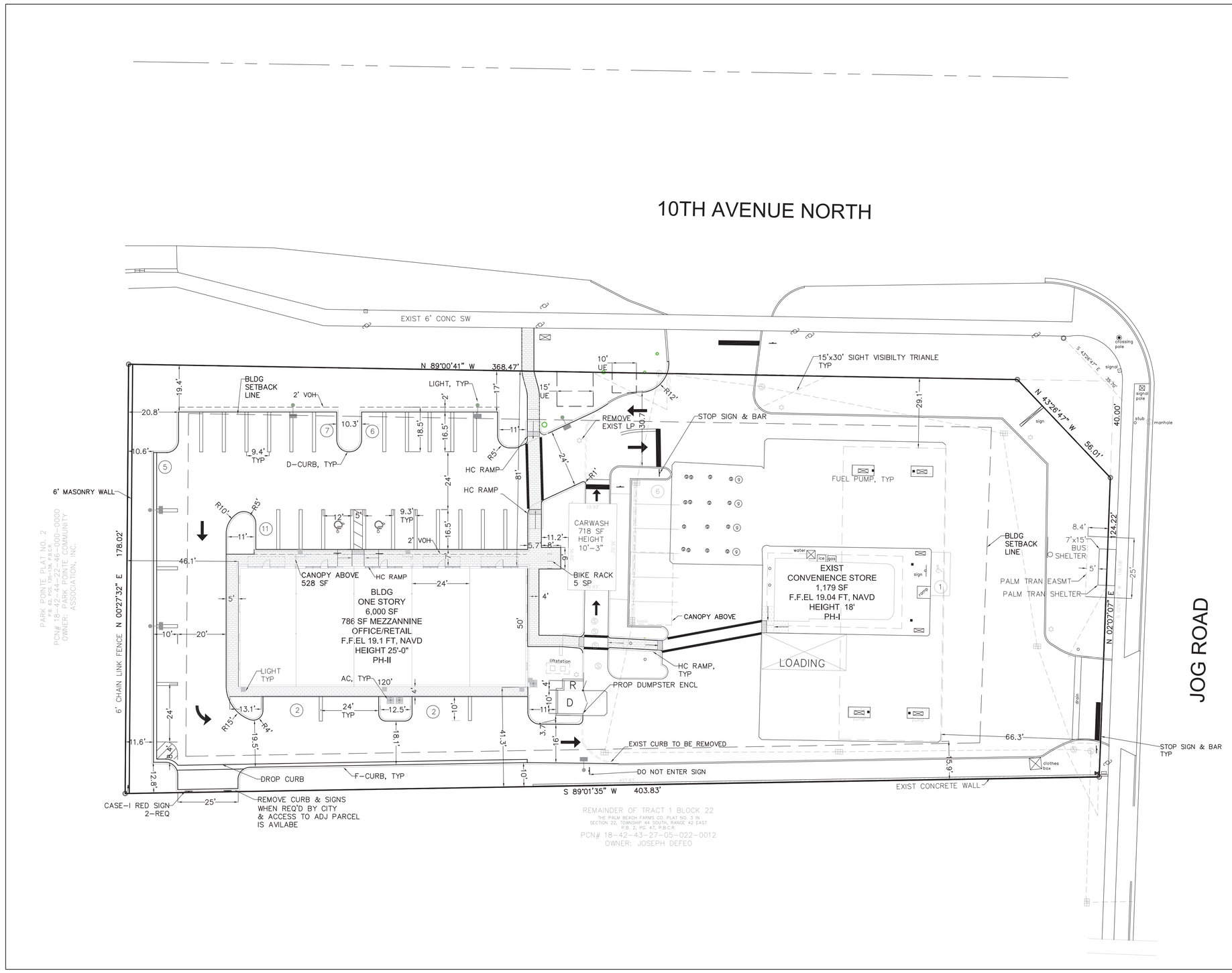
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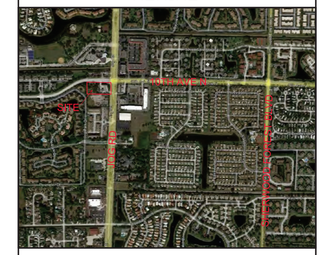
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Date: 2026.04.27 09:20:26 -04'00'
FR # 6986

SHEET NO.
C-1

WUD #25-543



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

NOTES:

1. ALL STRIPINGS SHALL BE THERMOPLASTIC W/ EXCEPTION OF STD PARKING STALLS WHICH WOULD BE TRAFFIC PAINT.
2. 19"–24" DEEP ROOT BARRIERS MUST BE INSTALLED ALONG ALL CURBS & SIDEWALKS WITHIN 10' OF EXISTING OR PROPOSED TREES. (SEE LANDSCAPE PLANS)
3. SURVEYOR SHALL VERIFY ALL DIMENSIONS PRIOR TO STAKING & INFORM THE ENGINEER OF RECORD OF ANY DISCREPANCIES.
4. ALL ACCESSIBLE ROUTES INCLUDING HANDICAP RAMPS & DETECTABLE WARNINGS SHALL BE CONSTRUCTED IN ACCORD WI/ 2010 USDOJ ADA REQ'S, LATEST FBC & FDOT IDESIGN STD'S INDEX 522–002.
5. CONC SURFACE, IF ANY, SHALL BE RPEPARED PRIOR TO APPLYING THERMOPLATCIS BY CLEANING, REMOVE MOSITURE & APPLY EPOXY PRIMER PER MANUFACTURER'S RECOMMENDATION.
6. STRIPING SHALL MEET THE REQUIREMENTS OF THE MUTCD, FDOT & CITY OF GREENACRES.

REVISIONS

03/26/2024 REV/CITY
07/23/2024 REV
03/17/2025 REV/CITY
05/20/2025 REV/CITY
12/05/2025 REV/CITY
01/05/2026 REV/CITY
04/03/2026 REV/CITY

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EMAIL: JHI@bellsouth.net

Greenacres Shell & Offices
3067 Jog Road
GREENACRES, FLORIDA

Site Dimensional Plan

JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
1805-1259	CLJ	JHI	1"=20'	12-17-21

LEGEND

Φ00.0	PROP PAVT EL
Φ00.0	PROP CONC SW EL
◇	EXIST EL
•	CONTRACTOR TO FIELD VERIFY
CJ	CONTROL JOINT
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BE	BOTTOM EL
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
WS	WATER SERVICE
SS	SANITARY SERVICE
FM	FORCE MAIN
FM	FIRE MAIN
WW	WASTEWATER GRAVITY
	FIRE HYDRANT
PIV	POST INDICATOR VALVE
GV	GATE VALVE
TV	TAPPING VALVE
	VALVE
	FIRE DEPT CONNECTION
	CV CHECK VALVE
	DCDA–DBL CHCK DETECTOR ASSMBLY
	RPDA–REDUCED PRESS DET ASSMBLY
	WATER METER W/ REDUCED PRESSURE
	BACKFLOW PREV.
	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TC	TOP OF CONCRETE
TP	TOP OF PAVERS
UE	UTILITY EASEMENT
DE	DRAINAGE EASEMENT
LME	LAKE MAINTENANCE EASMT
LAE	LIMITED ACCESS EASMT
CO	CLEANOUT
	BORING NO. AND LOCATION
ERCP	ELLIPTICAL RCP
RCP	REINFORCED CONC PIPE
CAP	CORRUGATED ALUMINUM PIPE
HDPE	HIGH DENSITY POLYETHLENE PIPE
PVC	POLYVINYL PIPE
CMP	CORRUGATED METAL PIPE
0.0	PROP CONC EL
RWL	RAIN WATER LEADER

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

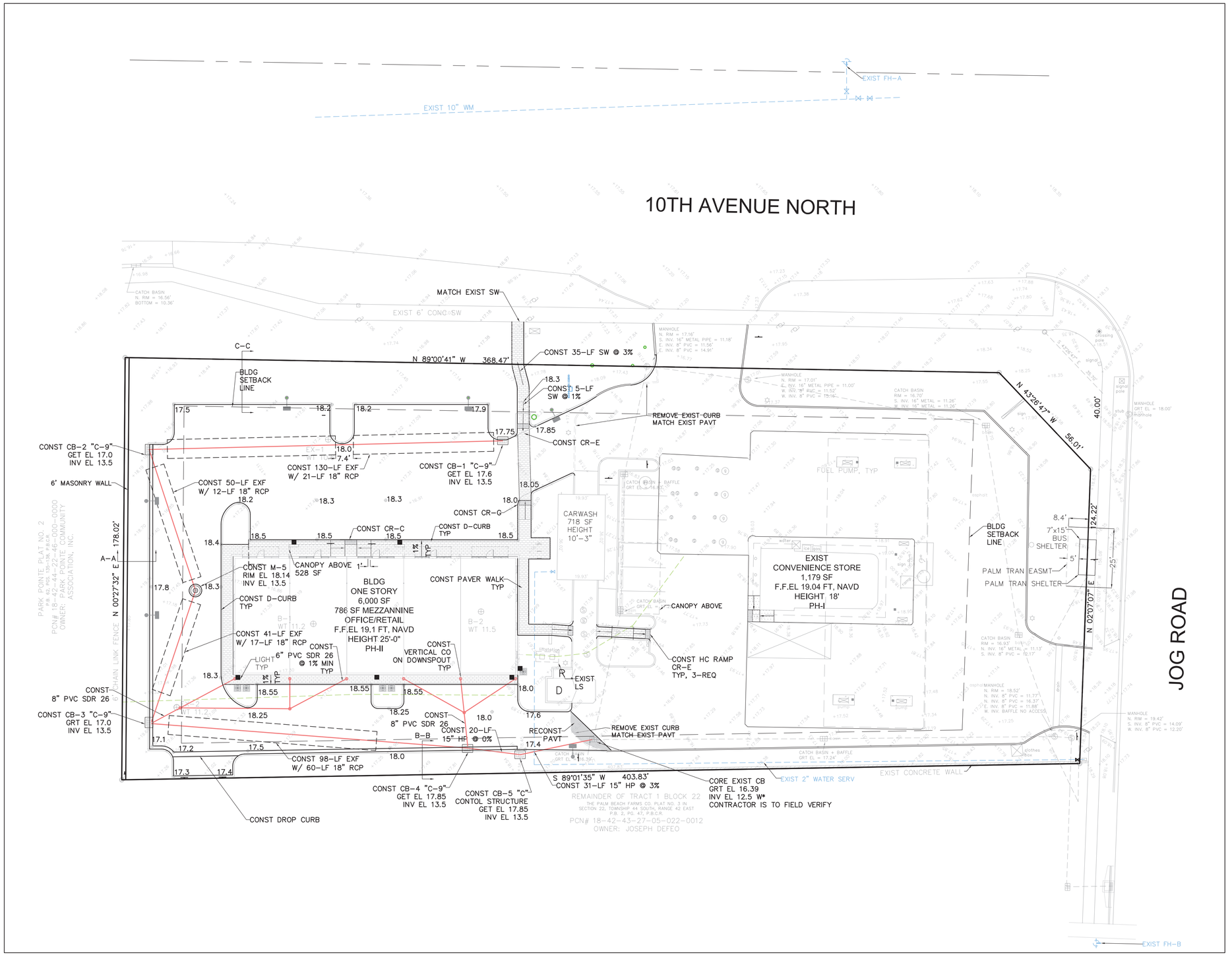
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JEFF H. IRAVANI
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STATE OF FLORIDA
PROFESSIONAL ENGINEER

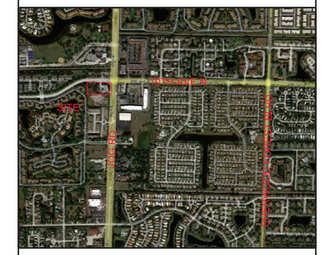
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Date: 2026.04.27 09:25:08 -04'00'

C–2



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

NOTES:

1. GRT EL OF TYPE-9 INLETS ARE AT AND 1/4" BELOW THE EDGE OF PAVT.
2. C-9 IS TYPE-C/E BOX W/TYPE-9 TOP USF 5130-6168.
3. ALL INLET GRATES SHALL BE USF HEAVY DUTY LOADING /AE.
4. ALL EXIST ELEV'S ARE BASED ON TOPGRAPHIC SURVEY BY ACCURATE LAND SURVEYORS, INC DWG# SU-95-1047 DATED 06/09/2023.
5. ALL ELEV'S ARE BASED NAVD 1988 DATUM.
6. THE FINAL LANDSCAPE GRADE AT BLDG SHALL BE 6" TYP, 3" MIN BELOW FIN FL ELEV.
7. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES, PIPES, SUBGRADE MATERIAL, BASE MATERIAL, ASPHALT PAVEMENT SPEC, CONCRETE MIX DESIGN AT THE MINIMUM PRIOR TO CONSTRUCTION.
8. INLETS SHALL BE PROTECTED DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
9. ALL RAISED CURBS D/F SHALL TERMINATE W/ A 2' TAPER.
10. ADS HP STORM PIPE MAY BE SUBSTIUED FOR RCP SUBJECT ENGINEER'S APPROVAL.
11. CR-X MEANS HANDICAP RAMP PER LATEST FDOT DESIGN STD INDEX 522-002 CR-X.
12. ALL ACCESSIBLE ROUTES INCLUDING HANDICAP RAMPS & DETECTABLE WARNINGS SHALL BE CONSTRUCTED IN ACCORD W/ 2010 USDOJ ADA REQ'S, LATEST FBC & FDOT IDESIGN STD'S INDEX 522-002.

LEGEND

⊕00.0	PROP PAVT EL
⊞00.0	PROP CONC SW EL
∅	EXIST EL
*	CONTRACTOR TO FIELD VERIFY
CJ	CONTROL JOINT
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BE	BOTTOM EL
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
WS	WATER SERVICE
SS	SANITARY SERVICE
FM	FORCE MAIN
FIM	FIRE MAIN
WW	WASTEWATER GRAVITY
	FIRE HYDRANT
PIV	POST INDICATOR VALVE
GV	GATE VALVE
TV	TAPPING VALVE
	VALVE
	FIRE DEPT CONNECTION
	CV CHECK VALVE
	DCDA-DBL CHCK DETECTOR ASSMBLY
	RPDA-REDUCED PRESS DET ASSMBLY
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TC	TOP OF CONCRETE
TP	TOP OF PAVERS
UE	UTILITY EASEMENT
DE	DRAINAGE EASEMENT
LME	LAKE MAINTENANCE EASMT
LAE	LIMITED ACCESS EASMT
CO	CLEANOUT
	BORING NO. AND LOCATION
ERCP	ELLIPTICAL RCP
RCP	REINFORCED CONC PIPE
CAP	CORRUGATED ALUMINUM PIPE
HDPE	HIGH DENSITY POLYETHLENE PIPE
PVC	POLYVINYL PIPE
CMP	CORRUGATED METAL PIPE
0.0	PROP CONC EL
RWL	RAIN WATER LEADER

48 HOURS BEFORE DIGGING
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NOTIFICATION CENTER

REVISIONS

03/26/2024 REV/CITY
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01/05/2026 REV/CITY
04/03/2026 REV/CITY

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Greenacres Shell & Offices
3067 Jog Road
GREENACRES, FLORIDA

Grading, Paving & Drainage Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12-17-21	1"=20'	JHI	CLJ	1805-1259

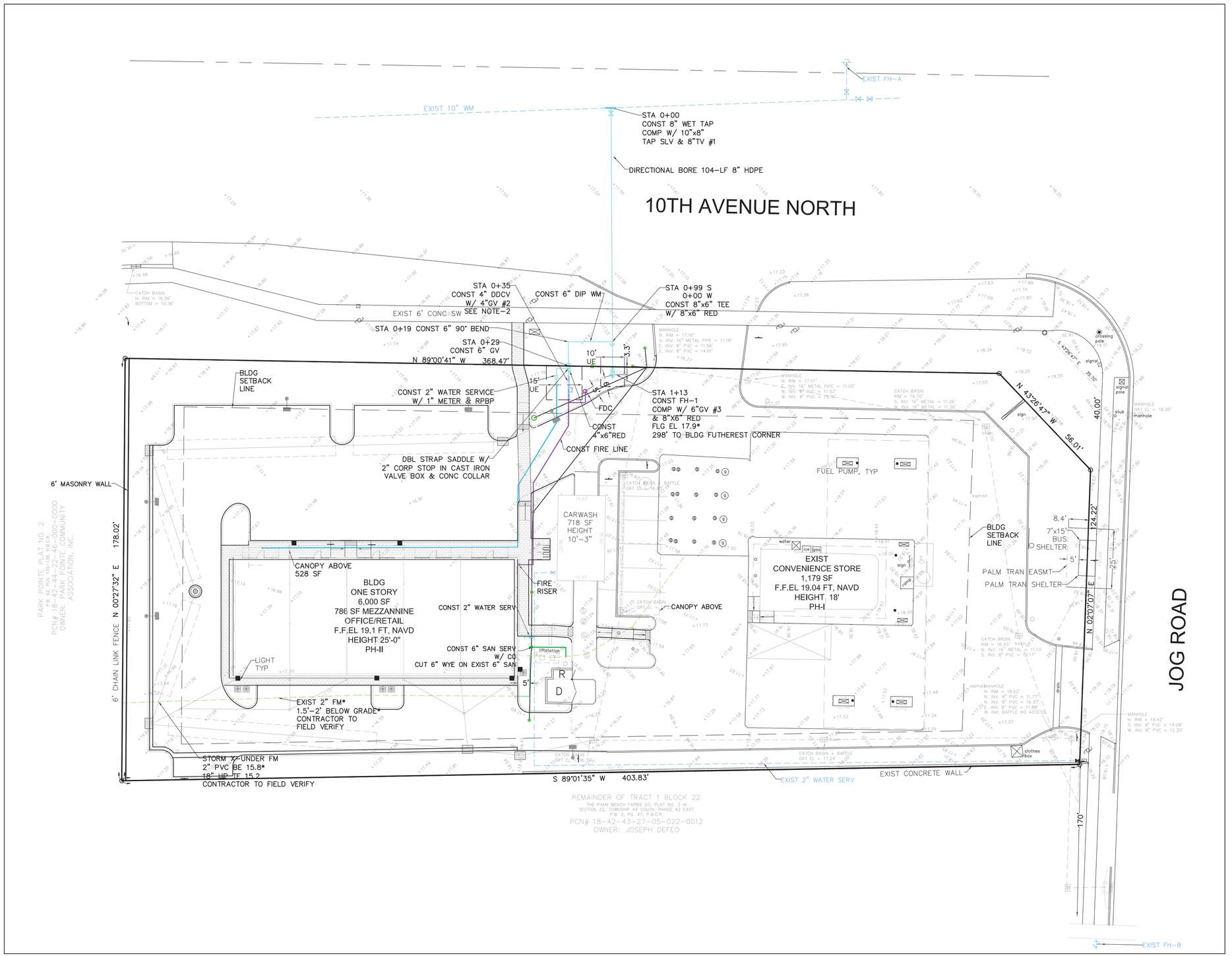
SEAL

JEFF H. IRAVANI
REGISTERED
No. 33155
STATE OF FLORIDA
PROFESSIONAL ENGINEER

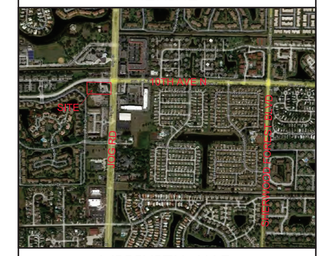
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Date: 2026.04.27 09:25:26 -04'00'

C-3



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

NOTES:

1. CONTRACTOR SHALL VERIFY SAN SERV INV EL @ BLDG W/ GC PRIOR TO CONSTRUCTION.
2. FIRE LINE AFTER DBL DET CHK VALVE (DDCV) AND/OR RED PRESS DET ASSEMBLY (RPDA) SHALL BE DESIGNED & CONSTRUCTED BY FL REG FIRE SPRINKLER CONTRACTOR WHO SHALL VERIFY SIZE & LOCATION OF ALL CONNECTIONS INCLUDING DDCV/RPDA & FIRE DEPT CONN'S (FDC).
3. WATER MAIN SHALL BE DIP OR PVC C-900 SDR-18. FIRE MAIN SHALL BE PVC C-900 SDR-14. SANITARY MAINS & SERVICES SHALL BE PVC SDR-26.
4. ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(b)3, F.A.C., USING BLUE AS AS A PREDOMINANT COLOR. UNDERGROUND PLASTIC PIPE WILL BE SOLID WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING THE MANUFACTURING OF THE PIPE WILL HAVE CONTINUOS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED NO-MORE THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER THE INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIP THE PIPE DURING THE INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.
5. EXACT LOCATION OF WATER SERVICE & FIRE LINE STUB OUTS TO BE VERIFIED WITH GC.
6. MECH ENG DESIGNING THE FIRE SPRINKLER SYSTRM FOR THE BLDG SHALL VERIFY THE FIRE LINE SIZE & NOTIFY ENG OF SIZE REDUCTION IF ANY.
7. CONTRACTOR SHALL CLEAN & FLUSH THE WATER LINE & PERFORM A ONE HR P&L TEST (150 PSI) ON THE WM PER PBCWUD REQ'S.
8. CONTRACTOR SHALL VERIFY TAHT LIFT STATION PUMP IS FUCNTIONING PROPERLY BY HAVIUNG IT INSPECTED BY A LIFT STA MAINTENANCE COMPANY & SHALL PROVIDE ENGINEER OF ALL FLOATS AND LIFT STATION BOTTOM ELEVATIONS.

LEGEND	
⊕00.0	PROP PAVT EL
⊞00.0	PROP CONC SW EL
⊙	EXIST EL
+	CONTRACTOR TO FIELD VERIFY
CJ	CONTROL JOINT
INV EL	INVERT EL
CB	CATCH BASIN
YD	YARD DRAIN
BE	BOTTOM EL
TE	TOP EL
EXF	EXFILTRATION TRENCH
WM	WATER MAIN
WS	WATER SERVICE
SS	SANITARY SERVICE
FM	FORCE MAIN
FIM	FIRE MAIN
WW	WASTEWATER GRAVITY
	FIRE HYDRANT
PIV	POST INDICATOR VALVE
GV	GATE VALVE
TV	TAPPING VALVE
	VALVE
	FIRE DEPT CONNECTION
	CV CHECK VALVE
	DCDA-DBL CHK DETECTOR ASSMBLY
	RPDA-REDUCED PRESS DET ASSMBLY
	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV.
S	SAMPLE POINT
MES	MITERED END SECTION
F.F.EL	FIN FLOOR ELEV
F.L.EL	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TC	TOP OF CONCRETE
TP	TOP OF PAVERS
UE	UTILITY EASEMENT
DE	DRAINAGE EASEMENT
LME	LAKE MAINTENANCE EASMT
LAE	LIMITED ACCESS EASMT
CO	CLEANOUT
	BORING NO. AND LOCATION
ERCP	ELLIPTICAL RCP
RCP	REINFORCED CONC PIPE
CAP	CORRUGATED ALUMINUM PIPE
HDPE	HIGH DENSITY POLYETHLENE PIPE
PVC	POLYVINYL PIPE
CMP	CORRUGATED METAL PIPE
0.0	PROP CONC EL
RWL	RAIN WATER LEADER

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
NOTIFICATION CENTER

REVISIONS

03/26/2024 REV/CITY
07/23/2024 REV
03/17/2025 REV/CITY
05/20/2025 REV/CITY
12/05/2025 REV/CITY
01/05/2026 REV/CITY
04/03/2026 REV/CITY

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EMAIL: JHI@bellsouth.net

Greenacres Shell & Offices
3067 Jog Road
GREENACRES, FLORIDA

Water & Wastewater Plan

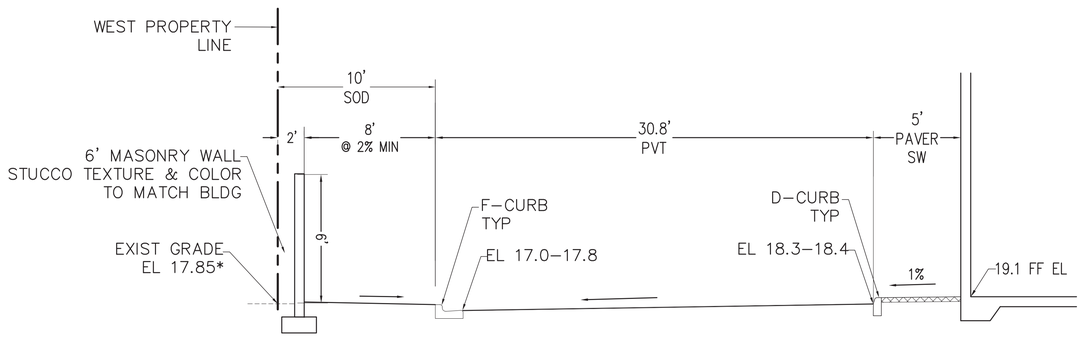
JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
1805-1259	CLJ	JHI	1"=20'	12-17-21

JEFF H. IRAVANI
LICENSED
No. 33155
STATE OF FLORIDA
PROFESSIONAL ENGINEER

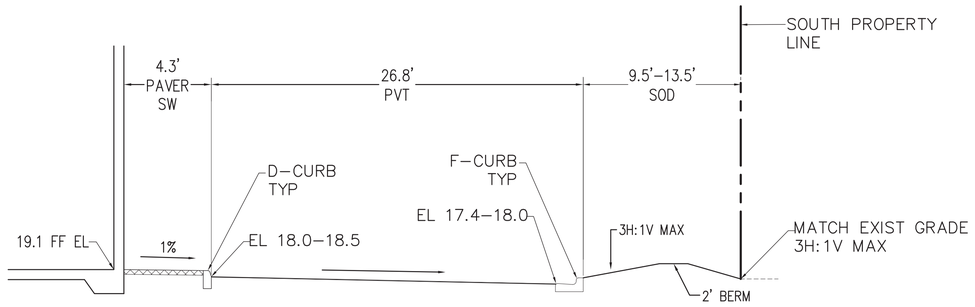
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Date: 2026.04.27 09:25:45 -04'00'

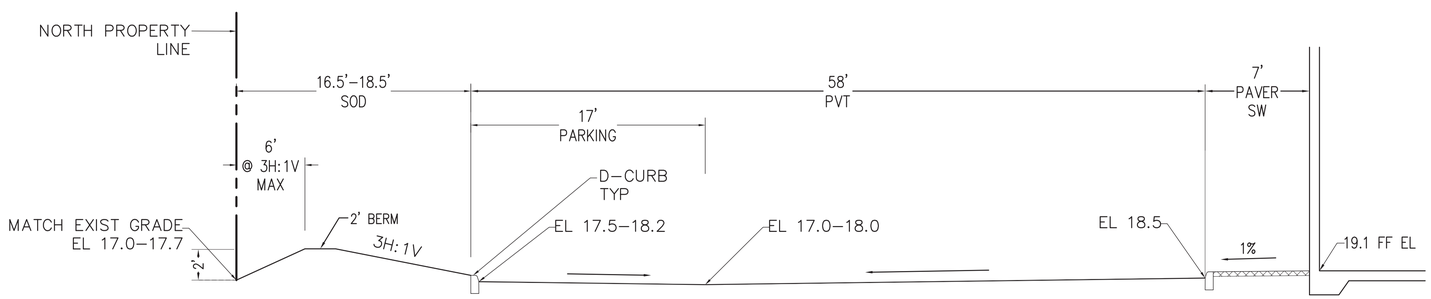
C-4



West Property Line
Section A-A



South Property Line
Section B-B



North Property Line
Section C-C

REVISIONS

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Greenacres Shell & Offices
3067 Jog Road
Greenacres, Florida

Sections

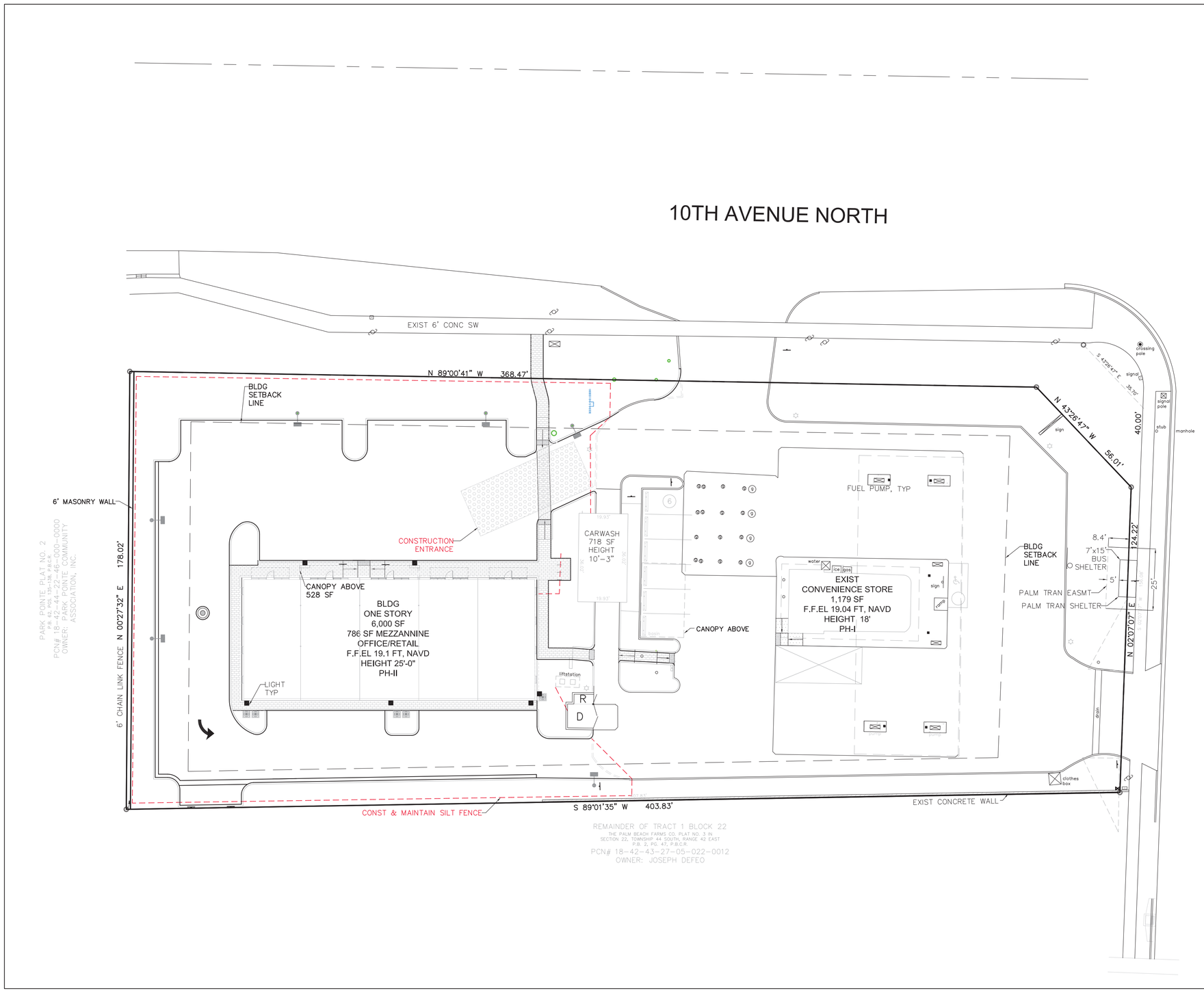
DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12/17/2021	NTS	JBI	JBI	1805-1259

JEFF H. IRAVANI
LICENSE
No. 33155
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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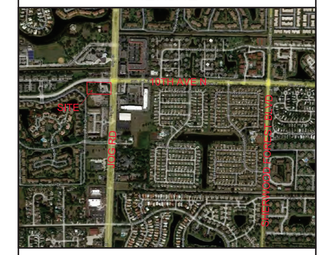
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Date: 2026.04.27 09:27:20 -04'00'

F.A. # 6986

SHEET NO.
C-7



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

NOTES:

1. THE SILT FENCE SHALL BE INSTALLED PRIOR TO START OF CONSTRUCTION. THE SILT FENCE SHALL BE INSTALLED AROUND THE ENTIRE CONSTRUCTION AREA AS SHOWN ON THE PLANS.

2. FILTER FABRIC SHALL BE INSTALLED UNDER THE GRATES AFTER STORM INLETS HAVE BEEN CONSTRUCTED. THE FILTER FABRIC SHALL NOT BE REMOVED UNTIL ALL LANDSCAPING, INCLUDING SOD, HAS BEEN INSTALLED.

3. CONSTRCUTION ENTRANCE SHALL CONSIST OF A 25'Wx50'L AREA WITH 6" DEEP #1 FDOT AGGREGATE. THESES ENTRANCES SHALL BE CONSTRUCTED AS SHOWN ON THE POLLUTION PREVENTION PLAN. CONSTRUCTION ENTRANCES SHALL BE THE ONLY MEANS OF INGRESS/EGRESS FROM CONSTRUCTION AREAS.

REVISIONS

03/26/2024 REV/CITY
07/23/2024 REV
03/17/2025 REV/CITY
05/20/2025 REV/CITY
12/05/2025 REV/CITY
01/05/2026 REV/CITY
04/03/2026 REV/CITY

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Greenacres Shell & Offices
3067 Jog Road
GREENACRES, FLORIDA

Pollution Prevetion Plan

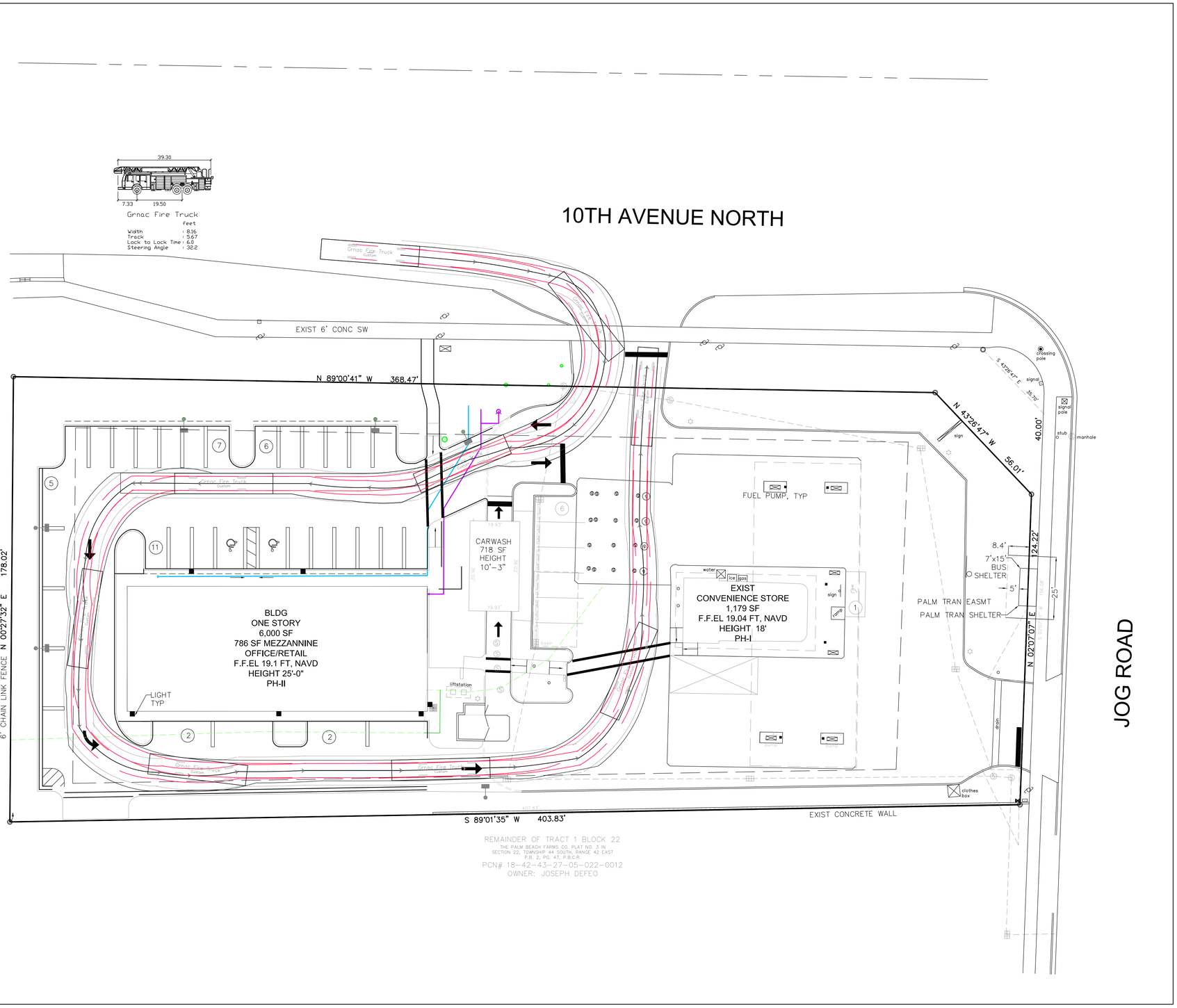
JOB NO.	DRAWN BY	DESIGNED BY	SCALE	DATE
1805-1259	CLJ	JHI	1"=20'	12-17-21

JEFF H. IRAVANI LICENSE No. 33155 STATE OF FLORIDA PROFESSIONAL ENGINEER

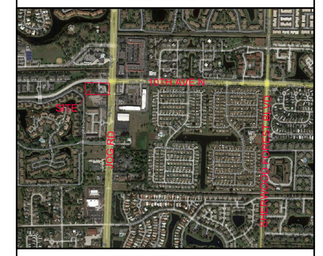
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Date: 2026.04.27 08:32:38 -04'00'

C-16



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

REVISIONS

03/26/2024 REV/CITY
07/23/2024 REV
03/17/2025 REV/CITY
05/20/2025 REV/CITY
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04/03/2026 REV/CITY

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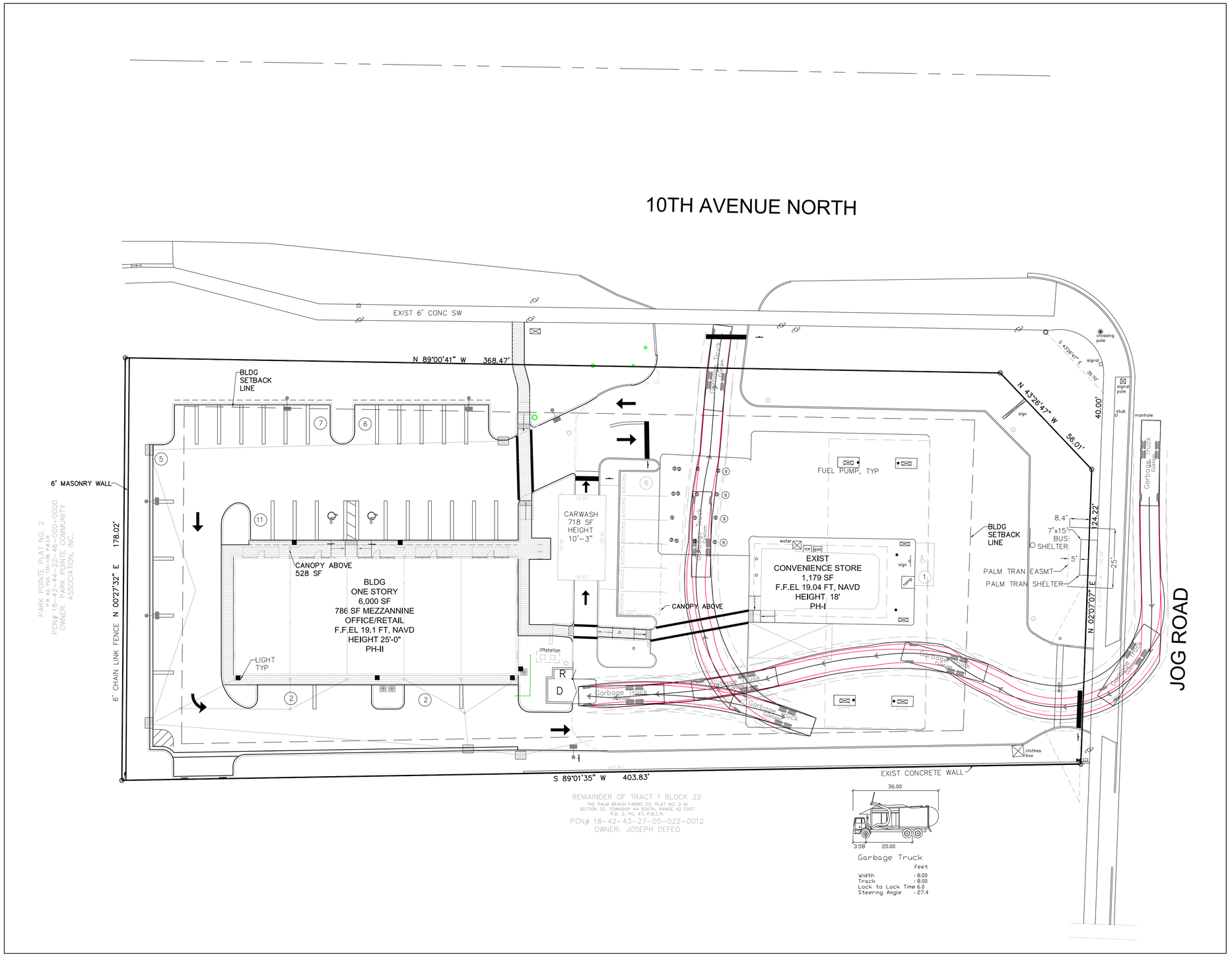
Fire Truck Circulation Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12-17-21	1"=20'	JHI	CLJ	1805-1259

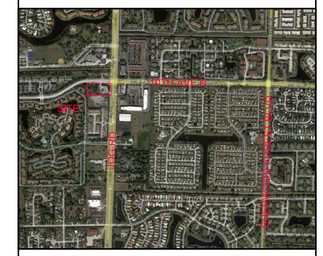
SEAL

FR # 6986

FT-1



AERIAL



VICINITY MAP

N

20' 0 10' 20' 40'

SCALE: 1" = 20'

REVISIONS

03/26/2024 REV/CITY
07/23/2024 REV
03/17/2025 REV/CITY
05/20/2025 REV/CITY
12/05/2025 REV/CITY
01/05/2026 REV/CITY
04/03/2026 REV/CITY

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WEBSITE: www.JHIinc.com

Greenacres Shell & Offices
3067 Jog Road
GREENACRES, FLORIDA

Garbage Truck
Circulation Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
12-17-21	1"=20'	JHI	CLJ	1805-1259

SEAL

FR # 6986

GT-1

LITHONIA LIGHTING

Catalog Number
Notes
Type

Direct Burial

RTFDB

ROUND TAPERED FIBERGLASS
DIRECT BURIAL POLE
14' TO 35' FIXTURE MOUNTING

FEATURES & SPECIFICATIONS

INTENDED USE — Round tapered direct burry (embedded) fiberglass general purpose pole for up to 35 foot mounting heights.

CONSTRUCTION — Reinforced composite shaft incorporating "E" type fiberglass and glassmineral, UV inhibiting, thermosetting polyester resin.

Pole Top: Options include 4" bosse ring, drilled for tenon mount fixture, tenon with drilling (includes extra handhole) and open top. Side drilled and open top pole include a removable top cap.

Handhole: Anchored, 3-1/2" x 5" oval handhole with grounding provision is provided at 18" above grade. Every handhole includes a cover and corrosion resistant hardware.

HARDWARE — Stainless steel high-strength galvanized, zinc plated or stainless steel.

FINISH — Shaft is painted with a gray polyurethane top coat providing a minimum 1.5 mils film thickness and smooth surface finish. Matt specify finish.

INSTALLATION — Use as tenon / poles without leveling fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claims for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed inner-liberty upon delivery to prevent finish damage. Lithonia Lighting's not responsible for the installation design.

WARRANTY — 1-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** RTFDB 18 4X DM19AS DDBXD

RTFDB Series	Nominal or Tenon mounting height	Nominal shaft base size and wall thickness	Mounting[1]	Options	Finish[2]
RTFDB	14' - 14' (See technical information table for complete ordering information.)	4X 4" shaft O.D. 6-4X 4.4" shaft O.D. 6-7X 4.7" shaft O.D. 8-3X 8.3" shaft O.D. 8-4X 8.4" shaft O.D. 8-5X 8.5" shaft O.D. 11-8X 11.8" shaft O.D. See technical information table for complete ordering information.)	Tenon mounting[3] PT Open top (pick top only) T20 2-3/8" O.D. (2.7" RPO) T25 3-3/8" O.D. (3.2" RPO)	CUSTOM DRILLING PATTERN[4] (Add to the ordering) DM19AS 1 at 90° DM28AS 2 at 180° DM29AS 2 at 90° DM42AS 3 at 120° DM43AS 3 at 90° DM49AS 4 at 90° DM39AS 4 at 90° DM19DS 1 at 180° DM28DS 2 at 180° DM29DS 2 at 90° DM42DS 3 at 120° DM43DS 3 at 90° DM49DS 4 at 90°	Shipped installed SP Tamper proof HA Mtng Hardwired wire bracket (3 inches)[5] FDLXP Factory installed tenon mounted electrical box[6] CW120mg 1/2" coupling[7] CW1Hmg 3/4" coupling[7] CW1Amg 1" coupling[7] WR120mg 1/2" threaded stopper[7] WR1Hmg 3/4" threaded stopper[7] DMHmg 3" threaded nipple[7] DMHmg Extra handhole[8]	Super Durable Paint Colors DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSAXD Sandstone DGYXD Charcoal gray DTGXD Tennis green DBLBXD Budgrid red DSSXD Silver blue DBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

NOTES:
1. Refer to the tenon spec sheet for tenon drilling template, pattern and orientation compatibility.
2. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM29DS 2@ 180 with handhole included as required and to backhole.
3. Refer to the tenon spec sheet for tenon drilling template, pattern and orientation compatibility.
4. DM19AS, DM28AS and DM42AS require a minimum top OD of 3.5 (4.0 RPO). DM49AS and DM49DS requires minimum top OD of 4.527.
5. Specify hardwired exterior tenon mounting option. For "x" specify the height in feet above base of pole. For "y" specify 1, 2, 3 or 4 fixtures. For "z" specify orientation. Refer to the Multi-Fixture Orientation diagram below. Example: 32" mounting at 0°, 2 oriented at +/- 45°, 135: 4F
6. Hardwired electrical box for tenon mounting. Includes 1/2" and 3/4" knockouts.
7. Refer to the Multi-Fixture Orientation diagram below. Example: 32" mounting at 0°, 2 oriented at +/- 45°, 135: 4F
8. Factory-installed handhole. Specify location. Not available with DM19AS, DM19DS, DM28AS, DM28DS, DM29AS, DM29DS, DM42AS, DM42DS, DM43AS, DM43DS, DM49AS, DM49DS.
9. Field-installed handhole. Specify location.

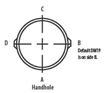
RTFDB Round Tapered Fiberglass Poles – Direct Burial

TECHNICAL INFORMATION — EPA (SF) with 1.3 gust

Catalog number	Nominal mounting height (Ft.)	Embed mount Depth (Ft.)	Pole/shaft size (in. O.D. x Ft.)	Max. EPA (Ft²) 20 MPH	90 MPH	100 MPH	Max. weight	Approximate slip weight (lbs.)
RTFDB 18-4X	14	4	4.5 x 4.1 x 18	14.0	10.4	7.9	130	34
RTFDB 20-4X	16	4	4.4 x 4.1 x 20	13.0	7.4	5.5	100	38
RTFDB 24-7X	20	4	4.7 x 4.1 x 24	8.2	5.8	4.1	110	46
RTFDB 30B-3X	25	5	8.2 x 6.5 x 30	6.2	4.7	3.4	180	71
RTFDB 30B-4X	25	5	8.4 x 6.7 x 30	14.5	11.2	8.9	200	98
RTFDB 35A-4X	30	5	8.4 x 6.7 x 35	10.5	8.0	6.2	200	116
RTFDB 35A-5X	30	5	8.5 x 6.9 x 35	14.6	11.4	9.0	300	153
RTFDB 41 11-8X	35	6	11.8 x 6.4 x 41	14.3	10.8	7.8	300	216

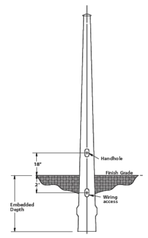
NOTE: AASHTO 2013 allows for the most conservative setting EPA calculation.

HANDHOLE ORIENTATION



IMPORTANT INSTALLATION NOTES:
- Do not cast poles without having fixture installed.
- If pole cover does break-off, pole base for warranty must be removed immediately. Ignore this to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.

POLE DETAIL



CAUTION: These specifications are intended for general purpose only. If Acuity Lighting reserves the right to change material or design, without prior notice, to a continuing effort to upgrade its products.

LITHONIA LIGHTING
One Lithonia Way Conyers, Georgia 30012 Phone: 800-705-SERV (7378) www.lithonia.com
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Rev. 7/6/2023
POLE-RTFDB

Ordering Information

Accessories
Ordered and shipped as separate accessory

BLCLDT LB Finish: DL-black 6-8 LB (2.7 lb)*
DLL3MT-LSS-DI Finish: DL-black 6-8 LB (3.9 lb)*
RLAM-T20 DL-XD Finish: DL-black 5-6 LB (1.9 lb)*
DLAM-DB Finish: DL-black 6-8 LB (3.9 lb)*
DSBXD-DB Square pole adapter (pole drilling required)
RLBXD-DMDB Round pole adapter (pole drilling required)
DLBXD-DMDB Square pole square drilling (specify hole)
DLBXD-DMDB Square pole round drilling (specify hole)
DSBXD-DB-DMDB External pole adapter (specify finish)

NOTES
1. Mounting options and hardware for poles: PT0, PT1, PT2 and PT3. Mount to concrete and #6 gauge (.135) or 5/16 (.312) steel poles. Not for use on aluminum poles. Not for use with DSX0 LED P1 40K 80CRI BLC4 luminaire with BLC-C. Contact Technical Support for other possible combinations.
2. TOOL, TOOL BLCC, BLCW, LCCC, WCCC not available with option A15.
3. WSCC, driver operates on only the voltage from 120-277V (50/60 Hz).
4. WSCC, driver operates on only the voltage from 347-480V (50/60 Hz).
5. WSCC not available with voltage 347-480V. WSCC not available with option HZ, MSP, or PIR.
6. WSCC not available with options P7, P8, P9, P10, P11, P12, P13, P14, P15, P16, P17, P18, P19, P20, P21, P22, P23, P24, P25, P26, P27, P28, P29, P30, P31, P32, P33, P34, P35, P36, P37, P38, P39, P40, P41, P42, P43, P44, P45, P46,

DEVELOPMENT & NEIGHBORHOOD SERVICES STAFF REPORT AND RECOMMENDATION

I. Project Description:

Project: Greenacres Shell & Office/Retail

Applicant: Jeff H. Iravani, P.E. of Jeff H. Iravani, Inc.
1934 Commerce Ln-5
Jupiter, FL 33458
Authorized agent for the owners:
M & A BROTHERS REALTY NO 3 INC.

Request: Major Site and Development Plan Amendment including a Master Sign Plan to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on an existing site including a convenience store with fuel sales.

Location: 3067 South Jog Road. Southwest corner of 10th Avenue North and South Jog Road.



Subject property is outlined in red. ↑ N

Project Manager: Gionni Gallier, Assistant Director of Development & Neighborhood Services

II. Site Data:

Existing Use: Convenience Store with Fuel Sales and car wash

Proposed Use: Add 6,786 square feet of office/retail. Existing Uses to remain.

Parcel Control Number: 18-42-43-27-05-022-0013

Parcel Size: 68,669 square feet (1.58 acres)

Existing Future Land Use: Commercial (CM)

Existing Zoning District: Commercial General (CG)

Table 1: Surrounding Land Use, Future Land Use Designation, and Zoning District:

Direction	Existing Land Use	Future Land Use Designation	Zoning District
North	KinderCare (Child Care)	Commercial (CM)	Commercial General (CG)
South	Greenacres Farmers Market	Commercial (CM)	Commercial Neighborhood (CN)
East	Mobil (Convenience Store/Fuel)	Commercial (CM)	Commercial General (CG)
West	Park Pointe PUD	Residential Medium (RM)	Residential Medium Density – 2 (RM-2)

III. Site History:

While the site was within Palm Beach County, a Special Exception, along with site plan review, for a convenience store with fuel sales and a car wash, concurrent with a rezoning from County AR to County CG/SE, was approved by the County on March 26, 1992 [PCD-90-37, Resolution R-92-945 (Site Plan), and Resolution R-92-944 (Rezoning)]. The property was then annexed into the City of Greenacres on February 7, 1994, through ANX-93-03 by Ordinance 94-01. The convenience store with fuel sales and a car wash were developed with a City Site Plan number (SP-96-05) and subsequently received a Certificate of Occupancy on March 19, 1997. In 1998, the Future Land Use Map designation was changed to Commercial (CM) via CPA-97-03G. On November 28, 2000, the City approved Site Plan Amendment SP-96-05B to add an outside detailing area adjacent to the car wash. On September 13, 2010, the City Council approved ZC-10-03 by Ordinance 2010-18, rezoning the property from Palm Beach County General Commercial with Special Exception (PBC CG/SE) to City Commercial General (CG), consistent with the Commercial (CM) Future Land Use designation.

IV. Applicable Code Provisions:

Sections 16-196 through 16-202 pertaining to Site and Development Plans
Sections 16-211 through 16-214 pertaining to Site and Development Plan Amendments
Sections 16-471 through 16-495 pertaining to the Commercial General (CG) zoning district
Section 16-767 pertaining to Outdoor Lighting Regulations
Sections 16-931 through 16-997 pertaining to Sign Regulations
Sections 16-1241 through 16-1312 pertaining to Landscaping
Sections 16-1331 through 16-1340 pertaining to Off-Street Parking and Loading

V. Summary of Proposed Site and Development Plans Details:

The applicant's Site and Development Plans depict the following:

1. A total land area of 1.58 acres (68,669 square feet).
2. Existing convenience store (~1,179 square feet), gas canopy (~4,387 square feet) and car wash (~718 square feet) to remain.
3. Proposed one-story office/retail 6,000 square foot building with a 786 square foot mezzanine.
4. A total of 40 parking spaces including three (3) Americans with Disabilities Act (ADA) accessible parking spaces.
5. Two (2) existing ingress and egress points, one (1) onto 10th Avenue North and one (1) onto Jog Road. One (1) sidewalk connection to 10th Avenue North. One (1) future cross-access connection to the commercial property to the south, to be established upon redevelopment of the adjoining property.
6. A dumpster enclosure with dumpster elevations constructed of block, finished with stucco painted to match the building, and equipped with the required gates.

Table 2: Proposed Site Data:

Area:	Square Footage:	Acreage:	Percentage:
Building Coverage (including covered canopies)	13,313	0.31	19.6%
Site Impervious Area (excluding Building Coverage)	37,380	0.86	54.4%
Site Landscape Area	17,976	0.41	26%
Total	*68,669*	*1.58*	*100%*
Total Floor Area	*8,683*	*0.199*	*12.6%*

VI. Staff Analysis:

The applicant is requesting approval of a Major Site and Development Plan Amendment (SP-96-05D) and concurrent Master Sign Plan (MSP-26-02) for the existing Shell service station site located at 3067 South Jog Road, at the southwest corner of South Jog Road and 10th Avenue North. The proposed amendment would allow construction of a new 6,000-square-foot office/retail building with a 786-square-foot mezzanine for office/retail, for a total proposed new building area of 6,786 square feet. The existing 1,179-square-foot convenience store with fuel sales, associated fuel canopy, and 718-square-foot car wash will remain.

The proposed amendment includes revisions to the site's parking, internal circulation, pedestrian access, lighting, landscaping, buffering, and signage. The amended Site Plan provides a total of 40 parking spaces, including three (3) ADA accessible parking spaces. The site will maintain the two existing vehicular access points, consisting of one access point on 10th Avenue North and one access point on South Jog Road. The plan also introduces a proposed cross-access connection to the commercial property to the south, intended to reduce reliance on direct arterial access, improve site connectivity, and support emergency access consistent with the City's site and building design standards in Section 16-198, as well as Comprehensive Plan transportation policies encouraging interconnectivity between adjacent properties.

The proposal includes a sidewalk connection from 10th Avenue North to the proposed office/retail building, with decorative paver crossings incorporated to define pedestrian movement through the site. Along South Jog Road, the site contains an existing Palm Tran bus stop without a shelter. The project is required to provide the City-standard transit shelter and associated easement, subject to final coordination with the City, Palm Tran, and applicable right-of-way requirements.

The county's original 1992 approval of the site had a condition of approval requiring the establishment of a preserve with a Preserve Area Management Plan. The Preserve Area Management Plan as a condition of the original approval, required the preservation and long-term management of the existing native vegetation within the preserve area, including the existing Slash Pine trees, and required plantings within the Preservation Area consisting of a minimum of fourteen (14) trees. Certain trees within the preserve area meet the exception under Section 16-1249 where if a tree constitutes an unreasonable impediment to continuance or development of a permitted use of the property by virtue of its location in a buildable area where structures or improvements are to be placed and, at the determination of the city, suitable alternatives do not exist. The current Major Site and Development Plan Amendment modifies the prior preserve-area configuration to accommodate redevelopment of the site with a new office/retail building and associated parking, circulation, landscaping, and buffering improvements.

The Landscape Plan proposes perimeter buffering, interior parking/foundation landscaping, and supplemental plantings intended to screen the site, soften the appearance of vehicular use areas, and improve compatibility with adjacent residential and commercial properties. A six-foot masonry wall is proposed along the western property line adjacent to the Park Pointe residential development. Staff reviewed the proposed Landscape Plan in relation to the prior vegetation protection condition. The Tree Disposition demonstrates the proposed removals, relocations, and preservation credits balance under the City's tree disposition methodology and the amended plan provides mitigation through preserved and relocated trees and palms, enhanced new landscape material exceeding minimum planting size and quantity for interior landscaping.

The architectural elevations depict a one-story office/retail building with a maximum height of

approximately 25 feet, which is compatible in scale with the existing site, surrounding commercial development, and remains below the maximum height of 35-foot that is permitted in the Commercial General (CG) zoning district. The proposed building incorporates elements consistent with the City's site and building design objectives under Section 16-198, including storefront glazing, varied materials, façade articulation, horizontal siding, and complementary colors that provide visual interest and compatibility with the existing site and surrounding commercial context. The plans also incorporate sustainability measures, including a white TPO cool roof.

The elevations further integrate designated tenant sign-band areas above the storefronts, with signage subject to the concurrently processed Master Sign Plan (MSP-26-02). The proposed signage package aligns with the overall architectural intent and meets the requirements of the sign regulations, including internally illuminated channel letters, with trim caps and returns to match the color of the letters; letters shall be red with a font of Arial Narrow Bold.

The development is required to pay the City's impact fee at the current rate of $2.80 per square foot of gross non-residential floor area per Section 16-201. Therefore, an amount of **$19,000.80** shall be paid prior to the issuance of Building Permits based on the building square footage of 6,786 square feet.

The Development Review Committee (DRC) reviewed this application and recommended approval subject to the comments noted herein and the conditions of approval listed below.

Standards for Site and Development Plans and Staff Findings:

1.	Minimum Lot Requirement:	The site area of 1.58 acres **exceeds** the minimum requirement of 1 acre.
2.	Maximum Lot Coverage:	Building coverage of **19.6%** does not exceed the maximum of **30%.**
3.	Minimum Yard Requirements:	Setbacks **meet** all requirements of 50' front, 25' side corner, 15' side interior and 25' rear.
4.	Height Restrictions:	The proposed 1-story building height including the mezzanine of 25' does **not exceed** the allowable height of 35' and is compatible with the existing convenience store building height of 18'.
5.	Off-Street Parking & Loading:	The 40 parking spaces provided **meets** the minimum required 40 parking spaces, based on the code requirement of 1 space per 200 square feet of gross floor area.
6.	Landscaping:	The landscaping plan **complies** with the applicable Landscape Code requirements. (See Landscaping Plans)
7.	Lighting:	The photometric plan **complies** with the applicable City Code requirements for lighting. All lighting must be dark-sky compliant. (See Photometric Plans)
8.	Sign Regulations:	Signs on-site, as detailed in Master Sign Plan MSP-26-02, **meet** the required applicable City Code requirements including for wall signs: internally illuminated channel

		letters, with trim caps and returns to match the color of the letters; letters shall be red with a font of Arial Narrow Bold and logos shall not exceed 50% of the sign area. (Refer to Sign Plan on Sheet AE-03)
9.	Drainage/Utilities:	The proposed water, sanitary sewer, and drainage systems **meet** preliminary engineering and City Code requirements, subject to final approval of an Engineering Permit and prior to the issuance of a Building Permit.
10.	Concurrency:	Project **meets** traffic concurrency, a City-standard transit shelter is required, and an easement is to be provided. Water and Sewer service and capacity **are available** to serve the site.
11.	Comprehensive Plan:	The proposed development **is consistent** with the Commercial (CM) future land use category, and the proposed intensity of 0.126 FAR **does not exceed** the maximum allowable intensity of 0.35 FAR. The site is located at the South Jog Road and 10th Avenue North intersection, which functions as a secondary activity center node in the Comprehensive Plan.
12.	Color Scheme:	The color of the building **shall be** in accordance with the approved Site and Development Plans.
13.	Site and Building Design:	The project layout and architectural design **comply** with the site and building design requirements of the Code and are appropriately scaled for this development type.
14.	Hours of Operation:	The applicant has requested to **maintain** the site's existing hours of operation, 6:00 a.m. to 12:00 a.m., 7 days a week. The existing hours are compatible with the surroundings, given the adjacent commercial context, the site's location along South Jog Road, a major arterial thoroughfare, and the proposed buffering to the west.

VII. Staff Recommendation:

Approval of SP-96-05D and MSP-26-02 with the following conditions:

1. The most stringent requirements of this DNS Staff Report and Recommendation dated May 08, 2026, and strict compliance with the Site and Development Plans exhibits stamped approved by the City of Greenacres, and listed below, which are attached hereto and made part hereof as Exhibit "A"
   A. SP-96-05D Greenacres Shell & Office/Retail - **Site Plan**, Sheets SP-0 through SP-4, received by DNS on April 27, 2026, and prepared by Jeff H. Iravani, P.E. / Jeff H. Iravani, Inc.
   B. SP-96-05D Greenacres Shell & Office/Retail – **Landscape and Tree Disposition Plan,** Sheets LP-1 through LP-5, received by DNS on June 05, 2026, and prepared by Donaldson E Hearing of Cotleur & Hearing

C. SP-96-05D Greenacres Shell & Office/Retail - **Photometric Plan,** Sheet PSP-1, received by DNS on April 27, 2026, and prepared by Andrew Youngross of Thompson & Youngross Engineering Consultants, LLC
D. SP-96-05D Greenacres Shell & Office/Retail - **Architectural Plan and Master Sign Plan,** Sheets AE-01 through AE-03, received by DNS on April 27, 2026, and prepared by James M Stergas of Stergas & Associates, AIA.
E. SP-96-05D Greenacres Shell & Office/Retail - **Civil/Engineering Plan**, Sheets C-2 through C-16, received by DNS on April 27, 2026, and prepared by Jeff H. Iravani, P.E. / Jeff H. Iravani, Inc.

2. The project shall be required to pay the City's non-residential impact fee pursuant to Section 16-201. At the current rate of $2.80 per square foot of gross non-residential floor area, the impact fee is estimated at **$19,000.80**, based on 6,786 square feet of proposed gross non-residential floor area. The final amount due shall be calculated at the rate in effect at the time of payment and shall be paid prior to the issuance of any Building Permits. (Planning and Building)

3. The project shall be required to pay the City's Arts in Public Places (AIPP) public art fee if the total construction costs is two hundred fifty thousand dollars ($250,000) or greater, in accordance with Section 16-661. If applicable, the public art fee shall be equal to one (1) percent of the total construction costs of the project. The contribution shall be placed in the city's public art fee fund, and the contributor shall have no input in the use of such funds. The contribution shall be divided into two (2) payments as follows:
   A. **Prior to Building Permit Issuance**: The developer shall submit to the building division/finance department a preliminary certification of the total construction costs. This preliminary certification shall be used to calculate the developer's initial payment of thirty (30) percent of the contribution. The developer shall make this initial payment to the building division/finance department prior to the issuance of any building permit.

   B. **Prior to Issuance of the Final Certificate of Occupancy**: The developer shall submit to the building division/finance department a final certification of the total construction costs. This final certification shall be used to calculate the outstanding portion of the contribution. The developer shall pay the outstanding portion of the contribution prior to the issuance of the final certificate of occupancy for the project.

4. The project shall participate in the City Tree Dedication Program per Section 16-1293; prior to the issuance of any Building Permits, one (1) tree to be donated per 1,000 sq. ft. of building area or fraction thereof, therefore **seven (7) Live Oaks or equivalent cash payment** shall be donated to the City subject to the following specification: Live Oak, Florida Grade #1 Container Grown; minimum 12 ft. high; 2 inch diameter trunk at 4 ft.; and 5 ft. spread. (Planning and Building)

5. Prior to issuance of any Certificate of Occupancy, a standard City of Greenacres bus shelter shall be acquired and installed by the developer at the transit easement location, subject to final coordination with the City, Palm Tran, Palm Beach County, and applicable right-of-way requirements. The shelter shall be the permanent maintenance obligation of the property owner, including the removal of any trash, garbage, debris, or other waste material, upkeep of all landscaping, electricity for the shelter security light, and keeping the easement and overall site free of dangerous conditions. The developer, successors, or assigns shall be permitted to post surety for the improvement to facilitate the release of the final Certificate of Occupancy.

6. Any site permits required and/or obtained shall be maintained in an active status with the respective permitting agency until all the work covered by the permit is satisfactorily completed, any applicable inspections passed and officially closed out with the City. (Building, Planning, Engineering and Public Works)

7. Permits from the South Florida Water Management District (SFWMD), Lake Worth Drainage District (LWDD), and Palm Beach County Land Development, as required, for the stormwater management system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

8. Permits from the Health Department for modifications to the water and sewer system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

9. An Engineering Permit, issued by the City of Greenacres, is required prior to any sitework or construction activities outside of the proposed structures and work related to subdivision and/or development improvements taking place. The Engineering Permit must be closed out before any Certificates of Occupancy (CO) are issued for any buildings or structures. No Engineering Permit shall be issued for construction or work until an approved cost estimate and a bond for all sitework has been posted. Once site work is complete, a maintenance bond will be required prior to the close out of the engineering permit. (Engineering)

10. Upon completion of all required improvements, the developer/property owner shall direct the civil engineer of record to prepare as-built drawings for all project plans and submit the project baseline data for all relevant layers to the Development & Neighborhood Services Department. The data must be provided in one of the following formats: (a) AutoCAD DXF, (b) GIS shapefile (comprising the ESRI extensions .shp, .shx, and .dbf), or (c) Geodatabase (with the ESRI .gdb extension). The timeline for submitting the as-built plans will be determined by the City Engineer, and submission must occur prior to the acceptance of improvements and the release of the bond for sitework. (Planning and Engineering)

11. Complete drainage calculations addressing water quality and quantity in accordance with the requirements of SFWMD and City of Greenacres must be submitted for review along with complete paving and drainage construction plans and subsurface investigation with percolation test. Additionally, documentation detailing the maximum impervious surface allowances for the overall project, as acceptable to the City Engineer, must be provided. The drainage system shall be designed such that drainage from areas which may contain hazardous or undesirable waste shall be separate from stormwater runoff from the remainder of the site. All required documents must be submitted with the application for Engineering Permits. (Engineering)

12. Any redundant or unused existing easements and rights-of-way on the subject property shall be abandoned prior to the issuance of Engineering Permits. (Engineering)

13. Driveway connection and/or right-of-way construction permits from Palm Beach County Land Development and/or FDOT must be obtained prior to the issuance of Engineering Permits. Any existing driveway connections on site which will become redundant shall be removed and replaced with curbing, etc. to match adjacent conditions. (Engineering)

14. In accordance with the requirements of the National Pollution Discharge Elimination System (NPDES), best management practices shall be used to control runoff from construction activities. An NPDES Permit shall be provided to the City, prior to any site activity, as part of the Engineering Permit. (Planning, Engineering, Building and Public Works)

15. The establishment may operate from 6:00 a.m. to 12:00 a.m., 7 days a week. The establishment shall otherwise comply with Sec. 8-27. - Hours of Sale, as amended, which prohibits the sale or dispensing of alcoholic beverages between the hours of 2:00 a.m. and 7:00 a.m. of each day. (Planning)

16. No outdoor speakers shall be permitted. (Planning and Building)

17. In accord with the determination of compliance with the Traffic Performance Standards by Palm Beach County Engineering, no building permits shall be issued after the build-out date of **December 31, 2027**, unless a later build-out date has been approved by the County and a copy of the approval provided to the City of Greenacres. (Planning and Building)

18. Utilities shall be provided underground and sufficient in size to properly serve the site. Appurtenances to these systems which require above-ground installation must be effectively screened from view. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning, Engineering and Building)

19. All utilities and services to the site shall be provided by entities holding valid franchise agreements with the City. (Engineering and Building)

20. The required masonry wall along the west property line shall be a minimum of 6 feet in height and shall be finished with stucco painted to match and harmonize with the building's exterior walls on both sides. The property owner shall remain solely responsible for the maintenance of the wall. (Planning, Engineering, and Building)

21. Vehicular cross-access connections shall be constructed to the southern property line to provide future connectivity to the adjacent commercial property to the south. The connection shall become active upon redevelopment of the adjacent property to the south. (Planning, Engineering, and Building)

22. All ground mounted mechanical equipment (air conditioning, backflow preventer, etc.) shall be screened from view. No equipment shall be taller than the proposed screening. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning and Building)

23. Landscaping shall be maintained in perpetuity in accordance with the City's Landscaping Regulations and the approved Landscaping Plan, including specifications for plant size, number, location, and type of landscaping material. All plant life shown on an approved landscape plan shall be replaced if it dies, is seriously damaged, or removed. All plant material shall be kept reasonably free of visible signs of pests, infestation, or disease. (Planning)

24. A certified cost estimate by a FL Registered Landscape Architect or Engineer, for the project's landscape materials, installation, irrigation and labor to establish a 1-year maintenance financial guarantee or financial surety in a form acceptable to the City Attorney in the amount of 110% of the estimate shall be posted for the project's total landscaping cost including the cost equivalent to replace any of the relocated trees with the same DBH should any of those not survive the transplant, in addition to the other bonds required for site improvements. The owner shall provide this financial guarantee or financial surety before the City performs any landscape inspection or issues a Certificate of Occupancy. If project's landscaping is not maintained, the City may use the financial guarantee or financial security to maintain or replace dead or unacceptable landscape

materials and irrigation components after providing written notice to the property owner. (Planning, Engineering, and Building)

A. The project Landscape Architect shall conduct a field inspection at substantial completion of the project to verify that the landscape and irrigation installation complies with the approved plans and is healthy and flourishing before the project's 1-year maintenance financial guarantee/security period begins. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City inspection of the landscape installation.

B. The project Landscape Architect shall conduct an interim field inspection near the 6-month mark of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request an interim City re-inspection of the maintained landscaping at the 6-month mark of the maintenance financial guarantee/security period.

C. The project Landscape Architect shall conduct a field inspection near the completion of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City re-inspection of the maintained landscaping 30 days prior to the end of the maintenance financial guarantee/security period.

D. Upon passing the final re-inspection, the property owner may request in writing the release and return of any remaining financial guarantee/security. If the location fails the final re-inspection, the financial guarantee/security shall not be released to the property owner. Once the property owner completes the required improvements, the financial guarantee/security shall be released. If these necessary improvements do not occur, the City may use the financial guarantee/security to maintain or replace landscape items as necessary.

25. A site clearing and tree removal permit shall be required prior to any clearing activities on site. This permit shall demonstrate protection of existing trees to remain. Landscaping Plan additions may be necessary to meet Code requirements if existing material is unsuitable to remain. (Planning)

26. For roofing materials, all exterior roof surfaces shall be either rated by the Cool Roof Rating Council or labeled as an Energy Star qualified roof product and be in accordance with the Florida Building Code. This excludes portions of the roof acting as a rooftop deck, green roof, or any area of a roof utilized by photovoltaic and solar equipment. Product specifications for roofing materials must be submitted and approved as part of the roofing-related Building Permit submittals. (Planning)

27. The car wash facility shall utilize a 100% water recycling system. (Planning, Engineering, and Building)

28. There shall be no repair or maintenance of vehicles on site. No outside storage of disassembled vehicles, or parts thereof, shall be permitted on site. (Planning)

29. The service station facility shall provide air and water for minor vehicle maintenance to the public at no charge. (Planning)

30. All advertisements and legal addresses on insurance policies and business correspondence shall clearly state that the project is located within the "City of Greenacres". (Planning)

31. The Site and Development Plan shall be revised as necessary and as otherwise noted herein to reflect all conditions of approval and re-submitted, prior to the issuance of Engineering Permits. (Planning, Building, Engineering and Public Works)

32. Non-compliance with any of the conditions of approval will result in withholding of the issuance of building permits and a Certificate of Occupancy. (Planning, Engineering, and Building)

33. This approval shall amend and replace the prior approved site plan for the subject property to the extent shown on the approved plans and as expressly conditioned herein. Any prior conditions of approval or site-specific obligations that have been fulfilled, are obsolete, or are inconsistent with this approval are modified, superseded, or replaced by the approved Site and Development Plans, Master Sign Plan, and conditions of approval adopted with this Resolution. The conditions of approval herein shall apply to the Owner, Applicant, and their successors and assigns. Deviation from any portion of the approved Site and Development Plans, Special Exception, or failure to comply with any requirement, condition or safeguard imposed by the City during the approval procedure shall render the Site and Development Plans and Special Exception approval null, void, and of no further effect upon determination by the City Council. (Planning)

34. **CITY NOTICES:**
    (1) **Development permits and orders.** As provided by subsection 166.033(6), Florida Statutes, issuance of a development permit by a municipality does not create any right on the part of an applicant to obtain a permit from a state or federal agency and does not create any liability on the part of the municipality for issuance of the permit if the applicant fails to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law.

    (2) **No Guarantee by City.** It is specifically understood that the City is not guaranteeing the appropriateness, efficiency, quality or legality of the use or development of the Property, including but not limited to, drainage or water/sewer plans, fire safety, or quality of construction, whether or not inspected, approved, or permitted by the City.

    (3) **Indemnification.** The Owner/Developer shall indemnify and hold the City harmless from any and all claims, demands, disputes, costs, expenses, (to include attorney's fees whether or not litigation is necessary and if necessary, both at trial and on appeal), incurred by the City as a result, directly or indirectly, of the use or development of the Property, except those claims or liabilities by or arising from gross negligence or intentional acts of the City, or its employees, contractors or agents.

PLANNING & ZONING BOARD ACTION – May 14, 2026

The Planning and Zoning Board of Appeals on a motion made by Board Member Fitzgerald and seconded by Board Member Hayes, voting four (4) to zero (0), ***recommended approval*** of the Site & Development Plans including the Master Sign Plan for Greenacres Shell & Retail **(SP-*96-05D and MSP-26-02),*** as presented by staff.

CITY COUNCIL ACTION – June 15, 2026

Attachments:

1. Proposed Site and Development Plans (SP-96-05D)
2. Proposed Master Sign Plan (MSP-26-02)

RESOLUTION NO. 2026-24

A RESOLUTION ADOPTED BY THE CITY COUNCIL OF THE CITY OF GREENACRES, FLORIDA, APPROVING AN APPLICATION FOR MAJOR SITE AND DEVELOPMENT PLAN AMENDMENT INCLUDING A MASTER SIGN PLAN TO ALLOW A NEW 6,786 SQUARE FOOT OFFICE/RETAIL BUILDING WITHIN THE COMMERCIAL GENERAL (CG) ZONING DISTRICT, ON THE SOUTHWEST CORNER OF 10TH AVENUE NORTH AND SOUTH JOG ROAD, AT 3067 SOUTH JOG ROAD AS REQUESTED BY THE APPLICANT, JEFF IRAVANI, AGENT FOR THE OWNER, M & A BROTHERS REALTY NO 3 INC.; PROVIDING FOR REPEAL OF CONFLICTING RESOLUTIONS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Applicant, Jeff H. Iravani, P.E. of Jeff H. Iravani Inc., as agent for the property owner, M & A BROTHERS REALTY NO 3 INC., has submitted an application for the approval of a Major Site and Development Plan Amendment, and associated Master Sign Plan, to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on an existing site including a convenience store with fuel sales; and

WHEREAS, the applicant presented this matter to the Development Review Committee of the City of Greenacres which provided comments to the Planning, Engineering, and GIS Division which, in turn, recommended approval of the Major Site and Development Plan Amendment, and associated Master Sign Plan, to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on an existing site including a convenience store with fuel sales, with the conditions identified herein; and

WHEREAS, the Planning and Zoning Board held a public hearing on May 14, 2026, reviewed the applicant's request, and made a recommendation on the applications; and

WHEREAS, this matter has been presented to the City Council for final approval, and the Council has voted to approve the Major Site and Development Plan Amendment, and associated Master Sign Plan, to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on an existing site including a

convenience store with fuel sales, subject to the conditions of approval and Staff's recommendation.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREENACRES, FLORIDA, THAT:

SECTION 1. The Application, the Major Site and Development Plan Amendment (SP-96-05D), and associated Master Sign Plan (MSP-26-02), to allow for the construction of a new 6,000 square foot office/retail building with a 786 square foot mezzanine on an existing site including a convenience store with fuel sales is hereby APPROVED, subject to the conditions of approval contained herein, which are in addition to the general requirements otherwise provided by resolution for real property as follows:

Legal Description

PCN: 18-42-43-27-05-022-0013

PALM BEACH FARMS CO PL NO 3 TH PT OF TR 1 LYG S OF & ADJ TO 10TH AVE N R/W (LESS S 220 FT, 10TH AVE RD R/W & JOG RD RD R/W IN OR9404P1955)

CONTAINING A TOTAL OF 1.58 ACRES MORE OR LESS.



Subject site outlined in red line

SECTION 2. All resolutions in conflict herewith are hereby repealed.

SECTION 3. This resolution shall be effective upon its adoption subject to the following conditions, which shall be responsibility of and binding upon the Applicant, its successors, or assigns:

1. The most stringent requirements of this DNS Staff Report and Recommendation dated May 08, 2026, and strict compliance with the Site and Development Plans exhibits stamped approved by the City of Greenacres, and listed below, which are attached hereto and made part hereof as Exhibit "A"
   A. SP-96-05D Greenacres Shell & Office/Retail - **Site Plan**, Sheets SP-0 through SP-4, received by DNS on April 27, 2026, and prepared by Jeff H. Iravani, P.E. / Jeff H. Iravani, Inc.
   B. SP-96-05D Greenacres Shell & Office/Retail – **Landscape and Tree Disposition Plan,** Sheets LP-1 through LP-5, received by DNS on April 27, 2026, and prepared by Donaldson E Hearing of Cotleur & Hearing
   C. SP-96-05D Greenacres Shell & Office/Retail - **Photometric Plan,** Sheet PSP-1, received by DNS on April 27, 2026, and prepared by Andrew Youngross of Thompson & Youngross Engineering Consultants, LLC
   D. SP-96-05D Greenacres Shell & Office/Retail - **Architectural Plan and Master Sign Plan,** Sheets AE-01 through AE-03, received by DNS on April 27, 2026, and prepared by James M Stergas of Stergas & Associates, AIA.
   E. SP-96-05D Greenacres Shell & Office/Retail - **Civil/Engineering Plan**, Sheets C-2 through C-16, received by DNS on April 27, 2026, and prepared by Jeff H. Iravani, P.E. / Jeff H. Iravani, Inc.

2. The project shall be required to pay the City's non-residential impact fee pursuant to Section 16-201. At the current rate of $2.80 per square foot of gross non-residential floor area, the impact fee is estimated at **$19,000.80**, based on 6,786 square feet of proposed gross non-residential floor area. The final amount due shall be calculated at the rate in effect at the time of payment and shall be paid prior to the issuance of any Building Permits. (Planning and Building)

3. The project shall be required to pay the City's Arts in Public Places (AIPP) public art fee if the total construction costs is two hundred fifty thousand dollars ($250,000) or greater, in accordance with Section 16-661. If applicable, the public art fee shall be equal to one (1) percent of the total construction costs of the project. The contribution shall be placed in the city's public art fee fund, and the contributor shall have no input in the use of such funds. The contribution shall be divided into two (2) payments as follows:
   A. **Prior to Building Permit Issuance**: The developer shall submit to the building division/finance department a preliminary certification of the total construction costs. This preliminary certification shall be used to calculate the developer's initial payment of thirty (30) percent of the contribution. The developer shall make this initial payment to the building division/finance department prior to the issuance of any building permit.

   B. **Prior to Issuance of the Final Certificate of Occupancy**: The developer shall submit to the building division/finance department a final certification of the total

construction costs. This final certification shall be used to calculate the outstanding portion of the contribution. The developer shall pay the outstanding portion of the contribution prior to the issuance of the final certificate of occupancy for the project.

4. The project shall participate in the City Tree Dedication Program per Section 16-1293; prior to the issuance of any Building Permits, one (1) tree to be donated per 1,000 sq. ft. of building area or fraction thereof, therefore **seven (7) Live Oaks or equivalent cash payment** shall be donated to the City subject to the following specification: Live Oak, Florida Grade #1 Container Grown; minimum 12 ft. high; 2 inch diameter trunk at 4 ft.; and 5 ft. spread. (Planning and Building)

5. Prior to issuance of any Certificate of Occupancy, a standard City of Greenacres bus shelter shall be acquired and installed by the developer at the transit easement location, subject to final coordination with the City, Palm Tran, Palm Beach County, and applicable right-of-way requirements. The shelter shall be the permanent maintenance obligation of the property owner, including the removal of any trash, garbage, debris, or other waste material, upkeep of all landscaping, electricity for the shelter security light, and keeping the easement and overall site free of dangerous conditions. The developer, successors, or assigns shall be permitted to post surety for the improvement to facilitate the release of the final Certificate of Occupancy.

6. Any site permits required and/or obtained shall be maintained in an active status with the respective permitting agency until all the work covered by the permit is satisfactorily completed, any applicable inspections passed and officially closed out with the City. (Building, Planning, Engineering and Public Works)

7. Permits from the South Florida Water Management District (SFWMD), Lake Worth Drainage District (LWDD), and Palm Beach County Land Development, as required, for the stormwater management system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

8. Permits from the Health Department for modifications to the water and sewer system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

9. An Engineering Permit, issued by the City of Greenacres, is required prior to any sitework or construction activities outside of the proposed structures and work related to subdivision and/or development improvements taking place. The Engineering Permit must be closed out before any Certificates of Occupancy (CO) are issued for any buildings or structures. No Engineering Permit shall be issued for construction or work until an approved cost estimate and a bond for all sitework has been posted. Once site work is complete, a maintenance bond will be required prior to the close out of the engineering permit. (Engineering)

10. Upon completion of all required improvements, the developer/property owner shall direct the civil engineer of record to prepare as-built drawings for all project plans and submit the project baseline data for all relevant layers to the Development & Neighborhood Services Department. The data must be provided in one of the following formats: (a) AutoCAD DXF, (b) GIS shapefile (comprising the ESRI extensions .shp, .shx, and .dbf), or (c) Geodatabase

(with the ESRI .gdb extension). The timeline for submitting the as-built plans will be determined by the City Engineer, and submission must occur prior to the acceptance of improvements and the release of the bond for sitework. (Planning and Engineering)

11. Complete drainage calculations addressing water quality and quantity in accordance with the requirements of SFWMD and City of Greenacres must be submitted for review along with complete paving and drainage construction plans and subsurface investigation with percolation test. Additionally, documentation detailing the maximum impervious surface allowances for the overall project, as acceptable to the City Engineer, must be provided. The drainage system shall be designed such that drainage from areas which may contain hazardous or undesirable waste shall be separate from stormwater runoff from the remainder of the site. All required documents must be submitted with the application for Engineering Permits. (Engineering)

12. Any redundant or unused existing easements and rights-of-way on the subject property shall be abandoned prior to the issuance of Engineering Permits. (Engineering)

13. Driveway connection and/or right-of-way construction permits from Palm Beach County Land Development and/or FDOT must be obtained prior to the issuance of Engineering Permits. Any existing driveway connections on site which will become redundant shall be removed and replaced with curbing, etc. to match adjacent conditions. (Engineering)

14. In accordance with the requirements of the National Pollution Discharge Elimination System (NPDES), best management practices shall be used to control runoff from construction activities. An NPDES Permit shall be provided to the City, prior to any site activity, as part of the Engineering Permit. (Planning, Engineering, Building and Public Works)

15. The establishment may operate from 6:00 a.m. to 12:00 a.m., 7 days a week. The establishment shall otherwise comply with Sec. 8-27. - Hours of Sale, as amended, which prohibits the sale or dispensing of alcoholic beverages between the hours of 2:00 a.m. and 7:00 a.m. of each day. (Planning)

16. No outdoor speakers shall be permitted. (Planning and Building)

17. In accord with the determination of compliance with the Traffic Performance Standards by Palm Beach County Engineering, no building permits shall be issued after the build-out date of **December 31, 2027**, unless a later build-out date has been approved by the County and a copy of the approval provided to the City of Greenacres. (Planning and Building)

18. Utilities shall be provided underground and sufficient in size to properly serve the site. Appurtenances to these systems which require above-ground installation must be effectively screened from view. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning, Engineering and Building)

19. All utilities and services to the site shall be provided by entities holding valid franchise agreements with the City. (Engineering and Building)

20. The required masonry wall along the west property line shall be a minimum of 6 feet in height and shall be finished with stucco painted to match and harmonize with the building's exterior walls on both sides. The property owner shall remain solely responsible for the maintenance of the wall. (Planning, Engineering, and Building)

21. Vehicular cross-access connections shall be constructed to the southern property line to provide future connectivity to the adjacent commercial property to the south. The connection shall become active upon redevelopment of the adjacent property to the south. (Planning, Engineering, and Building)

22. All ground mounted mechanical equipment (air conditioning, backflow preventer, etc.) shall be screened from view. No equipment shall be taller than the proposed screening. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning and Building)

23. Landscaping shall be maintained in perpetuity in accordance with the City's Landscaping Regulations and the approved Landscaping Plan, including specifications for plant size, number, location, and type of landscaping material. All plant life shown on an approved landscape plan shall be replaced if it dies, is seriously damaged, or removed. All plant material shall be kept reasonably free of visible signs of pests, infestation, or disease. (Planning)

24. A certified cost estimate by a FL Registered Landscape Architect or Engineer, for the project's landscape materials, installation, irrigation and labor to establish a 1-year maintenance financial guarantee or financial surety in a form acceptable to the City Attorney in the amount of 110% of the estimate shall be posted for the project's total landscaping cost including the cost equivalent to replace any of the relocated trees with the same DBH should any of those not survive the transplant, in addition to the other bonds required for site improvements. The owner shall provide this financial guarantee or financial surety before the City performs any landscape inspection or issues a Certificate of Occupancy. If project's landscaping is not maintained, the City may use the financial guarantee or financial security to maintain or replace dead or unacceptable landscape materials and irrigation components after providing written notice to the property owner. (Planning, Engineering, and Building)
    a. The project Landscape Architect shall conduct a field inspection at substantial completion of the project to verify that the landscape and irrigation installation complies with the approved plans and is healthy and flourishing before the project's 1-year maintenance financial guarantee/security period begins. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City inspection of the landscape installation.
    b. The project Landscape Architect shall conduct an interim field inspection near the 6-month mark of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request an interim City re-inspection

of the maintained landscaping at the 6-month mark of the maintenance financial guarantee/security period.

c. The project Landscape Architect shall conduct a field inspection near the completion of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City re-inspection of the maintained landscaping 30 days prior to the end of the maintenance financial guarantee/security period.

d. Upon passing the final re-inspection, the property owner may request in writing the release and return of any remaining financial guarantee/security. If the location fails the final re-inspection, the financial guarantee/security shall not be released to the property owner. Once the property owner completes the required improvements, the financial guarantee/security shall be released. If these necessary improvements do not occur, the City may use the financial guarantee/security to maintain or replace landscape items as necessary.

25. A site clearing and tree removal permit shall be required prior to any clearing activities on site. This permit shall demonstrate protection of existing trees to remain. Landscaping Plan additions may be necessary to meet Code requirements if existing material is unsuitable to remain. (Planning)

26. For roofing materials, all exterior roof surfaces shall be either rated by the Cool Roof Rating Council or labeled as an Energy Star qualified roof product and be in accordance with the Florida Building Code. This excludes portions of the roof acting as a rooftop deck, green roof, or any area of a roof utilized by photovoltaic and solar equipment. Product specifications for roofing materials must be submitted and approved as part of the roofing-related Building Permit submittals. (Planning)

27. The car wash facility shall utilize a 100% water recycling system. (Planning, Engineering, and Building)

28. There shall be no repair or maintenance of vehicles on site. No outside storage of disassembled vehicles, or parts thereof, shall be permitted on site. (Planning)

29. The service station facility shall provide air and water for minor vehicle maintenance to the public at no charge. (Planning)

30. All advertisements and legal addresses on insurance policies and business correspondence shall clearly state that the project is located within the "City of Greenacres". (Planning)

31. The Site and Development Plan shall be revised as necessary and as otherwise noted herein to reflect all conditions of approval and re-submitted, prior to the issuance of Engineering Permits. (Planning, Building, Engineering and Public Works)

32. Non-compliance with any of the conditions of approval will result in withholding of the issuance of building permits and a Certificate of Occupancy. (Planning, Engineering, and Building)

33. This approval shall amend and replace the prior approved site plan for the subject property to the extent shown on the approved plans and as expressly conditioned herein. Any prior conditions of approval or site-specific obligations that have been fulfilled, are obsolete, or are inconsistent with this approval are modified, superseded, or replaced by the approved Site and Development Plans, Master Sign Plan, and conditions of approval adopted with this Resolution. The conditions of approval herein shall apply to the Owner, Applicant, and their successors and assigns. Deviation from any portion of the approved Site and Development Plans, Special Exception, or failure to comply with any requirement, condition or safeguard imposed by the City during the approval procedure shall render the Site and Development Plans and Special Exception approval null, void, and of no further effect upon determination by the City Council. (Planning)

34. **CITY NOTICES:**
    (1) **Development permits and orders.** As provided by subsection 166.033(6), Florida Statutes, issuance of a development permit by a municipality does not create any right on the part of an applicant to obtain a permit from a state or federal agency and does not create any liability on the part of the municipality for issuance of the permit if the applicant fails to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law.

    (2) **No Guarantee by City.** It is specifically understood that the City is not guaranteeing the appropriateness, efficiency, quality or legality of the use or development of the Property, including but not limited to, drainage or water/sewer plans, fire safety, or quality of construction, whether or not inspected, approved, or permitted by the City.

    (3) **Indemnification.** The Owner/Developer shall indemnify and hold the City harmless from any and all claims, demands, disputes, costs, expenses, (to include attorney's fees whether or not litigation is necessary and if necessary, both at trial and on appeal), incurred by the City as a result, directly or indirectly, of the use or development of the Property, except those claims or liabilities by or arising from gross negligence or intentional acts of the City, or its employees, contractors or agents.

RESOLVED AND ADOPTED this 15th of day of June, 2026.

	Voted:
Chuck Shaw, Mayor	**John Tharp,** Council Member, *District I*
Attest:	
	Voted:
Quintella Moorer, City Clerk	**Peter Noble,** Council Member, *District II*
	Voted:
	Judith Dugo, Council Member, *District III*
	Voted:
	Susy Diaz, *Deputy Mayor*
	Voted:
	Elisa Leheny, Council Member, *District V*

Approved as to Form and Legal Sufficiency:

Glen J. Torcivia, City Attorney

Item Summary

Meeting Date: June 15, 2026

From: Denise Malone, Director

Subject: **Resolution 2026-25:** A request for a Special Exception (SE-25-01) and a Major Site and Development Plan (SP-25-02) to allow for the construction of 3,018 square foot drive-through/fast food restaurant and associated site improvements; and a Planned Commercial Development Amendment (PCD-81-02N) to reflect the proposed changes to the Mil-Lake Plaza Planned Commercial Development (PCD). The site is located at the Northwest corner of South Military Trail and Lake Worth Road at 3969 South Military Trail. - Denise Malone, Development and Neighborhood Services Director.

Background

Dwayne L. Dickerson, Esq., of Miskel and Backman, LLP, on behalf of Kasada LLC (the "applicant"), is requesting approval of a Special Exception (SE-25-01), and a Site and Development Plan (SP-25-02) to provide for the construction of a Raising Cane's Restaurant with drive-through within the Mil-Lake Plaza, at 3969 South Military Trail. The applicant is also seeking approval to amend the Mil-Lake Plaza Planned Commercial Development (PCD-81-02N) Master Plan to address the changes for consistency.

The Development Review Committee reviewed this proposal and recommended approval, followed by the Planning and Zoning Board, unanimously recommending approval (4-0) at their meeting on May 14, 2026.

Analysis

The request is to construct a 3,018 square foot Raising Cane's Restaurant, with a double-drive through facility at the vacated CVS Pharmacy site, within the Mil-Lake Plaza. The project is compatible with the surrounding area and complies with the City's Zoning Code for building setbacks and coverage, landscaping, parking and loading, and signage.

The applicant has also worked with Staff to improve the site and building design of the

project to meet the intent and purpose of the Lake Worth Road Urban Corridor (UC) Overlay District, which is established to encourage redevelopment activity through enhanced design methods, including improved pedestrian circulation and direct access to the building; and added building articulation to improve the visual appearance of the building at the northwest corner of Lake Worth Road and South Military Trail, a prominent intersection and gateway to the City.

Financial Information

Prior to the issuance of any Building Permits, the applicant will be required to pay all applicable impact fees including amounts due under the City's Arts in Public Places (AIPP) Program.

Legal

Resolution 2026-25 was prepared in accordance with all applicable State Statutes and City Code requirements. The document has been reviewed for legal sufficiency.

Staff Recommendation

Approval of SE-25-01, SP-25-02, and PCD-81-02N through the adoption of Resolution 2026-25.

Attachments:

1. Resolution No 2026-25 - Raising Canes (SE SP & PCD)
2. Staff Report for CC - Raising Canes (SE SP & PCD) UPDATED 5-14-26
3. Raising Canes - Plan Set (Combined for CC)
4. Raising Canes - Renderings

RESOLUTION NO. 2026-25

A RESOLUTION ADOPTED BY THE CITY COUNCIL OF THE CITY OF GREENACRES, FLORIDA, APPROVING AN APPLICATION FOR A SPECIAL EXCEPTION TO ALLOW A DRIVE-THROUGH/FAST FOOD RESTAURANT WITHIN THE COMMERCIAL INTENSIVE (CI) ZONING DISTRICT, AND APPROVING A SITE AND DEVELOPMENT PLAN TO PROVIDE FOR THE CONSTRUCTION OF A 3,018 SQUARE FOOT RESTAURANT BUILDING WITH A DOUBLE DRIVE-THROUGH FACILITY, LOCATED AT 3969 SOUTH MILITARY TRAIL, WITHIN THE MIL-LAKE PLAZA PLANNED COMMERCIAL DEVELOPMENT, AND APPROVING A PLANNED COMMERICAL DEVELOPMENT AMENDMENT TO AMEND THE MIL-LAKE PLAZA MASTER PLAN TO REFLECT AFOREMENTIONED CHANGES; PROVIDING FOR REPEAL OF CONFLICTING RESOLUTIONS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the subject property is ±1.94 acres in size and is located at 3969 South Military Trail within the ±12.47-acre Mil-Lake Plaza Planned Commercial Development (PCD) and has a zoning designation of Commercial Intensive (CI); and

WHEREAS, the subject property was previously granted approval for a Special Exception (SE-03-05) for a drive-through retail drugstore in the CI zoning district, and was subsequently constructed with a 14,400 square foot pharmacy building with a single drive-through facility (SP-03-12); and

WHEREAS, the drive-through retail drugstore use has vacated the subject property; and

WHEREAS, Dwayne L. Dickerson, Esq., of Miskel and Backman, LLP, on behalf of Kasada, LLC (the “Applicant”), has submitted an application for a Special Exception (SE-25-01) to allow a drive-through/fast food restaurant within the CI zoning district pursuant to Section 16-499(14) of the Zoning Regulations; a Site and Development Plan (SP-25-02) for the construction of a 3,018 square foot restaurant building with a double drive-through facility and associated site improvements on the subject property; and a Planned Commercial

Development (PCD) Amendment (PCD-81-02N) to amend the Mil-Lake Plaza PCD Master Plan to reflect the aforementioned changes to the subject property; and

WHEREAS, the applications were reviewed by the Development Review Committee of the City of Greenacres which provided comments to the Planning, Engineering and GIS Division, and recommended approval of the Special Exception (SE-25-01) to allow a drive-through/fast food restaurant within the CI zoning district, pursuant to Section 16-499(14) of the Zoning Regulations, the Site and Development Plan (SP-25-02) to allow for the construction of a 3,018 square foot restaurant with double drive-through facility and associated site improvements, and a PCD Amendment (PCD-81-02N) to amend the Mil-Lake Planned Commercial Development Master Plan to reflect the aforementioned changes to the subject property; and

WHEREAS, the Planning and Zoning Board held a duly advertised public hearing on May 14, 2026, reviewed the applications, and made a recommendation on the applications with a vote of 4-0; and

WHEREAS, this matter has been presented to the City Council for final approval, and the Council has voted to approve the Special Exception (SE-25-01) to allow a drive-through/fast food restaurant within the CI zoning district, pursuant to Section 16-499(14) of the Zoning Regulations; the Site and Development Plan (SP-25-02) for the construction of a 3,018 square foot restaurant building with a double drive-through facility and associated site improvements on the subject property; and a PCD Amendment (PCD-81-02N) to amend the Mil-Lake Plaza PCD Master Plan to reflect the aforementioned changes to the subject property, subject to the conditions of approval at the June 15, 2026, Public Hearing of the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREENACRES, FLORIDA, THAT:

SECTION 1. The applications, for the Special Exception (SE-25-01) to allow a drive-through/fast food restaurant within the Commercial Intensive (CI) zoning district pursuant to Section 16-499(14) of the Zoning Regulations, a Site and Development Plan (SP-25-02) to provide for the construction of a 3,018 square foot restaurant building with a double drive-through facility and associated site improvement, and a Planned Commercial Development (PCD) Amendment (PCD-81-02N) to amend the Mil-Lake Plaza PCD Master Plan to reflect the aforementioned changes on the subject property, located at 3969 South Military Trail are hereby APPROVED, subject to the conditions of approval contained herein, which are in addition to the general requirements otherwise provided by resolution for real property as follows:

Legal Description

PCN: 18-42-44-24-38-001-0000

Parcel A of Mil-Lake CVS, according to the plat thereof recorded in Book 106, Page 1 of the Official Records of Palm Beach County, Florida.

Together with easement rights described in that certain cross easement agreement area between Walgreen Co., an Illinois corporation, doing business in the State of Florida, inter alia, as Wags and Dairell J. Snapp and Anna E. Snapp doing business as Vida Properties, doing business in the State of Florida, as Mil/Lake Shopping Center dated June 10, 1981, recorded July 13, 1981 in Book 3559, Page 1353, of the Official Records of Palm Beach County, Florida.

Together with easement rights described in that certain Reciprocal Easement Agreement by and between Del Viso, LLC and CVS 5975 FL, LLC, recorded April 24, 2004 in Book 16839, Page 446 of the Official Records of Palm Beach County, Florida.

Being the same property described in the vesting deeds recorded in Official Records Book 16839, Page 427 and 436, of the Public Records of Palm Beach County, Florida.

Containing ±1.94 acres more or less.

Subject Property Outlined in Red



SECTION 2. All resolutions in conflict herewith are hereby repealed.

SECTION 3. This resolution shall be effective upon its adoption subject to the following conditions, which shall be the responsibility of and binding upon the Applicant, its successors, and assigns:

1. The most stringent requirements of this DNS Staff Report and Recommendation, and strict compliance with the Site and Development Plans exhibits listed below, which are attached hereto and made part hereof as Exhibit "A"
   A. SP-25-02 Raising Cane's Restaurant **Site Plan**, Sheets SP-1 through SP-3, prepared by Kimley-Horn and Associates.
   B. SP-25-02 Raising Cane's Restaurant **Landscape Plan**, Sheets L-000, L-010, L-100 through L-101, L-151 through L-153, L-200, and L-250 through L-253, prepared by Kimley-Horn and Associates.
   C. SP-25-02 Raising Cane's Restaurant **Photometric Plan**, Sheet P-000, prepared by Kimley-Horn and Associates.
   D. SP-25-02 Raising Cane's Restaurant **Architectural Plan**, Sheets A0.11, A0.12, A0.30, A1.10, A1.60, A2.10 and A2.11; and Architectural Elevations (Colored) & Material Finishes, prepared by Zebra Architecture, PLLC.
   E. SP-25-02 Raising Cane's Restaurant **Civil Plan**, Sheets C-100, C-200 through C-202, C-300 through C-304, C-400 through C-403, C-500 and C-501, C-600 through C-603, C-700 and C-701, prepared by Kimley-Horn and Associates.
   F. SP-25-02 Raising Cane's Restaurant **Sign Program**, Pages 2 through 9, prepared by Allan Industries.

G. PCD-81-02N Mil-Lake Plaza Planned Commercial Development **Master Plan**, Sheet MP-1, prepared by Kimley-Horn and Associates.

2. All signage shall be permitted in accordance with the Master Sign Plan for the Mil-Lake Plaza. (Reference: MSP-24-09) (Planning and Building)

3. The existing transit shelter shall be the permanent maintenance obligation of the property owner, including the removal of any trash, garbage, debris, or other waste material, upkeep of all landscaping, electricity for the shelter security light, and keeping the easement and overall site free of dangerous conditions.

4. The existing Reciprocal Easement Agreement between the subject site area and Mil-Lake Plaza (Reference: ORB 16839, Page 446) shall be updated to eliminate any specific references as it relates to the previous development on site (CVS Pharmacy) to ensure the document's validity for the current property owner(s), its successors or assigns. The Reciprocal Easement Agreement shall be updated in a form acceptable to the City Attorney and recorded in the records of Palm Beach County prior to the issuance of final engineering permit. All parties are expected to engage in good faith negotiations to attempt to resolve any disputes; should these negotiations fail to produce an amicable resolution, the applicant shall work with the City to resolve the matter. (Planning and Engineering)

5. The project shall be required to pay the City's impact fee of $2.80 per square feet of gross floor area in accordance with Section 16-201 of the Code of Ordinances. The impact fee amount of **$8,450.40** shall be paid to the City prior to the issuance of any building permits. (Planning, Engineering and Building)

6. The project shall be required to pay the City's Art in Public Places (AIPP) public art fee if the total cost of construction costs is two hundred and fifty thousand dollars ($250,000) or greater, in accordance with Section 16-661 of the City's Code of Ordinances. If applicable, the public art fee shall be equal to one (1) percent of the total construction costs of the project. The contribution shall be placed into the City's public art fee fund and the contributor shall have no input in the use of such funds. The contribution shall be divided into two (2) payments as follows: (Planning and Building)

   A. **Prior to Building Permit Issuance:** The developer shall submit to the Building Division/Finance Department a preliminary certification of the total construction costs. This preliminary certification shall be used to calculate the developer's initial payment of thirty (30) percent of the contribution. The developer shall make this initial payment to the Building Division/Finance Department prior to the issuance of any building permit.

   B. **Prior to the Issuance of the Final Certificate of Occupancy:** The developer shall submit to the Building Division/Finance Department a final certification of the total construction costs. This final certification shall be used to calculate the outstanding portion of the contribution. The developer shall pay the outstanding portion of the contribution prior to the issuance of the final certificate of occupancy for the project.

7. Any site permits required and/or obtained shall be maintained in active status with the respective permitting agency until all the work covered by the permit is satisfactorily completed, any applicable inspections passed and officially closed out with the City. (Building, Planning, Engineering and Public Works)

8. Permits for the South Florida Water Management District (SFWMD), Lake Worth Drainage District (LWDD), and Palm Beach County Land Development, as required, for stormwater management system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

9. Permits from the Health Department for modifications to the water and sewer system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

10. An Engineering Permit, issued by the City of Greenacres, is required prior to any sitework or construction activities on the subject property. The Engineering Permit must be closed out before the Certificate of Occupancy (C.O.) is issued. No Engineering Permit shall be issued for the construction or work until an approved cost estimate and a bond for all site work has been posted. Once the site work is complete, a maintenance bond will be required prior to the close out of the Engineering Permit. (Engineering)

11. Upon completion of all required improvements, the civil engineer of record shall prepare as-built drawings for all project plans and submit the project baseline data for all relevant layers to the Development & Neighborhood Services Department. The data must be provided in one of the following formats: (a) AutoCAD DXF, (b) GIS shapefile (comprising the ESRI extensions .shp, .shx, and .dbf), or (c) Geodatabase (with the ESRI .gdb extension). The timeline for submitting the as-built plans will be determined by the City Engineer. (Planning and Engineering)

12. Complete drainage calculations addressing water quality and quantity in accordance with the applicable requirements must be submitted for review along with complete paving and drainage construction plans and subsurface investigation with percolation test. All required documents must be submitted with the application for Engineering Permits. (Engineering)

13. In accord with the determination of compliance with the Traffic Performance Standards by Palm Beach County Engineering issued on November 24, 2025, no building permits shall be issued after the build-out date of **December 31, 2027**, unless a later build-out date has been approved by the County and a copy of the approval provided to the City of Greenacres. (Planning and Building)

14. Any unused existing easements on the subject property shall be abandoned prior to the issuance of Engineering Permits. (Engineering)

15. In accordance with the requirements of the National Pollution Discharge Elimination System (NPDES), best management practices shall be used to control runoff from construction activities. An NPDES Permit shall be provided to the City, prior to any site

activity, as part of the Engineering Permit. (Planning, Engineering, Building and Public Works)

16. Utilities shall be provided underground and sufficient in size to properly serve the site. Appurtenances to these systems which require above-ground installation must be effectively screened from view. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning, Engineering and Building)

17. All utilities and services to the site shall be provided by entities holding valid franchise agreements with the City. (Engineering and Building)

18. All ground mounted mechanical equipment (air conditioning, backflow preventer, etc.) shall be screened from view. No equipment shall be taller than the proposed screening. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning and Building)

19. The project shall participate in the City Tree Dedication Program per Section 16-1293 of the City Code. Prior to the issuance of any building permit, one (1) tree shall be donated per 1,000 square feet of building area or fraction thereof. Therefore, **four (4) Live Oaks or equivalent cash payment** shall be donated to the City subject to the following specifications: Live Oak, Florida Grade #1 Container Grown; minimum 12-feet in height; 2-inch diameter trunk at 4-feet; and 5-foot spread. (Planning and Building)

20. Landscaping shall be maintained in perpetuity in accordance with the City's Landscape Regulations and the approved Landscape Plan, including specifications for plant size, number, location, and type of landscaping material. All plant life shown on an approved landscape plan shall be replaced if it dies, is seriously damaged, or removed. All plant materials shall be kept reasonably free of visible sign of pests, infestation, or disease. (Planning)

21. A certified cost estimate by a FL Registered Landscape Architect or Engineer, for the project's landscape materials, installation, irrigation and labor to establish a 1-year maintenance financial guarantee or financial security in a form acceptable to the City Attorney in the amount of 110% of the estimate shall be posted for the project's landscaping, in addition to the other bonds required for site improvements. The owner shall provide this financial guarantee or financial security before the City performs any landscape inspection or issues a Certificate of Occupancy. If project's landscaping is not maintained, the City may use the financial guarantee or financial security to maintain or replace dead or unacceptable landscape materials and irrigation components after providing written notice to the property owner. (Planning and Engineering)

    A. The project Landscape Architect shall conduct a field inspection at substantial completion of the project to verify that the landscape and irrigation installation complies with the approved plans and is healthy and flourishing before the project's 1-year maintenance financial guarantee/security period begins. The project

Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City inspection of the landscape installation.

B. The project Landscape Architect shall conduct an interim field inspection near the 6-month mark of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request an interim City re-inspection of the maintained landscaping at the 6-month mark of the maintenance financial guarantee/security period.

C. The project Landscape Architect shall conduct a field inspection near the completion of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City re-inspection of the maintained landscaping 30 days prior to the end of the maintenance financial guarantee/security period.

D. Upon passing the final re-inspection, the property owner may request in writing the release and return of any remaining financial guarantee/security. If the location fails the final re-inspection, the financial guarantee/security shall not be released to the property owner. Once the property owner completes the required improvements, the financial guarantee/security shall be released. If these necessary improvements do not occur, the City may use the financial guarantee/security to maintain or replace landscape items as necessary.

22. A site clearing and tree removal permit shall be required prior to any clearing activities on site. This permit shall demonstrate protection of existing trees to remain. Landscaping Plan additions may be necessary to meet Code requirements if existing material is unsuitable to remain. (Planning)

23. By the initial landscape inspection, all existing invasive non-native plants shall be removed from the property. It shall be the responsibility of the property owner to maintain the site free from invasive plans in perpetuity. (Planning)

24. All advertisements and legal addresses on insurance policies and business correspondence shall clearly state that the project is located within the "City of Greenacres". (Planning)
25. The Site and Development Plan shall be revised as necessary and as otherwise noted herein to reflect all conditions of approval and re-submitted, prior to the issuance of Engineering Permits. (Planning, Building, Engineering and Public Works)

26. Approval of this Special Exception (SE-25-01) and Site and Development Plan (SP-25-02) renders all previously issued Special Exceptions and Site and Development Plan for this property null and void. Any increase in size for this Special Exception use will require an

amendment to the Special Exception. (Planning)

27. Non-compliance with any of the conditions of approval will result in withholding of the issuance of building permits and a Certificate of Occupancy. (Planning, Engineering, and Building)

28. The conditions of approval herein shall apply to the Owner, Applicant, and their successors and assigns. Deviation from any portion of the approved Special Exception (SE-25-01), Site and Development Plan (SP-25-02), or failure to comply with any requirement, condition or safeguard imposed by the City during the approval procedure shall render the Special Exception and Site and Development Plan approvals null, void, and no further effect upon determination by the City Council. (Planning)

29. **CITY NOTICES:**
    (1) **Development permits and orders.** As provided by subsection 166.033(6), Florida Statutes, issuance of a development permit by a municipality does not create any right on the part of an applicant to obtain a permit from a state or federal agency and does not create any liability on the part of the municipality for issuance of the permit if the applicant fails to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law.

    (2) **No Guarantee by City.** It is specifically understood that the City is not guaranteeing the appropriateness, efficiency, quality or legality of the use or development of the Property, including but not limited to, drainage or water/sewer plans, fire safety, or quality of construction, whether or not inspected, approved, or permitted by the City.

    (3) **Indemnification.** The Owner/Developer shall indemnify and hold the City harmless from any and all claims, demands, disputes, costs, expenses, (to include attorney's fees whether or not litigation is necessary and if necessary, both at trial and on appeal), incurred by the City as a result, directly or indirectly, of the use or development of the Property, except those claims or liabilities by or arising from gross negligence or intentional acts of the City, or its employees, contractors or agents.

RESOLVED AND ADOPTED this 15th day of June 2026.

	Voted:
Chuck Shaw, *Mayor*	**John Tharp,** *Council Member, District I*
Attest:	
	Voted:
Quintella Moorer, *City Clerk*	**Peter Noble,** *Council Member, District II*
	Voted:
	Judith Dugo, Council Member, *District III*
	Voted:
	Susy Diaz, *Deputy Mayor*
	Voted:
	Elisa Leheny, Council Member, *District V*

Approved as to Form and Legal Sufficiency:

Glen J. Torcivia, City Attorney

DEVELOPMENT & NEIGHBORHOOD SERVICES STAFF REPORT AND RECOMMENDATION

I. Project Description:

Project: Raising Cane's at Mil-Lake Plaza

Applicant: Dwayne L. Dickerson, Esq., of Miskel Backman LLP and John L. Cordasco of Kimley-Horn.

Authorized agents for the Owners: Kasada, LLC

Request: A Special Exception and a Site and Development Plan approval to allow a drive-through/fast food restaurant; and a Planned Commercial Development Amendment to reflect the proposed changes to the Mil-Lake Plaza Planned Commercial Development.



Subject Site Area Outlined in Red -

Location: 3969 South Military Trail

Project Manager: Linda Louie, AICP, Zoning Administrator

II. Site Data:

Existing Use:	Retail Drug Store with Drive-Through Pharmacy (vacated)
Proposed Use:	Drive-Through Restaurant
Parcel Control Number:	18-42-44-24-38-001-0000
Parcel Size:	1.94 acres (84,571 square feet)
Existing Future Land Use Designation:	Commercial (CM)
Existing Zoning District:	Commercial Intensive (CI); Lake Worth Road Urban Corridor (UC) Overlay District.

Table 1: Surrounding Land Use, Future Land Use Designation, and Zoning District*			
Direction	**Existing Land Use**	**Future Land Use Designation**	**Zoning District**
North:	Multifamily Residential (Mil-Lake Estates) and Auto Repair (Midas)	Residential Medium Density (RS-MD) and Commercial (CM)	Residential Medium Density (RM-2) and Commercial Intensive (CI)
South:	Various Commercial Uses (Aloha Shopping Plaza and Chevron)	Commercial (CM)	Commercial Intensive (CI)
East:	*Village of Palm Springs:* Commercial and Office Uses	*Village of Palm Springs:* Commercial Renewal (CR)	*Village of Palm Springs:* Commercial Renewal (CR)
West:	American Polish Club	Commercial (CM)	Commercial Intensive (CI)

*Surrounding Future Land Use and Zoning to the Mil-Lake Plaza.

III. Annexation and Zoning History:

The subject site area was originally comprised of three (3) separate parcels. The northern portion of the site area (consisting of two separate parcels) was annexed into the City on April 27, 1981 (Reference: Ordinance No. 81-01/ANX-81-01) and was approved with the original plan for the Mil-Lake Plaza in 1981 (Reference: PCD-81-02). At the time, the northern portion was developed for a Wags restaurant. The southern portion of the subject site area was annexed into the City on October 6, 1986 (Reference: Ordinance No. 86-33/ANX-86-1) and was occupied by an abandoned gas station at the time of annexation. Immediately after annexing into the City, the parcels (that make up the subject site area) were given a Commercial (CM) Future Land Use designation and a Commercial Intensive (CI) zoning classification; the southern portion was subsequently redeveloped with a restaurant use.

On March 15, 2004, the subject site area was granted a Special Exception approval for a retail drugstore with drive-through pharmacy (Reference CVS Pharmacy: Resolution No. 2004-12/SE-03-05) and was subsequently redeveloped with a 14,400 square foot CVS Pharmacy building with a single-drive though facility (Reference: SP-03-12). As part of the CVS redevelopment project, the subject site area was re-platted and fully incorporated into the Mil-Lake Plaza PCD by petition PCD-81-02L.

IV. Applicable Code Provisions:

Sections 16-171 through 16-178 pertaining to Special Exceptions
Sections 16-196 through 16-202 pertaining to Site and Development Plans
Sections 16-211 through 16-214 pertaining to Amendments to Approved Site Plans
Sections 16-496 through 16-506 pertaining to the Commercial Intensive (CI) Zoning District
Sections 16-590 through 16-591 pertaining to the Lake Worth Road Urban Corridor (UC) District
Sections 16-912 through 16-930 pertaining to Planned Commercial Developments
Sections 16-931 through 16-997 pertaining to Sign Regulations
Sections 16-1241 through 16-1312 pertaining to Landscaping
Sections 16-1331 through 16-1340 pertaining to Off-Street Parking and Loading

V. Summary of Proposed Site and Development Plan Details:

The Applicant's Site and Development Plan depicts the following:

1. A new 3,018 square foot single-story restaurant building with elevated architectural design elements.

2. A two-lane drive-through facility with by-pass lane located west of the proposed building.

3. A total of 83 parking spaces, including three (3) accessible parking spaces within the site area.

4. The addition of pedestrian elements into the site design (i.e. decorative trellises).

5. Enhanced landscape improvements.

The site data for the proposed site and development plan is summarized in **Table 2** below.

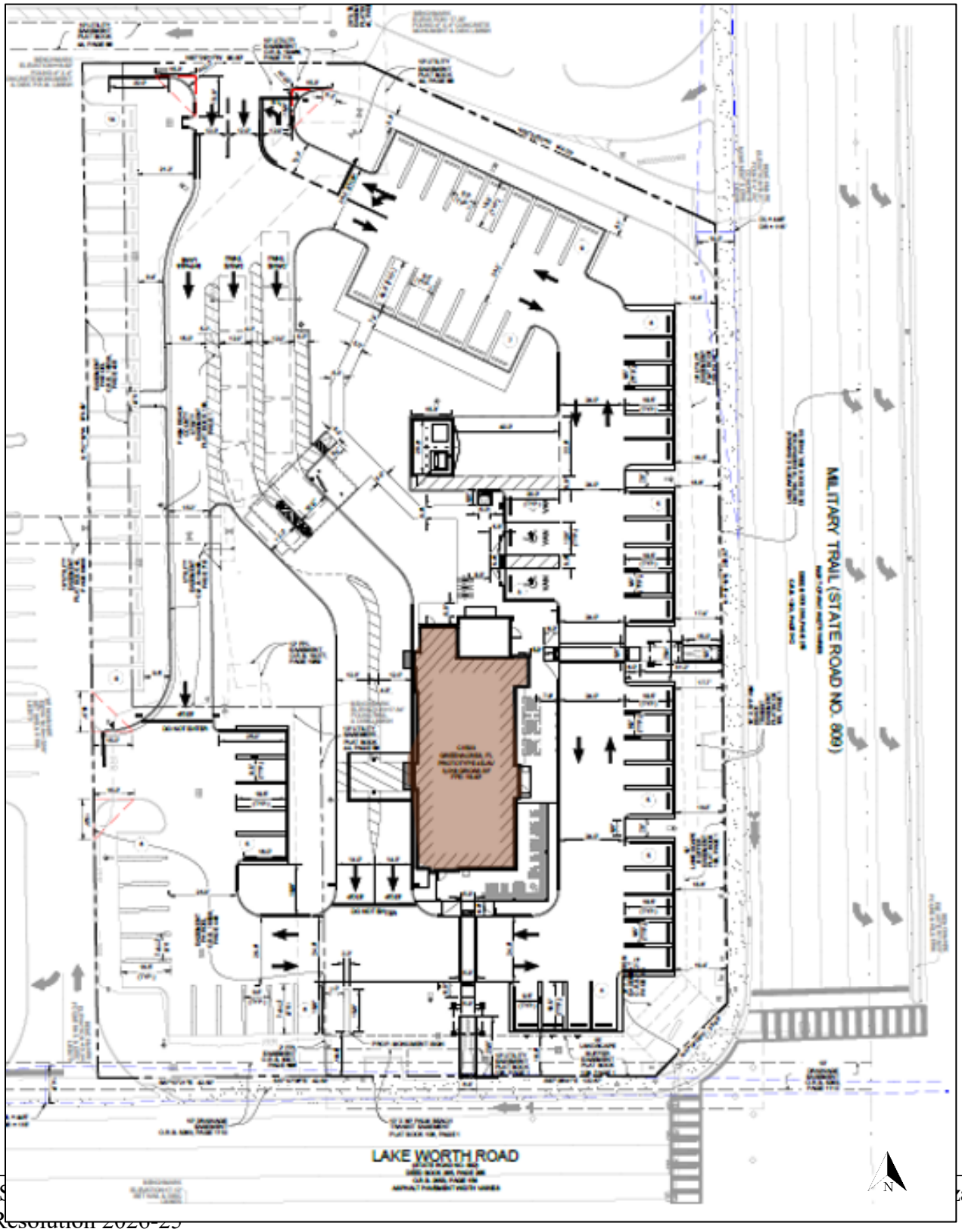
Table 2: Proposed Site Data:			
Area:	**Square Footage:**	**Acreage:**	**Percent:**
Building Coverage (including canopies)	3,558 sq. ft.	0.08 ac.	4.2%
Site Impervious Area (excluding building coverage)	49,474 sq. ft.	1.14 ac.	58.5%
Site Landscape Area	31,539 sq. ft.	0.72 ac.	37.3%
Total:	***84,571 sq. ft.***	***1.94 ac.***	***100%***
Total Floor Area (F.A.R.)	***3,018 sq. ft.***	***0.07***	***0.035***

The proposed Site and Development Plan provides for a 3,018 square foot single-story restaurant building with an 812 square foot covered outdoor patio seating area at the south end of the proposed building. Vehicular circulation for the double drive-through facility is located immediately west of the building. The site design for the project is circular in movement to make the flow of vehicles efficient through the site area. Access into the site for the proposed use is shown at the northwest and southwest corners of the site area boundaries; however, the primary access point will be provided via the main shared ingress/egress drive for the Mil-Lake Plaza on South Military Trail and Lake Worth Road. Direct pedestrian access to the front entrance of the building will be provided and connected to the existing sidewalk system along South Military Trail and Lake Worth Road.

The project will provide a total of 83 parking spaces within the site plan area, and the required trash/pick-up area and loading zone will be located north of the proposed restaurant building. According to the Site and Development Plan, the proposed hours of operation for the use are from 9:00 A.M. to 3:30 A.M.

Figure 1 below shows site layout for the proposed project.

Figure 1:
Proposed Site Plan



VI. Staff Analysis:

The subject site area is comprised of an outparcel (±1.59 acres) and a reciprocal easement area (±0.35 acres) totaling ±1.94 acres of the overall ±12.47-acre Mil-Lake Plaza Planned Commercial Development (PCD). The subject site area is currently comprised of the vacant and former CVS Pharmacy building with drive-through facility. The CVS Pharmacy closed its operation in March 2017, and the building has remained vacant within the subject site area since.

In November 2025, the property was purchased by the applicant with the intent to redevelop the site with a Raising Cane's Restaurant. According to the application, the existing vacant CVS Pharmacy building will be demolished. In order to facilitate the redevelopment of the subject site area with the proposed project, the applicant is seeking approvals for a Special Exception (SE-25-01) and a Site and Development Plan (SP-25-02) to allow for the construction of the drive-through/fast food restaurant use within the Commercial Intensive (CI) zoning district; and an associated amendment to the Mil-Lake Plaza PCD to reflect the proposed changes to the affected portion of the overall plaza (PCD-81-02N).

It is important to note that the Mil-Lake Plaza is located within the Lake Worth Road Urban Corridor (UC) Overlay District. Lake Worth Road is designated as the City's primary commercial corridor, and the Overlay District is identified as the City's commercial corridor redevelopment area. The intent of the overlay is to require any development/redevelopment project along the corridor to provide enhanced design techniques to attract and retain commercial activity within the overlay. Therefore, the proposed project is subject to the enhanced design requirements of the Overlay District.

The proposed project is compatible with the surrounding area, and it meets the minimum zoning requirements of the City Code. Additionally, the applicant has worked with Staff to enhance the overall design to meet the intent and purpose of the Overlay District. The Development Review Committee (DRC) has reviewed the project for technical compliance and has recommended approval of the project, subject to the conditions contained in Staff's recommendation.

VII. Special Exception Criteria and Findings of Fact:

The Special Exception criteria for a drive-through/fast food restaurant use in the CI zoning district are met for the proposed project. The site layout for the proposed use provides for two clearly marked drive-through service lanes on the west side of the proposed restaurant building, and a single 15-foot-wide bypass lane immediately west of the service lanes. The drive-through accommodates the minimum required stacking distance of four (4) vehicles before each menu board, and the queuing distance does not encroach nor impedes the traffic circulation of the overall site design. Pavement markings are clearly shown to direct vehicular movement and minimize any traffic conflicts. The site circulation, including the service queuing for the project, was evaluated by the City's Traffic Consultant and no major concerns were identified.

Regarding the proposed use, the drive-through/fast food restaurant use is compatible with its immediate and surrounding area. The proposed use is a commercial use along the City's primary commercial corridor at a high traffic intersection, and a drive-through/fast food restaurant is a common use in such areas. Additionally, there are two (2) existing drive-through restaurants currently located within the Mil-Lake Plaza (i.e. KFC and Miami Grill), which demonstrates that the proposed use is well suited at its proposed location. These existing drive-through restaurant establishments are also located on outparcels within the PCD, and traffic circulation is maintained within their respective outparcels to minimize traffic circulation conflicts within the plaza.

The proposed use has been evaluated for compliance with the Special Exception Standards in Section 16-173 of the City Code. Staff's findings for each standard is provided below:

1. **The proposed use complies with all relevant goals, objectives, policies and other applicable requirements of the city's Comprehensive Plan and provisions of the City Code.**

   Findings: The proposed use complies with the relevant elements of the City of Greenacres Comprehensive Plan, and aligns with the goals, objectives and policies outlined in the Comprehensive Plan, which is designed to direct growth and development towards suitable areas within the City. The proposed use is a commercial use located along a high-traffic intersection within the City's primary commercial corridor. The Special Exception approval for the drive-in/fast food restaurant use in the CI zoning district is necessary to ensure that any potential site-specific impacts arising from the proposed use and operation are thoroughly addressed and adequately mitigated.

2. **Ingress and egress to the property and proposed structures thereon with particular reference to automotive and pedestrian safety and convenience, efficient traffic flow and control, and access in case of fire or catastrophe will not be adversely affected by the proposed special exception.**

   Findings: Vehicular ingress and egress, and pedestrian safety will not be adversely affected by the proposed Special Exception. Vehicular access and circulation is designed and contained within the site plan area to minimize potential conflicts. The project provides crosswalks and pedestrian walkways from vehicular use areas, and also direct pedestrian access to the proposed restaurant building from the public rights-of-way along Lake Worth Road and South Military Trail. The organized layout of separating pedestrian circulation from vehicular movement improves the safety of the proposed use within the site.

3. **Off-street parking and loading areas are well-designed to meet operational needs.**

   Findings: The off-street parking provided within the site area and Mil-Lake Plaza meet the minimum parking requirements for a drive-in/fast food restaurant use. The site also includes a designated loading area, to be utilized during non-operational hours, to ensure efficient deliveries and to prevent traffic conflicts with the use during operational hours.

4. **Refuse and service areas are appropriately located and designed, with attention to safety, accessibility, and aesthetic compatibility.**

Findings: The City's franchise hauler will serve the site for all refuse collection. The dumpster and recycling provisions meet all City Code requirements and will not adversely affect public health and safety.

5. **The proposed use must not introduce nuisance factors detrimental to adjacent and nearby properties and the city as a whole. Nuisance factors shall include, but not necessarily be limited to, noise, odor, smoke, glare, electrical interference and/or mechanical vibrations.**

   Findings: The proposed use will not introduce nuisance factors detrimental to adjacent and nearby properties. The use is a similar and compatible commercial use to the existing high intensity commercial uses in the immediate and surrounding area. The project meets the minimum Code requirements for building setbacks, parking, drainage, landscaping and lighting, which are provided to safeguard the adjacent and surrounding uses from the proposed use.

6. **The location, availability and compatibility of utilities for the requested use will not adversely affect public health and safety.**

   Findings: The proposed project is an infill redevelopment project. All required utility connections exist and are available on-site to serve the project.

7. **The screening and buffering of the requested use are consistent with the intent of the zoning requirements relative to type, dimension and character.**

   Findings: The screening and buffering requirements are met for the project. In addition to meeting the minimum buffer requirements and exceeding the minimum landscape material requirements for the use, the landscape design for the project has been enhanced utilizing a complimentary mix of existing plant material to be preserved, while adding a variety of new landscape material to provide an adequate and attractive screen for the use from the adjacent uses and roadways.

8. **Signs and proposed exterior lighting are provided with reference to glare, traffic safety and economic effect, and compatibility and harmony with properties in the district.**

   Findings: The proposed signage and exterior lighting for the project is compatible and in harmony with the properties in the surrounding area and are also consistent with the minimum requirements of the City's Code requirements. A comprehensive sign program is included in the Site and Development Plan, and it has been found to be consistent with the requirements of the City's Sign Regulations. Additionally, the provided photometric plan shows the exterior lighting meets the City Code requirements and will be dark-sky compliant.

9. **The requested use meets the required yards and other open space.**

   Findings: The proposed use meets the minimum building setbacks and open space requirements for the CI zoning district.

10. **Proposed use is generally compatible with adjacent properties, the surrounding district, and the overall character of the community, considering architectural style, scale, density, land**

use, hours of operation, and other factors that may be used to measure compatibility.

Findings: The proposed use is compatible with the adjacent properties, the surrounding district and the overall character of the surrounding area. A drive-in/fast food restaurant is a common and compatible use along the high-intensity commercial corridor, and the subject site is surrounded by existing similar and compatible uses that feed off the high traffic volumes of the area. The project minimizes any potential impact on the adjacent properties and rights-of-way, and improves the visual attraction along the corridor by its strategic placement of the building (which meets the minimum building setback requirements of the CI zoning district) and by implementing enhanced architectural and landscape design techniques. Based on the setbacks, buffers and architectural design, and general character of the existing uses in the surrounding area, the use will function compatibly with the surrounding properties.

11. The proposed use will be in the best interests of the city, the convenience of the community, the public welfare, and be a substantial improvement to the property in the immediate vicinity.

Findings: The proposed use will be an improvement to the property and to the immediate vicinity. The use will provide additional service-oriented convenience options for the patrons in the area; and the proposed site and development plan, which implements design techniques that are consistent with the intent of the Lake Worth Road Urban Corridor (UC), provides an attractive project along the commercial redevelopment corridor, to which it is located.

12. The change suggested is not out-of-scale with the needs of the neighborhood or the City.

Findings: The proposed drive-in/fast food restaurant is appropriately scaled for its location and is consistent with the size and intensity of surrounding commercial uses. The proposed use is consistent with the existing retail and service-oriented uses along the Lake Worth Road commercial corridor and it will provide additional food service options for the surrounding community.

13. The requested use and structure is consistent with any special requirements set out in the Schedule of District Regulations for the particular use and structure involved.

Findings: The use complies with the special requirements as outlined in the Special Exception criteria for a drive-through/fast food restaurant in the CI zoning district. The project clearly identifies two drive-through stacking lanes and a single bypass lane, which are the special requirements for the use.

VIII. Standards for Site and Development Plans and Staff's Findings of Fact:

Site and Development Plan (SP-25-02):

The applicant has provided a complete Site and Development Plan application that includes a Site Plan, a Landscape Plan, a preliminary Civil Plan, an Architectural Plan set, a Photometric Plan, and a Signage Program for the proposed Raising Cane's drive-through/fast food restaurant. Based on Staff's review of the Site and Development Plan, the plan complies with the minimum development standards for CI

zoning district, parking and loading, lighting and landscaping requirements of the City Code.

As noted above, the project is located within the Lake Worth Urban Corridor (UC) Overlay District. In order to comply with purpose and intent of the Overlay, the applicant has worked with Planning Staff to enhance the design of the project, including raising the height of the single-story building to 22 feet to improve the prominence of the building at a critical intersection within the City, which also serves as the southeastern gateway into the City. Additionally, the project provides for enhanced pedestrian circulation and design, through the establishment of walkways by providing direct connections to the restaurant building from the public rights-of-way on South Military Trail and Lake Worth Road. Pedestrian amenities, such as decorative trellises along the walkways are also integrated into the landscape design to attract and encourage pedestrian activity along the street frontages of the proposed use.

The signage program for the Site and Development Plan provides specifications for wall signage on each of the four (4) building elevations, the free-standing identification sign, and two (2) menu boards for the drive-through service lanes. Per Section 16-982(c) of the City Code, only three (3) wall signs are permitted; however, the applicant has requested a sign waiver for the fourth wall sign pursuant to Section 16-961 of the City Code. According to the Code, one (1) additional wall sign above the maximum signage requirement may be permitted for the project if there is a governing Master Sign Plan for the PCD. The Mil-Lake Plaza Master Sign Plan (Reference: MSP-24-09) is being established and is currently reviewed as a separate application from the project. The applicant cites the visibility of the use from the interior of the plaza as necessary for the additional signage. Staff does not object to the sign waiver, as visibility of the establishment is important for navigating and improving traffic safety within the plaza. With exception to the sign waiver to allow for the additional wall sign, the sign program has been found to be generally consistent with the sign regulations of the City. The applicant will continue to work with Staff on finalizing the organization of the sign program, and prior to City Council.

Based on the required and proposed improvements, it is likely that the project will be subject to the Art in Public Places (AIPP) requirement, which requires all development/redevelopment projects exceeding $250,000 in construction cost to contribute to the City's public art fund, pursuant to Section 16-662 of the City Code. The purpose of the AIPP is to promote artistic creativity and community vibrancy within City. The applicant has stated that a payment in lieu of artwork will be made. The payment will be initialized at time of building permit, and a condition has been added as such in Staff's recommendation.

Planned Commercial Development Amendment (PCD-81-02N):

A Planned Commercial Development (PCD) is a master planned commercial development consisting of two (2) or more commercial uses on a single site through the use of a unified commercial site and development plan. The purpose of the PCD is to provide and maintain a cohesive design for the overall development site. Any modification to the existing PCD requires a concurrent PCD amendment with the Site and Development Plan for any proposed development and/or redevelopment.

As noted above, the subject site area is located within the Mil-Lake Plaza PCD. This amendment to the PCD will update the Master Development Plan for the Mil-Lake Plaza to incorporate the site changes

proposed for the Raising Cane's Restaurant (Reference: SP-25-02). The PCD amendment maintains consistency with the site requirements, the off-site parking and loading requirements, landscape buffer requirements and lighting requirements for the overall PCD.

It is important to note that the Mil-Lake Shopping Plaza was constructed and established as a PCD in the early 1980s (Reference: PCD-81-02). At the time, the regulations establishing PCDs did not require commercial developments to enter into a unity of control until 1999; the unity of control is necessary to ensure that the PCD is maintained as a unified development in perpetuity (Reference: Ordinance No. 99-02). Due to the age and complex nature of the Mil-Lake Plaza (i.e. a unity of title was not finalized, and irregular outparcels have been created within the plaza), a unity of control was never executed, despite the fact that the existing uses and buildings have long been dependent on shared access, parking, maintaining drainage outflow requirements, and utilities within the plaza. When the CVS project was approved in 2004, a Reciprocal Easement Agreement was executed between the CVS outparcel and the plaza (Reference: ORB 16839, Page 446), enabling the CVS outparcel to legally maintain use of the existing utilities and infrastructure within the plaza (and outside of the outparcel boundaries). The Reciprocal Easement Agreement contains stipulations similar to a unity of control, but the agreement is strictly between the subject outparcel and plaza. A condition that the applicant executes the update to the reciprocal agreement to a form acceptable to the City Attorney and prior to the issuance of final engineering permit is included in Staff's recommendation.

Standards for Site and Development Plans:

The proposed Site and Development Plan and PCD Amendment have been reviewed for compliance with the Zoning Regulations. Staff's analysis is provided below.

1.	Minimum Lot Requirements:	The subject property is an outparcel that belongs to an existing shopping center approved prior to July 14, 1986 (Mil-Lake Plaza PCD). Therefore, the site area of ± 1.94 acres **meets** the minimum area requirements in accordance with Section 16-502(3) of the Zoning Regulations.
2.	Maximum Building Coverage:	The proposed building coverage of 4.2% **does not exceed** the maximum allowable building coverage of 30% within the CI zoning district.
3.	Minimum Yard Requirements:	The proposed building setbacks **are consistent** with the required building setbacks in the CI zoning district.
4.	Height Restrictions:	The proposed building height of 22 feet **does not exceed** the maximum allowable height of 35 feet within the CI zoning district.
5.	Off-Street Parking & Loading:	The proposed project **meets** the minimum off-street parking and loading requirements for the use. The project will provide 83 parking spaces, including three (3)

		accessible parking spaces within the site area, exceeding the minimum 38 parking spaces required to meet the parking demand for the use. Additionally, the subject property is part of the Mil-Lake Plaza PCD, and parking is shared within the PCD. The total number of standard and accessible parking spaces within the PCD exceeds the minimum required for the uses within the PCD.
6.	Landscaping:	The landscaping plan **complies** with the intent of the landscape code requirements. (See Landscaping Plans)
7.	Lighting:	The photometric plan **complies** with the applicable City Code requirements for lighting. All lighting will be dark-sky compliant. (See Photometric Plans)
8.	Sign Regulations:	The signage program, consistent with requirements of the City's Sign Regulations **will need to be finalized**, and prior to City Council.
9.	Utilities:	The proposed water, sanitary sewer, and drainage systems **meet** preliminary engineering and City Code requirements, subject to final approval of an Engineering Permit, and prior to the issuance of a Building Permit.
10.	Concurrency:	The proposed project **meets** traffic concurrency. Water and Sewer service and capacity **are available** to serve the site.
11.	Comprehensive Plan:	The proposed project is consistent with the Future Land Use classification of Commercial (CM) and the proposed Floor Area Ratio (FAR) of 0.035 **does not exceed** the allowable FAR of 0.35 in the CI zoning district.
12.	Color Scheme:	The applicant **will need to provide** the color scheme for the proposed building and prior to City Council.
13.	Site and Building Design:	The project layout and architectural design **comply** with the Site and Building Design requirements of the Code and the CI zoning district.
14.	Hours of Operation:	The proposed hours of operation, from 9:00 a.m. to 3:30 a.m. are **compatible** with the surrounding land uses, given the adjacent commercial context of the area.

IX. Staff Recommendation:

Approval of SE-25-01, SP-25-02, and PCD-81-02N with the following conditions:

1. The most stringent requirements of this DNS Staff Report and Recommendation, and strict compliance with the Site and Development Plans exhibits listed below, which are attached hereto and made part hereof as Exhibit "A":
    A. SP-25-02 Raising Cane's Restaurant **Site Plan**, Sheets SP-1 through SP-3, prepared by Kimley-Horn and Associates.
    B. SP-25-02 Raising Cane's Restaurant **Landscape Plan**, Sheets L-000, L-010, L-100 through L-101, L-151 through L-153, L-200, and L-250 through L-253, prepared by Kimley-Horn and Associates.
    C. SP-25-02 Raising Cane's Restaurant **Photometric Plan**, Sheet P-000, prepared by Kimley-Horn and Associates.
    D. SP-25-02 Raising Cane's Restaurant **Architectural Plan**, Sheets A0.11, A0.12, A0.30, A1.10, A1.60, A2.10 and A2.11; and Architectural Elevations (Colored) & Material Finishes, prepared by Zebra Architecture, PLLC.
    E. SP-25-02 Raising Cane's Restaurant **Civil Plan**, Sheets C-100, C-200 through C-202, C-300 through C-304, C-400 through C-403, C-500 and C-501, C-600 through C-603, C-700 and C-701, prepared by Kimley-Horn and Associates.
    F. SP-25-02 Raising Cane's Restaurant **Sign Program**, Pages 2 through 9, prepared by Allan Industries.
    G. PCD-81-02N Mil-Lake Plaza Planned Commercial Development **Master Plan**, Sheet MP-1, prepared by Kimley-Horn and Associates.

2. All signage shall be permitted in accordance with the Master Sign Plan for the Mil-Lake Plaza. (Reference: MSP-24-09) (Planning and Building)

3. The existing transit shelter shall be the permanent maintenance obligation of the property owner, including the removal of any trash, garbage, debris, or other waste material, upkeep of all landscaping, electricity for the shelter security light, and keeping the easement and overall site free of dangerous conditions.

4. The existing Reciprocal Easement Agreement between the subject site area and Mil-Lake Plaza (Reference: ORB 16839, Page 446) shall be updated to eliminate any specific references as it relates to the previous development on site (CVS Pharmacy) to ensure the document's validity for the current property owner(s), its successors or assigns. The Reciprocal Easement Agreement shall be updated in a form acceptable to the City Attorney and recorded in the records of Palm Beach County prior to the issuance of final engineering permit. All parties are expected to engage in good faith negotiations to attempt to resolve any disputes; should these negotiations fail to produce an amicable resolution, the applicant shall work with the City to resolve the matter. (Planning and Engineering)

5. The project shall be required to pay the City's impact fee of $2.80 per square feet of gross floor area in accordance with Section 16-201 of the Code of Ordinances. The impact fee amount of **$8,450.40** shall be paid to the City prior to the issuance of any building permits. (Planning, Engineering and Building)

6. The project shall be required to pay the City's Art in Public Places (AIPP) public art fee if the total cost of construction costs is two hundred and fifty thousand dollars ($250,000) or greater,

in accordance with Section 16-661 of the City's Code of Ordinances. If applicable, the public art fee shall be equal to one (1) percent of the total construction costs of the project. The contribution shall be placed into the City's public art fee fund and the contributor shall have no input in the use of such funds. The contribution shall be divided into two (2) payments as follows: (Planning and Building)

A. **Prior to Building Permit Issuance:** The developer shall submit to the Building Division/Finance Department a preliminary certification of the total construction costs. This preliminary certification shall be used to calculate the developer's initial payment of thirty (30) percent of the contribution. The developer shall make this initial payment to the Building Division/Finance Department prior to the issuance of any building permit.

B. **Prior to the Issuance of the Final Certificate of Occupancy:** The developer shall submit to the Building Division/Finance Department a final certification of the total construction costs. This final certification shall be used to calculate the outstanding portion of the contribution. The developer shall pay the outstanding portion of the contribution prior to the issuance of the final certificate of occupancy for the project.

7. Any site permits required and/or obtained shall be maintained in active status with the respective permitting agency until all the work covered by the permit is satisfactorily completed, any applicable inspections passed and officially closed out with the City. (Building, Planning, Engineering and Public Works)

8. Permits for the South Florida Water Management District (SFWMD), Lake Worth Drainage District (LWDD), and Palm Beach County Land Development, as required, for stormwater management system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

9. Permits from the Health Department for modifications to the water and sewer system must be obtained prior to the issuance of an Engineering Permit. (Engineering)

10. An Engineering Permit, issued by the City of Greenacres, is required prior to any sitework or construction activities on the subject property. The Engineering Permit must be closed out before the Certificate of Occupancy (C.O.) is issued. No Engineering Permit shall be issued for the construction or work until an approved cost estimate and a bond for all site work has been posted. Once the site work is complete, a maintenance bond will be required prior to the close out of the Engineering Permit. (Engineering)

11. Upon completion of all required improvements, the civil engineer of record shall prepare as-built drawings for all project plans and submit the project baseline data for all relevant layers to the Development & Neighborhood Services Department. The data must be provided in one of the following formats: (a) AutoCAD DXF, (b) GIS shapefile (comprising the ESRI extensions .shp, .shx, and .dbf), or (c) Geodatabase (with the ESRI .gdb extension). The timeline for submitting the as-built plans will be determined by the City Engineer. (Planning and Engineering)

12. Complete drainage calculations addressing water quality and quantity in accordance with the applicable requirements must be submitted for review along with complete paving and drainage construction plans and subsurface investigation with percolation test. All required documents must be submitted with the application for Engineering Permits. (Engineering)

13. In accord with the determination of compliance with the Traffic Performance Standards by Palm Beach County Engineering issued on November 24, 2025, no building permits shall be issued after the build-out date of **December 31, 2027**, unless a later build-out date has been approved by the County and a copy of the approval provided to the City of Greenacres. (Planning and Building)

14. Any unused existing easements on the subject property shall be abandoned prior to the issuance of Engineering Permits. (Engineering)

15. In accordance with the requirements of the National Pollution Discharge Elimination System (NPDES), best management practices shall be used to control runoff from construction activities. An NPDES Permit shall be provided to the City, prior to any site activity, as part of the Engineering Permit. (Planning, Engineering, Building and Public Works)

16. Utilities shall be provided underground and sufficient in size to properly serve the site. Appurtenances to these systems which require above-ground installation must be effectively screened from view. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning, Engineering and Building)

17. All utilities and services to the site shall be provided by entities holding valid franchise agreements with the City. (Engineering and Building)

18. All ground mounted mechanical equipment (air conditioning, backflow preventer, etc.) shall be screened from view. No equipment shall be taller than the proposed screening. If it is determined by the City that the screening does not effectively mitigate the impact, additional screening may be required. (Planning and Building)

19. The project shall participate in the City Tree Dedication Program per Section 16-1293 of the City Code. Prior to the issuance of any building permit, one (1) tree shall be donated per 1,000 square feet of building area or fraction thereof. Therefore, **four (4) Live Oaks or equivalent cash payment** shall be donated to the City subject to the following specifications: Live Oak, Florida Grade #1 Container Grown; minimum 12-feet in height; 2-inch diameter trunk at 4-feet; and 5-foot spread. (Planning and Building)

20. Landscaping shall be maintained in perpetuity in accordance with the City's Landscape Regulations and the approved Landscape Plan, including specifications for plant size, number, location, and type of landscaping material. All plant life shown on an approved landscape plan shall be replaced if it dies, is seriously damaged, or removed. All plant materials shall be kept reasonably free of visible sign of pests, infestation, or disease. (Planning)

21. A certified cost estimate by a FL Registered Landscape Architect or Engineer, for the project's landscape materials, installation, irrigation and labor to establish a 1-year maintenance financial

guarantee or financial security in a form acceptable to the City Attorney in the amount of 110% of the estimate shall be posted for the project's landscaping, in addition to the other bonds required for site improvements. The owner shall provide this financial guarantee or financial security before the City performs any landscape inspection or issues a Certificate of Occupancy. If project's landscaping is not maintained, the City may use the financial guarantee or financial security to maintain or replace dead or unacceptable landscape materials and irrigation components after providing written notice to the property owner. (Planning and Engineering)

A. The project Landscape Architect shall conduct a field inspection at substantial completion of the project to verify that the landscape and irrigation installation complies with the approved plans and is healthy and flourishing before the project's 1-year maintenance financial guarantee/security period begins. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City inspection of the landscape installation.

B. The project Landscape Architect shall conduct an interim field inspection near the 6-month mark of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request an interim City re-inspection of the maintained landscaping at the 6-month mark of the maintenance financial guarantee/security period.

C. The project Landscape Architect shall conduct a field inspection near the completion of the project's 1-year maintenance period to verify that the landscape and irrigation installation continues to comply with the approved plans and is healthy and flourishing. The project Landscape Architect shall then submit a Certificate of Compliance letter to the City of Greenacres and request a final City re-inspection of the maintained landscaping 30 days prior to the end of the maintenance financial guarantee/security period.

D. Upon passing the final re-inspection, the property owner may request in writing the release and return of any remaining financial guarantee/security. If the location fails the final re-inspection, the financial guarantee/security shall not be released to the property owner. Once the property owner completes the required improvements, the financial guarantee/security shall be released. If these necessary improvements do not occur, the City may use the financial guarantee/security to maintain or replace landscape items as necessary.

22. A site clearing and tree removal permit shall be required prior to any clearing activities on site. This permit shall demonstrate protection of existing trees to remain. Landscaping Plan additions may be necessary to meet Code requirements if existing material is unsuitable to remain. (Planning)

23. By the initial landscape inspection, all existing invasive non-native plants shall be removed from the property. It shall be the responsibility of the property owner to maintain the site free from invasive plans in perpetuity. (Planning)

24. All advertisements and legal addresses on insurance policies and business correspondence shall clearly state that the project is located within the "City of Greenacres". (Planning)

25. The Site and Development Plan shall be revised as necessary and as otherwise noted herein to reflect all conditions of approval and re-submitted, prior to the issuance of Engineering Permits. (Planning, Building, Engineering and Public Works)

26. Approval of this Special Exception (SE-25-01) and Site and Development Plan (SP-25-02) renders all previously issued Special Exceptions and Site and Development Plan for this property null and void. Any increase in size for this Special Exception use will require an amendment to the Special Exception. (Planning)

27. Non-compliance with any of the conditions of approval will result in withholding of the issuance of building permits and a Certificate of Occupancy. (Planning, Engineering, and Building)

28. The conditions of approval herein shall apply to the Owner, Applicant, and their successors and assigns. Deviation from any portion of the approved Special Exception (SE-25-01), Site and Development Plan (SP-25-02), or failure to comply with any requirement, condition or safeguard imposed by the City during the approval procedure shall render the Special Exception and Site and Development Plan approvals null, void, and no further effect upon determination by the City Council. (Planning)

29. **CITY NOTICES:**

    (1) **Development permits and orders.** As provided by subsection 166.033(6), Florida Statutes, issuance of a development permit by a municipality does not create any right on the part of an applicant to obtain a permit from a state or federal agency and does not create any liability on the part of the municipality for issuance of the permit if the applicant fails to obtain requisite approvals or fulfill the obligations imposed by a state or federal agency or undertakes actions that result in a violation of state or federal law.

    (2) **No Guarantee by City.** It is specifically understood that the City is not guaranteeing the appropriateness, efficiency, quality or legality of the use or development of the Property, including but not limited to, drainage or water/sewer plans, fire safety, or quality of construction, whether or not inspected, approved, or permitted by the City.

    (3) **Indemnification.** The Owner/Developer shall indemnify and hold the City harmless from any and all claims, demands, disputes, costs, expenses, (to include attorney's fees whether or not litigation is necessary and if necessary, both at trial and on appeal), incurred by the City as a result, directly or indirectly, of the use or development of the Property, except those claims or liabilities by or arising from gross negligence or intentional acts of the City, or its employees, contractors or agents.

PLANNING & ZONING BOARD ACTION – May 14, 2026

(SE-25-01)

The Planning and Zoning Board of Appeals on a motion made by Board Member Hayes and seconded by Board Member Fitzgerald, voting four (4) to zero (0), ***recommended approval*** of the Special Exception for Raising Cane's Restaurant @ Mil-Lake **(SE-23-05*),*** as presented by staff.

(SP-25-02)

The Planning and Zoning Board of Appeals on a motion made by Board Member Hayes and seconded by Board Member Clements, voting four (4) to zero (0), ***recommended approval*** of the Site & Development Plans for Raising Cane's Restaurant @ Mil-Lake **(SP-25-02*),*** as presented by staff.

(PCD-81-02N)

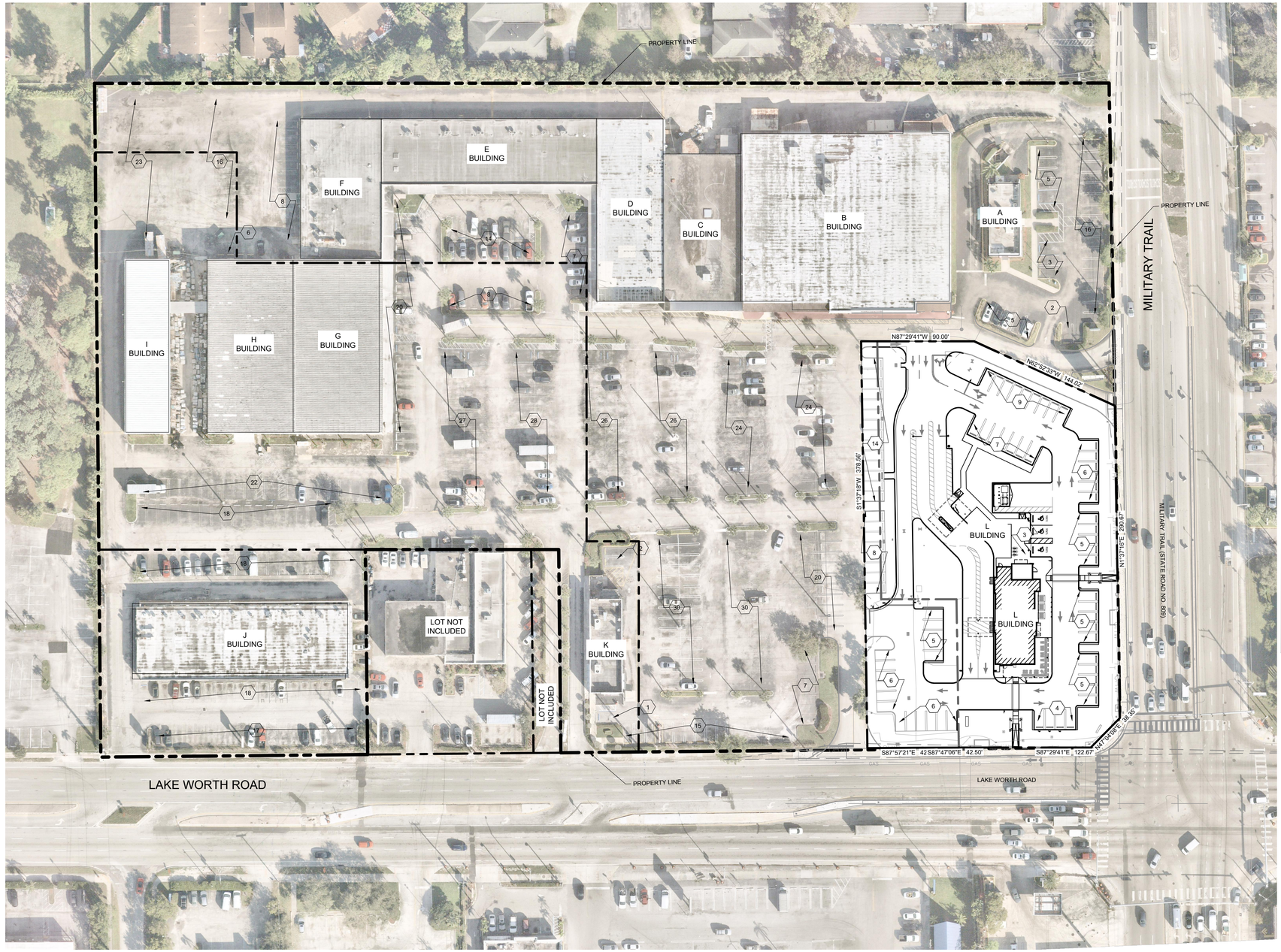
The Planning and Zoning Board of Appeals on a motion made by Board Member Fitzgerald and seconded by Board Member Hayes, voting four (4) to zero (0), ***recommended approval*** of the Planned Commercial Development amendment for Raising Cane's Restaurant @ Mil-Lake **(PCD-81-02N*),*** as presented by staff.

CITY COUNCIL ACTION –

Attachments:

1. Proposed Site and Development Plans (SP-25-02)

NOT FOR CONSTRUCTION - FOR PERMIT ONLY



NORTH

GRAPHIC SCALE IN FEET
0 25 50 100

SITE DATA		
PETITION NUMBER		PCD-81-02N
MASTER PLAN NAME		MIL-LAKE PLAZA
2026 PROJECT AMENDMENT NAME		RAISING CANE'S RESTAURANT
FUTURE LAND USE DESIGNATION		CM
ZONING DISTRICT		CI
SECTION, TOWNSHIP, RANGE		24/44/42
PROPERTY CONTROL NUMBERS		18-42-44-24-23-000-0011
		18-42-44-24-23-000-0012
		18-42-44-24-23-000-0020
		18-42-44-24-23-000-0040
		18-42-44-24-23-000-0050
		18-42-44-24-23-000-0060
		18-42-44-24-23-000-7490
TRAFFIC ANALYSIS ZONE		329
TOTAL SITE AREA		12.47 Ac
TOTAL GROSS FLOOR AREA (TOTAL PCD)		124,618
"A" EXISTING FAST FOOD (MIAMI GRILL)	(46 SEATS)	2,000 SF
"B" EXISTING RETAIL		31,600 SF
"C" EXISTING RETAIL		9,800 SF
"D" EXISTING RETAIL		10,600 SF
"E" EXISTING RETAIL		12,000 SF
"F" EXISTING RETAIL		9,800 SF
"G" EXISTING WAREHOUSE		12,800 SF
"H" EXISTING WAREHOUSE		12,800 SF
"I" EXISTING WAREHOUSE		6,400 SF
"J" EXISTING RETAIL		12,000 SF
"K" EXISTING FAST FOOD (KFC)	(50 SEATS)	1,800 SF
"L" PROPOSED FAST FOOD (RAISING CANE'S)	(138 SEATS)	3,018 SF
TOTAL FLOOR AREA RATIO		0.23
TOTAL BUILDING COVERAGE (SF)		23%
(INCLUDING CANOPYS OF 255 SF)		
BUILDING HEIGHT (FT)		MAX. 35
PARKING REQUIRED		
EX FAST FOOD (96 /3)		(32 PARKING SPACES)
RAISING CANE'S (138/3)		(46 PARKING SPACES)
RETAIL 1 SPACE/200 S.F. (85,800 /200)		(429 PARKING SPACES)
WAREHOUSE 1 SPACE/2,000 S.F. (32,000 /2000)		(16 PARKING SPACES)
REQUIRED PARKING		523
HANDICAP SPACES REQUIRED PER PARKING CALCULATIONS		11
PARKING PROVIDED		
EX FAST FOOD	=	34
RAISING CANE'S	=	83
EX RETAIL	=	429
EX. WAREHOUSE	=	22
PROPOSED PARKING		568
HANDICAP SPACES REQUIRED FROM PROVIDED (2% OF TOTAL)		12
HANDICAP SPACES PROVIDED		28

DEVELOPMENT TEAM	
DEVELOPER:	RAISING CANE'S, L.L.C. SARAH HOLMES 6800 BISHOP ROAD PLANO, TEXAS 75023 (423)-807-0008
SURVEYOR:	PULICE LAND SURVEYORS, INC. 5381 NOB HILL ROAD SUNRISE, FLORIDA 33351 (954)-572-1777
CIVIL ENGINEER:	JOHN L. CORDASCO, P.E. KIMLEY-HORN AND ASSOCIATES, INC. 8201 PETERS ROAD, SUITE 2200 PLANTATION, FL 33324 (561)-833-3114
ARCHITECT:	Ms. DIANA CHASE ZEBRA ARCHITECTURE, PLLC 14614 N. KIELAND BLVD SUITE N 300 SCOTTSDALE, AZ 85254

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T-BEAR; ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

Signature must be verified on any electronic copies.

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

MASTER PLAN

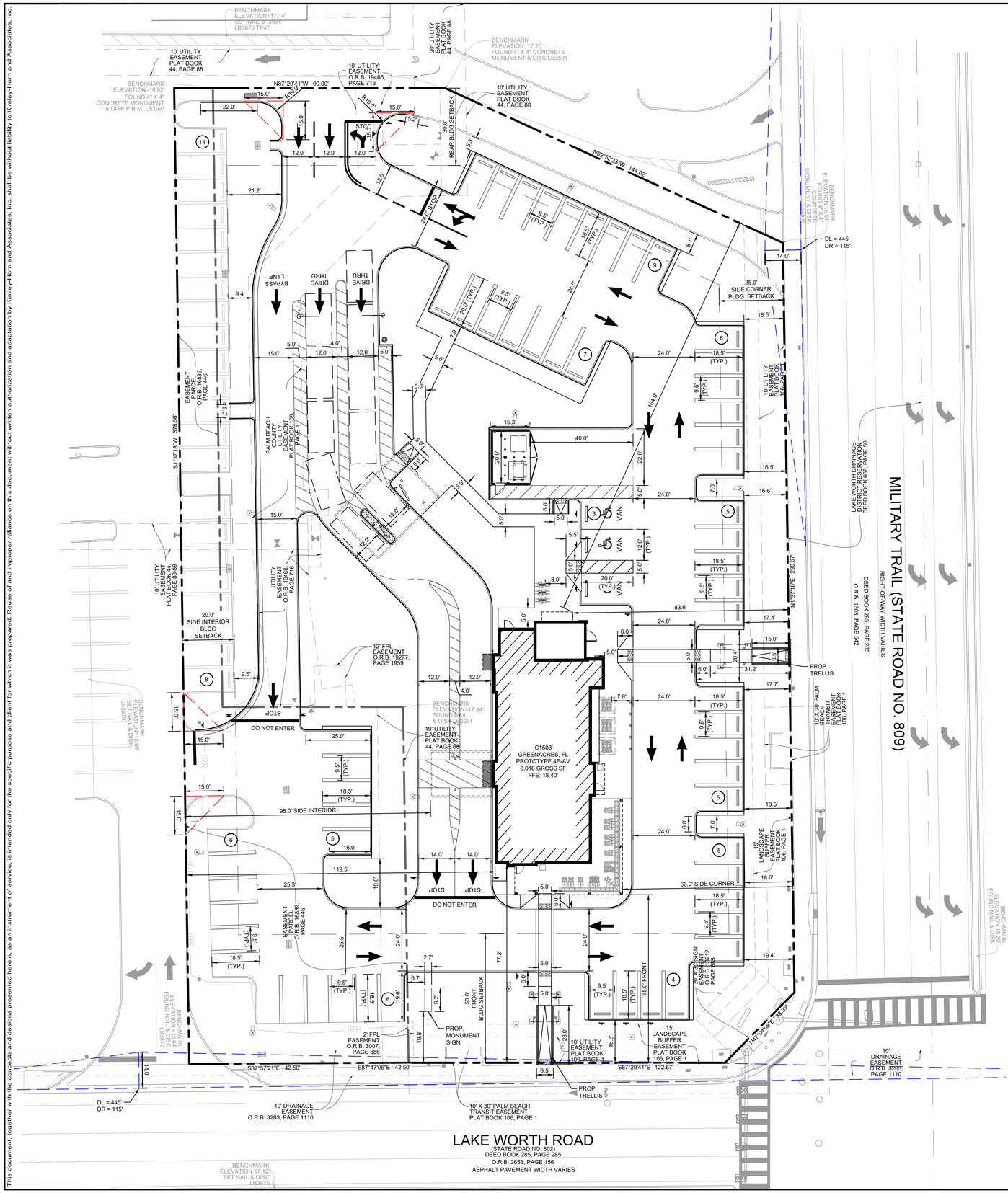
RAISING CANE'S RESTAURANT #1503

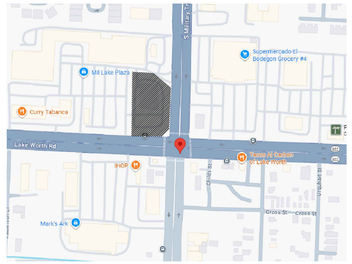
CITY OF GREENACRES FL

SHEET NUMBER MP-1

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: MP-1 MASTER PLAN May 19, 2026 12:56:14pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\MP-1 MASTER PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

NOT FOR CONSTRUCTION - FOR PERMIT ONLY





SITE LOCATION MAP
(NOT TO SCALE)

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

LEGEND

- SITE AREA BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- SETBACK/SEPARATION
- CITY OF GREENACRES SIGHT TRIANGLE (15'X15')
- FDOT SIGHT DISTANCE AT INTERSECTIONS (DL = 445' / DR = 115')
- (#) PROPOSED PARKING COUNT
- PROPOSED LIGHT POLE
- 10'X20' DRIVE-THRU QUEUE PLACEHOLDER AND POSITION COUNT (10 TOTAL) PER CITY OF GREENACRES

SITE DATA

PARCEL A OF "MIL-LAKE CVS"

PARCEL CONTROL NO. (PCN)	18-42-44-24-38-001-0000
EXISTING LAND USE DESIGNATION	CM - COMMERCIAL
EXISTING ZONING	CI-COMMERCIAL INTENSIVE
EXISTING USE	SMALL DISCOUNT STORE
PROPOSED USE	RESTAURANT W/ DRIVE-THRU
TOTAL SITE AREA	84,571 SF / 1.94 AC
GROSS BUILDING AREA	3,018 GROSS SF
PROPOSED BUILDING TYPE	V-B
PROPOSED PATIO AREA	812 SF
PROPOSED CORRAL AREA	285 SF
PROPOSED ROOF AREA	3,273 SF
BUILDING TOTAL AREA	3,558 SF
FLOOR AREA RATIO (FAR)	0.036 (3.6%)

IMPERVIOUS VS PERVIOUS AREA (PCD BOUNDARY)

	EXISTING	PROPOSED
IMPERVIOUS (SF)	60,583	53,032
PERVIOUS (SF)	23,988	31,539

BUILDING HEIGHT (CI-ZONING DISTRICT)

	MAXIMUM	PROPOSED
BUILDING HEIGHT	35'	22'-0" [4]

HOURS OF OPERATIONS[3]

OPEN	9:00 AM
CLOSE	3:30 AM

ESTIMATED OCCUPANCY

INDOOR (FBC)	104

EMPLOYEES AND SEATING

NUMBER OF EMPLOYEES	8
INTERIOR SEATING	72
EXTERIOR PATIO SEATING	41
TOTAL SEATING	113

PARKING TABLE

	REQUIRED	PROPOSED
STANDARD PARKING	38 SPACES	80 SPACES
ACCESSIBLE	2 SPACES	3 SPACES
TOTAL PARKING	38 SPACES	83 SPACES[5]

BICYCLE PARKING

	REQUIRED	PROPOSED
BICYCLE PARKING (EACH)	5 SPACES	6 SPACES

DEVELOPMENT REGULATIONS

ZONING DISTRICT (CI)	MAX. FAR	MAX. BLDG. COVER	MAX. BLDG. HEIGHT	SETBACKS / SEPARATIONS			
				FRONT	SIDE INTERIOR	SIDE CORNER	REAR
REQUIRED	0.35	0.30	35'	50'	20'	25'	30'
PROVIDED (SEE NOTE 1)	0.25	0.26	22'	65'	95'	66'	164'

NOTES:
1. PARKING REQUIRED FOR DRIVE-THRU RESTAURANT IS 1 SPACE PER 3 PERSONS NORMALLY ACCOMMODATED, AND BICYCLE PARKING SPACES REQUIRED IS 1 SPACE PER 20 VEHICULAR PARKING SPACES - OR A MINIMUM OF 5 BICYCLE PARKING SPACES, PER PRE-DEVELOPMENT REPORT PROVIDED BY CDS, DATED 06/27/2025.
2. DELIVERIES TO OCCUR ONLY DURING RESTAURANT'S NON-OPERATING HOURS (BEFORE OPENING AND/OR AFTER CLOSING).
3. OPERATIONAL HOURS CONSIDER DRIVE THRU ALONG WITH INDOOR AND OUTDOOR DINING.
4. HEIGHT MEASURED IS FROM GROUND LEVEL TO TOP-OF-TOWER.
5. SHARED PARKING ALONG THE WEST OF THE SITE IS INCLUDED IN THE CALCULATION AND ALSO AVAILABLE TO SERVE THE SITE - AS PART OF THE MIL/LAKE PLAZA SHOPPING CENTER
6. FDOT SIGHT DISTANCE AT INTERSECTIONS ARE FOR REFERENCE AT DRIVEWAYS CONNECTING TO FDOT ROADS. THE DRIVEWAYS ALONG LAKE WORTH ROAD & MILITARY TRAIL SHALL NOT BE MODIFIED. VISIBILITY DISTANCES AND DIMENSIONS ARE PER FDOT EXHIBIT 212-7 FROM THE FDOT DESIGN MANUAL (01/01/2026) TOPIC #625-000-002 FOR DESIGN SPEED 45 MPH.
7. REFER TO SHEET SP-2 FOR ZONING SITE PLAN DETAILS.

MSP NOTE:
1. ALL SIGNAGE SHALL COMPLY WITH THE SIGN PROGRAM FOR THE RAISING CANE'S RESTAURANT, AND THE MASTER SIGN PLAN (MSP) FOR THE MIL-LAKE PLAZA. ANY SIGN ELEMENT NOT SPECIFICALLY ADDRESSED IN THE SIGN PROGRAM FOR THE RAISING CANE'S RESTAURANT OR THE APPROVED MSP FOR THE MIL-LAKE PLAZA SHALL COMPLY WITH THE CITY SIGN REQUIREMENTS.

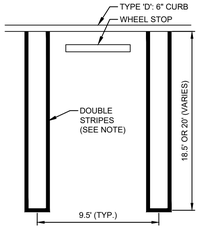
ZONING COMPLIANCE NOTES:
1. OUTDOOR SEATING SHALL COMPLY WITH ALL BUILDING, FIRE, AND APPLICABLE SAFETY CODE REQUIREMENTS.
2. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

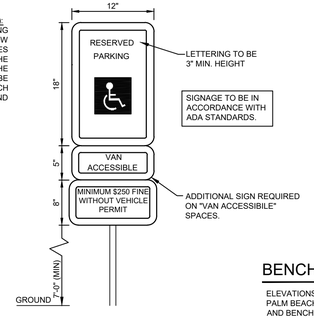
SIGN REGULATION NOTE:
1. ALL PROPOSED SIGNAGE SHALL COMPLY WITH THE APPROVED MASTER SIGN PLAN (MSP) AND ANY SIGN ELEMENT NOT SPECIFICALLY ADDRESSED IN THE APPROVED MSP SHALL COMPLY WITH THE CITY SIGNAGE REQUIREMENTS.

SITE LIGHTING NOTE:
1. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

DEVELOPMENT REGULATIONS NOTE:
1. DIMENSIONS LISTED IN THE DEVELOPMENT REGULATIONS TABLE UNDER 'PROVIDED SEPARATIONS' ARE DISTANCES DEPICTED FROM THE SITE BOUNDARY TO THE NEAREST APPURTENANCE OF THE PROPOSED BUILDING.

STANDARD 90° PARKING STALL STRIPING - SEE DETAIL BELOW (N.T.S.):
1. PER CITY OF GREENACRES 16-335: FOR STANDARD 90° PARKING STALLS, THE WIDTH OF THE STRIPE SHALL BE PAINTED 4" YELLOW (THERMOPLASTIC), THE SEPARATION BETWEEN THE TWO STRIPES SHALL BE 12" AND THE SEPARATION SHALL BE CENTERED ON THE ASSUMED DIVIDING LINE BETWEEN THE PARKING SPACES. THE ENDS OF THE STRIPES AT THE DRIVING AISLE SHALL BE CONNECTED BY A STRAIGHT (I.E. PERPENDICULAR) FOUR-INCH STRIPE. STRIPING IS REQUIRED ADJACENT TO CURBING AND SHALL BE MARKED WITH A SINGLE 4" STRIPE.





ADA SIGN DETAIL
N.T.S.

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T-BEAR, ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

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811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
3	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH

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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal. Signature must be verified on any electronic copies.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

ZONING SITE PLAN

RAISING CANE'S RESTAURANT #1503

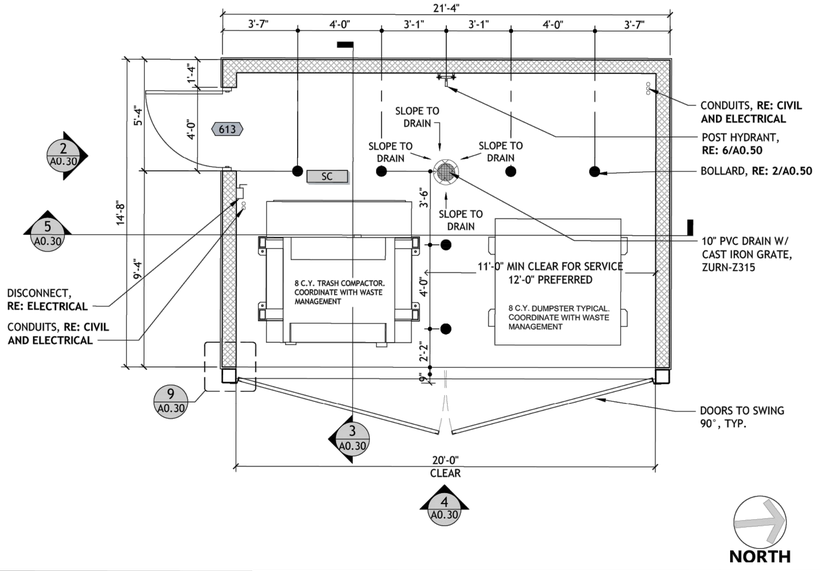
CITY OF GREENACRES FL

SHEET NUMBER SP-1

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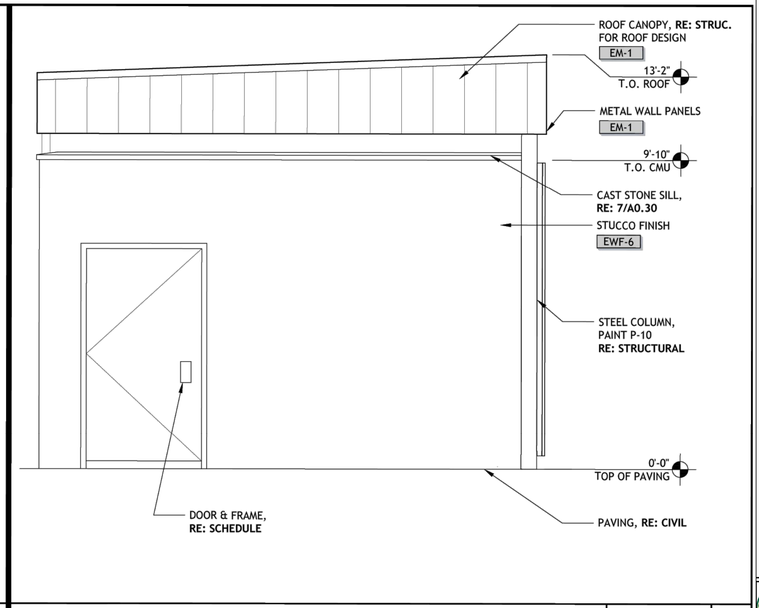
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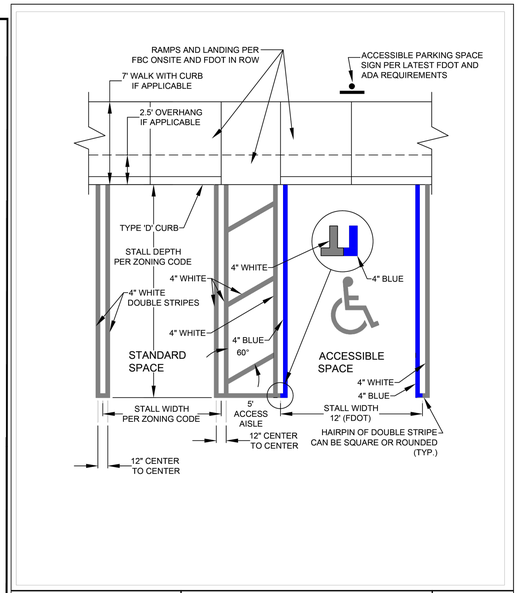
TRASH ENCLOSURE PLAN

1/4" = 1'-0" | 1



TRASH ENCLOSURE SIDE ELEVATION

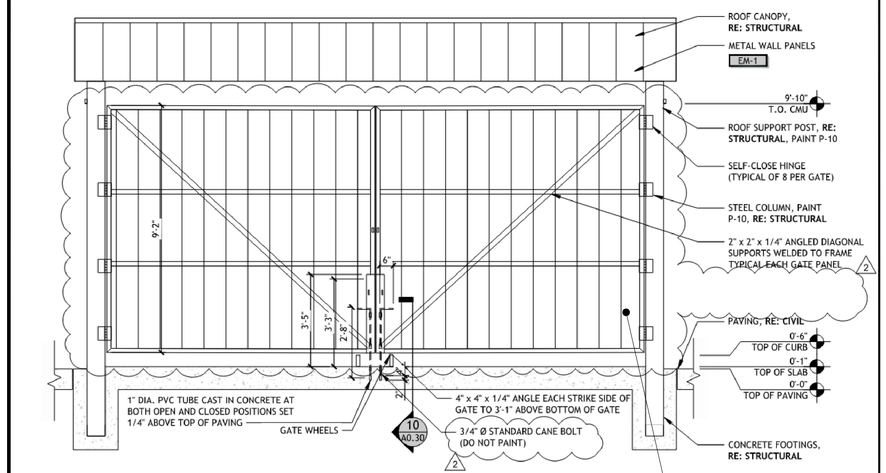
3/8" = 1'-0" | 2



CITY OF GREENACRES PLANNING, GIS, AND ENGINEERING DIVISION 5800 MELALEUCA LANE GREENACRES FL, 33463 561-642-2054

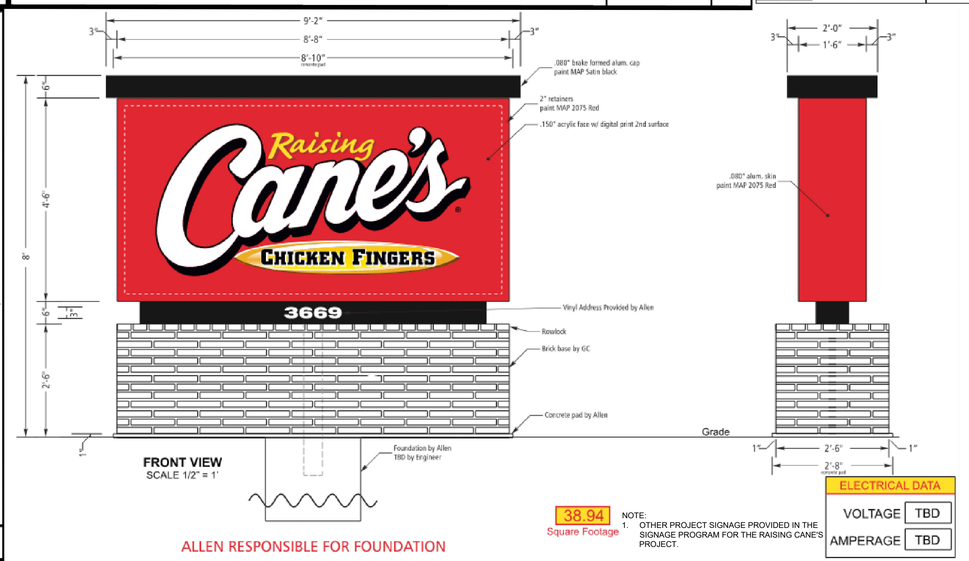
PARKING SPACE PAVEMENT MARKING DETAIL

PM-100 | ISSUED FEB. 2022

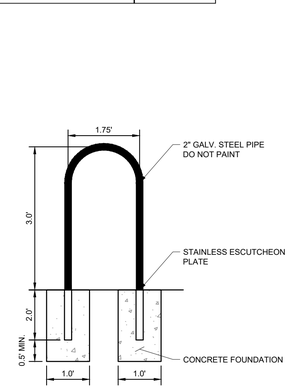


ENCLOSURE GATE ELEVATION

3/8" = 1'-0"



FREESTANDING MONUMENT SIGN DETAIL



INVERTED "U" BICYCLE RACK DETAIL

N.T.S.

PER CITY OF GREENACRES 16-335(21)
REQUIRED AT PALM BEACH COUNTY BUS SHELTERS

DETAILS NOTES:
1. TRASH ENCLOSURE & MONUMENT SIGN DETAILS DEPICTED ABOVE ARE FOR REFERENCE ONLY.
2. TRASH ENCLOSURE & MONUMENT SIGN DETAILS ARE PROVIDED BY OTHERS. PLEASE REFER TO THE ARCHITECTURAL PLANS AND SIGNAGE PLANS FOR DETAILS.

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T-BEAR; ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
2	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

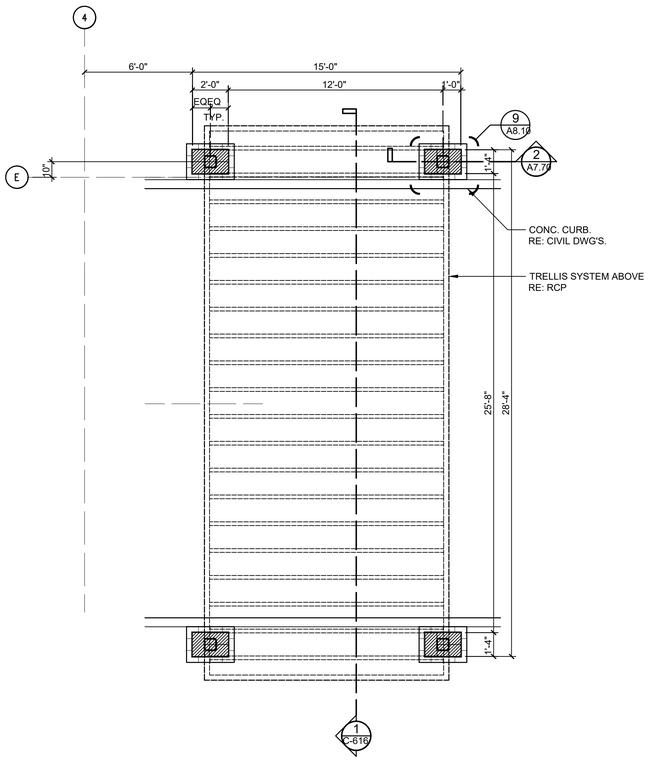
KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

ZONING SITE PLAN DETAILS

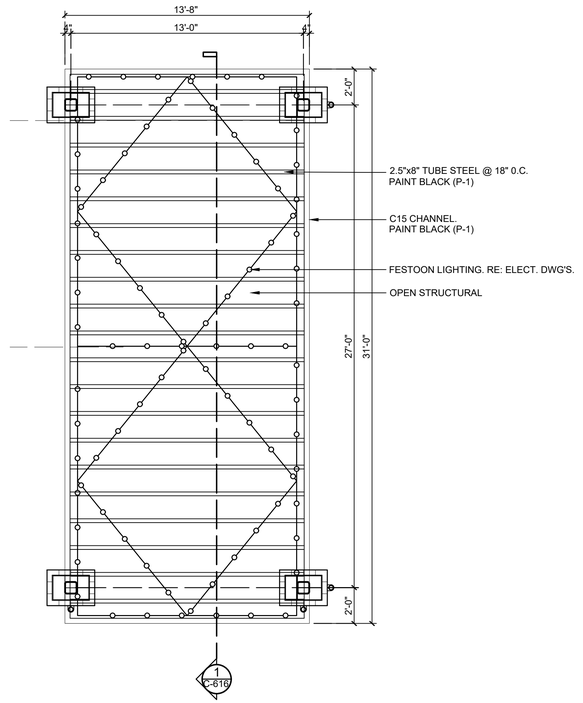
RAISING CANE'S RESTAURANT #1503 FL
CITY OF GREENACRES

SHEET NUMBER
SP-2

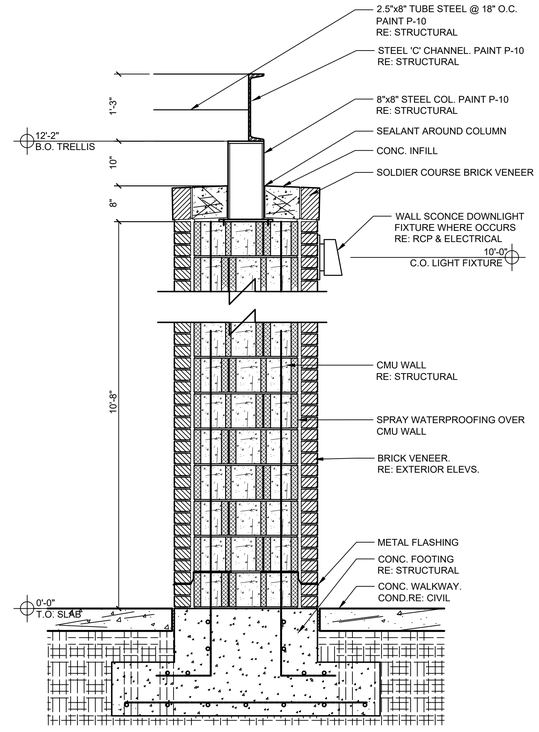
NOT FOR CONSTRUCTION - FOR PERMIT ONLY



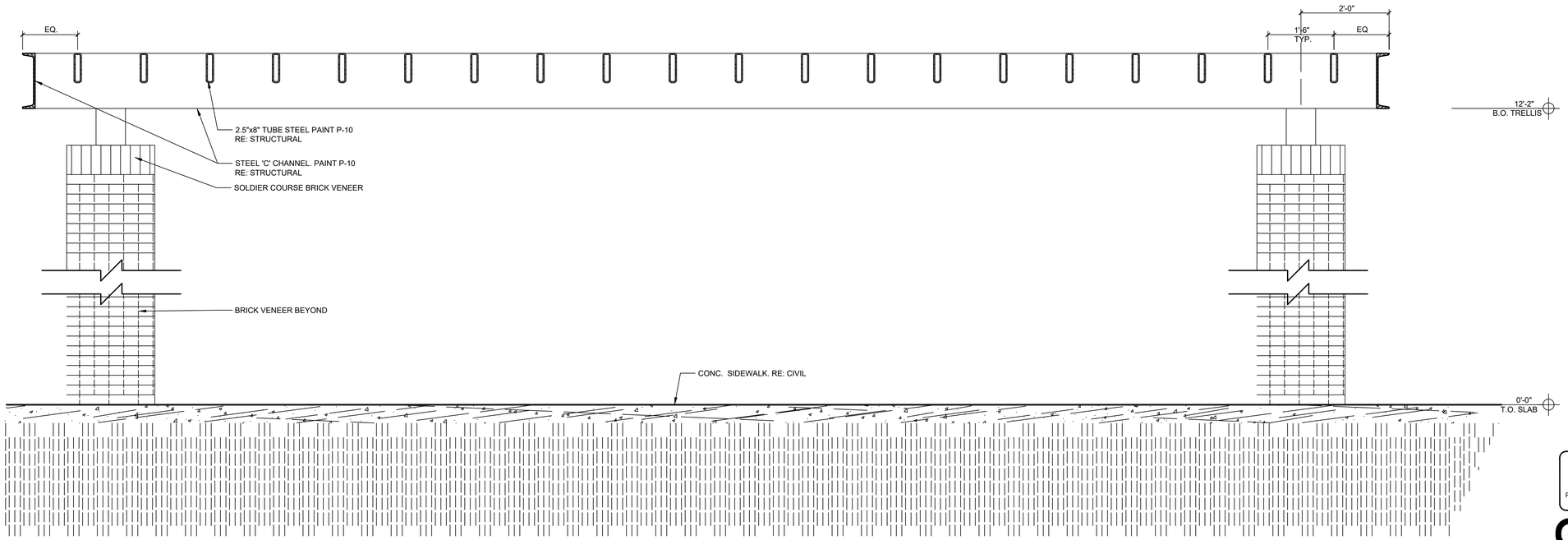
PEDESTRIAN CANOPY PLAN VIEW
N.T.S



PEDESTRIAN CANOPY
REFLECTED CEILING PLAN
N.T.S



WALL SECTION AT TRELLIS
N.T.S



NOTE: STRUCTURAL DETAILS WILL BE PROVIDED VIA A SEPARATE PLAN SET AT BUILDING PERMIT SUBMISSION.

1. WALL SECTION AT TRELLIS
N.T.S

GROUNDWATER / DEWATERING NOTE:
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No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT 14779303
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

ZONING SITE PLAN DETAILS

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
SP-3

Plotted By:Jones, Ranja Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH Layout:SP-3 ZONING SITE PLAN DETAILS May 18, 2026 04:29:49pm K:\FTL_Civil\147\obs\14779303 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\SP - SITE PLAN.dwg
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LANDSCAPE PLANS

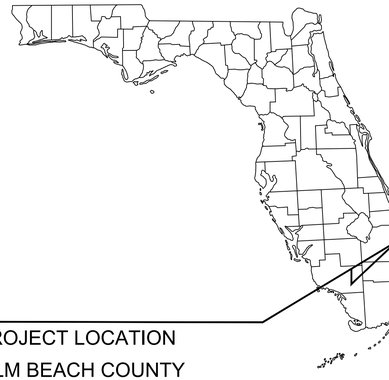
GOVERNMENT/UTILITY CONTACTS

PLANNING & ZONING AUTHORITY CONTACT: GIONNI GALLIER	PLANNING, ENGINEERING, & GIS DIVISION 5800 MELALEUCA LANE GREENACRES, FL 33463 561-642-2046 GGALLIER@GREENACRESFL.GOV
SIGNAGE AUTHORITY CONTACT: MILLIE RIVERA	PLANNING, ENGINEERING, & GIS DIVISION 5800 MELALEUCA LANE GREENACRES, FL 33463 561-790-6182 MRIVERA@GREENACRESFL.GOV
BUILDING DEPARTMENT AUTHORITY CONTACT: JENNIFER BEAMS	BUILDING DIVISION CITY OF GREENACRES 5800 MELALEUCA LANE GREENACRES, FL 33463 561-642-2059 JBEAMS@GREENACRESFL.GOV GROUPBLG@GREENACRESFL.GOV
FIRE AUTHORITY CONTACT: MIGUEL ALEMAN	GREENACRES FIRE RESCUE CITY OF GREENACRES 2995 S. JOG ROAD GREENACRES, FL 33467 561-642-2141 MALEMAN@GREENACRESFL.GOV
HEALTH AUTHORITY CONTACT: DENISE CUNNINGHAM	DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION (DBPR) 2601 BLAIR STONE RD. TALLAHASSEE, FL 32399 850-487-1395 DENISE.CUNNINGHAM@MYFLORIDALLICENSE.COM
TRAFFIC AUTHORITY CONTACT: ROYA EDWARDS	FDOT DISTRICT 4 CONSULTANT 3400 WEST COMMERCIAL BLVD FORT LAUDERDALE, FL 33309-3421 954-777-4363 D4ACCESSMANAGEMENT@DOT.STATE.FL.US
ENGINEERING AUTHORITY CONTACT: MILLIE RIVERA	PLANNING, ENGINEERING, & GIS DIVISION 5800 MELALEUCA LANE GREENACRES, FL 33463 561-790-6182 MRIVERA@GREENACRESFL.GOV
STORM SEWER AUTHORITY CONTACT: CATALINA PABON	SOUTH FLORIDA WATER MANAGEMENT DISTRICT CPABON@SFWMD.GOV PERMITS@SFWMD.GOV
SANITARY SEWER AUTHORITY CONTACT: KATHERINE CARICCHIO	PALM BEACH COUNTY WATER UTILITIES DISTRICT 8100 FOREST HILL BLVD WEST PALM BEACH, FL 33413 KCARICCHIO@PBCWATER.COM
WATER AUTHORITY CONTACT: KATHERINE CARICCHIO	PALM BEACH COUNTY WATER UTILITIES DISTRICT 8100 FOREST HILL BLVD WEST PALM BEACH, FL 33413 KCARICCHIO@PBCWATER.COM
GAS PROVIDER CONTACT: IVAN GIBBS	FLORIDA PUBLIC UTILITIES/CHESAPEAKE UTILITIES CORPORATION 561-723-3459 IGIBBS@CHPK.COM
TELEPHONE AUTHORITY CONTACT: DAMIEN	COMCAST 800-391-3000
ELECTRIC AUTHORITY CONTACT: JULIA ST HILAIRE	FLORIDA POWER AND LIGHT 561-236-4858 JULIA.STHILAIRE@FPL.COM

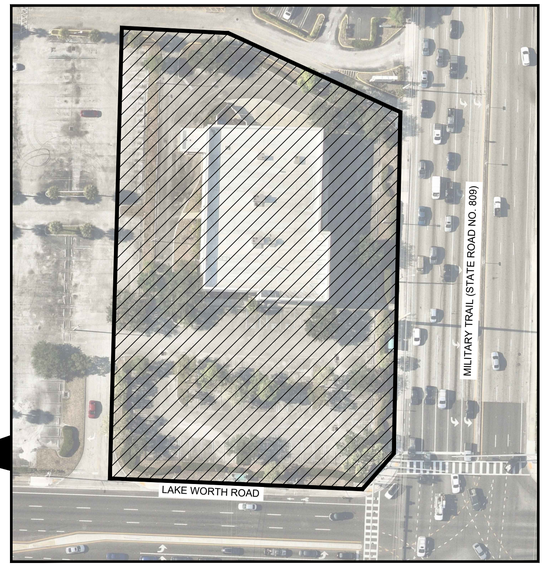
PLANS SUBMITTAL/REVIEW LOG

NO.	DESCRIPTION	DATE	MILESTONE
1	CITY OF GREENACRES - ENTITLEMENTS	9/22/2025	SPECIAL EXCEPTIONS
2	CITY OF GREENACRES - ENTITLEMENTS	9/22/2025	SITE & DEVELOPMENT
3	CITY OF GREENACRES - ENTITLEMENTS	12/05/2025	SPECIAL EXCEPTIONS
4	CITY OF GREENACRES - ENTITLEMENTS	12/05/2025	SITE & DEVELOPMENT
5	CITY OF GREENACRES - ENTITLEMENTS	04/03/2026	SPECIAL EXCEPTIONS
6	CITY OF GREENACRES - ENTITLEMENTS	04/03/2026	SITE & DEVELOPMENT
7	CITY OF GREENACRES - ENTITLEMENTS	05/19/2026	CITY COUNCIL

RESTAURANT # 1503
3969 S MILITARY TRAIL
GREENACRES, FL 33463
SECTION: 24 TWP: 44S RANGE: 42E



PROJECT LOCATION
PALM BEACH COUNTY



SITE LOCATION MAP
(NOT TO SCALE)

PLAN SHEET NOTES:
1. IF REPRODUCED, THE SCALES SHOWN ON THESE PLANS ARE BASED ON A 24" X 36" SHEET.

LEGAL DESCRIPTION:
PARCEL 1:
PARCEL A OF "MIL-LAKE CVS", ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 106, PAGE 1 OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.
SAID LANDS LYING AND BEING IN THE CITY OF GREENACRES, PALM BEACH COUNTY, FLORIDA AND CONTAINING 69,219 SQUARE FEET (1.589 ACRES), MORE OR LESS.
PARCEL 2:
TOGETHER WITH EASEMENT RIGHTS DESCRIBED IN THAT CERTAIN CROSS EASEMENT AGREEMENT BETWEEN WALGREEN CO., AN ILLINOIS CORPORATION, DOING BUSINESS IN THE STATE OF FLORIDA, INTER ALIA, AS WAGS AND DAIRELL J. SNAPP AND ANNA E. SNAPP DOING BUSINESS AS VIDA PROPERTIES, DOING BUSINESS IN THE STATE OF FLORIDA AS MIL/LAKE PLAZA SHOPPING CENTER, DATED JUNE 10, 1981, RECORDED JULY 13, 1981 IN BOOK 3559, PAGE 1353, OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.
PARCEL 3:
TOGETHER WITH EASEMENT RIGHTS DESCRIBED IN THAT CERTAIN RECIPROCAL AGREEMENT BY AND BETWEEN DEL VISO LLC AND CVS 5975 FL LLC RECORDED APRIL 21, 2004 IN BOOK 16839 PAGE 446, OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.

Sheet List Table

Sheet Number	Sheet Title	Rev.
L-000	COVER SHEET	3
L-010	TREE DISPOSITION PLAN	1 2 3
L-100	LANDSCAPE PLAN	1 2 3
L-101	LANDSCAPE PLAN	1 2 3
L-151	LANDSCAPE DETAILS	3
L-152	LANDSCAPE DETAILS	2 3
L-153	LANDSCAPE NOTES	3
L-200	IRRIGATION PLAN	1 2 3
L-250	IRRIGATION DETAILS	3
L-251	IRRIGATION DETAILS	3
L-252	IRRIGATION NOTES	3
L-253	IRRIGATION NOTES	3

LANDSCAPE ARCHITECT

Kimley»Horn

445 24TH ST SUITE 200
VERO BEACH, FL 32960
772-621-2758
CONTACT: KYLER P. DURHAM
KYLER.DURHAM@KIMLEY-HORN.COM

OWNER/DEVELOPER

RAISING CANES RESTAURANT, LLC
6800 BISHOP ROAD
PLANO, TX 75024
(P) 423-807-0008
CONTACT: SARAH HOLMES
SHOLMES13@RAISINGCANES.COM

May 2026

N

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T-BEAR; ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

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811 Know what's below. Call before you dig.
WUD#XX-XXX

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No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY KYLER DURHAM, PLA ON THE DATE ADJACENT TO THE SEAL.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KYLER P. DURHAM LICENSE No. 6667668 STATE OF FLORIDA PROFESSIONAL LANDSCAPE ARCHITECT

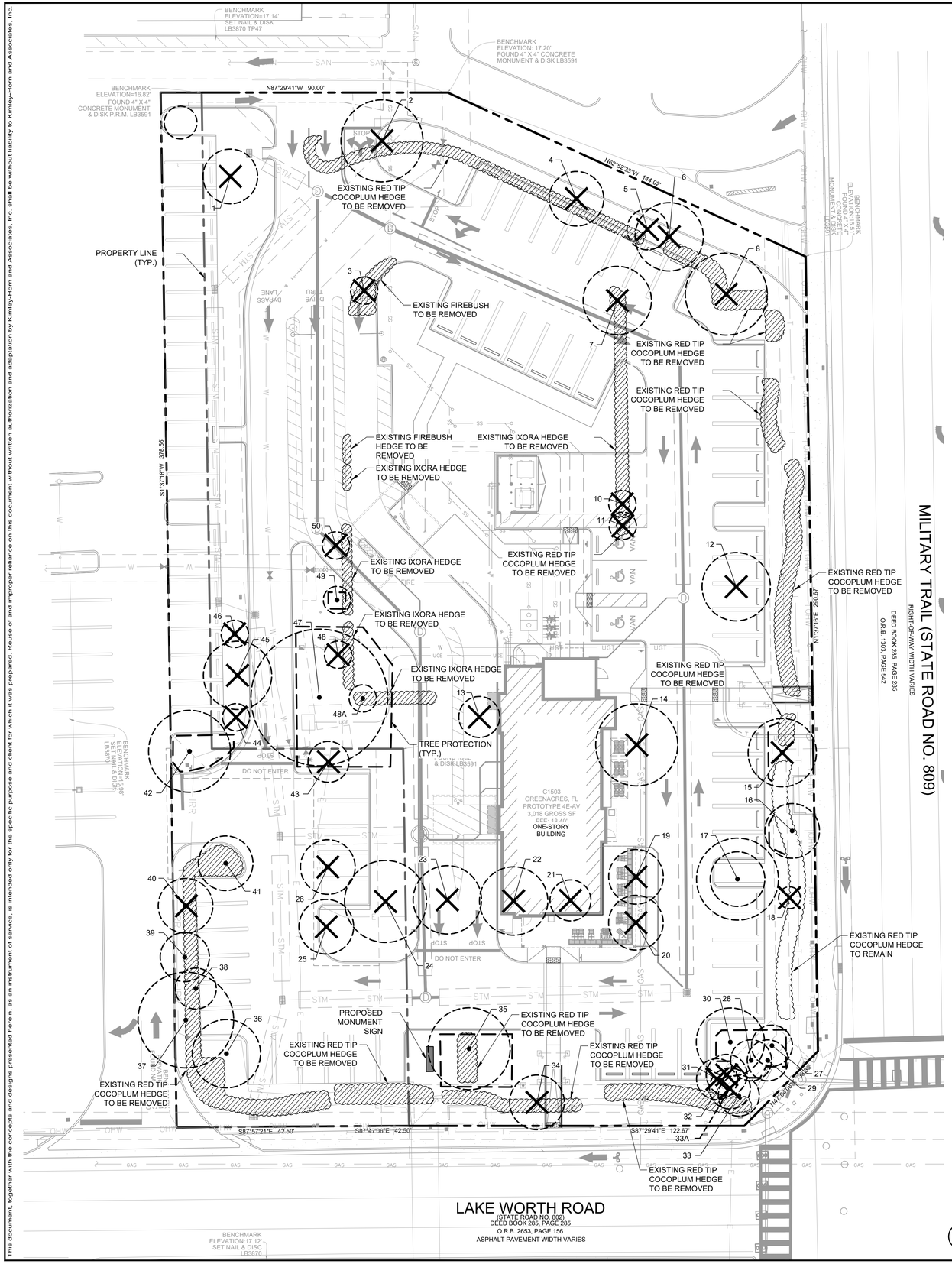
KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY JOC
DRAWN BY JOC
CHECKED BY KPD

COVER SHEET

RAISING CANE'S RESTAURANT #1503
CITY OF GREENACRES FL

SHEET NUMBER L-000

Plotted By:Truong, Brandon Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH Layout:L-000 COVER SHEET May 19, 2026 01:01:39pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\L-00 COVER SHEET.dwg
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TREE DISPOSITION LIST

TREE NO.	COMMON NAME	BOTANICAL NAME	DBH (IN)	HT (FT)	SPRD (FT)	DISPOSITION	CONDITION
1	LAUREL OAK	*QUERCUS LAURIFOLIA*	8	15	20	**REMOVE**	GOOD
2	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	12	25	30	**REMOVE**	FAIR
3	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	4	26	10	**REMOVE**	GOOD
4	LAUREL OAK	*QUERCUS LAURIFOLIA*	10	20	20	**REMOVE**	POOR
5	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	6	22	15	**REMOVE**	POOR
6	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	13	25	25	**REMOVE**	FAIR
7	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	15	25	35	**REMOVE**	FAIR
8	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	14	25	30	**REMOVE**	FAIR
10	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	4	25	10	**REMOVE**	GOOD
11	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	3	22	10	**REMOVE**	GOOD
12	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	12	25	25	**REMOVE**	FAIR
13	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	16	20	15	**REMOVE**	POOR
14	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	14	20	30	**REMOVE**	FAIR
15	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	14	35	25	**REMOVE**	POOR
16	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	9	18	20	REMAIN	FAIR
17	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	9	25	30	**RELOCATE**	FAIR
18	UMBRELLA TREE	*SCHEFFLERA ACTINOPHYLLA*	5	8	8	REMOVE (INVASIVE)	N/A
19	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	15	12	20	**REMOVE**	POOR
20	GREEN BUTTONWOOD	*CONOCARPUS ERECTUS*	9	15	20	**REMOVE**	FAIR
21	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	15	10	15	**REMOVE**	POOR
22	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	17	30	25	**REMOVE**	FAIR
23	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	13	20	25	**REMOVE**	FAIR
24	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	14	25	30	**REMOVE**	FAIR
25	GREEN BUTTONWOOD	*CONOCARPUS ERECTUS*	8	18	20	**REMOVE**	POOR
26	GREEN BUTTONWOOD	*CONOCARPUS ERECTUS*	12	18	20	**REMOVE**	POOR
27	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	12	33	15	REMAIN	FAIR
28	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	10	40	15	REMAIN	GOOD
29	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	10	36	15	REMAIN	GOOD
30	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	12	30	25	REMAIN	FAIR
31	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	14	15	15	**REMOVE**	GOOD
32	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	12	44	15	**REMOVE**	GOOD
33	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	12	46	15	REMAIN	GOOD
33A	GUMBO LIMBO	*BURSERA SIMARUBA*	5	20	15	**REMOVE**	POOR
34	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	26	20	20	**REMOVE**	POOR
35	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	12	25	30	REMAIN	FAIR
36	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	8	25	25	REMAIN	FAIR
37	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	15	25	35	REMAIN	FAIR
38	CABBAGE PALM	*SABAL PALMETTO*	9	26	15	REMAIN	GOOD
39	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	9	18	18	REMAIN	FAIR
40	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	18	25	20	**REMOVE**	POOR
41	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	7	20	20	REMAIN	FAIR
42	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	16	25	30	REMAIN	FAIR
43	CABBAGE PALM	*SABAL PALMETTO*	26	15	15	**REMOVE**	GOOD
44	LAUREL OAK	*QUERCUS LAURIFOLIA*	5	15	10	**REMOVE**	POOR
45	LAUREL OAK	*QUERCUS LAURIFOLIA*	8	18	25	**REMOVE**	FAIR
46	LAUREL OAK	*QUERCUS LAURIFOLIA*	6	8	10	**REMOVE**	POOR
47	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	18	30	50	REMAIN	FAIR
48	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	3	25	10	**REMOVE**	GOOD
48A	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	5	25	10	REMAIN	GOOD
49	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	3	28	10	REMAIN	GOOD
50	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	3	25	10	REMAIN	GOOD

TREE DISPOSITION SUMMARY

TOTAL TREES REMOVED	24
TOTAL INVASIVE TREES REMOVED	1
TOTAL PALMS REMOVED	8
TOTAL TREES TO REMAIN	9
TOTAL PALMS TO REMAIN	8

TREE CONDITON RATING SUMMARY

10% - 40% = POOR CONDITION
41%-69% = FAIR CONDITION
70%-100% = GOOD CONDITION

TREE MITIGATION SUMMARY

TOTAL TREES REMOVED	32
TOTAL TREES PROVIDED	70
TOTAL TREE SURPLUS	38

TREE CREDIT FOR MITIGATION LIST

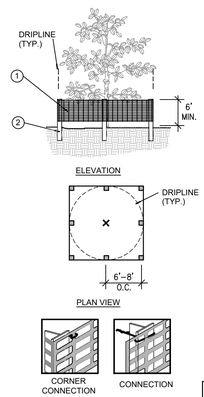
TREE NO.	COMMON NAME	BOTANICAL NAME	DBH (IN)	HT (FT)	SPRD (FT)	DISPOSITION	CONDITION	CREDITS FOR CROWN	CREDITS FOR DBH	TOTAL CREDITS
16	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	9	18	20	REMAIN	FAIR	2	2	**2**
17	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	9	25	30	RELOCATE	FAIR	3	2	**3**
27	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	12	33	15	REMAIN	FAIR	0.3	0.3	**0.33**
28	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	10	40	15	REMAIN	GOOD	0.3	0.3	**0.33**
29	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	10	36	15	REMAIN	GOOD	0.3	0.3	**0.33**
30	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	12	30	25	REMAIN	FAIR	2	2	**2**
33	MEXICAN FAN PALM	*WASHINGTONIA ROBUSTA*	12	46	15	REMAIN	GOOD	N/A	N/A	
35	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	12	25	30	REMAIN	FAIR	3	2	**3**
36	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	8	25	25	REMAIN	FAIR	2	2	**2**
37	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	15	25	35	REMAIN	FAIR	3	3	**3**
38	CABBAGE PALM	*SABAL PALMETTO*	9	26	15	REMAIN	GOOD	N/A	N/A	
39	GOLDEN TRUMPET	*TABEBUIA CHRYSOTRICHA*	9	18	18	REMAIN	FAIR	1	2	**2**
41	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	7	20	20	REMAIN	FAIR	2	1	**2**
42	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	16	25	30	REMAIN	FAIR	3	3	**3**
47	SOUTHERN LIVE OAK	*QUERCUS VIRGINIANA*	18	30	50	REMAIN	FAIR	5	5	**5**
48A	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	5	25	10	REMAIN	GOOD	N/A	N/A	
49	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	3	28	10	REMAIN	GOOD	N/A	N/A	
50	SOLITAIRE PALM	*PTYCHOSPERMA ELEGANS*	3	25	10	REMAIN	GOOD	N/A	N/A	

TEXT CREDITS COUNTING TOWARDS TOTAL

TOTAL TREE CREDITS PER SEC. 16-1271: 28

KEY:

- TREE TO REMAIN
- TREE TO BE REMOVED
- TREE TO BE RELOCATED
- TREE TO BE PROTECTED PER DETAIL ON THIS SHEET



A Tree/Shrub Protector Barrier Detail

1. 6'H "PERIMETER PLUS" CONSTRUCTION FENCE BY CONWED PLASTICS OR OWNER'S REPRESENTATIVE APPROVED EQUAL. SUBMIT PRODUCT INFORMATION FOR APPROVAL PRIOR TO INSTALLATION.
2. 8' TALL METAL "T" POSTS OR 2" x 2" X 8' PRESSURE TREATED WOOD POSTS WITH 24" BURIAL BELOW GRADE.

INSTALLATION NOTES:

A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE. FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR TREATED WOOD POSTS ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.

B. POSTS SHOULD BE DRIVEN INTO THE GROUND TO A DEPTH OF 1/4 OF THE HEIGHT OF THE POST. FOR EXAMPLE, A 8' POST SHOULD BE SET AT LEAST 2' INTO THE GROUND.

C. SPACE POSTS EVERY 6' (MIN.) TO 8' (MAX.).

D. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH FENCE. WIRE MAY DAMAGE FENCE OVER TIME.

NTS

TREE MITIGATION NOTES

1. PAYMENT IN LIEU FOR REMAINING REQUIRED CANOPY TO BE CALCULATED SEPARATELY AND PAID PRIOR TO CERTIFICATE OR OCCUPANCY BEING ISSUED.
2. NO TREE/PALM SHALL BE REMOVED AND/OR RELOCATED WITHOUT A TREE REMOVAL PERMIT FROM THE CITY.

EXISTING TREE - PRUNING NOTES:

1. TREE PRUNING WORK MUST BE PERFORMED BY OR DIRECTLY SUPERVISED BY AN ISA CERTIFIED ARBORIST.
2. CONTRACTOR SHALL HOLD A PRE-PRUNING CONFERENCE WITH THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO COMMENCING PRUNING OPERATIONS.
3. PRUNE TREES PER ANSI A300 FOR THE FOLLOWING:
   - 3.1. MAINTENANCE - TO MAINTAIN OR IMPROVE THE TREE'S HEALTH AND STRUCTURE
   - 3.2. HAZARD REDUCTION - TO REMOVE DEAD LIMBS OR OTHER VISIBLE HAZARDS FROM THE TREE CANOPY
   - 3.3. CROWN CLEANING - TO SELECTIVELY REMOVE DEAD, DYING OR DISEASED BRANCHES, WEAK BRANCHES, AND SUCKER SPROUTS.
   - 3.4. CROWN RAISING - TO REMOVE LOWER BRANCHES TO PROVIDE VERTICAL CLEARANCE
   - 3.5. VISTA PRUNING - TO SELECTIVELY THIN FRAMEWORK LIMBS WITHIN THE CROWN TO ALLOW FOR VIEWS THROUGH THE TREE
   - 3.6. CROWN RESTORATION - TO IMPROVE THE STRUCTURE, FORM, AND APPEARANCE OF A TREE THAT HAS BEEN DAMAGED, HEADED, OR VANDALIZED

ROOT PRUNING

1. THE LANDSCAPE ARCHITECT HAS OBSERVED TREES THAT COULD BE IMPACTED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
2. IF CONSTRUCTION ACTIVITIES OCCUR WITHIN THE DRIPLINE (OR THE HORIZONTAL EXTENT OF THE CANOPY) OF A TREE, THEN THAT TREE IS A CANDIDATE FOR ROOT PRUNING.
3. ROOT PRUNING MUST OCCUR PRIOR TO TRENCHING OPERATIONS TO INSURE THAT THE ROOTS ARE CUT CLEAN AND AT PROPER ANGLES AND NOT MECHANICALLY RIPPED FROM THE EARTH DURING CONSTRUCTION.
4. FOR TREES REQUIRING ROOT PRUNING, A TREE ASSESSMENT SHALL BE CONDUCTED AND A ROOT-PRUNING PLAN SHALL BE DEVELOPED BY A CERTIFIED ARBORIST OR CONSULTING ARBORIST. THIS PLAN SHOULD IDENTIFY:
   - MAXIMUM ALLOWABLE SIZE OF ROOTS TO BE CUT
   - ALLOWABLE PROXIMITY TO THE TRUNK FOR CUTS
   - TIME OF YEAR WHEN ROOT CUTTING IS ALLOWABLE (NOTE: IN FLORIDA, IT IS BEST TO AVOID ROOT PRUNING DURING TIMES OF THE MAY THROUGH SEPTEMBER, WHEN THE POTENTIAL FOR DAMAGING WIND LOADS ON TREES ARE GREATEST.)
   - METHOD FOR MAKING CUTS
   - MITIGATING CANOPY PRUNING
   - TYPE AND EXTENT OF NECESSARY STRUCTURAL SUPPORT
   - SCHEDULE FOR WATERING/FERTILIZATION AFTER PRUNING
5. IMPLEMENT THE ROOT PRUNING PLAN PER THE ARBORIST'S RECOMMENDATION.

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

811 Know what's below. Call before you dig.
WUD#XX-XXX

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH

Kimley»Horn

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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

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KYLER R. DURHAM LICENSE No. 6666768 STATE OF FLORIDA PROFESSIONAL LANDSCAPE ARCHITECT

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

TREE DISPOSITION PLAN

RAISING CANE'S RESTAURANT #1503

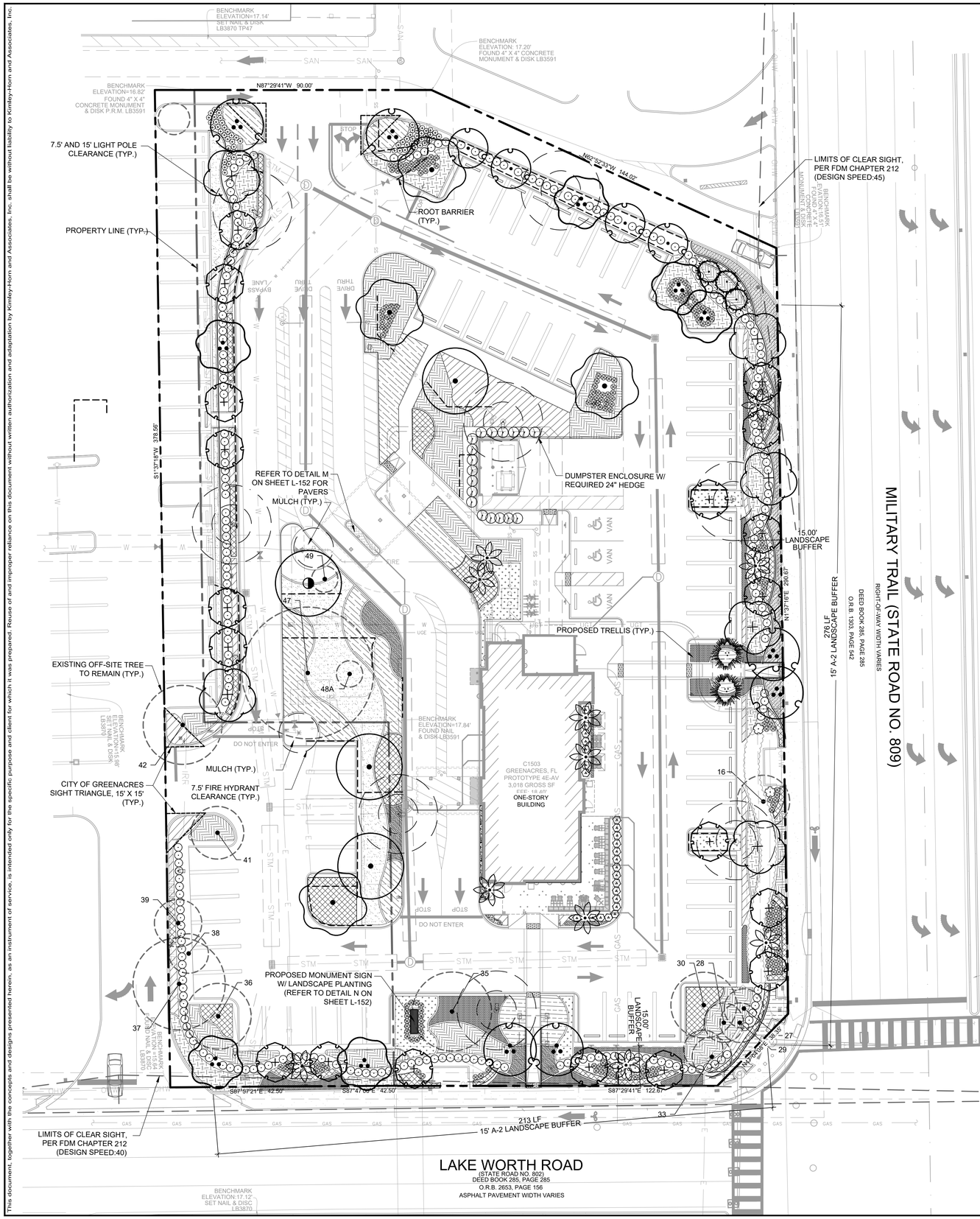
CITY OF GREENACRES FL

SHEET NUMBER
L-010

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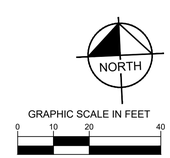
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PLANT SCHEDULE

SYMBOL	CODE	COMMON NAME
TREES		
	CS	SILVER BUTTONWOOD
	IC	DAHOON HOLLY
	QV	SOUTHERN LIVE OAK
	QVR	SOUTHERN LIVE OAK
FLOWERING TREES		
	BA	VERAWOOD
	BS	GUMBO LIMBO
	LM	MUSKOGEE CRAPE MYRTLE
	LN	NATCHEZ CRAPE MYRTLE
PALM TREES		
	SS	CABBAGE PALM
	VM	MONTGOMERY PALM
	VM2	MONTGOMERY PALM
SHRUBS		
	CM	MAMMY CROTON
	CQ	QUEEN EMMA CRINUM LILY
	CR	RED TIP COCO PLUM
	DE	GOLD MOUND DEWDROPS
	LJ	JAPANESE PRIVET
	PM	YEW PODOCARPUS
SHRUB AREAS		
	FC	GREEN ISLAND FICUS
	IN	DWARF YAUPON HOLLY
	JJ	WAX JASMINE
	MU	PINK MUHLY GRASS
	TF	FAKAHATCHEE GRASS
GROUND COVERS		
	AG	PERENNIAL PEANUT
	DV	AFRICAN IRIS
	EB	BLUE DAZE
	GP	INDIAN BLANKET FLOWER
	SA	NARROWLEAF BLUE-EYED GRASS
	SOD	FLORATAM ST. AUGUSTINE GRASS
##		Existing Tree
		15-Foot Light Pole Clearance and Proposed Light Pole
----------		City of Greenacres Site Triangles (15' x 15')



No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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KYLER DURHAM — LICENSE No. 6667668 — STATE OF FLORIDA — PROFESSIONAL LANDSCAPE ARCHITECT — 05/19/2026

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

LANDSCAPE PLAN

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
L-100

NOT FOR CONSTRUCTION - FOR PERMIT ONLY

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NATIVE	DROUGHT TOL.	QTY
TREES									
	CS	CONOCARPUS ERECTUS F. SERICEUS 4' CT MIN	SILVER BUTTONWOOD	B & B	2" CAL.	12` HT X 5` SPR	YES	HIGH	19
	IC	ILEX CASSINE 4' CT MIN	DAHOON HOLLY	B & B	2" CAL.	12` HT X 5` SPR	YES	HIGH	4
	QV	QUERCUS VIRGINIANA * 4' CT MIN	SOUTHERN LIVE OAK	B & B	2" CAL.	12` HT X 5` SPR	YES	HIGH	3
	QVR	QUERCUS VIRGINIANA * RELOCATED	SOUTHERN LIVE OAK	RELOCATED					1
FLOWERING TREES									
	BA	BULNESIA ARBOREA 4' CT MIN	VERAWOOD	B & B	2" CAL.	12` HT X 5` SPR	NO	MEDIUM	6
	BS	BURSERA SIMARUBA 4' CT MIN	GUMBO LIMBO	B & B	2" CAL.	12` HT X 5` SPR	YES	MEDIUM	4
	LM	LAGERSTROEMIA X FAURIEI 'MUSKOGEE' 3" TRUNKS MIN., 3" CAL TOTAL	MUSKOGEE CRAPE MYRTLE	B & B	MULTI	12` HT X 5` SPR	NO	MEDIUM	6
	LN	LAGERSTROEMIA X FAURIEI 'NATCHEZ' 3 TRUNKS MIN., 3" CAL TOTAL	NATCHEZ CRAPE MYRTLE	B & B	MULTI	12` HT X 5` SPR	NO	MEDIUM	6
PALM TREES									
	SS	SABAL PALMETTO SLICK TRUNK, STAGGER HEIGHTS IN GROUPINGS	CABBAGE PALM	F.G.		16` - 22` CT	YES	HIGH	3
	VM	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM	F.G.		16` - 20` CT	NO	HIGH	11
	VM2	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM	F.G.	DOUBLE TRUNK	16` - 20` CT	NO	HIGH	2

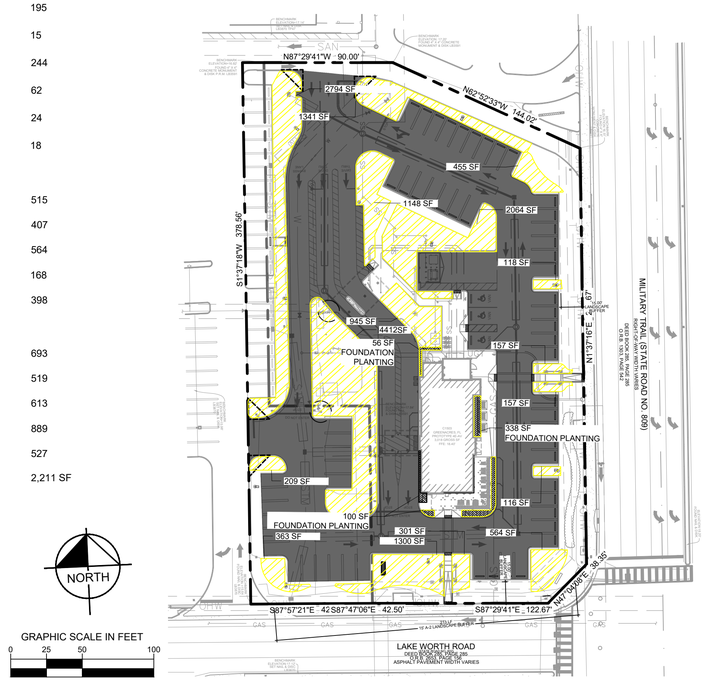
SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	CONT	O.C.	SIZE	NATIVE	DROUGHT TOL.	QTY
SHRUBS									
	CM	CODIAEUM VARIEGATUM 'MAMMY'	MAMMY CROTON	CONT.	24" O.C.	24" HT	NO		195
	CQ	CRINUM AUGUSTUM 'QUEEN EMMA'	QUEEN EMMA CRINUM LILY	CONT.	AS SHOWN	3` HT	NO		15
	CR	CHRYSOBALANUS ICACO 'RED TIP'	RED TIP COCO PLUM	CONT.	36" O.C.	36"X36"	YES		244
	DE	DURANTA ERECTA 'GOLD MOUND'	GOLD MOUND DEWDROPS	CONT.	24" O.C.	18"X18"	YES		62
	LJ	LIGUSTRUM JAPONICUM	JAPANESE PRIVET	CONT.	36" O.C.	24"X24"	NO		24
	PM	PODOCARPUS MACROPHYLLUS	YEW PODOCARPUS	CONT.	48" O.C.	6` HT	NO		18
SHRUB AREAS									
	FC	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FICUS	CONT.	24" O.C.	24" HT	NO		515
	IN	ILEX VOMITORIA 'NANA'	DWARF YAUPON HOLLY	CONT.	24" O.C.	24" HT	YES		407
	JJ	JASMINUM VOLUBILE	WAX JASMINE	CONT.	24" O.C.	18" SPR	NO		564
	MU	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	CONT.	36" O.C.	24" HT	YES		168
	TF	TRIPSACUM DACTYLOIDES	FAKAHATCHEE GRASS	CONT.	36" O.C.	24" HT	YES		398
GROUND COVERS									
	AG	ARACHIS GLABRATA	PERENNIAL PEANUT	CONT.	12" O.C.	8" HT	YES		693
	DV	DIETES VEGETA	AFRICAN IRIS	CONT.	18" O.C.	12" HT	NO		519
	EB	EVOLVULUS GLOMERATUS 'BLUE DAZE'	BLUE DAZE	CONT.	12" O.C.	10"X10"	NO		613
	GP	GAILLARDIA PULCHELLA	INDIAN BLANKET FLOWER	CONT.	12" O.C.	10"X10"	YES		889
	SA	SISYRINCHIUM ANGUSTIFOLIUM	NARROWLEAF BLUE-EYED GRASS	CONT.	12" O.C.	10"X10"	YES		527
	SOD	STENOTAPHRUM SECUNDATUM 'FLORATAM'	FLORATAM ST. AUGUSTINE GRASS	SOD					2,211 SF

* SUBJECT FOR TREE DEDICATION

PLANTING NOTES:

1. CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT.
4. ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT AND/OR OWNERS REPRESENTATIVE BEFORE PLANTING CAN BEGIN.
5. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
6. THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS.
7. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
8. ALL NEW AND TRANSPLANTED PLANT MATERIAL SHALL BE IRRIGATED BY AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM.
9. ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO ANSI 300, AS AMENDED AND WITH THE QUALITY OF PLANT MATERIAL AS REQUIRED BY THE CITY OF GREENACRES.
10. STAKING AND GUYING SHALL COMPLY WITH THE SPECIFICATIONS SET FORTH IN THE TREE PLANTING DOCUMENT ISSUED BY THE ROOTS PLUS FIELD GROWERS ASSOCIATION OF FLORIDA AS AMENDED, ANSI 300 AS AMENDED. (FOR THE STAKING OF NEW TREES/PALMS).

LANDSCAPE REQUIREMENTS		
SITE DATA (PCD BOUNDARY SIZE)	**EXISTING**	**PROPOSED**
LOT AREA	**84,571SF / 1.94 AC**	**84,571SF / 1.94 AC**
PERVIOUS (SF)	**23,988**	**31,539**
IMPERVIOUS (SF)	**60,583**	**53,032**
PLANT MATERIAL REQUIREMENTS (PER PALM BEACH COUNTY CODE ARTICLE 7 - CH.D SEC 1.(A))		
PLANT MATERIAL	**REQUIRED**	**PROVIDED**
ALL PLANTINGS	MIN. 60% OF PLANT MATERIAL IS IDENTIFIED IN WATERWISE FLORIDA LANDSCAPES	20 SPECIES/24 SPECIES = 84% of SPECIES
FLOWERING TREES		4 SPECIES/10 SPECIES = 40% of SPECIES
NATIVE SPECIES	TOTAL TREES: 66	40 NATIVE TREES/66 TREES = 61% NATIVE
	TOTAL SHRUBS : 5,735	3,226 NATIVE SHRUBS/5,735 SHRUBS = 56% NATIVE
CREDIT FOR PRESERVED PLANT MATERIAL (PER PALM BEACH COUNTY CODE ARTICLE 7 - SECTION 16-1271)		
TREE CREDITS	CROWN SPREAD BETWEEN 10'-19' = 1 CREDIT	0 TREES X 1 CREDIT = 0 CREDITS
TREE CREDITS	CROWN SPREAD BETWEEN 20'-29' = 2 CREDITS	5 TREES X 2 CREDITS = 10 CREDITS
TREE CREDITS	CROWN SPREAD BETWEEN 30'-39' = 3 CREDITS	4 TREES X 3 CREDITS = 12 CREDITS
TREE CREDITS	CROWN SPREAD BETWEEN 40'-49' = 4 CREDITS	0 TREES X 4 CREDITS = 0 CREDITS
TREE CREDITS	CROWN SPREAD BETWEEN 50'-59' = 5 CREDITS	1 TREE X 5 CREDITS = 5 CREDITS
TREE CREDITS	PALMS = 0.33 CREDITS (EACH)	1 PALM CLUSTER X 0.33 CREDITS = 1
		TOTAL CREDITS = 28
PERIMETER LANDSCAPE REQUIREMENTS (PER CITY OF GREENACRES CODE ARTICLE 7 - SECTION 16-1286)		
SOUTH BUFFER (MAJOR ROADWAY - TYPE A-2) (213 LF)	**REQUIRED**	**PROVIDED**
WIDTH	15' BUFFER	15' WIDTH
TREES	1 TREE/25 LF = (213 LF/25 LF) = 9 TREES	11 TREES
SHRUBS	24" TALL SHRUBS/HEDGES	PROVIDED
BERM	2' MINIMUM	EXISTING 2' BERM
EAST BUFFER (MAJOR ROADWAY - TYPE A-2) (276 LF)	**REQUIRED**	**PROVIDED**
WIDTH	15' BUFFER	15' WIDTH
TREES	1 TREE/25 LF = (276 LF/25 LF) = 11 TREES	16 TREES
SHRUBS	24" TALL SHRUBS/HEDGES	PROVIDED
BERM	2' MINIMUM	EXISTING 2' BERM
INTERNAL LANDSCAPE REQUIREMENTS (PER CITY OF GREENACRES CODE ARTICLE 7 - SECTION 16-1287)		
INTERNAL LANDSCAPE	**REQUIRED**	**PROVIDED**
VUA LANDSCAPE	VUA (41,260 SF) + HARDSCAPE AREAS (4,476 SF) X 10% = 4,574 SF LANDSCAPE AREA	16,570 SF LANDSCAPE AREA
VUA TREES	1 TREE/100 SF OF REQUIRED LANDSCAPE AREA = 1 TREE X 45.73 = 46 TREES	23 PROPOSED TREES + 28 TREE CREDITS = 51 TREES
ISLAND TREES	1 TREE PER LANDSCAPE ISLAND / 18 LANDSCAPE ISLANDS = 18 TREES	18 TREES
FOUNDATION PLANTING	BETWEEN 4,574 SF X 5% = 228 SF AND 4,574 SF X 10% = 457 SF	494 SF FOUNDATION PLANTING
MIX OF TREE TYPE REQUIREMENTS (PERCITY OF GREENACRES CODE ARTICLE 7 - SECTION 16-1289)		
TREE SPECIES MIX	**REQUIRED**	**PROVIDED**
TREES	1 TREE/2,000 SF = 5 TREE SPECIES	7 TREE SPECIES
PLANTING AROUND SIGNS AND DUMPSTER ENCLOSURES (PER CITY OF GREENACRES CODE ARTICLE 7 - SECTION 16-1290)		
DUMPSTER ENCLOSURE PLANTINGS	24" TALL SHRUBS @ 24" O.C. AROUND DUMPSTER ENCLOSURE	PROVIDED
SIGNAGE PLANTINGS	24" TALL SHRUBS @ 24" O.C. IN PLANTING BED 3' OR GREATER AROUND SIGNAGE	PROVIDED
TREE DEDICATION REQUIREMENTS (PER CITY OF GREENACRES CODE ARTICLE 7 - SECTION 16-1293)		
TREES	1 LIVE OAK (12' HT, 2" CAL, 5 SPD) PER 1000 SF OF BUILDING AREA = 3,018 SF / 1000 SF = 4 LIVE OAKS	1 RELOCATED LIVE OAK + 4 PROPOSED LIVE OAKS = 5 LIVE OAKS PROVIDED
TOTALS	**REQUIRED**	**PROVIDED**
TREES	=109 TREES	**116 TREES**



GRAPHIC SCALE IN FEET

0 25 50 100

VUA LEGEND

VEHICULAR USE AREA: 41,260 SF

INTERIOR LANDSCAPE AREA: 16,570 SF

BUILDING FOUNDATION LANDSCAPE AREA: 494 SF

TREE DEDICATION

1. FOUR (4) TREES SHALL BE PROVIDED AS A REQUIRED TREE DEDICATION IN ACCORDANCE WITH THE ZONING CODE.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

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KYLER DURHAM — LICENSE No. 6667668 — STATE OF FLORIDA — PROFESSIONAL LANDSCAPE ARCHITECT

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

LANDSCAPE PLAN

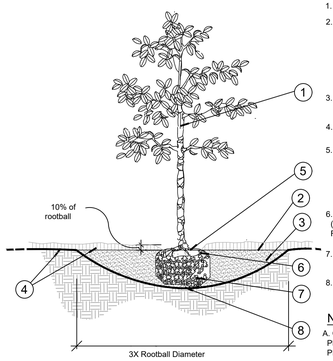
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
L-101

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1. TRUNK
2. 3" MINIMUM OF MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES COVER ROOTBALL SIDES AND EXTEND 18" BEYOND ON ALL SIDES. NO MULCH SHALL BE PLACED OVER TRUNK.
3. SHALLOW/ WIDE PLANT HOLE; TOP SHALL BE 3X THE SIZE OF ROOTBALL.
4. FINISHED GRADE - LANDSCAPE SOIL
5. FIND TOP-MOST ROOT ON ROOTBALL; POSITION ROOTBALL SO THIS TOP ROOT IS 1-2" ABOVE LANDSCAPE SOIL. (APPROX. 10% OF ROOTBALL SHALL BE ABOVE LANDSCAPE SOIL)
6. B & B OR CONTAINER (SEE SPECIFICATIONS FOR ROOT BALL REQUIREMENTS).
7. REMOVE ALL SYNTHETIC MATERIALS FROM ROOTBALL.
8. ROOTBALLS SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT SETTLING.

NOTES:

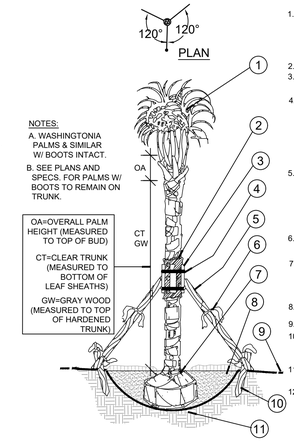
A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

C. SEE PRE-APPROVED STAKING METHODS, THIS SHEET

* ALL TREES SHALL BE PLUMB VERTICALLY WITHIN A TOLERANCE OF THREE DEGREES, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.

A Tree Planting
SECTION NTS



NOTES:

A. WASHINGTONIA PALMS & SIMILAR W/ BOOTS INTACT.

B. SEE PLANS AND SPECS. FOR PALMS W/ BOOTS TO REMAIN ON TRUNK.

OA=OVERALL PALM HEIGHT (MEASURED TO TOP OF BUD)

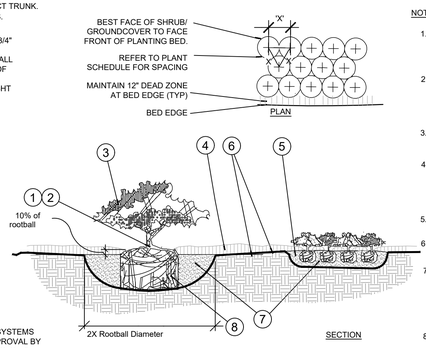
CT=CLEAR TRUNK (MEASURED TO BOTTOM OF LEAF SHEATHS)

GW=GRAY WOOD (MEASURED TO TOP OF HARDENED TRUNK)

1. MINIMUM OF NINE (9) GOOD PALM FRONDS; PRUNE AND TIE FRONDS WITH HEMP TWINE. SABAL PALMS TO BE SELECTIVELY "HURRICANE CUT", LEAVING ONLY NEWLY- EMERGING GROWTH.
2. 5 LAYERS OF BURLAP TO PROTECT TRUNK.
3. FIVE (5) 18"L, 2X4 WOOD BATTENS. UNTREATED, #2
4. SECURE BATTENS WITH TWO (2) 3/4" CARBON STEEL BANDS TO HOLD BATTENS IN PLACE. NO NAILS SHALL BE DRIVEN INTO PALM. HEIGHT OF BATTENS SHALL BE LOCATED PROPORTIONATELY TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING
5. THREE (3) 8'L 2X4 SUPPORTS. NAIL (DRILL AND NAIL IF NECESSARY) TO BATTENS AND 2" X 4" STAKES. PALMS SHALL BE PLUMB VERTICALLY UNLESS OTHERWISE NOTED.
6. PROVIDE FLAGGING AT MIDPOINT AND BASE OF SUPPORTS
7. TOP-MOST ROOT SHALL BE VISIBLE AT THE SURFACE OF THE ROOTBALL, SLIGHTLY ABOVE SURROUNDING GRADE
8. 3" SPECIFIED MULCH
9. FINISH GRADE
10. 24"L (MIN.) 2X4 P.T. WOOD STAKES, NAIL TO SUPPORT POLES
11. PREPARED PLANTING SOIL AS SPECIFIED
12. ALTERNATE PALM ANCHORING SYSTEMS MAY BE SUBSTITUTED UPON APPROVAL BY OWNER OR OWNER'S REPRESENTATIVE

PRE-APPROVED SYSTEMS:
*BROOKS TREE BRACE SYSTEM
*ARBOR TIE TREE BRACING

B Palm Planting and Staking
SECTION NTS

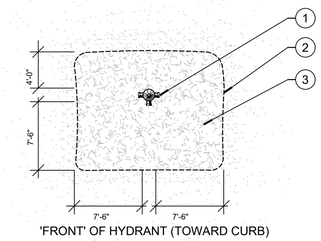


NOTES:

1. FIND POINT WHERE TOPMOST ROOT EMERGES FROM TRUNK WITHIN 2" OF SURFACE. CLEAR EXCESS SOIL IF NECESSARY.
2. TOP 10% OF SHRUB AND GROUNDCOVER ROOTBALLS TO BE PLANTED ABOVE THE LANDSCAPE GRADE. DO NOT COVER EXPOSED 10% ON SIDES WITH SOIL.
3. PRUNE ALL LIKE SHRUBS WITHIN A PLANTED MASS TO ACHIEVE A UNIFORM MASS/HEIGHT.
4. 3" MINIMUM MULCH AS SPECIFIED - DO NOT COVER ENTIRE SHRUB ROOTBALL OR CREATE 'WATER RINGS'. ONLY COVER SIDES OF ROOTBALL WITH MULCH
5. EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
6. FINISHED GRADE (SEE GRADING PLAN).
7. PREPARED PLANTING SOIL AS SPECIFIED. NOTE: WHEN GROUND- COVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
8. SCARIFY ROOTBALL SIDES AND BOTTOM.

* ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.

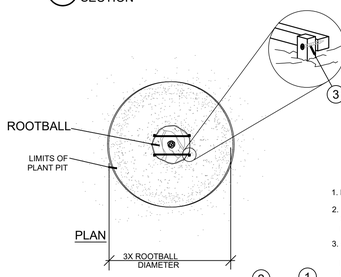
C Shrub / Groundcover Planting
PLAN/SECTION NTS



'FRONT' OF HYDRANT (TOWARD CURB)

1. FIRE HYDRANT
2. NO PLANT MATERIAL SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS. CONTRACTOR SHALL ADJUST PLANT MATERIAL SO THAT NO CONFLICTS WITH FIRE HYDRANTS OCCUR ON SITE.
3. PROVIDE A MULCH, 3" DEPTH MIN., SURROUNDING AREA INDICATED.

D Fire Hydrant Clear Zone
PLAN NTS

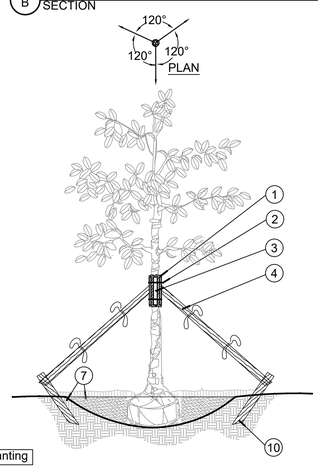


1. FINISH GRADE
2. HORIZONTAL 2X2 SCREWED TO 2X2 STAKE. ALL WOOD SHALL BE #2 UNTREATED.
3. 3-1/2" DRYWALL SCREW, THREAD SIZE 12, SHARP POINT, FULL THREAD, BLACK PHOSPHATE FINISH.
4. VERTICAL STAKES SHALL ABUT SIDE OF ROOTBALL
5. STAKES TO EXTEND INTO NATIVE SOIL BY 1-1/2 X THE ROOTBALL DEPTH MIN.

NOTE:
IF SPATIAL REQUIREMENTS PRECLUDE STAKING WITH THIS METHOD, SUBMIT ALTERNATE FOR LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO INSTALLING PLANT.

* Refer to details B and D for planting

E Staking - up to 65 gal. or B&B to 3-1/2" Cal.
PLAN/SECTION NTS



1. FIVE (5) LAYERS OF BURLAP TO PROTECT TRUNK
2. TWO STEEL BANDS TO SECURE BATTENS
3. FIVE 2 X 4 X 18"L WOOD BATTENS
4. THREE (3) 2" X 8' LODGE POLES. DRILL, USING GALVANIZED SCREWS, TO BATTENS AND 2" X 4" STAKES. NO SCREWS SHALL PENETRATE TREE. FLAG AT MIDPOINT AND AT BASE.
10. 2" x 4" x 3' (MIN), P.T. WOOD STAKES BURIED 3" BELOW FINISHED GRADE.
7. FINISHED GRADE (SEE GRADING PLAN)

NOTES:

A. ALL TREES SHALL BE PLUMB VERTICALLY WITHIN A TOLERANCE OF THREE DEGREES, UNLESS OTHERWISE DIRECTED BY OWNER'S REPRESENTATIVE.

B. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

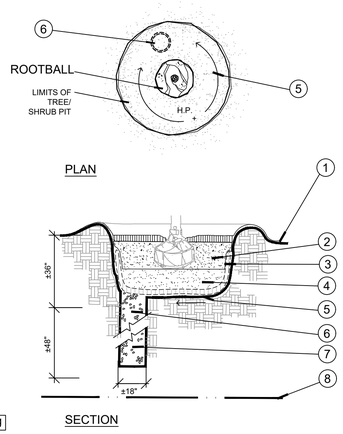
C. ALTERNATE TREE ANCHORING SYSTEMS MAY BE SUBSTITUTED FOR WOOD STAKING SYSTEM UPON APPROVAL BY OWNER OR OWNER'S REPRESENTATIVE

PRE-APPROVED SYSTEMS:
*BROOKS TREE BRACE SYSTEM
*ARBOR TIE TREE BRACING

D. RUBBER HOSE/WIRE SYSTEMS ARE NOT ALLOWED.

* Refer to details B and D for planting

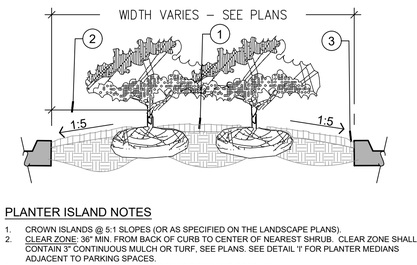
F Large Tree Staking - 100 Gal + or B&B 4" +
SECTION NTS



1. FINISH GRADE
2. BACKFILL WITH PREPARED PLANTING SOIL MIX AS SPECIFIED.
3. FILTER CLOTH, MIRAFI 500X OR BETTER
4. 12" CLEAN SAND, COMPACTED. ADJUST LAYER THICKNESS SO TOP OF ROOTBALL IS AT LEAST 1" ABOVE FINISHED GRADE.
5. SLOPE BOTTOM TO DRAIN
6. ±18"ø AUGURED HOLE PENETRATE THROUGH OCCLUDING LAYER TO WATER TABLE OR TO A DEPTH OF 7' TO ASSURE PROPER PERCOLATION.
7. BACKFILL WITH 1/2" - 3/4" GRAVEL
8. WATER TABLE. (DEPTH VARIES)

NOTE:
FOR A PARKING ISLAND PLANTING SITUATION, CONTRACTOR TO BACKFILL ENTIRE LENGTH OF PLANTING AREA TO WITHIN 6" OF BACK OF CURB OR EDGE OF PAVEMENT. REFER TO NOTE 0.3 OF WRITTEN SPECIFICATIONS FOR ADDITIONAL INFORMATION.

G Poor Drainage Condition
PLAN/SECTION NTS

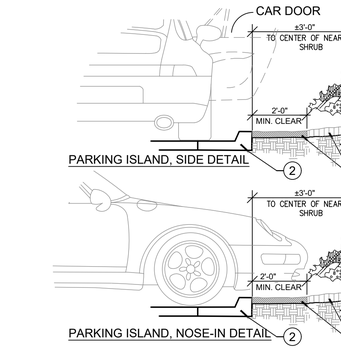


PLANTER ISLAND NOTES

1. CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS).
2. CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR ZONE SHALL CONTAIN 3" CONTINUOUS MULCH OR TURF, SEE PLANS. SEE DETAIL "I" FOR PLANTER MEDIANS ADJACENT TO PARKING SPACES.
3. 1" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.

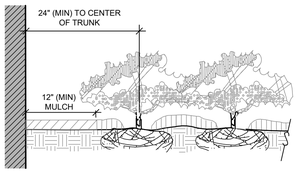
- EXCAVATE CONTINUOUS 36" DEEP (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND & BACKFILL WITH APPROVED PLANTING MIX.
- PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL SUPPORT OF CURB SYSTEM (TYP).
- ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR OR LESS.

H Planted Parking Lot Islands / Medians
SECTION NTS



1. INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 3" DEEP.
   NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE
2. CURB OR PARKING LOT EDGE, BY OTHERS

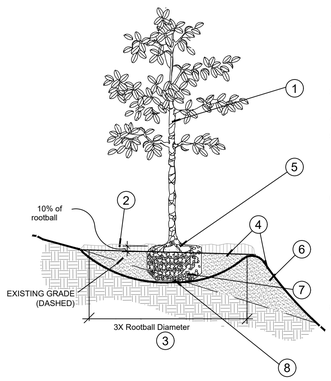
I Parking Space/Curb Planting
SECTION NTS



NOTES

* CLEAR ZONE: 24" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.

J Plantings Adjacent to Buildings
SECTION NTS



1. TREES, PALMS, AND LARGE SHRUBS (15 GAL OR GREATER) SHALL BE PLANTED IN SIMILAR MANNER
2. 3" MINIMUM OF MULCH AS SPECIFIED. WHERE TREES ARE PLACED IN SOD, MULCH RING FOR TREES COVER ROOTBALL SIDES AND EXTEND 18" BEYOND ON ALL SIDES. NO MULCH SHALL BE PLACED OVER TRUNK.
3. SHALLOW/ WIDE PLANT HOLE; TOP SHALL BE 3X THE SIZE OF ROOTBALL.
4. FINISHED GRADE - LANDSCAPE SOIL
5. FIND TOP-MOST ROOT ON ROOTBALL; POSITION ROOTBALL SO THIS TOP ROOT IS 1-2" ABOVE LANDSCAPE SOIL. (APPROX. 10% OF ROOTBALL SHALL BE ABOVE LANDSCAPE SOIL)
6. BERM SOIL SO THAT TOP OF BERM IS JUST BELOW THE TOP 10% OF THE TOP OF THE ROOTBALL. SLOPE DOWNHILL PORTION OF BERM AS REQUIRED TO MEET EXISTING GRADE.
7. B & B OR CONTAINER REMOVE ALL SYNTHETIC MATERIALS FROM ROOTBALL. (SEE SPECIFICATIONS FOR OTHER ROOT BALL REQUIREMENTS)
8. ROOTBALLS SHALL BE PLACED ON UNDISTURBED SOIL TO PREVENT SETTLING.

NOTES:

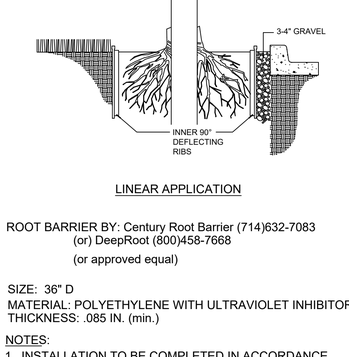
A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

B. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.

C. SEE PRE-APPROVED STAKING METHODS, THIS SHEET

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K Planting on a Slope
SECTION NTS



LINEAR APPLICATION

ROOT BARRIER BY: Century Root Barrier (714)632-7083
(or) DeepRoot (800)458-7668
(or approved equal)

SIZE: 36" D
MATERIAL: POLYETHYLENE WITH ULTRAVIOLET INHIBITORS
THICKNESS: .085 IN. (min.)

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. INSTALL AS REQUIRED, PER PLAN NOTES.
3. SUBMIT PRODUCT DATA FOR APPROVAL.

L Root Barrier
Barrier Detail NTS

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH

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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
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KYLER DURHAM LICENSE No 6667688 STATE OF FLORIDA PROFESSIONAL LANDSCAPE ARCHITECT

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

LANDSCAPE DETAILS

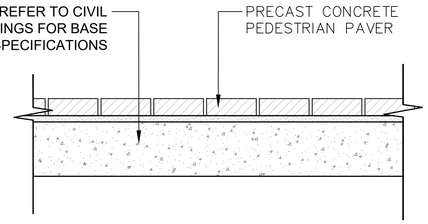
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
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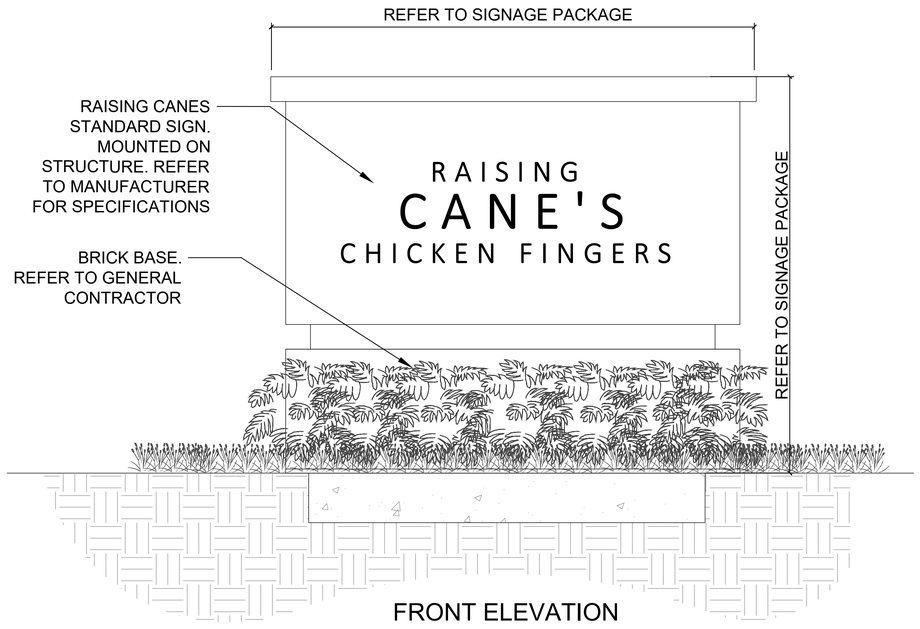
MANUFACTURER: WAUSAU TILE
MODEL: ESTATE
SIZE: 4' X 8' PAVER 3" THICKNESS
CONTACT: TROY DAHLKE (FL SALES REP.)
(813) 334-0016 (MOBILE)
(813) 907-1756 (OFFICE)
TROYD27@VERIZON.NET (EMAIL)

NOTES:

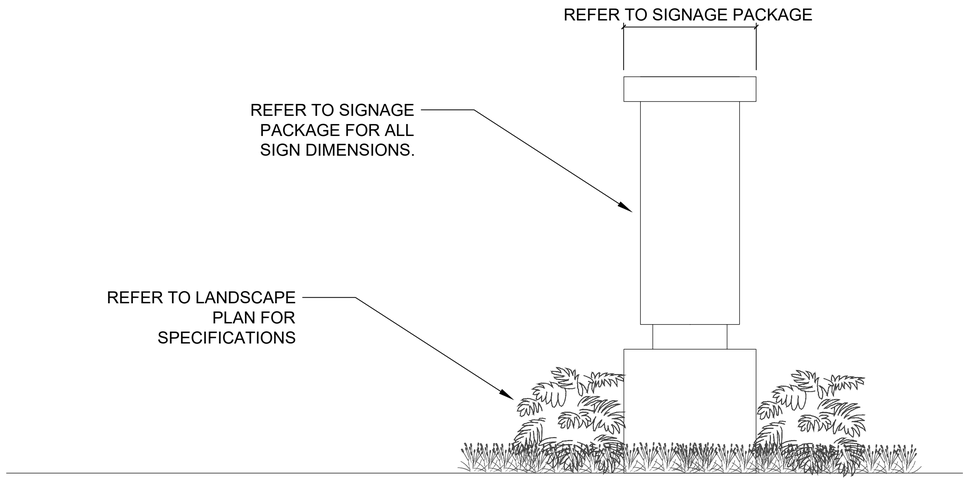
1) REFER TO MANUFACTURER DETAILS AND RECOMMENDATIONS FOR INSTALLATION SPECIFICATIONS.
2) REFER TO CIVIL DRAWINGS FOR DRAINAGE AND GRADING.
3) REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR FINISH FLOOR ELEVATIONS.
4) CONTRACTOR TO HAVE PRE-CONSTRUCTION CONFERENCE WITH ARCHITECT, STRUCTURAL ENGINEER, WATERPROOFING CONSULTANT, MEP AND LANDSCAPE ARCHITECT TO CONFIRM INSTALLATION SPECIFICATIONS AND METHODS FOR SLEEVING, WATERPROOFING, AND DRAINAGE.

M PEDESTRIAN-RATED PAVERS AT GRADE

3/4" = 1'-0" DETAIL-FILE



FRONT ELEVATION



SIDE ELEVATION

N MONUMENT SIGN PLANTING

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

LANDSCAPE DETAILS

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
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GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

ALL EXISTING BUILDINGS, WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS ($100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

D. MATERIALS

1. GENERAL

MATERIALS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL. UPON SUBMITTALS' APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL	SUBMITTAL
MULCH	PRODUCT DATA
TOPSOIL MIX	AMENDMENT MIX/ PRODUCT DATA/ TEST RESULTS
PLANTS	PHOTOGRAPHS OF ONE (1) OF EACH SPECIES (OR TAGGED IN NURSERY)
	CLIENT-REQUESTED TAGGING MAY SUBSTITUTE PHOTOS.
	INDICATE SIZES (HEIGHT/WIDTH) AND QUALITY PER SPEC.
FERTILIZER	PRODUCT DATA
INNOCULANT	PRODUCT DATA
HERBICIDE	PRODUCT DATA
STAKING/GUYING	FOR ALTERNATE TO DETAILS: SEND PRODUCT DATA, DETAIL

2. PLANT MATERIALS

A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE

B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE, AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY; SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

1. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF 20% CLEAN FLORIDA MUCK AND 80% PARTS CLEAN SAND. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.

2. MUCK (OR MUCKY PEAT) FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, AND OF A VERY HIGH ORGANIC CONTENT DERIVED FROM FLORIDA SOURCES; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH.

3. SAND FOR USE IN PREPARING SOIL MIXTURE SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TESTS FOR TOPSOIL AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL BY THE OWNER.

4. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.

5. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

F. WATER

WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

*WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.

*FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. MULCH

MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A MINIMUM DEPTH OF 3 INCHES. CLEAR MULCH FROM EACH PLANT'S CROWN (BASE). TYPE OF MATERIAL: "FLORIMULCH" OR SHREDDED, STERILE EUCALYPTUS MULCH

I. DIGGING AND HANDLING

1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.

2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.

3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS, COMPLYING WITH FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.

4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.

5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB- BASES.

J. CONTAINER GROWN STOCK

1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION, FLORIDA #1 OR BETTER.

2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. PLANT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.

4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL IS OBTAINED FROM THE OWNER OR OWNER'S REPRESENTATIVE.

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

L. NATIVE STOCK

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE

N. FINE GRADING

1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.

3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES.

O. PLANTING PROCEDURES

1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL ONE CALL - 811 - TO LOCATE UTILITIES.

3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

5. GENERAL: COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE , PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.

6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES AND PLANTS.

7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER PERCOLATION. IF POOR PERCOLATION EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.

8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.

9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.

10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACKFILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).

11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.

12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, BASKETS, ETC.,, SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.

13. PRUNING: TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY LICENSED ARBORIST, IN ACCORDANCE WITH ANSI A-300.

14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6". REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" TO ACHEIVE SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.

15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.

16. MULCHING: PROVIDE A THREE INCH (MINIMUM) LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT PLANTED UNDER THIS CONTRACT.

17. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)

P. LAWN SODDING

1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.

2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.

3. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.

4. SODDING

A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.

B. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.

C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED - REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.

5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE:

A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).

B. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER ACCEPTANCE.

S. MAINTENANCE (ALTERNATE BID ITEM)

CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST-PER-MONTH BASIS.

T. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.

U. WARRANTY

1. THE LIFE AND SATISFACTORY CONDITION OF ALL 7 GALLON AND LARGER PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.

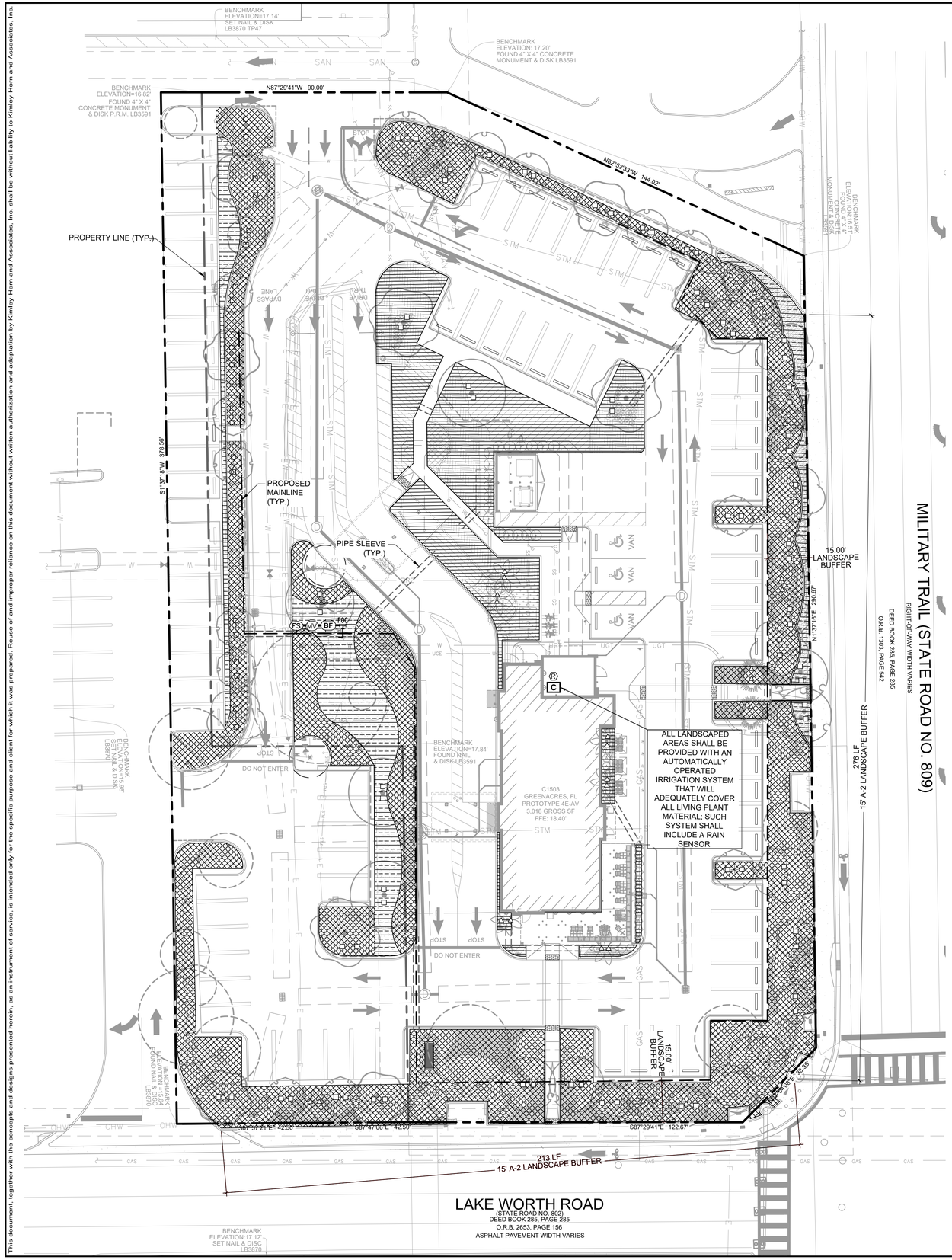
2. THE LIFE AND SATISFACTORY CONDITION OF ALL OTHER PLANT MATERIAL (INCLUDING SOD) INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.

3. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER.

4. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH

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IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION
	HUNTER PROS-06-PRS30-CV TURF SPRAY
	HUNTER PROS-12-PRS30-CV SHRUB SPRAY

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
25 50 10 20	HUNTER PCB FLOOD BUBBLER, 1/2IN. FIPT., ON IPS FLEX HOSE PER DETAIL	128	30

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	HUNTER ICZ-151-XL-40 DRIP CONTROL ZONE KIT. 1-1/2IN. ICV GLOBE VALVE WITH 1IN. HY100 FILTER SYSTEM. PRESSURE REGULATION: 40PSI. FLOW RANGE: 20 GPM TO 60 GPM. 120 MESH STAINLESS STEEL SCREEN. 1-1/2IN. INLET X SINGLE 2IN. OUTLET	1
	PIPE TRANSITION POINT IN DRIP BOX PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6IN. DRIP BOX.	1
F	HUNTER AFV-T AUTOMATIC FLUSH VALVE WITH 1/2IN. MPT CONNECTION. REMOVABLE TOP FOR DIAPHRAGM MAINTENANCE.	1
A	HUNTER PLD-AVR PLD-AVR ALLOWS FOR AIR TO ESCAPE A RESIDENTIAL DRIP IRRIGATION SYSTEM TO PREVENT BLOCKAGE AND WATER HAMMERING. 1/2IN. MPT CONNECTION WITH 80 PSI MAXIMUM RATING.	1
ND	HUNTER ECO-ID ECO-ID: 1/2IN. FPT CONNECTION WITH 12 PSI-70 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.	1
	AREA TO RECEIVE DRIPLINE HUNTER HDL-04-12-CV HDL-04-12-CV: HUNTER DRIPLINE W/ 0.4 GPH EMITTERS AT 12" O.C. CHECK VALVE, DARK BROWN TUBING WITH TAN STRIPING. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. INSTALL WITH HUNTER PLD BARBED OR PLD-LOC FITTINGS.	± 5,157 LF

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	HUNTER ICV-G 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	1
MV	HUNTER ICV-G-FS 1" 1IN., 1-1/2IN., 2IN., AND 3IN. PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH FILTER SENTRY.	1
BF	FEBCO 825YA 1" REDUCED PRESSURE BACKFLOW PREVENTER	1
C	HUNTER HCC-2400-SS 24 STATION OUTDOOR WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN & TWO ICM-800 MODULE. COMMERCIAL USE. STAINLESS STEEL CABINET.	1
R	HUNTER WSS WIRELESS SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE, CONNECTS TO HUNTER PCC, PRO-C, AND I-CORE CONTROLLERS, INSTALL AS NOTED. INCLUDES 10 YEAR LITHIUM BATTERY AND RUBBER MODULE COVER, AND GUTTER MOUNT BRACKET.	1
FS	HUNTER HC-100-FLOW 1IN. FLOW METER FOR USE WITH HYDRAWISE ENABLED CONTROLLER TO MONITOR FLOW AND PROVIDE SYSTEM ALERTS. ALSO FUNCTIONS AS STAND ALONE FLOW TOTALIZER/SUB METER ON ANY RESIDENTIAL OR COMMERCIAL IRRIGATION SYSTEM.	1
POC	POINT OF CONNECTION 1 1/2" 1 1/2" IRRIGATION STUB	1
	IRRIGATION MAINLINE: PVC SCHEDULE 40	± 839.7 LF
	PIPE SLEEVE: PVC SCHEDULE 40	AS NEEDED

Valve Callout
#" — Valve Number
— Valve Flow
#" — Valve Size

PLAN IS DIAGRAMMATIC. CONTRACTOR SHALL INSTALL ALL IRRIGATION EQUIPMENT IN LANDSCAPE OR TURF AREAS WITHIN PROJECT LIMITS.

REFER TO MASTER IRRIGATION SCHEDULE ON SHEET L200 AND DETAILS ON SHEETS L250 and L251

IRRIGATION SYSTEM NOTES

1. CONTRACTOR SHALL REFER TO THE IRRIGATION DETAILS, IRRIGATION SCHEDULE, SPECIFICATIONS AND ALL CONTRACT DOCUMENTS FOR FURTHER AND COMPLETE INSTRUCTIONS.
2. IRRIGATION QUANTITIES ARE PROVIDED FOR CONVENIENCE. IN THE EVENT OF QUANTITY DISCREPANCIES THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BIDDING.
3. ANY SUBSTITUTIONS FOR SPECIFIED IRRIGATION EQUIPMENT MUST BE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE IN WRITING PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL FIELD ADJUST LOCATION OF IRRIGATION EQUIPMENT AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL FIELD ADJUSTMENTS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT.
5. CONTRACTOR SHALL FAMILIARIZE HIM/HERSELF WITH THE LIMITS OF WORK AND EXISTING CONDITIONS AND VERIFY ALL INFORMATION. IF DISCREPANCIES EXIST, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN WRITING WITHIN SEVEN CALENDAR DAYS OF NOTICE TO PROCEED.
6. IRRIGATION PLAN IS DIAGRAMMATIC. EQUIPMENT SHOWN ON IMPERVIOUS SURFACES IS FOR GRAPHIC CLARITY UNLESS OTHERWISE NOTED. CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITHIN LANDSCAPE AREAS IN PROPERTY LIMITS.

THE IRRIGATION SYSTEM IS DESIGNED TO OPERATE WITH A SOURCE PROVIDING 37.5 GPM AT 47.8 PSI.
SPRAY HEAD DESIGN PRESSURE: 30 PSI
BUBBLER DESIGN PRESSURE: 30 PSI

IRRIGATION NOTES

1. THE IRRIGATION CONTRACTOR SHALL SECURE ANY AND ALL NECESSARY PERMITS FOR THE WORK PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON-SITE. COPIES OF THE PERMITS SHALL BE SENT TO THE OWNER/GENERAL CONTRACTOR.
2. WORK IN THE R.O.W. SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF LOCAL AND/OR STATE HIGHWAY JURISDICTION.
3. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER FOR OPERATING PARAMETERS OF THE EXISTING SYSTEM.
4. CONTRACTOR SHALL VERIFY CONTROLLER AND MAINLINE POINT OF CONNECTION AT PROJECT SITE WITH PROPERTY OWNER.
5. COORDINATE WITH PLANTING PLAN FOR PLANTER BED LOCATIONS AND TREE LOCATIONS.
6. ALL WIRING SHALL BE OF DIRECT BURIAL COPPER WIRE
7. IF THE MASTER SYSTEM CANNOT PROVIDE THESE PARAMETERS, CONTRACTOR SHALL MAKE ADJUSTMENTS TO THE DESIGN BY ADDING CONTROL VALVES, MAINLINE, AND LATERALS.
8. CONTRACTOR SHALL SUBMIT DESIGN PROPOSAL AND PROPOSED, COMPATIBLE EQUIPMENT LIST TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION, IN ACCORDANCE WITH THESE PARAMETERS:
   - 8.1. THE SYSTEM WILL PROVIDE 100% COVERAGE FOR ALL PROPOSED LANDSCAPE IMPROVEMENTS.
   - 8.2. ZONES SHALL BE SEPARATED BY WATER NEED AND EQUIPMENT. TURF IRRIGATION SHALL BE SEPARATE FROM SHRUB ZONES, BUBBLERS SEPARATE FROM SPRAYS, SPRAYS SEPARATE FROM ROTORS.
   - 8.3. SET HEADS 3" FROM BACK OF CURB OR 24" IF PAVEMENT HAS NO CURB.
   - 8.4. IF NEW CONTROL VALVES ARE NECESSARY TO ADD EQUIPMENT TO THE EXISTING SYSTEM, LOCATE ALL VALVES A MINIMUM OF 24" FROM BACK OF CURB OR EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE.
   - 8.5. ALL PROPOSED TREES SHALL RECEIVE TWO BUBBLERS EACH.
9. VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF IRRIGATION SYSTEM. ALL UTILITIES AND STRUCTURES MAY NOT BE SHOWN ON THESE PLANS-CONTRACTOR SHALL VERIFY THEIR LOCATION.
10. ALL PRESSURE MAINLINES UNDER ASPHALT PAVEMENT SHALL BE PLACED WITHIN SLEEVES AS NOTED. WHERE ELECTRIC VALVE CONTROL LINES PASS THROUGH A SLEEVE WITH OTHER MAIN OR LATERAL LINES THEY SHALL BE CONTAINED WITHIN A SEPARATE, SMALLER CONDUIT. ALL SLEEVES SHALL BE SIZED TWO PIPE SIZES GREATER THAN PIPE IT CARRIES.
11. CONTRACTOR SHALL PROVIDE "AS-BUILT" DRAWINGS OF THE FINAL INSTALLATION TO OWNER AT SUBSTANTIAL COMPLETION BEFORE RECEIVING FINAL PAYMENT. ALL SLEEVES UTILIZED BY THE IRRIGATION CONTRACTOR, WHETHER INSTALLED BY HIM OR NOT, SHALL BE LOCATED ON THE "AS-BUILT" DRAWINGS. THE DEPTH BELOW FINISH GRADE, TO THE NEAREST FOOT OF EACH END OF EACH SLEEVE SHALL BE NOTED AT EACH SLEEVE LOCATION ON THE "AS-BUILT" DRAWINGS.

CITY OF GREENACRES IRRIGATION NOTE:
ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN AUTOMATICALLY OPERATED IRRIGATION SYSTEM THAT WILL ADEQUATELY COVER ALL LIVING PLANT MATERIAL; SUCH SYSTEM SHALL INCLUDE A RAIN SENSOR.

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GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

NORTH
GRAPHIC SCALE IN FEET
0 10 20 40

811 Know what's below. Call before you dig.
WUD#XX-XXX

CAUTION!!
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No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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KYLER DURHAM LICENSE No. 0066768 STATE OF FLORIDA PROFESSIONAL LANDSCAPE ARCHITECT

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

IRRIGATION PLAN

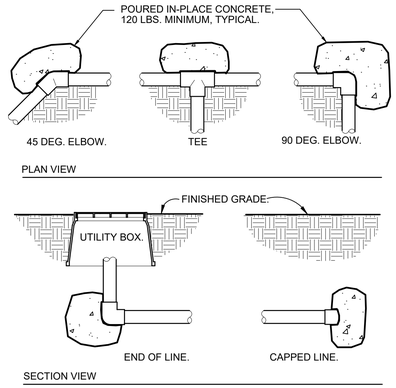
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
L-200

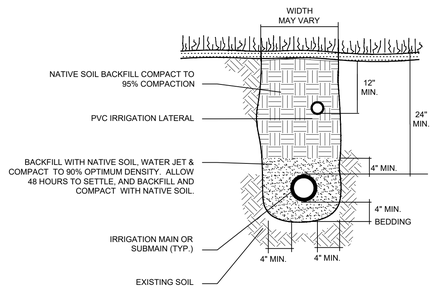
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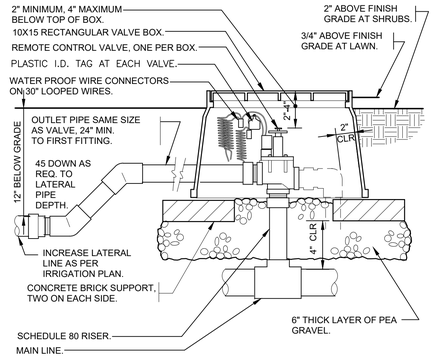
1 THRUST BLOCKING

3/4" = 1'-0" — 32 8409.76-01



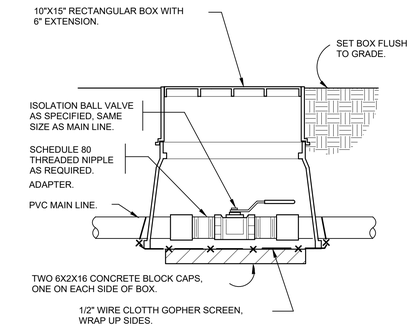
2 TRENCHING DETAIL

NOT TO SCALE — 32 8409.76-03



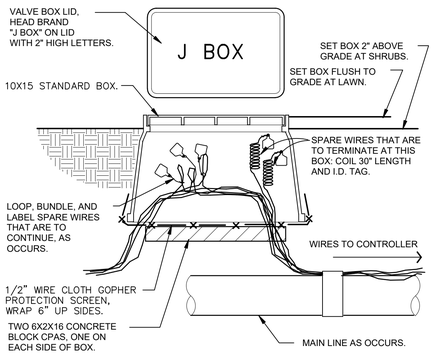
3 ELECTRIC REMOTE CONTROL VALVE

1 1/2" = 1'-0" — 32 8406.13-01



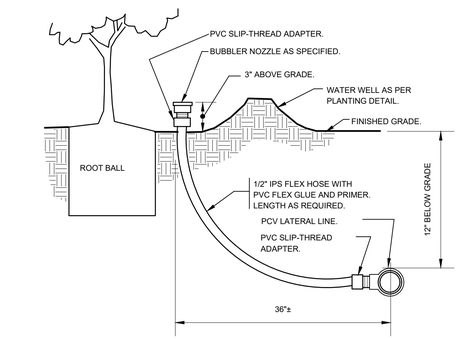
4 BRASS BALL ISOLATION VALVE

1 1/2" = 1'-0" — 32 8406.33-02



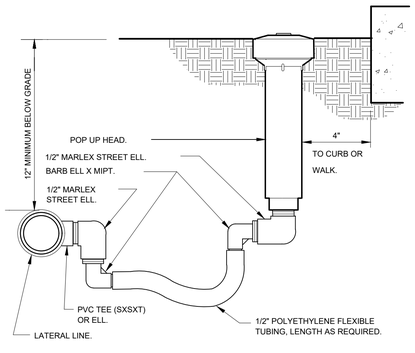
5 WIRE BUNDLE JUNCTION BOX

1 1/2" = 1'-0" — 32 8409.79-01



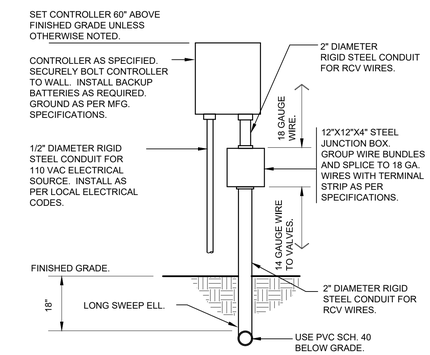
6 BUBBLER ON FLEX HOSE RISER

3" = 1'-0" — DETAIL-FILE



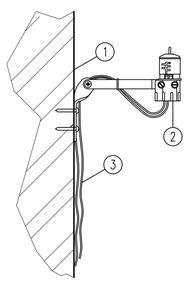
7 POP-UP SPRAY FLEX ASSEMBLY

3" = 1'-0" — 32 8403.13-02



8 WALL MOUNT CONTROLLER

1" = 1'-0" — 328409.13-02

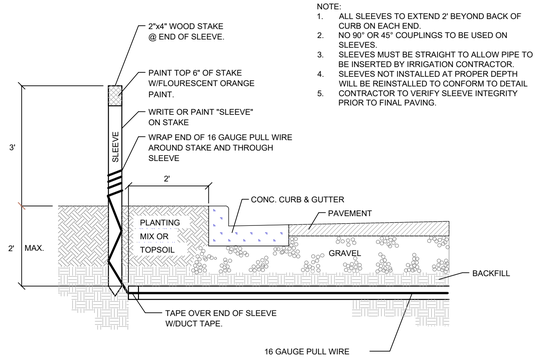


1. EXTERIOR WALL (SEE NOTE)
2. MODEL MINI-CLIK
3. RUN LEAD WIRES TO CONTROLLER

NOTE:
MOUNT SENSOR ON SURFACE WHERE IT WILL BE EXPOSED TO UNOBSTRUCTED RAINFALL, BUT NOT IN PATH OF SPRINKLER SPRAY. COORDINATE MOUNTING WITH OWNER AND ARCHITECT.

9 RAIN SENSOR

3" = 1'-0"



NOTE:
1. ALL SLEEVES TO EXTEND 2' BEYOND BACK OF CURB ON EACH END.
2. NO 90° OR 45° COUPLINGS TO BE USED ON SLEEVES.
3. SLEEVES MUST BE STRAIGHT TO ALLOW PIPE TO BE INSERTED BY IRRIGATION CONTRACTOR.
4. SLEEVES NOT INSTALLED AT PROPER DEPTH WILL BE REINSTALLED TO CONFORM TO DETAIL
5. CONTRACTOR TO VERIFY SLEEVE INTEGRITY PRIOR TO FINAL PAVING.

10 IRRIGATION SLEEVING

NTS

GROUNDWATER / DEWATERING NOTE:

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811 Know what's below. Call before you dig.
WUD#XX-XXX

CAUTION!!
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No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH

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KYLER R. DURHAM — LICENSE No. 6667688 — STATE OF FLORIDA — PROFESSIONAL LANDSCAPE ARCHITECT

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

IRRIGATION DETAILS

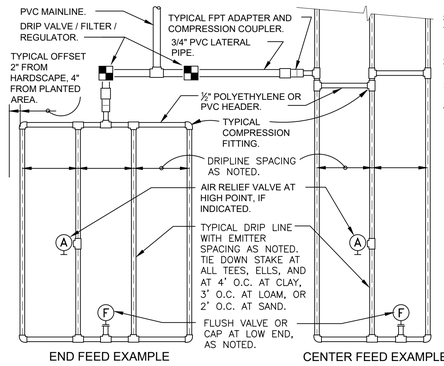
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES — FL

SHEET NUMBER
L-250

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SLOPED CONDITION NOTE:
1. INSTALL AIR RELIEF VALVE AT HIGHEST POINT.
2. SPACING AS NOTED ON TOP ⅔ OF SLOPE.
3. SPACING AT BOTTOM ⅓ AS NOTED PLUS 25%.
4. WHEN ELEVATION CHANGE IS 10 FT OR MORE, ZONE BOTTOM ⅓ SEPARATELY.

MAXIMUM LATERAL LENGTH (FEET)

	EMITTER FLOW RATE GPH					
	12" SPACING		18" SPACING		24" SPACING	
PSI	0.6	0.9	0.6	0.9	0.6	0.9
10	125	96	175	135	218	171
20	249	191	350	171	442	340
30	307	236	434	333	550	422
40	350	268	495	380	627	171
50	125	96	175	135	218	171
60	125	96	175	135	218	171

GRID PRECIPITATION RATES (IN/HR)

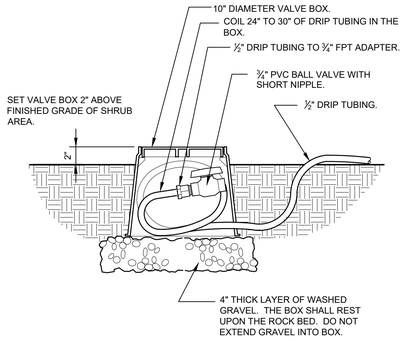
EMITTER SPACING	LATERAL SPACING	EMITTER FLOW RATE 0.6	0.9
12	12	0.96	1.44
18	18	0.69	1.03
24	24	0.28	0.41

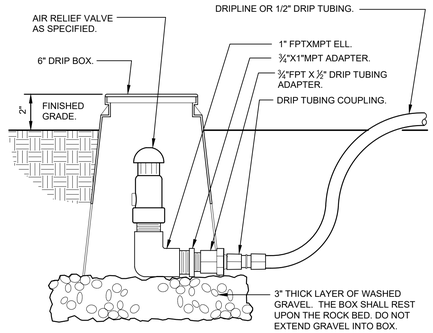
LATERAL FLOW PER 100 FT (GPM)

EMITTER FLOW	12" SPACING	18" SPACING	24" SPACING
0.6 GPH	1.0 GPM	0.67 GPM	0.50 GPM
0.9 GPH	1.5 GPM	1.0 GPM	0.75 GPM

MAXIMUM FLOW PER ZONE

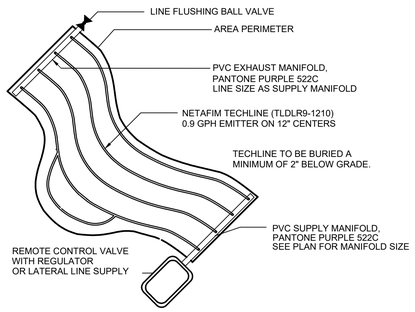
MAX GPM	PSI LOSS
SCHEDULE 40 PVC HEADER SIZE	
1/2" 4.7 GPM	7.7 PSI
3/4" 8.3 GPM	5.6 PSI
1" 13.5 GPM	4.2 PSI
1-1/2" 33.9 GPM	2.9 PSI
2" 52.4 GPM	1.9 PSI
POLY PIPE HEADER SIZE	
1/2" 4.7 GPM	8.8 PSI
3/4" 8.3 GPM	6.3 PSI
1" 13.5 GPM	4.8 PSI
1-1/2" 31.8 GPM	2.9 PSI
2" 52.4 GPM	2.2 PSI





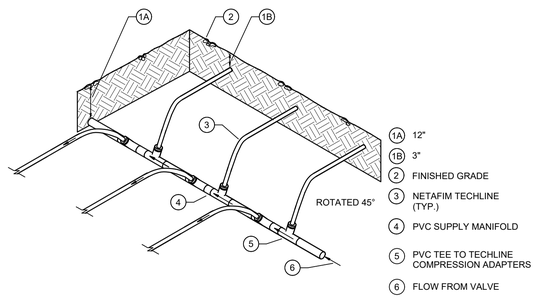
1 TYPICAL DRIPLINE LAYOUT REQUIREMENTS

3" = 1'-0" — 32 8413.56-06



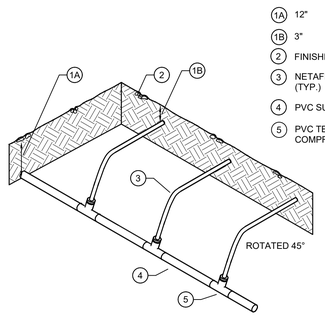
2 DRIP FLUSH VALVE

1 1/2" = 1'-0" — 32 8413.49-03



1A 12"
1B 3"
2 FINISHED GRADE
3 NETAFIM TECHLINE (TYP.)
4 PVC SUPPLY MANIFOLD
5 PVC TEE TO TECHLINE COMPRESSION ADAPTERS
6 FLOW FROM VALVE

CENTER FEED SUPPLY MANIFOLD

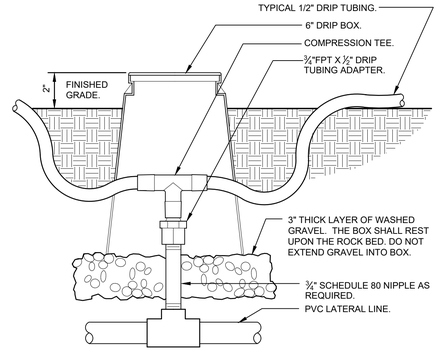


1A 12"
1B 3"
2 FINISHED GRADE
3 NETAFIM TECHLINE (TYP.)
4 PVC SUPPLY/EXHAUST MANIFOLD
5 PVC TEE TO TECHLINE COMPRESSION ADAPTERS

SUPPLY/EXHAUST MANIFOLD

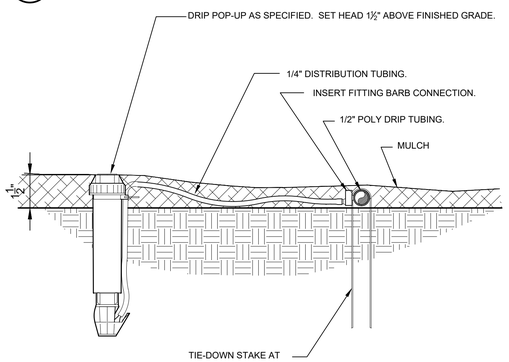
3 DRIP AIR RELIEF VALVE IN BOX

3" = 1'-0" — 32 8413.53-03



4 IRREGULAR AREAS

NOT TO SCALE



5 LATERAL TO DRIP FEED DETAILS

NOT TO SCALE

DRIP ZONE CONTROL VALVE NOTES

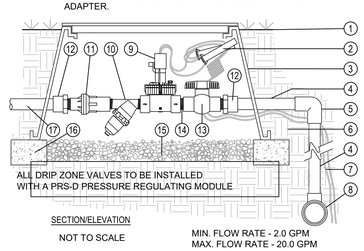
1. ALL CONTROL VALVES FOR DRIP ZONES SHALL BE INSTALLED WITH AN AUTOMATIC FLUSHING FILTER KIT BY RAINBIRD

   1" ZONES: XCZ-100-PRB-COM 1-1/2" ZONES: XCZ-150-COM

2. STAINLESS STEEL SCREENS FOR FILTERS BY RAINBIRD:

   SC100-150-SS

3. NOTE: AUTOMATIC FILTER KITS ARE EACH COMPRISED OF Y-FILTER, REMOTE CONTROL VALVE (PESB) WITH PRESSURE REGULATING MODULE PRS-D, UNION, ELLS, AND MALE ADAPTER.



SECTION/ELEVATION

NOT TO SCALE

MIN. FLOW RATE - 2.0 GPM
MAX. FLOW RATE - 20.0 GPM

LEGEND

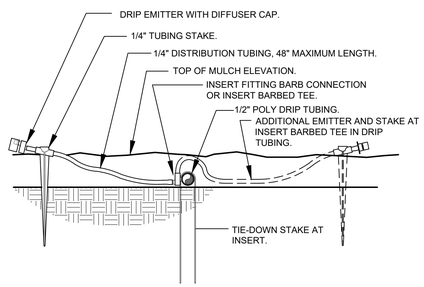
1. FINISH GRADE.
2. CONTROL WIRES WITH 36" SERVICE COIL AND WATER PROOF WIRE CONNECTIONS, DBY OR EQUAL.
3. RECTANGULAR PLASTIC VALVE BOX. HEATBRAND STATION NUMBER ON LID IN 2" HIGH CHARACTERS.
4. PVC MAINLINE PER SPECIFICATIONS (LENGTH AS REQUIRED).
5. SCH 40 PVC ELL (SXS).
6. NATIVE SOIL PER SPECIFICATIONS.
7. CONTROL WIRES TO CONTROLLER.
8. PVC MAINLINE FITTING.
9. TORO INLINE VALVE (*).
10. TORO 150 MESH Y-FILTER (*).
11. TORO 25 PSI LOW FLOW PRESSURE REGULATOR (*).
12. SCH 40 PVC MALE ADAPTER.
13. SCH 40 PVC BALL VALVE (*).
14. SCH 80 PVC CLOSE NIPPLE (*).
15. PEA GRAVEL SUMP, MINIMUM 6" DEEP.
16 BRICK SUPPORTS (4 COMMON BRICKS REQUIRED).
17. LATERAL LINE TO DRIP SYSTEM.

(*) PARTS IN DRIP ZONE KIT.

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

6 ZONE CONTROL

3" = 1'-0" — 32 8413.46-03



GROUNDWATER / DEWATERING NOTE:
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7 DRIP ZONE INDICATOR

NOT TO SCALE

8 DRIP ZONE CONTROL VALVE WITH FILTER KIT

9 DRIP EMITTER AT 1/4" TUBING

3" = 1'-0"

811 Know what's below. Call before you dig.
WUD#XX-XXX

CAUTION!!
32 8413.13-13
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH

Kimley»Horn

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WWW.KIMLEY-HORN.COM REGISTRY No. 35106

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY KYLER DURHAM, PLA ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KYLER R. DURHAM — LICENSE No. 0066768 — STATE OF FLORIDA — PROFESSIONAL LANDSCAPE ARCHITECT

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY JOC
DRAWN BY JOC
CHECKED BY KPD

IRRIGATION DETAILS

RAISING CANE'S RESTAURANT #1503
CITY OF GREENACRES FL

SHEET NUMBER L-251

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UNDERGROUND IRRIGATION SYSTEM

PART I: GENERAL
1.01 SCOPE

A. The work covered by this specification shall include the furnishing of all labor, materials, tools and equipment necessary to perform and complete the installation of an automatic irrigation system as specified herein and as shown on the drawings and any incidental work not shown or specified which can reasonably be determined to be part of the work and necessary to provide a complete and functional system.

B. The work covered by this specification also includes all permits, federal, state and local taxes and all other costs, both foreseeable and unforeseeable at the time of construction.

C. No deviation from these specifications, the accompanying drawings, or agreement is authorized or shall be made without prior written authorization signed by the Owner or his duly appointed representative.

1.02 QUALITY ASSURANCE

A. Installer Qualifications: A firm specializing in irrigation work with not less than five (5) years of experience in installing irrigation systems similar to those required for this project.

B. Coordination: Coordinate and cooperate with other contractors to enable the work to proceed as rapidly and efficiently as possible.

C. Inspection of Site: The Contractor shall acquaint himself with all site conditions, including underground utilities before construction is to begin. Contractor shall coordinate placement of underground materials with contractors previously working underground in the vicinity or those scheduled to do underground work in the vicinity. Contractor is responsible for minor adjustments in the layout of the work to accommodate existing facilities.

D. Protection of Existing Plants and Site Conditions: The Contractor shall take necessary precautions to protect site conditions to remain. Should damages be incurred, this Contractor shall repair the damage to its original condition at his own expense. Any disruption, destruction, or disturbance of any existing plant, tree, shrub, or turf, or any structure shall be completely restored to the satisfaction of the Owner and his representatives, solely at the Contractor's expense.

E. Protection of Work and Property: The Contractor shall be liable for and shall take the following actions as required with regard to damage to any of the Owner's property.

1. Any existing building, equipment, piping, pipe coverings, electrical systems, sewers, sidewalks, roads, grounds, landscaping or structure of any kind (including without limitation, damage from leaks in the piping system being installed or having been installed by Contractor) damaged by the Contractor, or by his agents, employees, or subcontractors, during the course of his work, whether through negligence or otherwise, shall be replaced or repaired by Contractor at his own expense in a manner satisfactory to Owner, which repair or replacement shall be a condition precedent to Owner's obligation to make final payment under the Contract.

2. Contractor shall also be responsible for damage to any work covered by these specifications before final acceptance of the work. He shall securely cover all openings into the systems and cover all apparatus, equipment and appliances, both before and after being set in place to prevent obstructions on the pipes and the breakage, misuse or disfigurement of the apparatus, equipment or appliance.

3. All trenching or other work under the leaf canopy of any and all trees shall be done by hand or by other methods so that no branches are damaged in any way.

   Buildings, walks, walls, and other property shall be protected from damage. Open ditches left exposed shall be flagged and barricaded by the Contractor by approved means. The Contractor shall restore disturbed areas to their original condition.

4. The Contractor shall be responsible for requesting the proper utility company to stake the exact location of any underground lines including but not limited to electric, gas, telephone service, water, and cable.

   The Contractor shall take whatever precautions are necessary to protect these underground lines from damage. In the event damage does occur, all damage shall be completely repaired to its original condition, at no additional cost to the Owner.

5. The Contractor shall request the Owner, in writing, to locate any private utilities (i.e., electrical service to outside lighting) before proceeding with any excavation. If, after such requests and necessary staking, private utilities which were not staked are encountered and damaged by the Contractor, they shall be repaired by the Owner at no cost to the Contractor. If the Contractor damages staked or located utilities, they shall be repaired at the Contractor's expense.

F. Codes and Inspections: The entire installation shall comply fully with all local and state laws and ordinances and with all established codes arrange for all necessary inspections and shall pay all fees and expenses in connection with same, as part of the work under this Contract. Upon completion of the work, he shall furnish to the "Owner" all inspection certificates customarily issued in connection with the class of work involved.

G. The Contractor shall keep on his work, during its progress, a competent superintendent and any necessary assistants, all satisfactory to the Owner, or Owner's representative.

H. The superintendent shall represent the Contractor in his absence and all directions given to him shall be as binding as if given to the Contractor.

I. The Owner's Landscape Architect or designated individual shall have full authority to approve or reject work performed by the Contractor. The Owner's Authorized Representative shall also have full authority to make field changes that are deemed necessary.

J. Final Acceptance: Final acceptance of the work may be obtained from the Owner upon the satisfactory completion of all work. Acceptance by the Landscape Architect and/or Owner in no way removes the Contractor of his responsibility to make further repairs, corrections and adjustments to eliminate any deficiencies which may later be discovered.

K. Guarantee: All work shall be guaranteed for one year from date of final acceptance against all defects in material, equipment and workmanship to the satisfaction of the Owner. Repairs, if required, shall be done promptly at no cost to the Owner.

1. The guarantee shall also cover repair of damage to any part of the premises resulting from leaks or workmanship, to the satisfaction of the Owner. The Contractor shall not be responsible for work damaged by others. Repairs, if required, shall be done promptly. The guarantee shall state the name of the Owner, provide full guarantee terms, effective and termination date, name and license number of Contractor providing guarantee, address, and telephone number. It shall be signed by the chief executive of the Contractor of his liability under the guarantee. Such warranties shall only supplement the guarantee.

2. If, within ten (10) days after mailing of written notice by the Owner to the Contractor requesting repairs or replacement resulting from a breach of warranty, the Contractor shall neglect to make or undertake with due diligence to make the same, the Owner may make such repairs at the Contractor's expense; provided, however, that in the case of emergency where, in the judgment of the Owner, delay would cause serious loss or damage, repairs or replacement may be made without notice being sent to the Contractor, and Contractor shall pay the cost thereof.

L. The Contractor shall provide full, 100% irrigation coverage in all areas designed with proposed plantings, in accordance with the site's governing permitting requirements and as designed.

M. On-site Observation: At any time during the installation of the irrigation system by the Contractor, the Owner or Landscape Architect may visit the site to observe work underway. Upon request, the Contractor shall be required to uncover specified work as directed by the Owner or material, workmanship or method of installation not meet the standards specified herein, the Contractor shall replace the work at his own expense.

N. Workmanship: All work shall be installed by qualified, skilled personnel, proficient in the trades required, in a neat, orderly, and responsible manner with recognized standards of workmanship. The Contractor shall have had considerable experience and demonstrated ability in the installation of sprinkler irrigation systems of this type.

1.04 SUBMITTALS

All materials shall be those specified and/or approved by the Landscape Architect.

A. Product Data: After the award of the Contract and prior to beginning work, the Contractor shall submit for approval by the Owner and Landscape Architect, two copies of the complete list of materials, manufacturer's technical data, and installation instructions which he proposes to install.

B. Commence no work before approval of material list and descriptive material by the Landscape Architect.

C. Record Drawings: The Contractor shall record on reproducibles, all changes that may be made during actual installation of the system. Provide controller sequencing and control valve locations.

1. Immediately upon installation of any piping, valves, wiring, sprinklers, etc., in locations other than shown on the original drawings or of sizes other than indicated, the Contractor shall clearly indicate such changes on a set of blueline prints. Records shall be made on a daily basis. All records shall be neat and subject to the approval of the Owner.

2. The Contractor shall also indicate on the record prints the location of all wire splices, original or due to repair, that are installed underground in a location other than the controller pedestal, remote control valve box, power source or connection to a valve-in-head sprinkler.

3. These drawings shall also serve as work progress sheets. The Contractor shall make neat and legible notations thereon daily as the work proceeds, showing the work as actually installed. These drawings shall be available at all times for review and shall be kept in a location designated by the Owner's Representative.

4. Progress payment request and record drawing information must be approved by Landscape Architect before payment is made.

5. If in the opinion of the Owner or his representative, the record drawing information is not being properly or promptly recorded, construction payment may be stopped until the proper information has been recorded and submitted.

6. Before the date of the final site observation and approval, the Contractor shall deliver one set (copies) of reproducible record drawing plans and notes to the Landscape Architect. Record drawing information shall be approved by the Landscape Architect prior to submittal to Owner for final payments, including retentions.

D. Operations and Maintenance Manuals: The Contractor shall prepare and deliver to the Owner, or his designated representative within ten (10) calendar days prior to completion of construction, a hard cover binder with three rings containing the following information:

1. Index sheet stating the Contractor's address and business telephone number, list of equipment with name(2) and address(es) of local manufacturer's representative(s).

2. Catalog and parts sheets on every material and equipment installed under this Contract.

3. Complete operating and maintenance instruction on all major equipment. Include initial controller schedule and recommended schedule after establishment period.

4. Demonstrate to and provide the Owner's maintenance personnel with instructions for major equipment and show evidence in writing to the Owner, or his designated representative at the conclusion of the project that this service has been rendered.

1.05 EXPLANATION OF DRAWINGS

A. Due to the scale of the drawings, it is not possible to indicate all offsets, fittings and sleeves which may be required. The Contractor shall carefully investigate the structural and finished conditions affecting all of the work and plan his work accordingly, furnishing such offsets, fittings and sleeves as may be required to meet such conditions.

B. The drawings are generally diagrammatic and indicative of the work to be installed. The work shall be installed in such a manner as to avoid conflicts between irrigation systems, planting and architectural features. Deviations shall be brought to the Landscape Architects attention.

C. All work called for a on the drawings by notes or details shall be furnished and installed whether or not specifically mentioned in the specifications.

D. The Contractor shall not willfully install the irrigation system as shown on the drawings when it is obvious in the field that obstructions, grade differences or discrepancies in area dimensions exist that might not have been known in engineering. Such obstructions or differences should be brought to the attention of the Landscape Architect. In the event that notification is not performed, the Contractor shall assume full responsibility for any revision necessary.

E. If, in the opinion of the Landscape Architect, the labor furnished by the Contractor is incompetent, unskilled, or unreliable, his equipment inadequate, improper or unsafe, or if the Contractor shall fail to continuously and diligently execute the construction, the Landscape Architect or Owner shall, in writing, instruct the Contractor to remove all such causes of noncompliance and the Contractor shall promptly comply.

F. The Contractor shall be responsible for full and complete coverage of all irrigation areas. The Landscape Architect shall be notified of any necessary adjustments at no additional cost to the Owner. Any revisions to the irrigation system must be submitted and answered in written form, along with any change in Contract price. Layout may be modified, if necessary to obtain coverage. Spacing not to exceed 60% of the diameter.

PART II: PRODUCTS

2.01 MATERIALS

Material and equipment shall be supplied by the Contractor. No substitutions shall be allowed without the prior written approval of the Owner/Landscape Architect. The Contractor shall inspect all materials and equipment prior to installation, and defective materials shall be replaced with the proper materials and equipment. Those items used in the installation found to be defective, improperly installed or not as specified, shall be removed and the proper materials and equipment installed in the proper manner, as interpreted by the Owner/Landscape Architect. The Contractor shall remove all damaged and defective pipe and equipment from the site.

2.02 PIPING

A. General Provisions: All materials throughout the system shall be new and in perfect condition unless otherwise directed by the Landscape Architect.

B. Polyvinyl Chloride Pipe (PVC): (Where indicated on plan, use non-potable purple piping.)

1. Laterals: PVC shall conform to the requirements of ASTM Designation D 2241, Class 1120 or 1220. All lateral piping less than 3" in diameter shall be Class 200 SDR-21.

2. Main Line Under Pressure: PVC shall conform to the requirements of ASTM Designation D 2241, Class 1120 or 1220, Schedule 40 with belled end for solvent weld connection.

3. Pipe Markings: All PVC pipe shall bear the following markings:
   - o Manufacturer's Name
   - o Nominal Pipe Size
   - o Schedule or Class
   - o Pressure Rating of PSI
   - o NSF (National Sanitation Foundation) Approval
   - o Date of Extrusion

2.04 PVC JOINTS

Joints in PVC pipe smaller than 3" shall be solvent welded in accordance with the recommendations of the pipe manufacturer; the solvent cleaner and welding compound furnished with the pipe.

2.05 THREADED CONNECTIONS

A. Threaded PVC connections shall be made up using Teflon tape only.

B. Connection between mainline pipe fittings and automatic or manual control valves shall be made using Schedule 80 threaded fittings and nipples.

2.06 SOLVENT CEMENT

A. General: Provide solvent cement and primer for PVC solvent weld pipe and fittings recommended by the manufacturer. Pipe joints for solvent weld pipe to be belled end. Pipe joints for gasketted pipe to be intrical ring type. Insert gaskets will not be accepted.

B. Thrust Blocks: Main line piping 3" or greater in diameter shall have thrust blocks sized and placed in accordance with the pipe manufacturer's recommendations or, in the absence of specified recommendations by the pipe manufacturer. 3000 PSI concrete thrusts shall be properly installed at tees, elbows, 45's, crosses, reducers, plugs, caps and valves.

2.07 PIPE AND WIRE SLEEVES

A. Sleeves to be installed:

1. The Contractor shall install irrigation system pipe and wire sleeves conforming to the following:
   a. All pipe sleeves shall extend a minimum of 36" beyond the edges of pavement.
   b. All pipe sleeves to be installed beneath future/existing road surfaces shall be PVC pipe Schedule 40 or jack and bore steel pipe as per FDOT specifications, and as shown on plans.
   c. All irrigation system wires shall be sleeved seperately from main or lateral lines.
   d. All pipe sleeves shall be installed at the minimum depth specified for main lines, lateral lines, and electric wire.
   e. Contractor shall coordinate all pipe sleeve locations and depths prior to initiating installation of the irrigation system.

2.08 SPRINKLER HEADS

A. Spray Sprinklers: The sprinkler shall be a fixed spray type designed for in-ground installation. The nozzle shall elevate 6" (or as designated on plan) when in operation. The body of the sprinkler shall be constructed of non-corrosive heavy duty Cycolac. A filter screen shall be in the nozzle piston. All sprinkler parts shall be removable through the tip of the unit by removal of a threaded cap.

Riser mounted spray shall be as indicated on the plans. The sprinkler shall consist of a nozzle and body. The body of the riser-mount sprinkler shall be constructed of non-corrosive materials. A cone strainer shall be a separate part with the nozzle assembly to allow for easy flushing of the sprinkler. Maximum working pressure at the base of the sprinkler shall be 40 PSI.

(continued...)

GROUNDWATER / DEWATERING NOTE:
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811 Know what's below. Call before you dig.
WUD#XX-XXX

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH

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KYLER R. DURHAM LICENSE No. 0666768 STATE OF FLORIDA PROFESSIONAL LANDSCAPE ARCHITECT

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	JOC
DRAWN BY	JOC
CHECKED BY	KPD

IRRIGATION NOTES

RAISING CANE'S RESTAURANT #1503
CITY OF GREENACRES FL

SHEET NUMBER
L-252

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2.09 AUTOMATIC CONTROL VALVE

The automatic remote control valves shall be as specified on the plans, or approved equal.

2.10 GATE VALVES

A. Gate valves for 3/4" through 2-1/2" shall be of brass or bronze construction, solid wedge, IPS threads, non-rising stem with wheel operating handle, for a continuous working pressure of 150 PSI.

B. Gate valves for 3" and larger: Iron body, brass or bronze mounted AWWA gate valves, with a clear waterway equal to the full nominal diameter of the valve, rubber gasket for a continuous working pressure of 150p PSI. Valve shall be equipped with a square operating nut.

2.11 VALVE BOXES

A. For gate valves, use AMETEK #10-181-014 box with #10-181-015 locking lid, or as per the drawings.

B. For control valves 3/4" through 2", the drip valve assemblies, use AMETEK #10-181-014 box with #10-181-015 locking lid, or sized as necessary to effectively house the equipment

C. For control wiring splices, use AMETEK #10-181-014 box with #10-181-015 locking lid, or as per the drawings.

2.12 IRRIGATION WIRING

A. Wiring used for connecting the electric control valves to the controllers shall be Type UF, 600 volt, single strand, solid copper with PVC insulation 4/64" thick. Size shall be 14 gauge, red for "hot" or lead wires, and common wire to be 14 gauge, white in color.

B. Contractor shall perform an ohm test on ground to assure adequate protection against surges and indirect lightning strikes.

2.13 MISCELLANEOUS MATERIALS

A. Drainage Backfill: Cleaned gravel or crushed stone, graded from 1" maximum to 3/4" minimum.

B. Metalized Underground Tape: The detectable, underground utility marking tape shall consist of a minimum: 5 mil (0.005") overall thickness; five-ply composition; ultra-high molecular weight, 100% virgin polyethylene; acid, alkaline and corrosion resistant; with no less than 150 pounds of tensile break strength per 6" width; color-code impregnated with color stable, lead-free, organic pigments suitable for direct burial. Tapes utilizing reprocessed plastics or resins shall not be acceptable. The detectable, underground utility marking tape shall have a 35 gauge (0.0035") solid aluminum foil, core encapsulated within a 2.55 mil (0.00255") polyethylene backing and a 0.6 mil (0.006") PET cover coating. The laminate on each side shall consist of a 0.75 mil (0.00075") layer of hot LPDE, poly-fusing the "sandwich" without use of adhesives.

2.14 AUTOMATIC CONTROL SYSTEM

An Independent Station Controller: Furnish a solid state controller, as specified on the plans.
Each station shall be capable of timing from zero (0) minute to 99 minutes per station in one (1) minute increments.

Each station shall be capable of operating two (2) 7VA electric valve-in-head solenoids.

The stand-alone controller shall have two (2) possible programs.

The stand-alone controller shall provide global percentage increase/decrease (water budget) for all stations simultaneously, from ten (10) to two hundred (200) percent, in ten (10) percent increments.

All stations shall be able to be turned on/off manually buy operating timing mechanism or by manual switch at station output.

The stand-alone controller shall incorporate an integral MOV surge protection into the terminal block for each of its 24 VAC field wire outputs. Controller power input wires will also incorporate surge protection.

The control panel shall provide continuous display time. It shall have alphanumeric displays of descriptive English menus and legend identifiers with cursor selection of function and precision value adjustment by rotary dial input.

The stand-alone controller shall be UL listed and FCC approved.

The stand-alone controller shall have 117 VAC, 60 Hz input, 26.5 VAC, 60 Hz output for operating 24 VAC solenoids.

The stand-alone controller cabinet shall be a lockable and weather-resistant outdoor cabinet. Mount as noted on plans.

The controller shall be equipped with lightening protection, by the Contractor, on both the primary (120v) and each secondary (24v) circuit. The controller circuits shall be grounded to a copper clad grounding rod located at each controller.

The controller shall be equipped for a water conservation device. as specified.

PART III: EXECUTION

3.01 INSPECTION

The Contractor shall examine the areas and conditions under which landscape irrigation system is to be installed and notify the Landscape Architect in writing of conditions detrimental to the proper and timely completion of the work. The Contractor shall proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the Landscape Architect.

3.02 PREPARATION

The Contractor shall provide sleeves to accommodate piping under walks or paving. The Contractor shall coordinate with other trades and install to accurate levels prior to paving work. Cutting and patching of paving and concrete will not be permitted. The Contractor shall maintain all warning signs, shoring, barricades, flares and red lanterns, as required by any local codes, ordinances or permits.

3.03 TRENCHING AND BACKFILLING

A. Excavation: The Contractor shall stake out the location of each run of pipe, sprinkler heads, sprinkler valves and isolation valves prior to trenching. Excavation shall be open vertical construction sufficiently wide to provide free working space around the work installed and to provide ample space or backfilling and tamping. Trenches for pipe shall be cut to required grade lines, and compacted to provide accurate grade and uniform bearing for the full length of the line. The bottom of the trenches shall be free of rock or other sharp edged objects. Minimum cover shall be as follows:

Pipe and Wire Depth

Pressure Mainline	18" at top of pipe from Finish Grade
Lateral Piping (rotor)	12" at top of pipe from Finish Grade
Lateral Piping (pop-up)	12" at top of pipe from Finish Grade
Control Wiring	Side of main Line

B. Minimum Clearances: All pipelines shall have a minimum clearance of six inches from each other and from lines of other crafts. Parallel lines shall not be installed directly over one another. No lateral line shall be installed in the main-line trench.

3.04 INSTALLATION OF PIPING

A. PVC Pipe and Joints: The Contractor shall not install solvent wild pipe when air temperature is below 40ø F. Installation shall be in accordance with the manufacturer's instructions.

1. Only the solvent recommended by the pipe manufacturer shall be used. All PVC pipe and fittings shall be installed as outlined and instructed by the pipe manufacturer, and it shall be the Contractor's full responsibility to make arrangements with the pipe manufacturer for any field assistance that may be necessary. The Contractor shall assume full responsibility for the correct installation.

3.05 BACKFILLING PROCEDURES

Initial backfill on PVC lines shall be pulverized native soil, free of foreign matter. Within radius of 4" of the pipe shall be clean soil or sand. Plant locations shall take precedence over sprinkler and pipe locations. The Contractor shall coordinate the location of trees and shrubs with the routing of lines and final head locations.

A. Backfill and Compaction: The Contractor shall leave trenches slightly mounded to allow for settlement after the backfilling is completed. The Contractor shall clean the site of the work continuously of excess waste materials as the backfilling progresses, and leave in a neat condition. No trenches shall be left open for a period of more than 48 hours. Protect open trenches as required.

The Contractor shall carefully backfill excavated materials approved for backfilling, consisting of earth, loam, sand, and other approved materials, free of rock and debris over 1" in size. Backfill shall be compacted to original density of surrounding soil without dips, sunken areas, or irregularities.

The Contractor shall conform to DOT requirements for methods and required compaction percentages, for roads and paving.

The Contractor shall hand place the first 6" of backfill (or to top of pipe) and have it walked on so as to secure the position of the pipe and wire.

No wheel rolling will be allowed. The Contractor shall remove rock or debris extracted from backfill materials and dispose of offsite. The Contractor shall fill any voids left in backfill with approved backfill materials.

B. Existing Lawns: Where trenching is required across existing lawns, uniformly cut strips of sod 6" wider than trench. The Contractor shall remove sod in rolls of suitable size for handling and keep moistened until replanted. The Contractor shall replant sod within 48 hours after removal, roll and water generously. The Contractor shall resod any areas not in healthy condition equal to adjoining lawns 10 days after replanting.

C. Seeded Area: Trenching will be required across existing seeded areas, primarily roadway edging. The Contractor shall conform to the requirements of seeding, Section 02930 for the reseeding of the disturbed trench area.

D. Pavements: Jack and bore or directional bore piping under paving materials as per local regulatory codes. No cutting and patching of pavement will be permitted.

3.06 VALVES

A. Isolation Valves: Shall be sized corresponding to adjacent pipe size. Specified valve boxes shall be installed flush with finish grade in such a manner that surface forces applied to their exposed area will not be transmitted to the piping in which the valve is installed nor any other piping, wiring or other lines in the vicinity of said valves.

B. Gate Valves: Install where shown, in valve boxes.

C. Electric Control Valves: Shall be installed in specified valve boxes. The valve shall have 6" of 3/4" pea gravel installed below the bottom of the valve. If the valve box does not extend to the base of the valve, a valve box extension shall be installed. Electric control valves shall be installed where shown and grouped together where practical. The Contractor shall place no closer than 24" to walk edges, bikeway edges, buildings and walls. The Contractor shall adjust the valve to provide flow rate or rated operating pressure required for each sprinkler circuit.

3.07 CONDUIT AND SLEEVES

A. Conduit and Sleeves for Control Wiring and Main/Lateral Pipe: The Contractor shall provide and install where necessary. Contractor shall coordinate locations of previously installed sleeving with the General Site Contractor.

The Contractor shall coordinate installation of sleeves with work of other disciplines.

3.08 CONTROLS

A. The Contractor shall connect electric control valves to controllers in a clockwise sequence to correspond with station settings beginning with Stations 1, 2, 3, etc. Automatic controllers shall be provided and installed by the Contractor as noted on the drawings. All zones will be labeled on the controller.

B. Controllers shall be equipped with lightning protection and grounded to a standard 5/8" copper clad steel ground rod driven a minimum of 8' into the ground and clamped.

C. The electrical service to the controllers shall be performed by an electrical subcontractor in compliance with NEC requirements.

3.09 CONTROL WIRE

A. Control wiring between the controller and electric valves shall be buried in main line trenches or in separate trenches. Electrical connection at valve will allow for pigtail so solenoid can be removed from valve with sufficient slack to allow ends to be pulled 12" above ground for examination and cleaning.

B. An expansion loop shall be provided at every valve at 100' o.c. Expansion loop shall be formed by wrapping wire at least eight times around a 3/4" pipe and withdrawing pipe.

C. The wire shall be bundled and taped every ten feet. The wire shall be laid in the trench prior to installing the pipe being careful to install wire beneath and 6" to the side of the main pipe line.

D. Electrical connections to electric control valves shall be made with Rainbird Pen-Tite or Techdel GT-3-GEL - Tite connectors or equal.

Power Connections: Electrical connections to power and signal wires shall be made using 3M 82-A2 power cable splice kits.

3.10 SPRINKLER HEADS

A. General Provisions:

1. Sprinkler heads shall be installed as designated on the shop drawings. Heads shall be installed on flexible PVC. Top to be flush with finish grade or top of curb.

2. Spacing of heads shall not exceed the maximum indicated on the shop drawings (unless directed by the Landscape Architect). In no case shall the spacing exceed the maximum recommended by the manufacturer.

B. Head Types:

1. Pop-up- Rotary Sprinkler Heads: Shall be installed on flex joint and be set with top of head flush with finish grade. Heads installed at curb shall have 6" to 10" between perimeter of head and concrete. Heads placed at edge of pavement having no curb shall be installed 24" from edge of pavement.

2. Spray Pop-up Sprinkler Heads: Shall be installed on flexible PVC and be set with top of head flush with finished grade. Sprinkler heads placed adjacent to curbs will be installed 9" from concrete. Sprinkler heads placed adjacent to pavement having no curb shall be installed 24" from the edge of pavement.

3.11 COMPLETION

A. Flushing: Before sprinkler heads are set, the Contractor shall flush the lines thoroughly to make sure there is no foreign matter in the lines.

The Contractor shall flush the main lines from dead end fittings for a minimum of five minutes under a full head of pressure.

B. Testing: The Contractor shall notify Landscape Architect and Owner forty-eight (48) hours in advance of testing.

Prior to backfilling of main line fittings, Contractor shall fill the main line piping with water, in the presence of the Owner/Landscape Architect, taking care to purge the air from it by operating all the sprinkler control valves one or more times and/or such other means as may be necessary. A small, high pressure pump or other means of maintaining a continuous water supply shall be connected to the main line and set so as to maintain 100 PSI in the main line system for two (2) hours without interruption. When this has been accomplished and while the pressure in the system is still 100 PSI, leakage testing shall be performed in accordance with AWWA Standard C-600. Pressure readings shall be noted and make up water usage shall be recorded. Should the rate of make up water usage indicate significant leakage, the source of such leakage shall be found and corrected and the system then retested until the Owner/Landscape Architect is satisfied that the system is reasonably sound. Lateral line testing shall be conducted during the operating testing of the system by checking visually the ground surface until no leaks in this portion of the system are evident. Leaks shall be repaired or paid for by the Contractor at any time they appear during the warranty period.

C. Adjustment and Coverage of System: Coordinate pressure testing with adjustments and coverage test of system so both may occur at the same time. The Contractor shall balance and adjust the various components of the system so that the overall operation of the system is most efficient. This includes a synchronization of the controllers, adjustments to pressure regulators, pressure relief valves, part circle sprinkler heads, and individual station adjustments on the controllers.

3.12 WARRANTY

A. The Contractor shall fully warrant the landscape irrigation system for a period of one (1) year after the written final acceptance and will receive a written confirmation from the Landscape Architect that the warranty period is in effect.

B. During the warranty period, the Contractor will enforce all manufacturer's and supplier's warranties as if made by the Contractor himself. Any malfunctions, deficiencies, breaks, damages, disrepair, or other disorder due to materials, workmanship, or installation by the Contractor and his suppliers shall be immediately and properly corrected to the proper order as directed by the Owner and/or Landscape Architect.

C. Any damages caused by system malfunction shall be the responsibility of the Contractor who shall make full and immediate restoration for said damages.

GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#XX-XXX

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY KYLER DURHAM, PLA ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KYLER DURHAM — LICENSE No. 6666768 — STATE OF FLORIDA — PROFESSIONAL LANDSCAPE ARCHITECT

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY JOC
DRAWN BY JOC
CHECKED BY KPD

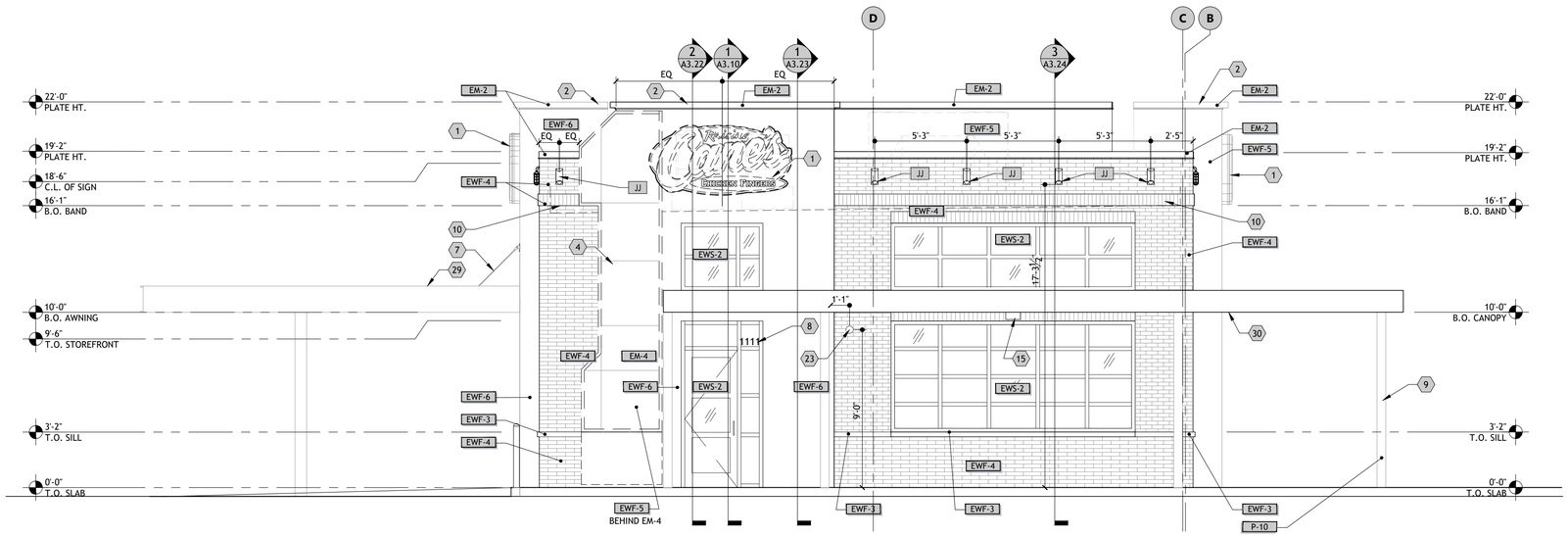
IRRIGATION NOTES

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

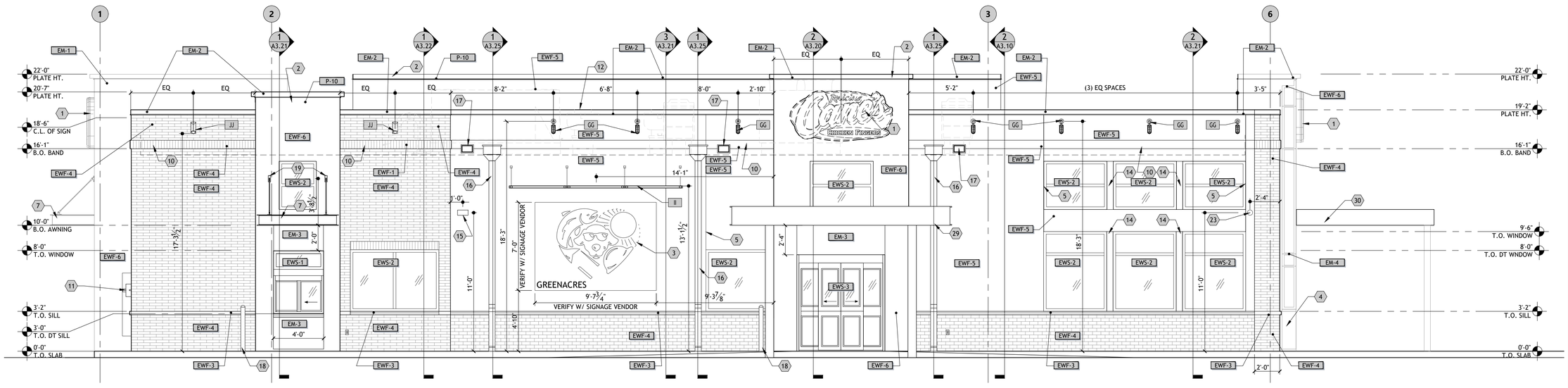
SHEET NUMBER L-253

All signage shall comply with the Sign Program for the Raising Cane's Restaurant, and the Master Sign Plan (MSP) for the Mil-Lake Plaza. Any sign element not specifically addressed in the Sign Program for the Raising Cane's Restaurant or the approved MSP for the Mil-Lake Plaza shall comply with the City sign requirements.



FRONT ELEVATION (SOUTH)

1/4" = 1'-0" | 1



DRIVE-THRU ELEVATION (WEST)

1/4" = 1'-0" | 2

SHEET NOTES

A. REFER TO SHEET G0.01 FOR GENERAL NOTES.

B. REFER SHEET A6.30 FOR FINISH SCHEDULES.

C. SIGNAGE TO BE APPROVED UNDER SEPARATE PERMIT SUBMITTAL.

D. CANOPIES AND AWNINGS ARE REQUESTED AS DEFERRED SUBMITTALS AS INDICATED ON SHEET PCS. G.C. TO PERMIT CANOPIES AND AWNINGS USING MANUFACTURER SPECIFICATIONS AND SHOP DRAWINGS.

E. CONFIRM OUTDOOR SPEAKER, CAMERA AND WI-FI LOCATIONS WITH I.T.

F. VERIFY LOGO SIGNS, PAINTED MURAL W/ SIGNAGE VENDOR. REFER TO THE SIGNAGE PROGRAM FOR PROJECT SIGNAGE.

SEALANT NOTES

A. PROVIDE SEALANT & BACKER RODS AT ALL DISSIMILAR MATERIALS.

B. MATCH FRAME COLOR AT ALL DOORS AND WINDOWS. MATCH ADJACENT WALL MATERIAL COLOR AT WALL PENETRATIONS AND CONSTRUCTION JOINTS; AT JOINT BETWEEN TWO DIFFERENT WALL MATERIALS, MATCH DARKER MATERIAL.

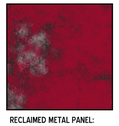
KEYED NOTES

1. SIGN, BY OWNER. PROVIDE BLOCKING AS REQUIRED
2. LED COVE LIGHTING BY OTHERS, LIGHTING TO BE STATIC, I.E. NO FLASHING
3. WALL ART BY OWNER
4. METAL PANELS BY OWNER
5. CONTROL JOINT
6. METAL COUNTER FLASHING AT SLOPED ROOF
7. PRE-FABRICATED METAL CANOPY, TO BE PERMITTED SEPARATELY
8. ADDRESS NUMBERS IN 6" CHARACTERS, SIZE AND LOCATION AS REQUIRED BY AHJ
9. METAL, GUTTER & DOWNSPOUT, FINISH AS NOTED, **RE: CIVIL FOR CONTINUATION**
10. 8" ACCENT BAND (EIFS) / SOLDIER COURSE (BRICK)
11. ELECTRICAL EQUIPMENT, PAINT TO MATCH ADJACENT CLADDING MATERIAL
12. ROOFTOP EQUIPMENT BEHIND SCREEN, REFER TO ROOF PLAN
13. GAS METER - PAINTED TO MATCH ADJACENT CLADDING MATERIAL
14. BRAKE METAL BETWEEN WINDOWS PRE-FINISHED TO MATCH STOREFRONT
15. EXTERIOR SPEAKERS
16. ROOF SCUPPER AND DOWNSPOUT, OMIT EIFS BAND. MATCH EM-2. **RE: 6/A5.21**
17. OVERFLOW SCUPPER, **RE: 6/A5.21**
18. 4" BOLLARD W/ BLACK PLASTIC SLEEVE, **RE: 2/A0.50**
19. 2x WOOD BLOCKING REQUIRED IN WALL CAVITY. REFER TO WALL SECTIONS
20. DARPRO OUTLET AND SECURITY BOX
21. ORIA 4-DIGIT KEY STORAGE BOX
22. CO2 PORT
23. PENETRATION FOR SECURITY CAMERAS
24. PENETRATION FOR WIFI EQUIPMENT
25. KNOX BOX - COORDINATE LOCATION WITH FIRE MARSHAL
26. 1" x 1" 14 ga BLACK WIRE MESH INFILL
27. WALL HYDRANT, **RE: PLUMBING**
28. FDC
29. DT PICK-UP AREA CANOPY
30. PATIO CANOPY

MATERIAL FINISHES

EM-3

POWDER COATED STEEL MATTE BLACK FINISH

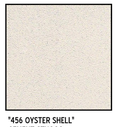
EM-4

RECLAIMED METAL PANEL: VINTAGE CAR HOOD OCCURS AT FACE OF THE 'I' ELEMENT ONLY

EWF-4

BORAL: "ALAMO" QUEEN BRICK. MORTER TO MATCH SOLOMON PRODUCTS IO H. LIGHT BUFF SACK RUB FINISH.

EWF-5

"132 MOUNTAIN FOG" PORTLAND CEMENT STUCCO

EWF-6

"456 OYSTER SHELL" CEMENT STUCCO

EWS-2

ALUMINUM STOREFRONT SYSTEM FINISH: ANODIZED BLACK

MATERIAL LEGEND

TAG	DESCRIPTION
EM-1	STANDING SEAM METAL ROOF
EM-2	METAL CAP FLASHING
EM-3	POWDER COATED ALUMINUM
EM-4	METAL ACCENT PANELS
EWF-1	BRICK CLADDING
EWF-2	ELASTOMERIC COATING
EWF-3	CAST STONE LEDGE / SILL
EWF-4	BRICK CLADDING
EWF-5	ELASTOMERIC COATING
EWF-6	ELASTOMERIC COATING
EWS-1	DRIVE-THRU WINDOW
EWS-2	ALUMINUM STOREFRONT
EWS-3	ALUMINUM SLIDING DOOR
P-5	EXTERIOR PAINT
P-10	EXTERIOR PAINT

zebra
ZEBRA ARCHITECTURE, PLLC
14614 N KIERLAND BLVD. SUITE N300
SCOTTSDALE, ARIZONA 85254
PHONE: 480.912.1169 zbr.global

SEAL:

STATE OF FLORIDA · ZACHARY BRIAN SHIRK · AR99089 · REGISTERED ARCHITECT

05/19/2026

FIELD VERIFICATION:
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CONSULTANT:

PROTOTYPE P4E-AV
SCHEME A/B
VERSION 2025-1.0

RAISING CANE'S
RESTAURANT NO.: #1503
3969 S MILITARY TRAIL
(MILITARY TRL & LAKE WORTH)
GREENACRES, FLORIDA 33463

REV	DATE	DESCRIPTION
	09.23.25	INITIAL SUBMITTAL
1	12.05.25	CITY COMMENTS & RESUBMITTAL
2	04.03.26	CITY COMMENTS & RESUBMITTAL
3	05.19.26	FINAL REVISIONS FOR COUNCIL

DRAWN BY: X
CHECKED BY: XX

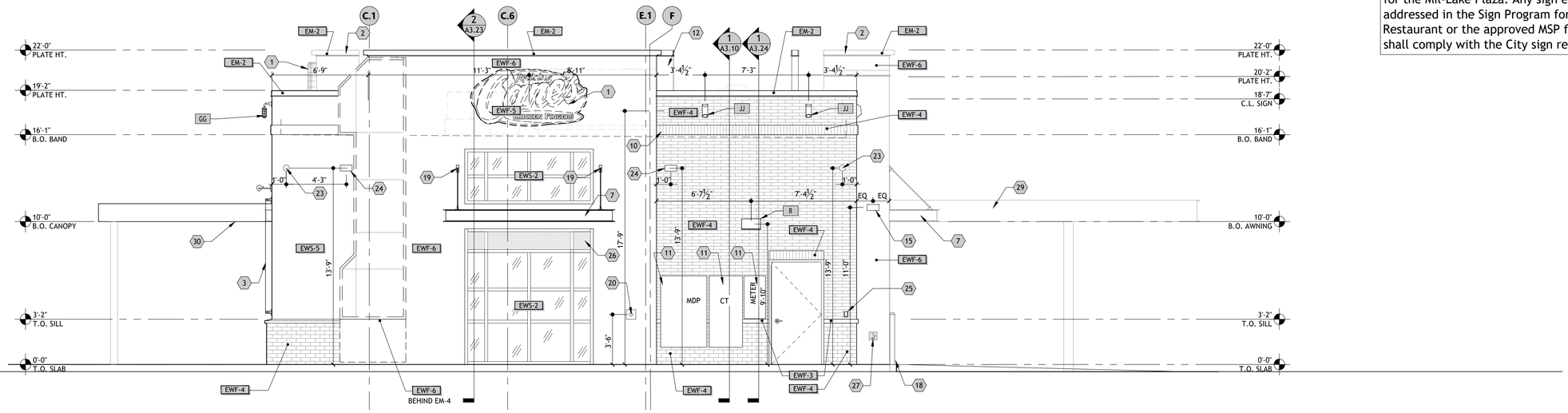
ARCH. PROJECT NO.:
P4E-AV

SHEET NAME:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A2.10

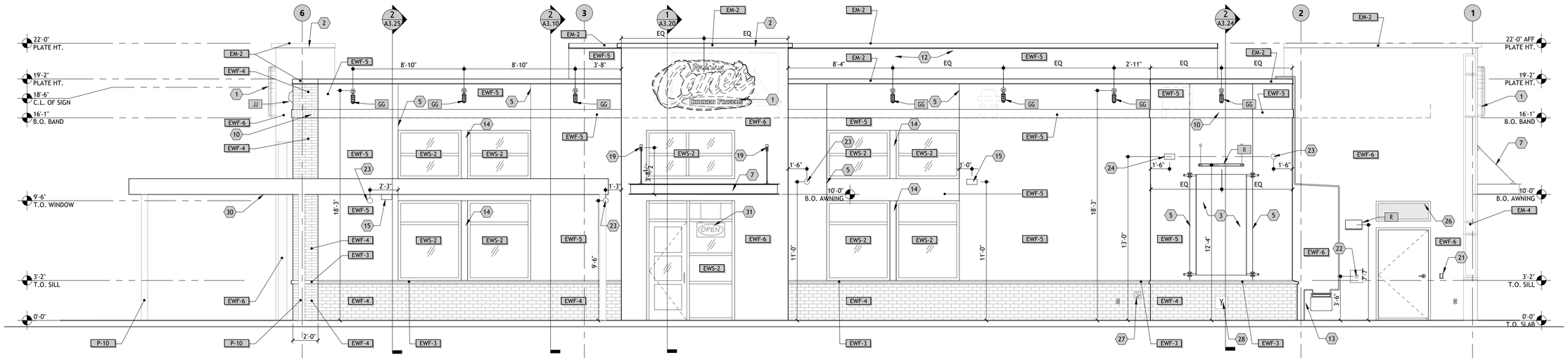
SITE PLAN REVIEW

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REAR ELEVATION (NORTH)

1/4" = 1'-0" | 1



SIDE ELEVATION (EAST)

1/4" = 1'-0" | 2

SHEET NOTES

A. REFER TO SHEET G0.01 FOR GENERAL NOTES.

B. REFER SHEET A6.30 FOR FINISH SCHEDULES.

C. SIGNAGE TO BE APPROVED UNDER SEPARATE PERMIT SUBMITTAL.

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14. BRAKE METAL BETWEEN WINDOWS PRE-FINISHED TO MATCH STOREFRONT
15. EXTERIOR SPEAKERS
16. ROOF SCUPPER AND DOWNSPOUT, OMIT EIFS BAND. MATCH EM-2. **RE: 6/A5.21**
17. OVERFLOW SCUPPER, **RE: 6/A5.21**
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25. KNOX BOX - COORDINATE LOCATION WITH FIRE MARSHAL
26. 1" x 1" 14 ga BLACK WIRE MESH INFILL
27. WALL HYDRANT, **RE: PLUMBING**
28. FDC
29. DT PICK-UP AREA CANOPY
30. PATIO CANOPY
31. WINDOW SIGN BY OWNER, NTE 50%. PROVIDE BLOCKING AS REQUIRED

MATERIAL FINISHES

EM-3
POWDER COATED STEEL MATTE BLACK FINISH

EM-4
RECLAIMED METAL PANEL: VINTAGE CAR HOOD OCCURS AT FACE OF THE "I" ELEMENT ONLY

EWF-4
BORAL: "ALAMO" QUEEN BRICK. MORTER TO MATCH SOLOMON PRODUCTS IO H. LIGHT BUFF SACK RUB FINISH.

EWF-5
"132 MOUNTAIN FOG" PORTLAND CEMENT STUCCO

EWF-6
"456 OYSTER SHELL" CEMENT STUCCO

EWS-2
ALUMINUM STOREFRONT SYSTEM FINISH: ANODIZED BLACK

MATERIAL LEGEND

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EM-1	STANDING SEAM METAL ROOF
EM-2	METAL CAP FLASHING
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EWF-4	BRICK CLADDING
EWF-5	ELASTOMERIC COATING
EWF-6	ELASTOMERIC COATING
EWS-1	DRIVE-THRU WINDOW
EWS-2	ALUMINUM STOREFRONT
EWS-3	ALUMINUM SLIDING DOOR
P-5	EXTERIOR PAINT
P-10	EXTERIOR PAINT

zebra
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CONSULTANT:

Raising Cane's Chicken Fingers

PROTOTYPE P4E-AV
SCHEME A/B
VERSION 2025-1.0

RAISING CANE'S
RESTAURANT NO.: #1503
3969 S MILITARY TRAIL
(MILITARY TRL & LAKE WORTH)
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REV	DATE	DESCRIPTION
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DRAWN BY: X
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ARCH. PROJECT NO.:
P4E-AV

SHEET NAME:
EXTERIOR ELEVATIONS

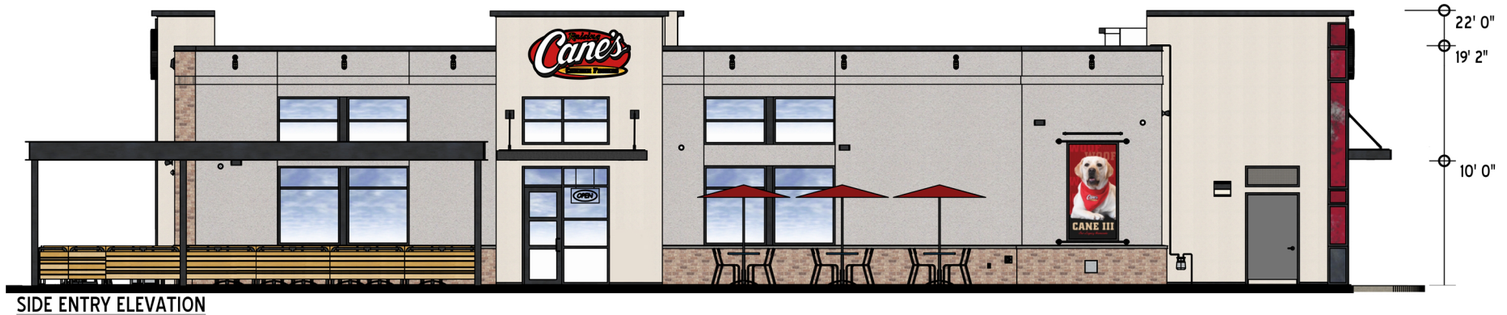
SHEET NUMBER:
A2.11

SITE PLAN REVIEW

C1503 GREENACRES, FL - P4 E AV EXTENDED SIDE PATIO - COLOR ELEVATIONS



FRONT ENTRY ELEVATION



SIDE ENTRY ELEVATION



REAR ELEVATION



DRIVE THRU ELEVATION

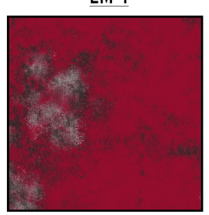
MATERIAL FINISHES

EM-3



POWDER COATED STEEL MATTE BLACK FINISH

EM-4



RECLAIMED METAL PANEL: VINTAGE CAR HOOD OCCURS AT FACE OF THE "1" ELEMENT ONLY

EWF-4



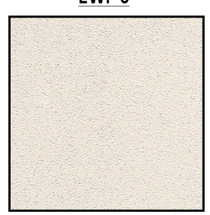
BORAL: "ALAMO" QUEEN BRICK, MORTER TO MATCH SOLOMON PRODUCTS 10 H, LIGHT BUFF SACK RUB FINISH.

EWF-5



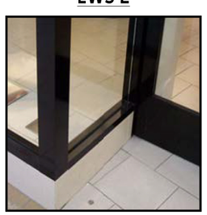
"132 MOUNTAIN FOG" PORTLAND CEMENT STUCCO

EWF-6

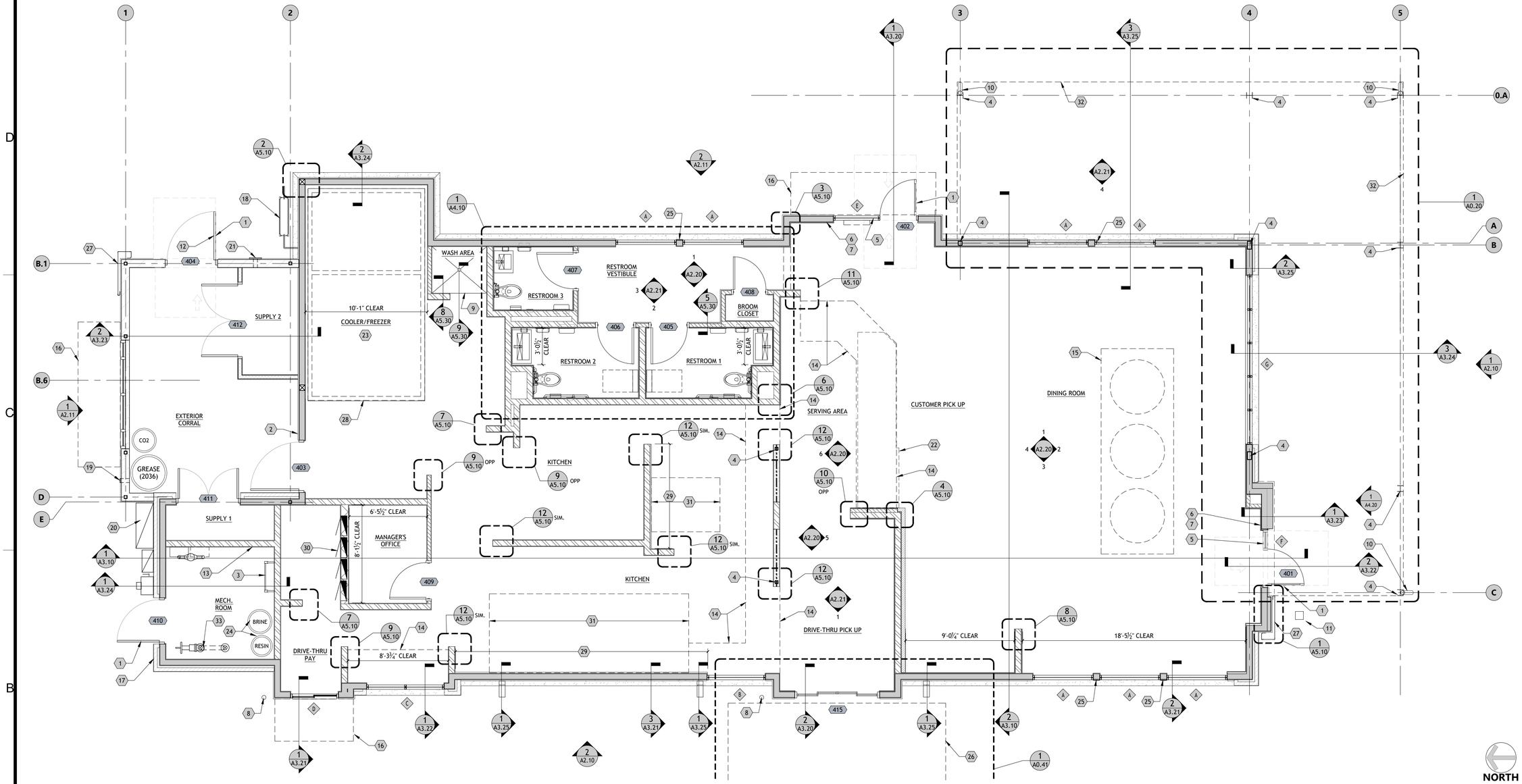


"456 OYSTER SHELL" CEMENT STUCCO

EWS-2



ALUMINUM STOREFRONT SYSTEM FINISH: ANODIZED BLACK



ANNOTATED FLOOR PLAN

1/4" = 1'-0" | 1

SHEET NOTES

A. REFER TO SHEET G0.01 FOR GENERAL NOTES.

B. ALL KITCHEN AREA AND WET WALLS TO HAVE "DUROCK" BRAND CEMENT BOARD FROM F.F. TO EITHER 4" A.F.F. W/ 1/2" PLYWOOD ABOVE, FINISH AS SCHEDULED.

C. ALL AREAS OTHER THAN KITCHEN AND WET WALLS TO HAVE "DUROCK" BRAND CEMENT BOARD FROM F.F. TO 8" A.F.F. W/ 1/2" PLYWOOD ABOVE, FINISH AS SCHEDULED.

D. REFER TO SHEET FS1.10 FOR ADDITIONAL OWNER PROVIDED MILLWORK, INSTALLED BY G.C.

E. ALL EXTERIOR LANDINGS TO BE FLUSH WITH FINISH FLOOR, TYPICAL.

F. PROVIDE BRAILLE AND RAISED LETTERING EXIT SIGNAGE PER 2/A1.10 AND ACCESSIBLE DETAIL SHEETS.

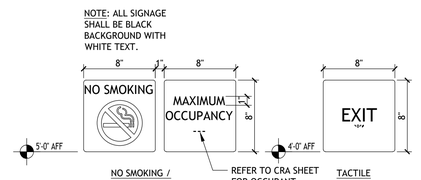
G. PROVIDE SOUND ATTENUATION BATT INSULATION AT RESTROOM WALLS.

H. REFER TO SHEET A3.30 FOR WALL TYPES.

I. REFER TO SHEETS A6.10 FOR DOOR SCHEDULE AND A6.20 FOR WINDOW SCHEDULE.

KEYED NOTES

1. INSTALL DOOR STOP TO ALLOW 90 DEGREE SWING MINIMUM. VERIFY MAXIMUM SWING WILL NOT IMPACT ADJACENT FINISHES OR EQUIPMENT.
2. PROVIDE BUZZER
3. ROOF ACCESS LADDER
4. COLUMN OR POST, **RE: STRUCTURAL**
5. BRAILLE & RAISED LETTERING EXIT SIGNAGE, **RE: 2/A1.10**
6. MAXIMUM OCCUPANCY SIGN, **RE: 2/A1.10**
7. NO SMOKING SIGN, **RE: 2/A1.10**
8. PIPE BOLLARD, **RE: 2/A0.50**
9. EDGE OF MOP SINK SLOPE 1:3
10. 3" PVC DRAIN LINE TO CURB OUTLET. DO NOT DISCHARGE TO LANDSCAPING
11. SQUARE UPLIGHT RECESSED INTO PAVING, **RE: ELECTRICAL FOR INSTALLATION DETAIL**
12. DOOR MOUNTED SIGN "EGRESS PATH MUST REMAIN CLEAR AT ALL TIMES
13. UNIT HEATER IN WALL, **RE: MECHANICAL**
14. LINE OF SOFFIT ABOVE, **RE: A1.40**
15. LINE OF CEILING CLOUD AND DISCO BALLS ABOVE (BY OTHERS) **RE: A1.40**
16. PREFABRICATED AWNING BY OWNER. G.C. SHALL COORDINATE WITH VENDOR'S DRAWINGS
17. KNOX BOX PER LOCAL FIRE DEPARTMENT JURISDICTION
18. GAS METER, **RE: MECHANICAL**
19. PROVIDE BULK CO2 TANK FILL CONNECTION. G.C. TO COORDINATE WITH CO2 SUPPLIER
20. EXTERIOR ELECTRICAL EQUIPMENT. PRIME AND PAINT TO MATCH BUILDING, **RE: ELECTRICAL**
21. PROVIDE GREASE STORAGE TANK EVACUATION CONNECTION. G.C. TO COORDINATE WITH VENDOR. - TANK BASE CONNECTION: 5/8" Ø A.B. W/ 4 1/2" MIN. EMBEDMENT INTO CONCRETE (TYP. EA. LEG) - REFER TO VENDOR'S CALCULATIONS.
22. LINE OF COUNTERTOP/CASEWORK. **RE: MILLWORK**
23. INSTALL A HARDWIRED COMMUNICATION DEVICE IN WALK-IN FREEZER FOR EMERGENCY ASSISTANCE IN THE EVENT OF A LOCK-IN
24. WATER SOFTENER, **RE: PLUMBING**
25. BRAKE METAL TO MATCH WINDOW FRAME, **RE: 7/A6.21**
26. LINE OF EXPO CANOPY
27. METAL ACCENT PANELS, **RE: EXTERIOR ELEVATIONS**
28. ENCLOSE AREA ABOVE WALK-IN COOLER FULLY TO CEILING
29. 1" NON-COMBUSTIBLE WALL PANEL AT HOOD. REFER TO FOOD SERVICE EQUIPMENT AND VENDOR'S DRAWINGS.
30. INTERIOR ELECTRICAL PANELS
31. EXHAUST HOOD ABOVE
32. LINE OF PATIO ROOF WHEN APPLICABLE, **RE: SHEET A0.20 & STRUCTURAL**
33. FIRE RISER - UNDER DEFERRED SUBMITTAL



SIGNAGE DETAILS

1 1/2" = 1'-0" | 2

zebra
ZEBRA ARCHITECTURE, PLLC
14614 N KIERLAND BLVD. SUITE N300
SCOTTSDALE, ARIZONA 85254
PHONE: 480.912.1169 zbr.global

SEAL:

STATE OF FLORIDA
ZACHARY BRIAN SHIRK
AR99089
REGISTERED ARCHITECT
05/19/2026

FIELD VERIFICATION:
The Contractor shall verify all figured dimensions and conditions at the project site and notify Zebra Architecture, PLLC. of any dimensional errors, omissions or discrepancies before beginning or fabricating any work. Do not scale these drawings.

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CONSULTANT:

Raising Cane's Chicken Fingers

PROTOTYPE P4E-AV
SCHEME A/B
VERSION 2025-1.0

RAISING CANE'S
RESTAURANT NO.: #1503
3969 S MILITARY TRAIL
(MILITARY TRL & LAKE WORTH)
GREENACRES, FLORIDA 33463

REV	DATE	DESCRIPTION
-	09.23.25	INITIAL SUBMITTAL
1	12.05.25	CITY COMMENTS & RESUBMITTAL
2	04.03.26	CITY COMMENTS & RESUBMITTAL
3	05.19.26	FINAL REVISIONS FOR COUNCIL

DRAWN BY: X
CHECKED BY: XX

ARCH. PROJECT NO.:
P4E-AV

SHEET NAME:
ANNOTATED FLOOR PLAN

SHEET NUMBER:
A1.10

SITE PLAN REVIEW



DRAWING REVISIONS	
DATE	CHANGE
02/16/26	Updated to match new elevations & site plan.
03/11/26	Updated based on marke ups.
03/18/26	Updated One Tower to provided. Clearance Bar
03/26/26	Elevation Labeling.
04/01/26	Elevation, Canopy & roof heights.
05/18/26	Updates based on marked up doc.

RC1503
3969 S Military Trail
Greenacres, FL 33463
05/18/2026

CODE SUMMARY

An MSP Approval is underway as of 7/16/2025.

Ground signs: Monument allowed at 40sf, 8' OAH. 10' setback from property line, 2f from ROW, curb, or sidewalk. Berm allowed, up to 2'. EMC not allowed.

Building signs: Cabinet Signs prohibited- must be Channel Letters with no rear illumination. 1 Sign allowed per street (1 on South Elevation (front) and 1 on East Elevation (side entry)). No sign allowed on rear of building. ~105sf total signage allowed.

Artwork: Murals allowed only on substrate, would be part of Signage sf. Red Dog on substrate allowed.

Menu Boards: Presale Boards are not allowed. Rest of scope is compliant.

Directionals: Directionals are allowed at 3' OAH, 3sf. Name/Logo not allowed.

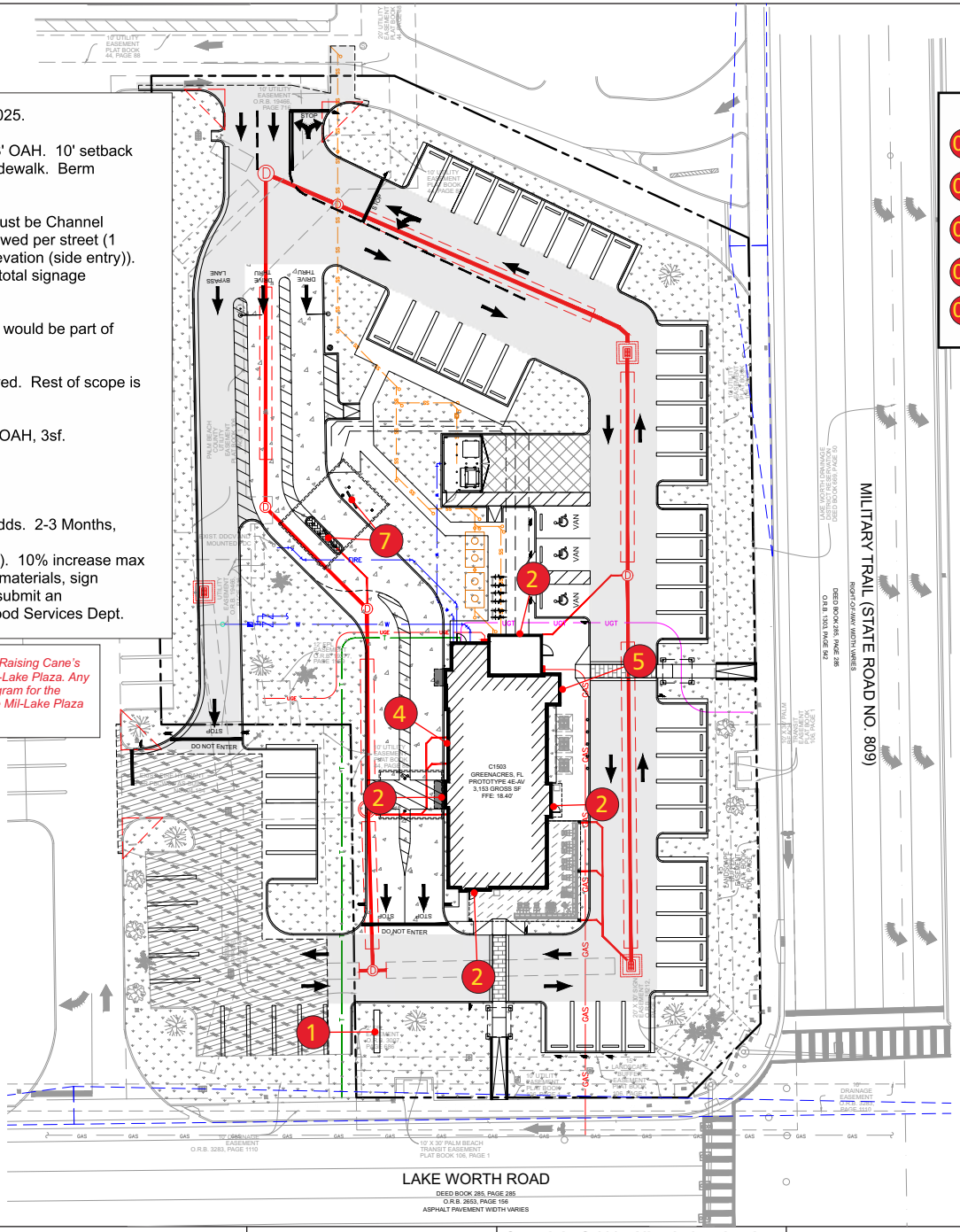
Cove Lighting is prohibited.

Variances are allowed with poor approval odds. 2-3 Months, $2295 + $850.37 Administrative fee.
Amendment required to change MSP ($850). 10% increase max in sign height and sqft. Can amend design, materials, sign locations, placement and orientation. Must submit an application to Development and Neighborhood Services Dept.

"All signage shall comply with the Sign Program for the Raising Cane's Restaurant, and the Master Sign Plan (MSP) for the Mil-Lake Plaza. Any sign element not specifically addressed in the Sign Program for the Raising Cane's Restaurant or the approved MSP for the Mil-Lake Plaza shall comply with the City sign requirements."

Signage Waiver for 4th Wall Sign - Requested

SITEMAP



	QTY	CODE	DESCRIPTION
01	1	CANE00xx MONUMENT	Monument @ 8' OAH
02	4	CANE00xx RAI-WS-AT-0408-C	4'x8' Wall Sign
04	1	CANE0023 RAI-OLH001-06	One Love Heart
05	1	CANE0018 RAI-BAN001-D-R	Red Dog Wall Sign (on substrate)
07	2	CANE0020 RAI-MB-RC	DT Menuboard



Location: Greenacres, FL

Date: 02/09/2026

Site ID: RC1503

Allen PM: Sina Palmquist

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ELEVATIONS

	QTY	CODE	DESCRIPTION
02	4	CANE00xx RAI-WS-AT-0408-C	4'x8' Wall Sign
04	1	CANE0023 RAI-OLH001-06	One Love Heart



SOUTH ELEVATION

Scale: 3/32"=1' Allowed 60.12 SF



WEST ELEVATION

Scale: 3/32"=1' Allowed 138.87 SF

Raising Cane's Chicken Fingers	Location: Greenacres, FL	Date: 02/09/2026	**Copyright © 2025 Allen Industries, Inc.** This is an original, unpublished drawing, created by Allen Industries, Inc. This drawing is submitted to you in confidence for your use solely in connection with the project being planned for you by Allen Industries, Inc. and is not to be shown to anyone outside your organization, nor used, reproduced, copied or exhibited in any fashion whatsoever. The designs shown on the drawing (except for any registered trademarks that may belong to a client of Allen Industries, Inc.) remain the property of Allen Industries, Inc.	
	Site ID: RC1503	Allen PM: Sina Palmquist		Allen Industries YOUR BRAND AT ITS BEST™

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ELEVATIONS

	QTY	CODE	DESCRIPTION
02	4	CANE00xx RAI-WS-AT-0408-C	4'x8' Wall Sign
05	1	CANE0018 RAI-BAN001-D-R	Red Dog Wall Sign (on substrate)



NORTH ELEVATION

Scale: 3/32"=1' Allowed 64.87 SF



EAST ELEVATION

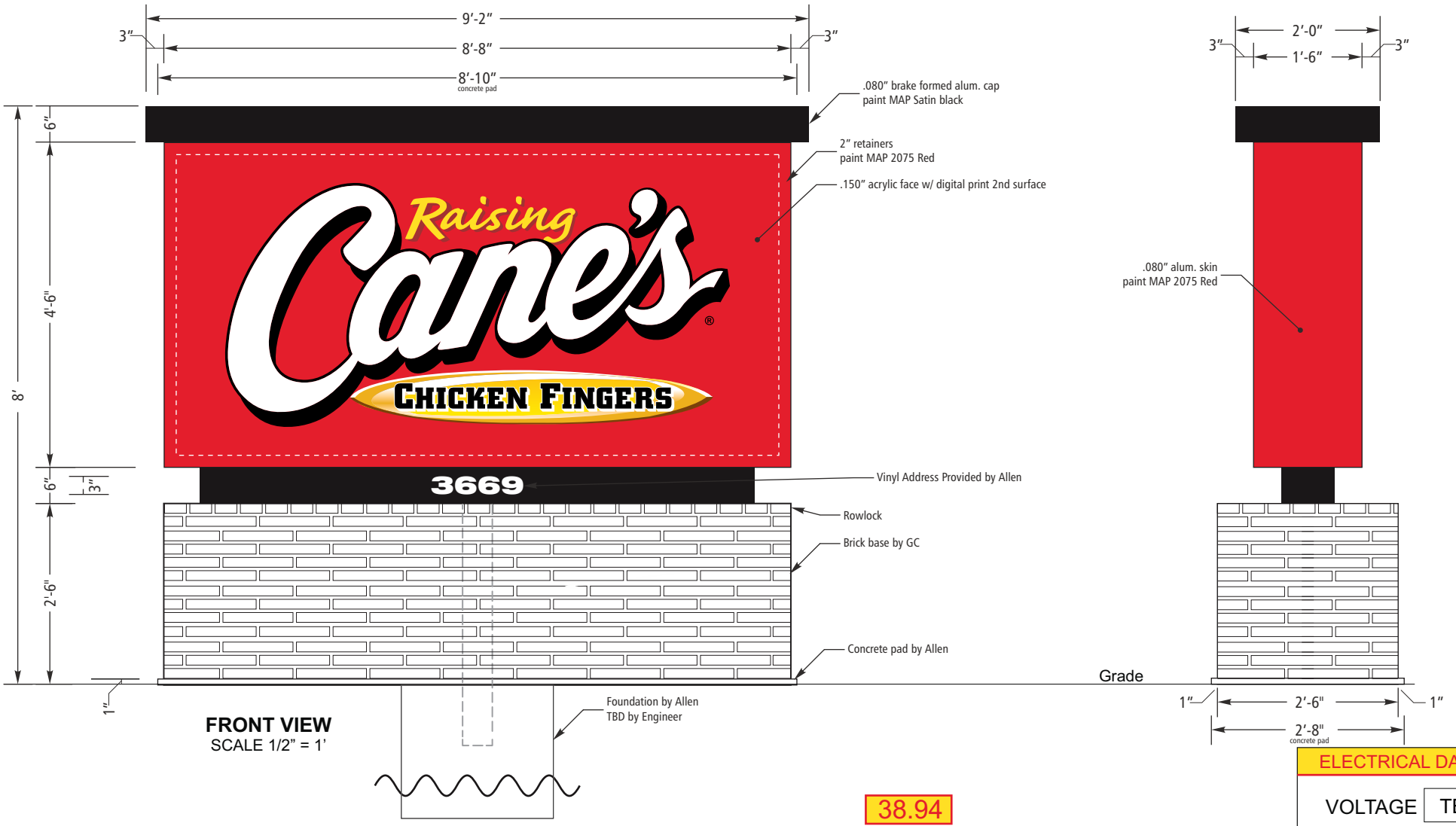
Scale: 3/32"=1' Allowed 143.25 SF

Raising Cane's Chicken Fingers	Location: Greenacres, FL	Date: 02/09/2026	**Copyright © 2025 Allen Industries, Inc.** This is an original, unpublished drawing, created by Allen Industries, Inc. This drawing is submitted to you in confidence for your use solely in connection with the project being planned for you by Allen Industries, Inc. and is not to be shown to anyone outside your organization, nor used, reproduced, copied or exhibited in any fashion whatsoever. The designs shown on the drawing (except for any registered trademarks that may belong to a client of Allen Industries, Inc.) remain the property of Allen Industries, Inc.	
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01 Monument

CANE00## • 4'-6" x 8'-8" D/F Monument sign w/alum. cap.
CANE00##-STL • Steel for Custom 4'-6" x 8'-8" D/F
8' 0" OAH / Brick base by GC



FRONT VIEW
SCALE 1/2" = 1'

38.94
Square Footage

ELECTRICAL DATA	
VOLTAGE	TBD
AMPERAGE	TBD

ALLEN RESPONSIBLE FOR FOUNDATION

Raising Cane's Chicken Fingers	Location: Greenacres, FL	Date: 02/09/2026	**Copyright © 2025 Allen Industries, Inc.** This is an original, unpublished drawing, created by Allen Industries, Inc. This drawing is submitted to you in confidence for your use solely in connection with the project being planned for you by Allen Industries, Inc. and is not to be shown to anyone outside your organization, nor used, reproduced, copied or exhibited in any fashion whatsoever. The designs shown on the drawing (except for any registered trademarks that may belong to a client of Allen Industries, Inc.) remain the property of Allen Industries, Inc.	
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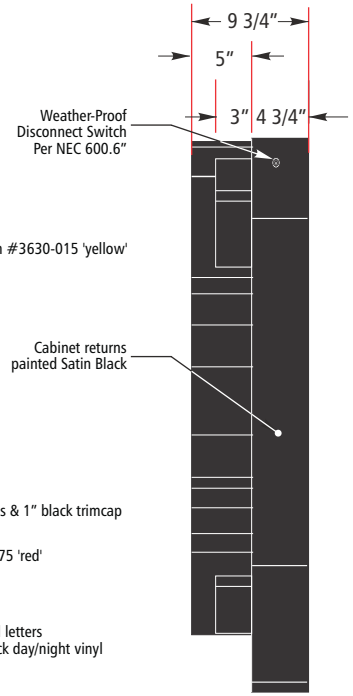
"All signage shall comply with the Sign Program for the Raising Cane's Restaurant, and the Master Sign Plan (MSP) for the Mil-Lake Plaza. Any sign element not specifically addressed in the Sign Program for the Raising Cane's Restaurant or the approved MSP for the Mil-Lake Plaza shall comply with the City sign requirements."

02 RAI-WS-AT-0408-C

CANE00xx • 4'x8' Wall Sign - trimless channel face



FACE VIEW
SCALE 3/4" = 1'



SIDE VIEW
SCALE 3/4" = 1'



NIGHT VIEW
SCALE: NTS

32.00
Square Footage

ELECTRICAL DATA	
VOLTAGE	120
AMPERAGE	1.1

COLOR CHART

- 3M #3630-15 'YELLOW'
- 3M #3630-73 'RED'
- 3M #3630-53 'CARDINAL RED'

Allen Industries FILE NUMBER: E212503 | Listed MET E212503 Electric Sign Complies with UL48 | THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF **ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE** AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN. | GROUNDED ELECTRICAL CONNECTIONS

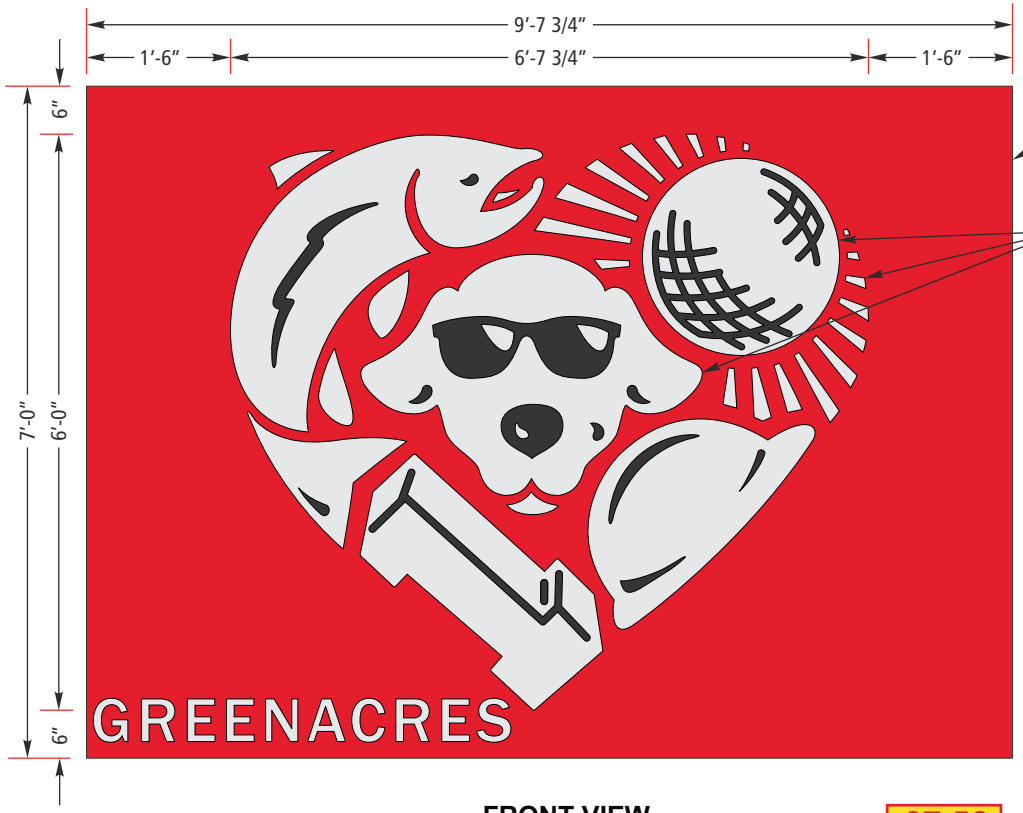
Raising Cane's Chicken Fingers	Location: Greenacres, FL	Date: 02/09/2026	
	Site ID: RC1503	Allen PM: Sina Palmquist	

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04 RAI-OLH001-06

CANE0023 • 6' 0" x 6' 7-3/4"routed alum Red Dog,fish, earth
1 graphic (attaches to 7'x 9' 7-3/4" painted alum. backer)



1/8" aluminum backer panel
Paint, MP 2075 'red'

1/8" precision routed aluminum with rear welded tap pads.
Attached to aluminum backer panel with #8ssph machine screws.
Paint, map 'brushed aluminum'
Opaque vinyl, 3m 7725-12 'black'

FRONT VIEW
SCALE 1/2" = 1'

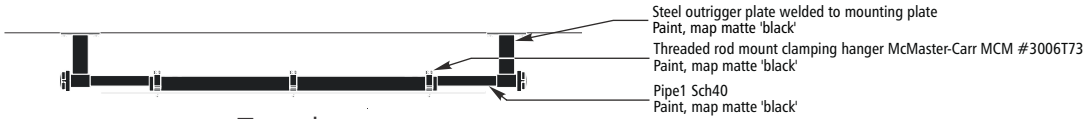
67.52
Square Footage

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	Site ID: RC1503	Allen PM: Sina Palmquist			Allen Industries YOUR BRAND AT ITS BEST™

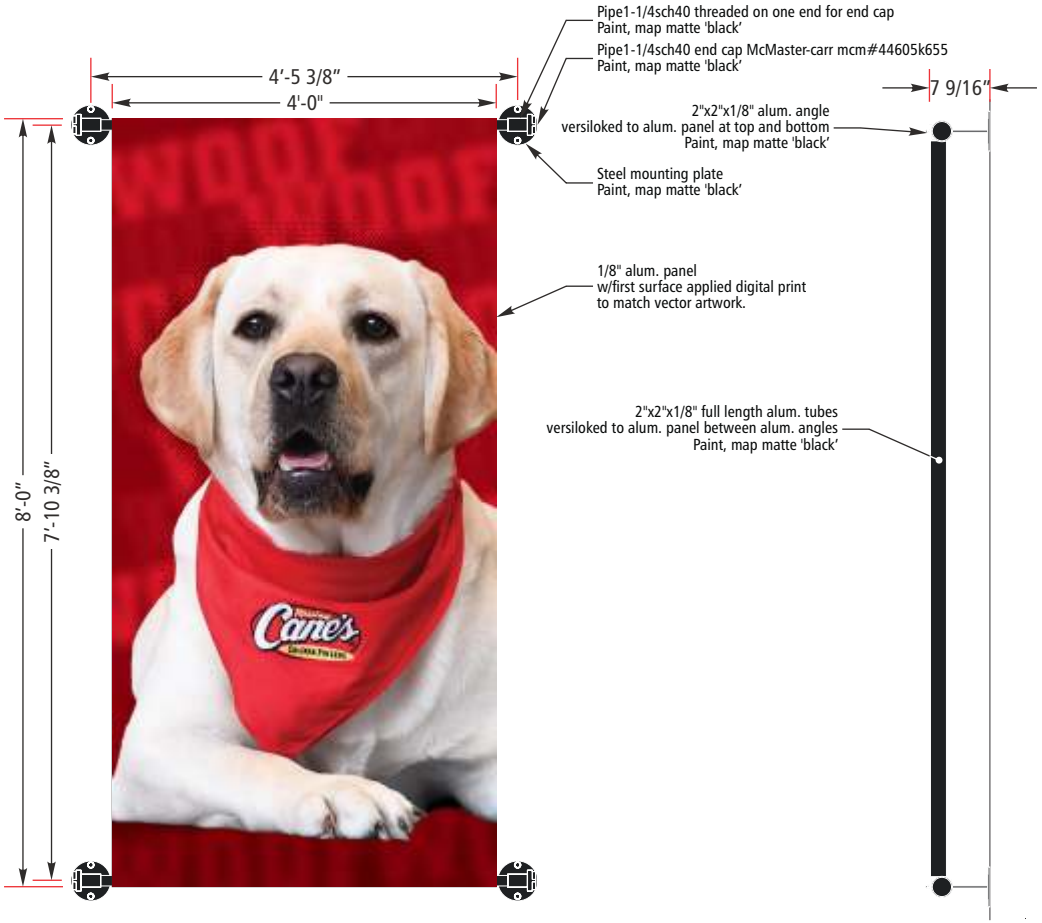
05 RAI-BAN001-D-R

Cane0018 • red dog wall sign
digital print (mounted to .090" backer/pipes to mount)

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Top view
SCALE 1/2" = 1'



FRONT VIEW
SCALE 1/2" = 1'

32.00
Square Footage

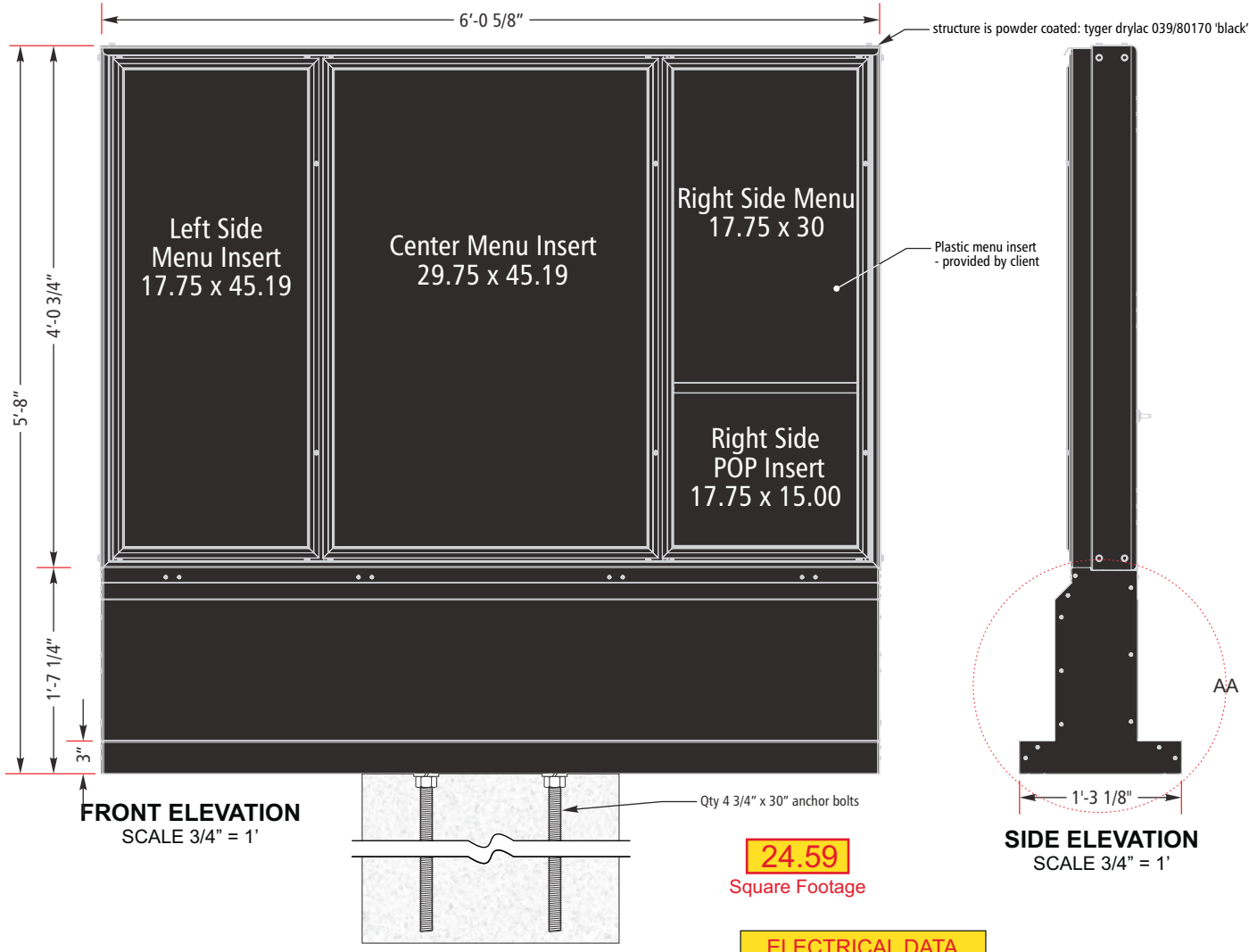
SIDE VIEW
SCALE 1/2" = 1'

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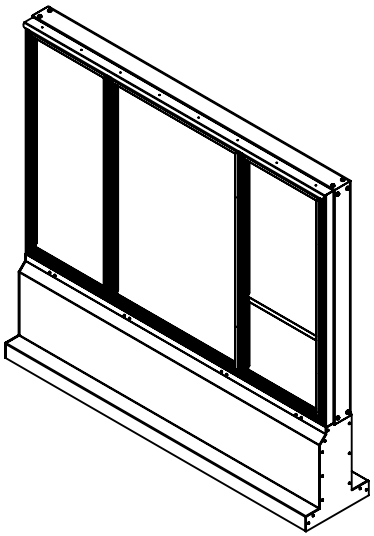
07 RAI-MB-RC

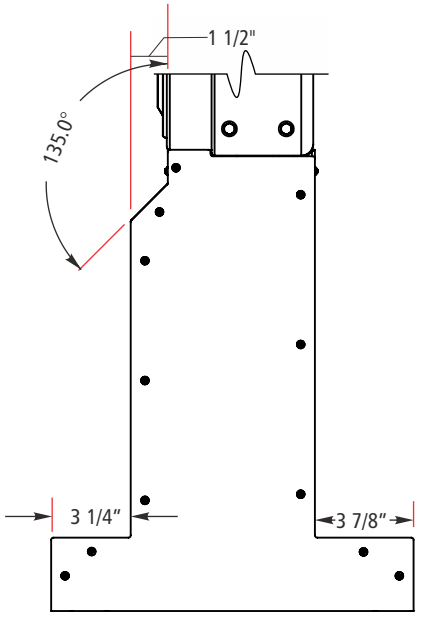
CANE0020 • 3 Panel Menu board 5' 11-1/2" x6'10-7/8"
w/ cladding base, door lock



FRONT ELEVATION
SCALE 3/4" = 1'

SIDE ELEVATION
SCALE 3/4" = 1'





SECTION A-A
SALE 3/4" = 1'

24.59
Square Footage

ELECTRICAL DATA	
VOLTAGE	120
AMPERAGE	2.4

Allen Industries FILE NUMBER: E212503 | Listed MET E212503 Electric Sign Complies with UL48 | THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF **ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE** AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN. | GROUNDED ELECTRICAL CONNECTIONS

Raising Cane's Chicken Fingers

Location: Greenacres, FL | Date: 02/09/2026

Site ID: RC1503 | Allen PM: Sina Palmquist

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NOT FOR CONSTRUCTION - FOR PERMIT ONLY

ENGINEERING PLANS

GOVERNMENT/UTILITY CONTACTS

PLANNING & ZONING AUTHORITY CONTACT: GIONNI GALLIER	PLANNING, ENGINEERING, & GIS DIVISION 5800 MELALEUCA LANE GREENACRES, FL 33463 561-642-2046 GGALLIER@GREENACRESFL.GOV
SIGNAGE AUTHORITY CONTACT: MILLIE RIVERA	PLANNING, ENGINEERING, & GIS DIVISION 5800 MELALEUCA LANE GREENACRES, FL 33463 561-790-6182 MRIVERA@GREENACRESFL.GOV
BUILDING DEPARTMENT AUTHORITY CONTACT: JENNIFER BEAMS	BUILDING DIVISION CITY OF GREENACRES 5800 MELALEUCA LANE GREENACRES, FL 33463 561-642-2059 JBEAMS@GREENACRESFL.GOV GROUPBLG@GREENACRESFL.GOV
FIRE AUTHORITY CONTACT: MIGUEL ALEMAN	GREENACRES FIRE RESCUE CITY OF GREENACRES 2995 S JOG ROAD GREENACRES, FL 33467 561-642-2141 MALEMAN@GREENACRESFL.GOV
HEALTH AUTHORITY CONTACT: JAY HARDMAN, P.E.	FLORIDA DEPARTMENT OF HEALTH (FDOH) 800 CLEMATIS STREET, 4TH FLOOR WEST PALM BEACH, FLORIDA 33402 561-837-5958 HENRY.HARDMAN@FLHEALTH.GOV
TRAFFIC AUTHORITY CONTACT: ROYA EDWARDS	FDOT DISTRICT 4 CONSULTANT 3400 WEST COMMERCIAL BLVD FORT LAUDERDALE, FL 33309-3421 954-777-4363 D4ACCESSMANAGEMENT@DOT.STATE.FL.US
TRAFFIC AUTHORITY CONTACT: MOSHIUR RAHMAN	PALM BEACH COUNTY TRAFFIC DIVISION 2300 NORTH JOG ROAD, 3RD FLOOR WEST PALM BEACH, FLORIDA 33411 561-478-5755 MRAHMAN@PBC.GOV
ENGINEERING AUTHORITY CONTACT: MILLIE RIVERA	PLANNING, ENGINEERING, & GIS DIVISION 5800 MELALEUCA LANE GREENACRES, FL 33463 561-790-6182 MRIVERA@GREENACRESFL.GOV
STORM SEWER AUTHORITY CONTACT: BARBARA CONMY	SOUTH FLORIDA WATER MANAGEMENT DISTRICT BCONMY@SFWMD.GOV PERMITS@SFWMD.GOV
SANITARY SEWER AUTHORITY CONTACT: KATHERINE CARICCHIO	PALM BEACH COUNTY WATER UTILITIES DISTRICT 8100 FOREST HILL BLVD WEST PALM BEACH, FL 33413 KCARICCHIO@PBCWATER.COM
WATER AUTHORITY CONTACT: KATHERINE CARICCHIO	PALM BEACH COUNTY WATER UTILITIES DISTRICT 8100 FOREST HILL BLVD WEST PALM BEACH, FL 33413 KCARICCHIO@PBCWATER.COM
GAS PROVIDER CONTACT: IVAN GIBBS	FLORIDA PUBLIC UTILITIES/CHESAPEAKE UTILITIES CORPORATION 561-723-3459 IGIBBS@CHPK.COM
TELEPHONE AUTHORITY CONTACT: DAMIEN	COMCAST 800-391-3000
ELECTRIC AUTHORITY CONTACT: JULIA ST HILAIRE	FLORIDA POWER AND LIGHT 561-236-4858 JULIA.STHILAIRE@FPL.COM

PLANS SUBMITTAL/REVIEW LOG

NO.	DESCRIPTION	DATE	MILESTONE
1	CITY OF GREENACRES - ENTITLEMENTS	9/22/2025	SPECIAL EXCEPTIONS
1	CITY OF GREENACRES - ENTITLEMENTS	9/22/2025	SITE & DEVELOPMENT
2	CITY OF GREENACRES - ENTITLEMENTS	12/05/2025	SPECIAL EXCEPTIONS
2	CITY OF GREENACRES - ENTITLEMENTS	12/05/2025	SITE & DEVELOPMENT
3	CITY OF GREENACRES - ENTITLEMENTS	04/03/2026	SPECIAL EXCEPTIONS
3	CITY OF GREENACRES - ENTITLEMENTS	04/03/2026	SITE & DEVELOPMENT
4	CITY OF GREENACRES - ENTITLEMENTS	04/27/2026	SPECIAL EXCEPTIONS
4	CITY OF GREENACRES - ENTITLEMENTS	04/27/2026	SITE & DEVELOPMENT

ENGINEER

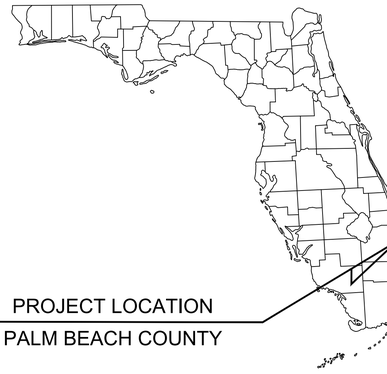
Kimley»Horn

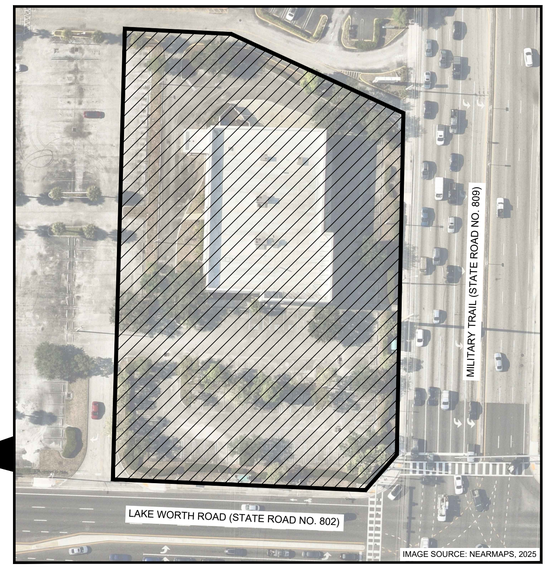
8201 PETERS ROAD
SUITE 2200
PLANTATION, FLORIDA 33324
(P) 954-535-5100
CONTACT: JOHN L. CORDASCO, P.E.
JOHN.CORDASCO@KIMLEY-HORN.COM

OWNER/DEVELOPER

RAISING CANES RESTAURANT, LLC
6800 BISHOP ROAD
PLANO, TX 75024
(P) 423-807-0008
CONTACT: SARAH HOLMES
SHOLMES13@RAISINGCANES.COM

RESTAURANT # 1503
3969 S MILITARY TRAIL
GREENACRES, FL 33463
SECTION: 24 TWP: 44S RANGE: 42E





SITE LOCATION MAP
(NOT TO SCALE)

PLAN SHEET NOTES:
1. IF REPRODUCED, THE SCALES SHOWN ON THESE PLANS ARE BASED ON A 24" X 36" SHEET.

LEGAL DESCRIPTION:
PARCEL 1:
PARCEL A OF "MIL-LAKE CVS", ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 106, PAGE 1 OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.
SAID LANDS LYING AND BEING IN THE CITY OF GREENACRES, PALM BEACH COUNTY, FLORIDA AND CONTAINING 69,219 SQUARE FEET (1.589 ACRES), MORE OR LESS.
PARCEL 2:
TOGETHER WITH EASEMENT RIGHTS DESCRIBED IN THAT CERTAIN CROSS EASEMENT AGREEMENT BETWEEN WALGREEN CO., AN ILLINOIS CORPORATION, DOING BUSINESS IN THE STATE OF FLORIDA, INTER ALIA, AS WAGS AND DAIRELL J. SNAPP AND ANNA E. SNAPP DOING BUSINESS AS VIDA PROPERTIES, DOING BUSINESS IN THE STATE OF FLORIDA AS MIL/LAKE PLAZA SHOPPING CENTER, DATED JUNE 10, 1981, RECORDED JULY 13, 1981 IN BOOK 3559, PAGE 1353, OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.
PARCEL 3:
TOGETHER WITH EASEMENT RIGHTS DESCRIBED IN THAT CERTAIN RECIPROCAL AGREEMENT BY AND BETWEEN DEL VISO LLC AND CVS 5975 FL LLC RECORDED APRIL 21, 2004 IN BOOK 16839 PAGE 446, OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.

FIRE FLOW NOTES:
THE REQUIRED TOTAL FIRE FLOW IS 550 GPM:
A. THE KITCHEN FALLS UNDER ORDINARY HAZARD GROUP 2 AND THEREFORE REQUIRES 250 GPM (PER NFPA 13, 2019 EDITION TABLE 19.2.3.1.2 FOR HOSE ALLOWANCE)
B. IT IS REQUIRED TO PROVIDE DEMAND FOR 1500 SF OF COVERAGE (PER NFPA 13, 2019 EDITION TABLE 19.2.3.1.1)
C. ORDINARY HAZARD GROUP 2 REQUIRES A DENSITY OF 0.2 GPM/SF OR 300 GPM
D. REFERENCE FIRE FLOW RESULTS FROM SPRINKLERMATIC FIRE PROTECTION SYSTEMS, INC., DATED JUNE 25, 2025
STATIC PRESSURE: 55 PSI
RESIDUAL PRESSURE: 50 PSI
20 PSI RESIDUAL FLOW: 3035GPM
E. THE PROPOSED BUILDING SHALL BE FULLY SPRINKLERED PER NFPA 13, 2019 EDITION AND MONITORED FIRE ALARMS PER NFPA 72.

FIRE FLOW CALCULATIONS					
SYSTEM DEMAND	DENSITY (GPM/SF)	AREA (SF)	TOTAL SYSTEM (GPM)	HOSE ALLOWANCE (GPM)	TOTAL GPM FOR SYSTEM
ORDINARY 2	0.2000	1500	300	250	550

FIRE FLOW RESULTS - PERFORMED BY SPRINKLERMATIC ON 06/25/2025		
FLOW HYDRANTS	A1*	A2*
SIZE OPENING	2.5	2.5
COEFFICIENT	0.9	0.9
PITOT READING	40	
TOTAL FLOW (GPM)	1061	

FIRE FLOW RESULTS:
1. FIRE HYDRANT FLOW TEST AND REPORT WAS PERFORMED BY SPRINKLERMATIC, DATED 06/25/2025.
2. TOTAL FLOW DURING TEST = 1061 GPM
3. STATIC READING = 55 PSI
4. RESIDUAL = 50 PSI
5. AT 20 PSI RESIDUAL = 3035 GPM
6. AT 0 PSI RESIDUAL = 3874 GPM
7. ESTIMATED CONSUMPTION = 5306 GAL

* LOCATIONS OF HYDRANTS TESTED FOR A1 AND A2 CAN BE SEEN ON SHEET C-701 - FIRE HYDRANT LOCATIONS PLAN

MAY 2026

SHEET LIST TABLE		
SHEET NUMBER	SHEET TITLE	REVISION #
C-001	COVER SHEET	1, 2, 3
SP-1	ZONING SITE PLAN	2, 3
SP-2	ZONING SITE PLAN DETAILS	2, 3
SP-3	ZONING SITE PLAN DETAILS	1
C-002	ALTA SURVEY	1
C-003	SURVEY PLAT	
C-004	GENERAL NOTES	
C-100	DEMOLITION PLAN	1, 2
C-200	EROSION CONTROL PLAN	1, 2, 3
C-201	EROSION CONTROL DETAILS	1
C-202	CONSTRUCTION STAGING PLAN	1
C-300	SITE KEY NOTE PLAN	1, 2, 3
C-301	DIMENSION CONTROL PLAN	1, 2, 3
MP-1	MASTER PLAN	1, 2, 3
C-303	STRIPING & SIGNAGE PLAN	1
C-304	PAVING & JOINT LAYOUT PLAN	1
C-400	GRADING PLAN	1, 2, 3
C-401	TYPICAL SECTIONS	1, 2, 3
C-402	DRAINAGE PLAN	1, 2, 3
C-403	DRAINAGE PLAN - INSET	1, 2, 3
C-500	UTILITY PLAN	1, 2, 3
C-501	UTILITY PLAN - INSET	1, 2, 3
C-600	CONSTRUCTION DETAILS	1, 3
C-601	CONSTRUCTION DETAILS	1
C-602	CONSTRUCTION DETAILS	
C-603	CONSTRUCTION DETAILS	
C-604	PBCWUD POTABLE WATER DETAILS	
C-605	PBCWUD POTABLE WATER DETAILS	1
C-606	PBCWUD POTABLE WATER DETAILS	
C-607	PBCWUD POTABLE WATER DETAILS	
C-608	PBCWUD POTABLE WATER DETAILS	
C-609	PBCWUD WASTERWATER DETAILS	
C-610	PBCWUD WASTERWATER DETAILS	
C-700	FIRE ACCESS PLAN	1, 2, 3
C-701	FIRE HYDRANT LOCATIONS PLAN	1, 2, 3
P-000	PHOTOMETRIC PLAN	1, 2
P-100	PHOTOMETRIC DETAILS	1
P-101	PHOTOMETRIC DETAILS	1

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
PALM BEACH COUNTY BENCHMARK T-BEAR; ELEVATION: 16.258 FEET
AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

ELEVATIONS

PLANS ARE IN NAVD88 DATUM. CONVERSION EQUATION IS BELOW:
(NAVD88) + 1.531' = (NGVD29)

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203;
PANEL #12099C0776F; MAP DATE: 10/05/2017

GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

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3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

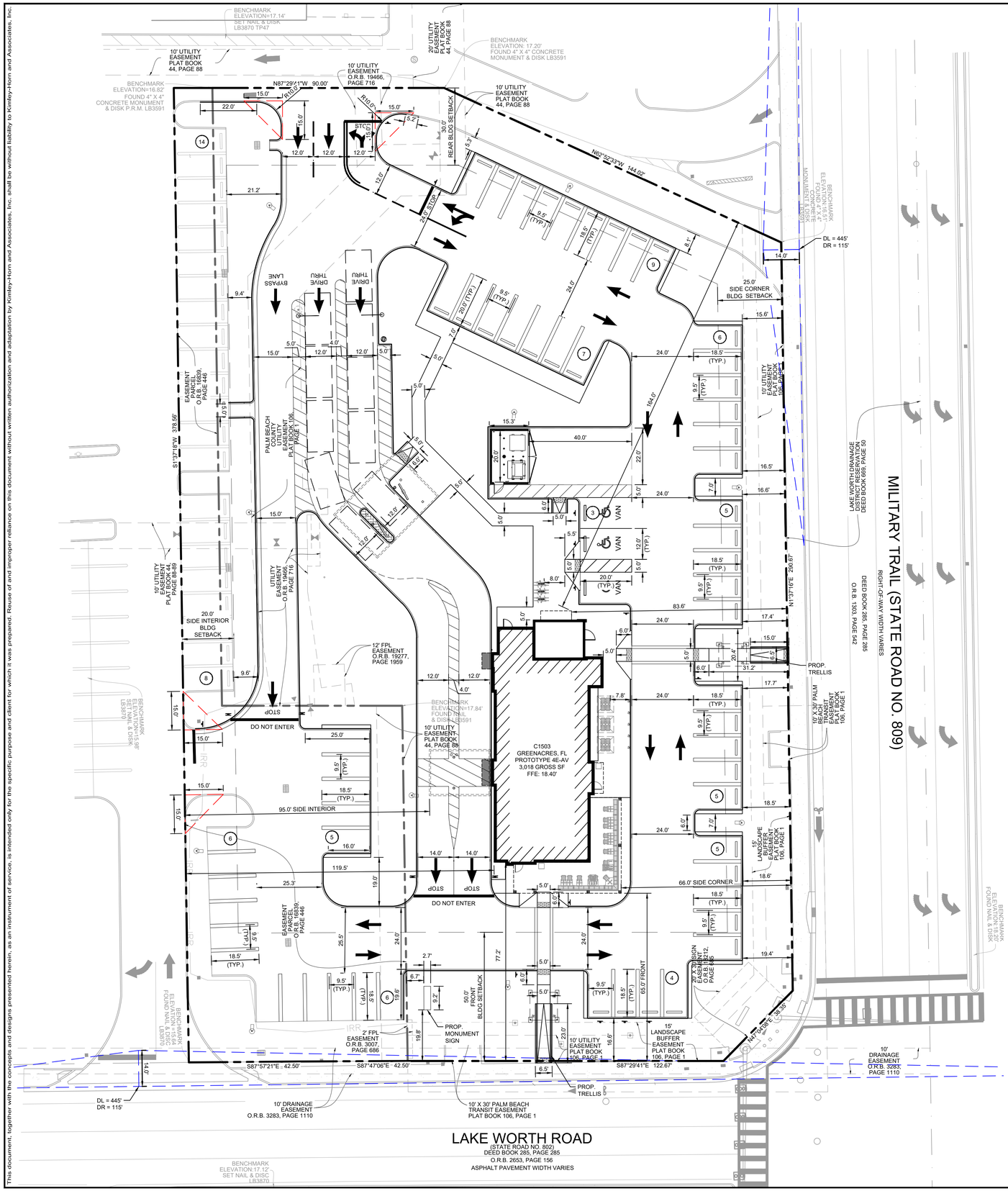
COVER SHEET

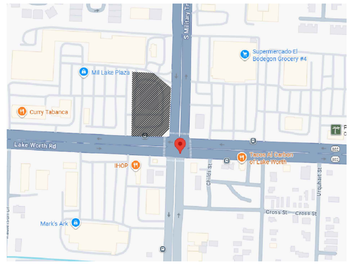
RAISING CANE'S RESTAURANT #1503
CITY OF GREENACRES FL

SHEET NUMBER C-001

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: C-001 COVER SHEET May 18, 2026 04:28:39pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\C-COVR.dwg
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SITE LOCATION MAP
(NOT TO SCALE)

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

LEGEND

- SITE AREA BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- SETBACK/SEPARATION
- CITY OF GREENACRES SIGHT TRIANGLE (15'X15')
- FDOT SIGHT DISTANCE AT INTERSECTIONS (DL = 445' / DR = 115')
- (#) PROPOSED PARKING COUNT
- PROPOSED LIGHT POLE
- 10'X20' DRIVE-THRU QUEUE PLACEHOLDER AND POSITION COUNT (10 TOTAL) PER CITY OF GREENACRES

SITE DATA

PARCEL A OF "MIL-LAKE CVS"

PARCEL CONTROL NO. (PCN)	18-42-44-24-38-001-0000
EXISTING LAND USE DESIGNATION	CM - COMMERCIAL
EXISTING ZONING	CI-COMMERCIAL INTENSIVE
EXISTING USE	SMALL DISCOUNT STORE
PROPOSED USE	RESTAURANT W/ DRIVE-THRU
TOTAL SITE AREA	84,571 SF / 1.94 AC
GROSS BUILDING AREA	3,018 GROSS SF
PROPOSED BUILDING TYPE	V-B
PROPOSED PATIO AREA	812 SF
PROPOSED CORRAL AREA	285 SF
PROPOSED ROOF AREA	3,273 SF
BUILDING TOTAL AREA	3,558 SF
FLOOR AREA RATIO (FAR)	0.036 (3.6%)

IMPERVIOUS VS PERVIOUS AREA (PCD BOUNDARY)

	EXISTING	PROPOSED
IMPERVIOUS (SF)	60,583	53,032
PERVIOUS (SF)	23,988	31,539

BUILDING HEIGHT (CI-ZONING DISTRICT)

	MAXIMUM	PROPOSED
BUILDING HEIGHT	35'	22'-0" [4]

HOURS OF OPERATIONS[3]

OPEN	9:00 AM
CLOSE	3:30 AM

ESTIMATED OCCUPANCY

INDOOR (FBC)	104

EMPLOYEES AND SEATING

NUMBER OF EMPLOYEES	8
INTERIOR SEATING	72
EXTERIOR PATIO SEATING	41
TOTAL SEATING	113

PARKING TABLE

	REQUIRED	PROPOSED
STANDARD PARKING	38 SPACES	80 SPACES
ACCESSIBLE	2 SPACES	3 SPACES
TOTAL PARKING	38 SPACES	83 SPACES[5]

BICYCLE PARKING

	REQUIRED	PROPOSED
BICYCLE PARKING (EACH)	5 SPACES	6 SPACES

NOTES:
1. PARKING REQUIRED FOR DRIVE-THRU RESTAURANT IS 1 SPACE PER 3 PERSONS NORMALLY ACCOMMODATED, AND BICYCLE PARKING SPACES REQUIRED IS 1 SPACE PER 20 VEHICULAR PARKING SPACES - OR A MINIMUM OF 5 BICYCLE PARKING SPACES, PER PRE-DEVELOPMENT REPORT PROVIDED BY CDS, DATED 06/27/2025.
2. DELIVERIES TO OCCUR ONLY DURING RESTAURANT'S NON-OPERATING HOURS (BEFORE OPENING AND/OR AFTER CLOSING).
3. OPERATIONAL HOURS CONSIDER DRIVE THRU ALONG WITH INDOOR AND OUTDOOR DINING.
4. HEIGHT MEASURED IS FROM GROUND LEVEL TO TOP-OF-TOWER.
5. SHARED PARKING ALONG THE WEST OF THE SITE IS INCLUDED IN THE CALCULATION AND ALSO AVAILABLE TO SERVE THE SITE - AS PART OF THE MIL/LAKE PLAZA SHOPPING CENTER
6. FDOT SIGHT DISTANCE AT INTERSECTIONS ARE FOR REFERENCE AT DRIVEWAYS CONNECTING TO FDOT ROADS. THE DRIVEWAYS ALONG LAKE WORTH ROAD & MILITARY TRAIL SHALL NOT BE MODIFIED. VISIBILITY DISTANCES AND DIMENSIONS ARE PER FDOT EXHIBIT 212-7 FROM THE FDOT DESIGN MANUAL (01/01/2026) TOPIC #625-000-002 FOR DESIGN SPEED 45 MPH.
7. REFER TO SHEET SP-2 FOR ZONING SITE PLAN DETAILS.

MSP NOTE:
1. ALL SIGNAGE SHALL COMPLY WITH THE SIGN PROGRAM FOR THE RAISING CANE'S RESTAURANT, AND THE MASTER SIGN PLAN (MSP) FOR THE MIL-LAKE PLAZA. ANY SIGN ELEMENT NOT SPECIFICALLY ADDRESSED IN THE SIGN PROGRAM FOR THE RAISING CANE'S RESTAURANT OR THE APPROVED MSP FOR THE MIL-LAKE PLAZA SHALL COMPLY WITH THE CITY SIGN REQUIREMENTS.

ZONING COMPLIANCE NOTES:
1. OUTDOOR SEATING SHALL COMPLY WITH ALL BUILDING, FIRE, AND APPLICABLE SAFETY CODE REQUIREMENTS.
2. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

SIGN REGULATION NOTE:
1. ALL PROPOSED SIGNAGE SHALL COMPLY WITH THE APPROVED MASTER SIGN PLAN (MSP) AND ANY SIGN ELEMENT NOT SPECIFICALLY ADDRESSED IN THE APPROVED MSP SHALL COMPLY WITH THE CITY SIGNAGE REQUIREMENTS.

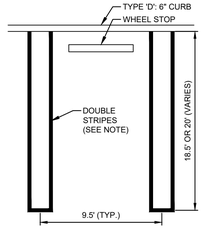
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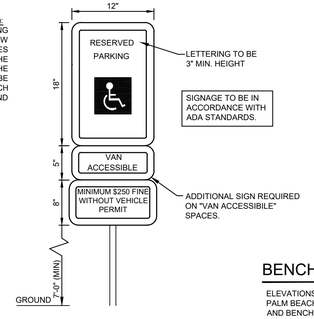
DEVELOPMENT REGULATIONS

ZONING DISTRICT (CI)	MAX. FAR	MAX. BLDG. COVER	MAX. BLDG. HEIGHT	SETBACKS / SEPARATIONS			
				FRONT	SIDE INTERIOR	SIDE CORNER	REAR
REQUIRED	0.35	0.30	35'	50'	20'	25'	30'
PROVIDED (SEE NOTE 1)	0.25	0.26	22'	65'	95'	66'	164'

DEVELOPMENT REGULATIONS NOTE:
1. DIMENSIONS LISTED IN THE DEVELOPMENT REGULATIONS TABLE UNDER 'PROVIDED SEPARATIONS' ARE DISTANCES DEPICTED FROM THE SITE BOUNDARY TO THE NEAREST APPURTENANCE OF THE PROPOSED BUILDING.

STANDARD 90° PARKING STALL STRIPING - SEE DETAIL BELOW (N.T.S.):
1. PER CITY OF GREENACRES 16-335: FOR STANDARD 90° PARKING STALLS, THE WIDTH OF THE STRIPE SHALL BE PAINTED 4" YELLOW (THERMOPLASTIC), THE SEPARATION BETWEEN THE TWO STRIPES SHALL BE 12" AND THE SEPARATION SHALL BE CENTERED ON THE ASSUMED DIVIDING LINE BETWEEN THE PARKING SPACES. THE ENDS OF THE STRIPES AT THE DRIVING AISLE SHALL BE CONNECTED BY A STRAIGHT (I.E. PERPENDICULAR) FOUR-INCH STRIPE. STRIPING IS REQUIRED ADJACENT TO CURBING AND SHALL BE MARKED WITH A SINGLE 4" STRIPE.





ADA SIGN DETAIL
N.T.S.

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T-BEAR, ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

GROUNDWATER / DEWATERING NOTE:

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KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
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DRAWN BY BVT
CHECKED BY JLC

ZONING SITE PLAN

RAISING CANE'S RESTAURANT #1503

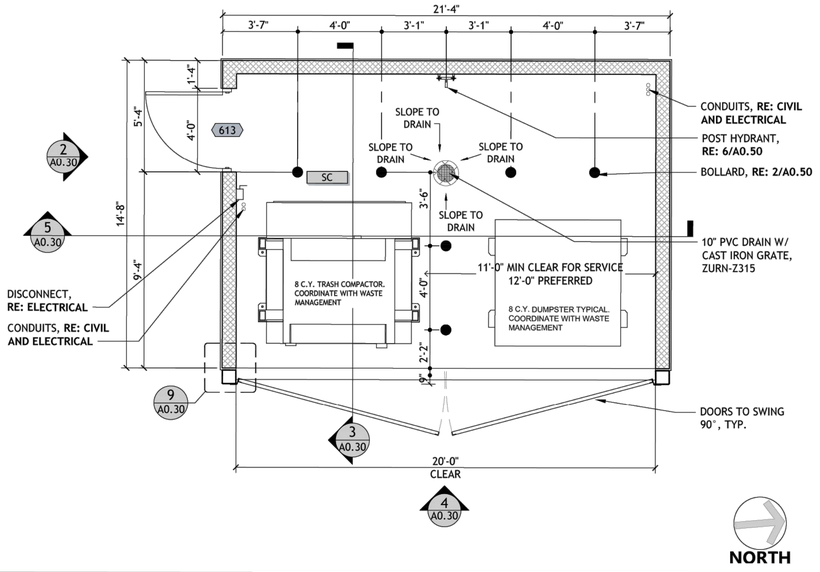
CITY OF GREENACRES FL

SHEET NUMBER SP-1

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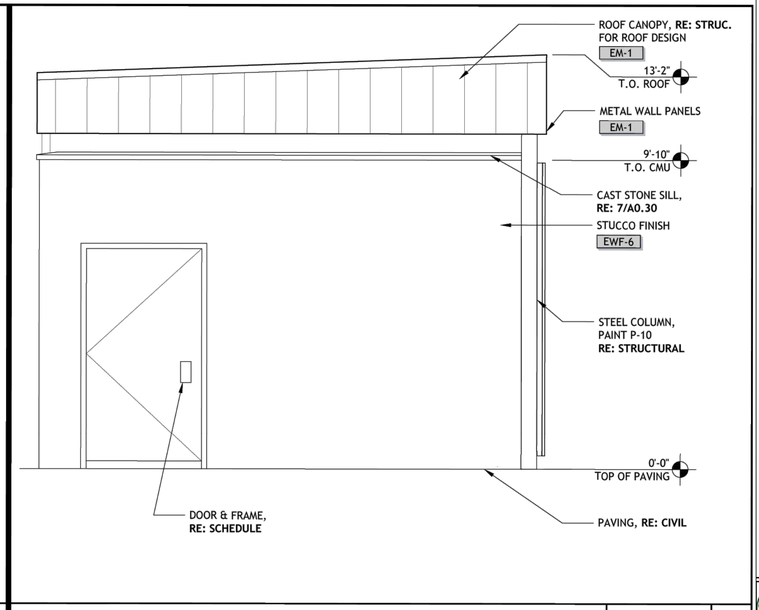
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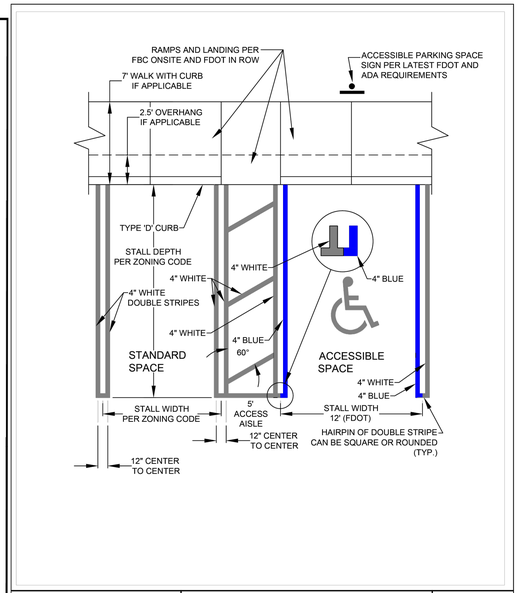
TRASH ENCLOSURE PLAN

1/4" = 1'-0" | 1



TRASH ENCLOSURE SIDE ELEVATION

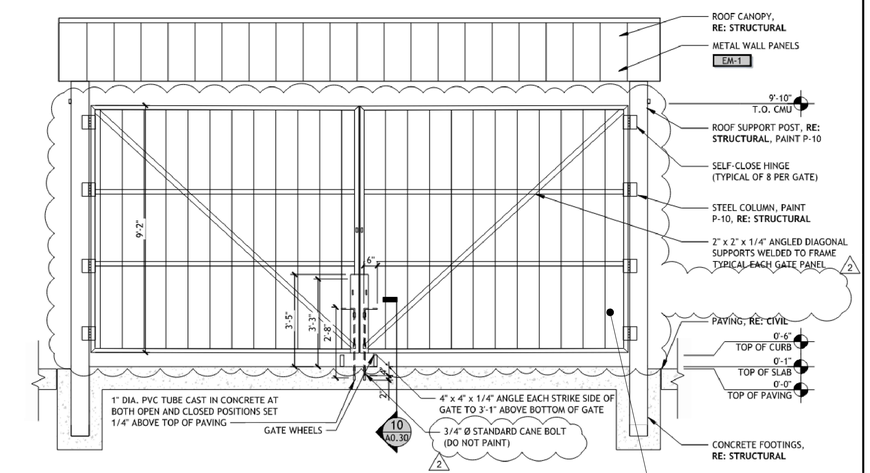
3/8" = 1'-0" | 2



CITY OF GREENACRES PLANNING, GIS, AND ENGINEERING DIVISION 5800 MELALEUCA LANE GREENACRES FL, 33463 561-642-2054

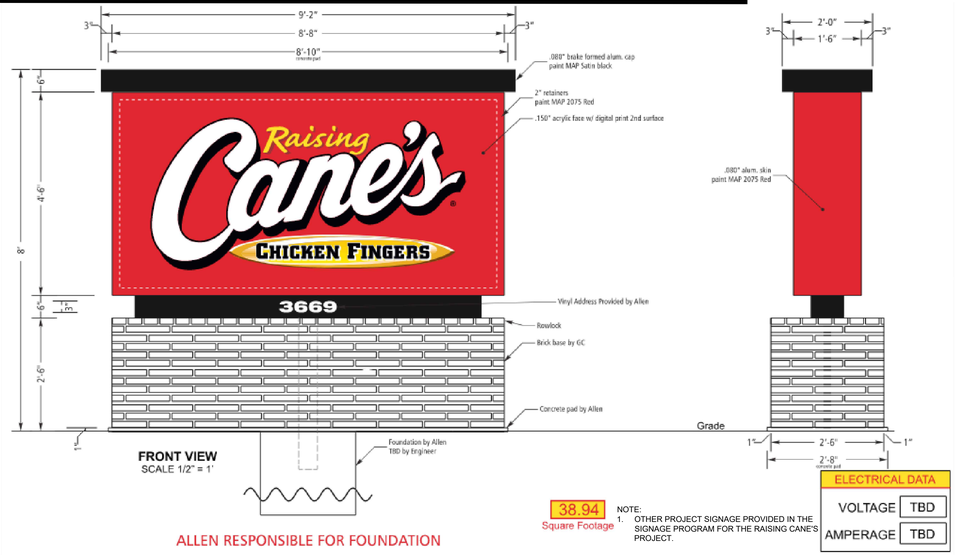
PARKING SPACE PAVEMENT MARKING DETAIL

PM-100
ISSUED FEB. 2022



ENCLOSURE GATE ELEVATION

3/8" = 1'-0"

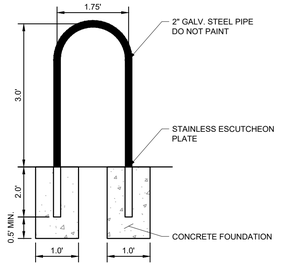


38.94 Square Footage

NOTE:
1. OTHER PROJECT SIGNAGE PROVIDED IN THE SIGNAGE PROGRAM FOR THE RAISING CANE'S PROJECT.

ALLEN RESPONSIBLE FOR FOUNDATION

FREESTANDING MONUMENT SIGN DETAIL



INVERTED "U" BICYCLE RACK DETAIL

N.T.S.

PER CITY OF GREENACRES 16-335(21)
REQUIRED AT PALM BEACH COUNTY BUS SHELTERS

DETAILS NOTES:

1. TRASH ENCLOSURE & MONUMENT SIGN DETAILS DEPICTED ABOVE ARE FOR REFERENCE ONLY.
2. TRASH ENCLOSURE & MONUMENT SIGN DETAILS ARE PROVIDED BY OTHERS. PLEASE REFER TO THE ARCHITECTURAL PLANS AND SIGNAGE PLANS FOR DETAILS.

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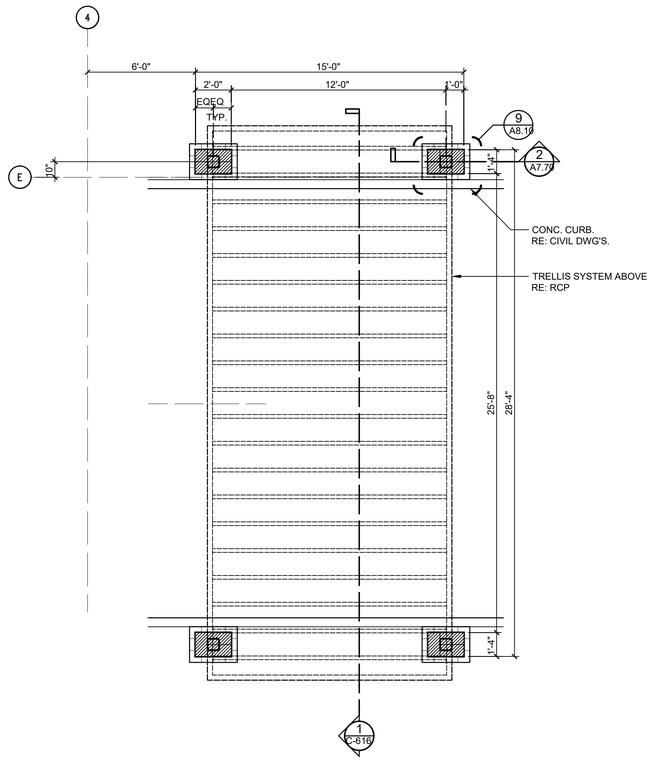
KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

ZONING SITE PLAN DETAILS

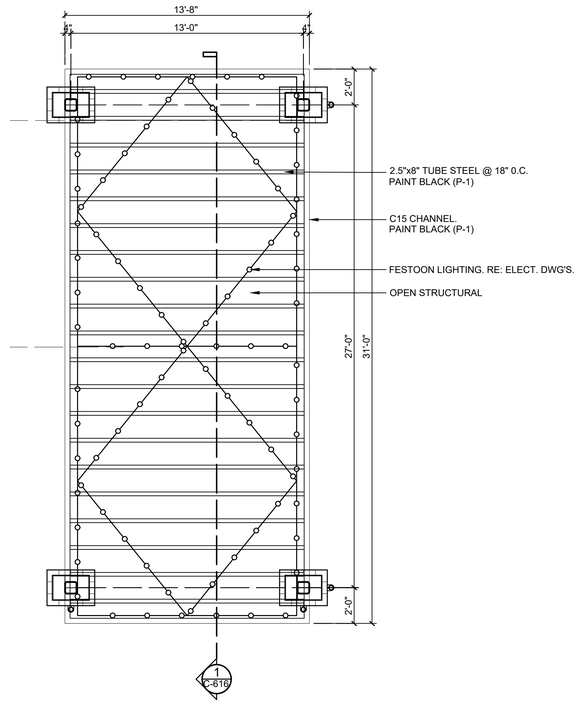
RAISING CANE'S RESTAURANT #1503 FL
CITY OF GREENACRES

SHEET NUMBER
SP-2

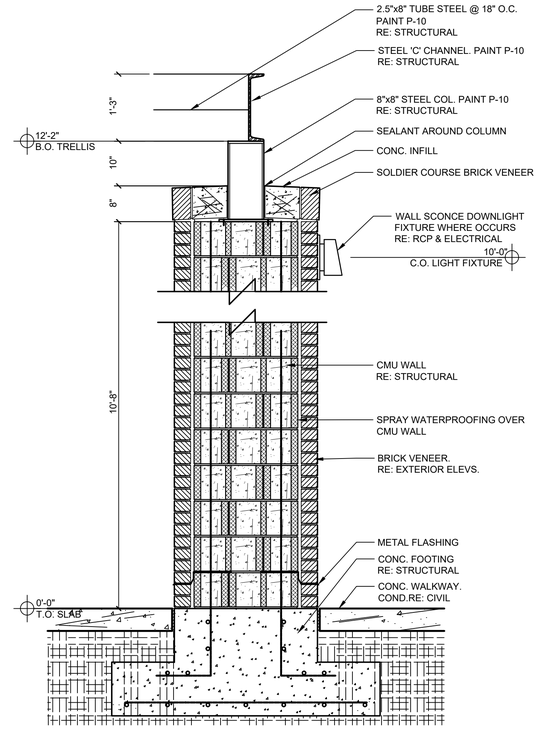
NOT FOR CONSTRUCTION - FOR PERMIT ONLY



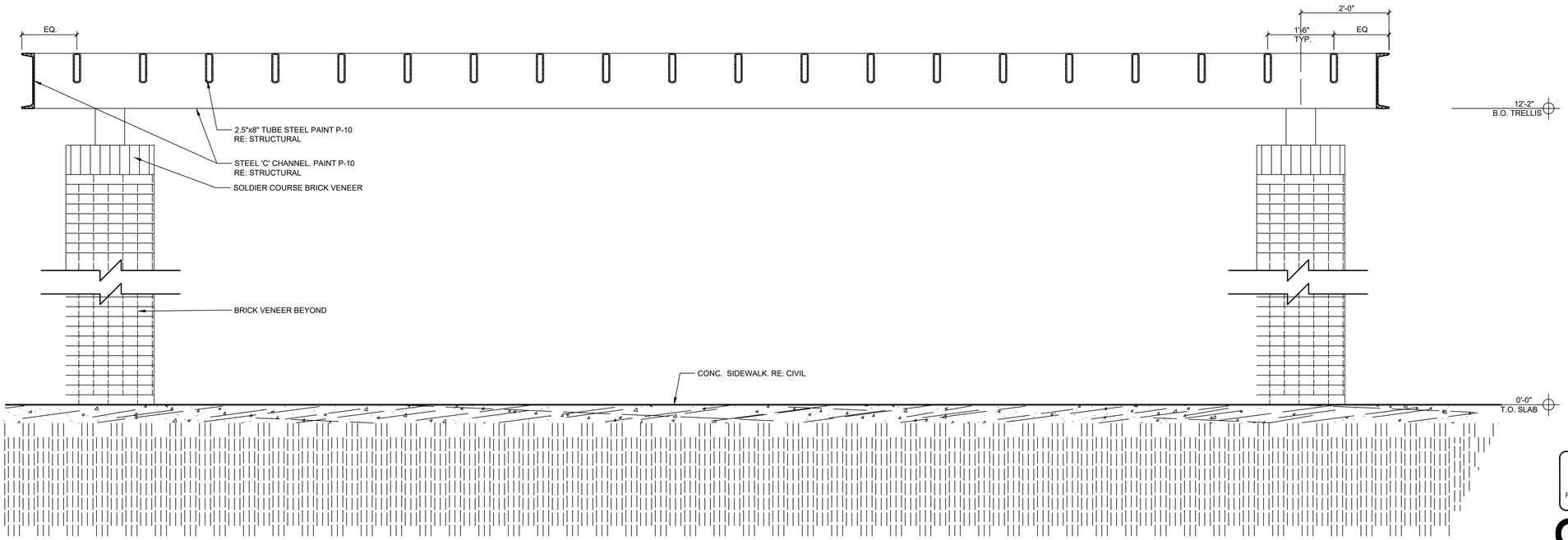
PEDESTRIAN CANOPY PLAN VIEW
N.T.S



PEDESTRIAN CANOPY
REFLECTED CEILING PLAN
N.T.S



WALL SECTION AT TRELLIS
N.T.S



1. WALL SECTION AT TRELLIS
N.T.S

NOTE: STRUCTURAL DETAILS WILL BE PROVIDED VIA A SEPARATE PLAN SET AT BUILDING PERMIT SUBMISSION.

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's **below.** **Call** before you dig.

WUD#26-510

CAUTION!!

CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

Kimley»Horn

© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

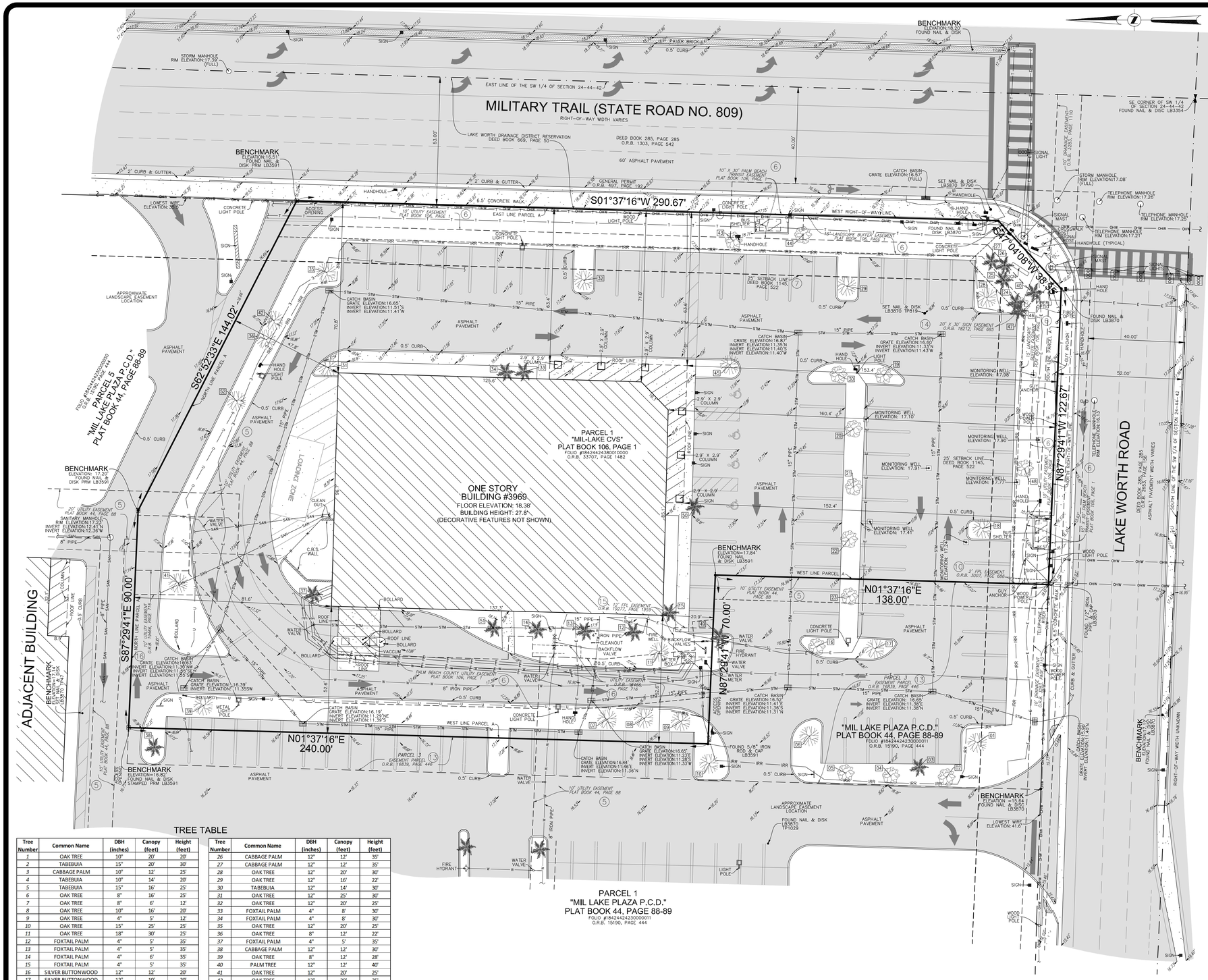
ZONING SITE PLAN DETAILS

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
SP-3

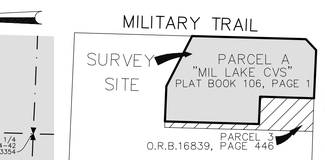
Plotted By:Jones, Ranja Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH Layout:SP-3 ZONING SITE PLAN DETAILS May 18, 2026 04:29:49pm K:\FTL_Civil\147 obs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\SP - SITE PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



TREE TABLE

Tree Number	Common Name	DBH (inches)	Canopy (feet)	Height (feet)
1	OAK TREE	10"	20'	20'
2	TABEBUIA	15"	20'	30'
3	CABBAGE PALM	10"	12'	25'
4	TABEBUIA	10"	14'	20'
5	TABEBUIA	15"	16'	25'
6	OAK TREE	8"	16'	25'
7	OAK TREE	8"	6'	12'
8	OAK TREE	10"	16'	20'
9	OAK TREE	4"	5'	12'
10	OAK TREE	15"	25'	25'
11	OAK TREE	18"	30'	25'
12	FOXTAIL PALM	4"	5'	35'
13	FOXTAIL PALM	4"	5'	35'
14	FOXTAIL PALM	4"	6'	35'
15	FOXTAIL PALM	4"	5'	35'
16	SILVER BUTTONWOOD	12"	12'	20'
17	SILVER BUTTONWOOD	12"	10'	20'
18	OAK TREE	12"	20'	25'
19	SILVER BUTTONWOOD	12"	16'	22'
20	TABEBUIA	12"	12'	22'
21	TABEBUIA	12"	20'	25'
22	TABEBUIA	12"	16'	25'
23	TABEBUIA	12"	20'	25'
24	CABBAGE PALM	12"	12'	40'
25	CABBAGE PALM	12"	12'	35'

Tree Number	Common Name	DBH (inches)	Canopy (feet)	Height (feet)
26	CABBAGE PALM	12"	12'	35'
27	CABBAGE PALM	12"	12'	35'
28	OAK TREE	12"	20'	30'
29	OAK TREE	12"	16'	22'
30	TABEBUIA	12"	14'	30'
31	OAK TREE	12"	25'	30'
32	OAK TREE	12"	20'	25'
33	FOXTAIL PALM	4"	8'	30'
34	FOXTAIL PALM	4"	8'	30'
35	OAK TREE	12"	20'	25'
36	OAK TREE	8"	12'	22'
37	FOXTAIL PALM	4"	5'	35'
38	CABBAGE PALM	12"	12'	30'
39	OAK TREE	8"	12'	28'
40	PALM TREE	12"	12'	40'
41	OAK TREE	12"	20'	25'
42	OAK TREE	12"	20'	25'
43	TABEBUIA	15"	18'	25'
44	TABEBUIA	10"	14'	22'
45	OAK TREE	15"	20'	25'
46	GUMBO LIMBO	4"	6'	15'
47	CABBAGE PALM	12"	6'	14'
48	TABEBUIA	15"	14'	25'
49	CABBAGE PALM	18"	10'	20'
50	CABBAGE PALM	18"	12'	20'
51	PALM TREE	-	-	-
52	OAK TREE	12"	18'	22'



VICINITY MAP
NOT TO SCALE

LEGEND

	CONCRETE
	ASPHALT PAVEMENT
70.00'	ELEVATION
OHW	OVERHEAD WIRES
STM	UNDERGROUND STORM SEWER LINE
SAN	UNDERGROUND SANITARY SEWER LINE
E	UNDERGROUND ELECTRIC LINE
T	UNDERGROUND TELEPHONE LINE
W	UNDERGROUND WATER LINE
U	UNDERGROUND UNKNOWN LINE
IRR	UNDERGROUND IRRIGATION WATER LINE
℄	CENTERLINE
O.R.B.	OFFICIAL RECORDS BOOK
TP	TRAVERSE POINT (FOR FIELD INFORMATION ONLY)
FPL	FLORIDA POWER & LIGHT COMPANY
LB	LICENSED BUSINESS
P.R.M.	PERMANENT REFERENCE MONUMENT
LB	LICENSED BUSINESS
	PALM TREE
	OAK TREE
	TREE

LEGAL DESCRIPTION:

PARCEL 1:

PARCEL A OF "MIL–LAKE CVS", ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 106, PAGE 1 OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.

SAID LANDS LYING AND BEING IN THE CITY OF GREENACRES, PALM BEACH COUNTY, FLORIDA AND CONTAINING 69,219 SQUARE FEET (1.589 ACRES), MORE OR LESS.

PARCEL 2:

TOGETHER WITH EASEMENT RIGHTS DESCRIBED IN THAT CERTAIN CROSS EASEMENT AGREEMENT BETWEEN WALGREEN CO., AN ILLINOIS CORPORATION, DOING BUSINESS IN THE STATE OF FLORIDA, INTER ALIA, AS WAGS AND DAIRELL J. SNAPP AND ANNA E. SNAPP DOING BUSINESS AS VIDA PROPERTIES, DOING BUSINESS IN THE STATE OF FLORIDA AS MIL/LAKE PLAZA SHOPPING CENTER, DATED JUNE 10, 1981, RECORDED JULY 13, 1981 IN BOOK 3559, PAGE 1353, OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.

PARCEL 3:

TOGETHER WITH EASEMENT RIGHTS DESCRIBED IN THAT CERTAIN RECIPROCAL AGREEMENT BY AND BETWEEN DEL VISO, LLC AND CVS 5975 FL, LLC, RECORDED APRIL 21, 2004 IN BOOK 16839, PAGE 446, OF THE OFFICIAL RECORDS OF PALM BEACH COUNTY, FLORIDA.

NOTES:

1. THIS SURVEY MAP AND REPORT OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE ORIGINAL SIGNATURE AND SEAL OR AN ELECTRONIC SIGNATURE OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
2. ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T–BEAR; ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.
3. FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY #120203; PANEL #12099C0776F; MAP DATE: 10/5/17.
4. THIS SITE LIES IN SECTION 24, TOWNSHIP 44 SOUTH, RANGE 42 EAST, PALM BEACH COUNTY, FLORIDA.
5. BEARINGS ARE BASED ON STATE PLANE COORDINATES AND ARE RELATIVE TO THE NORTH AMERICAN DATUM OF 1983 WITH THE 1990 ADJUSTMENT, FL–E ZONE, WITH THE WEST LINE OF PARCEL A BEING N01°37'16"E.
6. REASONABLE EFFORTS WERE MADE REGARDING THE EXISTENCE AND THE LOCATION OF UNDERGROUND UTILITIES. THIS FIRM, HOWEVER, DOES NOT ACCEPT RESPONSIBILITY FOR THIS INFORMATION. BEFORE EXCAVATION OR CONSTRUCTION CONTACT THE APPROPRIATE UTILITY COMPANIES FOR FIELD VERIFICATION.
7. THIS SURVEY WAS PREPARED WITH BENEFIT OF A COMMITMENT FOR TITLE INSURANCE, FILE NUMBER 20250228, PREPARED BY STEWART TITLE GUARANTY COMPANY, DATED OCTOBER 28, 2025 AT 8:00 AM. REVISION NUMBER: 2. THE FOLLOWING ITEMS ARE EXCEPTIONS IN SCHEDULE B, PART II OF SAID COMMITMENT:
   - ITEMS 1, 2, 3, & 4: STANDARD EXCEPTIONS, NOT ADDRESSED.
   - ITEM 5: ALL MATTERS IN PLAT BOOK 44, PAGE 88, AS AFFECTED BY GREENACRES, FLORIDA RESOLUTION NO. 90–30 IN O.R.B. 6560, PAGE 1983 APPLIES TO THIS SITE AS DEPICTED HEREON.
   - ITEM 6: ALL MATTERS IN PLAT BOOK 106, PAGE 1 APPLY TO THIS SITE AS DEPICTED HEREON.
   - ITEM 7: PALM BEACH COUNTY RESOLUTION IN O.R.B. 1145, PAGE 522 APPLIES TO THIS SITE AS DEPICTED HEREON.
   - ITEM 8: PERMIT GRANTED TO SOUTHERN BELL TELEPHONE AND TELEGRAPH COMPANY IN O.R.B. 497, PAGE 192 DOES NOT APPLY TO THIS SITE.
   - ITEM 9: FLORIDA POWER & LIGHT COMPANY EASEMENT IN O.R.B. 2718, PAGE 1939 DOES NOT APPLY TO THIS SITE.
   - ITEM 10: FLORIDA POWER & LIGHT COMPANY EASEMENT IN O.R.B. 3007, PAGE 686 APPLIES TO THIS SITE AS DEPICTED HEREON.
   - ITEM 11: CROSS EASEMENT AGREEMENT IN O.R.B. 3559, PAGE 1353 APPLIES TO THIS SITE BUT CANNOT BE PLOTTED. (PARCEL 2)
   - ITEM 12: OIL, GAS AND MINERAL RESERVATION IN O.R.B. 16253, PAGE 1742 APPLIES TO THIS SITE BUT CANNOT BE PLOTTED.
   - ITEM 13: RECIPROCAL EASEMENT AGREEMENT IN O.R.B. 16839, PAGE 446 APPLIES TO THIS SITE AS DEPICTED HEREON. (PARCEL 3). THE SPECIFIC LOCATION OF THE LANDSCAPE EASEMENT CANNOT BE DETERMINED.
   - ITEM 14: ENTRY FEATURE/SIGN ENTRY EASEMENT IN O.R.B. 18212, PAGE 685 APPLIES TO THIS SITE AS DEPICTED HEREON.
   - ITEM 15: FLORIDA POWER & LIGHT COMPANY EASEMENT IN O.R.B. 19277, PAGE 1959 APPLIES TO THIS SITE AS DEPICTED HEREON.
   - ITEM 16: UTILITY EASEMENT IN O.R.B. 19466, PAGE 716, AS AFFECTED BY AFFIDAVIT IN O.R.B. 19637, PAGE 912 APPLIES TO THIS SITE AS DEPICTED HEREON.
   - ITEM 17: NOT ADDRESSED.
   - ITEM 18: SURVEY MATTERS DEPICTED HEREON.
8. THE HORIZONTAL POSITIONAL ACCURACY OF WELL DEFINED IMPROVEMENTS ON THIS SURVEY IS ±0.07'. THE VERTICAL ACCURACY OF ELEVATIONS OF WELL DEFINED IMPROVEMENTS ON THIS SURVEY IS ±0.07'.
9. THIS SITE CONTAINS 56 TOTAL PARKING SPACES (52 REGULAR & 4 DISABLED) IN ADDITION TO 27 PARKING SPACES SPLIT ON PROPERTY LINES.
10. ALL RECORDED DOCUMENTS ARE PER PALM BEACH COUNTY PUBLIC RECORDS.
11. THE TREE SYMBOLS DEPICTED HEREON ARE NOT SCALED TO TREE CANOPY.

CERTIFICATION:

TO RAISING CANES RESTAURANTS, L.L.C., A LOUISIANA LIMITED LIABILITY COMPANY; KASADA, LLC, A LOUISIANA LIMITED LIABILITY COMPANY; CAPITAL ONE, NATIONAL ASSOCIATION, A NATIONAL BANKING ASSOCIATION, AS AGENT, AND ITS SUCCESSORS AND ASSIGNS; STEWART TITLE GUARANTY COMPANY AND KIMLEY–HORN AND ASSOCIATES, INC:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 7(a), 7(c), 8, 9 & 11(b) OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETED ON 11/10/25.

DATE OF PLAT OR MAP: 11/10/25

John F Pulice

Digitally signed by John F Pulice
Date: 2025.11.11 16:10:40 -05'00'

☐ JOHN F. PULICE, PROFESSIONAL SURVEYOR AND MAPPER LS5691
☐ VICTOR R. GILBERT, PROFESSIONAL SURVEYOR AND MAPPER LS6274
☐ MICHAEL M. MOSSEY, PROFESSIONAL SURVEYOR AND MAPPER PSM5660
STATE OF FLORIDA

NO.	REVISIONS	BY
5		
4		
3		
2	#75033–UPDATE SURVEY–11/10/25	A.R.
1	#74442–ORIGINAL SURVEY–6/25/25	B.E./K.F.

PROPOSED
RAISING CANES SITE
3969 SOUTH MILITARY TRAIL
GREENACRES, FLORIDA 33463
(CITY OF GREENACRES, PALM BEACH COUNTY)

BOUNDARY AND TOPOGRAPHIC SURVEY
ALTA/NSPS LAND TITLE SURVEY

PULICE LAND SURVEYORS, INC.
5381 NOB HILL ROAD
SUNRISE, FLORIDA 33351
TELEPHONE: (954) 572–1777
FAX: (954) 572–1778
E–MAIL: surveys@pulicelandsurveyors.com
WEBSITE: www.pulicelandsurveyors.com
CERTIFICATE OF AUTHORIZATION LB#3870

DRAWN BY: B.E./K.F.	SCALE: 1" = 20'	CLIENT: KIMLEY-HORN AND ASSOCIATES, INC.
CHECKED BY: J.F.P.	SURVEY DATE: 11/10/25	ORDER NO.: 75033

C-002

CITY COMMENTS & RESUBMITTAL

This map/plat is being furnished as an aid in locating the herein described Land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

20050536417

THIS INSTRUMENT PREPARED BY
DAVID P. LINDLEY
OF
CAULFIELD and WHEELER, INC.
SURVEYORS – ENGINEERS – PLANNERS
7301-A WEST PALMETTO PARK ROAD, SUITE 100A
BOCA RATON, FLORIDA 33433 – (561)392-1991
FEBRUARY – 2005

MIL-LAKE CVS

A REPLAT OF A PARCEL 4, MIL-LAKE PLAZA, P.C.D.,
AS RECORDED IN PLAT BOOK 44, PAGE 88 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA,
TOGETHER WITH A PORTION OF SECTION 24, TOWNSHIP 44 SOUTH, RANGE 42 EAST,
CITY OF GREENACRES, PALM BEACH COUNTY, FLORIDA

DEDICATIONS AND RESERVATIONS:

KNOW ALL MEN BY THESE PRESENTS THAT CVS 5975 FL, LLC, A DELAWARE LIMITED LIABILITY COMPANY, OWNER OF THE LAND SHOWN HEREON AS MIL-LAKE CVS, BEING A REPLAT OF PARCEL 4, MIL-LAKE PLAZA, P.C.D., AS RECORDED IN PLAT BOOK 44, PAGE 88 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, TOGETHER WITH A PORTION OF SECTION 24, TOWNSHIP 44 SOUTH, RANGE 42 EAST, LYING WITHIN THE CITY OF GREENACRES, PALM BEACH COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHWEST CORNER OF PARCEL 4, MIL-LAKE PLAZA, P.C.D., ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 44, PAGE 88 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA; THENCE S.87°29'21"E. ALONG THE NORTH LINE THEREOF, A DISTANCE OF 90.00 FEET; THENCE S.62°52'13"E., A DISTANCE OF 144.02 FEET TO A POINT OF INTERSECTION WITH THE WEST RIGHT-OF-WAY LINE OF MILITARY TRAIL; THENCE S.01°37'36"W. ALONG SAID WEST RIGHT-OF-WAY LINE, A DISTANCE OF 290.67 FEET; THENCE S.47°04'28"W., A DISTANCE OF 38.35 FEET TO A POINT OF INTERSECTION WITH THE NORTH RIGHT-OF-WAY LINE OF LAKE WORTH ROAD; THENCE N.87°29'21"W. ALONG SAID NORTH RIGHT-OF-WAY LINE, A DISTANCE OF 122.67 FEET; THENCE N.01°37'36"E. ALONG THE EAST LINE OF PARCEL 1 OF SAID MIL-LAKE PLAZA, P.C.D., A DISTANCE OF 138.00 FEET TO A POINT OF INTERSECTION WITH THE SOUTH LINE OF SAID PARCEL 4; THENCE N.87°29'21"W. ALONG SAID SOUTH LINE, A DISTANCE OF 70.00 FEET; THENCE N.01°37'36"E. ALONG THE WEST LINE OF SAID PARCEL 4, A DISTANCE OF 240.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 69,219 SQUARE FEET OR 1.589 ACRES, MORE OR LESS.

HAVE CAUSED THE SAME TO BE SURVEYED AND PLATTED, AS SHOWN HEREON, AND DO HEREBY DEDICATE AS FOLLOWS:

1. LANDSCAPE BUFFER EASEMENTS (LBE)

THE LANDSCAPE BUFFER EASEMENTS AS SHOWN HEREON ARE HEREBY RESERVED FOR CVS 5975 FL, LLC, A DELAWARE LIMITED LIABILITY COMPANY, ITS SUCCESSORS AND ASSIGNS, FOR LANDSCAPE BUFFER PURPOSES AND ARE THE PERPETUAL MAINTENANCE OBLIGATION OF SAID ASSOCIATION, ITS SUCCESSORS AND ASSIGNS, WITHOUT RECOURSE TO THE CITY OF GREENACRES.

2. UTILITY EASEMENTS

THE UTILITY EASEMENTS SHOWN HEREON ARE HEREBY DEDICATED IN PERPETUITY FOR THE CONSTRUCTION AND MAINTENANCE OF UTILITY FACILITIES, INCLUDING CABLE TELEVISION SYSTEMS. THE INSTALLATION OF CABLE TELEVISION SYSTEMS SHALL NOT INTERFERE WITH THE CONSTRUCTION AND MAINTENANCE OF OTHER UTILITIES.

IT IS THE EXPRESS INTENT OF THIS PLAT TO CLOSE, VACATE AND ABANDON THOSE EASEMENTS WITHIN PARCEL A, AS SHOWN HEREON, AND CREATED AND DEDICATED BY THE PLAT OF MIL-LAKE PLAZA, P.C.D., AS RECORDED IN PLAT BOOK 44, PAGE 88 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA.

3. PARCEL A

PARCEL "A" AS SHOWN HEREON, IS HEREBY RESERVED FOR CVS 5975 FL, LLC, A DELAWARE LIMITED LIABILITY COMPANY, ITS SUCCESSORS AND ASSIGNS, FOR COMMERCIAL PURPOSES CONSISTENT WITH CURRENT PALM BEACH COUNTY ZONING AND IS THE PERPETUAL MAINTENANCE OBLIGATION OF SAID CORPORATION, ITS SUCCESSORS AND ASSIGNS, WITHOUT RECOURSE TO CITY OF GREENACRES.

4. PALM BEACH TRANSIT EASEMENTS

PRIVATE NON-EXCLUSIVE EASEMENTS ARE HEREBY GRANTED TO THE PUBLIC FOR THE PURPOSES OF INSTALLING, MAINTAINING AND REPAIRING PUBLIC TRANSIT FACILITIES WITHIN THE AREAS DESIGNATED ON THIS PLAT AS EASEMENTS TO PALM BEACH TRANSIT.

5. THE PALM BEACH COUNTY UTILITY EASEMENT

THE PALM BEACH COUNTY UTILITY EASEMENT IDENTIFIED ON THE PLAT HEREON IS AN EXCLUSIVE EASEMENT AND IS HEREBY DEDICATED IN PERPETUITY TO PALM BEACH COUNTY, ITS SUCCESSORS AND ASSIGNS, FOR THE INSTALLATION, OPERATION, MAINTENANCE, REPAIR, EXPANSION AND REPLACEMENT OF POTABLE WATER PIPELINES, RAW WATER PIPELINES, WASTEWATER PIPELINES, RECLAIMED WATER PIPELINES, AND RELATED APPURTENANCES. THE MAINTENANCE OF THE LAND UNDERLYING THIS EASEMENT SHALL BE A PERPETUAL OBLIGATION OF THE PROPERTY OWNER. NO BUILDINGS, STRUCTURES, IMPROVEMENTS, TREES, WALLS OR FENCES SHALL BE INSTALLED WITHIN THIS EASEMENT WITHOUT THE PRIOR WRITTEN APPROVAL OF THE PALM BEACH COUNTY WATER UTILITIES DEPARTMENT, ITS SUCCESSORS AND ASSIGNS.

IN WITNESS WHEREOF, THE ABOVE NAMED LIMITED LIABILITY COMPANY HAS CAUSED THESE PRESENTS TO BE SIGNED BY ITS MANAGER OF THE COMPANY, AND ITS SEAL TO BE AFFIXED HERETO BY AND WITH THE AUTHORITY OF ITS MANAGERS OF THE COMPANY, THIS 3RD DAY OF March, 2005.

CVS 5975 FL, LLC
A DELAWARE LIMITED LIABILITY COMPANY

WITNESS: Janis M. Paterson
PRINT NAME JANUS M. PATERSON

BY: _____
ROBERT E. NAULT, VICE PRESIDENT

WITNESS: Simonne R. Lapierre
PRINT NAME Simonne R. LAPIERRE

ACKNOWLEDGMENT:

STATE OF RHODE ISLAND)
COUNTY OF PROVIDENCE)

BEFORE ME PERSONALLY APPEARED Robert E. Nault, WHO IS PERSONALLY KNOWN TO ME, OR HAVE PRODUCED known to me AS IDENTIFICATION, AND WHO EXECUTED THE FOREGOING INSTRUMENT AS MANAGING MEMBER OF CVS 5975 FL, LLC, A DELAWARE LIMITED LIABILITY COMPANY, AND SEVERALLY ACKNOWLEDGED TO AND BEFORE ME THAT HE EXECUTED SUCH INSTRUMENT AS SUCH OFFICER OF SAID CORPORATION, AND THAT THE SEAL AFFIXED TO THE FOREGOING INSTRUMENT IS THE CORPORATE SEAL OF SAID CORPORATION AND THAT IT WAS AFFIXED TO SAID INSTRUMENT BY DUE AND REGULAR CORPORATE AUTHORITY, AND THAT SAID INSTRUMENT IS THE FREE ACT AND DEED OF SAID CORPORATION.

WITNESS MY HAND AND OFFICIAL SEAL THIS 3RD DAY OF March, 2005.

MY COMMISSION EXPIRES: 11/11/05

COMMISSION NUMBER: NA

NOTARY PUBLIC Pauline B. Koerner
Pauline B. Koerner
Woonsocket Providence Co., RI
PRINT NAME My Commission Expires 11/11/05

CITY OF GREENACRES APPROVALS:

THIS PLAT IS HEREBY APPROVED FOR RECORD THIS 7th DAY OF March A.D. 2005.

BY: _____
SAMUEL W. FERRERI, MAYOR

BY: _____
WADIE ATALLAH, P.E., CITY MANAGER/CITY ENGINEER

BY: Sondra K. Hill
SONDRA K. HILL, CITY CLERK

THIS PLAT HAS BEEN REVIEWED FOR CONFORMITY TO CHAPTER 177.081, FLORIDA STATUTES. THIS REVIEW DOES NOT INCLUDE THE VERIFICATION OF GEOMETRIC DATA OR FIELD VERIFICATION OF THE REFERENCE MONUMENTS.

SFRN, INC.
1201 BELVEDERE ROAD, SUITE 13
WEST PALM BEACH, FL. 33405

BY: _____
ANDRE RAYMAN
PROFESSIONAL SURVEYOR AND MAPPER
STATE OF FLORIDA NO. 4938

TITLE CERTIFICATION:

STATE OF FLORIDA)
COUNTY OF BROWARD)

I, JONATHAN S. MARCUS, A DULY LICENSED ATTORNEY IN THE STATE OF FLORIDA, DO HEREBY CERTIFY THAT I HAVE EXAMINED THE TITLE TO THE HEREON DESCRIBED PROPERTY; THAT I FIND THE TITLE TO THE PROPERTY IS VESTED IN CVS 5975 FL, LLC, A DELAWARE LIMITED LIABILITY COMPANY; THAT THE CURRENT TAXES HAVE BEEN PAID; THAT ALL MORTGAGES NOT SATISFIED OR RELEASED OF RECORD NOR OTHERWISE TERMINATED BY LAW ARE SHOWN HEREON; AND THAT THERE ARE ENCUMBRANCES OF RECORD BUT THOSE ENCUMBRANCES DO NOT PROHIBIT THE CREATION OF THE SUBDIVISION DEPICTED BY THIS PLAT.

DATED: FEB. 27, 2005

JONATHAN S. MARCUS
ATTORNEY AT LAW
LICENSED IN FLORIDA
FLORIDA REGISTRATION NO. 333591

SURVEYOR'S CERTIFICATE:

STATE OF FLORIDA)
COUNTY OF PALM BEACH)

I HEREBY CERTIFY THAT THE PLAT SHOWN HEREON IS A TRUE AND CORRECT REPRESENTATION OF A SURVEY MADE UNDER MY RESPONSIBLE DIRECTION AND SUPERVISION; THAT SAID SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT PERMANENT REFERENCE MONUMENTS (P.R.M.'S) AND MONUMENTS ACCORDING TO SEC. 177.091 (9), F.S., HAVE BEEN PLACED AS REQUIRED BY LAW; AND, FURTHER, THAT THE SURVEY DATA COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177 FLORIDA STATUTES, AS AMENDED, AND ORDINANCES OF PALM BEACH COUNTY, FLORIDA.

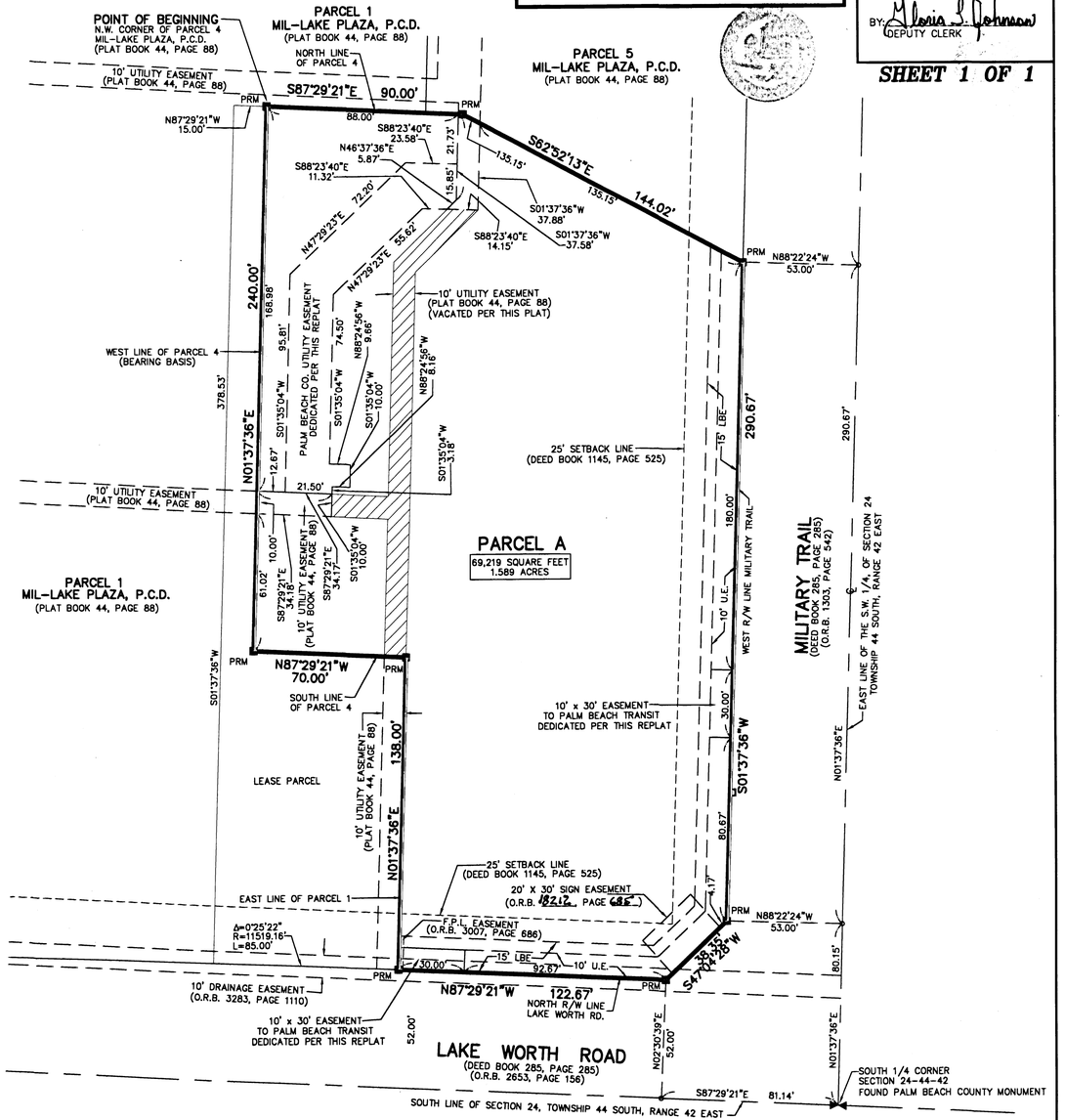
DATED: 3-17-05

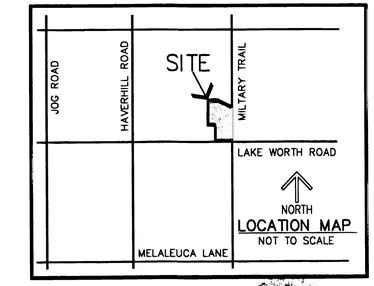
DAVID P. LINDLEY
REG. LAND SURVEYOR #5005
STATE OF FLORIDA
LB #3591

SURVEY NOTES:

1. IN THOSE CASES WHERE EASEMENTS OF DIFFERENT TYPES CROSS OR OTHERWISE COINCIDE, DRAINAGE EASEMENTS SHALL HAVE FIRST PRIORITY, UTILITY EASEMENTS SHALL HAVE SECOND PRIORITY, ACCESS EASEMENTS SHALL HAVE THIRD PRIORITY, AND ALL OTHER EASEMENTS SHALL BE SUBORDINATE TO THESE WITH THEIR PRIORITIES BEING DETERMINED BY USE RIGHTS GRANTED.
2. BUILDING SETBACK LINES SHALL BE AS REQUIRED BY CURRENT CITY OF GREENACRES ZONING REGULATIONS.
3. NO BUILDINGS OR ANY KIND OF CONSTRUCTION OR TREES OR SHRUBS SHALL BE PLACED ON AN EASEMENT WITHOUT PRIOR WRITTEN CONSENT OF ALL EASEMENT BENEFICIARIES AND ALL APPLICABLE CITY APPROVALS OR PERMITS AS REQUIRED FOR SUCH ENCROACHMENTS.
4. APPROVAL OF LANDSCAPING ON UTILITY EASEMENT, (EXCLUDING WATER AND SEWER) SHALL ONLY BE WITH APPROVAL OF ALL UTILITIES OCCUPYING SAID EASEMENT.
5. BEARINGS ARE RELATIVE TO A RECORD BEARING OF N01°37'36"E ALONG THE WEST LINE OF PARCEL 4 MIL-LAKE PLAZA, P.C.D., AS RECORDED IN PLAT BOOK 44, PAGE 88 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA
6. ■ P.R.M. – INDICATES 4" X 4" X 24" PERMANENT REFERENCE MONUMENT MARKED LB 3591.
7. U.E. – INDICATES UTILITY EASEMENT.
8. ORB – DENOTES OFFICIAL RECORDS BOOK
9. LBE – DENOTES LANDSCAPE BUFFER EASEMENT
10. "NOTICE" THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF PALM BEACH COUNTY.
11. N.T.S. – DENOTES NOT TO SCALE
12. ℄ – DENOTES CENTERLINE
13. R/W – DENOTES RIGHT-OF-WAY

GRAPHIC SCALE
30 0 15 30 60 160
(IN FEET)
1 INCH = 30 FT.





EASEMENTS AND RESTRICTIVE COVENANTS:

ACCESS TO AND BETWEEN MIL-LAKE CVS AND MIL-LAKE PLAZA, P.C.D., AS SHOWN ON THIS PLAT, IS GRANTED IN ACCORDANCE WITH THE "DECLARATION OF RECIPROCAL EASEMENTS AND RESTRICTIONS", AS RECORDED IN OFFICIAL RECORDS BOOK 16839, PAGE 446, OF THE PUBLIC RECORDS OF PALM EACH COUNTY, FLORIDA

CVS 5975 FL, LLC

CVS 5975 FL, LLC NOTARY

CITY OF GREENACRES

CITY SURVEYOR: STATE OF FLORIDA

SURVEYOR

1

STATE OF FLORIDA
COUNTY OF PALM BEACH
THIS PLAT WAS FILED FOR RECORD AT 2 P. M.
THIS 24 DAY OF AUG.
A.D. 2005 AND DULY RECORDED IN PLAT BOOK 106 ON PAGES 1 AND ____

SHARON R. BOCK
CLERK CIRCUIT COURT

BY: Gloria J. Johnson
DEPUTY CLERK

SHEET 1 OF 1

C-003

NOT FOR CONSTRUCTION - FOR PERMIT ONLY

OVERALL:

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, LOCAL JURISDICTION STANDARD DETAILS AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE LOCAL JURISDICTION SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL BE FOLLOWED.
2. THE CONTRACTOR SHALL COMPLY WITH LOCAL JURISDICTION "GENERAL NOTES" FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE JURISDICTION. FOR INSTANCES WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY.
3. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AUTHORITIES' SPECIFICATIONS AND REQUIREMENTS.
4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS.
5. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR, AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.
6. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER AND ENGINEER IMMEDIATELY.
7. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO THE OWNER AND ENGINEER FOR REVIEW.
8. THE CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING.
9. THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL.
10. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ARCHITECT, ENGINEER, AND IF APPLICABLE THE LOCAL JURISDICTION AND OWNER. NO CONSIDERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE LOCAL JURISDICTION, ENGINEER, AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.
11. THE CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. OWNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING WITH CONSTRUCTION.
12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO HAVE THEM LOCATE THEIR EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.
13. THE CONTRACTOR SHALL CALL SUNSHINE 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION.
14. THE CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES.
15. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND INCOMPLETE. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROPOSED GRADES TO ACCOMMODATE CLEARANCES. THE ENGINEER SHALL BE NOTIFIED WHEN A PROPOSED IMPROVEMENT CONFLICTS WITH AN EXISTING UTILITY.
16. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADE, RELOCATING EXISTING POLES AND GUY WIRES THAT ARE LOCATED IN PROPOSED DRIVEWAYS, ADJUSTING THE HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING WITH A PROPOSED UTILITY, AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON THESE PLANS.
17. THE CONTRACTOR SHALL ARRANGE FOR OR PROVIDE, AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE, AND UTILITY POLE ADJUSTMENTS NEEDED.
18. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION, AND SERVICE TO THE PROPOSED DEVELOPMENT.
19. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTORS' FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES. THE OWNER AND ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES. IF IT IS NECESSARY TO SHORE, BRACE, SWING OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.
20. BRACING OF UTILITY POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE PAY ITEM.
21. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING TO WORK SETBACKS FROM POWER LINES.
22. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION.
23. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND LOCAL JURISDICTION SPECIFICATIONS, AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.
24. ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE.
25. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES.
26. THE CONTRACTOR SHALL ARRANGE FOR REQUIRED LOCAL JURISDICTION INSPECTIONS.
27. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.
28. ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC....) ARE FOR PRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZES AND LOCATIONS WITH APPROPRIATE LOCAL JURISDICTION INSPECTOR.
29. THE SCOPE OF WORK FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 5-FEET FROM THE BUILDING. REFERENCE THE BUILDING PLANS (E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5-FEET OF THE BUILDING AND WITHIN THE BUILDING FOOTPRINT.
30. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS.
31. THE PROPOSED BUILDING FOOTPRINT(S) SHOWN IN THESE PLANS WAS PROVIDED TO KIMLEY-HORN AND ASSOCIATES, INC. (KH) BY THE PROJECT ARCHITECT AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL CORRECT VERSION BECAUSE THE BUILDING DESIGN WAS ONGOING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE FINAL CORRECT VERSION OF THE BUILDING FOOTPRINT WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO LAYOUT. DIMENSIONS AND/OR COORDINATES SHOWN ON THESE PLANS WERE BASED ON THE ABOVE STATED ARCHITECTURAL FOOTPRINT, AND ARE THEREFORE A PRELIMINARY LOCATION OF THE BUILDING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE ARCHITECT'S FOOTPRINT REPRESENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC.....) AND TO CONFIRM ITS FINAL POSITION ON THE SITE BASED ON THE FINAL ARCHITECTURAL FOOTPRINT, CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. ANY DIFFERENCES FOUND SHALL BE REPORTED TO KH IMMEDIATELY.
32. ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA.
33. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE LOCAL JURISDICTION INSPECTOR AND COMPLY WITH LOCAL JURISDICTION STANDARDS/REQUIREMENTS AND GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING MATERIALS. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR MATERIALS TESTING.
34. ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY.
35. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND LOCAL JURISDICTION SPECIFICATIONS.
36. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.
37. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR.
38. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, COMMUNICATION BOXES/PEDESTALS, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER.
39. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO: FENCES, WALLS, SIGNS, PAVEMENT, CURBS, UTILITIES, SIDEWALKS, GRASS, TREES, LANDSCAPING, AND IRRIGATION SYSTEMS, ETC…, TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER.
40. ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS NECESSARY GRADING, LANDSCAPING, CULVERTS, AND PAVEMENT.
41. THE CONTRACTOR SHALL SALVAGE ALL EXISTING POWER POLES, SIGNS, WATER VALVES, FIRE HYDRANTS, METERS, ETC... THAT ARE TO BE RELOCATED DURING CONSTRUCTION.
42. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SITE DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES.
43. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA, TO THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH LOCAL JURISDICTION, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE LOCAL JURISDICTION.
44. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.
45. SITE SAFETY IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
46. THESE PLANS DO NOT EXTEND TO OR INCLUDE DESIGNS OR SYSTEMS PERTAINING TO THE SAFETY OF THE CONTRACTOR OR ITS EMPLOYEES, AGENTS OR REPRESENTATIVES IN THE PERFORMANCE OF THE WORK. THE ENGINEER'S SEAL HEREON DOES NOT EXTEND TO ANY SUCH SAFETY SYSTEM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTATION OF ALL REQUIRED SAFETY PROCEDURES AND PROGRAMS.
47. SIGNS RELATED TO SITE OPERATION OR SAFETY ARE NOT INCLUDED IN THESE PLANS.
48. THE CONTRACTOR OFFICE AND STAGING AREA SHALL BE AGREED ON BY THE OWNER AND CONTRACTOR PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITTING REQUIREMENTS FOR THE CONSTRUCTION OFFICE, TRAILER, STORAGE, AND STAGING OPERATIONS AND LOCATIONS.
49. LIGHT POLES, SIGNS, AND OTHER OBSTRUCTIONS SHALL NOT BE PLACED IN ACCESSIBLE ROUTES.
50. ALL SIGNS, PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE "FLORIDA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES - FDOT".
51. TOP RIM ELEVATIONS OF ALL EXISTING AND PROPOSED MANHOLES SHALL BE COORDINATED WITH TOP OF PAVEMENT OR FINISHED GRADE AND SHALL BE ADJUSTED TO BE FLUSH WITH THE ACTUAL FINISHED GRADE AT THE TIME OF PAVING.
52. THE CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED VALVES, FIRE HYDRANTS, AND OTHER UTILITY APPURTENANCES TO MATCH ACTUAL FINISHED GRADES AT THE TIME OF PAVING.
53. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SEQUENCING AND PHASING, AND SHALL CONTACT THE APPROPRIATE LOCAL JURISDICTION OFFICIALS, INCLUDING BUILDING OFFICIAL, ENGINEERING INSPECTOR, AND FIRE MARSHALL TO LEARN OF ANY REQUIREMENTS.
54. THE CONTRACTOR IS RESPONSIBLE FOR PREPARATION, SUBMITTAL, AND APPROVAL BY THE LOCAL JURISDICTION OF A TRAFFIC CONTROL PLAN PRIOR TO THE START OF CONSTRUCTION, AND THEN THE IMPLEMENTATION OF THE PLAN.
55. THE CONTRACTOR SHALL KEEP A NEAT AND ACCURATE RECORD OF CONSTRUCTION, INCLUDING ANY DEVIATIONS OR VARIANCES FROM THE PLANS.
56. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT PLANS TO THE ENGINEER AND LOCAL JURISDICTION IDENTIFYING ALL DEVIATIONS AND VARIATIONS FROM THESE PLANS MADE DURING CONSTRUCTION.

EROSION CONTROL:

1. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL EROSION CONTROL AND WATER QUALITY REQUIREMENTS, LAWS, AND ORDINANCES THAT APPLY TO THE CONSTRUCTION SITE LAND DISTURBANCE.
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE "LOCAL JURISDICTION GENERAL PERMIT TO DISCHARGE UNDER THE FDEP NPDES MOI".
3. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE.
4. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS FOR THE PROJECT.
5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR INSTALLATION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL EROSION CONTROL DEVICES, BEST MANAGEMENT PRACTICES (BMPS), AND FOR UPDATING THE EROSION CONTROL PLAN DURING CONSTRUCTION AS FIELD CONDITIONS CHANGE.
6. THE CONTRACTOR SHALL DOCUMENT THE DATES OF INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL FOR EACH BMP REQUIRED BY THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE.
7. AS STORM SEWER INLETS ARE INSTALLED ON-SITE, TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED AT EACH INLET PER APPROVED DETAILS.
8. THE EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL THE AREA IT PROTECTS HAS BEEN PERMANENTLY STABILIZED.
9. THE CONTRACTOR SHALL PROVIDE ADEQUATE EROSION CONTROL DEVICES NEEDED DUE TO PROJECT PHASING.
10. THE CONTRACTOR SHALL OBSERVE THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES AND MAKE FIELD ADJUSTMENTS AND MODIFICATIONS AS NEEDED TO PREVENT SEDIMENT FROM LEAVING THE SITE. IF THE EROSION CONTROL DEVICES DO NOT EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE, THEN THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
11. OFF-SITE SOIL BORROW, SPOIL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALSO COMPLY WITH THE EROSION CONTROL REQUIREMENTS FOR THIS PROJECT. THIS INCLUDES THE INSTALLATION OF BMP'S TO CONTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE BMPS FOR ANY OFF-SITE THAT ARE NOT ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN.
12. ALL STAGING, STOCKPILES, SPOIL, AND STORAGE SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY. PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCIRCLING THE AREA WITH AN APPROPRIATE BARRIER.
13. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES, BMPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN THE SWPPP BOOKLET IF APPLICABLE, TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY.
14. THE CONTRACTOR SHALL CONSTRUCT A STABILIZED CONSTRUCTION ENTRANCE AT ALL PRIMARY POINTS OF ACCESS IN ACCORDANCE WITH LOCAL JURISDICTION SPECIFICATIONS. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE FOR ENTRANCE AND EGRESS/EGRESS.
15. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND DIRT ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL BE REMOVED IMMEDIATELY.
16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF THE CONSTRUCTION, AS REQUESTED BY OWNER AND LOCAL JURISDICTION. AT A MINIMUM, THIS SHOULD OCCUR BEFORE THE END OF EACH WORK DAY.
17. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP.
18. THE CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 ACRES, PER LOCAL JURISDICTION STANDARDS. IF ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PLANS, THEN THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED.
19. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR.
20. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE VOID SPACES BETWEEN STONES OR DIRT IS BEING TRACKED ONTO A ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE.
21. TEMPORARY SEEDING OR OTHER APPROVED STABILIZATION SHALL BE INITIATED WITHIN 14 DAYS OF THE LAST DISTURBANCE OF ANY AREA, UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE.
22. THE CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE MATERIAL, AND TRASH AS CONSTRUCTION PROGRESSES.
23. UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS ACHIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPERVIOUS STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, PAVEMENT, OR A UNIFORM PERENNIAL VEGETATIVE COVER.
24. AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES CONSTRUCTED BY THE CONSTRUCTION SHALL BE DREDGED AND THE PERMANENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN ACCORDANCE WITH APPLICABLE REGULATIONS.

STORM WATER DISCHARGE AUTHORIZATION:

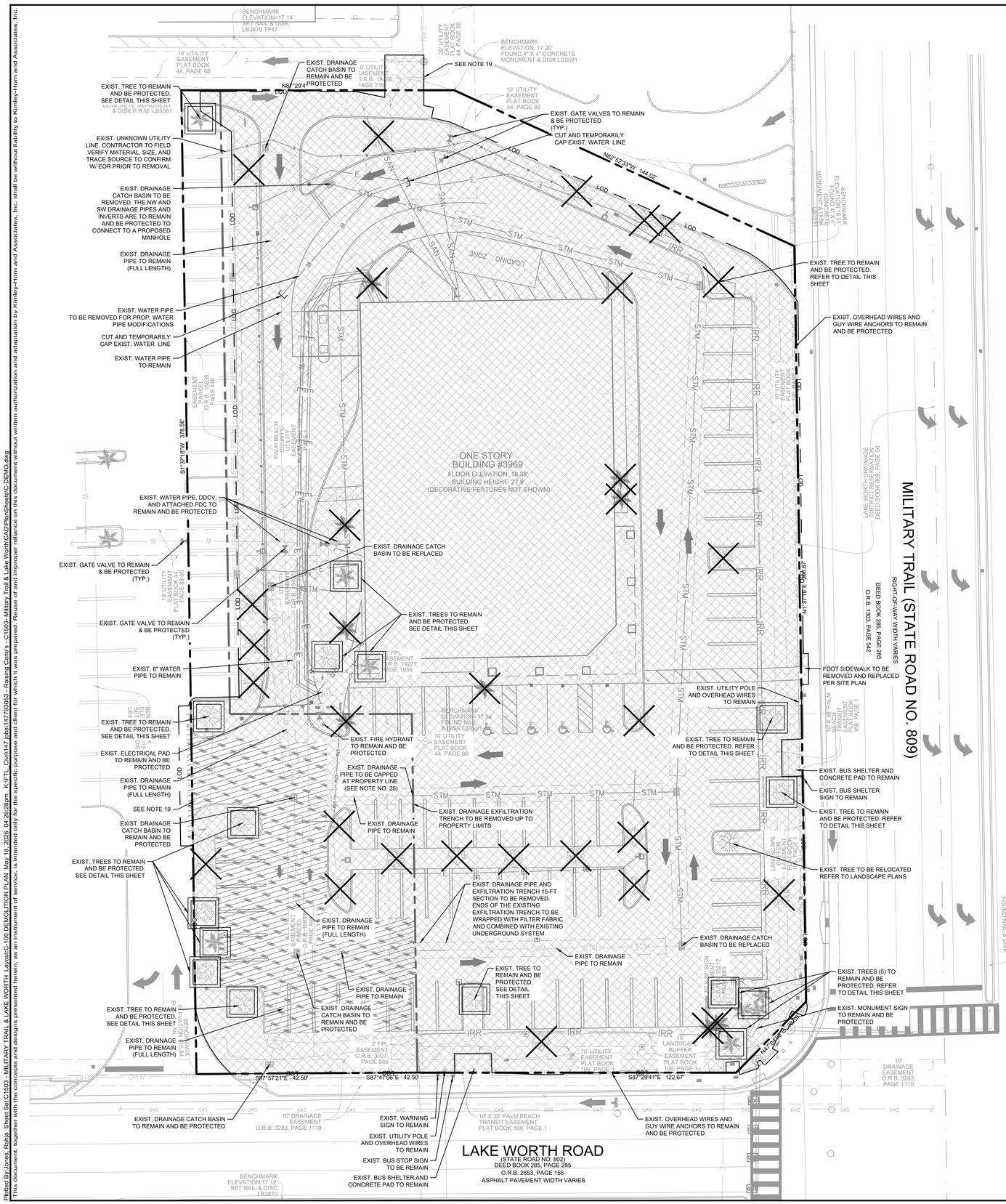
1. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL JURISDICTION AND FDEP STORM WATER POLLUTION PREVENTION REQUIREMENTS.
2. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE SFWMD.
3. THE CONTRACTOR SHALL ENSURE THAT ALL PRIMARY OPERATORS SUBMIT A NOI TO LOCAL JURISDICTION AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION. ALL PRIMARY OPERATORS SHALL PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 LOCAL JURISDICTION RECEIVING DISCHARGE FROM THE SITE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED BY THE LOCAL JURISDICTION AND EPA (E.G. NOI).
5. A COPY OF THE SWPPP, INCLUDING NOI, SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO THE LOCAL JURISDICTION BY THE CONTRACTOR AND SHALL BE POSTED ON-SITE DURING CONSTRUCTION.
6. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO LOCAL JURISDICTION BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY STRUCTURES, A TRANSFER OF OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

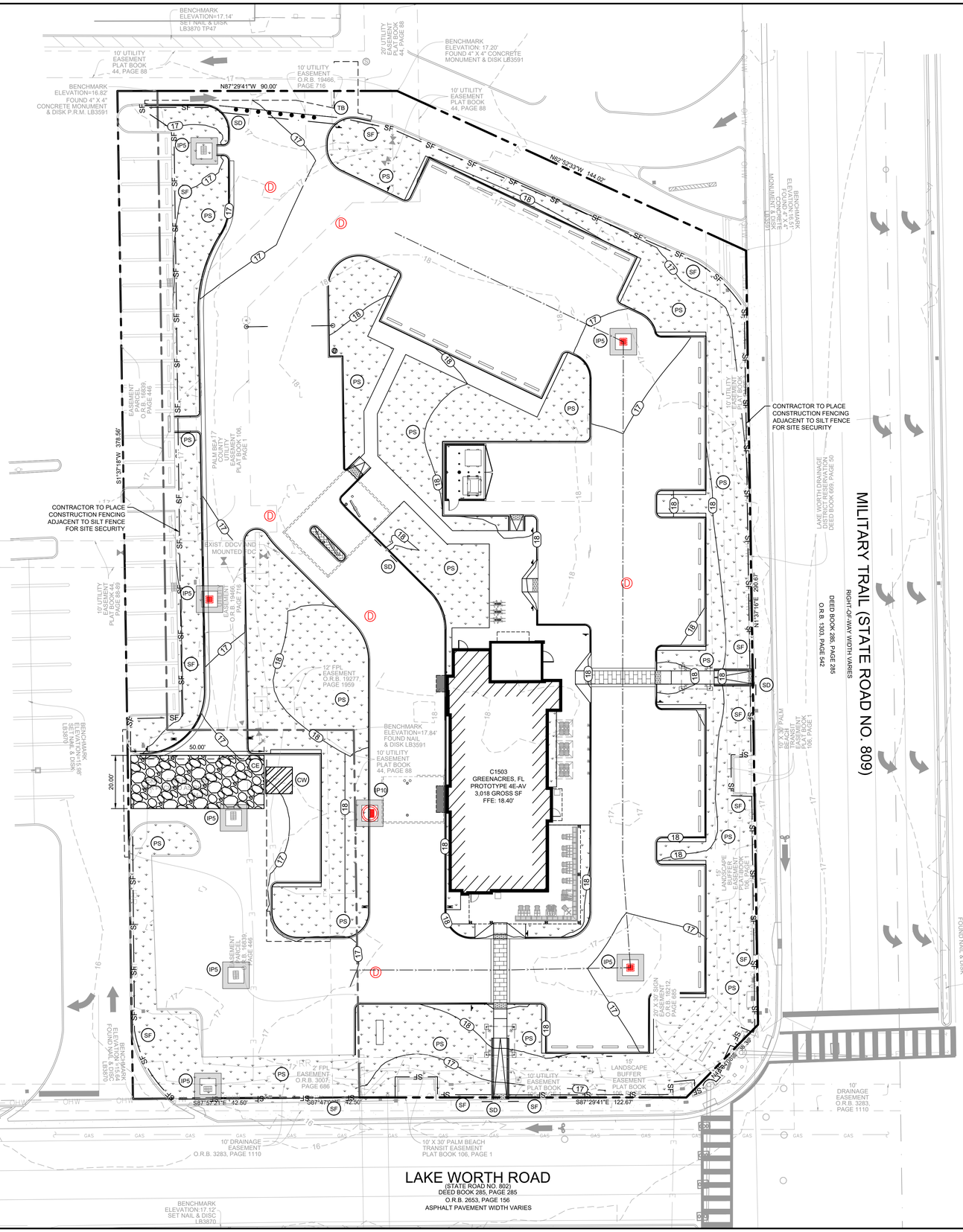
DEMOLITION:

1. KH IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. THIS PRELIMINARY DEMOLITION PLAN SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE.
2. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN, WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION PROVIDED BY OTHERS, SHOWS ALL IMPROVEMENTS AND UTILITIES, THAT THE IMPROVEMENTS AND UTILITIES ARE SHOWN ACCURATELY, OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ITS OWN SITE RECONNAISSANCE TO SCOPE ITS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND PROCESS FOR THE REMOVAL OF THEIR FACILITIES.
3. THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, NOTHING MORE. THE GOAL OF THE DEMOLITION IS TO LEAVE THE SITE IN A STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT. REMOVAL OR PRESERVATION OF IMPROVEMENTS, UTILITIES, ETC. TO ACCOMPLISH THIS GOAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR IS STRONGLY CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND IMPLEMENTING THE DEMOLITION PLAN:
   a. ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER,
   b. ASBESTOS BUILDING INSPECTION REPORT(S) PROVIDED BY THE OWNER,
   c. GEOTECHNICAL REPORT PROVIDED BY THE OWNER.
   d. OTHER REPORTS THAT ARE APPLICABLE AND AVAILABLE.
5. THE CONTRACTOR SHALL CONTACT THE OWNER TO VERIFY WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED REPORTS HAVE BEEN PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO STARTING ANY WORK ON THE SITE.
6. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON THE SITE AND THE DISPOSAL OF THE DEMOLISHED MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE SITE, DETERMINE THE APPLICABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY.
7. KH DOES NOT REPRESENT THAT THE REPORTS AND SURVEYS REFERENCED ABOVE ARE ACCURATE, COMPLETE, OR COMPREHENSIVE SHOWING ALL ITEMS THAT WILL NEED TO BE DEMOLISHED AND REMOVED.
8. SURFACE PAVEMENT INDICATED MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT, FOUNDATIONS OR WALLS, THAT ARE ALSO TO BE REMOVED.

GRADING:

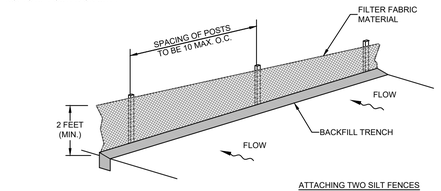
1. THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
2. THE CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE LOCAL JURISDICTION.
3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PA


BENCHMARK ELEVATION=17.14' SET NAIL & DISK LB3870 TP47
10' UTILITY EASEMENT PLAT BOOK 44, PAGE 88
EXIST. DRAINAGE CATCH BASIN TO REMAIN AND BE PROTECTED
N87°29'4
SEE NOTE 19
20' UTILITY EASEMENT #4 PLAT BOOK 44, PAGE 88
BENCHMARK ELEVATION: 17.20' FOUND 4" X 4" CONCRETE MONUMENT & DISK LB3591
0' UTILITY EASEMENT O.R.B. 19495, PAGE 716
10' UTILITY EASEMENT PLAT BOOK 44, PAGE 88
EXIST. TREE TO REMAIN AND BE PROTECTED. SEE DETAIL THIS SHEET
CONCRETE MONUMENT & DISK P.R.M. LB3591
EXIST. GATE VALVES TO REMAIN & BE PROTECTED (TYP.)
CUT AND TEMPORARILY CAP EXIST. WATER LINE
EXIST. UNKNOWN UTILITY LINE. CONTRACTOR TO FIELD VERIFY MATERIAL, SIZE, AND TRACE SOURCE TO CONFIRM W/ EOR PRIOR TO REMOVAL
N82°52'33"W 144.07'
EXIST. DRAINAGE CATCH BASIN TO BE REMOVED. THE NW AND SW DRAINAGE PIPES AND INVERTS ARE TO REMAIN AND BE PROTECTED TO CONNECT TO A PROPOSED MANHOLE
EXIST. DRAINAGE PIPE TO REMAIN (FULL LENGTH)
EXIST. TREE TO REMAIN AND BE PROTECTED. REFER TO DETAIL THIS SHEET
EXIST. OVERHEAD WIRES AND GUY WIRE ANCHORS TO REMAIN AND BE PROTECTED
EXIST. WATER PIPE TO BE REMOVED FOR PROP. WATER PIPE MODIFICATIONS
CUT AND TEMPORARILY CAP EXIST. WATER LINE
EXIST. WATER PIPE TO REMAIN
EASEMENT PARCEL 2 O.R.B. 19495, PAGE 446
PALM BEACH COUNTY WATER EASEMENT PAGE 1
S1°37'18"W 378.56'
ONE STORY BUILDING #3969
FLOOR ELEVATION: 18.38'
BUILDING HEIGHT: 27.8'
(DECORATIVE FEATURES NOT SHOWN)
LOADING ZONE
MILITARY TRAIL (STATE ROAD NO. 809)
RIGHT-OF-WAY WIDTH VARIES
DEED BOOK 286, PAGE 288
O.R.B. 1303, PAGE 942
N 1°37'18" E 1009.67'
LAKE WORTH DRAINAGE DISTRICT RESERVATION DEED BOOK 480, PAGE 58
BENCHMARK ELEVATION=17.84' FOUND NAIL & DISK LB3591
BENCHMARK ELEVATION: 17.17' FOUND 4" X 4" CONCRETE MONUMENT & DISK LB3591
EXIST. WATER PIPE, DDCV, AND ATTACHED FDC TO REMAIN AND BE PROTECTED
EXIST. GATE VALVE TO REMAIN & BE PROTECTED (TYP.)
EXIST. DRAINAGE CATCH BASIN TO BE REPLACED
EXIST. TREES TO REMAIN AND BE PROTECTED. SEE DETAIL THIS SHEET
EXIST. 8" WATER PIPE TO REMAIN
EXIST. TREE TO REMAIN AND BE PROTECTED. SEE DETAIL THIS SHEET
EXIST. FIRE HYDRANT TO REMAIN AND BE PROTECTED
EXIST. UTILITY POLE AND OVERHEAD WIRES TO REMAIN
EXIST. TREE TO REMAIN AND BE PROTECTED. REFER TO DETAIL THIS SHEET
FDOT SIDEWALK TO BE REMOVED AND REPLACED PER SITE PLAN
EXIST. ELECTRICAL PAD TO REMAIN AND BE PROTECTED
EXIST. DRAINAGE PIPE TO BE CAPPED AT PROPERTY LINE (SEE NOTE NO. 25)
EXIST. DRAINAGE PIPE TO REMAIN
EXIST. DRAINAGE EXFILTRATION TRENCH TO BE REMOVED UP TO PROPERTY LIMITS
EXIST. BUS SHELTER AND CONCRETE PAD TO REMAIN
EXIST. BUS SHELTER SIGN TO REMAIN
EXIST. TREE TO REMAIN AND BE PROTECTED. REFER TO DETAIL THIS SHEET
EXIST. DRAINAGE PIPE TO REMAIN (FULL LENGTH)
SEE NOTE 19
EXIST. DRAINAGE CATCH BASIN TO REMAIN AND BE PROTECTED
EXIST. TREES TO REMAIN AND BE PROTECTED. SEE DETAIL THIS SHEET
EXIST. TREE TO BE RELOCATED REFER TO LANDSCAPE PLANS
EXIST. DRAINAGE PIPE AND EXFILTRATION TRENCH 15-FT SECTION TO BE REMOVED. ENDS OF THE EXISTING EXFILTRATION TRENCH TO BE WRAPPED WITH FILTER FABRIC AND COMBINED WITH EXISTING UNDERGROUND SYSTEM
EXIST. DRAINAGE PIPE TO REMAIN (FULL LENGTH)
EXIST. DRAINAGE CATCH BASIN TO BE REPLACED
EXIST. DRAINAGE PIPE TO REMAIN
EXIST. TREE TO REMAIN AND BE PROTECTED. SEE DETAIL THIS SHEET
EXIST. TREES (5) TO REMAIN AND BE PROTECTED. REFER TO DETAIL THIS SHEET
EXIST. DRAINAGE PIPE TO REMAIN
EXIST. DRAINAGE CATCH BASIN TO REMAIN AND BE PROTECTED
EXIST. MONUMENT SIGN TO REMAIN AND BE PROTECTED
EXIST. TREE TO REMAIN AND BE PROTECTED. SEE DETAIL THIS SHEET
EXIST. DRAINAGE PIPE TO REMAIN (FULL LENGTH)
EXIST. DRAINAGE CATCH BASIN TO REMAIN AND BE PROTECTED
EXIST. TREES TO REMAIN AND BE PROTECTED. SEE DETAIL THIS SHEET
EXIST. WARNING SIGN TO REMAIN
EXIST. UTILITY POLE AND OVERHEAD WIRES TO REMAIN
EXIST. BUS STOP SIGN TO BE REMAIN
EXIST. BUS SHELTER AND CONCRETE PAD TO REMAIN
EXIST. OVERHEAD WIRES AND GUY WIRE ANCHORS TO REMAIN AND BE PROTECTED
LAKE WORTH ROAD
(STATE ROAD NO. 802)
DEED BOOK 285, PAGE 285
O.R.B. 2653, PAGE 156
ASPHALT PAVEMENT WIDTH VARIES
BENCHMARK ELEVATION:17.12' SET NAIL & DISC LB3870
S87°57'21"E 42.50'
S87°47'06"E 42.50'
S87°29'41"E 122.67'
10' DRAINAGE EASEMENT O.R.B. 3283, PAGE 1110
10' X 30' PALM BEACH TRANSIT EASEMENT PLAT BOOK 106, PAGE 1
10' UTILITY EASEMENT PLAT BOOK 106, PAGE 1
LANDSCAPE BUFFER EASEMENT PLAT BOOK 106, PAGE 1
10' FPL EASEMENT O.R.B. 19277, PAGE 1959
10' FPL EASEMENT O.R.B. 3007, PAGE 686
10' UTILITY EASEMENT PLAT BOOK 44, PAGE 88
10' UTILITY EASEMENT PLAT BOOK 88-89
10' UTILITY EASEMENT PLAT BOOK 44, PAGE 88
10' UTILITY EASEMENT PLAT BOOK 106, PAGE 1
10' UTILITY EASEMENT O.R.B. 19495, PAGE 716
10' UTILITY EASEMENT PLAT BOOK 44, PAGE 88

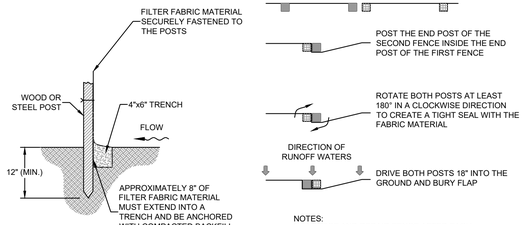

BENCHMARK ELEVATION=17.14' SET NAIL & DISK LB3870 TP47
BENCHMARK ELEVATION=16.82' FOUND 4" X 4" CONCRETE MONUMENT & DISK P.R.M. LB3591
BENCHMARK ELEVATION: 17.20' FOUND 4" X 4" CONCRETE MONUMENT & DISK LB3591
10' UTILITY EASEMENT PLAT BOOK 44, PAGE 88
20' UTILITY EASEMENT PLAT BOOK 44, PAGE 88
10' UTILITY EASEMENT O.R.B. 19466, PAGE 716
N87°29'41"W 90.00'
N82°52'33"W 144.09'
S1°37'18"W 378.56'
CONTRACTOR TO PLACE CONSTRUCTION FENCING ADJACENT TO SILT FENCE FOR SITE SECURITY
EXIST. DDCV WITH MOUNTED DC
EASEMENT PARCEL O.R.B. 19466, PAGE 446
PALM BEA 17 COUNTY UTILITY EASEMENT PLAT BOOK 106, PAGE 1
12' FPL EASEMENT O.R.B. 19277, PAGE 1959
C1503 GREENACRES, FL PROTOTYPE 4E-AV 3,018 GROSS SF FFE. 18.40'
50.00'
20.00'
2' FPL EASEMENT O.R.B. 3007, PAGE 686
10' UTILITY EASEMENT PLAT BOOK 44, PAGE 88
15' LANDSCAPE BUFFER EASEMENT PLAT BOOK 106, PAGE 1
S87°57'21"E 142.50'
S87°47'05"E 42.50'
S87°29'41"E 122.67'
10' DRAINAGE EASEMENT O.R.B. 3283, PAGE 1110
10' X 30' PALM BEACH TRANSIT EASEMENT PLAT BOOK 106, PAGE 1
LAKE WORTH DRAINAGE DISTRICT RESERVATION DEED BOOK 486, PAGE 58
MILITARY TRAIL (STATE ROAD NO. 809)
RIGHT-OF-WAY WIDTH VARIES
DEED BOOK 286, PAGE 285
O.R.B. 3283, PAGE 542
LAKE WORTH (STATE ROAD NO. 802)
DEED BOOK 285, PAGE 285
O.R.B. 2653, PAGE 156
ASPHALT PAVEMENT WIDTH VARIES
BENCHMARK ELEVATION=17.84' FOUND NAIL & DISK LB3591
BENCHMARK ELEVATION=17.12' SET NAIL & DISC LB3870

EROSION CONTROL NOTES

1. SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
2. ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
3. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
4. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
5. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
6. AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
7. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL.
8. SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
9. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
10. PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
11. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.
12. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
13. PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
14. EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN THE "FLORIDA EROSION AND SEDIMENT CONTROL MANUAL" AND COUNTY PERMITS.
15. CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DEWATERING ACTIVITIES.
16. CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
17. THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
18. NOI TO BE POSTED ON SITE.

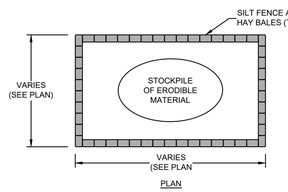


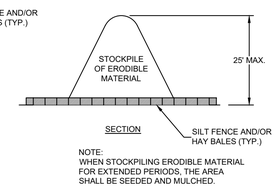
ATTACHING TWO SILT FENCES



NOTES:
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

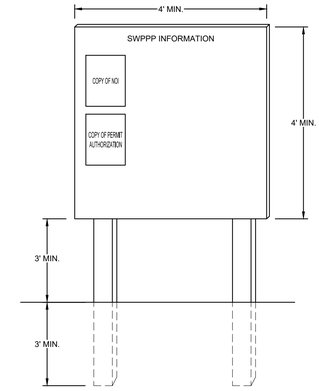
SILT FENCE INSTALLATION
N.T.S





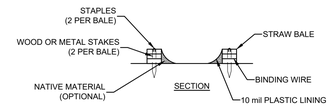
NOTE:
WHEN STOCKPILING ERODIBLE MATERIAL FOR EXTENDED PERIODS, THE AREA SHALL BE SEEDED AND MULCHED.

SEDIMENT CONTROL FOR STOCKPILING OF ERODIBLE MATERIAL
N.T.S

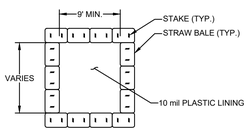


SWPPP INFORMATION SIGN
N.T.S

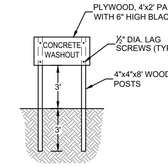
NOTES:
1. "SWPPP INFORMATION" MUST BE DISPLAYED PROMINENTLY ACROSS THE TOP OF THE SIGN, AS SHOWN IN THE DETAIL.
2. SIGN TO BE CONSTRUCTED OF A RIGID MATERIAL, SUCH AS PLYWOOD OR OUTDOOR SIGN BOARD. SIGN MUST BE CONSTRUCTED IN A MANNER TO PROTECT DOCUMENTS FROM DAMAGE DUE TO WEATHER (WIND, SUN, MOISTURE, ETC.).
3. THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE ENTRANCE/EXIT OF THE SITE. SUCH THAT IT IS ACCESSIBLE/VIEWABLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
4. ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
5. CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE LOCAL AGENCY.
6. SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
7. CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THIS SWPPP INFORMATION SIGN.

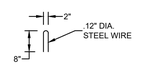


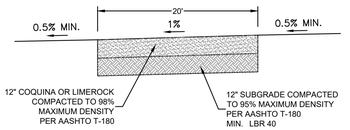
NOTES:
1. ACTUAL LAYOUT DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



CONCRETE & STUCCO WASTE MANAGEMENT
N.T.S



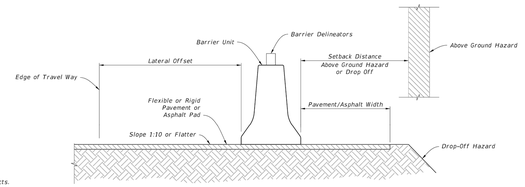




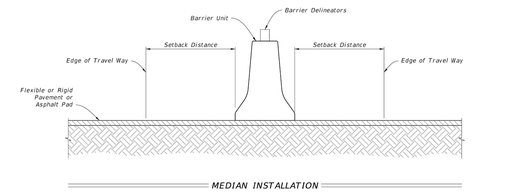
TEMPORARY STABILIZED ACCESS ROAD
N.T.S

GENERAL NOTES:

1. Temporary barrier systems may be any of the following:
   - A. Type K Temporary Concrete Barrier System (Index 102-110) installed as either Free-Standing or Anchored.
   - B. Proprietary Temporary Barrier Systems on the Approved Product List (APL).
     - a. Concrete Barrier (Free-Standing or Anchored)
     - b. Steel Barrier (Anchored)
     - c. Water Filled Barrier (Free-Standing)
2. Where existing flexible pavement is not present, construct a minimum 2" thick temporary Asphalt Pad using Miscellaneous Asphalt Pavement in accordance with Specification 339 with the exception that the use of a pre-emergent herbicide is not required.
3. For Barrier Delineators, see Specification 102. Mount on top of temporary barriers. Color must match adjacent longitudinal pavement marking.
4. Remove all grass debris, loose dirt, and sand for the pavement, bridge deck, or asphalt pad surface within the barrier footprint just prior to placement of the temporary barrier.
5. Ensure the setback distance is clear of any grass, construction debris, stockpiled materials, equipment, and objects.
6. Transitions are required between Type K Barrier and free-standing, anchored, back-filled or other types of temporary barrier. See Index 102-110 for transitions between Type K Barrier and permanent bridge or traffic railing. Refer to the APL for transitions allowed for Proprietary Temporary Barrier Systems.
7. Anchoring (Bolting) of temporary barrier or crash cushions is not permitted on bridge superstructures that contain post-tensioned tendons within the concrete deck (top flange of concrete box girders) or on bridge superstructures consisting of longitudinally prestressed, transversely post-tensioned, solid or voided concrete slab units.
8. Anchor abutting segments of temporary barrier terminated with a Crash Cushion as shown in Index 102-110 or the APL.
9. The requirements of this Index do not apply to Temporary Low Profile Barrier, See Index 102-120.
10. Setback requirements below cover most Temporary Barrier options. Provide additional setback distance for APL products that require additional setback (deflection) space.



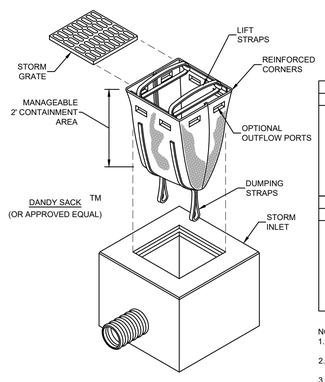
ROADSIDE INSTALLATION



MEDIAN INSTALLATION

INSTALLATION DATA			
CONDITION	LATERAL OFFSET	SETBACK DISTANCE	PAVEMENT/ ASPHALT WIDTH
Anchored	2' Min.	2' Min. (See Note)	1' Min.
Free-standing	2' Min.	4' Min.	4' Min.
NOTE: For Bridge Decks see Index 102-110 or APL.			

LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	TEMPORARY BARRIER	INDEX	SHEET
11/01/20	REVISION			102-100	1 of 4

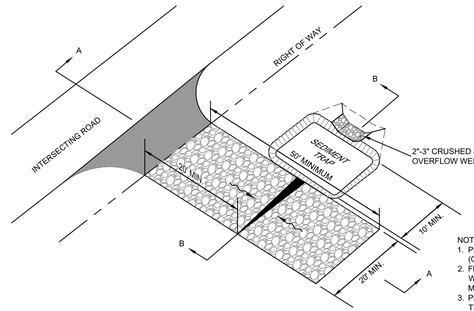


INLET INSERT
N.T.S

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	80 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC -1
MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1

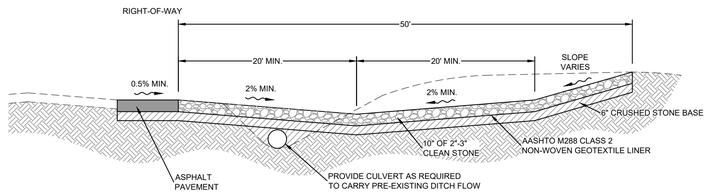
NOTES:
1. FOR TEMPORARY USE TO CAPTURE LARGER DIAMETER SEDIMENTS. NOT TO BE UTILIZED AS THE ONLY SEDIMENT CONTAINMENT SYSTEM
2. GEOTEXTILE WILL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEED REQUIREMENTS IN THE SPECIFICATIONS TABLE.
3. AN OIL ADSORBENT PAD OR PILLOW CAN BE PURCHASED WHEN OIL SPILLS ARE A CONCERN.
4. INSPECT PER REGULATORY REQUIREMENTS.

INLET PROTECTION DETAILS

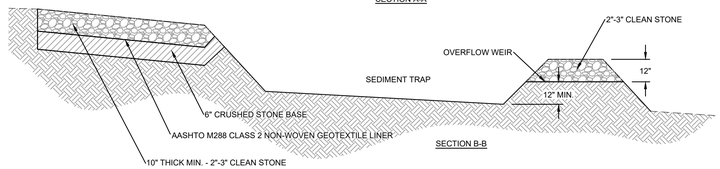


VIEW

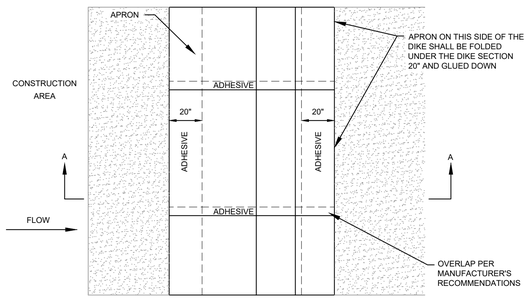
NOTES:
1. PROVIDE SEDIMENT TRAP ON DOWN GRADIENT SIDE (OR BOTH SIDES) AS REQUIRED.
2. FLUSH SURFACE STONE TOWARD SEDIMENT TRAP WITH HIGH VOLUME WATER FLOW AS NEEDED TO MAINTAIN CLEAN SURFACE STONE.
3. PLACEMENT OF SEDIMENT TRAP SHALL BE AT LEAST THE MINIMUM DISTANCE FROM THE RIGHT OF WAY AS REQUIRED BY LOCAL JUSIDICTION.



SECTION A-A



SECTION B-B

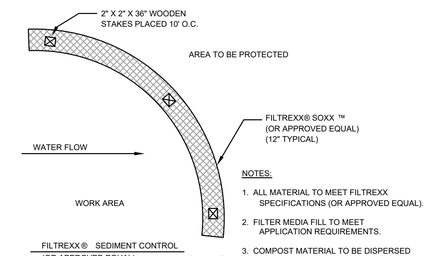


NOTES:
1. INSTALLED SILT DIKE UNIT SHALL HAVE CONTINUOUS AND FIRM CONTACT WITH PAVEMENT.

2. ADHESIVES SHALL BE LIQUID NAIL OR APPROVED EQUAL FOR CONCRETE PAVEMENT APPLICATIONS AND EMULSIFIED ASPHALT FOR ASPHALT APPLICATIONS. ADHESIVE SHALL BE PLACED WHERE THE UNITS OVERLAP AND A 20" STRIP ALONG BOTH EDGES.

SILT DIKE ON EXISTING PAVEMENT
N.T.S

CONSTRUCTION EXIT
N.T.S



FILTREXX® SEDIMENT CONTROL (OR APPROVED EQUAL)
N.T.S.

PLAN VIEW

NOTES:
1. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS (OR APPROVED EQUAL).
2. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	DESCRIPTION	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

REVISIONS

Kimley»Horn

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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

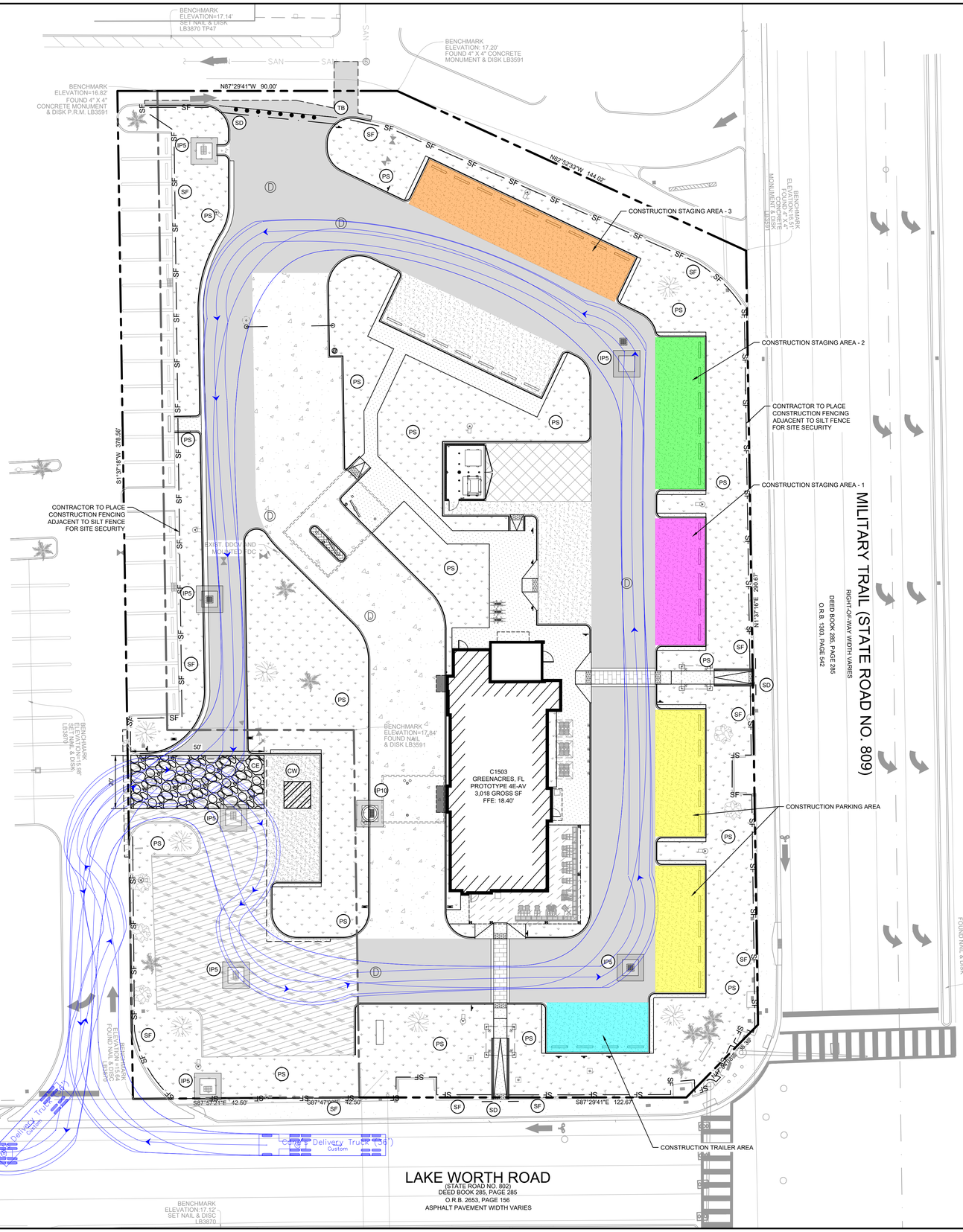
EROSION CONTROL DETAILS

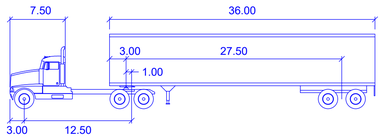
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-201

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: C-201 EROSION CONTROL DETAILS May 18, 2026 04:26:55pm K:\FTL_Civil\147793053 - Raising Cane's - C1503 - Military Trail & Lake Worth\CAD\PlanSheets\C-EROS-DET1.dwg
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Cane's Delivery Truck (36')

feet

Tractor Width	: 8.00	Lock to Lock Time	: 6.0
Trailer Width	: 8.00	Steering Angle	: 28.4
Tractor Track	: 8.00	Articulating Angle	: 75.0
Trailer Track	: 8.00		

NOTES:
1. TRUCK ROUTING AND TRUCK PROFILE DISPLAYED ARE FOR REFERENCE OF CONSTRUCTION VEHICLES TURNING RADII AND PATH THROUGH THE SITE DURING CONSTRUCTION PHASING.

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- SF — SILT FENCE
- PS — PERMANENT STABILIZATION
- IPS — INLET PROTECTION. SEE SHEET C-201 FOR DETAILS
- IP10 — CURB INLET PROTECTION. SEE SHEET C-201 FOR DETAILS
- CW — CONCRETE WASHOUT PIT. SEE SHEET C-201 FOR DETAILS
- TB — TEMPORARY BARRICADE SEE SHEET C-201 FOR DETAILS
- CE — PROPOSED CONSTRUCTION ENTRANCE. SEE SHEET C-201 FOR DETAILS
- SD — SILT DIKE SEE SHEET C-201 FOR DETAILS
- CONCRETE SIDEWALK PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 6" MEDIUM DUTY CONCRETE PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 7" HEAVY DUTY CONCRETE PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 1.5" LIGHT DUTY ASPHALT PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 2.5" HEAVY DUTY ASPHALT PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- PROPOSED CROSSWALK W/ PAVERS AND 12" HEADER CURB. REFERENCE DETAILS ON SHEET C-600
- PROPOSED MILL & RESURFACE
- PROPOSED COLORED CONCRETE SIDEWALK PAVEMENT
- CONSTRUCTION TRAILER AREA
- CONSTRUCTION PARKING AREA
- CONSTRUCTION STAGING - 1
- CONSTRUCTION STAGING - 2
- CONSTRUCTION STAGING - 3
- PROPOSED LIGHT POLE

NOTES:
1. REFER TO SHEET C-200 - EROSION CONTROL PLAN FOR EROSION CONTROL MEASURES DURING CONSTRUCTION PHASING.

GROUNDWATER / DEWATERING NOTE:

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1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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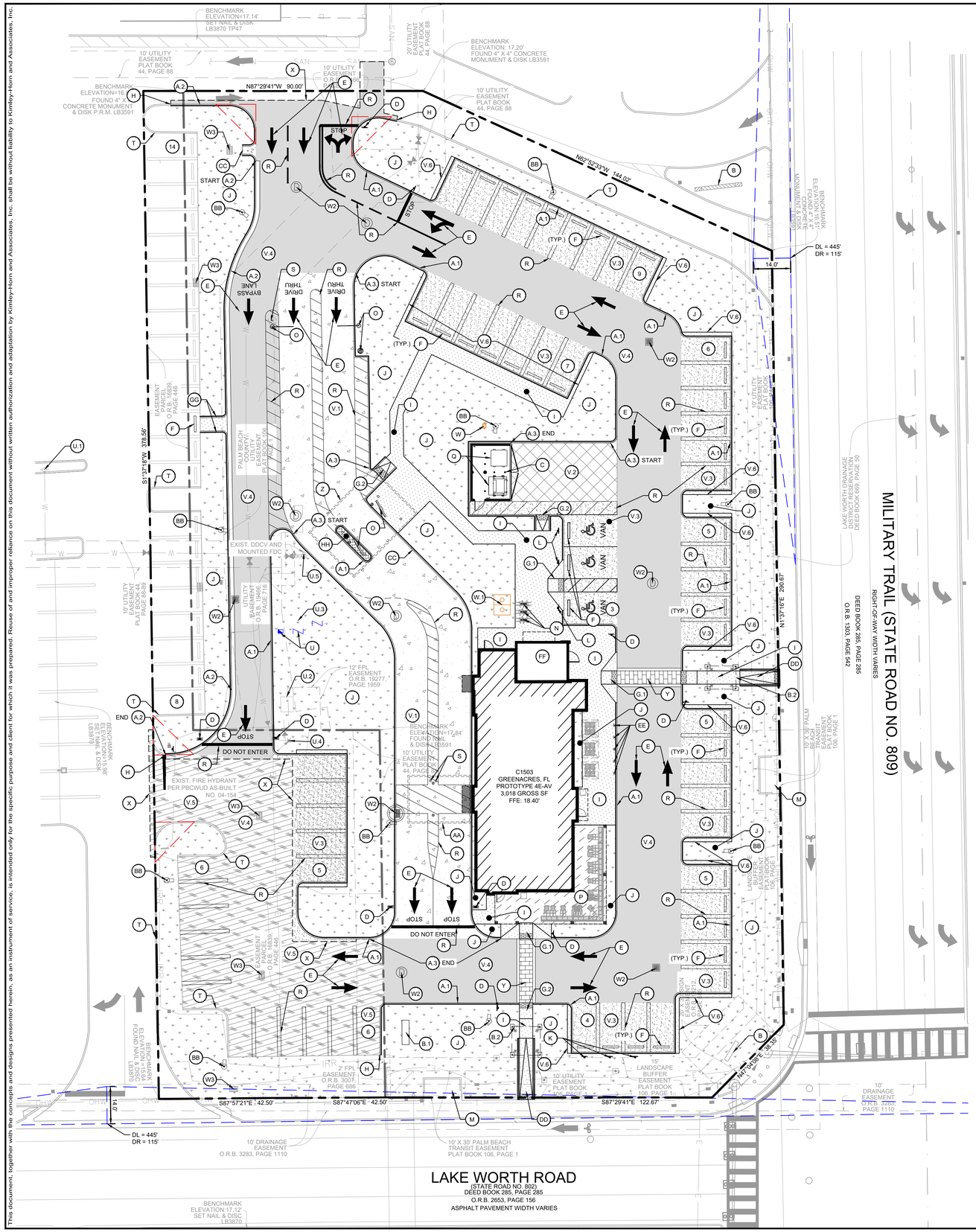
CONSTRUCTION STAGING PLAN

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-202

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: C-202 CONSTRUCTION STAGING PLAN May 19, 2026 04:27:25pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503\ - Military Trail & Lake Worth\CAD\PlanSheets\C-CONST STAGING PLAN.dwg
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SITE DATA

PARCEL A OF "MIL-LAKE CVS"

PARCEL CONTROL NO. (PCN)	18-42-44-24-38-001-0000
EXISTING LAND USE DESIGNATION	CM - COMMERCIAL
EXISTING ZONING	CI-COMMERCIAL INTENSIVE
EXISTING USE	SMALL DISCOUNT STORE
PROPOSED USE	RESTAURANT W/ DRIVE-THRU
TOTAL SITE AREA	84,571 SF / 1.94 AC
GROSS BUILDING AREA	3,018 GROSS SF
PROPOSED BUILDING TYPE	V-B
PROPOSED PATIO AREA	812 SF
PROPOSED CORRAL AREA	285 SF
PROPOSED ROOF AREA	3,273 SF
BUILDING TOTAL AREA	3,558 SF
FLOOR AREA RATIO (FAR)	0.036 (3.6%)

IMPERVIOUS VS PERVIOUS AREA (PCD BOUNDARY)

	EXISTING	PROPOSED
IMPERVIOUS (SF)	60,583	53,032
PERVIOUS (SF)	23,988	31,539

BUILDING HEIGHT (CI-ZONING DISTRICT)

	MAXIMUM	PROPOSED
BUILDING HEIGHT	35'	22'-0" [4]

HOURS OF OPERATIONS[3]

OPEN	9:00 AM
CLOSE	3:30 AM

ESTIMATED OCCUPANCY

INDOOR (FBC)	104

EMPLOYEES AND SEATING

NUMBER OF EMPLOYEES	8
INTERIOR SEATING	72
EXTERIOR PATIO SEATING	41
TOTAL SEATING	113

PARKING TABLE

	REQUIRED	PROPOSED
STANDARD PARKING	38 SPACES	80 SPACES
ACCESSIBLE	2 SPACES	3 SPACES
TOTAL PARKING	38 SPACES	83 SPACES[5]

BICYCLE PARKING

	REQUIRED	PROPOSED
BICYCLE PARKING (EACH)	5 SPACES	6 SPACES

NOTES:
1. PARKING REQUIRED FOR DRIVE-THRU RESTAURANT IS 1 SPACE PER 3 PERSONS NORMALLY ACCOMMODATED, AND BICYCLE PARKING SPACES REQUIRED IS 1 SPACE PER 20 VEHICULAR PARKING SPACES - OR A MINIMUM OF 5 BICYCLE PARKING SPACES, PER PRE-DEVELOPMENT REPORT PROVIDED BY CDS, DATED 06/27/2025.
2. DELIVERIES TO OCCUR ONLY DURING RESTAURANT'S NON-OPERATING HOURS (BEFORE OPENING AND/OR AFTER CLOSING).
3. OPERATIONAL HOURS CONSIDER DRIVE THRU ALONG WITH INDOOR AND OUTDOOR DINING.
4. HEIGHT MEASURED IS FROM GROUND LEVEL TO TOP-OF-TOWER.
5. SHARED PARKING ALONG THE WEST OF THE SITE IS INCLUDED IN THE CALCULATION AND ALSO AVAILABLE TO SERVE THE SITE - AS PART OF THE MIL/LAKE PLAZA SHOPPING CENTER

ZONING COMPLIANCE NOTES:
1. OUTDOOR SEATING SHALL COMPLY WITH ALL BUILDING, FIRE, AND APPLICABLE SAFETY CODE REQUIREMENTS.
2. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

SIGN REGULATION NOTE:
1. ALL PROPOSED SIGNAGE SHALL COMPLY WITH THE APPROVED MASTER SIGN PLAN (MSP) AND ANY SIGN ELEMENT NOT SPECIFICALLY ADDRESSED IN THE APPROVED MSP SHALL COMPLY WITH THE CITY SIGNAGE REQUIREMENTS.

SITE LIGHTING NOTE:
1. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

MSP NOTE:
1. ALL SIGNAGE SHALL COMPLY WITH THE SIGN PROGRAM FOR THE RAISING CANE'S RESTAURANT, AND THE MASTER SIGN PLAN (MSP) FOR THE MIL-LAKE PLAZA. ANY SIGN ELEMENT NOT SPECIFICALLY ADDRESSED IN THE SIGN PROGRAM FOR THE RAISING CANE'S RESTAURANT OR THE APPROVED MSP FOR THE MIL-LAKE PLAZA SHALL COMPLY WITH THE CITY SIGN REQUIREMENTS.

SITE KEYNOTES

A.1	TYPE 'D' CURB. REFERENCE SHEET C-600 - CONSTRUCTION DETAILS
A.2	TYPE 'F' CURB & GUTTER. REFERENCE SHEET C-600 - CONSTRUCTION DETAILS
A.3	TYPE A MONOLYTHIC CURB. REFERENCE SHEET C-600 - CONSTRUCTION DETAILS
B	EXIST. MONUMENT SIGN
B.1	PROP. MONUMENT SIGN
B.2	PROPOSED TRELLIS W/ LIGHTED BOLLARDS AT EACH COLUMN. REFERENCE SHEET SP-3 & C-611 FOR DETAILS
C	RECYCLING/TRASH DUMPSTER LOCATION. REFER TO ARCHITECTURAL PLANS FOR DETAILS OF SCREENING, GATES, BOLLARDS AND MASONRY
D	SITE DIRECTIONAL SIGN. REFERENCE SHEET C-303 - STRIPING & SIGNAGE PLAN
E	DIRECTIONAL PAVEMENT MARKING. REFERENCE SHEET C-303 - STRIPING & SIGNAGE PLAN
F	WHEEL STOPS (PLACED AT ALL ON-SITE PARKING STALLS). SEE C-600 - CONSTRUCTION DETAILS
G.1	SIDEWALK CURB RAMP TYPE "CR-A" & DETECTABLE WARNING. REFERENCE SHEET C-601 - CONSTRUCTION DETAILS
G.2	SIDEWALK CURB RAMP TYPE "CR-E" & DETECTABLE WARNING. REFERENCE SHEET C-601 - CONSTRUCTION DETAILS
H	TIE PROPOSED CURB TO EXISTING CURB WITH SMOOTH, CONTINUOUS TRANSITION
I	PRIVATE 4" CONCRETE SIDEWALK. REFERENCE SHEET C-600 - CONSTRUCTION DETAILS
J	LANDSCAPE AREA. REFERENCE LANDSCAPE PLANS
K	MOBILE CURBSIDE PICK-UP SIGN REFERENCE SHEET C-303 - STRIPING & SIGNAGE PLAN
L	VAN ACCESSIBLE PARKING SIGN REFERENCE SHEET C-303 - STRIPING & SIGNAGE PLAN
M	EXISTING BUS SHELTER TO REMAIN
N	BICYCLE RACK. REFERENCE SHEET C-600 - CONSTRUCTION DETAILS
O	DRIVE THRU ORDER BOARD, PRE-ORDER BOARD OR HEIGHT DETECTOR. REFER TO ARCHITECTURAL PLANS FOR DETAILS
P	PATIO AREA. REFER TO ARCHITECTURAL PLANS FOR DETAILS
Q	CMU DUMPSTER. REFER TO ARCHITECTURAL PLANS FOR DETAILS
R	PAVEMENT STRIPING. REFERENCE SHEET C-303 - STRIPING & SIGNAGE PLAN
S	4 - INCH BOLLARD
T	EXISTING CURB
U	PROPOSED 2" WATER METER & RPZ. REFER TO SHEET C-500 - UTILITY PLAN
U.1	EXISTING FIRE HYDRANT
U.2	EXISTING FPL TRANSFORMER AND PAD. COORDINATE WITH E4 FOR FURTHER INFORMATION.
U.3	PROPOSED 1.5" IRRIGATION BACKFLOW PREVENTER. REFER TO IRRIGATION PLANS FOR CONTINUATION.
U.4	EXISTING FIRE HYDRANT TO REMAIN IN PLACE AND BE USED.
U.5	EXISTING DDVC MOUNTED FDC TO REMAIN IN PLACE AND BE USED.
V.1	6.0" MEDIUM DUTY CONCRETE PAVEMENT. SEE SHEET C-600 - CONSTRUCTION DETAILS
V.2	7.0" HEAVY DUTY CONCRETE PAVEMENT. SEE SHEET C-600 - CONSTRUCTION DETAILS
V.3	2.0" LIGHT DUTY ASPHALT PAVEMENT. SEE SHEET C-600 - CONSTRUCTION DETAILS
V.4	2.5" HEAVY DUTY ASPHALT PAVEMENT. SEE SHEET C-600 - CONSTRUCTION DETAILS
V.5	PROPOSED MILL & RESURFACE OF EXISTING PAVEMENT
V.6	18"W X 4"T CONCRETE PAVEMENT
W	PROPOSED OIL/WATER SEPARATOR
W.1	PROPOSED GREASE TRAP. SEE SHEET C-501 FOR DETAILS
W.2	PROP. STORM STRUCTURE. SEE STORM PLANS
W.3	EX. STORM STRUCTURE
X	SAWCUT LINE
Y	PROPOSED SPECIAL EMPHASIS CROSSWALK W/ W11-2 (MUTCD) SIGNAGE W/ SUPPLEMENTAL ARROWS. CROSSWALK PAVERS W/ 12" CONC. HEADER CURB & 12" WHITE LINES PER FDOT INDEX 700-001
Z	DRIVE-THRU CANOPY (BY OTHERS)
AA	EXPO-CANOPY (BY OTHERS)
BB	SITE LIGHTING. REFER TO LIGHTING PLANS FOR DETAILS
CC	CURB CUT. REFER TO SHEET C-402 - DRAINAGE PLAN
DD	PEDESTRIAN RAMP W/ HANDRAILS PER FDOT 515-070 W/ DETECTABLE WARNING. REFERENCE SHEET C-602 FOR DETAILS
EE	4" DIA. TRAFFIC RATED BOLLARD WITH LIGHTING.
FF	BUILDING CORRAL. REFER TO ARCHITECTURAL PLANS
GG	6" CURB TRANSITION FROM 0" TO 6" (VERTICAL) OVER 6' (HORIZONTAL)
HH	MENU BOARD ISLAND PAVERS (REFER TO LANDSCAPE PLANS).

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- CITY OF GREENACRES SIGHT TRIANGLE (15'X15')
- FDOT SIGHT DISTANCE AT INTERSECTIONS (DL = 445' / DR = 115')
- SAWCUT LINE
- PROPOSED CONCRETE CURB
- EXISTING CURB
- EXISTING TREE
- (#) PROPOSED PARKING COUNT (78 TOTAL PARKING SPACES)
- CONCRETE SIDEWALK PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 6" MEDIUM DUTY INTEGRAL COLORED CONCRETE PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 7" HEAVY DUTY INTEGRAL COLORED CONCRETE PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 2.0" LIGHT DUTY ASPHALT PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 2.5" HEAVY DUTY ASPHALT PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- PROPOSED CROSSWALK W/ PAVERS AND 12" HEADER CURB. REFERENCE DETAILS ON SHEET C-600
- PROPOSED MILL & RESURFACE
- PROPOSED COLORED CONCRETE SIDEWALK PAVEMENT
- PROPOSED LANDSCAPE. REFER TO LANDSCAPE PLANS

SITE NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL/MEP PLANS FOR SITE LIGHTING & ELECTRICAL PLAN.
3. REFERENCE ARCHITECTURAL PLANS FOR DUMPSTER ENCLOSURE DETAILS.
4. EXISTING STRUCTURES WITHIN CONSTRUCTION LIMITS ARE TO BE ABANDONED, REMOVED OR RELOCATED AS NECESSARY. ALL COSTS SHALL BE INCLUDED IN BASE BID. REFERENCE DEMOLITION PLAN.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COSTS SHALL BE INCLUDED IN BASE BID.
6. SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION TAKEN FROM A SURVEY DATED 06/25/2025 PROVIDED BY PULICE LAND SURVEYORS, INC. ADDITIONAL WET UTILITIES INFORMATION WAS REFERENCED VIA RECORD AS-BUILT DRAWINGS PROVIDED BY PALM BEACH COUNTY WATER UTILITIES DISTRICT, THROUGH RECORD DRAWING NO. 04-154.
7. THE COUNTY PLATTED AREA IS 1.59 ACRES. THE PCD BOUNDARY AREA IS 1.94 AC AS RECOGNIZED BY THE CITY OF GREENACRES THROUGH THE CVS PHARMACY IN MIL-LAKE PLAZA SITE PLAN.
8. CONTRACTOR SHALL ADJUST EXISTING VALVES, MANHOLE RIMS, ETC. AS NECESSARY TO MATCH FINISHED GRADE.
9. REFERENCE LANDSCAPE PLANS FOR PROPOSED BUFFERS, SCREENING, AND PLANTING.
10. THERE ARE EXISTING TREES ONSITE TO REMAIN. REFERENCE EROSION CONTROL AND LANDSCAPE PLANS FOR TREE PROTECTION.
11. FDOT SIGHT DISTANCE AT INTERSECTIONS ARE FOR REFERENCE AT DRIVEWAYS CONNECTING TO FDOT ROADS. THE DRIVEWAYS ALONG LAKE WORTH ROAD & MILITARY TRAIL SHALL NOT BE MODIFIED. VISIBILITY DISTANCES AND DIMENSIONS ARE PER FDOT EXHIBIT 212-7 FROM THE FDOT DESIGN MANUAL (01/01/2026) TOPIC #625-000-002 FOR DESIGN SPEED 45 MPH.

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T-BEAR, ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig. WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

SITE KEY NOTE PLAN

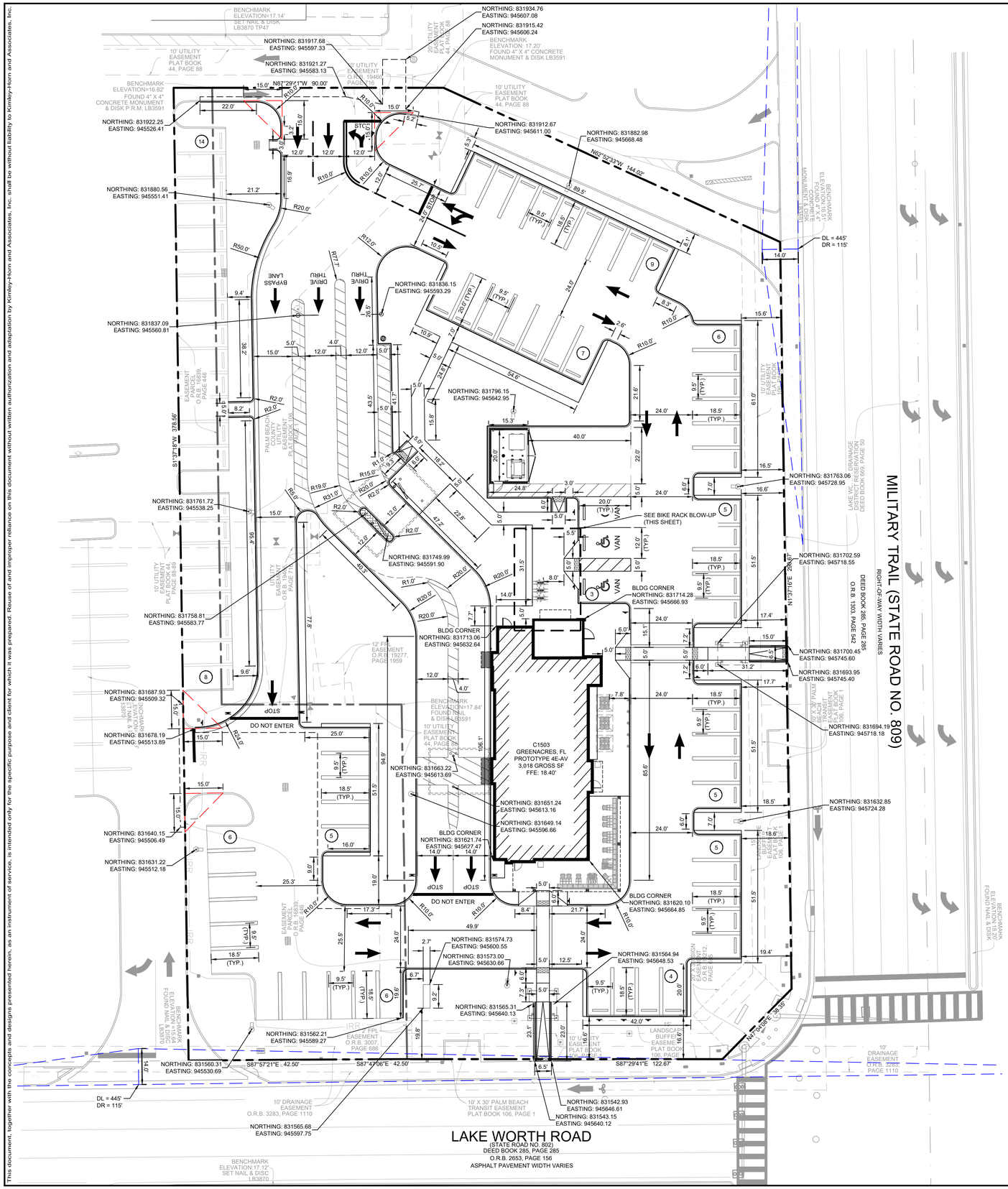
RAISING CANE'S RESTAURANT #1503

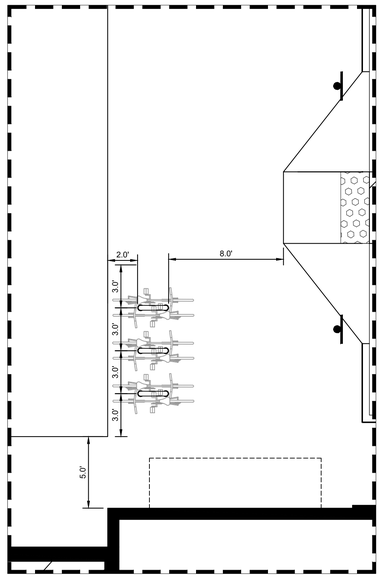
CITY OF GREENACRES FL

SHEET NUMBER C-300

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BIKE RACK BLOW-UP

GRAPHIC SCALE IN FEET

0 2.5 5 10

SEE SHEET C-600 - CONSTRUCTION DETAILS FOR BIKE RACK DETAIL



GRAPHIC SCALE IN FEET

0 10 20 40

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- SAWCUT LINE
- CITY OF GREENACRES SIGHT TRIANGLE (15'X15')
- FDOT SIGHT DISTANCE AT INTERSECTIONS (DL = 445' / DR = 115')
- (#) PROPOSED PARKING COUNT
- PROPOSED LIGHT POLE

DIMENSION NOTES

1. ALL CURB RADII ARE TO BE 2.5' UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
3. ALL CURBS SHALL BE 6" STANDARD PER FDOT STANDARD INDEX 520-001. EXCEPT WHERE OTHERWISE NOTED ON PLANS.
4. REFERENCE LANDSCAPE PLANS FOR PROPOSED BUFFERS, SCREENING, AND PLANTING.
5. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL BUILDING CORNERS AND DIMENSIONS WITH THE ARCHITECT'S BUILDING PLANS. THE CONTRACTOR SHALL CONTACT KIMLEY-HORN PRIOR TO CONSTRUCTION WITH ANY DISCREPANCIES.
6. FDOT SIGHT DISTANCE AT INTERSECTIONS ARE FOR REFERENCE AT DRIVEWAYS CONNECTING TO FDOT ROADS. THE DRIVEWAYS ALONG LAKE WORTH ROAD & MILITARY TRAIL SHALL NOT BE MODIFIED. VISIBILITY DISTANCES AND DIMENSIONS ARE PER FDOT EXHIBIT 212-7 FROM THE FDOT DESIGN MANUAL (01/01/2026) TOPIC #625-000-002 FOR DESIGN SPEED 45 MPH.

BENCHMARKS

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FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

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KHA PROJECT 147793053
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DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

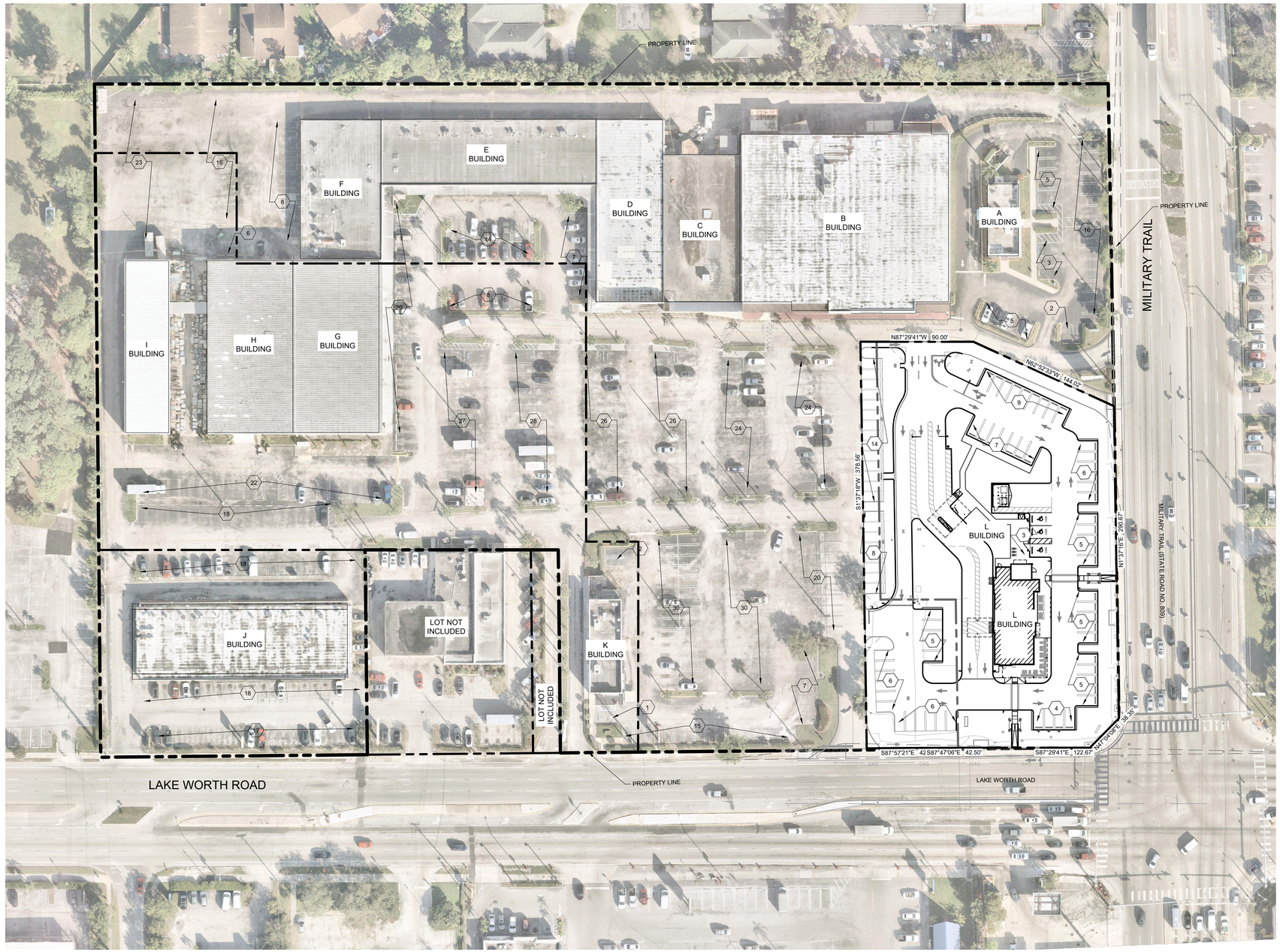
DIMENSION CONTROL PLAN

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-301

NOT FOR CONSTRUCTION - FOR PERMIT ONLY



SITE DATA		
PETITION NUMBER		PCD-81-02N
MASTER PLAN NAME		MIL-LAKE PLAZA
2026 PROJECT AMENDMENT NAME		RAISING CANE'S RESTAURANT
FUTURE LAND USE DESIGNATION		CM
ZONING DISTRICT		CI
SECTION, TOWNSHIP, RANGE		24/44/42
PROPERTY CONTROL NUMBERS		18-42-44-24-23-000-0011
		18-42-44-24-23-000-0012
		18-42-44-24-23-000-0020
		18-42-44-24-23-000-0040
		18-42-44-24-23-000-0050
		18-42-44-24-23-000-0060
		18-42-44-24-23-000-7490
TRAFFIC ANALYSIS ZONE		329
TOTAL SITE AREA		12.47 Ac
TOTAL GROSS FLOOR AREA (TOTAL PCD)		124,618
"A" EXISTING FAST FOOD (MIAMI GRILL)	(46 SEATS)	2,000 SF
"B" EXISTING RETAIL		31,600 SF
"C" EXISTING RETAIL		9,800 SF
"D" EXISTING RETAIL		10,600 SF
"E" EXISTING RETAIL		12,000 SF
"F" EXISTING RETAIL		9,800 SF
"G" EXISTING WAREHOUSE		12,800 SF
"H" EXISTING WAREHOUSE		12,800 SF
"I" EXISTING WAREHOUSE		6,400 SF
"J" EXISTING RETAIL		12,000 SF
"K" EXISTING FAST FOOD (KFC)	(50 SEATS)	1,800 SF
"L" PROPOSED FAST FOOD (RAISING CANE'S)	(138 SEATS)	3,018 SF
TOTAL FLOOR AREA RATIO		0.23
TOTAL BUILDING COVERAGE (SF)		23%
(INCLUDING CANOPYS OF 255 SF)		
BUILDING HEIGHT (FT)		MAX. 35
PARKING REQUIRED		
EX FAST FOOD (96 /3)		(32 PARKING SPACES)
RAISING CANE'S (138/3)		(46 PARKING SPACES)
RETAIL 1 SPACE/200 S.F. (85,800 /200)		(429 PARKING SPACES)
WAREHOUSE 1 SPACE/2,000 S.F. (32,000 /2000)		(16 PARKING SPACES)
REQUIRED PARKING		523
HANDICAP SPACES REQUIRED PER PARKING CALCULATIONS		11
PARKING PROVIDED		
EX FAST FOOD	=	34
RAISING CANE'S	=	83
EX RETAIL	=	429
EX. WAREHOUSE	=	22
PROPOSED PARKING		568
HANDICAP SPACES REQUIRED FROM PROVIDED (2% OF TOTAL)		12
HANDICAP SPACES PROVIDED		28

DEVELOPMENT TEAM	
DEVELOPER:	RAISING CANE'S, L.L.C. SARAH HOLMES 6800 BISHOP ROAD PLANO, TEXAS 75023 (423)-807-0008
SURVEYOR:	PULICE LAND SURVEYORS, INC. 5381 NOB HILL ROAD SUNRISE, FLORIDA 33351 (954)-572-1777
CIVIL ENGINEER:	JOHN L. CORDASCO, P.E. KIMLEY-HORN AND ASSOCIATES, INC. 8201 PETERS ROAD, SUITE 2200 PLANTATION, FL 33324 (561)-833-3114
ARCHITECT:	Ms. DIANA CHASE ZEBRA ARCHITECTURE, P.L.L.C 14614 N. KIELAND BLVD SUITE N 300 SCOTTSDALE, AZ 85254

BENCHMARKS

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NORTH

GRAPHIC SCALE IN FEET
0 25 50 100

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CHECKED BY JLC

MASTER PLAN

RAISING CANE'S RESTAURANT #1503

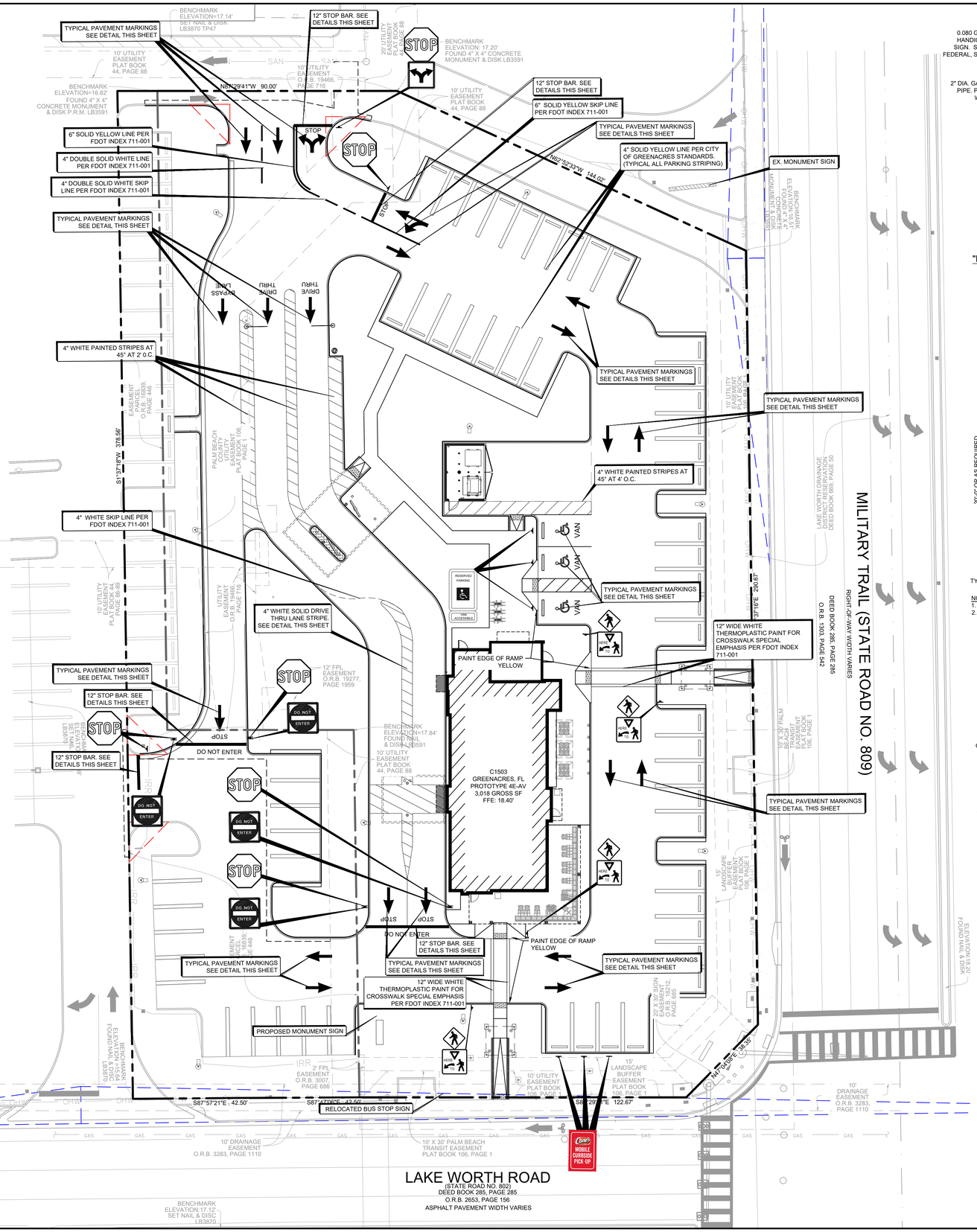
CITY OF GREENACRES FL

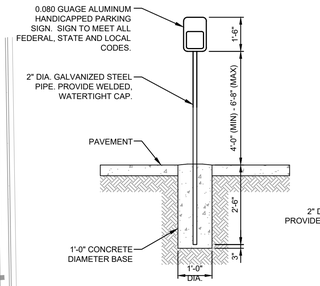
SHEET NUMBER MP-1

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: MP-1 MASTER PLAN May 19, 2026 12:56:14pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\MP-1 MASTER PLAN.dwg
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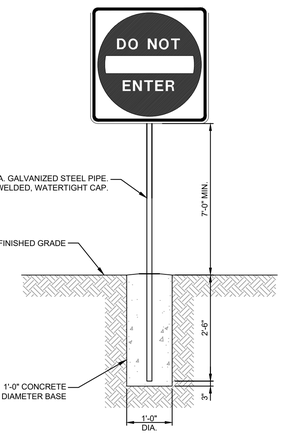
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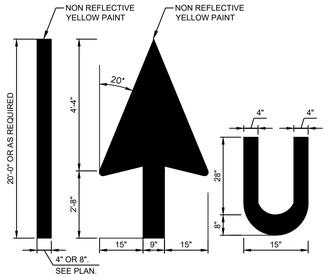




"HANDICAPPED PARKING" SIGN POST DETAIL
N.T.S.



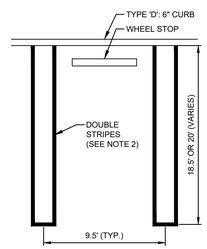
SIGN POST DETAIL
N.T.S.

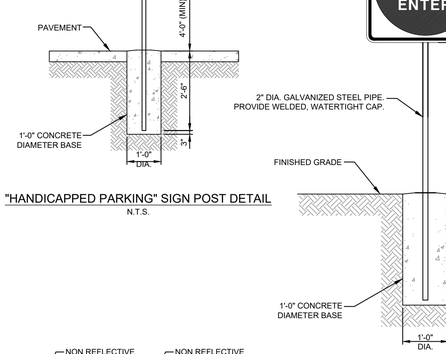


TYPICAL PAVEMENT STRIPING | TRAFFIC ARROW | TYPICAL LETTER

NOTES:
1. PAINT SHALL BE APPLIED AT A THICKNESS OF 22 WET MILS AND 15 DRY MILS.
2. PER CITY OF GREENACRES 16-335: FOR STANDARD 90° PARKING STALLS, THE WIDTH OF THE STRIPE SHALL BE PAINTED 4" YELLOW (THERMOPLASTIC), THE SEPARATION BETWEEN THE TWO STRIPES SHALL BE 12" AND THE SEPARATION SHALL BE CENTERED ON THE ASSUMED DIVIDING LINE BETWEEN THE PARKING SPACES. THE ENDS OF THE STRIPES AT THE DRIVING AISLE SHALL BE CONNECTED BY A STRAIGHT (I.E. PERPENDICULAR) FOUR-INCH STRIPE. STRIPING IS REQUIRED ADJACENT TO CURBING AND SHALL BE MARKED WITH A SINGLE 4" STRIPE.

TYPICAL PAVEMENT MARKINGS
N.T.S.





NOTES:
1. DIMENSIONS MAY VARY REFER TO SITE GEOMETRICS PLAN.
2. SIGNAGE AND MARKINGS TO BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

ACCESSIBLE PARKING DETAIL
N.T.S.

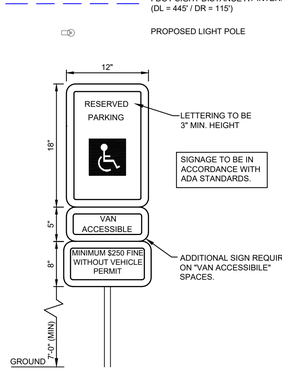
NOTE:
PAINT SHALL BE APPLIED AT A THICKNESS OF 22 WET MILS AND 15 DRY MILS.

DO NOT ENTER /ONE WAY BAR STRIPING
N.T.S.

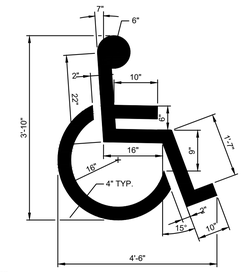


STANDARD PARKING LOT SIGNS
N.T.S.

MOBILE CURBSIDE PICK-UP SIGN
N.T.S.



ADA SIGN DETAIL
N.T.S.



NOTE:
1. ALL TRAFFIC MARKINGS TO BE WHITE THERMOPLASTIC AS PER DIMENSIONS SHOWN.

HANDICAPPED PARKING SYMBOL DETAIL
N.T.S.



GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- PROPOSED CURB
- EXISTING CURB
- CITY OF GREENACRES SIGHT TRIANGLE (15'X15')
- FDOT SIGHT DISTANCE AT INTERSECTIONS (DL = 445' / DR = 115')
- PROPOSED LIGHT POLE

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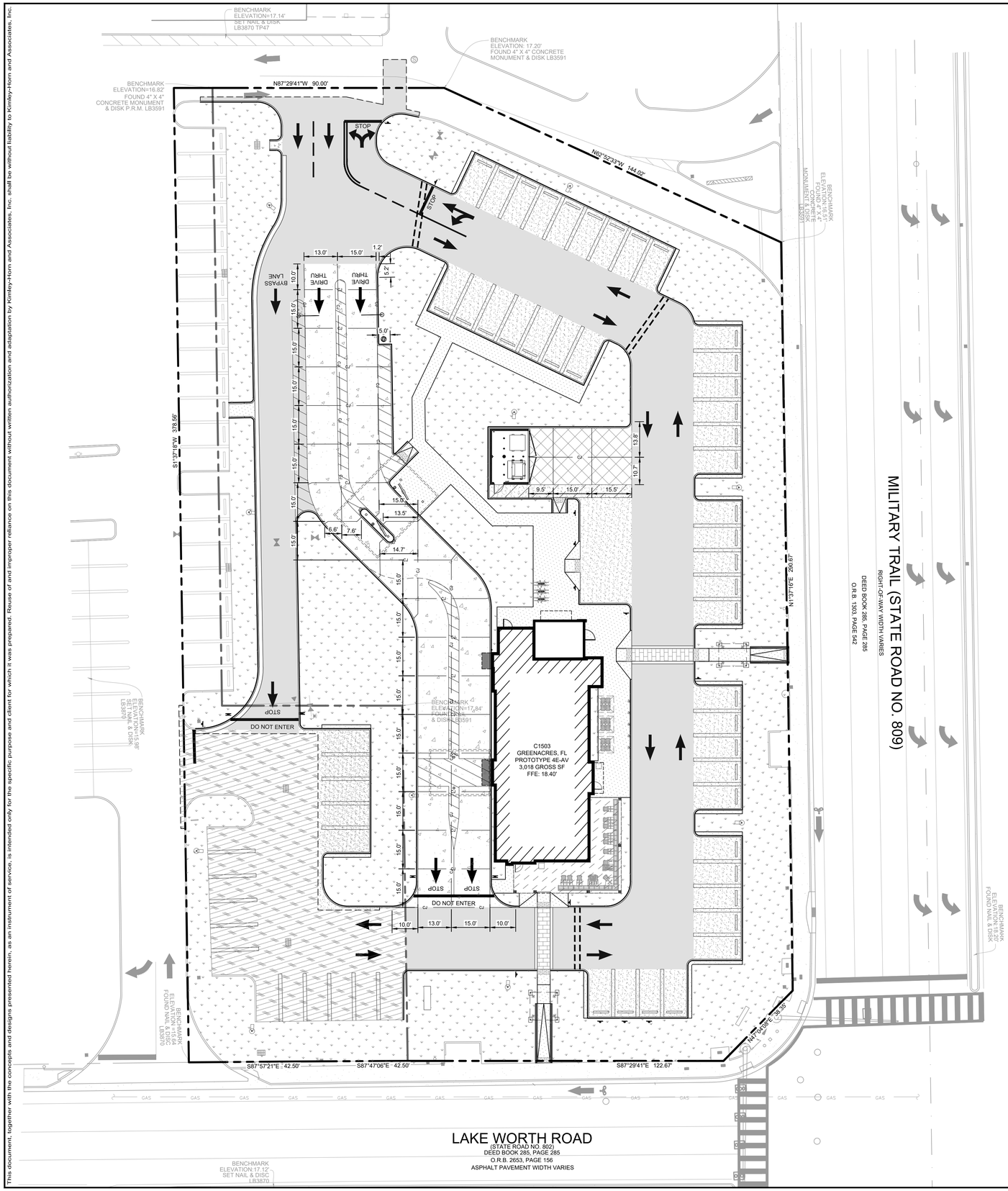
KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

STRIPING & SIGNAGE PLAN

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
C-303



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PAVING NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS & CODES AND O.S.H.A. STANDARDS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND PROJECT SITE WORK SPECIFICATIONS AND SHALL BE APPROVED BY SUCH. ALL COSTS SHALL BE INCLUDED IN BASE BID.
3. ALL PROPOSED PAVING IN CITY OR STATE R.O.W. TO CONFORM TO CITY OF GREENACRES AND FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS, RESPECTIVELY.
4. CONTRACTOR SHALL ADJUST EXISTING VALVES, MANHOLE RIMS, ETC. AS NECESSARY TO MATCH FINISHED GRADE.
5. CONTRACTOR TO EXTEND ALL PAVING JOINTS THROUGH CURBS. JOINTS SHALL BE PERPENDICULAR TO CURBS.
6. EXPANSION JOINTS SHALL BE PLACED BETWEEN BUILDING AND CURB.
7. CONCRETE SHALL FOLLOW THE SPECIFICATIONS OF THE GEOTECHNICAL REPORT.
8. MAXIMUM CONTROL JOINT SPACING SHALL NOT EXCEED 30 TIMES THE THICKNESS OF THE CONCRETE PAVEMENT, PER GEOTECHNICAL REPORT HD255039 PROVIDED BY TERRACON, DATED 06/20/2025.
9. ISOLATION JOINTS SHOULD BE USED WHEREVER THE PAVEMENT WILL ABUT A STRUCTURAL ELEMENT, E.G. (LIGHT POLES, RETAINING WALLS, EXISTING PAVEMENT, BUILDING WALLS OR MANHOLES) AND SEALED WITH POLYURETHANE SEALANT.
10. ISOLATION JOINTS SHALL BE SPACED 60' MAX AND SEALED TO MINIMIZE MOISTURE INFILTRATION.
11. SAW-CUT CONTROL JOINTS WITHIN 12 HOURS OF POUR.
12. ISOLATION AND CONTROL JOINTS SHOULD HAVE 14" LONG NO. 3 DOWEL BARS SPACED 18" ON CENTER.
13. REFER TO SITE LIGHTING/ ELECTRICAL PLAN FOR LOCATION OF CONDUIT FOR SITE LIGHTING.
14. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT PERMANENT PAVEMENT IS NOT PLACED UNTIL ALL REQUIRED CONDUITS AND SLEEVING FOR IRRIGATION, UTILITIES, LIGHTING, ETC HAS BEEN PROPERLY INSTALLED.
15. IRRIGATION SLEEVES SHALL BE 4" PVC CONDUIT. ENDS SHALL BE CAPPED OR TEMPORARILY PLUGGED, RED FLAG TIED TO EACH AND BROUGHT TO SURFACE 2' BEHIND CURB. MINIMUM DEPTH SHALL BE 18" BELOW PROPOSED GRADE.
16. ALL EARTHWORK, PAVING, AND JOINTING SHALL CONFORM TO THE GEOTECHNICAL REPORT.
17. REFER TO IRRIGATION PLAN FOR EXACT IRRIGATION SLEEVE LOCATIONS.
18. CONDUIT FOR COMMUNICATIONS TO SITE SIGNAGE SHALL BE INSTALLED WITH BENDS THAT ARE NO LESS THAN 45° ANGLED. IF A 90° BEND IS REQUIRED, A SWEEPING BEND SHOULD BE INSTALLED.
19. CONCRETE PAD IN DUMPSTER ENCLOSURE TO BE DESIGNED BY STRUCTURAL ENGINEER.
20. THE MINIMUM SP-9.5 CAN BE INSTALLED IN 1" LIFTS.
    334-1.4.1 LAYER THICKNESSES: THE ALLOWABLE LAYER THICKNESSES FOR TYPE SP ASPHALT CONCRETE MIXTURES ARE AS FOLLOWS:
    TYPE SP-9.5.....1 TO 1-1/2 INCHES
    TYPE SP-12.5.....1-1/2 TO 3 INCHES
    TYPE SP-19.0.....2 TO 4 INCHES

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- SAWCUT LINE
- CONTROL JOINT (SEE DETAIL ON SHEET C-600 - CONSTRUCTION DETAILS)
- 4" IRRIGATION SLEEVE (REFER TO LANDSCAPE PLANS)
- PROPOSED CONCRETE CURB
- EXISTING CURB
- CONCRETE SIDEWALK PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 6" MEDIUM DUTY CONCRETE PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 7" HEAVY DUTY CONCRETE PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 1.5" LIGHT DUTY ASPHALT PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- 2.5" HEAVY DUTY ASPHALT PAVEMENT. REFERENCE DETAILS ON SHEET C-600
- PROPOSED MILL & RESURFACE
- PROPOSED LANDSCAPE. REFER TO LANDSCAPE PLANS
- PROPOSED LIGHT POLE

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
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No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER

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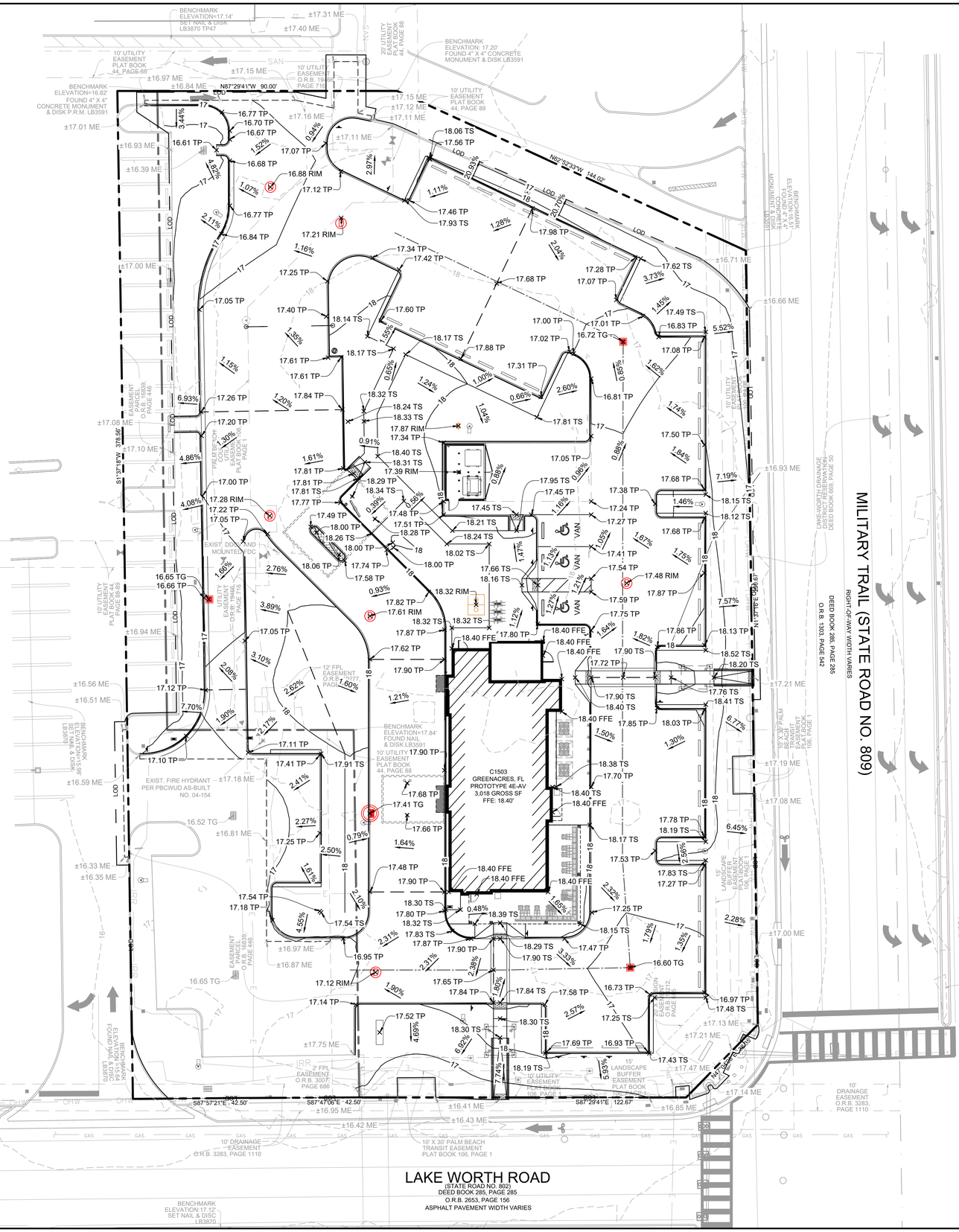
KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

PAVING & JOINT LAYOUT PLAN

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
C-304



GRADING NOTES

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THESE PLANS AND CITY OF GREENACRES STANDARDS, DETAILS AND SPECIFICATIONS.
2. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
3. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES. MINOR ADJUSTMENTS TO FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE ARE ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF ENGINEER. PAVING INSTALLED SHALL "FLUSH OUT" AT ANY JUNCTURE WITH EXISTING PAVING.
4. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
5. ALL CUT OR FILL SLOPES SHALL BE 4:1 OR FLATTER UNLESS OTHERWISE NOTED.
6. EXISTING AND PROPOSED GRADE CONTOUR INTERVALS SHOWN AT 1 FOOT.
7. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
10. TOPOGRAPHIC INFORMATION IS TAKEN FROM A TOPOGRAPHIC SURVEY BY PULICE SURVEYORS. IF THE CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY, AT THEIR EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR TO THE OWNER FOR REVIEW.
11. ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES 4H:1V OR STEEPER. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
12. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
13. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING FOOTPRINT DIMENSIONS.
14. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND FINAL GEOTECH REPORT FOR BUILDING SUBGRADE PREPARATION REQUIREMENTS.
15. CONTRACTOR SHALL ADJUST EXISTING VALVES, MANHOLE RIMS, ETC. AS NECESSARY TO MATCH FINISHED GRADE.
16. ELEVATIONS ARE TOP OF PAVEMENT UNLESS NOTED OTHERWISE. TO GET TOP OF CURB ELEVATIONS ADD 6" TO THE ELEVATION SHOWN.
17. GRADING FOR ALL SIDEWALKS AND ACCESSIBLE ROUTES INCLUDING CROSSING DRIVEWAYS SHALL CONFORM TO ALL APPLICABLE AMERICANS WITH DISABILITIES ACT STANDARDS AND THE FLORIDA BUILDING CODE STANDARDS.IF ANY DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO POURING ANY PAVEMENT.
18. ALL SIDEWALKS AND ACCESSIBLE ROUTES, INCLUDING DRIVEWAY CROSSWALKS, SHALL NOT EXCEED A RUNNING SLOPE OF 5% (1:20) WITHOUT A RAMP, AND SHALL NOT EXCEED A 2% CROSS SLOPE (1:50).
19. THE ACCESSIBLE PARKING AND PASSENGER LOADING AREAS SHALL NOT EXCEED A SLOPE OF 2% (1:50) IN ANY DIRECTION.
20. ANY PROPOSED CONTOURS SHOWN ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
21. REFER TO EROSION CONTROL PLAN FOR EROSION CONTROL DEVICES TO BE INSTALLED PRIOR TO COMMENCING GRADING OPERATIONS.
22. ALL VEGETATION SHALL BE CLEARED AND GRUBBED FOR ALL AREAS TO BE DISTURBED.
23. ALL FILL TO BE PLACED SHALL BE IN ACCORDANCE WITH THE CURRENT APPLICABLE GEOTECHNICAL REPORT RECOMMENDATIONS.

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- XX — EXISTING CONTOUR
- XX — PROPOSED CONTOUR
- 1.00% — PROPOSED FLOW ARROW WITH SLOPE
- ×102.00 — PROPOSED SPOT ELEVATION
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER
- D — PROPOSED STORM SEWER
- S — EXISTING SANITARY MANHOLE
- PROPOSED OIL/WATER SEPARATOR
- PROPOSED GREASE TRAP
- TC — TOP OF CURB
- TP — TOP OF PAVEMENT
- TS — TOP OF SIDEWALK
- TG — TOP OF GRATE
- ME — MATCH EXISTING ELEVATION
- RIM — TOP OF RIM
- LOD — LIMIT OF DISTURBANCE
- RIDGE/HIGH POINT
- PROPOSED SWALE
- PROPOSED LIGHT POLE

GRAPHIC SCALE IN FEET
0 10 20 40

GROUNDWATER / DEWATERING NOTE:

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KHA PROJECT 147793053
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RAISING CANE'S RESTAURANT #1503

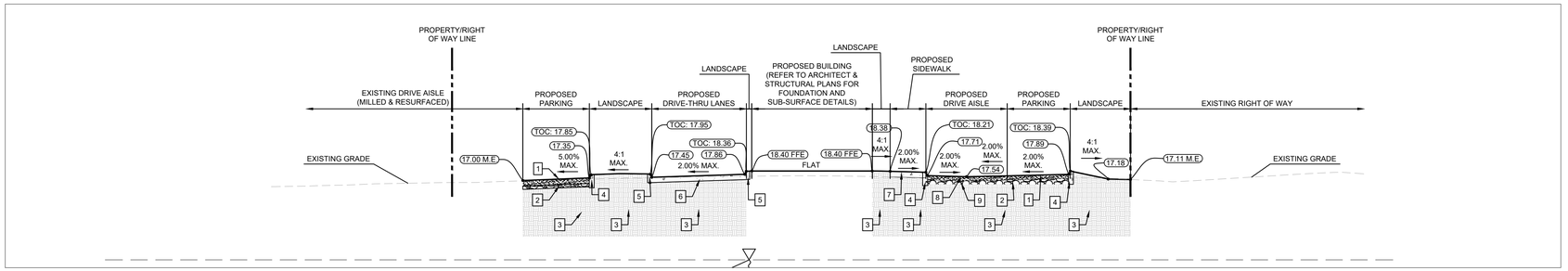
CITY OF GREENACRES FL

GRADING PLAN

SHEET NUMBER C-400

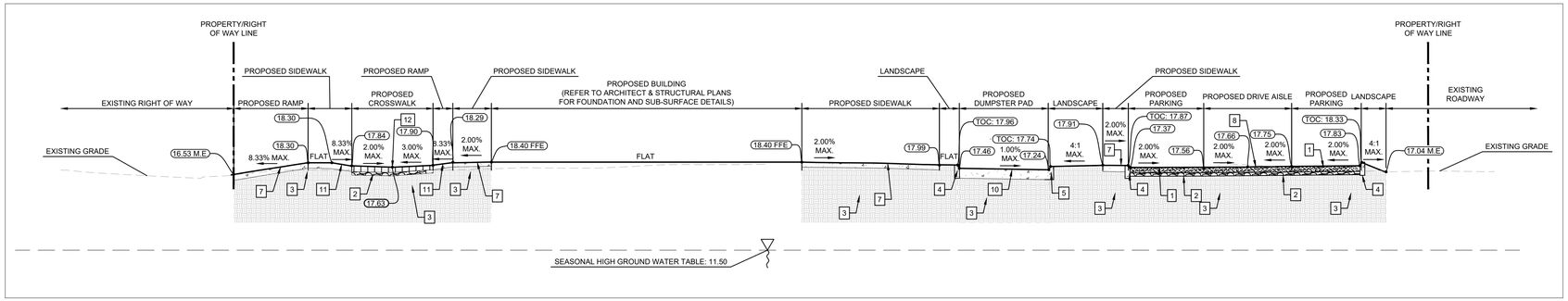
Plotted By:Jones, Rahja Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH; Layout:C-400 GRADING PLAN May 18, 2026 04:29:19pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\C-GRADING PLAN.dwg
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NOT FOR CONSTRUCTION - FOR PERMIT ONLY



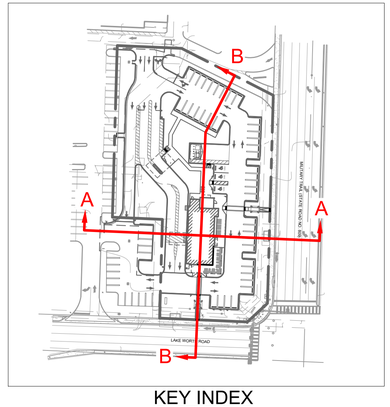
SECTION A-A

SCALE: 1" = 20'



SECTION B-B

SCALE: 1" = 20'



KEY INDEX

NORTH

GRAPHIC SCALE IN FEET
0 50 100 200

SECTION KEYNOTES

1	2" LIGHT DUTY ASPHALT SP-9.5 COMPACTED TO 92% OF MAX. SPECIFIC GRAVITY BY FM 1-T 209 PER FDOT SPEC SEC. 331. REFER TO SHEET C-600
2	8" CRUSHED LIMEROCK COMPACTED TO 98% MODIFIED PROCTOR MAX. DRY DENSITY PER AASHTO T-180 MIN. LBR 100 PER FDOT LIMEROCK SEC. 200. SEE SHEET C-600
3	12" STABILIZED SUBGRADE COMPACTED TO 95% MODIFIED PROCTOR MAX. DRY DENSITY PER AASHTO T-180 MIN. LBR 40 PER FDOT SEC. 160. SEE SHEET C-600
4	TYPE 'D' CURB. SEE SHEET C-600 FOR DETAILS
5	MONOLYTHIC INTEGRAL CURB. SEE SHEET C-600 FOR DETAILS
6	6" REINFORCED AIR-ENTRAINED PCC CONCRETE MIN. 4000 PSI 28 DAY COMPRESSIVE STRENGTH. SEE SHEET C-600 FOR DETAILS
7	4" CONCRETE SIDEWALK CLASS 'A' 3500 PSI W/ SUB-PAVEMENT 2" SAND LEVEL. SEE SHEET C-600 FOR DETAILS
8	2.5" HEAVY DUTY ASPHALT SP-9.5 COMPACTED TO 92% OF MAX. SPECIFIC GRAVITY BY FTM 1-T 209 PER FDOT SPEC SEC. 331. REFER TO SHEET C-600
9	8" COQUINA OR CRUSHED LIMEROCK COMPACTED TO 98% MODIFIED PROCTOR MAX. DRY DENSITY PER AASHTO T-180 MIN. LBR 100 PER FDOT LIMEROCK SEC. 200
10	7" REINFORCED AIR-ENTRAINED PCC CONCRETE MIN. 4000 PSI 28 DAY COMPRESSIVE STRENGTH. SEE SHEET C-600 FOR DETAILS
11	PEDESTRIAN CURB RAMP. SEE SHEET C-300 FOR TYPE AND SHEET C-601 FOR DETAILS
12	BRICK PAVER CROSSWALK. SEE SHEET C-600 FOR DETAILS

NOTE:
1. TYPICAL SECTIONS AND PAVEMENT SECTIONS/THICKNESS ON THIS SHEET ARE ILLUSTRATED FOR REFERENCE.
2. REFER TO SHEET C-600 AND THE GEOTECH REPORT FOR PAVEMENT SECTIONS AND DETAILS.

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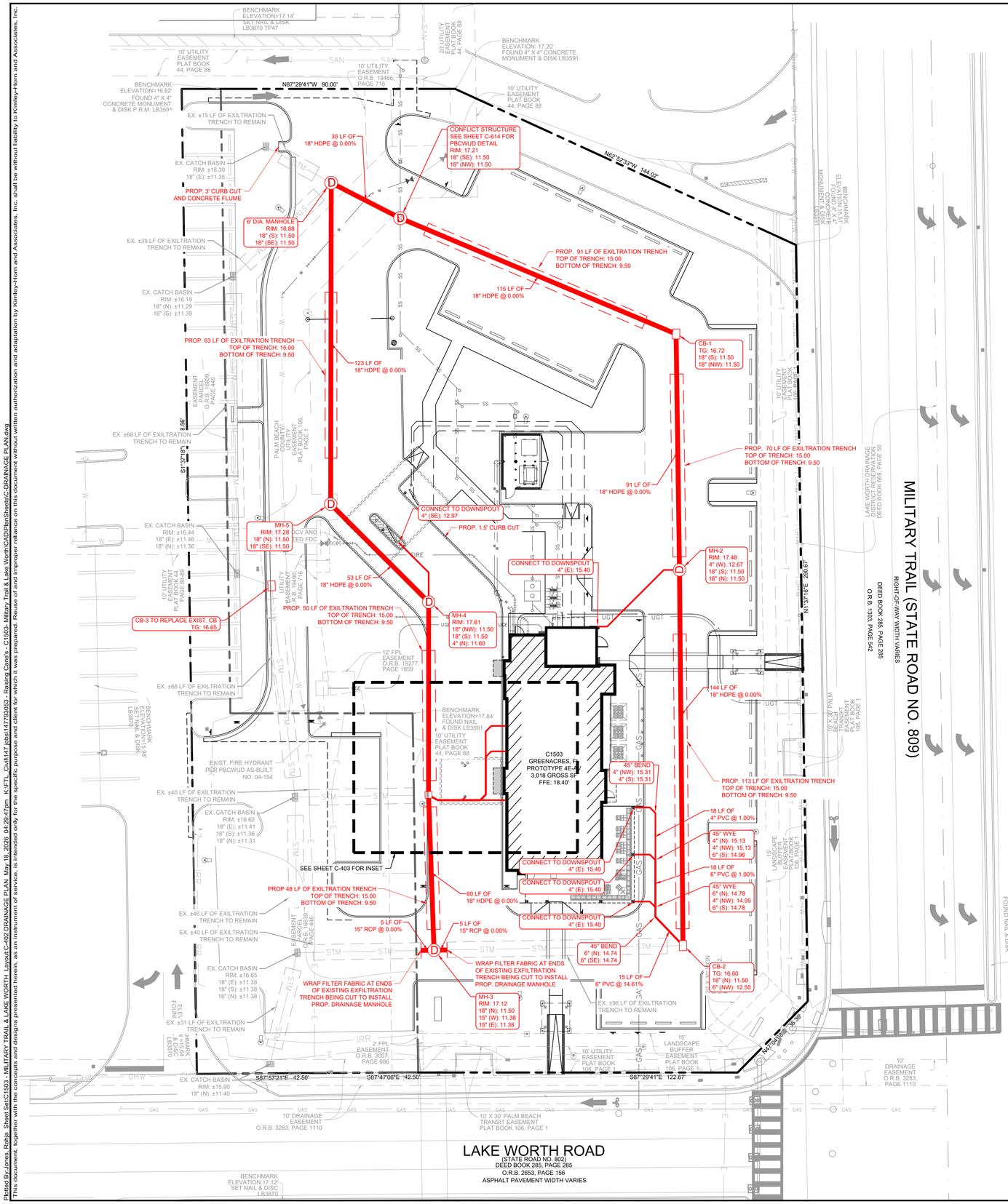
KHA PROJECT 147793053
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TYPICAL SECTIONS

RAISING CANE'S RESTAURANT #1503
CITY OF GREENACRES FL

SHEET NUMBER C-401

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: C-401 TYPICAL SECTIONS May 18, 2026 04:29:29pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\C-TYPICAL SECTIONS.dwg
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DRAINAGE NOTES

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2. CONTRACTOR SHALL FIELD VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO COMMENCING CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
3. PROPOSED STORM LINES AS WELL AS CONNECTIONS TO EXISTING LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LOCAL MUNICIPALITIES STANDARD SPECIFICATIONS AND DETAILS WITH ALL ADDENDA AND AMENDMENTS THERETO.
4. STORM PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
   4.1. RCP = ASTM C-76 CLASS III - REQUIRED IN PUBLIC RIGHT OF WAY AND CONNECTION POINTS TO PUBLIC STORM SEWER
   4.2. HDPE = N-12 DUAL WALL PIPE WITH BEDDING AND BACKFILL PER MANUFACTURER RECOMMENDATIONS.
   4.3. PVC = ASTM D 3034 SDR35.
5. ALL EXISTING AND PROPOSED PIPES AND STRUCTURES ARE TO BE CLEANED OUT AT THE COMPLETION OF CONSTRUCTION TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATER TIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PROPOSED PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. LIDS SHALL BE LABELED "STORM SEWER".
8. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS, OR TO BE 2'-4" ABOVE THE PROPOSED GRADE ELEVATIONS IN LANDSCAPE AREAS.
9. ALL STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR FROM INVERT IN TO INVERT OUT.

EXFILTRATION TRENCH DATA TABLE	
TOTAL EXISTING EXFILTRATION TRENCH	± 869 LF
EXISTING EXFILTRATION TRENCH TO REMAIN	± 443 LF
PROPOSED	+ 435 LF
TOTAL EXFILTRATION TRENCH PROVIDED	+878 LF
PROPOSED EXFILTRATION TRENCH WIDTH	5-FT
PROPOSED EXFILTRATION TRENCH DEPTH	9.50' (BOTTOM OF TRENCH)
PROPOSED EXFILTRATION HDPE PIPE DIAMATER	18"

NOTES:
1. SEE SHEET C-603 FOR EXFILTRATION TRENCH SECTION AND DETAILS
2. CONDITIONS AND SPECIFICATIONS OF EXISTING EXFILTRATION TRENCH ARE PER SOUTH FLORIDA WATER MANAGEMENT DISTRICT ERP PERMIT NO. 50-00932-S

DRAINAGE LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- EXISTING EASEMENT
- PROPOSED SANITARY SEWER LINE
- PROPOSED WATER LINE
- PROPOSED UNDERGROUND GAS LINE
- PROPOSED UNDERGROUND ELECTRIC LINE
- PROPOSED UNDERGROUND TELECOMMUNICATIONS LINE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED DRAINAGE MANHOLE
- PROPOSED DRAINAGE PIPE AND EXFILTRATION TRENCH
- EXISTING UNDERGROUND TELEPHONE & ELECTRIC LINE
- EXISTING STORM DRAINAGE LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING SIGN
- PROPOSED LIGHT POLE

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988. PALM BEACH COUNTY BENCHMARK T-BEAR; ELEVATION: 16.258 FEET AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203; PANEL #12099C0776F; MAP DATE: 10/05/2017

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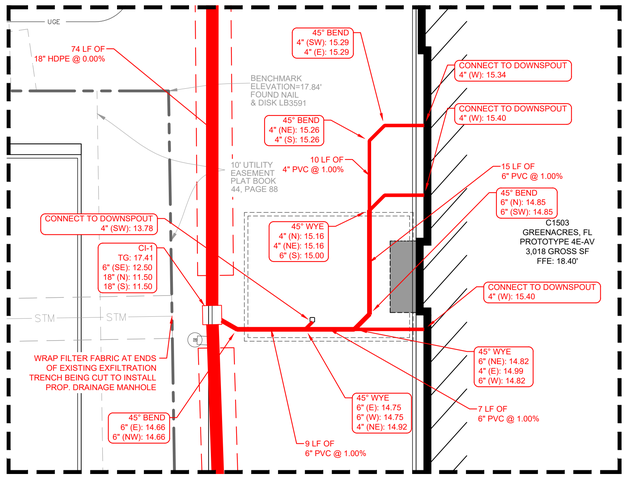
DRAINAGE PLAN

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-402

Plotted By:Jones, Rahja Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH Layout:C-402 DRAINAGE PLAN May 18, 2026 04:29:47pm K:\FTL_Civil\147 Jobs\147793053 - Raising Cane's - C1503 - Military Trail & Lake Worth\CAD\PlanSheets\C-DRAINAGE PLAN.dwg
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NOTES:
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DRAINAGE LEGEND

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- COUNTY PLAT LINE
- EXISTING EASEMENT
- SS — PROPOSED SANITARY SEWER LINE
- W — PROPOSED WATER LINE
- GAS — PROPOSED UNDERGROUND GAS LINE
- UGE — PROPOSED UNDERGROUND ELECTRIC LINE
- UGT — PROPOSED UNDERGROUND TELECOMMUNICATIONS LINE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED DRAINAGE MANHOLE
- PROPOSED DRAINAGE PIPE AND EXFILTRATION TRENCH
- UGT — EXISTING UNDERGROUND TELEPHONE & ELECTRIC LINE
- STM — EXISTING STORM DRAINAGE LINE
- OHE — EXISTING OVERHEAD POWER LINE
- GAS — EXISTING GAS LINE
- W — EXISTING WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING POWER POLE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING SIGN
- PROPOSED LIGHT POLE

NORTH

GRAPHIC SCALE IN FEET
0 5 10 20

GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

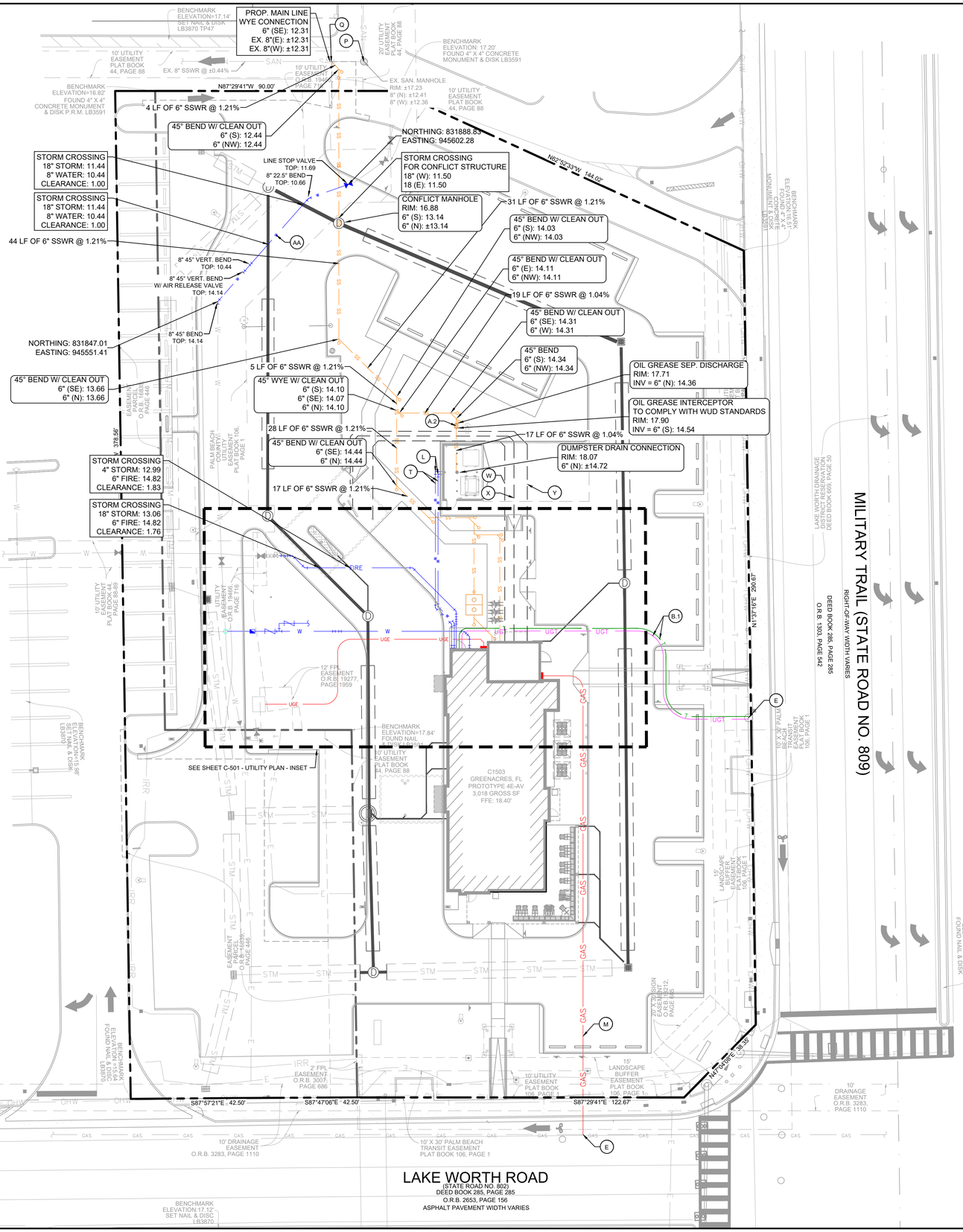
DRAINAGE PLAN - INSET

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-403

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: C-403 DRAINAGE PLAN - INSET May 18, 2026 04:29:50pm K:\FTL_Civil\147793053 - Raising Cane's - C1503 - Military Trail & Lake Worth\CAD\PlanSheets\C-DRAINAGE PLAN.dwg
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UTILITY NOTES

1. ALL WATER SERVICE LINES SHALL BE DUCTILE IRON PIPE (DIP) MATERIAL, UNLESS OTHERWISE NOTED.
2. ALL WATER MAIN BETWEEN 6" AND 16" IN DIAMETER SHALL BE C-900 CLASS 150 DR 18 PVC UNLESS OTHERWISE NOTED.
3. ALL GRAVITY SEWER LATERALS SHALL BE PVC ASTM 3034 SDR 26 PIPE WITH SDR 35 FITTINGS UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY PIPE AND FITTINGS TO TRANSITION TO MATERIALS WHEN REQUIRED AND TO CONNECT TO BUILDING PLUMBING.
5. ALL MANHOLES, VALVES, CLEANOUTS AND OTHER SUCH BOXES IN PAVEMENT OR SIDEWALKS SHALL BE SET FLUSH WITH PAVEMENT TO MATCH THE PROPOSED SLOPE AND SHALL BE INSTALLED PER THE REQUIREMENTS OF THE ENGINEER AND OWNER.
6. ALL FIRE MAIN AFTER POINT OF SERVICE VALVE SHALL BE PVC C-900 DR 14 WITH MJ FITTINGS (OR APPROVED EQUAL) UNLESS OTHERWISE NOTED. ALL FIRE MAIN SHALL BE PAINTED RED AND SHALL BE INSTALLED BY FIRE SPRINKLER CONTRACTOR.
7. ALL DUCTILE IRON PIPE (DIP) SHALL BE CLASS 51 UNLESS OTHERWISE NOTED. ALL DIP SHALL BE MARKED PER FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) REQUIREMENTS.
8. ALL PRESSURE PIPE FITTINGS SHALL BE DUCTILE IRON WITH MECHANICAL JOINTS AND CEMENT OR APPROVED EPOXY LINING.
9. THERE SHALL BE 36" MINIMUM COVER FOR ALL GRAVITY SEWER.
10. ALL WATER MAINS SHALL HAVE 36" MINIMUM COVER AND 60" MAXIMUM COVER.
11. EXISTING SEWER FORCE MAINS SHALL HAVE A MINIMUM 36" COVER.
12. PIPE DEFLECTION SHALL NOT EXCEED MANUFACTURER'S RECOMMENDATIONS. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET MUST BE PROVIDED BETWEEN WATER MAINS AND STORM SEWER.
13. PROPOSED WATER AND SEWER IMPROVEMENTS IN PRIVATE PROPERTY SHALL MEET PALM BEACH COUNTY HEALTH DEPARTMENT SEPARATION REQUIREMENTS. THESE CONFLICTS WILL BE ADDRESSED DURING CONSTRUCTION AND SHALL NOT AFFECT THE PUBLIC SAFETY.
14. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
15. CONTRACTOR SHALL FIELD VERIFY AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING THE IMPROVEMENTS.
16. CONTRACTOR TO CONSIDER POTENTIAL DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
17. CONTRACTOR SHALL IMPLEMENT ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
18. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND OTHER APPLICABLE PERMIT REGULATIONS FOR STORMWATER DISCHARGE FROM DEWATERING ACTIVITIES AND DEWATERING OPERATIONS.
19.PROJECT SPECIFICATIONS AND DETAILS SHALL BE MADE AVAILABLE INFORMATION FROM PALM BEACH COUNTY WATER UTILITIES DEPARTMENT (PBCWUD) AS-BUILT #04-154, PBCWUD STANDARD DETAILS AND PHONE/ZONE MAP, WASTEWATER DISTRIBUTION MAP AND WATER DISTRIBUTION MAP.
20. ALL MATERIALS/INSTALLATIONS SHALL MEET PALM BEACH COUNTY WATER UTILITIES DEPARTMENT (PBCWUD) REQUIREMENTS AND LATEST STANDARDS AND SPECIFICATIONS.
21. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM PALM BEACH COUNTY STORM WATER MANAGEMENT AND OTHER APPLICABLE AGENCIES PRIOR TO BEGINNING CONSTRUCTION.
22. CONTRACTOR SHALL NOTIFY PBCWUD AND ITS CUSTOMERS TO LIKE OR BETTER THAN LIKE CONDITIONS AND TO AVOID ANY AFFECTED STANDARDS.
23. CONTRACTOR SHALL NOTIFY PBCWUD FOR ANY AND ALL REASONS DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO: WATER MAIN SHUTDOWNS, CLEANING AND RESTORING TO LIKE OR BETTER THAN LIKE CONDITIONS, AND ANY OTHER ISSUES THAT AFFECT THE UTILITIES OR THE PUBLIC.
24. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES, FORCE MAIN, AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.
25. ALL CONSTRUCTION SHALL MEET OR EXCEED THE LOCAL WATER AND SEWER REQUIREMENTS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SPECIFICATIONS AND DETAILS FROM THE LOCAL AGENCY.
26. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY PERMITS AND APPROVALS TO COMPLETE THE PROJECT AND SHALL PROVIDE COPIES OF ALL PERMITS TO THE ENGINEER AND OWNER PRIOR TO BEGINNING CONSTRUCTION

FIRE FLOW CALCULATIONS

SYSTEM DEMAND	DENSITY (GPM/SF)	AREA (SF)	TOTAL SYSTEM (GPM)	HOSE ALLOWANCE (GPM)	TOTAL GPM FOR SYSTEM
ORDINARY 2	0.2000	1500	300	250	550

FIRE FLOW NOTES:
THE REQUIRED TOTAL FIRE FLOW IS 550 GPM:
A. THE KITCHEN FALLS UNDER ORDINARY HAZARD GROUP 2 AND THEREFORE REQUIRES 250 GPM (PER NFPA 13, 2019 EDITION TABLE 19.2.3.1.2 FOR HOSE ALLOWANCE)
B. IT IS REQUIRED TO PROVIDE DEMAND FOR 1500 SF OF COVERAGE (PER NFPA 13, 2019 EDITION TABLE 19.2.3.1.1)
C. ORDINARY HAZARD GROUP 2 REQUIRES A DENSITY OF 0.2 GPM/SF OR 300 GPM
D. REFERENCE FIRE FLOW RESULTS FROM SPRINKLERMATIC FIRE PROTECTION SYSTEMS, INC., DATED JUNE 25, 2025
STATIC PRESSURE: 55 PSI
RESIDUAL PRESSURE: 50 PSI
20 PSI RESIDUAL FLOW: 3035GPM

FIRE FLOW RESULTS - PERFORMED BY SPRINKLERMATIC ON 06/25/2025		
FLOW HYDRANTS	A1	A2
SIZE OPENING	2.5	2.5
COEFFICIENT	0.9	0.9
PITOT READING	40	
TOTAL FLOW (GPM)	1061	

FIRE FLOW RESULTS:
1. FIRE HYDRANT FLOW TEST AND REPORT WAS PERFORMED BY SPRINKLERMATIC, DATED 06/25/2025.
2. TOTAL FLOW DURING TEST = 1061 GPM
3. STATIC READING = 55 PSI
4. RESIDUAL = 50 PSI
5. AT 20 PSI RESIDUAL = 3035 GPM
6. AT 0 PSI RESIDUAL = 3874 GPM
7. ESTIMATED CONSUMPTION = 5306 GAL

RECORD DRAWING NOTES:
1. RECORD DRAWINGS SHALL BE PREPARED IN THE STATE PLAN COORDINATE SYSTEM.
2. ALL UTILITY FEATURES SHALL BE SHOWN IN THEIR AS-BUILT LOCATION.
3. STATE PLANE COORDINATES SHALL BE DISPLAYED ON RECORD DRAWINGS FOR ALL FEATURES SPECIFIED IN PBCWUD STANDARDS.
4. STATE PLAN COORDINATES SHALL BE SHOWN ON PROPERTY CORNERS AS REQUIRED BY PBCWUD.

GENERAL WATER NOTES:
1. ALL WATER MAIN DUCTILE IRON PIPE AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE.
2. ALL WATER MAINS SHALL BE MARKED WITH ONE CONTINUOUS STRIP OF 6" WIDE MAGNETIC BLUE CODED TAPE IMPRINTED WITH ONE AND HALF (1 1/2) INCH HIGH LETTERING READING "CAUTION -WATERLINE BELOW" AND LOCATED APPROXIMATELY TWELVE (12) INCHES ABOVE THE CROWN OF THE PIPE. THE WORDING SHALL OCCUR EVERY THREE (3) FEET.
3. ALL WATER SERVICE BRASS FITTINGS ARE REQUIRED TO BE LEAD FREE.
4. ALL EXISTING PBCWUD FACILITIES (IE VALVES) TO BE OPERATED BY PBCWUD PERSONNEL ONLY.
5. CONTRACTOR TO VERIFY 2" EXISTING CORP STOP HAS BEEN CAPPED AND CAN BE ABANDONED IN PLACE IF NOT CAPPED SERVICE LINE WILL HAVE TO BE CUT AND CAPPED.

GENERAL SEWER NOTE:
1. ON-SITE SEWER LATERALS ARE PRIVATELY OWNED AND MAINTAINED.
2. SEWER CLEANOUT MINI-MANHOLES ARE REQUIRED ON ALL CLEANOUTS WITHIN PAVEMENT AREAS.

GENERAL GAS NOTE:
1. GAS LINE WILL BE POT HOLED AND LOCATED BY GC AT TIME OF CONSTRUCTION COMMENCEMENT. ELEVATIONS TO BE PROVIDED TO EOR IMMEDIATELY TO CONFIRM ANY PROPOSED CONFLICTS ANTICIPATED.

GENERAL CONTRACTOR NOTE:
1. CONTRACTOR IS TO CONFIRM IMMEDIATELY AT CONSTRUCTION COMMENCEMENT THE EXISTING INVERT TO EOR IF THERE IS A DISCREPANCY FROM WHAT IS ON THE PLANS.

GENERAL LANDSCAPE NOTE:
1. IF ANY NEW LANDSCAPE MATERIALS ARE INSTALLED AS PART OF THIS PROJECT THEN SOD ONLY WITH NO SHRUBS AND/OR TREES ARE TO BE INSTALLED WITHIN 5' OF ANY WATER METER AND WITHIN 7.5' OF ANY FIRE HYDRANT. TREES CANNOT BE INSTALLED WITHIN 10' OF A WUD WATER OR FORCE MAIN WITHOUT PRIOR PBCWUD APPROVAL AND THE INSTALLATION OF A ROOT BARRIER. ALSO IF ANY EXISTING TREES ARE LESS THAN 10' MINIMUM OF ANY NEW WATER OR FORCE MAIN A ROOT BARRIER IS REQUIRED TO BE INSTALLED OR TREE RELOCATED/ REMOVED.

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
PALM BEACH COUNTY BENCHMARK T-BEAR; ELEVATION: 16.258 FEET
AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203;
PANEL #12099C0776F; MAP DATE: 10/05/2017

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- PROPOSED SANITARY SEWER LINE
- PROPOSED WATER LINE
- PROPOSED UNDERGROUND GAS LINE
- PROPOSED UNDERGROUND ELECTRIC LINE
- PROPOSED UNDERGROUND TELECOMMUNICATIONS LINE
- PROPOSED UNDERGROUND TELEPHONE LINE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED DRAINAGE MANHOLE
- PROPOSED DRAINAGE LINE AND EXFILTRATION TRENCH
- EXISTING UNDERGROUND TELEPHONE & ELECTRIC LINE
- EXISTING STORM DRAINAGE LINE
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED LIGHT POLE

UTILITY KEYNOTE LEGEND

A.1	PROPOSED 1,000 GALLON HYDROMECHANICAL GREASE INTERCEPTOR W/ OBSERVATION WELL. SEE DETAIL ON THIS SHEET AND REFERENCE ARCHITECTURAL/MEP PLANS.
A.2	PROPOSED OIL GREASE SEPARATOR. SEE DETAILS ON SHEET C-609 - PBCWUD WASTERWATER DETAILS.
B.1	INSTALL 4" PVC CONDUIT FOR TELEPHONE AND 3" PVC CONDUIT FOR CATV.
C	PROPOSED TELEPHONE AND CATV ENTRY. REFERENCE ELECTRICAL PLANS FOR CONNECTION.
D	INSTALL 2 EACH 4" PVC FOR UNDERGROUND ELECTRIC LINE TO CONNECT TO EXIST. FPL TRANSFORMER.
E	PROPOSED POINT OF CONNECTION. CONTRACTOR TO COORDINATE INSTALLATION AND ROW MOT PLANS. SEE UTILITY CONTACTS ON COVER PAGE.
F	PROPOSED ELECTRIC SERVICE ENTRY. REFERENCE ARCHITECTURAL AND ELECTRICAL PLANS.
G	2" DOMESTIC WATER ENTRY W/ 90° VERTICAL BEND. REFERENCE MEP PLANS FOR CONTINUATION.
H	2" DOMESTIC WATER POINT-OF-CONNECTION VIA CORP STOP. SEE DETAILS FOR TIE-IN. REFERENCE SHEET C-605 - PBCWUD POTABLE WATER DETAILS.
I	2" DOMESTIC WATER METER W/ RP BACKFLOW PREVENTER. SEE DETAILS FOR METER BOX. REFERENCE SHEET C-606 - PBCWUD POTABLE WATER DETAILS
J	2"X1.5" TEE (WATER).
K	45° BENDS (WATER).
L	90° BEND (WATER).
M	GAS SERVICE LINE.
N	GAS METER LOCATION.
O	GAS ENTRY. REFERENCE ARCHITECTURAL PLANS FOR CONTINUATION (PLUMBING).
P	EXISTING SANITARY SEWER MANHOLE.
Q	PROPOSED SANITARY SEWER DIP WYE CONNECTION. SEE DETAILS FOR CUT-IN. REFERENCE SHEET C-610 - PBCWUD WASTERWATER DETAILS.
R	EXISTING FIRE HYDRANT PER PBCWUD AS-BUILT NO. 04-154.
S	PROPOSED 6" DIP DEDICATED FIRE LINE.
S.1	6" DIP DEDICATED FIRE LINE BLDG ENTRY W/ 90° VERTICAL BEND. REFERENCE MEP PLANS FOR CONTINUATION.
T	PROPOSED 2" EACH HOT AND COLD WATER LINES TO DUMPSTER PAD.
T.1	2" 90° VERTICAL BEND.
U.1	PROPOSED 1" IRRIGATION LINE. REFER TO IRRIGATION PLAN FOR CONTINUATION.
V	6" 45° VERTICAL BEND.
V.1	2" 45° VERTICAL BEND.
W	(3) 1" CONDUITS FOR POWER TO CANOPY.
X	(3) 1" CONDUITS FOR DATA TO CANOPY.
Y	(2) 1" CONDUITS FOR POWER TO CANOPY.
Z	EXISTING FPL TRANSFORMER AND PAD.
AA	8" DIP WATERMAIN.

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

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KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

UTILITY PLAN

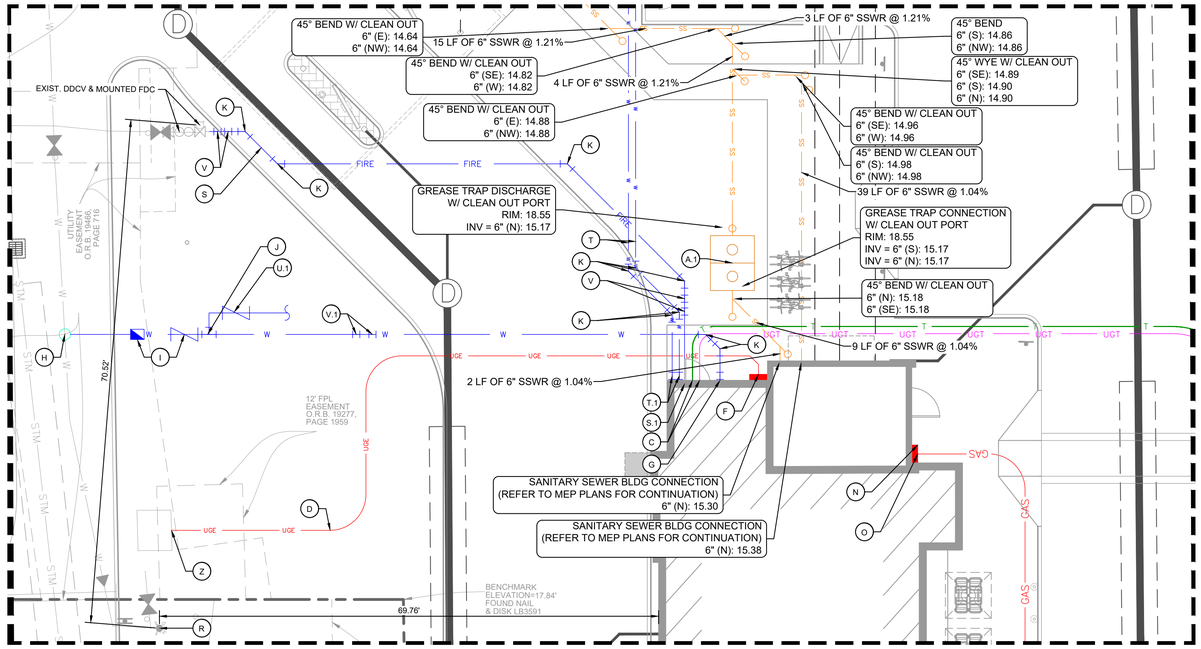
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-500

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: C-500 UTILITY PLAN May 19, 2026 12:01:55pm K:\FTL_Civil\147p\pts\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\C-UTILITY PLAN.dwg
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FIRE FLOW CALCULATIONS					
SYSTEM DEMAND	DENSITY (GPM/SF)	AREA (SF)	TOTAL SYSTEM (GPM)	HOSE ALLOWANCE (GPM)	TOTAL GPM FOR SYSTEM
ORDINARY 2	0.2000	1500	300	250	550

FIRE FLOW NOTES:
THE REQUIRED TOTAL FIRE FLOW IS 550 GPM:
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B. IT IS REQUIRED TO PROVIDE DEMAND FOR 1500 SF OF COVERAGE (PER NFPA 13, 2019 EDITION TABLE 19.2.3.1.1)
C. ORDINARY HAZARD GROUP 2 REQUIRES A DENSITY OF 0.2 GPM/SF OR 300 GPM
D. REFERENCE FIRE FLOW RESULTS FROM SPRINKLERMATIC FIRE PROTECTION SYSTEMS, INC., DATED JUNE 25, 2025
STATIC PRESSURE: 55 PSI
RESIDUAL PRESSURE: 50 PSI
20 PSI RESIDUAL FLOW: 3035GPM

FIRE FLOW RESULTS - PERFORMED BY SPRINKLERMATIC ON 06/25/2025		
FLOW HYDRANTS	A1	A2
SIZE OPENING	2.5	2.5
COEFFICIENT	0.9	0.9
PITOT READING	40	
TOTAL FLOW (GPM)	1061	

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6. AT 0 PSI RESIDUAL = 3874 GPM
7. ESTIMATED CONSUMPTION = 5306 GAL

GREASE INTERCEPTOR CALCULATIONS

Quote: 7F256D8A

Reference No. 93203 — Project Name: RC - Greenacres

Step 1: Flow rate to grease interceptor

Fixture flow rate: (cu in / 231) = gal x 0.75 / 2 min = 2 min flow rate

NAME	TYPE	DIMENSIONS	QTY	CU IN	FLOW RATE
3 Compartment Sink	3 Compartment Sink	21" x 21" x 14" (3)	1	18,522	30.07 GPM
Dishwasher	Dishwasher (Conveyor)	25 gal.	1	5,775	12.5 GPM
Floor Drain	Floor Drain	N/A	10	N/A	0 GPM
Floor Sink	Floor Sink	N/A	6	N/A	0 GPM
Hand Sink	Hand Sink	10" x 14" x 5"	6	4,200	6.84 GPM
Ice Machine (with drain)	Ice Machine (with drain)	N/A	1	N/A	0.5 GPM
Mop Basin	Mop Basin	24" x 24" x 10"	1	5,760	9.35 GPM
Pre-Rinse Sink One Bowl	Pre-Rinse Sink One Bowl	20" x 20" x 5"	1	2,000	3.25 GPM
Total					**62.48 GPM**

Step 2: Grease Production

Servings per day x Grease production value x Days between pump-outs = Grease output

Servings per day: 1500
Grease production value: 0.035 lbs per serving (Fried Chicken: High / No flatwe)
Days between pump-outs: 90 days

1500 x 0.035 x 90 = 4725 lbs of FOG

SCHIER MODEL	
GB-1000	**Description:** GREASE INTERCEPTOR 100 GPM / 200 GPM, 4" PLAIN/FPT CONNECTIONS **Dimensions:** Length: 92", Width: 73.75", Height: 71.25" **Flow Rate/Grease Capacity:** 100 GPM / 5495 lbs **Liquid Capacity:** 1000 gal

Specification Note: This Great Basin model has been sized to the flow rate and grease production requirements of the application and may not be substituted by liquid capacity alone. Any substitution requests must be approved by the specifying engineer and the authority having jurisdiction.

Please contact support@schierproducts.com for technical and procurement support for the specified Great Basin model.

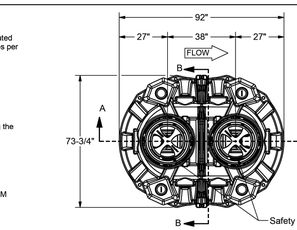
SPECIFICATION NOTES
(1) 6" plain end inlet/outlet
(2) Unit weight: 684 lbs. For wet weight, add 8,413 lbs. For traffic-rated cover(s), add 90 lbs per cover. For pedestrian cover(s), add 7 lbs per cover.
(3) Maximum operating temperature: 150° F continuous
(4) Liquid Capacity: 1000 gal
Grease Capacity (100 GPM): 5,495 lbs (753 gal)
Grease Capacity (200 GPM): 4,959 lbs (679 gal)
Solids Capacity: 211 gal
(5) Satisfies Miami DERM 99% efficiency requirements by retaining the following capacities at 99% efficiency:
Grease Capacity (100 GPM): 5,272 lbs (722 gal)
Grease Capacity (200 GPM): 3,127 lbs (428 gal)
(6) Factory rating:
Grease Capacity (1000 GPM): 2,000 lbs (274 gal)
(7) This unit does not require flow control for 100 GPM and 200 GPM applications
(8) For gravity drainage applications only
(9) Do not use for pressure applications
(10) Cover placement allows full access to tank for proper maintenance
(11) Vent not required unless per local code
(12) Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping
(13) Integral air relief / Anti-siphon / Sampling access
(14) Cover adapters provide an adjustable height range of 5"
(15) Designed for below-grade, above-grade, indoor or outdoor installations
(16) Safety Star® (450 lbs load capacity) is an access restrictor built into each cover adapter to prevent accidental entry into tanks

CERTIFIED PERFORMANCE
Great Basin® hydromechanical grease interceptors are third party performance-tested and listed by IAPMO to ASME A112.14.3 / CSA B481.1-2022 (Type D) grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

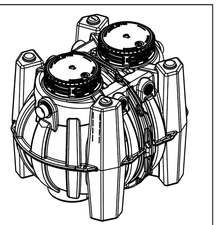
ENGINEER SPECIFICATION GUIDE
Schier Great Basin® grease interceptor model GB-1000 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 7/16" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapter and Safety Star® access restrictor built into each cover adapter. This unit is certified for hydromechanical performance to ASME A112.14.3/CSA B481.1-2022 (Type D) as well as certified to ANSI/CAN/IAPMO Z1001-2021 for gravity grease interceptors. Flow control not required. Interceptor flow rate shall be 100 GPM or 200 GPM. Interceptor grease capacity shall be 5,495 lbs.

COVERS SOLD SEPARATELY
This unit is provided with temporary cover(s) intended for the duration of jobsite installation. Purchase one of the following finish covers.
- T24-GI (8044-000-01): Traffic-rated (AASHTO H-20) cast iron cover shall provide water/gas-tight seal and have a minimum of 16,000 lbs load capacity. For outdoor installation.
- P24-GI (8045-000-01): Pedestrian-rated poly cover shall provide water/gas-tight seal and have a minimum of 2,000 lbs load capacity. For indoor installation.

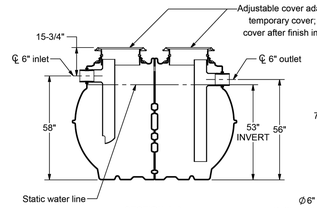
MIAMI-DADE COUNTY — Satisfies Miami DERM 99% efficiency requirements. Product labels are permanently attached to inside and outside of unit for easy viewing.



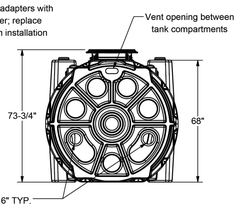
TOP VIEW
(COVER(S) REMOVED FOR CLARITY)



ISOMETRIC VIEW



SECTION A-A



SECTION B-B

SCHIER	MODEL NUMBER	GB-1000	SPECIFICATION SHEET
6455 Woodland Dr Shawnee, KS 66218 tel: 913-951-3300 fax: 913-951-3399 schierproducts.com Made in the U.S.A.	PART NUMBER	4080-301-01	
	DESCRIPTION	GB-1000 GREASE INTERCEPTOR 100 GPM / 200 GPM, 6" PLAIN INLET/OUTLET	
	DRAWN BY	C.FINCHAM	
	DATE	05/06/2025 REV A ECO 00101	

PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SCHIER PRODUCTS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SCHIER PRODUCTS IS PROHIBITED.

UTILITY NOTES

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.

2. CONTRACTOR SHALL FIELD VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING UTILITIES IN FIELD PRIOR TO COMMENCING CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.

3. ALL WATER AND SEWER LINES AS WELL AS TAPS/CONNECTIONS TO EXISTING PUBLIC WATER LINES SHALL BE CONSTRUCTED IN ACCORDANCE WITH PALM BEACH COUNTY WATER UTILITIES DISTRICT (PBCWUD) STANDARD SPECIFICATIONS AND DETAILS WITH ALL ADDENDA AND AMENDMENTS THERETO.

4. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITY 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.

5. WATER LINES SHALL BE AS FOLLOWS:

A) 2" AND SMALLER = DIP OR PER PBCWUD STANDARDS.

B) 4" = DIP FOR DEDICATED FIRE LINES TO FDC.

6. SANITARY SEWER PIPES SHALL BE AS FOLLOWS:

A) 4" - 6" = PVC C-900, SDR-18 PIPES & FITTINGS 150 PSI, W/ PUSH-ON RUBBER GASKET JOINTS.

7. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" COVER ON ALL WATERLINES FROM TOP OF PIPE.

8. WATER LINES CROSSING AND RUNNING PARALLEL TO GRAVITY SEWER LINES AND FORCE MAINS SHALL CONFORM TO THE SEPARATION AND CROSSING REQUIREMENTS OF PBCWUD STANDARD DETAILS.

9. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.

10. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS, OR TO BE 2"-4" ABOVE THE PROPOSED GRADE ELEVATIONS IN LANDSCAPE AREAS.

11. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY PERMITS, INSPECTIONS, TESTING AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES.

12. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS IN REGARDS TO TAPS, HYDRANTS, VALVES, ETC.

13. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN.

14. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRENCH SAFETY MEASURES IN ACCORDANCE WITH OSHA AND LOCAL AGENCY STANDARDS FOR ALL EXCAVATIONS.

15. THE SITE CONTRACTOR MUST COORDINATE THE TIMING AND INSTALLATION OF ALL NATURAL GAS LINES WITH THE GENERAL CONTRACTOR FOR THE BUILDING AND MAKE ALL NECESSARY SCHEDULE ARRANGEMENTS FOR TEMPORARY OR PERMANENT GAS LINES PER THE PROJECT SCHEDULE.

16. THE SCOPE OF UTILITIES STUBBED TO THE PROPOSED BUILDING(S) IN THIS PLAN SET SHALL TERMINATE 5' OUTSIDE OF THE BUILDING.

17. WATER AND SANITARY LINES SHALL NOT BE COVERED UNTIL OBSERVED AND APPROVED BY THE CITY/COUNTY INSPECTOR.

18. ALL WATER, SANITARY SEWER, AND STORM DRAINAGE IMPROVEMENTS CONSTRUCTED OUTSIDE OF A PUBLIC RIGHT-OF-WAY OR OUTSIDE OF AN EASEMENT DEDICATED TO THE DISTRICT WILL BE OWNED AND MAINTAINED BY THE OWNER. THE AUTHORITY HAVING JURISDICTION WILL NOT BE RESPONSIBLE FOR THE MAINTENANCE OF SUCH IMPROVEMENTS.

19.GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ARCHITECTURAL PLANS AND CIVIL PLANS FOR UTILITY CONFIRMATION. THE CONTRACTOR SHALL CONTACT KIMLEY-HORN PRIOR TO ANY CONSTRUCTION WITH ANY DISCREPANCIES.

20. PROPOSED SANITARY SEWER TIE-IN CONNECTION TO THE PBCWUD'S SANITARY SEWER LINE MUST BE INSPECTED BY PBCWUD'S OPERATOR.

21. ALL WATERLINE CROSSINGS SHALL CONFORM TO CITY OF GREENACRES AND PBCWUD REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR CREATING, SUBMITTING, AND RECORDING ALL APPLICABLE WATER LINE EASEMENTS AS ILLUSTRATED ON THIS PLAN.

22. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.

23. ALL PROPOSED UTILITIES ARE ASSUMED TO BE PRIVATE.

24. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, MANHOLES GRAVITY SEWER LINES, FORCE MAIN, AND DOMESTIC WATER AND FIRE PROTECTION SYSTEM AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

25. ALL CONSTRUCTION SHALL MEET OR EXCEED THE LOCAL WATER AND SEWER REQUIREMENTS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SPECIFICATIONS AND DETAILS FROM THE LOCAL AGENCY.

RECORD DRAWING NOTES:
1. RECORD DRAWINGS SHALL BE PREPARED IN THE STATE PLAN COORDINATE SYSTEM.
2. ALL UTILITY FEATURES SHALL BE SHOWN IN THEIR AS-BUILT LOCATION.
3. STATE PLANE COORDINATES SHALL BE DISPLAYED ON RECORD DRAWINGS FOR ALL FEATURES SPECIFIED IN PBCWUD STANDARDS.
4. STATE PLAN COORDINATES SHALL BE SHOWN ON PROPERTY CORNERS AS REQUIRED BY PBCWUD.

GENERAL WATER NOTES:
1. ALL WATER MAIN DUCTILE IRON PIPE AND PIPE FITTINGS SHALL BE PAINTED WITH A 4" WIDE CONTINUOUS BLUE LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND IS LOCATED ALONG THE TOP OF THE PIPE.
2. ALL WATER MAINS SHALL BE MARKED WITH ONE CONTINUOUS STRIP OF 6" WIDE MAGNETIC BLUE CODED TAPE IMPRINTED WITH ONE AND HALF (1 1/2) INCH HIGH LETTERING READING "CAUTION -WATERLINE BELOW" AND LOCATED APPROXIMATELY TWELVE (12) INCHES ABOVE THE CROWN OF THE PIPE. THE WORDING SHALL OCCUR EVERY THREE (3) FEET.
3. ALL WATER SERVICE BRASS FITTINGS ARE REQUIRED TO BE LEAD FREE.
4. ALL EXISTING PBCWUD FACILITIES (IE VALVES) TO BE OPERATED BY PBCWUD PERSONNEL ONLY.
5. CONTRACTOR TO VERIFY 2" EXISTING CORP STOP HAS BEEN CAPPED AND CAN BE ABANDONED IN PLACE IF NOT CAPPED SERVICE LINE WILL HAVE TO BE CUT AND CAPPED.

GENERAL SEWER NOTE:
1. ON-SITE SEWER LATERALS ARE PRIVATELY OWNED AND MAINTAINED.
2. SEWER CLEANOUT MINI-MANHOLES ARE REQUIRED ON ALL CLEANOUTS WITHIN PAVEMENT AREAS.

GENERAL GAS NOTE:
1. GAS LINE WILL BE POT HOLED AND LOCATED BY GC AT TIME OF CONSTRUCTION COMMENCEMENT. ELEVATIONS TO BE PROVIDED TO EOR IMMEDIATELY TO CONFIRM ANY PROPOSED CONFLICTS ANTICIPATED.

GENERAL CONTRACTOR NOTE:
1. CONTRACTOR IS TO CONFIRM IMMEDIATELY AT CONSTRUCTION COMMENCEMENT THE EXISTING INVERT TO EOR IF THERE IS A DISCREPANCY FROM WHAT IS ON THE PLANS.

GENERAL LANDSCAPE NOTE:
1. IF ANY NEW LANDSCAPE MATERIALS ARE INSTALLED AS PART OF THIS PROJECT THEN SOD ONLY WITH NO SHRUBS AND/OR TREES ARE TO BE INSTALLED WITHIN 5' OF ANY WATER METER AND WITHIN 7.5' OF ANY FIRE HYDRANT. TREES CANNOT BE INSTALLED WITHIN 10' OF A WUD WATER OR FORCE MAIN WITHOUT PRIOR PBCWUD APPROVAL AND THE INSTALLATION OF A ROOT BARRIER. ALSO IF ANY EXISTING TREES ARE LESS THAN 10' MINIMUM OF ANY NEW WATER OR FORCE MAIN A ROOT BARRIER IS REQUIRED TO BE INSTALLED OR TREE RELOCATED/ REMOVED.

BENCHMARKS

ELEVATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
PALM BEACH COUNTY BENCHMARK T-BEAR; ELEVATION: 16.258 FEET
AND BENCHMARK: DUFED; ELEVATION: 16.635 FEET.

FLOOD ZONE

FLOOD ZONE: X; BASE FLOOD ELEVATION: NONE; COMMUNITY # 120203;
PANEL #12099C0776F; MAP DATE: 10/05/2017

GRAPHIC SCALE IN FEET
0 5 10 20

NORTH

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- PROPOSED SANITARY SEWER LINE
- PROPOSED WATER LINE
- PROPOSED UNDERGROUND GAS LINE
- PROPOSED UNDERGROUND ELECTRIC LINE
- PROPOSED UNDERGROUND TELECOMMUNICATIONS LINE
- PROPOSED UNDERGROUND TELEPHONE LINE
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- PROPOSED DRAINAGE MANHOLE
- PROPOSED DRAINAGE LINE AND EXFILTRATION TRENCH
- EXISTING UNDERGROUND TELEPHONE & ELECTRIC LINE
- EXISTING STORM DRAINAGE LINE
- EXISTING GAS LINE
- EXISTING WATER LINE
- EXISTING SANITARY SEWER LINE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED LIGHT POLE

UTILITY KEYNOTE LEGEND

A.1	PROPOSED 1,000 GALLON HYDROMECHANICAL GREASE INTERCEPTOR W/ OBSERVATION WELL. SEE DETAIL ON THIS SHEET AND REFERENCE ARCHITECTURAL/MEP PLANS.
A.2	PROPOSED OIL GREASE SEPARATOR. SEE DETAILS ON SHEET C-609 - PBCWUD WASTERWATER DETAILS.
B.1	INSTALL 4" PVC CONDUIT FOR TELEPHONE AND 3" PVC CONDUIT FOR CATV.
C	PROPOSED TELEPHONE AND CATV ENTRY. REFERENCE ELECTRICAL PLANS FOR CONNECTION.
D	INSTALL 2 EACH 4" PVC FOR UNDERGROUND ELECTRIC LINE TO CONNECT TO EXIST. FPL TRANSFORMER.
E	PROPOSED POINT OF CONNECTION. CONTRACTOR TO COORDINATE INSTALLATION AND ROW MOT PLANS. SEE UTILITY CONTACTS ON COVER PAGE.
F	PROPOSED ELECTRIC SERVICE ENTRY. REFERENCE ARCHITECTURAL AND ELECTRICAL PLANS.
G	2" DOMESTIC WATER ENTRY W/ 90° VERTICAL BEND. REFERENCE MEP PLANS FOR CONTINUATION.
H	2" DOMESTIC WATER POINT-OF-CONNECTION VIA CORP STOP. SEE DETAILS FOR TIE-IN. REFERENCE SHEET C-605 - PBCWUD POTABLE WATER DETAILS.
I	2" DOMESTIC WATER METER W/ RP BACKFLOW PREVENTER. SEE DETAILS FOR METER BOX. REFERENCE SHEET C-606 - PBCWUD POTABLE WATER DETAILS
J	2"X1.5" TEE (WATER).
K	45° BENDS (WATER).
L	90° BEND (WATER).
M	GAS SERVICE LINE.
N	GAS METER LOCATION.
O	GAS ENTRY. REFERENCE ARCHITECTURAL PLANS FOR CONTINUATION (PLUMBING).
P	EXISTING SANITARY SEWER MANHOLE.
Q	PROPOSED SANITARY SEWER DIP WYE CONNECTION. SEE DETAILS FOR CUT-IN. REFERENCE SHEET C-610 - PBCWUD WASTERWATER DETAILS.
R	EXISTING FIRE HYDRANT PER PBCWUD AS-BUILT NO. 04-154.
S	PROPOSED 6" DIP DEDICATED FIRE LINE.
S.1	6" DIP DEDICATED FIRE LINE BLDG ENTRY W/ 90° VERTICAL BEND. REFERENCE MEP PLANS FOR CONTINUATION.
T	PROPOSED 2" EACH HOT AND COLD WATER LINES TO DUMPSTER PAD.
T.1	2" 90° VERTICAL BEND.
U.1	PROPOSED 1" IRRIGATION LINE. REFER TO IRRIGATION PLAN FOR CONTINUATION.
V	6" 45° VERTICAL BEND.
V.1	2" 45° VERTICAL BEND.
W	(3) 1" CONDUITS FOR POWER TO CANOPY.
X	(3) 1" CONDUITS FOR DATA TO CANOPY.
Y	(2) 1" CONDUITS FOR POWER TO CANOPY.
Z	EXISTING FPL TRANSFORMER AND PAD.
AA	8" DIP WATERMAIN.

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
3	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO — LICENSE No. 95063 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

RAISING CANE'S RESTAURANT #1503

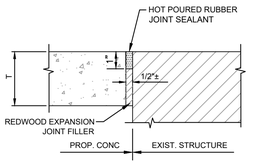
CITY OF GREENACRES FL

UTILITY PLAN - INSET

SHEET NUMBER C-501

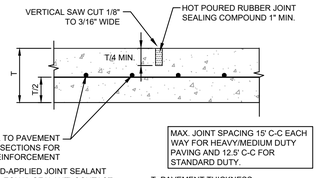
Plotted By: Jones, Rahja Sheet Set: C1603 - MILITARY TRAIL & LAKE WORTH Layout: C-501 UTILITY PLAN - INSET May 19, 2026 12:02:00pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1603 Military Trail & Lake Worth\CAD\PlanSheets\C-501 UTILITY PLAN - INSET.dwg
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NOT FOR CONSTRUCTION - FOR PERMIT ONLY



T=PAVEMENT THICKNESS

ISOLATION JOINT DETAIL
N.T.S.



MAX. JOINT SPACING 15' C-C EACH WAY FOR HEAVY/MEDIUM DUTY PAVING AND 12.5' C-C FOR STANDARD DUTY.

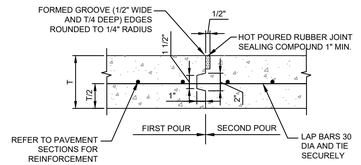
* READY-MIXED COLD-APPLIED JOINT SEALANT (EZ-7 OR APPROVED EQUAL SEALANT) CONTACT EZ Seal, Inc. AT 972-669-9178

T=PAVEMENT THICKNESS

PAVEMENT THICKNESS	MAX SPACING
4"-4.5"	10'
5"-5.5"	12.5'
6" OR GREATER	15'

NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

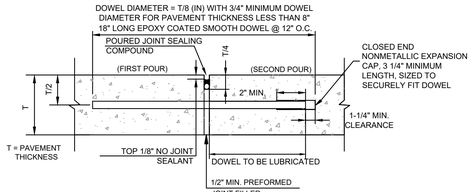
CONTROL JOINT DETAIL
N.T.S.



T=PAVEMENT THICKNESS

NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

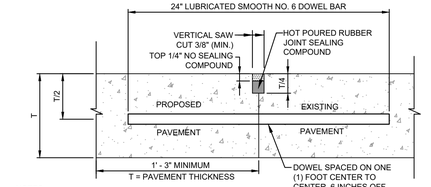
CONSTRUCTION JOINT DETAIL
N.T.S.



NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

NOTES:
1. DOWELS SHALL BE SUPPORTED BY AN APPROVED DEVICE. DRILLING BY HAND OR PUSHING DOWEL BARS INTO GREEN CONCRETE IS NOT ACCEPTABLE.
2. TO BE PLACED IN GRID PATTERN IN MAX. 60' O.C.E.W.
3. TO BE PLACED WHERE PAVEMENT ABUTS ANY STRUCTURE.

TRANSVERSE EXPANSION JOINT
N.T.S.

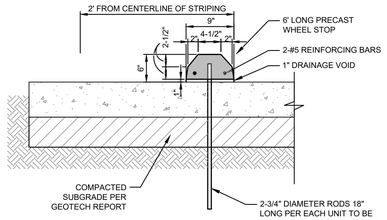


NOTES:
1. NO. 5 SMOOTH DOWEL BAR MAY BE USED IN 5 INCH AND 6 INCH PAVEMENT THICKNESS.
2. LONGITUDINAL BUTT CONSTRUCTION MAY BE UTILIZED IN PLACE OF LONGITUDINAL HINGED (KEYWAY) JOINT AT CONTRACTORS OPTION.
3. DOWEL BARS SHALL BE DRILLED INTO PAVEMENT HORIZONTALLY BY USE OF A MECHANICAL RIG.
4. DRILLING BY HAND IS NOT ACCEPTABLE, PUSHING DOWEL BARS INTO GREEN CONCRETE NOT ACCEPTABLE.

T=PAVEMENT THICKNESS

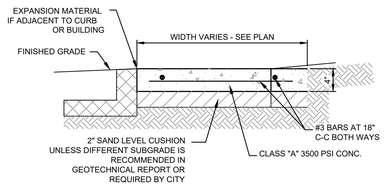
NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

LONGITUDINAL BUTT JOINT DETAIL
N.T.S.



NOTE:
1. PRE-CAST CONCRETE OR PLASTIC WHEEL STOPS MAY BE USED WITH CANE'S CONSTRUCTION MANAGERS APPROVAL.

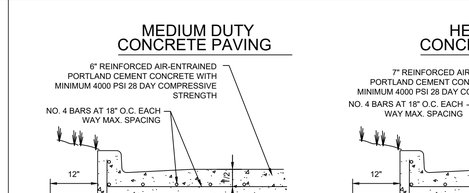
PRECAST CONCRETE WHEEL STOP DETAIL
N.T.S.



NOTES:
1. PROVIDE BITUMINOUS EXPANSION MATERIAL WHERE WALK ABUTS EXISTING IMPROVEMENTS AND AT ALL CHANGES IN GRADE
2. SPACE CONTROL JOINT UNIFORMLY AT INTERVALS EQUAL TO THE WALK WIDTH OR AS SHOWN ON ARCHITECTURAL PLANS.
3. PLACE PREMOLDED EXPANSION JOINT MATERIAL AROUND ALL STRUCTURES IN NEW WALK ALONGSIDE ALL ADJACENT BUILDINGS AND ABUTTING STRUCTURES TO THE NEW CONCRETE SIDEWALK
4. SEAL EXPANSION & CONTRACTION JOINTS WITH AN APPROVED TYPE SEALANT.

NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

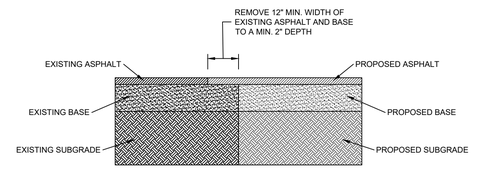
CONCRETE SIDEWALK DETAIL
N.T.S.



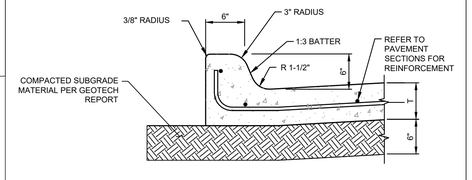
NOTE:
TIE BARS ARE ALSO RECOMMENDED ALONG THE FIRST LONGITUDINAL JOINT FROM THE PAVEMENT EDGE TO KEEP THE OUTSIDE SLAB FROM SEPARATING FROM THE PAVEMENT.

NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

CONCRETE PAVEMENT SECTION
N.T.S.



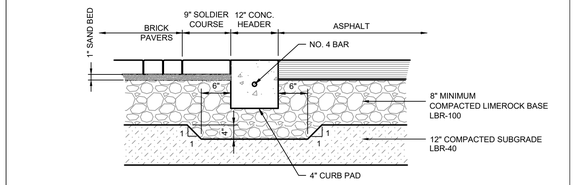
SAW-CUT
N.T.S



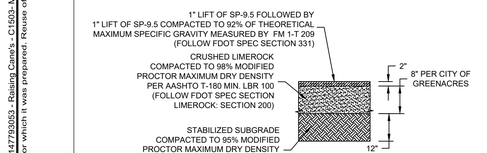
T=PAVEMENT THICKNESS

NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

TYPE "A" INTEGRAL CURB DETAIL
N.T.S.

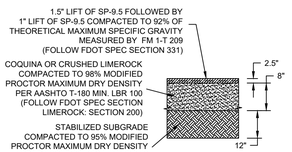


VEHICULAR BRICK PAVERS AT TRANSITION TO ASPHALT
N.T.S



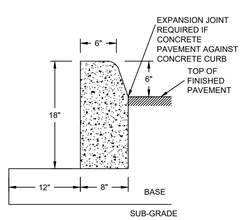
LIGHT DUTY ASPHALT
N.T.S

NOTE: PLEASE REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION

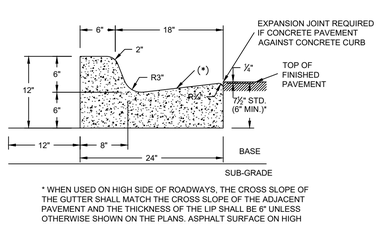


HEAVY DUTY ASPHALT
N.T.S

NOTE: PLEASE REFER TO THE GEOTECHNICAL REPORT FOR INFORMATION

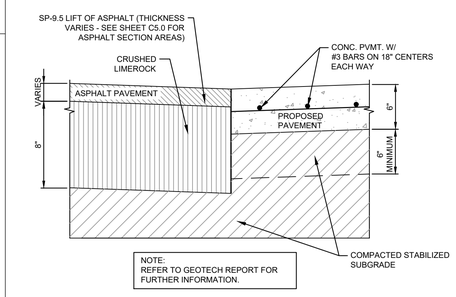


TYPE "D" CURB
N.T.S



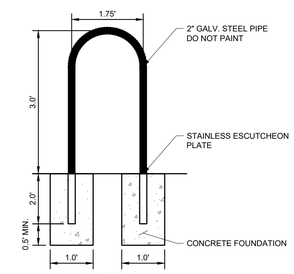
* WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6" UNLESS OTHERWISE SHOWN ON THE PLANS. ASPHALT SURFACE ON HIGH SIDE TO BE FLUSH WITH LIP OF CURB OR CURB & GUTTER.

TYPE "F" CURB AND GUTTER
N.T.S

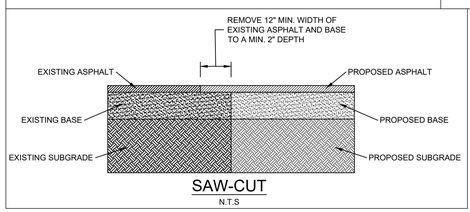


NOTE:
REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

ASPHALT CONCRETE TRANSITION DETAIL
N.T.S.



INVERTED "U" BICYCLE RACK DETAIL
N.T.S.
PER CITY OF GREENACRES 16-335(21)
REQUIRED AT PALM BEACH COUNTY BUS SHELTERS



SAW-CUT
N.T.S

GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH
2	CITY COMMENTS & RESUBMITTAL	04/27/2026	KH

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal. Signature must be verified on any electronic copies.

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

CONSTRUCTION DETAILS

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
C-600

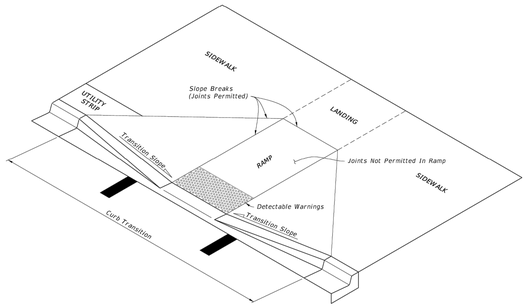
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This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

NOT FOR CONSTRUCTION - FOR PERMIT ONLY

Plotted By: Jones, Rahja Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH Layout:C-601 CONSTRUCTION DETAILS May 18, 2026 04:30:48pm K:\FTL_Civil\147 jobs\147793053 - Raising Cane's - C1503 - Military Trail & Lake Worth\CAD\PlanSheets\C-611 TRELLIS DETAILS.dwg
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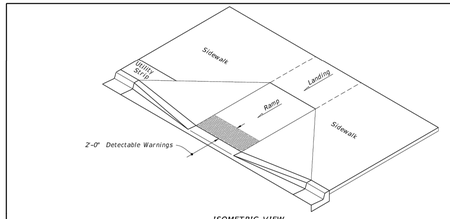
GENERAL NOTES:

1. Cross Slopes and Grades:
   - A. Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.
   - B. Landings must have cross-slopes less than or equal to 0.02 in any direction.
   - C. Maintain a single longitudinal slope along each side of the curb ramp. Ramp slopes are not required to exceed 15 feet in length.
   - D. Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.
2. Curb, Curb and Gutter and/or Sidewalk:
   - A. Refer to Index 522-001 for concrete thickness and sidewalk details.
   - B. Remove any existing curb, curb and gutter, or sidewalk to the nearest joint beyond the curb transition or to the extent that no remaining section is less than 5 feet long.
   - C. Width of Curb Ramp is 4'-0" minimum. Match sidewalk or Shared Use Path width as shown in the Plans.
3. Curb Ramp Alpha-Identification:
   - A. Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.
   - B. Alpha-identifications CR-I and CR-J are intentionally omitted.
4. Detectable Warnings:
   - A. Install detectable warnings in accordance with Specification 527.
   - B. Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.
   - C. If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp; otherwise, the truncated domes are not required to be aligned.

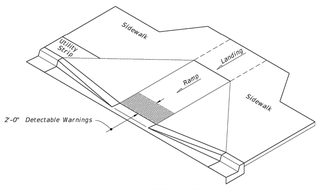


CURB RAMP NOMENCLATURE

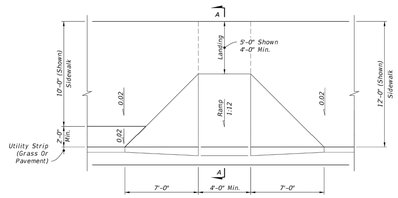
LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/21	REVISION			522-002	1 of 7



ISOMETRIC VIEW



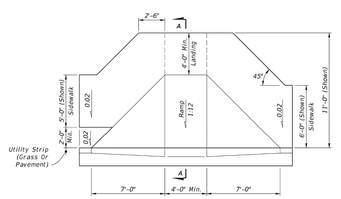
ISOMETRIC VIEW



PLAN VIEW

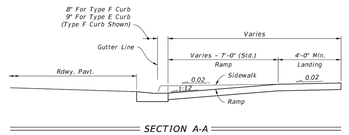
NOTE: For Example of CR-A used in Radial Curb Returns, See Sheet 7.

CR-A



PLAN VIEW

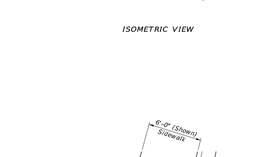
CR-B



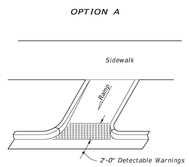
SECTION A-A

SIDEWALK CURB RAMPS CR-A AND CR-B

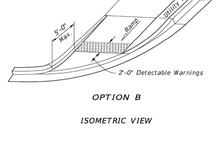
LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/20	REVISION			522-002	2 of 7



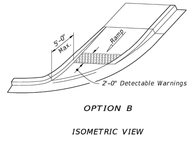
ISOMETRIC VIEW



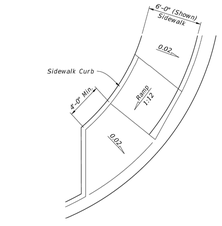
OPTION A



OPTION A

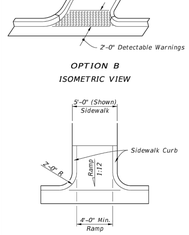


OPTION A



PLAN VIEW

CR-D

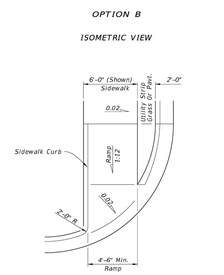


OPTION B

ISOMETRIC VIEW

PLAN VIEW

CR-E

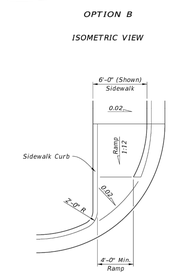


OPTION B

ISOMETRIC VIEW

PLAN VIEW

CR-F



OPTION B

ISOMETRIC VIEW

PLAN VIEW

CR-G

SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/21	REVISION			522-002	4 of 7

No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

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PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
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CONSTRUCTION DETAILS

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
C-601

NOT FOR CONSTRUCTION - FOR PERMIT ONLY

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH | Layout: C-602 CONSTRUCTION DETAILS May 18, 2026 04:30:51pm K:\FTL_Civil\147-jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\C-611 TRELLIS DETAILS.dwg
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NOTES:

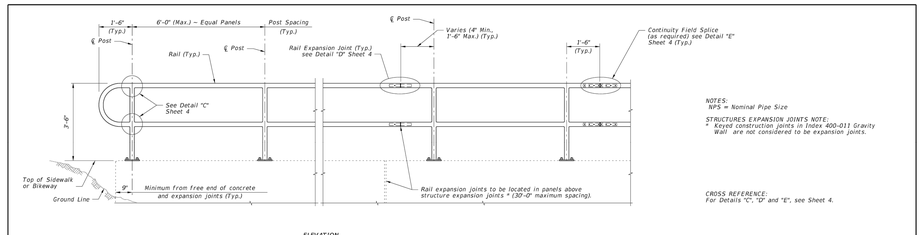
1. Shop Drawings are required.
2. Work with Specification 515.
3. Materials:
   - A. Pan Head Set Screws: Aluminum Alloy 2024-T4 or 7075-T73 or Stainless Steel (SS) Type 316 or 18-8 Alloy.
   - B. Base Plates and Cap Plates: ASTM B209, Alloy 6061-T6
   - C. Structural Pipe Tube and Bars: ASTM B221 or ASTM B429, Alloy 6061-T6
   - D. End Rails 90° bends and corner bends with a maximum 4 foot spacing: Alloy 6063-T5 is permitted.

RAILING MEMBER DIMENSIONS TABLE			
MEMBER	DESIGNATION	OUTSIDE DIMENSION	WALL THICKNESS
Posts	2" NPS (Sch. 40)	2.375"	0.154"
Rails	2" NPS (Sch. 40)	2.375"	0.154"
Rail Joint/Splice Sleeves	1½" NPS (Sch. 40)	1.900"	0.145"
Handrails Joint/Splice Sleeves	1" NPS (Sch. 40) 1.50 OD x0.125 Wall	1.315" 1.500"	0.133" 0.125"
Handrails	1½" NPS (Sch. 40)	1.900"	0.145"
Handrail Support Bar	1" Ø Round Bar	1.000"	N/A

   - E. Galvanized Steel Fasteners:
     - a. Hex Head Bolts: ASTM A 307 Type 1 or ASTM F1554 Grade 36
     - b. Adhesive Anchors: ASTM F1554 Grade 36 fully threaded rods
     - c. Hex Nuts: ASTM A563
     - d. Flat Washers: ASTM F436
   - F. Aluminum Shims: ASTM B209, Alloy 6061
   - G. Bearing Pads: Plain, Fabric Reinforced, or Fabric Laminated meeting requirements of Specifications 515 & 932.
4. Fabrication:
   - A. Place expansion joints at a maximum of 30'-0"spacing
   - B. Field splices are similar to the expansion joint detail and may be approved by the Engineer to facilitate handling; but rail must be continuous across a minimum of two posts.
   - C. Continuity field splice (Detail "E"); only use to make the railing continuous for unforeseen field adjustments
   - D. Corners and changes in tangential longitudinal alignment may be made continuous with a 9" bend radius or terminated at adjoining sections with a standard end hoop when handrails are not required.
   - E. For curved longitudinal alignments, shop bend top and bottom rails and handrails to match the alignment radius.
   - F. For changes in tangential longitudinal alignment greater than 45°, position posts a maximum of 2'-0" each side of the corner, not at the corner apex.
5. Handrails are required and must be continuous at landings for:
   - A. Grades Steeper than 5%
   - B. Three or more steps
6. Cutting of reinforcing steel is permitted for post installed anchor bolts.

8/30/2024 1:18:01 PM

LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	PIPE GUIDERAIL (ALUMINUM)	INDEX	SHEET
11/01/18				515-070	1 of 5



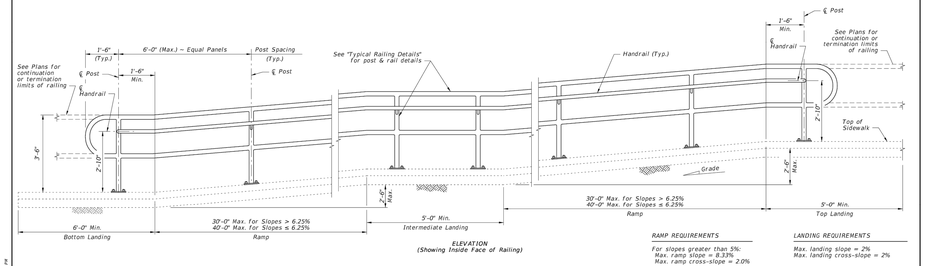
ELEVATION

NOTES:
NPS = Nominal Pipe Size

STRUCTURES EXPANSION JOINTS NOTE:
* Keyed construction joints in Index 400-011 Gravity Wall are not considered to be expansion joints.

CROSS REFERENCE:
For Details "C", "D" and "E", see Sheet 4.

TYPICAL RAILING DETAILS & RAILINGS ON GRADES 0% TO 5%



ELEVATION
(Showing Inside Face of Railing)

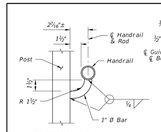
RAMP REQUIREMENTS
For slopes greater than 5%:
Max. ramp slope = 8.33%
Max. ramp cross-slope = 2.0%

LANDING REQUIREMENTS
Max. landing slope = 2%
Max. landing cross-slope = 2%

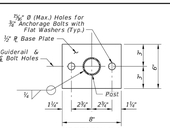
RAILINGS ON GRADES STEEPER THAN 5% TO 8.33%

8/30/2024 1:18:01 PM

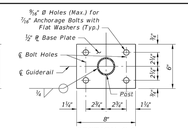
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11/01/17				515-070	2 of 5



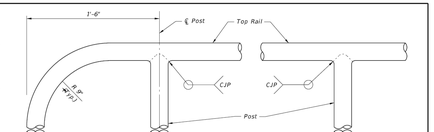
SECTION B-B
(Handrail Connection)



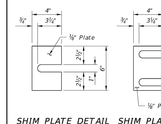
SECTION C-C
BASE PLATE DETAIL
(2–Bolt Anchorage)



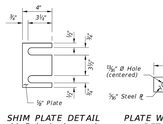
SECTION C-C
BASE PLATE DETAIL
(4–Bolt Anchorage)



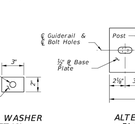
DETAIL "C" - RAIL CONNECTIONS
(Handrail and 4–Bolt Anchorage Not Shown)



SHIM PLATE DETAIL
(2–Bolt Anchorage)

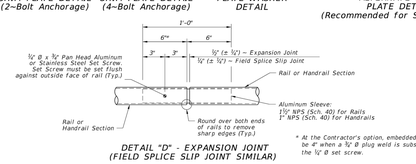


SHIM PLATE DETAIL
(4–Bolt Anchorage)



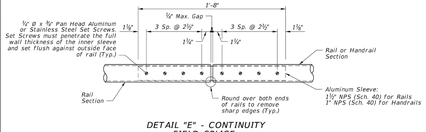
ALTERNATE BASE
PLATE DETAIL
(Recommended for Steep Slopes)

PLATE WASHER
DETAIL

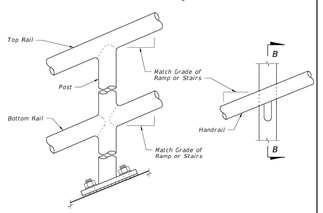


DETAIL "D" - EXPANSION JOINT
(FIELD SPLICE SLIP JOINT SIMILAR)

* At the Contractor's option, embedded length may be 4" when a ⅞" Ø plug weld is substituted for the ¼" Ø set screw.



DETAIL "E" - CONTINUITY
FIELD SPLICE

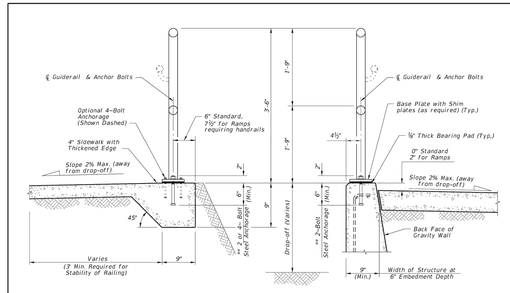


DETAIL "B" - RAIL AND HANDRAIL
(Showing Sloped Condition for Ramps with 2–Bolt Anchorage)

CROSS REFERENCE:
For locations of Details "C", "D" and "E", see Sheet 2.

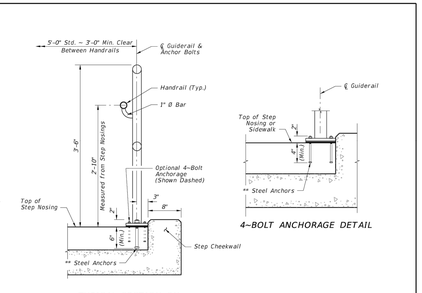
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LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	PIPE GUIDERAIL (ALUMINUM)	INDEX	SHEET
11/01/17				515-070	4 of 5



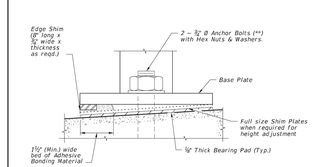
TYPICAL SECTION ON CONCRETE SIDEWALK

TYPICAL SECTION ON GRAVITY WALL
(Other Retaining Walls Similar)

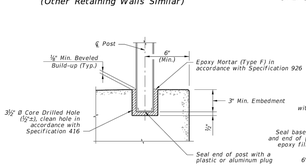


TYPICAL SECTION ON
STEPS & STAIRS

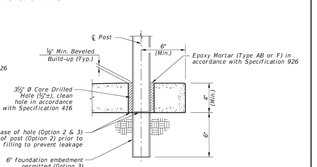
4–BOLT ANCHORAGE DETAIL



DETAIL "F" (OPTIONAL SHIMMING DETAIL
FOR CROSS SLOPE CORRECTION)
(Used in lieu of Beveled Shim Plates)



SIDEWALK ANCHORAGE DETAIL
OPTION 1



SIDEWALK ANCHORAGE DETAIL
OPTION 2 & 3

NOTES:
** 2 – ⅝" Ø x 8" or 4 – ⅝" Ø x 6" Steel Anchors: Galvanized Steel Bolts (As Shown) (C-I-P); Galvanized U-Bolts Permitted (C-I-P); Galvanized Adhesive Anchors Permitted

*** The minimum embedment for Adhesive Anchors is 6" for 2–Bolt Anchorage or 4" for 4–Bolt Anchorage.

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LAST REVISION	DESCRIPTION:	FDOT FY 2025-26 STANDARD PLANS	PIPE GUIDERAIL (ALUMINUM)	INDEX	SHEET
11/01/20				515-070	5 of 5

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

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WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

CONSTRUCTION DETAILS

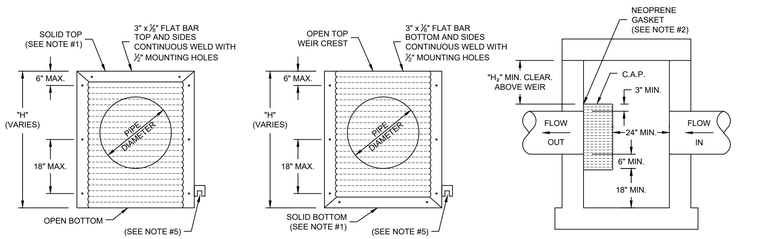
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
C-602

NOT FOR CONSTRUCTION - FOR PERMIT ONLY

Plotted By: Jones, Rahja Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH Layout:C-603 CONSTRUCTION DETAILS May 18, 2026 04:30:56pm K:\EFTL_Civil\147 jobs\147793053 - Raising Cane's - C1503 - Military Trail & Lake Worth\CAD\PlanSheets\C-611 TRELLIS DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

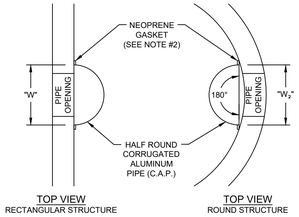


PIPE DIAM.	W (IN)	W_S (IN)	T (GAUGE)	H_S (IN)
15"	21"	21"	16	6
18"	24"	24"	16	7
21"	30"	30"	16	8
24"	30"	36"	16	10
30"	36"	42"	14	13
36"	42"	48"	14	16
42"	48"	54"	14	20
48"	54"	60"	14	23
54"	60"	66"	14	26

"W" RECTANGULAR STRUCTURE
"W_S" ROUND STRUCTURE

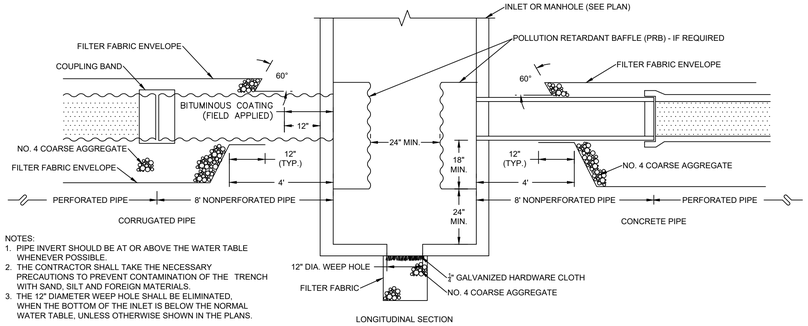
NOTES:
1. ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL BE WELDED TO CLOSE OPENING AT THE TOP FOR THE BAFFLE OR BOTTOM FOR WEIR.
2. NEOPRENE ADHESIVE BACKED GASKET, OR APPROVED EQUAL (1" x 2") SHALL BE INSTALLED ON THE SIDES AND TOP OF ALL BAFFLES OR BOTTOM OF WEIRS.
3. POLLUTION RETARDANT BAFFLE OR HALF PIPE WEIR TO BE FASTENED IN PLACE WITH ¾" x 4" STAINLESS STEEL "RED HEADS", OR APPROVED EQUAL.
4. FIBERGLASS BAFFLES AND WEIRS ARE NOT PERMITTED.
5. MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO EASE INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES IN FLAT BARS.

WEIR SIZE PER PLAN

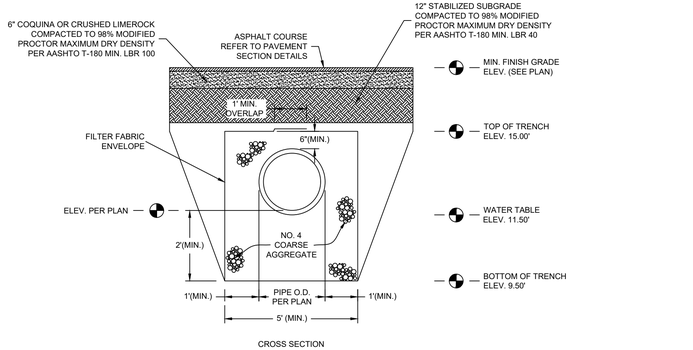


POLLUTION RETARDANT BAFFLE (PRB) AND WEIR DETAILS

N.T.S



NOTES:
1. PIPE INVERT SHOULD BE AT OR ABOVE THE WATER TABLE WHENEVER POSSIBLE.
2. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PREVENT CONTAMINATION OF THE TRENCH WITH SAND, SILT AND FOREIGN MATERIALS.
3. THE 12" DIAMETER WEEP HOLE SHALL BE ELIMINATED, WHEN THE BOTTOM OF THE INLET IS BELOW THE NORMAL WATER TABLE, UNLESS OTHERWISE SHOWN IN THE PLANS.

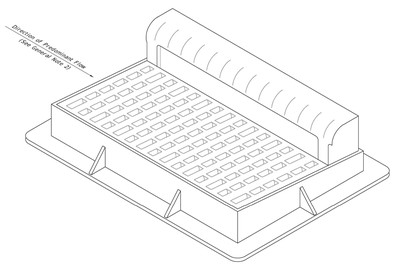


EXFILTRATION TRENCH

N.T.S

GENERAL NOTES:

1. Work this Index with Index 425-001 and Index 425-010.
2. Orient grate with vanes directed toward predominant flow.
3. Provide 1½' minimum cover for steel in slab tops unless otherwise shown. Tops may be either cast-in-place or precast concrete.
4. Place top slab openings such that 2 edges of inlet frame will be located directly above bottom wall or riser wall for Alternate B applications.
5. When used on a structure with dimensions larger than those detailed on Sheet 3 and risers are not applied, construct the top slab using Index 425-010 with the slab opening adjusted to 24"x36". The "Special Top Slab" on Index 425-010 is not permitted.
6. Frame may be adjusted with one to six courses of brick.
7. Vaned grates with approximately equal openings that satisfy AASHTO HL-93 loading are permitted. Provide reversible (right or left) grates.

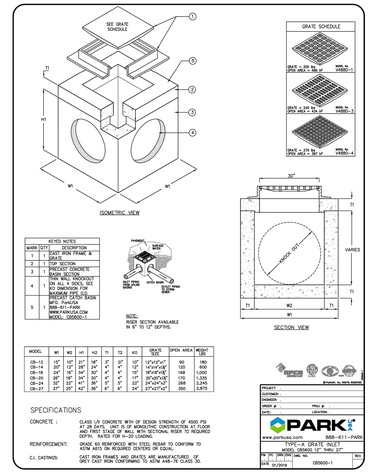


CURB INLET TOP TYPE 9

TABLE OF CONTENTS:

Sheet	Description
1	General Notes and Contents
2	Frame and Grate Details
3	Top Slab Details

LAST REVISION: 11/01/20	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	CURB INLET TYPE 9	INDEX 425-024	SHEET 1 of 3



KEYED NOTES		
MARK	QTY	DESCRIPTION
1	1	CAST IRON FRAME & GRATE
2	1	TOP SECTION
3	1	PRECAST CONCRETE, CONCENTRIC CONE
4	1 OR 2	RISER SECTION(S) ON ALL 4 SIDES, SEE TABLE FOR HEIGHT
5	1	MODIFIED PIPE O.D. PRECAST CATCH BASIN BOTTOM

MANUFACTURED BY: PARK USA 888-611-PARK WWW.PARKUSA.COM MODEL: CB9600-1

NOTE: RISER SECTION AVAILABLE IN 6" TO 12" DEPTHS.

MODEL	W1	W2	H1	H2	T1	T2	#12	GRATE SIZE	OPEN AREA	WEIGHT LBS
CB-12	12"	10"	21"	16"	3"	3"	12"	12"x12"x1"	90	180
CB-18	18"	15"	26"	21"	4.5"	3"	12"	14"x14"x8"	120	300
CB-24	24"	20"	32"	26"	4.5"	3"	12"	20"x20"x8"	110	1,100
CB-30	30"	26"	38"	32"	4.5"	3"	17"	30"x30"x8"	110	1,335
CB-36	36"	32"	44"	38"	4.5"	3"	23"	24"x24"x2"	268	2,245
CB-37	37"	33"	45"	39"	4.5"	3"	24"	37"x37"x2"	360	2,875

SPECIFICATIONS

CONCRETE : CLASS I/II CONCRETE WITH OF DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. CAST IN 3' OF MONOLITHIC CONSTRUCTION AT TOTOR AND FIRST STAGE OF WALL WITH SECTIONAL RISER TO REQUIRED DEPTH. RATED FOR H-20 LOADING.

REINFORCEMENT: STRUCTURAL REINFORCEMENT CONFORMING TO ASTM-C-478. USING AS A MINIMUM SIZES, REMAK TO CONFORM TO DESIGN REQUIREMENTS STATED, OR EQUAL

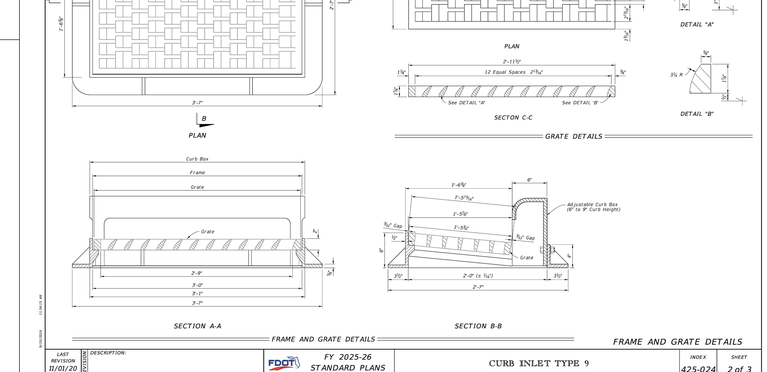
C.I. CASTINGS: CAST IRON FRAMES AND GRATES ARE MANUFACTURED OF GREY CAST IRON CONFORMING TO ASTM A48-76 CLASS 30.

TYPE "A" GRATE INLET MODEL CB9600 12" THRU 37"

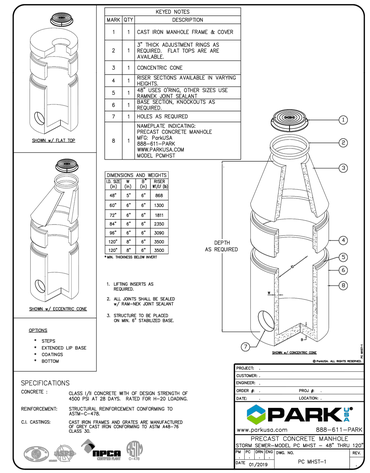
PC	PE	DATE	DWG. NO.	REV.
DATE: 01/2018			CB9600-1	

PROJECT:
CUSTOMER:
ENGINEER:
ORDER #: PROJ #:
DATE: LOCATION:

PARK USA
www.parkuso.com 888-611-PARK



LAST REVISION: 11/01/20	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	CURB INLET TYPE 9	INDEX 425-024	SHEET 2 of 3



KEYED NOTES		
MARK	QTY	DESCRIPTION
1	1	CAST IRON MANHOLE FRAME & COVER
2	1	3" THICK ADJUSTMENT RINGS AS REQUIRED. FLAT TOPS ARE AVAILABLE.
3	1	CONCENTRIC CONE
4	1	RISER SECTIONS AVAILABLE IN VARYING HEIGHTS
5	1	48" USES O'RING, OTHER SIZES USE RAMNEK JOINT SEALANT
6	1	BASE SECTION, KNOCKOUTS AS REQUIRED
7	1	HOLES AS REQUIRED
8	1	NAMEPLATE INDICATING PRECAST CONCRETE MANHOLE MFG: ParkUSA 888-611-PARK WWW.PARKUSA.COM MODEL: POMHST

DIMENSIONS AND WEIGHTS			
Ø SIZE W (in)	H (in)	RISER WGT. (lb)	
48"	5'	6"	868
60"	6'	6"	1300
72"	6'	6"	1811
84"	6'	6"	2350
96"	6'	6"	3090
120"	6'	6"	3500
132"	8'	6"	3500

* MIN. THICKNESS BELOW INVERT

1. LIFTING INSERTS AS REQUIRED.
2. ALL JOINTS SHALL BE SEALED w/ RAM-NEK JOINT SEALANT
3. STRUCTURE TO BE PLACED ON MIN. 8" STABILIZED BASE.

OPTIONS
- STEPS
- EXTENDED LIP BASE
- COATINGS
- BOTTOM

SPECIFICATIONS

CONCRETE : CLASS I/II CONCRETE WITH OF DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. RATED FOR H-20 LOADING.

REINFORCEMENT: STRUCTURAL REINFORCEMENT CONFORMING TO ASTM-C-478.

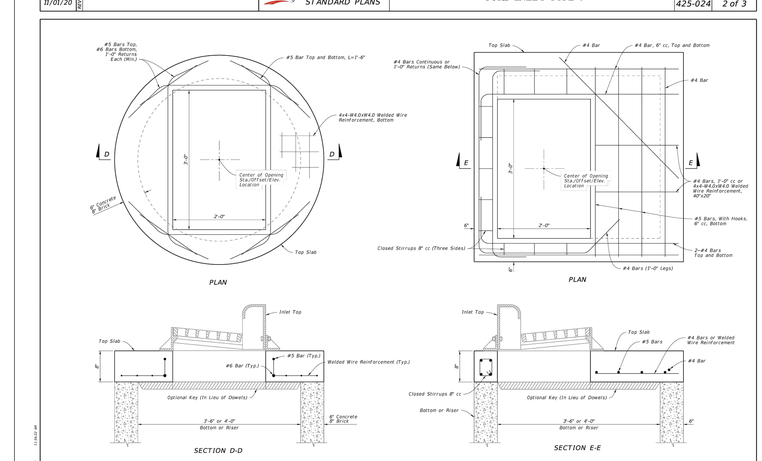
CI. CASTINGS: CAST IRON FRAMES AND GRATES ARE MANUFACTURED OF GREY CAST IRON CONFORMING TO ASTM A48-76 CLASS 30.

PROJECT:
CUSTOMER:
ENGINEER:
ORDER #: PROJ #:
DATE: LOCATION:

PARK USA
www.parkuso.com 888-611-PARK

PRECAST CONCRETE MANHOLE
STORM SEWER-MODEL PC MHST-- 48" THRU 120"

Pre	Pit	Date	Dwg. No.	Rev.
DATE: 01/2018			PC MHS1-1	



LAST REVISION: 11/01/20	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	CURB INLET TYPE 9	INDEX 425-024	SHEET 3 of 3

GROUNDWATER / DEWATERING NOTE:

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811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
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No.	REVISIONS	DATE	BY

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PHONE: 954-535-5100 FAX: 954-739-2247
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JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

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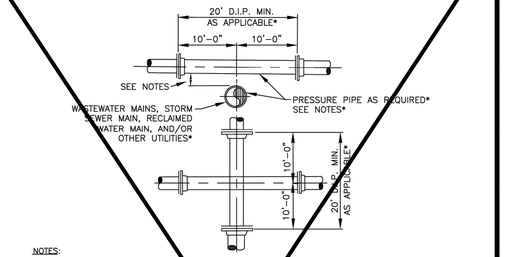
KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

CONSTRUCTION DETAILS

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

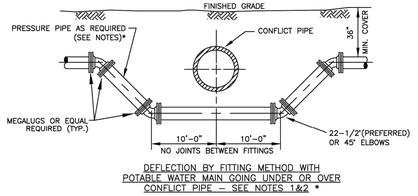
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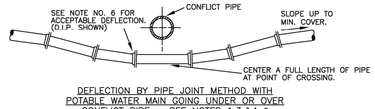
NOTES:

1. WHEN A POTABLE WATER MAIN CROSSES OVER A STORM SEWER, GRAVITY WASTEWATER, VACUUM GRAVITY WASTEWATER, WASTEWATER FORCE MAIN, AND/OR A RECLAIMED WATER MAIN THE POTABLE WATER MAIN SHALL BE LAID TO PROVIDE A MINIMUM OF TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHERE THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED, A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT SECTION OF POTABLE WATER DUCTILE IRON PIPE MAIN IS CENTERED ON CROSSING WITH THE LOWER PIPE BEING A PRESSURE CLASS PIPE HAVING A TWENTY (20) FOOT SECTION CENTERED ON THE CROSSING PER DEP REGULATIONS. WHEN THE POTABLE WATER MAIN CROSSES UNDER ANY STORM SEWER, GRAVITY WASTEWATER, VACUUM GRAVITY WASTEWATER, WASTEWATER FORCE MAIN, AND/OR A RECLAIMED WATER MAIN A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION IS REQUIRE WITH NO EXCEPTIONS AND ONLY WITH PRIOR DEPARTMENT APPROVAL. *
2. A TEN (10) FOOT MINIMUM HORIZONTAL SEPARATION (OUTSIDE WALL TO OUTSIDE WALL) IS REQUIRED BETWEEN A POTABLE WATER MAIN AND A STORM SEWER, GRAVITY WASTEWATER, VACUUM GRAVITY WASTEWATER, WASTEWATER FORCE MAIN, AND/OR A RECLAIMED WATER MAIN. A SIX (6) FOOT MINIMUM HORIZONTAL SEPARATION (OUTSIDE WALL TO OUTSIDE WALL) IS ACCEPTABLE WITH PRIOR DEPARTMENT APPROVAL BEFORE THE INSTALLATION OF THE POTABLE WATER MAIN. A THREE (3) FOOT MINIMUM HORIZONTAL SEPARATION (OUTSIDE WALL TO OUTSIDE WALL) BETWEEN A POTABLE WATER MAIN AND A RECLAIMED WATER MAIN IS ACCEPTABLE WITH PRIOR DEPARTMENT APPROVAL BEFORE THE INSALLATION OF THE POTABLE WATER MAIN. *
3. WHEN A POTABLE WATER MAIN CROSSES ANY ELECTRICAL CONDUIT(S), COMMUNICATION CONDUIT(S), AND/OR GAS MAIN, A MINIMUM OF EIGHTEEN (18) INCH VERTICAL SEPARATION IS REQUIRED BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. THE POTABLE WATER MAIN SHALL ALWAYS CROSS OVER THE OTHER UTILITY MAIN(S) UNLESS THE DEPARTMENT APPROVED OTHERWISE BEFORE THE INSTALLATION OF THE POTABLE WATER MAIN. WHEN THE POTABLE WATER MAIN IS D.I.P. AND THE GAS MAIN IS STEEL PIPE THE POTABLE WATER MAIN SHALL BE POLYWRAPPED PER DEPARTMENT STANDARDS.*
4. WASTEWATER LATERALS SHALL CROSS UNDER POTABLE WATER MAINS WITH A MINIMUM OF TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHEN THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED, A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT SECTION OF POTABLE WATER DUCTILE IRON PIPE MAIN IS CENTERED OVER THE WASTEWATER LATERAL AND THE LATERAL IS PVC C-900 PIPE. WHERE A WASTEWATER LATERAL MUST CROSS OVER A POTABLE WATER MAIN A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION IS REQUIRED WITH THE LATERAL BEING PVC C-900 PIPE AND THE POTABLE WATER MAIN HAVING A TWENTY (20) FOOT SECTION OF POTABLE WATER DUCTILE IRON PIPE POTABLE WATER MAIN CENTERED ON THE CROSSING. *
5. POTABLE WATER SERVICE LINES SHALL ALWAYS CROSS OVER WASTEWATER MAINS WITH MINIMUM TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. IF THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE MAINTAINED THE WATER SERVICE LINE SHALL BE ENCASED IN A TEN (10) FOOT MINIMUM LONG CASING CENTERED OVER THE CROSSING WITH SIX (6) INCH MINIMUM VERTICAL SEPARATION. *
6. POTABLE WATER MAINS SHALL CROSS PERPENDICULAR TO ALL WASTEWATER MAINS, STORM SEWER MAINS, RECLAIMED WATER MAINS, AND/OR OTHER UTILITIES WHENEVER POSSIBLE. *

POTABLE WATER, WASTEWATER MAIN AND STORM SEWER CONFLICT * 18W



DEFLECTION BY FITTING METHOD WITH POTABLE WATER MAIN GOING UNDER OR OVER CONFLICT PIPE – SEE NOTES 1&2 *

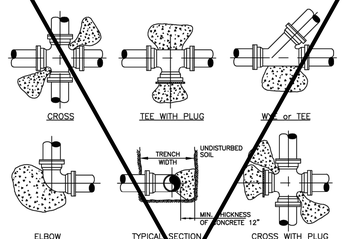


DEFLECTION BY PIPE JOINT METHOD WITH POTABLE WATER MAIN GOING UNDER OR OVER CONFLICT PIPE – SEE NOTES 1,3,&4 *

NOTES:

1. DEFLECTIONS BY FITTINGS AND/OR PIPE JOINT METHODS APPLIES TO POTABLE WATER MAIN CROSSING OVER OR UNDER CONFLICT PIPE WITH CROSSING OVER CONFLICT PIPE PREFERRED. WHEN A POTABLE WATER MAIN CROSSES OVER A STORM SEWER, GRAVITY WASTEWATER, VACUUM GRAVITY WASTEWATER, WASTEWATER FORCE MAIN, AND/OR RECLAIMED WATER MAIN THE POTABLE WATER MAIN SHALL BE LAID TO PROVIDE A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHEN THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED, A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT SECTION OF POTABLE WATER DUCTILE IRON PIPE MAIN IS CENTERED ON THE CROSSING WITH THE LOWER PIPE BEING A PRESSURE CLASS PIPE HAVING A TWENTY (20) FOOT SECTION CENTERED ON CROSSING PER DEP REGULATIONS. WHEN THE POTABLE WATER MAIN CROSSES UNDER ANY STORM SEWER, GRAVITY WASTEWATER, VACUUM GRAVITY WASTEWATER, WASTEWATER FORCE MAIN, AND/OR RECLAIMED WATER MAIN, A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION IS REQUIRED WITH NO EXCEPTIONS AND ONLY WITH PRIOR DEPARTMENT APPROVAL. *
2. THE PREFERRED PIPE DEFLECTION METHOD IS BY USING MECHANICAL RESTRAINT FITTINGS. *
3. POTABLE WATER MAIN DEFLECTION BY PIPE JOINT METHOD REQUIRES DEPARTMENT APPROVAL PRIOR TO THE INSTALLATION OF THE POTABLE WATER MAIN. *
4. DEFLECTION BY PIPE JOINT SHALL NOT EXCEED SEVENTY-FIVE PERCENT (75%) OF MANUFACTURER'S RECOMMENDED MAXIMUM JOINT DEFLECTION FOR DUCTILE IRON PIPE AND PVC PIPE DEFLECTION CAN ONLY BE ALLOWED BY INSTALLING THE APPROPRIATE FITTINGS – NO EXCEPTIONS. *

POTABLE WATER MAIN / FORCE MAIN PRESSURE PIPE CONFLICT DETAIL * 19W

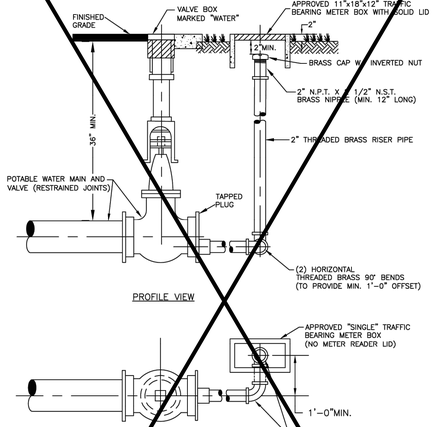


PIPE	THRUST BLOCK AREA REQ'D	REMARKS	NOTE: FOR OTHER FITTINGS USE THE FOLLOWING FACTORS.
4"	2.0 SQ. FT.	VALUES ARE FOR 90° BEND, BASED ON 2000 P.S.F. SAFE BEARING LOAD AND PIPE PRESSURE OF 150 P.S.I. FOR OTHER SOILS & PRESSURES THE AREA REQUIRED IS IN DIRECT PROPORTION	TEE 100% 45° BEND 71% 22 1/2° BEND 36% 11 1/4° BEND 20% DEAD END 100%
6"	4.0 SQ. FT.		
8"	6.6 SQ. FT.		
10"	10.0 SQ. FT.		
12"	14.0 SQ. FT.		
14"	18.6 SQ. FT.		

NOTES:

1. CONCRETE THRUST BLOCKS OF THRUST COLLARS MAY BE UTILIZED ONLY IF NECESSARY FOR CONNECTIONS TO AN EXISTING PIPING SYSTEM, OTHERWISE MECHANICAL RESTRAINTS SHALL BE USED. KEEP "T" BOLTS CLEAR OF CONCRETE, WRAPPED IN VISQUEEN FOR FUTURE ACCESS. WITH A MINIMUM OF 1' THICKNESS BETWEEN THE FITTING AND SOIL.
2. BEFORE POURING CONCRETE, PLUGS SHALL BE WRAPPED WITH VISQUEEN AND A BOARD PLACED IN FRONT.
3. CONCRETE SHALL BE 2500 P.S.I. MINIMUM.
4. THE ENGINEER OF RECORD SHALL SUBMIT A THRUST BLOCK SIZE CALCULATION FOR TEE CONNECTIONS INTO UNRESTRAINED EXISTING MAINS LARGER THAN 14".
5. THE ENGINEER OF RECORD SHALL SUBMIT A PIPE RESTRAINT DESIGN FOR INLINE EXPANSIONS OF A EXISTING UNRESTRAINED MAIN IF MECHANICAL JOINT RESTRAINT CAN NOT BE INSTALLED ON THE EXISTING MAIN.

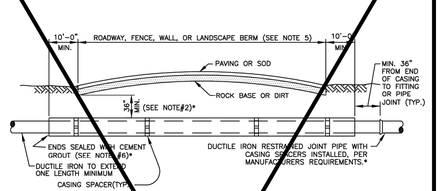
TYPICAL THRUST BLOCKS FOR PRESSURE PIPE 20W



NOTES:

1. TEMPORARY DEAD END BLOWOFF ONLY ALLOWED WITH PRIOR DEPARTMENT APPROVAL.
2. BLOWOFF BOX TO BE LOCATED IN GRASS AREA, MIN. 2' FROM SIDEWALK OR PAVEMENT.
3. PERMANENT DEAD ENDS REQUIRE THE INSTALLATION OF AN APPROVED AUTOMATIC FLUSHING ASSEMBLY.
4. ALL BRASS SHALL BE "LEAD FREE".

TYPICAL 2" TERMINAL BLOWOFF POTABLE WATER DISTRIBUTION MAINS 21W

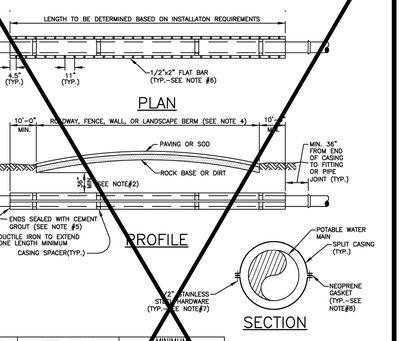


CARRIER PIPE SIZE	STEEL CASING INSIDE DIAMETER (MIN)	MINIMUM WALL THICKNESS (SEE NOTE 2)
4"	12"	.188
6"	14"	.250
8"	20"	.250
10"	20"	.250
12"	24"	.250
14"	24"	.250
16"	30"	.312
18"	30"	.312
20"	36"	.372
24"	42"	.500
30"	48"	.500
36"	54"	.625
42"	60"	.625
48"	72"	.625

NOTES:*

1. A PROFILE DRAWING TO SCALE FOR EACH JACK AND BORE, DIRECTIONAL DRILL, OR DIRECT BURIED INSTALLATION IS REQUIRED TO BE APPROVED BY THE DEPARTMENT PRIOR TO INSTALLATION. IF A SPLIT CASING IS REQUIRED SEE WUD DETAIL 22WB.*
2. THE RIGHT-OF-WAY OWNER MAY REQUIRE THICKER WALL CASING AND LARGER COVER OVER CASING.*
3. STEEL CASING SHALL BE COATED OUTSIDE WITH COAL TAR EPOXY (MIN. 16 MILS DFT) AND BE PAINTED WITH A 4" MINIMUM CONTINUOUS STRIPE, ALASKA BLUE IN COLOR, ALONG THE TOP SIDE OF THE CASING.*
4. PIPE IN CASING SHALL BE PULLED TO FULLY ENGAGE RESTRAINT.
5. STEEL CASING IS REQUIRED FOR ALL POTABLE WATER MAIN INSTALLATIONS UTILIZING JACK AND BORE OR WHEN MAINS ARE INSTALLED UNDER FENCES, WALLS, OR LANDSCAPE BERMS. WHEN A CASING IS INSTALLED UNDER A FENCE, WALL, OR BERM SEE WUD STANDARD DETAIL 48W FOR INSTALLATION REQUIREMENTS.*
6. NON-SHRINKABLE CEMENT GROUT TO BE INSTALLED TO OBTAIN WATERTIGHT SEAL AT EACH END OF CASING.*

POTABLE WATER MAIN SOLID CASING INSTALLATION DETAIL * 22WA

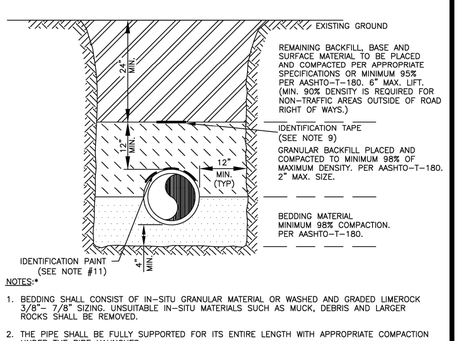


CARRIER PIPE SIZE	STEEL CASING INSIDE DIAMETER (MIN)	MINIMUM WALL THICKNESS (SEE NOTE 2)
4"	12"	.188
6"	14"	.250
8"	20"	.250
10"	20"	.250
12"	24"	.250

NOTES:

1. A SHOP DRAWING TO SCALE FOR EACH SPLIT CASING INSTALLATION IS REQUIRED AND TO BE APPROVED BY THE DEPARTMENT PRIOR TO INSTALLATION.
2. THE RIGHT-OF-WAY OWNER MAY REQUIRE THICKER WALL CASING AND LARGER COVER OVER CASING.
3. STEEL CASING SHALL BE COATED OUTSIDE WITH COAL TAR EPOXY (MIN. 16 MILS DFT) AND BE PAINTED WITH A 4" MINIMUM CONTINUOUS STRIPE, ALASKA BLUE IN COLOR, ALONG THE TOP SIDE OF THE CASING.*
4. SPLIT STEEL CASING IS REQUIRED ON ALL EXISTING POTABLE WATER INSTALLATIONS WHEN A NEW STORM DRAINAGE OR OTHER UTILITY PIPE IS INSTALLED AND CANNOT ACHIEVE THE PROPER VERTICAL SEPARATION PER WUD STANDARDS ALONG WITH WHEN A NEW FENCE, WALL, OR LANDSCAPE BERM IS INSTALLED OVER AN EXISTING POTABLE WATER MAIN. WHEN A SPLIT CASING IS INSTALLED UNDER A FENCE, WALL, OR LANDSCAPE BERM SEE WUD STANDARD DETAIL 48W FOR INSTALLATION REQUIREMENTS.
5. NON-SHRINKABLE CEMENT GROUT TO BE INSTALLED TO OBTAIN WATERTIGHT SEAL AT EACH END OF CASING.
6. FLAT BARS TO BE STITCH WELDED AT 6" LENGTHS TO EDGE OF CASING ON EACH SIDE.
7. CASING TO BE ASSEMBLED IN FIELD WITH 1/2" STAINLESS STEEL BOLTS, WASHERS, AND NUTS ON EACH SIDE.
8. 1/4" NEOPRENE GASKET MATERIAL EXTENDING PAST CASING JOINT FOR POSITIVE SEAL ON EACH SIDE.

POTABLE WATER MAIN SPLIT CASING INSTALLATION DETAIL * 22WB



NOTES:*

1. BEDDING SHALL CONSIST OF IN–SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" – 7/8" SIZING. UNSUITABLE IN–SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.
5. DENSITY TESTS ARE REQUIRED IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM, MINIMUM 1 SET OF TESTS FOR EACH WASTEWATER GRAVITY MAIN RUN, OR AS DIRECTED BY THE INSPECTOR.
6. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
7. SEE SEPARATE DETAILS FOR "PIPE INSTALLATION UNDER EXISTING PAVEMENT – OPEN CUT."
8. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
9. APPROVED 6" WIDE MAGNETIC TAPE IS REQUIRED ON ALL POTABLE WATER MAINS.*
10. CONTINUOUS 4" WIDE BLUE PAINT STRIPPING IS REQUIRED FOR POTABLE WATER MAIN DUCTILE IRON PIPE (D.I.P.) INSTALLED BELOW GRADE ONLY.*
11. A CONTINUOUS 4" WIDE PAINTED STRIP (BLUE) IS REQUIRED FOR ALL DIP/PCCP POTABLE WATER MAINS.*
12. POTABLE WATER MAIN INSTALLATIONS WITHIN PUBLIC ROAD RIGHT–OF–WAYS SHALL BE BY THE SPECIFICATIONS OF THE JURISDICTION GRANTING THE RIGHT–OF–WAY UTILITY PERMIT.*
13. FOR PIPE INSTALLATIONS IN ROAD RIGHTS–OF–WAY, ROAD OWNER'S PERMIT SPECIFICATIONS SHALL APPLY.

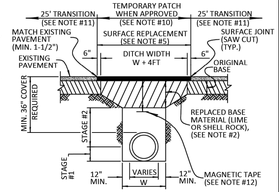
POTABLE WATER TRENCH DETAIL * 23W

CONSTRUCTION PROCEDURES

THE BACKFILL FOR THE FIRST AND SECOND STAGES SHALL BE PLACED IN 6" LAYERS (COMPACTED THICKNESS) AND SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

STAGE 1:
THE CONTRACTOR SHALL PROVIDE ADEQUATE COMPACTED FILL BENEATH THE HAUNCHES OF THE PIPE, USING MECHANICAL TAMPS SUITABLE FOR THIS PURPOSE. THIS COMPACTION APPLIES TO THE MATERIAL PLACED BENEATH THE HAUNCHES OF THE PIPE AND ABOVE ANY BEDDING REQUIRED.

STAGE 2:
THE CONTRACTOR SHALL OBTAIN A WELL-COMPACTED BED AND FILL ALONG THE SIDES OF THE PIPE AND TO A POINT INDICATING THE TOP OF SUB-GRADE MATERIAL.



REPLACEMENT OF FLEXIBLE PAVEMENT FOR PERMITTED PAVEMENT CUT

NOTES

1) BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" – 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2) REPLACED BASE MATERIAL (PER LAND DEVELOPMENT DESIGN STANDARDS) OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE AND MATCH THE TYPE OF MATERIAL OF THE ORIGINAL BASE OR 12" MINIMUM, WHICHEVER IS GREATER.
3) ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED AND BUTT-JOINTED.
4) BASE MATERIAL SHALL BE PLACED IN TWO OR THREE LAYERS (6" MAX. PER LAYER) AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO THE SPECIFIED DENSITY (MINIMUM 98% AASHTO – T-180)
5) SURFACE MATERIAL WILL BE CONSISTENT WITH THE EXISTING SURFACE OR 1-1/2" SP 12.5 STRUCTURAL COURSE (TRAFFIC LEVEL A) ASPHALTIC CONCRETE WITH RC-70 PRIME COAT AT 0.10 GAL/SQ. YD. FOR LIMEROCK BASE AND TACK COAT AT 0.05 GAL/S.Y FOLLOW THE LATEST FDOT SPECIFICATIONS FOR APPLICATION RATES OF PRIME AND TACK COATS, CONTRACTOR TO SUBMIT MATERIALS AND RATES TO ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK.
6) PIPE SHALL BE PLACED IN A DRY TRENCH.
7) ALL ROADWAY REPAIR WORK SHALL BE PERFORMED IN CONFORMANCE WITH APPLICABLE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND COUNTY PPM# EL-0-3606.
8) DENSITY TESTS SHALL BE TAKEN IN 1 FT. LIFTS ABOVE THE PIPE AT INTERVALS OF 400 FT MAXIMUM (1 SET MINIMUM) OR AS DIRECTED BY THE CONSTRUCTION COORDINATION DIVISION. RESULTS SHALL BE SUBMITTED TO CONSTRUCTION COORDINATION DIVISION AS PART OF THEIR FIELD REVIEW.
9) ENGINEER-OF-RECORD SHALL PROVIDE FULL-TIME INSPECTION DURING THE ENTIRETY OF THE OPEN-CUT OPERATION, BEGINNING WITH THE EXCAVATION AND CONTINUING THROUGH THE COMPLETION OF THE PAVING.
10) IF THE PAVEMENT IS NOT COMPLETELY RESTORED IMMEDIATELY FOLLOWING THE OPEN CUT, A SMOOTH TEMPORARY PATCH (MINIMUM 1.5" SP 12.5 STRUCTURAL COURSE ASPHALT) SHALL BE INSTALLED PROPERLY MATCHING THE EXISTING GRADING OF THE ROADWAY. THE TEMPORARY PATCH SHALL BE ALLOWED TO REMAIN IN PLACE AND BE MAINTAINED FOR A PERIOD NO LONGER THAN 45 DAYS. THE COUNTY RETAINS THE RIGHT TO USE POSTED SURETY TO COMPLETE ANY RESTORATION WORK THAT HAS NOT BEEN COMPLETED IN THE 45 DAY PERIOD. ALTERNATIVE TEMPORARY TRENCH PROTECTION (STEEL PLATES OR OTHERS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATION DIVISION.
11) FOR THE FINAL RESTORATION (INCLUDES THE PATCHED/SURFACE REPLACEMENT AREA OVER THE TRENCH), THE ROAD SHALL BE MILLED AND RESURFACED WITH 1-1/2" ONE AND A HALF INCH) OF SP 12.5 STRUCTURAL COURSE (TRAFFIC LEVEL A) WITH TACK COAT AT 0.05 GAL/SY AND RC-70 PRIME COAT AT 0.10 GAL/SY. FOR A FULL LANE WIDTH ENCROACHED BY THE TRENCH INCLUDING A TRANSITION AREA OF 25 FT. EACH SIDE MEASURED FROM TOP OF TRENCH.
12) APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL MAIN PRESSURE PIPES AND CONDUIT IN THE COUNTY'S RIGHT-OF-WAY. INSTALL TAPE 24" BELOW FINISHED GRADE.
13) CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE), DIP RECLAIMED WATER MAINS (PURPLE), GAS MAINS (YELLOW), OR AS REQUIRED BY THE APWA .

WUD ONLY UTILITY NOTE:
THE CONTINUOUS PAINTED STRIPE REFERENCED IN NOTE #13 ABOVE SHALL BE ALASKA BLUE IN COLOR PER WUD STANDARDS.

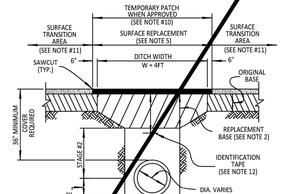
OPEN CUT PIPE INSTALLATION NON–THOROUGHFARE ROAD * 24W

CONSTRUCTION PROCEDURES

THE BACKFILL FOR THE FIRST AND SECOND STAGES SHALL BE PLACED IN 6" LAYERS (COMPACTED THICKNESS) AND SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.

STAGE 1:
THE CONTRACTOR SHALL PROVIDE ADEQUATE COMPACTED FILL BENEATH THE HAUNCHES OF THE PIPE, USING MECHANICAL TAMPS SUITABLE FOR THIS PURPOSE. THIS COMPACTION APPLIES TO THE MATERIAL PLACED BENEATH THE HAUNCHES OF THE PIPE AND ABOVE ANY BEDDING REQUIRED.

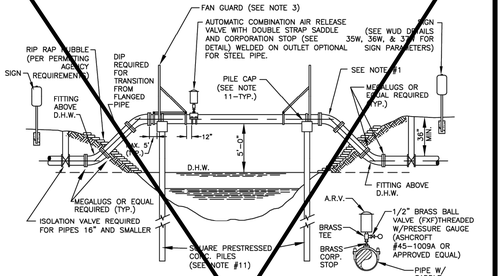
STAGE 2:
THE CONTRACTOR SHALL OBTAIN A WELL-COMPACTED BED AND FILL ALONG THE SIDES OF THE PIPE AND TO A POINT INDICATING THE TOP OF SUB-GRADE MATERIAL.



REPLACEMENT OF FLEXIBLE PAVEMENT FOR PERMITTED PAVEMENT CUT

NOTES

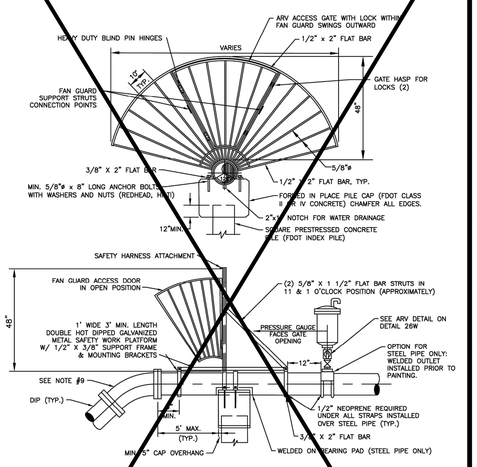
1) BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2) REPLACED BASE MATERIAL OVER DITCH SHALL BE 16" LIMEROCK (LBR100) MINIMUM FOR THOROUGHFARE PLAN ROADS. ANY ALTERNATE BASE MATERIAL REQUESTED BY THE ENGINEER OF RECORD REQUIRES APPROVAL BY THE ROADWAY PRODUCTION DIVISION.
3) ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED AND BUTT-JOINTED.
4) BASE MATERIAL (PER ROADWAY PRODUCTION DESIGN STANDARDS) SHALL BE PLACED IN TWO OR THREE LAYERS (6" MAX. PER LAYER) AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO THE SPECIFIED DENSITY. (MINIMUM 98% AASHTO - T-180).
5) 1" FRICTION COURSE FC-9.5 OVER 1-1/2" TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) WITH TACK COAT AT 0.05 GAL/SY AND RC-70 PRIME COAT AT 0.10 GAL/SY FOR LIMEROCK BASE. FOLLOW THE LATEST FDOT SPECIFICATIONS FOR APPLICATION RATES OF PRIME AND TACK COATS. CONTRACTOR TO SUBMIT MATERIALS AND RATES TO ENGINEER FOR APPROVAL PRIOR TO BEGINNING WORK.
6) PIPE SHALL BE PLACED IN A DRY TRENCH.
7) ALL ROADWAY REPAIR WORK SHALL BE PERFORMED IN CONFORMANCE WITH APPLICABLE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND COUNTY PPM# EL-0-3605.
8) DENSITY TESTS SHALL BE TAKEN IN 1 FT LIFTS ABOVE THE PIPE AT INTERVALS OF 400 FT MAXIMUM (1 SET MINIMUM) OR AS DIRECTED BY THE CONSTRUCTION COORDINATION DIVISION. RESULTS SHALL BE SUBMITTED TO CONSTRUCTION COORDINATION DIVISION AS PART OF THEIR FIELD REVIEW.
9) ENGINEER-OF-RECORD SHALL PROVIDE FULL-TIME INSPECTION DURING THE ENTIRETY OF THE OPEN-CUT OPERATION, BEGINNING WITH THE EXCAVATION AND CONTINUING THROUGH THE COMPLETION OF THE PAVING.
10) IF THE PAVEMENT IS NOT COMPLETELY RESTORED IMMEDIATELY FOLLOWING THE OPEN CUT, A SMOOTH TEMPORARY PATCH (MINIMUM 2.5" SP 12.5 STRUCTURAL COURSE ASPHALT) SHALL BE INSTALLED, PROPERLY MATCHING THE EXISTING GRADING OF THE ROADWAY. THE TEMPORARY PATCH SHALL BE ALLOWED TO REMAIN IN PLACE AND BE MAINTAINED FOR A PERIOD NO LONGER THAN 45 DAYS. THE COUNTY RETAINS THE RIGHT TO USE POSTED SURETY TO COMPLETE ANY RESTORATION WORK THAT HAS NOT BEEN COMPLETED IN THE 45 DAY PERIOD. ALTERNATIVE TEMPORARY TRENCH PROTECTION (STEEL PLATES OR OTHERS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATION DIVISION.
11) FOR FINAL RESTORATION (INCLUDES THE PATCHED/SURFACE REPLACEMENT AREA OVER THE TRENCH), THE ROAD SHALL BE MILLED 1" MILLING DEPTH/ RESURFACED PER NOTE 5 ABOVE FOR A FULL LANE WIDTH OF THE TRAVEL LANES ENCROACHED BY THE TRENCH AREA, INCLUDING A TRANSITION AREA OF 50 FT. ON EACH SIDE MEASURED FROM TOP OF TRENCH.
12) APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL MAIN PRESSURE PIPES AND CONDUIT IN THE COUNTY'S RIGHT-OF-WAY. INSTALL TAPE 24" BELOW FINISHED GRADE.
13) CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE), SANITARY MAINS (GRE



NOTES:

1. ALL EXPOSED PIPE SHALL BE DUCTILE IRON OR PREFABRICATED STEEL WITH FLANGED FITTINGS AND PROFILED GASKETS. RETAINER GLANDS AND UNIFLANGE TYPE FITTINGS ARE NOT TO BE SUBSTITUTED FOR FLANGED FITTINGS. PREFABRICATED STEEL PIPE MAY INCORPORATE WELDED ON LONG RADIUS UPPER BENDS. PREFABRICATED FLANGED PIPE SHALL BE FACTORY TESTED.
2. SPAN LENGTHS AS REQUIRED BY PERMITTING AGENCY
3. FAN GUARDS ARE REQUIRED. SEE FAN GUARD/PILE CAP DESIGN DETAIL 27W FOR ADDITIONAL REQUIREMENTS. ACCESS PLATFORM AND GATE REQUIRED ON ARV SIDE ONLY.
4. ALL STEEL PIPE SHALL HAVE WELDED ON BEARING PADS EXTENDED 1" MINIMUM BEYOND PIPE CRADLE WITH PAD INSTALLED PRIOR TO PAINTING. ALL EXPOSED STEEL PIPING SHALL BE PAINTED AS SPECIFIED IN THE APPROVED MATERIALS LIST WITH ALL HARDWARE BEING PAINTED WITH COAL-TAR EPOXY.
5. PIPE SHALL BE CRADLED ON ½" THICK NEOPRENE.(DUROMETER GRADE 50.) CURRENT FDOT STANDARDS APPLY. NEOPRENE IS REQUIRED AT ALL STRAPS INSTALLED OVER STEEL PIPE. NEOPRENE SHALL EXTEND MIN. 1" BEYOND THE EDGES OF CRADLE AND STRAPS.
6. TIE-DOWN STRAPS MUST PROPERLY FIT AND SECURE PIPE IN CRADLE.
7. PIPE CRADLE IN CAP SHALL CONTACT ⅓ CIRCUMFERENCE OF PIPE. (SEE FAN GUARD DETAIL 27W)
8. SHOW EXISTING CANAL CROSS SECTION ULTIMATE CANAL SECTION AND RELEVANT ELEVATIONS AND DISTANCES ON A TO SCALE DETAIL DRAWING.
9. PILE LIFT CABLE SHALL BE REMOVED BELOW SURFACE; HOLE SHALL BE FILLED WITH EPOXY CEMENT.
10. THREADED AREAS OF BRASS FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO WRAPS OF TEFLON TAPE.
11. THE PILES AND CAP DESIGN TO BE ON DETAILED SHOP DRAWINGS. THE REQUIRED PILES SHALL BE 14"x14" MIN. – TYPE 1A PER FLORIDA DOT INDEX. PILES PILE PENETRATION BELOW CANAL BOTTOM SHALL BE 15' MINIMUM WITH EACH PILE LOAD CAPACITY BEING 20 TONS MINIMUM (FDOT STANDARDS APPLY). ALL REQUIRED AERIAL CROSSING SHOP DRAWINGS SHALL BE TO SCALE AND SIGNED AND SEALED BY A STRUCTURAL ENGINEER.
12. THE AERIAL CROSSING STRUCTURAL ENGINEER OF RECORD SHALL PROVIDE IN WRITING A SIGNED AND SEALED LETTER CERTIFYING THE AERIAL CROSSING INSTALLATION WAS COMPLETED PER HIS/HER DESIGN AND ALL APPLICABLE STANDARDS AND PERMITS.

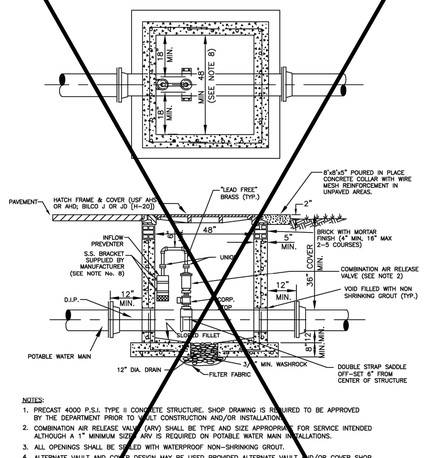
POTABLE WATER MAIN TYPICAL AERIAL CANAL CROSSING – SINGLE PIPE (SINGLE PILES) * 26W



NOTES:

1. FAN GUARDS SHALL BE PLACED AT EACH END OF CANAL CROSSING.
2. FANGUARD WITH HARDWARE SHALL BE FABRICATED FROM DOUBLE HOT DIPPED GALVANIZED STEEL.
3. SHOP DRAWINGS FOR FANGUARDS, CAPS, AND PILES MUST BE SUBMITTED TO PBCWUD FOR REVIEW AND APPROVAL PRIOR TO PRE-CONSTRUCTION MEETING.
4. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. MIN. 2" CONCRETE COVER OVER ALL STEEL.
5. NO WELDING OF REBAR TO REBAR OR REBAR TO PILE STRANDS SHALL BE ALLOWED.
6. LONG RADIUS WELDED ON UPPER BENDS ARE ACCEPTABLE FOR STEEL PIPE.
7. THE PILE/CAP STEEL CONNECTION SHALL BE WITH A MINIMUM OF 4–#8 REINFORCEMENT BARS. THE BARS SHALL BE DRILLED AND DOWLED (EPOXIED) A MINIMUM OF 14" IN DEPTH INTO THE PILE AND TIED TO THE CAP STEEL.
8. ACCESS PLATFORM AND GATE REQUIRED ON ARV SIDE ONLY.
9. SEE TYPICAL AERIAL CROSSING DETAIL 26W FOR ADDITIONAL REQUIREMENTS.

FAN GUARD/ PILE CAP DESIGN SINGLE PIPE (SINGLE PILES) * 27W



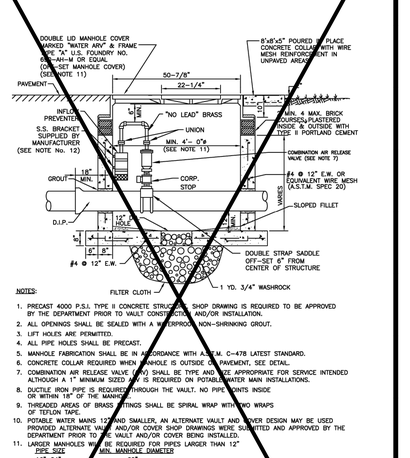
NOTES:

1. PRECAST 4000 P.S.I. TYPE II CONCRETE STRUCTURE. SHOP DRAWING IS REQUIRED TO BE APPROVED BY THE DEPARTMENT PRIOR TO VAULT CONSTRUCTION AND/OR INSTALLATION.
2. COMBINATION AIR RELEASE VALVE (ARV) SHALL BE TYPE AND SIZE APPROPRIATE FOR SERVICE INTENDED ALTHOUGH A 1" MINIMUM SIZED ARV IS REQUIRED ON POTABLE WATER MAIN INSTALLATIONS.
3. ALL OPENINGS SHALL BE SEALED WITH WATERPROOF NON–SHRINKING GROUT.
4. ALTERNATE VAULT AND COVER DESIGN MAY BE USED PROVIDED ALTERNATE VAULT AND/OR COVER SHOP DRAWINGS WERE SUBMITTED AND APPROVED BY THE DEPARTMENT PRIOR TO THE VAULT AND/OR COVER BEING INSTALLED.
5. DUCTILE IRON PIPE IS REQUIRED THROUGH THE VAULT. NO PIPE JOINTS INSIDE OR WITHIN 12" OF THE VAULT.
6. THREADED AREAS OF BRASS FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO WRAPS OF TEFLON TAPE.
7. LARGER VAULTS WILL BE REQUIRED FOR PIPES LARGER THAN 12"

PIPE SIZE	MIN. VAULT SIZE
16"–24"	4'x5'
30"–42"	4'x6'

8. SHOP DRAWINGS ARE REQUIRED FOR CUSTOM MADE BRACKETS

POTABLE WATER MAIN UNDERGROUND AIR RELEASE VALVE AND VAULT IN NON–TRAFFIC AREAS OUTSIDE OF ROAD R/W 28W



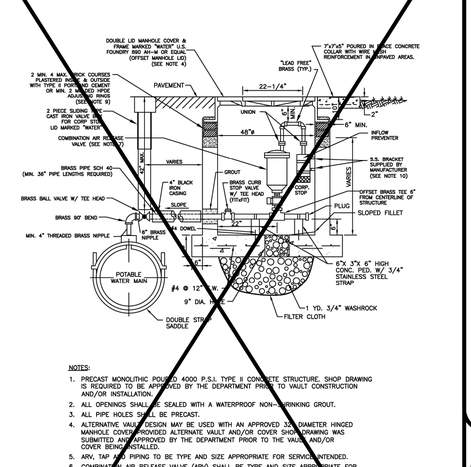
NOTES:

1. PRECAST 4000 P.S.I. TYPE II CONCRETE STRUCTURE. SHOP DRAWING IS REQUIRED TO BE APPROVED BY THE DEPARTMENT PRIOR TO VAULT CONSTRUCTION AND/OR INSTALLATION.
2. ALL OPENINGS SHALL BE SEALED WITH A WATERPROOF NON–SHRINKING GROUT.
3. LIFT HOLES ARE PERMITTED.
4. ALL PIPE HOLES SHALL BE PRECAST.
5. MANHOLE FABRICATION SHALL BE IN ACCORDANCE WITH A.S.T.M. C–478 LATEST STANDARD.
6. CONCRETE COLLAR REQUIRED WHEN MANHOLE IS OUTSIDE OF PAVEMENT, SEE DETAIL.
7. COMBINATION AIR RELEASE VALVE (ARV) SHALL BE TYPE AND SIZE APPROPRIATE FOR SERVICE INTENDED ALTHOUGH A 1" MINIMUM SIZED ARV IS REQUIRED ON POTABLE WATER MAIN INSTALLATIONS.
8. DUCTILE IRON PIPE IS REQUIRED THROUGH THE VAULT. NO PIPE JOINTS INSIDE OR WITHIN 18" OF THE MANHOLE.
9. THREADED AREAS OF BRASS FITTINGS SHALL BE SPIRAL WRAP WITH TWO WRAPS OF TEFLON TAPE.
10. POTABLE WATER MAINS 12" AND SMALLER, AN ALTERNATE VAULT AND COVER DESIGN MAY BE USED PROVIDED ALTERNATE VAULT AND/OR COVER SHOP DRAWINGS WERE SUBMITTED AND APPROVED BY THE DEPARTMENT PRIOR TO THE VAULT AND/OR COVER BEING INSTALLED.
11. LARGER MANHOLES WILL BE REQUIRED FOR PIPES LARGER THAN 12"

PIPE SIZE	MIN. MANHOLE DIAMETER
16"–24"	60"
30"–42"	72"

12. SHOP DRAWINGS ARE REQUIRED FOR CUSTOM MADE BRACKETS
13. MANHOLES IN ROADWAYS SHALL BE LOCATED OUTSIDE OF WHEEL PATHS.

POTABLE WATER MAIN AIR RELEASE MANHOLE IN PAVED AREAS AND ROAD R/W 29W



NOTES:

1. PRECAST MONOLITHIC POURED 4000 P.S.I. TYPE II CONCRETE STRUCTURE. SHOP DRAWING IS REQUIRED TO BE APPROVED BY THE DEPARTMENT PRIOR TO VAULT CONSTRUCTION AND/OR INSTALLATION.
2. ALL OPENINGS SHALL BE SEALED WITH A WATERPROOF NON–SHRINKING GROUT.
3. ALL PIPE HOLES SHALL BE PRECAST.
4. ALTERNATIVE VAULT DESIGN MAY BE USED WITH AN APPROVED 32" DIAMETER HINGED MANHOLE COVER. PROVIDED ALTERNATE VAULT AND/OR COVER SHOP DRAWING WAS SUBMITTED AND APPROVED BY THE DEPARTMENT PRIOR TO THE VAULT AND/OR COVER BEING INSTALLED.
5. ARV, TAP AND PIPING TO BE TYPE AND SIZE APPROPRIATE FOR SERVICE INTENDED.
6. COMBINATION AIR RELEASE VALVE (ARV) SHALL BE TYPE AND SIZE APPROPRIATE FOR SERVICE INTENDED ALTHOUGH A 1" MINIMUM SIZED ARV IS REQUIRED ON POTABLE WATER MAIN INSTALLATIONS.
7. SHOP DRAWING IS REQUIRED FOR REVIEW AND APPROVAL.
8. THREADED AREAS OF BRASS FITTINGS AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO WRAPS OF TEFLON TAPE.
9. IN LIEU OF BRICK WORK, APPROVED PRECAST CONCRETE ADJUSTING RINGS MAY BE USED. INSTALLATION SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS.
10. SHOP DRAWINGS ARE REQUIRED FOR CUSTOM MADE BRACKETS
11. PIPE AND FITTINGS SHALL BE NO LEAD BRASS.
12. MANHOLES SHALL BE INSTALLED OUTSIDE TRAFFIC AREAS.

POTABLE WATER MAIN OFF–SET UNDERGROUND AIR RELEASE VALVE 30W

MAXIMUM QUANTITY OF WATER (GALLONS PER HOUR) THAT MAY BE SUPPLIED TO MAINTAIN PRESSURE WITHIN 5 P.S.I. OF THE SPECIFIED TEST PRESSURE

(MECHANICAL OR PUSH–ON JOINT, 18 FT. NOMINAL LENGTHS, PER 1000 FT. OF PIPE)

AVG. TEST PRESSURE PSI	PIPE DIAMETER (INCHES) 2	3	4	6	8	10	12	14	16	18	20	24	30	36	42	48
150	0.10	0.14	0.18	0.27	0.37	0.46	0.55	0.64	0.73	0.83	0.92	1.10	1.38	1.65	1.93	2.20
200	0.10	0.15	0.21	0.31	0.42	0.53	0.63	0.74	0.84	0.95	1.06	1.27	1.59	1.91	2.22	2.54

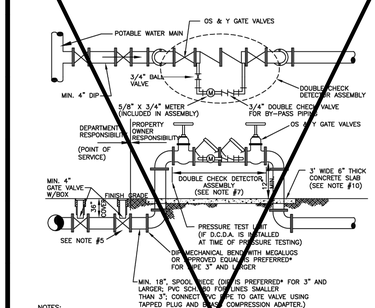
FORMULA BASIS: $L = \frac{(S) \times (D) \times (P)^{1/2}}{148{,}000} \times 1/2$

L = MAXIMUM QUANTITY OF WATER TO BE ADDED (GALLONS PER HOUR)
S = LENGTH OF PIPE TESTED (FEET)
D = DIAMETER OF PIPE (INCHES)
P = TEST PRESSURE (P.S.I.)

NOTES:

1. TO OBTAIN THE MAXIMUM QUANTITY OF WATER FOR PIPE WITH 20 FT. NOMINAL LENGTHS, MULTIPLY THE QUANTITY CALCULATED FROM THE TABLE BY 0.9
2. THE MAXIMUM QUANTITY OF ADDED WATER FOR A PIPELINE IS CALCULATED BY MULTIPLYING THE QUANTITY PER HOUR AS OBTAINED FROM THE ABOVE TABLE, BY THE DURATION OF THE TEST IN HOURS AND BY THE TOTAL LENGTH OF THE LINE BEING TESTED, DIVIDED BY 1,000. IF THE LINE UNDER TEST CONTAINS SECTIONS OF VARIOUS DIAMETERS, THE MAXIMUM QUANTITY ADDED WILL BE THE SUM OF THE COMPUTED QUANTITIES FOR EACH SIZE.
3. MAXIMUM TEST LENGTH = 2,500 FEET PER SECTION.
4. THIS STANDARD SHALL REFLECT ANY REVISION OF A.W.W.A. C–600, HOWEVER, THE MAXIMUM QUANTITY OF WATER ADDED SHALL NOT EXCEED 50% OF THE RECOMMENDED LIMIT PER APPLICABLE AWWA C–600 STANDARD.
5. STANDARD TEST PRESSURE = 150 P.S.I.; 200 P.S.I. FOR MAINS LARGER THAN 24"
6. PRESSURE TEST DURATION TO BE MIN. 2 HOURS.

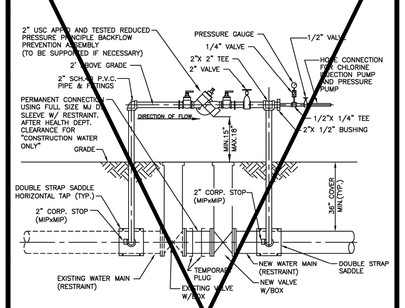
POTABLE WATER MAIN PRESSURE TEST CRITERIA 31W



NOTES:

1. ALL PIPE AND FITTINGS UP TO THE BACKFLOW PREVENTION ASSEMBLY (I.E. D.C.D.A.) POINT OF SERVICE VALVE SHALL BE DUCTILE IRON PER WUD STANDARDS.*
2. THE INITIAL TEST OF THE BACKFLOW PREVENTION ASSEMBLY SHALL BE PERFORMED BY THE DEPARTMENT PRIOR TO SERVICE ACTIVATION.
3. THE DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE APPROVED BY THE UNIVERSITY OF SOUTHERN CALIFORNIA (U.S.C.) OR THE A.S.S.E. (WITH ONE YEAR FIELD TESTING).
4. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE PROPER OPERATION, MAINTENANCE AND SUBSEQUENT TESTING OF THE DOUBLE CHECK DETECTOR ASSEMBLY BY A CERTIFIED BACKFLOW TECHNICIAN.
5. WHEN FIRE LINE LENGTH IS OVER ONE PIPE LENGTH, LINE SHALL BE TERMINATED WITH A GATE VALVE (=POINT OF SERVICE). NO PIPE JOINTS / CONNECTIONS ARE PERMITTED BETWEEN POINT OF SERVICE AND VERTICAL 90° BEND
6. THE DESIGN SHALL MINIMIZE ANY POTENTIAL FOR WATER MAIN WITH NO FLOW. A FIRE HYDRANT LOCATED NEAR THE DOUBLE CHECK DETECTOR ASSEMBLY MAY BE REQUIRED FOR LONG, DEAD ENDING DEDICATED FIRE LINES.
7. AN APPROVED REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY SHALL BE REQUIRED FOR ALL FIRE SYSTEMS WITH STORAGE TANKS AND/OR AUXILIARY WATER SUPPLY.*
8. TAMPER SWITCHES MAY BE REQUIRED BY THE FIRE MARSHAL.*
9. PIPE MATERIAL ON THE CUSTOMER SIDE OF POINT OF SERVICE VALVE SHALL COMPLY WITH FIRE MARSHAL REQUIREMENTS.*
10. 3' WIDE 6" THICK CONCRETE SLAB IS RECOMMENDED FOR ASSEMBLY SMALLER THAN 4".

DOUBLE CHECK DETECTOR ASSEMBLY * 32W



1. ENSURE PROPER RESTRAINT OF EXISTING VALVE AND PLUGGING PIPE PRIOR TO NEW PIPE CONNECTION.
2. ENSURE PROPER OPERATION OF EXISTING VALVE.
3. INSTALL BY–PASS PIPING AS SHOWN. A NEARBY HYDRANT OR SERVICE TAP MAY BE USED AS A WATER SOURCE.
4. USING BY–PASS AND CHLORINE INJECTOR PUMP, DISINFECT NEW WATER MAIN (MIN. 50 CHLORINE PPM IS REQUIRED FOR DISINFECTION).
5. COMPLETE FILLING OF THE NEW WATER MAIN AND PERFORM BACTERIOLOGICAL TESTING.
6. REMOVE EXISTING BLOW OFF (IF APPLICABLE) AND EXISTING PLUG, CONNECT NEW MAIN TO EXISTING VALVE.
7. CRACK OPEN EXISTING VALVE AFTER INITIAL DISINFECTION AND FLUSH THE NEW WATER MAIN (PBCWUD PRESENCE IS REQUIRED).
8. REMOVE BY–PASS PIPING, CAP CORPORATION STOPS WITH BRASS CAPS.
9. PRESSURE TESTING IS REQUIRED AFTER SUCCESSFUL COMPLETION OF BACTERIOLOGICAL TESTING AND HEALTH DEPARTMENT RELEASE FOR "CONSTRUCTION WATER"(IF APPLICABLE). PRESSURE TEST TO BE PERFORMED AFTER BACKFILL/ ROAD BASE AND ROAD/TRUCK BASE INSTALLATION/ COMPACTION.
10. AN ALTERNATIVE TIE–IN PROCEDURE (PRESSURE TESTING PRIOR TO BACTERIOLOGICAL TESTING) MAY BE CONSIDERED WITH PRIOR APPROVAL (SEE SEPARATE DETAIL).
11. RECORD DRAWINGS TO SHOW DATA FOR ALL TEST TAPS.
12. ALL BRASS SHALL BE "LEAD FREE".

STANDARD POTABLE WATER MAIN TIE–IN 33W

MIN. LENGTH OF PIPE (FEET) TO BE RESTRAINED

(SOURCES: EBAA IRON RESTRAINT LENGTH CALCULATION PROGRAM FOR PVC PIPE, RELEASE 3.1 AND DIPRA THRUST RESTRAINT FOR DUCTILE IRON PIPE, RELEASE 3.2)

FITTING TYPE		PIPE SIZE 4"	6"	8"	10"	12"	16"	20"	24"	30"	36"	200psi 42"	48"
90° HORIZ. BEND		14	20	25	30	35	45	54	62	98	112	131	135
45° HORIZ. BEND		6	8	11	13	15	19	22	26	41	46	51	56
22.5° HORIZ. BEND		3	4	5	6	7	9	11	12	19	22	25	27
11.25° HORIZ. BEND		1	2	3	3	4	4	5	6	10	11	12	13
90° VERT. OFFSET	UPPER BEND	29	41	53	64	74	95	115	134	214	246	276	304
	LOWER BEND	7	10	13	16	19	25	30	35	57	66	74	83
45° VERT. OFFSET	UPPER BEND	12	19	24	29	34	39	48	56	88	102	114	126
	LOWER BEND	3	4	6	7	8	10	12	15	23	27	31	34
22.5° VERT. OFFSET	UPPER BEND	6	9	12	14	17	19	23	27	43	49	55	60
	LOWER BEND	2	4	4	4	5	6	7	11	13	15	16	
11.25° VERT. OFFSET	UPPER BEND	3	4	6	7	8	9	11	13	21	24	27	30
	LOWER BEND	1	1	1	2	2	2	3	3	6	6	7	8
PLUG (DEAD END)		32	45	59	70	83	107	129	151	214	246	276	304
IN–LINE VALVE		32	45	45	45	55	65	80	110	125	140	155	
TEE (BRANCH RESTRAINT)	4"x #	23	–	–	–	–	–	–	–	–	–	–	–
	6"x #	21	35	–	–	–	–	–	–	–	–	–	–
	8"x #	18	34	49	–	–	–	–	–	–	–	–	–
	10"x #	16	32	46	58	–	–	–	–	–	–	–	–
	12"x #	13	30	44	57	69	–	–	–	–	–	–	–
	16"x #	7	26	41	53	67	90	–	–	–	–	–	–
	20"x #	1	21	38	51	65	88	109	–	–	–	–	–
	24"x #	1	16	34	49	62	86	108	129	–	–	–	–
	30"x #	1	8	28	44	58	83	106	127	208	–	–	–
	36"x #	1	1	22	39	53	80	103	124	206	240	–	–
	42"x #	1	1	15	33	48	77	100	122	205	239	270	–
	48"x #	1	1	7	27	44	73	97	120	203	238	269	298
REDUCER (LARGER PIPE RESTRAINT)	6"x #	23	–	–	–	–	–	–	–	–	–	–	–
	8"x #	38	25	–	–	–	–	–	–	–	–	–	–
	10"x #	57	43	28	–	–	–	–	–	–	–	–	–
	12"x #	72	60	44	41	–	–	–	–	–	–	–	–
	16"x #	99	90	78	75	45	–	–	–	–	–	–	–
	20"x #	123	118	107	105	81	45	–	–	–	–	–	–
	24"x #	146	140	132	131	111	82	45	–	–	–	–	–
	30"x #	209	204	197	188	177	153	116	75	–	–	–	–
	36"x #	247	236	233	226	217	196	168	135	74	–	–	–
	42"x #	283	270	265	259	252	234	211	183	133	72	–	–
	48"x #	301	298	294	289	283	268	249	226	183	131	71	–
200psi													

NOTES:

1. THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:
   SOIL TYPE–SAND — TEST PRESSURE–150 PSI/200 PSI — DEPTH OF BURY–3'
   TRENCH TYPE–3 — SAFETY FACTOR– 1.5 — VERTICAL OFFSET–3'
   MINIMUM PIPE LENGTH ALONG TEE RUN–5'
2. THE RESTRAINED PIPE LENGTHS APPLY TO DUCTILE IRON AND PVC PIPE.
3. ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
4. RESTRAINED PIPE LENGTHS APPLY TO PIPE ON BOTH SIDES OF VALVES AND FITTINGS.
5. MULTIPLY PIPE LENGTH BY 1.4 FOR POLYETHYLENE ENCASED PIPE.
6. RESTRAINED PIPE LENGTHS EQUAL TO AN "INLINE VALVE" CONDITION ARE REQUIRED AT EACH END OF A TRANSITION FROM HDPE PIPE TO OTHER PIPE MATERIALS.
7. DESIGN ENGINEER IS RESPONSIBLE TO PROPERLY SIZE THE RESTRAINT PIPE LENGTHS FOR THE PROJECT

MECHANICAL THRUST RESTRAINT MINIMUM PIPE LENGTHS 34W

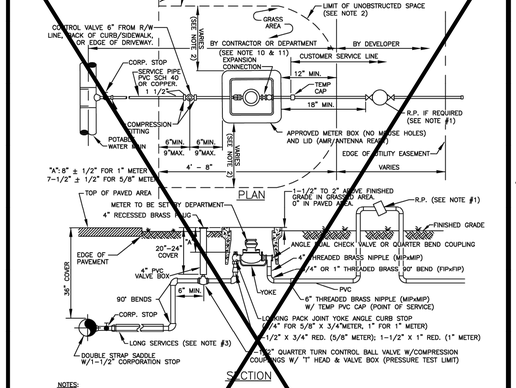
GENERAL NOTES

DEFINITIONS

1. DEPARTMENT – THE PALM BEACH COUNTY WATER UTILITIES DEPARTMENT.
2. CONTRACTOR – UTILITY CONTRACTOR AND ALL UTILITY SUBCONTRACTORS.
3. ENGINEER – ENGINEER RESPONSIBLE FOR INSPECTION AND CERTIFICATION.

PROCEDURE

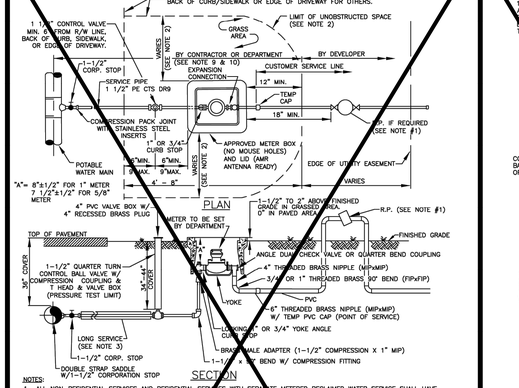
1. A PRE–CONSTRUCTION MEETING IS TO BE HELD PRIOR TO DELIVERY OF MATERIALS AND INITIATION OF ANY POTABLE WATER, RECLAIMED WATER AND/OR WASTEWATER SYSTEM CONSTRUCTION. THE MEETING SHALL BE ATTENDED BY THE DEPARTMENT, CONTRACTOR, ENGINEER AND OTHER INTERESTED PARTIES.
2. ANY REVISIONS TO THE APPROVED PLANS SHALL BE CALLED TO THE ATTENTION OF THE DEPARTMENT PRIOR TO THE PRE–CONSTRUCTION MEETING. REVISED PLANS MUST BE APPROVED PRIOR TO THE MEETING.
3. FIVE (5) COPIES OF THE CURRENT APPROVED MATERIAL LIST AND ALL NECESSARY SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO SCHEDULING OF THE PRE–CONSTRUCTION MEETING.
4. ALL APPLICABLE PERMITS MUST BE OBTAINED PRIOR TO PRECONSTRUCTION MEETING. (DOT, HEALTH DEPARTMENT, COUNTY ENGINEER, ETC.).
5. THE CONTRACTOR SHALL MAINTAIN A CURRENT APPROVED SET OF CONSTRUCTION PLANS ON JOB SITE.
6. ALL MATERIALS



NOTES:

1. ALL NON-RESIDENTIAL SERVICES AND RESIDENTIAL SERVICES WITH SEPARATE METERED RECLAIMED WATER SERVICE SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE INITIAL TEST OF THE R.P. SHALL BE PERFORMED BY THE DEPARTMENT. THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. THE R.P. DEVICE SHALL BE USC APPROVED PER FAC 62-555.360.*
2. METER BOX SHALL BE LOCATED 12" MINIMUM FROM EDGE OF SIDEWALK, BACK OF CURB, OR EDGE OF DRIVEWAY WITH SOD ONLY WITHIN 5' MINIMUM AND NO TREES WITHIN 10' MINIMUM. IF METER BOX IS 18" OR LESS FROM A DRIVEWAY, THE BOX AND LID MUST BE RATED TIER 15.*
3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE MIN. 3" DIAMETER BLACK IRON, PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND MIN. 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING SHALL BE COLOR-CODED BLACK, WHITE, BLUE, OR BLUE STRIPED.
4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART. TAPS SPACED BETWEEN 18" AND 48" SHALL BE OFFSET TO EACH SIDE OF THE MAIN. TAPS ON THE SAME SIDE OF A PVC PIPE SECTION SHALL BE MIN. 10' APART.
5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, ONLY WITH PRIOR DEPARTMENT APPROVAL.
6. MAXIMUM SERVICE LENGTH IS 100' TO METER.
7. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
8. METER/SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
   A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
   B. "MINIMUM UNOBSTRUCTED SPACE" AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION REQUIRED TO ALL OTHER UTILITIES.
   C. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY/DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.
9. SERVICE COMPONENTS SHALL BE CONSTRUCTED FOR THE METER TO BE INSTALLED "TRUE" AND "PLUMB" AND TO ALLOW METER READING THROUGH THE METER READER LID.
10. APPROVED COPPER SETTER ASSEMBLY REQUIRED. PVC SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 80 FITTINGS. ALL BRASS FITTINGS SHALL BE "LEAD FREE".
11. METER TO BE INSTALLED BY THE DEPARTMENT. THE PIPING BEYOND THE CONTROL VALVE SHALL BE INSTALLED BY THE DEVELOPER OR THE DEPARTMENT, DEPENDING ON THE TYPE OF SERVICE INSTALLATION REQUESTED.
12. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
13. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.
14. METER BOXES IN NON-GRASS AREAS SHALL HAVE TRAFFIC RATED LIDS.
15. A 12" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED. THE BASE SHALL EXTEND MINIMUM 12" BEYOND THE METER BOX PERIMETER.

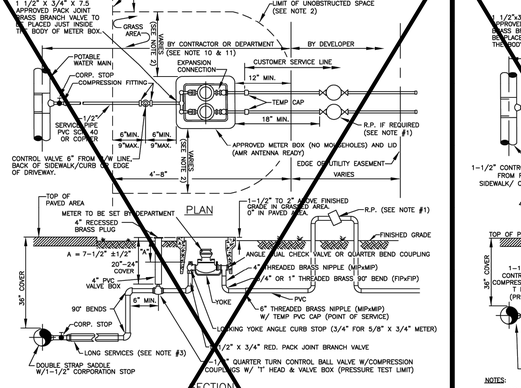
POTABLE WATER SERVICE SINGLE 5/8" X 3/4" & * 1" METER INSTALLATION DETAIL (PVC) 1W



NOTES:

1. ALL NON-RESIDENTIAL SERVICES AND RESIDENTIAL SERVICES WITH SEPARATE METERED RECLAIMED WATER SERVICE SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE INITIAL TEST OF THE R.P. SHALL BE PERFORMED BY THE DEPARTMENT. THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. THE R.P. DEVICE SHALL BE USC APPROVED PER FAC 62-555.360.*
2. METER BOX SHALL BE LOCATED 12" MINIMUM FROM EDGE OF SIDEWALK, BACK OF CURB, OR EDGE OF DRIVEWAY WITH SOD ONLY WITHIN 5' MINIMUM AND NO TREES WITHIN 10' MINIMUM. IF METER BOX IS 18" OR LESS FROM A DRIVEWAY, THE BOX AND LID MUST BE RATED TIER 15.*
3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE MIN. 3" DIAMETER BLACK IRON, PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND MIN. 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING SHALL BE COLOR-CODED BLACK, WHITE, BLUE, OR BLUE STRIPED.
4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART. TAPS SPACED BETWEEN 18" AND 48" SHALL BE OFFSET TO EACH SIDE OF THE MAIN. TAPS ON THE SAME SIDE OF A PVC PIPE SECTION SHALL BE MIN. 10' APART.
5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, ONLY WITH PRIOR DEPARTMENT APPROVAL.
6. MAXIMUM SERVICE LENGTH IS 100' TO METER.
7. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
8. METER/SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
   A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
   B. "MINIMUM UNOBSTRUCTED SPACE" AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION REQUIRED TO ALL OTHER UTILITIES.
   C. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY/DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.
9. METER TO BE INSTALLED BY THE DEPARTMENT. THE PIPING BEYOND THE CONTROL VALVE SHALL BE INSTALLED BY THE DEVELOPER OR THE DEPARTMENT DEPENDING ON THE TYPE OF SERVICE INSTALLATION REQUIRED.
10. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
11. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.
12. METER BOXES IN NON-GRASS AREAS SHALL HAVE TRAFFIC RATED LIDS.
13. A 12" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED FOR METER BOXES OUTSIDE OF GRASS AREA. THE BASE SHALL EXTEND MINIMUM 12" BEYOND THE METER BOX PERIMETER.
14. A 4" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED. THE BASE SHALL EXTEND MINIMUM 12" BEYOND THE METER BOX PERIMETER.
15. ALL SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 80 FITTINGS. ALL BRASS FITTINGS SHALL BE "LEAD FREE".

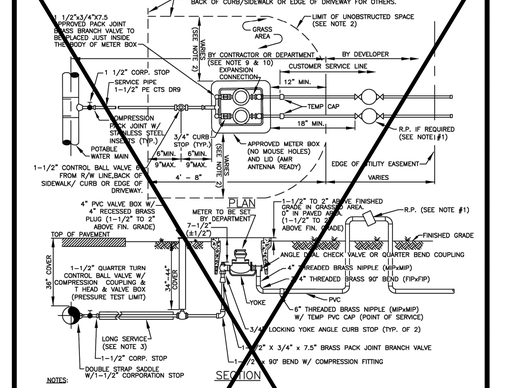
POTABLE WATER SERVICE SINGLE 5/8" X 3/4" & * 1" METER INSTALLATION DETAIL (POLYETHYLENE) 2W



NOTES:

1. ALL NON-RESIDENTIAL SERVICES AND RESIDENTIAL SERVICES WITH SEPARATE METERED RECLAIMED WATER SERVICE SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE INITIAL TEST OF THE R.P. SHALL BE PERFORMED BY THE DEPARTMENT. THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. THE R.P. DEVICE SHALL BE USC APPROVED PER FAC 62-555.360.*
2. METER BOX SHALL BE LOCATED 12" MINIMUM FROM EDGE OF SIDEWALK, BACK OF CURB, OR EDGE OF DRIVEWAY WITH SOD ONLY WITHIN 5' MINIMUM AND NO TREES WITHIN 10' MINIMUM. IF METER BOX IS 18" OR LESS FROM A DRIVEWAY, THE BOX AND LID MUST BE RATED TIER 15.*
3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE MIN. 3" DIAMETER BLACK IRON, PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND MIN. 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING SHALL BE COLOR-CODED BLACK, WHITE, BLUE, OR BLUE STRIPED.
4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART. TAPS SPACED BETWEEN 18" AND 48" SHALL BE OFFSET TO EACH SIDE OF THE MAIN. TAPS ON THE SAME SIDE OF A PVC PIPE SECTION SHALL BE MIN. 10' APART.
5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, ONLY WITH PRIOR DEPARTMENT APPROVAL.
6. MAXIMUM SERVICE LENGTH IS 100' TO METER.
7. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
8. METER/SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
   A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
   B. "MINIMUM UNOBSTRUCTED SPACE" AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION REQUIRED TO ALL OTHER UTILITIES.
   C. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY/DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.
9. METER TO BE INSTALLED BY THE DEPARTMENT. THE PIPING BEYOND THE CONTROL VALVE SHALL BE INSTALLED BY THE DEVELOPER OR THE DEPARTMENT DEPENDING ON THE TYPE OF SERVICE INSTALLATION REQUIRED.
10. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
11. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.
12. METER BOXES IN NON-GRASS AREAS SHALL HAVE TRAFFIC RATED LIDS.
13. A 12" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED FOR METER BOXES OUTSIDE OF GRASS AREA. THE BASE SHALL EXTEND MINIMUM 12" BEYOND THE METER BOX PERIMETER.
14. A 4" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED. THE BASE SHALL EXTEND MINIMUM 12" BEYOND THE METER BOX PERIMETER.
15. ALL SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 80 FITTINGS. ALL BRASS FITTINGS SHALL BE "LEAD FREE".

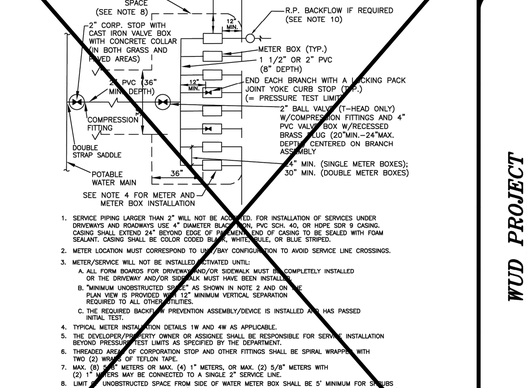
POTABLE WATER SERVICE DUAL 5/8" X 3/4" METER INSTALLATION DETAIL (PVC) * 3W



NOTES:

1. ALL NON-RESIDENTIAL SERVICES AND RESIDENTIAL SERVICES WITH SEPARATE METERED RECLAIMED WATER SERVICE SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE INITIAL TEST OF THE R.P. SHALL BE PERFORMED BY THE DEPARTMENT. THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. THE R.P. DEVICE SHALL BE USC APPROVED PER FAC 62-555.360.*
2. METER BOX SHALL BE LOCATED 12" MINIMUM FROM EDGE OF SIDEWALK, BACK OF CURB, OR EDGE OF DRIVEWAY WITH SOD ONLY WITHIN 5' MINIMUM AND NO TREES WITHIN 10' MINIMUM. IF METER BOX IS 18" OR LESS FROM A DRIVEWAY, THE BOX AND LID MUST BE RATED TIER 15.*
3. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE MIN. 3" DIAMETER BLACK IRON, PVC SCH 40 OR HDPE SDR 9 CASING. CASING SHALL EXTEND MIN. 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING SHALL BE COLOR-CODED BLACK, WHITE, BLUE, OR BLUE STRIPED.
4. SUCCESSIVE TAPS INTO THE WATER MAIN SHALL BE SPACED A MINIMUM OF 18" APART. TAPS SPACED BETWEEN 18" AND 48" SHALL BE OFFSET TO EACH SIDE OF THE MAIN. TAPS ON THE SAME SIDE OF A PVC PIPE SECTION SHALL BE MIN. 10' APART.
5. METER SHALL NOT BE PLACED IN SIDEWALK OR DRIVEWAY AREAS. WATER SERVICE LINES AND TAPS SHALL NOT BE PLACED UNDER DRIVEWAYS WHENEVER POSSIBLE AND IF REQUIRED, ONLY WITH PRIOR DEPARTMENT APPROVAL.
6. MAXIMUM SERVICE LENGTH IS 100' TO METER.
7. BEDDING (MIN. 4") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
8. METER/SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
   A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
   B. "MINIMUM UNOBSTRUCTED SPACE" AS SHOWN IN NOTE 2 AND ON THE PLAN VIEW IS PROVIDED WITH 12" MINIMUM VERTICAL SEPARATION REQUIRED TO ALL OTHER UTILITIES.
   C. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY/DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.
9. METER TO BE INSTALLED BY THE DEPARTMENT. THE PIPING BEYOND THE CONTROL VALVE SHALL BE INSTALLED BY THE DEVELOPER OR THE DEPARTMENT DEPENDING ON THE TYPE OF SERVICE INSTALLATION REQUIRED.
10. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR INSTALLATION OF SERVICES BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
11. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.
12. METER BOXES IN NON-GRASS AREAS SHALL HAVE TRAFFIC RATED LIDS.
13. A 12" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED FOR METER BOXES OUTSIDE OF GRASS AREA. THE BASE SHALL EXTEND MINIMUM 12" BEYOND THE METER BOX PERIMETER.
14. ALL SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 80 FITTINGS. ALL BRASS FITTINGS SHALL BE "LEAD FREE".

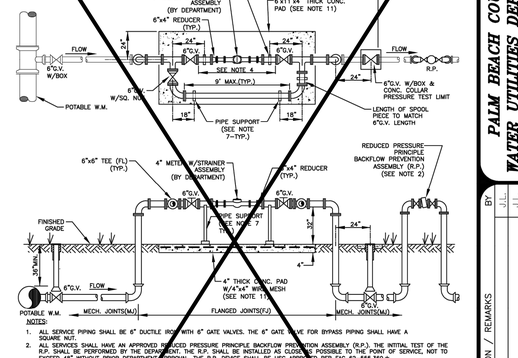
POTABLE WATER SERVICE DUAL 5/8" X 3/4" METER INSTALLATION DETAIL (POLYETHYLENE) * 4W



NOTES:

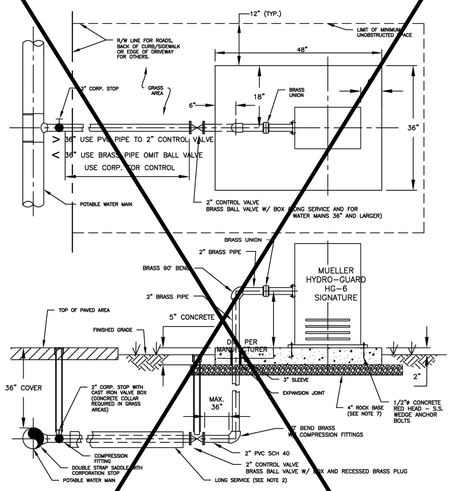
1. SERVICE PIPING LARGER THAN 2" WILL NOT BE ACCEPTED. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS USE 4" DIAMETER BLACK IRON, PVC SCH. 40, OR HDPE SDR 9 CASING. CASING SHALL EXTEND 24" BEYOND EDGE OF PAVEMENT. END OF CASING TO BE SEALED WITH FOAM SEALANT. CASING SHALL BE COLOR CODED BLACK, WHITE, BLUE, OR BLUE STRIPED.
2. METER LOCATION MUST CORRESPOND TO LOW/DAY CONFIGURATION TO AVOID SERVICE LINE CROSSINGS.
3. METER/SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
   A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
   B. "MINIMUM UNOBSTRUCTED SPACE" AS SHOWN IN NOTE 2 AND THE PLAN VIEW IS PROVIDED.
   C. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY/DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.
4. TYPICAL METER INSTALLATION DETAILS 1W AND 4W AS APPLICABLE.
5. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR SERVICE INSTALLATION BEYOND PRESSURE TEST LIMITS AS SPECIFIED BY THE DEPARTMENT.
6. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE.
7. "A" = 7-1/2" ± 1/2" FOR METERS OR MAX. (4) 1" METERS, OR MAX. (2) 5/8" METERS WITH (2) 1" METERS MAY BE CONNECTED TO A SINGLE 2" SERVICE LINE.
8. LIMIT OF UNOBSTRUCTED SPACE FROM SIDE OF WATER METER BOX SHALL BE 5' MINIMUM FOR SHRUBS AND SIMILAR OBSTRUCTIONS WITH 10' MINIMUM FOR TREES, WALLS, AND OTHER SIMILAR OBSTRUCTIONS.*
9. PVC PIPE SHALL BE SCHEDULE 40 PIPE WITH SCHEDULE 80 FITTINGS. ALL BRASS FITTINGS SHALL BE "LEAD FREE".
10. ALL NON-RESIDENTIAL SERVICES AND RESIDENTIAL SERVICES WITH SEPARATE METERED RECLAIMED WATER SERVICE SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE INITIAL TEST OF THE R.P. SHALL BE PERFORMED BY THE DEPARTMENT. THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE, NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. THE R.P. DEVICE SHALL BE USC APPROVED PER FAC 62-555.360.*

POTABLE WATER TYPICAL CONNECTION FOR MULTIPLE SERVICES * 5W



NOTES:

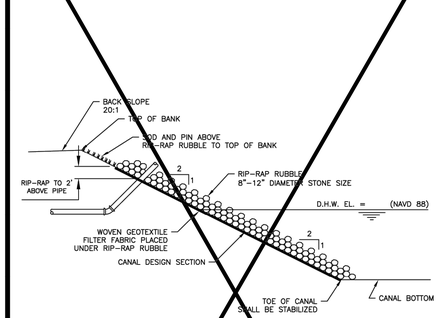
1. ALL SERVICE PIPING SHALL BE 6" DUCTILE IRON WITH 6" GATE VALVES. THE 6" GATE VALVE FOR BYPASS PIPING SHALL HAVE A SQUARE NUT.
2. ALL SERVICES SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE INITIAL TEST OF THE R.P. SHALL BE PERFORMED BY THE DEPARTMENT. THE R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE, NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. THE R.P. DEVICE SHALL BE USC APPROVED PER FAC 62-555.360.*
3. APPROVED RESTRAINED FLANGED ADAPTERS ARE REQUIRED.
4. THE ENTIRE METER ASSEMBLY INCLUDING BYPASS (EXCLUDING WATER METER) SHALL BE PRESSURE TESTED AS



NOTES:
1. 12" MINIMUM CLEARANCE TO BE MAINTAINED BETWEEN AUTOMATIC FLUSHING SYSTEM PAD AND ANY OBSTRUCTION.
2. FOR INSTALLATION OF SERVICES UNDER DRIVEWAYS AND ROADWAYS, USE MIN. 4" DIAMETER BLACK IRON, PVC SCH 40, OR HDPE SDR 9 CASING. CASING SHALL EXTEND MIN. 24" BEYOND EDGE OF PAVEMENT. CASING TO BE SEALED WITH CEMENT. CASING SHALL BE COLOR-CODED BLACK, WHITE, BLUE, OR BLUE STRIPED.
3. AUTOMATIC FLUSHING ASSEMBLY TO BE INSTALLED AS CLOSE AS POSSIBLE TO THE WATER MAIN.
4. BEDDING (MIN. 6") AND COVER (MIN. 4") OVER SERVICE LINE OR CASING SHALL CONSIST OF FINE GRANULAR MATERIAL. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED WITH 2" MAXIMUM SIZE.
5. ALL HARDWARE FOR FLANGED CONNECTIONS (BOLTS, ETC.) TO BE STAINLESS STEEL.
6. THREADED AREAS OF CORPORATION STOP AND OTHER FITTINGS SHALL BE SPIRAL WRAPPED WITH TWO (2) WRAPS OF TEFLON TAPE. ALL BRASS SHALL BE "LEAD FREE".
7. A 4" THICK COMPACTED 3/4" ROCK BASE IS REQUIRED. THE BASE SHALL EXTEND MINIMUM 12" BEYOND AUTOMATIC FLUSHING ASSEMBLY PAD PERIMETER.

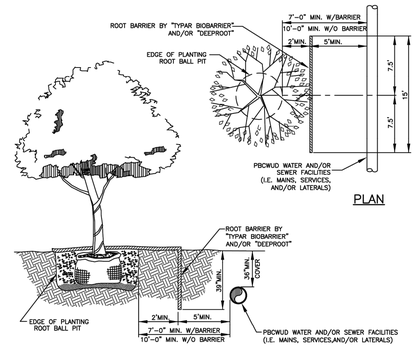
PRIOR DEPARTMENT APPROVAL REQUIRED BEFORE PROJECT BEING APPROVED FOR INSTALLATION.

AUTOMATIC FLUSHING ASSEMBLY (TYPE B) 44W



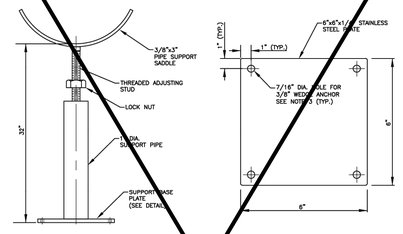
NOTES:
1. RIP-RAP RUBBLE AND ITS INSTALLATION MUST MEET CANAL OWNERSHIP SPECIFICATIONS AND PERMITTING REQUIREMENTS.
2. DUMP RUBBLE IN PLACE FORMING A COMPACT LAYER CONFORMING TO THE CANAL DESIGN SECTION SLOPE. ENSURE THAT RUBBLE DOES NOT SEGREGATE SO THAT SMALLER PIECES EVENLY FILL THE VOIDS BETWEEN LAGER PIECES.
3. AN ALTERNATIVE DESIGN WILL BE CONSIDERED AND MUST RECEIVE PRIOR APPROVAL FROM THE CANAL PROPERTY OWNER.

RIP-RAP RUBBLE DETAIL 45W



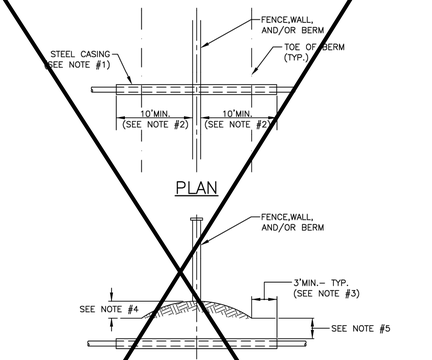
NOTES:
1. TREES SHOWN ON THIS PLAN ARE FOR GRAPHIC REPRESENTATION ONLY. TREE SPACING IS BASED ON DESIGN REQUIREMENTS AND THE TREES SHOWN ON THESE PLANS ATTEMPT TO ACCOMPLISH THAT SPACING WHILE MAINTAINING THE REQUIRED SETBACKS FROM UTILITIES. TREES MAY BE FIELD ADJUSTED TO AVOID CONFLICTS WITH DRIVEWAYS AND UNDERGROUND UTILITIES. IN ANY CASE THE TREES SHALL BE LOCATED IN THE FIELD IN ACCORDANCE WITH THE PLANTING DETAILS SHOWN HEREON.
2. TREES ARE TO BE INSTALLED WITH A TEN FOOT (10') SEPARATION FROM ANY WATER OR SEWER MAIN AND/OR SERVICE, HYDRANTS, AND LIFT STATIONS. IF A TEN FOOT (10') SEPARATION CANNOT BE ACHIEVED, THE TREE CAN BE INSTALLED WITH A ROOT BARRIER SYSTEM. HOWEVER, IN NO CASE SHALL A TREE ENCROACH INTO A PIPCUE WITHOUT PRIOR DEPARTMENT APPROVAL.
3. ONLY SOD CAN BE INSTALLED WITHIN 7.5' MINIMUM OF A FIRE HYDRANT UNLESS OTHERWISE APPROVED BY THE FIRE MARSHAL AND THE DEPARTMENT.
4. SOD ONLY SHALL BE INSTALLED WITHIN 5.0' MINIMUM OF ANY DEPARTMENT WATER METER.
5. WHEN INSTALLING A SOLID ROOT BARRIER PANEL SYSTEM THE PANEL RIBS MUST FACE THE TREE ROOT BALL.*

LANDSCAPE AND ROOT BARRIER DETAIL * 46W



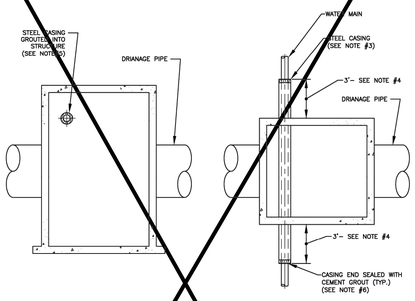
NOTES:
1. SHOP DRAWING FOR THE METER ASSEMBLY PIPE SUPPORT IS REQUIRED TO BE SUBMITTED FOR APPROVAL BY THE DEPARTMENT PRIOR TO THE PIPE SUPPORT BEING CONSTRUCTED AND/OR INSTALLED. ALL PIPE SUPPORTS FOR EACH METER ASSEMBLY INSTALLATION SHALL BE THE SAME.
2. ALL PIPE SUPPORT MATERIALS AND MOUNTING HARDWARE ARE REQUIRED TO BE 304 STAINLESS STEEL.
3. THE REQUIRED WEDGE ANCHORS FOR EACH SUPPORT SHALL BE 3/8" DIAMETER WITH NOMINAL EMBEDMENT OF 2-1/8". EACH ANCHOR SHALL HAVE A WASHER, LOCK WASHER, AND NUT.

ABOVE GROUND WATER METER INSTALLATION PIPE SUPPORT 47W



NOTES:
1. STEEL CASING PER WUD STANDARD DETAIL 22W (SOLID CASING) OR WUD STANDARD DETAIL 22AW (SPLIT CASING) AS APPLICABLE.
2. STEEL CASING SHALL EXTEND TEN (10) FEET MINIMUM PAST FENCE OR WALL. FIVE (5) FEET MINIMUM MAY BE ACCEPTABLE ON A CASE-BY-CASE BASIS DUE TO SITE CONDITIONS AND ONLY WITH PRIOR DEPARTMENT APPROVAL.
3. STEEL CASING SHALL EXTEND THREE (3) FEET MINIMUM PAST THE TOE OF THE BERM. IF BERM CASING IS ASSOCIATED WITH A WALL OR FENCE INSTALLATION OF THE CASING SHALL EXTEND THREE (3) FEET MINIMUM PAST THE TOE OF THE BERM OR TEN (10) FEET MINIMUM PAST THE WALL OR FENCE WHICH EVER IS GREATER.
4. STEEL CASING INSTALLATION REQUIRED WHEN A BERM IS TWO (2) FEET OR HIGHER ABOVE SURROUNDING GRADE.
5. TOP OF STEEL CASING SHALL BE THREE (3) FEET MINIMUM BELOW THE TOE OF THE BERM OR BASE OF WALL OR FENCE ELEVATION WHICHEVER IS LOWER.

POTABLE WATER MAIN CROSSING FENCE,WALL, OR BERM CASING DETAIL* * 48W



WUD MAIN SIZE	DIAMETER OF STEEL CASING SIZE	OPENING SIZE FOR SOLID CASING	OPENING SIZE FOR SPLIT CASING
6"	14"	16"	20"
8"	20"	24"	26"
10"	20"	24"	26"
12"	24"	28"	30"

NOTES:
1. THE CONFLICT STRUCTURE IS TO BE DESIGNED PER CURRENT FDOT UTILITY CONFLICT THRU DRAINAGE STRUCTURE STANDARDS.
2. A SHOP DRAWING AT SCALE FOR EACH CONFLICT STRUCTURE INSTALLATION IS REQUIRED TO BE APPROVED BY THE DEPARTMENT PRIOR TO INSTALLATION.
3. STEEL CASING PER WUD STANDARD DETAIL 22W (SOLID CASING) OR WUD STANDARD DETAIL 22AW (SPLIT CASING) FOR EXISTING WATER MAIN ONLY.
4. STEEL CASING SHALL EXTEND THREE (3) FEET PAST EACH SIDE OF STRUCTURE. CASING CAN EXTEND FURTHER PAST THE STRUCTURE WHEN EXISTING CONDITIONS WARRANT AND ONLY WITH PRIOR DEPARTMENT APPROVAL.
5. STEEL CASING SHALL BE GROUTED IN PLACE WITH NON-SHRINKABLE CEMENT GROUT TO PROVIDE A WATERTIGHT SEAL TO PREVENT ANY LEAKAGE INTO THE STRUCTURE.
6. NON-SHRINKABLE CEMENT GROUT TO BE INSTALLED AT EACH END OF CASING TO OBTAIN A WATERTIGHT SEAL.

POTABLE WATER MAIN CONFLICT STRUCTURE DETAIL* * 49W

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WUD PROJECT No.
00-000

WUD PROJECT NAME

PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT
P.O. BOX 16097
WEST PALM BEACH, FL 33416
(561)493-6000

NO.	DATE	REVISION / REMARKS	BY
	JUNE 2019	GENERAL REVISION	J.L.
*	JAN 2023	GENERAL REVISION	J.L.

STD DETAILS

SHEET NUMBER
C-607

SEAL

POTABLE WATER #6
STANDARD DETAILS

CONSULTANT:

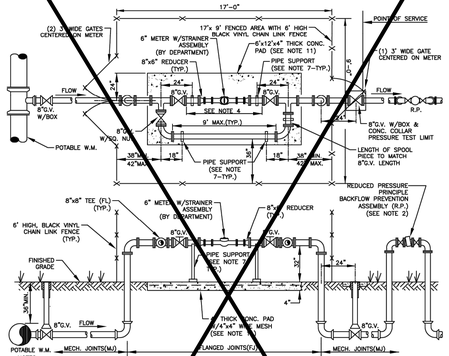
IT'S THE LAW ! CALL 48 HOURS BEFORE YOU DIG 1-800-432-4770 SUNSHINE STATE ONE CALL OF FLORIDA, INC. UTILITIES NOTIFICATION CENTER

DESIGNED BY: WUD
DRAWN BY: M. BUCKNER
CHECKED BY: J. LAMMERT
APPROVED BY: WUD

Palm Beach County
Water Utilities Department
P.O.Box 16097
West Palm Beach, FL 33416-6097

Mar 01, 2023

Drawing: W:_WUD 2023 STD DTL REVS\WUD 2023 STD DTL SHEETS\WUD 2023 STD DTLS - POTABLE WATER (6 SHTS).dwg\WUD PWS-6 - Last Modified: Wed, Mar 01, 2023 - 2:50pm

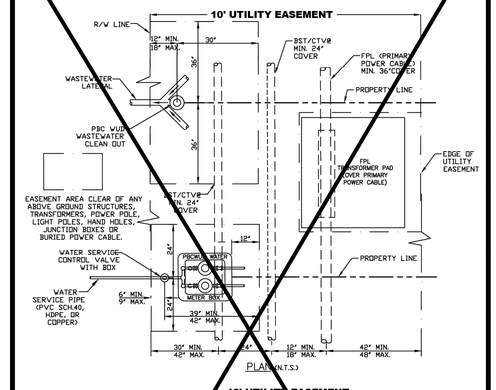


NOTES:

1. ALL SERVICE PIPING SHALL BE 8" DUCTILE IRON WITH 8" GATE VALVES. THE 8" GATE VALVE FOR BYPASS PIPING SHALL HAVE A SQUARE NUT.
2. ALL SERVICES SHALL HAVE AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY (R.P.). THE INITIAL TEST OF THE R.P. SHALL BE PERFORMED BY THE DEPARTMENT'S CERTIFIED R.P. SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO THE POINT OF SERVICE, NOT TO EXCEED 48" WITHOUT PRIOR DEPARTMENT APPROVAL. THE R.P. DEVICE SHALL BE USC APPROVED PER FAC 62-555.360.*
3. APPROVED RESTRAINED FLANGED ADAPTERS ARE REQUIRED.
4. THE ENTIRE METER ASSEMBLY INCLUDING BYPASS (EXCLUDING WATER METER) SHALL BE PRESSURE TESTED AS REQUIRED.
5. WATER METER SHALL BE INSTALLED BY THE DEPARTMENT. LYING LENGTH OF THE METER TO BE CONFIRMED PRIOR TO SERVICE INSTALLATION.
6. SERVICE COMPONENTS SHALL BE CONSTRUCTED FOR THE METER TO BE INSTALLED "TRUE" AND "PLUMB".
7. PIPE SUPPORTS SHALL BE CONSTRUCTED PER W/D STANDARD DETAIL 47W AND SHALL BE LOCATED PER THIS DETAIL.
8. METER/SERVICE WILL NOT BE INSTALLED/ACTIVATED UNTIL:
   A. ALL FORM BOARDS FOR DRIVEWAY AND/OR SIDEWALK MUST BE COMPLETELY INSTALLED OR THE DRIVEWAY AND/OR SIDEWALK MUST HAVE BEEN INSTALLED.
   B. MINIMUM UNOBSTRUCTED CLEAR AS SHOWN IN NOTE 12 AND ON THE PLAN VIEW IS PROVIDED.
   C. THE REQUIRED BACKFLOW PREVENTION ASSEMBLY/DEVICE IS INSTALLED AND HAS PASSED INITIAL TEST.
9. BYPASS PIPING SHALL BE INSTALLED ON THE RIGHT SIDE OF METER IN DIRECTION OF FLOW UNLESS OTHERWISE PREVIOUSLY APPROVED BY THE DEPARTMENT.
10. ALL HARDWARE FOR FLANGED CONNECTIONS SHALL BE STAINLESS STEEL 304 OR PRIOR APPROVED EQUAL BY THE DEPARTMENT.
11. CONCRETE PAD FOR WATER METER ASSEMBLY SHALL BE 4" THICK WITH 4"x4" WIRE MESH. CONCRETE PAD IS REQUIRED TO BE BROOM FINISHED AND INSTALLED PRIOR TO THE WATER METER ASSEMBLY.
12. LIMIT OF UNOBSTRUCTED SPACE FROM SIDE OF WATER METER ASSEMBLY CONCRETE PAD SHALL BE 36" MINIMUM FOR SHRUBS AND SIMILAR OBSTRUCTIONS WITH 60" MINIMUM FOR TREES, WALLS, AND OTHER SIMILAR OBSTRUCTIONS.

POTABLE WATER
6" METER INSTALLATION

10W

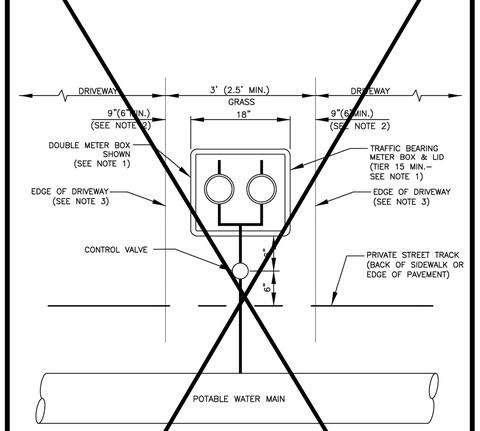


NOTES:

1. THE DETAIL WAS DEVELOPED IN COLLABORATION WITH UTILITY COMPANIES SUPPLYING VARIOUS UTILITY SERVICES TO P.B.C.W.U.D. CUSTOMERS.
2. THE DIMENSIONS SHOWN SHALL SERVE AS A GENERAL GUIDELINE TO INSTALL UTILITIES WITHIN A 10' WIDE UTILITY EASEMENT PARALLELING A RIGHT-OF-WAY.
3. THE PARTICIPATING UTILITIES PLEDGE TO OBSERVE, FOLLOW, AND ENFORCE THE INSTALLATION PARAMETERS SHOWN ON THIS DETAIL.

TYPICAL UTILITY INSTALLATION DETAIL IN A
10' UTILITY EASEMENT ADJACENT TO R/W

11WA

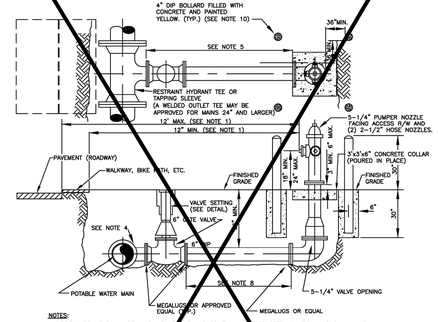


NOTES:

1. METER BOX AND LID MUST BE TIER 15 RATED MINIMUM AND APPLIES TO BOTH A SINGLE METER BOX OR A DOUBLE METER BOX.
2. WHEN INSTALLING A SINGLE METER BOX THE 9" DIMENSION APPLIES. THEN WHEN INSTALLING A DOUBLE METER BOX THE 6" MINIMUM DIMENSION WILL APPLY.
3. THE EDGE OF THE DRIVEWAY IS EITHER THE ASPHALT/CONCRETE PAVEMENT AREA AND/OR PAVER BRICK AREA WHICH MAY INCLUDE ANY CONCRETE EDGING.

WATER METER BOX
BETWEEN TOWNHOME DRIVEWAYS DETAIL

11WB

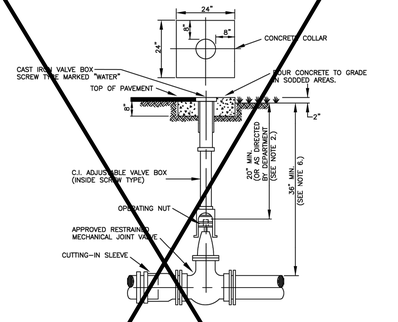


NOTES:

1. FIRE HYDRANT SHALL BE INSTALLED PLUMB AND TRUE IN UNOBSTRUCTED LOCATION AND SHALL NOT INTERFERE WITH PEDESTRIAN WALKWAYS, BIKE PATHS, AND SUCH OTHER SIMILAR PATHWAYS WITH THE EDGE OF THE PUMPER NOZZLE AND/OR HOSE NOZZLES BEING A MINIMUM OF 12" BEHIND SUCH PATHWAYS. A MINIMUM OF 7.5' CLEARANCE IS REQUIRED FROM EACH SIDE AND REAR OF THE HYDRANT. THE FRONT OF THE HYDRANT PUMPER NOZZLE SHALL BE LOCATED A MAXIMUM OF 12" FROM THE EDGE OF PAVEMENT UNLESS OTHERWISE PREVIOUSLY APPROVED BY THE FIRE MARSHAL OFFICE HAVING JURISDICTION.
2. THE SAME MODEL HYDRANT SHALL BE USED THROUGHOUT THE SAME PROJECT OR CONTRACT PHASE. HYDRANTS MUST BE ORDERED RED IN COLOR, WITH FINISHED EPOXY COAT APPLIED BY THE HYDRANT MANUFACTURER. HYDRANT SHALL BE FACTORY EQUIPPED WITH PLUGGED DRAIN HOLES.
3. VALVE SHALL BE PLACED ADJACENT TO MAIN AND RESTRAINED WITH MEGALUGS OR EQUAL.
4. ALL HYDRANTS SHALL BE TEE'D OF THE MAIN PREFERABLY BY A TEE OR TAPPING SLEEVE WITH PRIOR DEPARTMENT APPROVAL.
5. ALL D.I.P. MATERIALS SHALL BE USED BETWEEN TEE/TAPPING SLEEVE AND HYDRANT.
6. HYDRANTS SHALL NOT BE PLACED IN SIDEWALKS, ROADWAYS, OR BIKEPATHS.
7. FIRE HYDRANT SHALL BE LOCATED 5' MINIMUM FROM EDGE OF PAVEMENT WITH RAISED CURBING AND 6' MINIMUM WITHOUT RAISED CURBING.
8. ON RUNS LONGER THAN 60 FEET ANOTHER VALVE IS REQUIRED LESS THAN ONE PIPE JOINT FROM THE HYDRANT.
9. PAINT SAFETY RED, IF REQUIRED, WITH APPROVED PAINT.
10. BOLLARDS MAY BE REQUIRED FOR HYDRANTS WITH LESS THAN SIX (6) FEET TO EDGE OF PAVEMENT WITHOUT RAISED CURBING. NO BOLLARDS SHALL BE INSTALLED IN COUNTY AND/OR FDOT RIGHT-OF-WAY "CLEAR ZONE".
11. BANDED HYDRANT HARDWARE SHALL BE STAINLESS STEEL (TYPE 304L OR TYPE 304 NUTS/TYPE 304 NUTS).
12. LEAD CONNECTION (TEE, TAP) IS ALLOWED BETWEEN THE HYDRANT CONTROL VALVE AND THE FIRE HYDRANT.
13. APPROVED SECURITY CAPS WITH CHAINS ARE REQUIRED FOR ALL NOZZLES.

TYPICAL FIRE HYDRANT INSTALLATION WITH
BOLLARDS DETAIL

12W



NOTES:

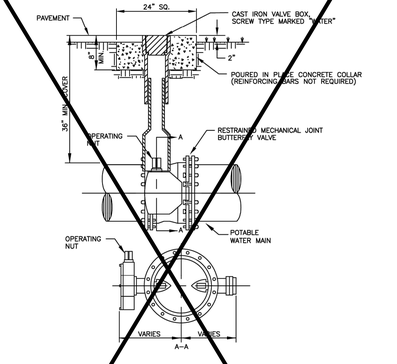
1. CONCRETE COLLAR IS NOT REQUIRED IN PAVED AREAS IF PAVEMENT SURFACE IS FINISHED PRIOR TO CONDITIONAL FINAL INSPECTION.
2. WHEN OPERATING NUT IS DEEPER THAN 36", A ONE PIECE EXTENSION WILL BE REQUIRED TO BRING OPERATING NUT 20"–30" BELOW FINISHED GRADE. EXTENSION BOLTS & NUTS ARE TO BE STAINLESS STEEL. A HIGH STRENGTH STEEL CENTERING PLATE, WELDED TO THE EXTENSION, IS ALSO REQUIRED.
3. VALVE BOXES SHALL HAVE COVERS MARKED "WATER".
4. VALVE BOX EXTENSION TO BE D.I.P. OR C–900 PVC OR 18 (BLUE)
5. A CUT–IN INSTALLATION SHALL REQUIRE MEGALUGS OR EQUAL THROUGHOUT ASSEMBLY.
6. IN ORDER TO MAINTAIN ADEQUATE COVER OVER VALVE NUT, THE FOLLOWING MINIMUM COVERS OVER PIPE ARE REQUIRED:

GATE VALVE SIZE	MIN. COVER OVER PIPE
16"	48"
20"	54"
24"	60"
30"	72"
36"	84"

7. VALVES IN ROADWAYS SHALL BE LOCATED OUTSIDE OF WHEEL PATHS WHENEVER POSSIBLE.

POTABLE WATER MAIN TYPICAL GATE VALVE
SETTING AND MAIN CUT–IN DETAIL

13W

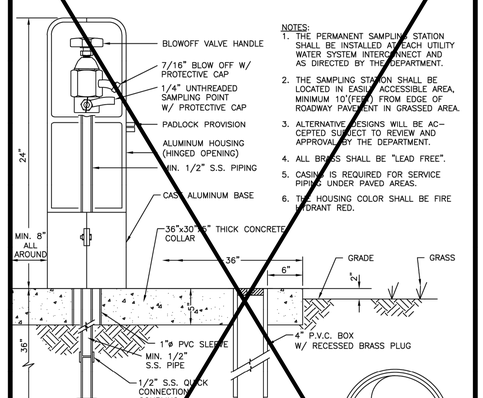


NOTES:

1. CONCRETE COLLAR IS NOT REQUIRED IN PAVED AREAS IF PAVEMENT SURFACE IS FINISHED PRIOR TO CONDITIONAL FINAL INSPECTION.
2. WHEN TOP OF OPERATING NUT IS DEEPER THAN 42" AN EXTENSION WILL BE REQUIRED TO BRING OPERATING NUT 24"–30" BELOW FINISHED GRADE. EXTENSION BOLTS & NUTS ARE TO BE STAINLESS STEEL. A HIGH STRENGTH STEEL CENTERING PLATE, WELDED TO THE EXTENSION, IS ALSO REQUIRED.
3. VALVE BOXES SHALL HAVE COVERS MARKED "WATER".
4. A CUT–IN INSTALLATION SHALL REQUIRE MEGALUGS OR EQUAL THROUGHOUT ASSEMBLY.
5. EXTENSION VALVE BOX TO BE D.I.P. OR C–900 PVC DR 18 (COLOR: BLUE)
6. VALVES IN ROADWAYS SHALL BE LOCATED OUTSIDE OF WHEEL PATHS WHENEVER POSSIBLE.

POTABLE WATER MAIN
TYPICAL BUTTERFLY VALVE SETTING

14W

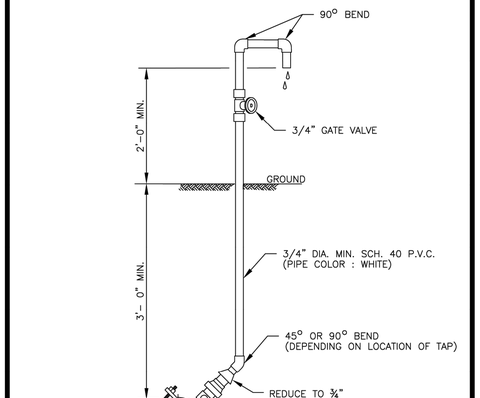


NOTES:

1. THE PERMANENT SAMPLING STATION SHALL BE INSTALLED AT EACH UTILITY WATER SYSTEM INTERCONNECT AND AS DIRECTED BY THE DEPARTMENT.
2. THE SAMPLING STATION SHALL BE LOCATED IN EASILY ACCESSIBLE AREA, MINIMUM 10'(FEET) FROM EDGE OF ROADWAY PAVEMENT IN GRASSED AREA.
3. ALTERNATIVE DESIGNS WILL BE AC–CEPTED SUBJECT TO REVIEW AND APPROVAL BY THE DEPARTMENT.
4. ALL BRASS SHALL BE "LEAD FREE".
5. CASING IS REQUIRED FOR SERVICE PIPING UNDER PAVED AREAS.
6. THE HOUSING COLOR SHALL BE FIRE HYDRANT RED.

PERMANENT SAMPLING POINT

15W

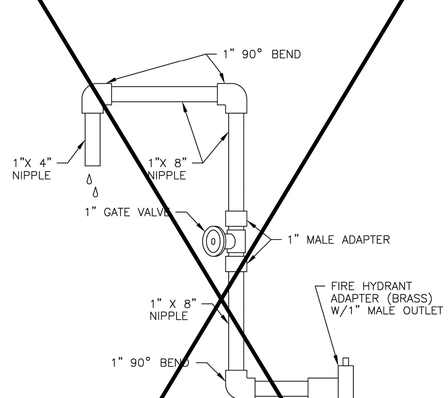


NOTE:

1. SAMPLE POINT SHOULD BE A SERVICE LINE OR FIRE HYDRANT IF POSSIBLE.
2. THREADED AREAS OF CORPORATION STOP SHALL BE SPIRAL WRAPPED WITH TWO WRAPS OF TEFLON TAPE.
3. CLOSE AND CAP CORPORATION STOP AFTER SAMPLING COMPLETION.

POTABLE WATER MAIN TEMPORARY SAMPLING POINT

16W



NOTES:

1. USE HYDRANT WRENCH ONLY.
2. ALL PIPES AND FITTINGS SCH. 40 P.V.C. (PIPE COLOR : WHITE).

POTABLE WATER MAIN FIRE HYDRANT SAMPLING POINT

17W

THIS SPACE INTENTIONALLY LEFT BLANK

POTABLE WATER #2
STANDARD DETAILS

CONSULTANT:

IT'S THE LAW ! CALL 48 HOURS BEFORE YOU DIG 1-800-432-4770 SUNSHINE STATE ONE CALL OF FLORIDA, INC. UTILITIES NOTIFICATION CENTER

DESIGNED BY:	WUD	
DRAWN BY:	M. BUCKNER	Palm Beach County
CHECKED BY:	J. LAMMERT	Water Utilities Department
APPROVED BY:	WUD	P.O.Box 16097
		West Palm Beach, FL 33416–6097

Mar 01, 2023

WUD PROJECT No.
00–000

WUD PROJECT NAME

PALM BEACH COUNTY FLORIDA

PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT
P.O. BOX 16097
WEST PALM BEACH, FL 33416
(561)493–6000

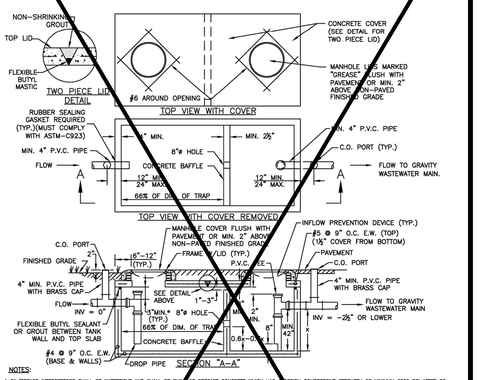
NO.	DATE	REVISION / REMARKS	BY
*	JUNE 2019	GENERAL REVISION	J.L.
	JAN 2023	GENERAL REVISION	J.L.

STD DETAILS

SHEET NUMBER
C-608

SEAL

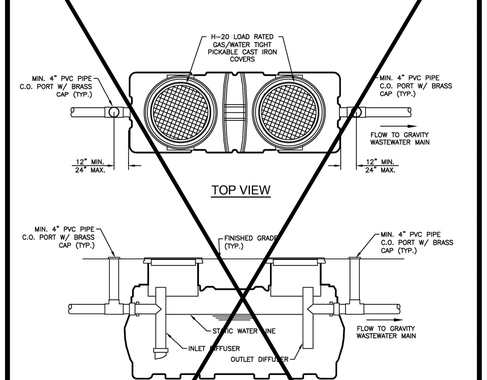
Drawing: W:_WUD 2023 STD DTL REVS\WUD 2023 STD DTL SHEETS\WUD 2023 STD DTLS - POTABLE WATER (6 SHTS).dwg\WUD PWS-2 - Last Modified: Wed, Mar 01, 2023 - 3:13pm



NOTES:

1. OIL/GREASE INTERCEPTORS SHALL BE WATERTIGHT AND SHALL BE BUILT OF PRECAST CONCRETE WHICH HAS A DESIGN COMPRESSIVE STRENGTH OF MINIMUM 3000 PSI AFTER 28 DAYS CURE. THE DESIGN, SIZING AND CONSTRUCTION MUST CONFORM TO THIS STANDARD AND TO ALL APPLICABLE BUILDING CODES, HEALTH DEPARTMENT REQUIREMENTS AND REGULATIONS, INCLUDING, BUT NOT LIMITED TO CHAPTER 64E-6, FLORIDA ADMINISTRATIVE CODE. WALL AND SLAB THICKNESS SHOWN ARE MINIMUMS, AND SHALL BE DETERMINED BY THE OWNER'S ENGINEER. THE CONCRETE BOX SHALL BE MONOLITHIC POURED AND SHALL HAVE A PRECAST HOLE FOR EACH END ONLY FOR LATERAL. THE PRECAST HOLES SHALL HAVE CAST-IN BOOTS WHENEVER POSSIBLE. AN ALTERNATIVE TYPE OF INTERCEPTOR OTHER THAN A PRECAST CONCRETE STRUCTURE MAY BE INSTALLED ONLY WITH PRIOR DEPARTMENT APPROVAL. SHOP DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE DEPARTMENT PRIOR TO THE PRE-CONSTRUCTION MEETING FOR ALL INTERCEPTORS.
2. THE OIL/GREASE INTERCEPTOR SHALL BE USED FOR APPLICATIONS EXCEEDING 25 GPM FLOW RATE, DETERMINED USING THE PLUMBING AND DRAINAGE INSTITUTE PDI G 101 STANDARD. A DESIGN CALCULATION MUST BE SUBMITTED FOR APPROVAL WITH A SHOP DRAWING PRIOR TO THE PRE-CONSTRUCTION MEETING. FOR APPLICATIONS UP TO 25 GPM (ONE MINUTE FLOW) OR 50 GPM (TWO MINUTE FLOW), AN APPROVED OUTDOOR "GREASE TRAP" MAY BE USED. OTHER DESIGNS MAY BE CONSIDERED UPON SUBMITTAL AND APPROVAL FLOW OF 50 GPM (TWO MINUTE FLOW).
3. INSPECTION PORTS (CLEAN OUTS) ARE REQUIRED TO BE INSTALLED AT EACH END OF ANY TYPE OF INTERCEPTOR WITH PORTS TO REMAIN EASILY ACCESSIBLE FOR UTILITY INSPECTION AND SAMPLING.
4. THE INTERCEPTOR AND CLEAN-OUTS PORT SHALL BE LOCATED OUTSIDE AND IN A NON-TRAFFIC AREA WHENEVER POSSIBLE. IF INSTALLED IN A TRAFFIC AREA, MINI-MANHOLES ARE REQUIRED TO BE INSTALLED ON ALL PORTS (CLEANOUTS). THE SURFACE SURROUNDING THE INTERCEPTOR SHALL BE SLOPED TO DRAIN STORM WATER AWAY FROM THE INTERCEPTOR.
5. CAPACITY DETERMINATION FOR THE INTERCEPTOR IS THE RESPONSIBILITY OF THE OWNER/CUSTOMER. THE MINIMUM VOLUME OF ANY GREASE INTERCEPTOR SHALL BE 750 GALLONS AND THE MAXIMUM VOLUME OF A SINGLE GREASE INTERCEPTOR SHALL BE 1250 GALLONS. WHEN THE REQUIRED EFFECTIVE CAPACITY OF THE GREASE INTERCEPTOR IS GREATER THAN 1250 GALLONS, INSTALLATION OF MULTIPLE GREASE INTERCEPTORS IN SERIES IS REQUIRED.
6. NO BAFFLE IS REQUIRED IF THERE ARE MULTIPLE GREASE INTERCEPTORS INSTALLED IN SERIES. HOWEVER, CLEANOUT PORTS MUST BE INSTALLED ON EACH END OF EACH INTERCEPTOR.
7. THE PROPERTY OWNER/CUSTOMER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE INTERCEPTOR.
8. THE GREASE INTERCEPTOR SHALL NOT BE USED FOR THE PURPOSE OF INTERCEPTING SAND AND OIL FROM NON- FOOD HANDLING ESTABLISHMENTS.
9. EACH FACILITY WITH AN OIL/GREASE INTERCEPTOR SHALL HAVE A SEPARATE (NOT SHARED) INTERCEPTOR AND SHALL BE INDIVIDUALLY METERED THROUGH THE DEPARTMENT.
10. A "GREASE TRAP" OR "OIL/GREASE INTERCEPTOR" SHALL BE REQUIRED TO RECEIVE THE DRAINAGE FROM FIXTURES AND EQUIPMENT (SINKS, DISHWASHERS, FLOOR DRAINS, CAN WASH AREAS, ETC.) WITH GREASE LADEN WASTE LOCATED IN COMMERCIAL FOOD PREPARATION AREAS SUCH AS RESTAURANTS, HOTEL KITCHENS, HOSPITALS, SCHOOL KITCHENS, BARS, FACTORY CAFETERIAS, CLUBS, ETC.
11. THE "GREASE TRAP" OR "OIL/GREASE INTERCEPTOR" SHALL BE LOCATED AS CLOSE AS PRACTICALLY POSSIBLE TO THE FIXTURES AND EQUIPMENT GENERATING GREASE.
12. A "SOLIDS INTERCEPTOR" SHALL BE CONSIDERED TO BE INSTALLED UPSTREAM OF A " GREASE TRAP" WHERE SUBSTANTIAL AMOUNT OF SOLIDS FROM FOOD GRINDERS, DISPOSALS MAY BE PRESENT.
13. WATERLOK COVER SHALL BE MACHINED TO ACCEPT INFLOW PROTECTOR.
14. SEE WUD STANDARD DETAIL 1SB FOR FIBERGLASS TYPE OIL/GREASE INTERCEPTOR INSTALLATIONS.*

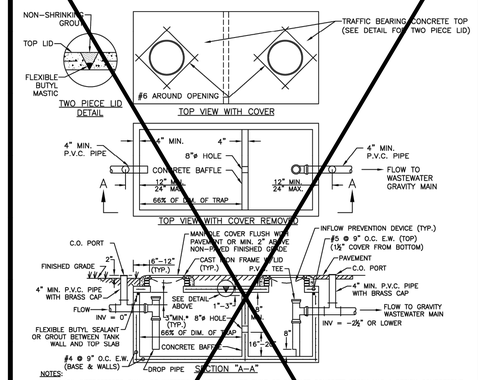
OIL/ GREASE INTERCEPTOR CONCRETE STRUCTURE * 1SA



NOTES:

1. INSPECTION PORTS (CLEANOUTS) ARE REQUIRED TO BE INSTALLED AT EACH END OF ANY TYPE OF INTERCEPTOR WITH PORTS TO REMAIN ACCESSIBLE TO FOR UTILITY INSPECTION AND SAMPLING.
2. THE INTERCEPTOR PORTS (CLEANOUTS) SHALL BE LOCATED OUTSIDE AND IN A NON-TRAFFIC AREA WHEREVER POSSIBLE. IF INSTALLED IN A TRAFFIC AREA, MINI-MANHOLES ARE REQUIRED TO BE INSTALLED ON ALL PORTS (CLEANOUTS). THE SURFACE SURROUNDING THE INTERCEPTOR SHALL BE SLOPED TO DRAIN STORM WATER AWAY FROM THE INTERCEPTOR.
3. IF AN INTERCEPTOR NEEDS TO BE INSTALLED IN DOORS DUE TO EXISTING SITE CONDITIONS, PRIOR DEPARTMENT APPROVAL IS REQUIRED WITH IN DOOR INSTALLATIONS APPROVED ON A CASE BY CASE BASIS.
4. THE PROPERTY OWNER/CUSTOMER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE INTERCEPTOR.
5. EACH FACILITY WITH AN OIL/GREASE INTERCEPTOR SHALL HAVE A DEDICATED (NOT SHARED) INTERCEPTOR WITH THEIR POTABLE WATER SERVICE INDIVIDUALLY METERED THROUGH THE DEPARTMENT.
6. SEE WUD STANDARD DETAIL 1SA FOR CONCRETE STRUCTURE TYPE OIL/GREASE INTERCEPTOR INSTALLATIONS.

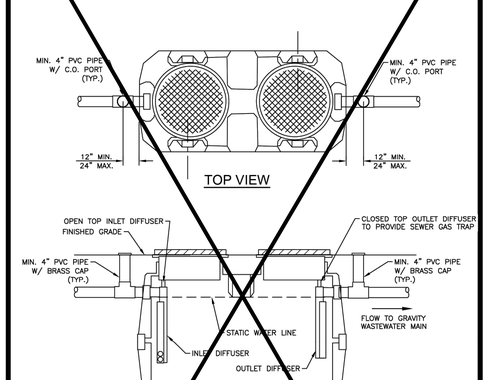
OIL/ GREASE INTERCEPTOR FIBERGLASS STRUCTURE ONLY * 1SB



NOTES:

1) SAND/OIL INTERCEPTORS SHALL BE WATERTIGHT AND SHALL BE BUILT OF PRECAST CONCRETE WHICH HAS A DESIGN COMPRESSIVE STRENGTH OF MINIMUM 3000 PSI AFTER 28 DAYS CURE. THE DESIGN, SIZING AND CONSTRUCTION MUST CONFORM TO THIS STANDARD AND TO ALL APPLICABLE BUILDING CODES, HEALTH DEPARTMENT REQUIREMENTS AND REGULATIONS, INCLUDING, BUT NOT LIMITED TO CHAPTER 64E-6, FLORIDA ADMINISTRATIVE CODE. WALL AND SLAB THICKNESS SHOWN ARE MINIMUMS, AND SHALL BE DETERMINED BY THE OWNER'S ENGINEER. THE CONCRETE BOX SHALL BE MONOLITHIC POURED AND SHALL HAVE A PRECAST HOLE WHENEVER POSSIBLE.
2) AN ALTERNATIVE TYPE OF INTERCEPTOR STRUCTURE MAY BE INSTALLED ONLY WITH PRIOR DEPARTMENT APPROVAL. SHOP DRAWINGS ARE REQUIRED TO BE SUBMITTED AND APPROVED BY THE DEPARTMENT PRIOR TO THE PRE-CONSTRUCTION MEETING FOR ALL INTERCEPTORS.
3) INSPECTION PORTS (CLEAN OUTS) ARE REQUIRED TO BE INSTALLED AT EACH END OF ANY TYPE OF INTERCEPTOR WITH PORTS TO REMAIN EASILY ACCESSIBLE FOR UTILITY INSPECTION AND SAMPLING.
4) THE INTERCEPTOR SHALL BE LOCATED IN GRASS AREA/NON-TRAFFIC AREA WHENEVER POSSIBLE. THE SURFACE SURROUNDING THE INTERCEPTORS SHALL BE SLOPED TO DRAIN STORM WATER AWAY FROM THE INTERCEPTOR.
5) THE CAPACITY DETERMINATION FOR THE INTERCEPTOR IS THE RESPONSIBILITY OF THE OWNER/CUSTOMER. THE MINIMUM VOLUME OF A SAND/OIL INTERCEPTOR SHALL BE 750 GALLONS. WHEN THE REQUIRED EFFECTIVE CAPACITY OF THE SAND/OIL INTERCEPTOR IS GREATER THAN 750 GALLONS, INSTALLATION OF SINGLE COMPARTMENT SAND/OIL INTERCEPTORS IN SERIES IS REQUIRED.
6) THE PROPERTY OWNER/CUSTOMER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE INTERCEPTOR.
7) SAND/OIL INTERCEPTOR SHALL NOT BE USED FOR THE PURPOSE OF INTERCEPTION OF GREASE FROM FOOD HANDLING ESTABLISHMENTS.
8) EACH FACILITY REQUIRED TO HAVE A SAND/OIL INTERCEPTOR SHALL HAVE A SEPERATE INTERCEPTOR AND SHALL BE INDIVIDUALLY METERED THROUGH THE DEPARTMENT.
9) MANHOLE LIDS SHALL BE MACHINED TO ACCEPT INFLOW PREVENTER.
10) SEE WUD STANDARD DETAIL 2SB FOR FIBERGLASS TYPE SAND/OIL INTERCEPTOR INSTALLATIONS.*

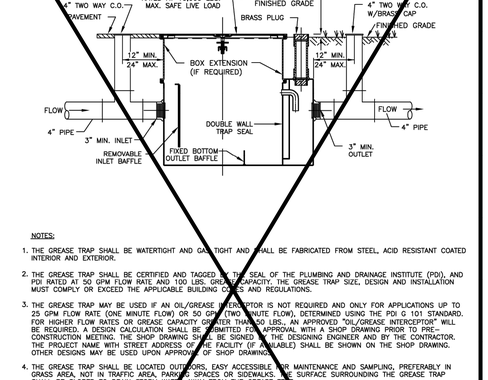
SAND/ OIL INTERCEPTOR CONCRETE STRUCTURE * 2SA



NOTES:

1. INSPECTION PORTS (CLEANOUTS) ARE REQUIRED TO BE INSTALLED AT EACH END OF ANY TYPE OF INTERCEPTOR WITH PORTS TO REMAIN ACCESSIBLE TO FOR UTILITY INSPECTION AND SAMPLING.
2. THE INTERCEPTOR PORTS (CLEANOUTS) SHALL BE LOCATED OUTSIDE AND IN A NON-TRAFFIC AREA WHEREVER POSSIBLE. IF INSTALLED IN A TRAFFIC AREA, MINI-MANHOLES ARE REQUIRED TO BE INSTALLED ON ALL PORTS (CLEANOUTS). THE SURFACE SURROUNDING THE INTERCEPTOR SHALL BE SLOPED TO DRAIN STORM WATER AWAY FROM THE INTERCEPTOR.
3. IF AN INTERCEPTOR NEEDS TO BE INSTALLED IN DOORS DUE TO EXISTING SITE CONDITIONS, PRIOR DEPARTMENT APPROVAL IS REQUIRED WITH IN DOOR INSTALLATIONS APPROVED ON A CASE BY CASE BASIS.
4. THE PROPERTY OWNER/CUSTOMER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE INTERCEPTOR.
5. EACH FACILITY WITH AN SAND/OIL INTERCEPTOR SHALL HAVE A DEDICATED (NOT SHARED) INTERCEPTOR WITH THEIR POTABLE WATER SERVICE INDIVIDUALLY METERED THROUGH THE DEPARTMENT.
6. SEE WUD STANDARD DETAIL 2SA FOR CONCRETE STRUCTURE TYPE SAND/OIL INTERCEPTOR INSTALLATIONS.

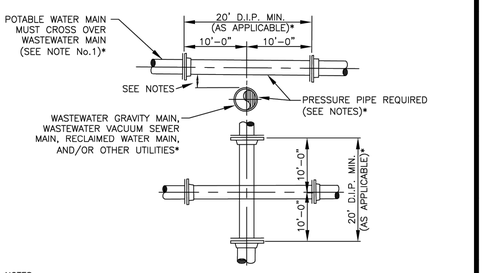
SAND/ OIL INTERCEPTOR POLYETHEYLENE/FIBERGLASS STRUCTURE ONLY * 2SB



NOTES:

1. THE GREASE TRAP SHALL BE WATERTIGHT AND GAS TIGHT AND SHALL BE FABRICATED FROM STEEL, ACID RESISTANT COATED INTERIOR AND EXTERIOR.
2. THE GREASE TRAP SHALL BE CERTIFIED AND TAGGED BY THE SEAL OF THE PLUMBING AND DRAINAGE INSTITUTE (PDI), AND PDI RATED AT 50 GPM FLOW RATE AND 100 LBS. GREASE CAPACITY. THE GREASE TRAP SIZE, DESIGN AND INSTALLATION MUST COMPLY OR EXCEED THE APPLICABLE BUILDING CODES AND REGULATIONS.
3. THE GREASE TRAP MAY BE USED IF AN OIL/GREASE INTERCEPTOR IS NOT REQUIRED AND ONLY FOR APPLICATIONS UP TO 25 GPM FLOW RATE (ONE MINUTE FLOW) OR 50 GPM (TWO MINUTE FLOW), DETERMINED USING THE PDI G 101 STANDARD. FOR HIGHER FLOW RATES OR GREASE CAPACITY GREATER THAN 50 LBS., AN APPROVED "OIL/GREASE INTERCEPTOR" WILL BE REQUIRED. A DESIGN CALCULATION SHALL BE SUBMITTED FOR APPROVAL WITH A SHOP DRAWING PRIOR TO PRE-CONSTRUCTION MEETING. THE SHOP DRAWING SHALL BE SIGNED BY THE DESIGNING ENGINEER AND BY THE CONTRACTOR. THE PROJECT NAME WITH STREET ADDRESS OF THE FACILITY (IF AVAILABLE) SHALL BE SHOWN ON THE SHOP DRAWING. OTHER DESIGNS MAY BE USED UPON APPROVAL OF SHOP DRAWINGS.
4. THE GREASE TRAP SHALL BE LOCATED OUTDOORS, EASY ACCESSIBLE FOR MAINTENANCE AND SAMPLING, PREFERABLY IN GRASS AREA, NOT IN TRAFFIC AREA, PARKING SPACES OR SIDEWALKS. THE SURFACE SURROUNDING THE GREASE TRAP SHALL BE SLOPED TO DRAIN STORM WATER AWAY FROM THE GREASE TRAP.
5. THE GREASE TRAP SHALL NOT BE USED FOR THE PURPOSE OF INTERCEPTING SAND AND OIL FROM NON-FOOD HANDLING ESTABLISHMENTS.
6. THE PROPERTY OWNER/CUSTOMER SHALL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE GREASE TRAP.
7. EACH FACILITY WITH A GREASE TRAP SHALL BE INDIVIDUALLY METERED THROUGH THE DEPARTMENT.
8. EACH FACILITY WHICH IS REQUIRED TO INSTALL A GREASE TRAP SHALL HAVE A SEPERATE (NOT SHARED) GREASE TRAP.
9. INSPECTION PORTS (CLEAN OUTS) ARE REQUIRED TO BE INSTALLED AT EACH END OF ANY TYPE OF INTERCEPTOR WITH PORTS TO REMAIN EASILY ACCESSIBLE FOR UTILITY INSPECTION AND SAMPLING.
10. A "GREASE TRAP" OR "OIL/GREASE INTERCEPTOR" SHALL BE REQUIRED TO RECEIVE THE DRAINAGE FROM FIXTURES AND EQUIPMENT (SINKS, DISHWASHERS, FLOOR DRAINS, CAN WASH AREAS, ETC.) WITH GREASE LADEN WASTE LOCATED IN COMMERCIAL FOOD PREPARATION AREAS SUCH AS RESTAURANTS, HOTEL KITCHENS, HOSPITALS, SCHOOL KITCHENS, BARS, FACTORY CAFETERIAS, CLUBS, ETC.
11. THE "GREASE TRAP" OR "OIL/GREASE INTERCEPTOR" SHALL BE LOCATED AS CLOSE PRACTICALLY POSSIBLE TO THE FIXTURES AND EQUIPMENT GENERATING GREASE.
12. GREASE TRAPS SHALL BE EQUIPPED WITH DEVICES TO CONTROL THE RATE OF FLOW, SO THE RATE OF THE FLOW DO NOT EXCEED 25 GPM. THE FLOW CONTROL DEVICE SHALL BE INSTALLED IN ACCORDANCE WITH THE CODE AND MANUFACTURER'S INSTRUCTIONS.
13. A "SOLIDS INTERCEPTOR" SHALL BE CONSIDERED TO BE INSTALLED UPSTREAM OF A " GREASE TRAP" WHERE SUBSTANTIAL AMOUNT OF SOLIDS FROM FOOD GRINDERS, DISPOSALS MAY BE PRESENT.

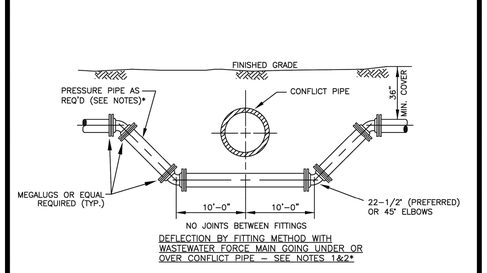
GREASE TRAP 3S



NOTES:

1. WHEN A WASTEWATER FORCE MAIN CROSSES OVER AND/OR UNDER A STORM SEWER, GRAVITY WASTEWATER, VACUUM GRAVITY WASTEWATER, AND/OR RECLAIMED WATER MAIN THE WASTEWATER FORCE MAIN SHALL BE LAID TO PROVIDE A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHEN THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT SECTION OF WASTEWATER DUCTILE IRON PIPE MAIN IS CENTERED ON THE CROSSING WITH THE OTHER PIPE HAVING A TWENTY (20) FOOT SECTION CENTERED ON THE CROSSING AND WITH PRIOR DEPARTMENT APPROVAL. A WASTEWATER FORCE MAIN MUST CROSS UNDER ANY POTABLE WATER MAIN WITH A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION REQUIRED. WHEN THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT SECTION OF POTABLE WATER DUCTILE IRON PIPE MAIN IS CENTERED ON THE CROSSING WITH THE WASTEWATER FORCE MAIN HAVING A TWENTY (20) FOOT SECTION CENTERED ON THE CROSSING AND ONLY WITH PRIOR DEPARTMENT APPROVAL. A WASTEWATER FORCE MAIN MAY CROSS OVER A POTABLE WATER MAIN ON A CASE BY CASE BASIS PROVIDED A MINIMUM OF TWELVE (12) INCH VERTICAL SEPARATION IS OBTAINED BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE AND ONLY WITH PRIOR DEPARTMENT APPROVAL.*
2. TEN (10) FOOT MINIMUM HORIZONTAL SEPARATION (OUTSIDE WALL TO OUTSIDE WALL) IS REQUIRED BETWEEN A WASTEWATER MAIN AND POTABLE WATER MAIN, A STORM SEWER, AND/OR RECLAIMED WATER MAIN. A SIX (6) FOOT MINIMUM HORIZONTAL SEPARATION (OUTSIDE WALL TO OUTSIDE WALL) IS ACCEPTABLE WITH PRIOR DEPARTMENT APPROVAL BEFORE THE INSTALLATION OF THE WASTEWATER MAIN. A THREE (3) FOOT MINIMUM HORIZONTAL SEPARATION (OUTSIDE WALL TO OUTSIDE WALL) BETWEEN A WASTEWATER MAIN AND A RECLAIMED WATER MAIN IS ACCEPTABLE WITH PRIOR DEPARTMENT APPROVAL BEFORE THE INSTALLATION OF THE WASTEWATER MAIN.*
3. WHEN A WASTEWATER MAIN CROSSES ANY ELECTRICAL CONDUIT(S), COMMUNICATION CONDUIT(S), AND/OR GAS MAIN, A MINIMUM OF EIGHTEEN (18) INCH VERTICAL SEPARATION IS REQUIRED BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. A WASTEWATER PIPE SHALL ALWAYS CROSS OVER THE OTHER UTILITY MAINS UNLESS APPROVED BY THE DEPARTMENT BEFORE THE INSTALLATION OF THE WASTEWATER MAIN. WHEN THE WASTEWATER MAIN IS D.I.P. AND THE GAS MAIN IS STEEL PIPE, THE WASTEWATER MAIN SHALL BE POLY-WRAPPED PER DEPARTMENT STANDARDS.
4. WASTEWATER LATERALS SHALL CROSS UNDER POTABLE WATER MAINS WITH A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHEN THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT SECTION OF POTABLE WATER DUCTILE IRON PIPE MAIN IS CENTERED OVER THE WASTEWATER LATERAL AND THE LATERAL IS PVC C-900 PIPE. WHEN A WASTEWATER LATERAL MUST CROSS OVER A POTABLE WATER MAIN A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION IS REQUIRED WITH THE LATERAL MAIN BEING PVC C-900 PIPE AND THE POTABLE WATER MAIN HAVING A TWENTY (20) FOOT SECTION OF POTABLE WATER DUCTILE IRON PIPE MAIN CENTERED ON CROSSING.*
5. WASTEWATER MAINS SHALL ALWAYS CROSS UNDER POTABLE WATER SERVICE LINES WITH A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. IF THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE MAINTAINED THE WATER SERVICE LINE SHALL BE ENCASED IN A TEN (10) FOOT MINIMUM LONG CASING CENTERED OVER THE CROSSING WITH SIX (6) INCH MINIMUM VERTICAL SEPARATION.*
6. WASTEWATER MAINS SHALL CROSS PERPENDICULAR TO ALL POTABLE WATER MAINS, STORM MAINS, STORM SEWER MAINS, RECLAIMED WATER MAINS, AND/OR OTHER UTILITIES WHENEVER POSSIBLE.*

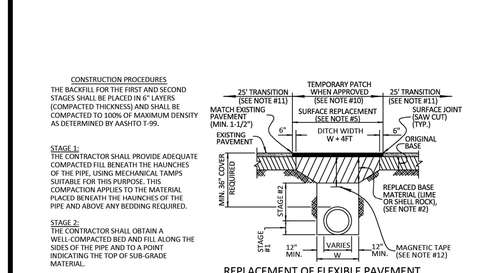
WASTEWATER MAIN CROSSING OTHER MAINS AND UTILITIES * 4S



NOTES:

1. DEFLECTION BY FITTINGS AND/OR PIPE JOINT METHODS APPLIES TO WASTEWATER FORCE MAIN CROSSING OVER OR UNDER CONFLICT PIPE WITH CROSSING OVER CONFLICT PIPE PREFERRED. WHEN A WASTEWATER FORCE MAIN CROSSES OVER A STORM SEWER, GRAVITY WASTEWATER, VACUUM GRAVITY AND/OR RECLAIMED WATER MAIN THE WASTEWATER FORCE MAIN SHALL BE LAID TO PROVIDE A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHEN THE MINIMUM OF TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT SECTION OF WASTEWATER DUCTILE IRON PIPE FORCE MAIN IS CENTERED ON THE CROSSING WITH THE LOWER PIPE HAVING A TWENTY (20) FOOT SECTION CENTERED ON THE CROSSING. A WASTEWATER FORCE MAIN MUST CROSS UNDER ANY POTABLE WATER MAIN WITH A MINIMUM TWELVE (12) INCH VERTICAL SEPARATION REQUIRED. WHEN THE MINIMUM TWELVE (12) INCH VERTICAL SEPARATION CANNOT BE OBTAINED A MINIMUM SIX (6) INCH VERTICAL SEPARATION IS PERMITTED PROVIDED THAT A TWENTY (20) FOOT DUCTILE IRON PIPE SECTION OF POTABLE WATER MAIN IS CENTERED ON THE CROSSING WITH THE WASTEWATER FORCE MAIN HAVING A TWENTY (20) FOOT DUCTILE IRON PIPE SECTION CENTERED ON THE CROSSING. A WASTEWATER FORCE MAIN MAY CROSS OVER A POTABLE WATER MAIN ON A CASE BY CASE BASIS PROVIDED A MINIMUM OF TWELVE (12) INCH VERTICAL SEPARATION IS OBTAINED BETWEEN THE BOTTOM OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE AND ONLY WITH PRIOR DEPARTMENT APPROVAL.*
2. THE PREFERRED PIPE DEFLECTION METHOD IS BY USING MECHANICAL RESTRAINT FITTINGS.*
3. WASTEWATER FORCE MAIN DEFLECTION BY PIPE JOINT METHOD REQUIRES DEPARTMENT APPROVAL PRIOR TO THE INSTALLATION OF THE FORCE MAIN.*
4. DEFLECTION BY PIPE JOINT SHALL NOT EXCEED SEVENTY-FIVE PERCENT (75%) OF MANUFACTURER'S RECOMMENDED MAXIMUM JOINT DEFLECTION FOR DUCTILE IRON PIPE AND PVC PIPE DEFLECTION CAN ONLY BE ALLOWED BY INSTALLING THE APPROPRIATE FITTINGS – NO EXCEPTIONS.*

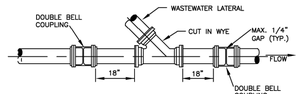
WASTEWATER MAIN CONFLICT DEFLECTION DETAIL * 5S



REPLACEMENT OF FLEXIBLE PAVEMENT FOR PERMITTED PAVEMENT CUT

NOTES

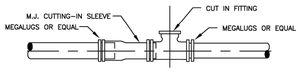
1) BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2) REPLACED BASE MATERIAL (PER LAND DEVELOPMENT DESIGN STANDARDS) OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE AND MATCH THE TYPE OF MATERIAL OF THE ORIGINAL BASE OR 12" MINIMUM, WH



GRAVITY WASTEWATER MAIN

NOTE:

DUCTILE IRON FITTINGS (WYE, TEE, SLEEVES) ARE REQUIRED FOR DUCTILE IRON AND/OR C-900 PVC MAIN.



DUCTILE IRON-MECHANICAL JOINT (FORCE MAIN)

NOTE:

MEGALUGS OR EQUAL ARE REQUIRED THROUGHOUT ASSEMBLY.

WASTEWATER SYSTEM STANDARD CUT-IN DETAILS 9S

I. FORCE MAINS AND GRAVITY WASTEWATER MAINS WITHIN WELLFIELD PROTECTION ZONE

PRESSURE TEST PROCEDURE TO FOLLOW THE CURRENT AWWA C-600 STANDARD (150psi, (2) HOUR DURATION).

THERE SHALL BE NO PRESSURE DROP IN THE PIPE DURING THE TEST (ZERO" FILL-UP TOLERANCE).

II. FORCE MAINS OUTSIDE OF WELLFIELD PROTECTION ZONE

MAXIMUM QUANTITY OF WATER (GALLONS PER HOUR) THAT MAY BE SUPPLIED TO MAINTAIN PRESSURE WITHIN 5 P.S.I. OF THE SPECIFIED TEST PRESSURE

(MECHANICAL OR PUSH-ON JOINT, 18 FT. NOMINAL LENGTHS, PER 1000 FT. OF PIPE)

AVG. TEST PRESSURE PSI	PIPE DIAMETER (INCHES)															
	2	3	4	6	8	10	12	14	16	18	20	24	30	36	42	48
150	0.10	0.14	0.18	0.27	0.37	0.46	0.55	0.64	0.73	0.83	0.92	1.10	1.38	1.65	1.93	2.20

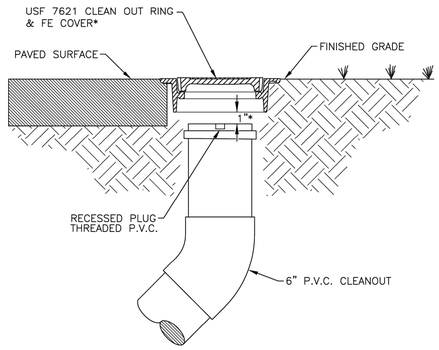
FORMULA BASIS: $L = \frac{(S) \times (D) \times (P)^{1/2}}{148,000}$

L = MAXIMUM QUANTITY OF WATER TO BE ADDED (GALLONS PER HOUR)
S = LENGTH OF PIPE TESTED (FEET)
D = DIAMETER OF PIPE (INCHES)
P = TEST PRESSURE (P.S.I.)

NOTES:

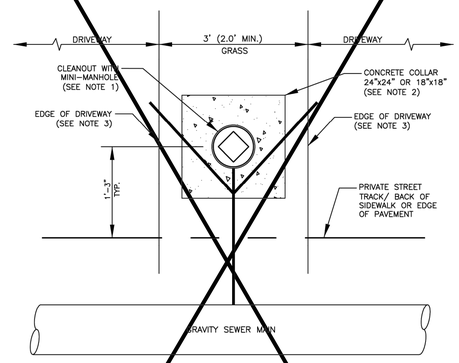
1. TO OBTAIN THE MAXIMUM QUANTITY OF WATER FOR PIPE WITH 20 FT. NOMINAL LENGTHS, MULTIPLY THE QUANTITY CALCULATED FROM THE TABLE BY 0.9.
2. THE MAXIMUM QUANTITY OF ADDED WATER FOR A PIPELINE IS CALCULATED BY MULTIPLYING THE QUANTITY PER HOUR AS OBTAINED FROM THE ABOVE TABLE, BY THE DURATION OF THE TEST IN HOURS,AND BY THE TOTAL LENGTH OF THE LINE BEING TESTED DIVIDED BY 1,000. IF THE LINE UNDER TEST CONTAINS SECTIONS OF VARIOUS DIAMETERS, THE MAXIMUM QUANTITY ADDED WILL BE THE SUM OF THE COMPUTED QUANTITIES FOR EACH SIZE.
3. MAXIMUM TEST LENGTH = 2,500 FEET PER SECTION.
4. THIS STANDARD SHALL REFLECT ANY REVISION OF A.W.W.A. C-600. HOWEVER, THE MAXIMUM QUANTITY OF WATER ADDED SHALL NOT EXCEED 50% OF THE RECOMMENDED LIMIT PER APPLICABLE AWWA C-600 STANDARD.
5. STANDARD TEST PRESSURE = 150 P.S.I.
6. PRESSURE TEST DURATION TO BE MIN. 2 HOURS.

PRESSURE TEST CRITERIA FOR GRAVITY WASTEWATER MAIN IN WELL FIELD & FORCE MAIN * 10S



1. CLEANOUTS TO BE LOCATED IN GRASS AREA WHENEVER POSSIBLE WITH A MINIMUM OF THREE (3) FEET FROM EDGE OF PAVEMENT, BACK OF CURB, EDGE OF DRIVEWAY, AND TRANSFORMERS ON RESIDENTIAL AND NON-RESIDENTIAL LOTS UNLESS LOTS ARE ASSOCIATED WITH TOWNHOME OR ZERO LOT LINE LOTS. ON ZERO LOT LINE LOTS THE MINIMUM DIMENSION SHALL BE ONE (1) FOOT INSTEAD OF THREE (3) FOOT MINIMUM UNLESS OTHERWISE APPROVED BY THE DEPARTMENT.*
2. CLEANOUTS SHALL NOT BE INSTALLED IN TRAFFIC LANES OR AREAS UNDER HEAVY TRAFFIC LOADS.
3. THE COVER TO BE MARKED "S".
4. CLEANOUTS TO BE INSTALLED PRIOR TO WATER METER RELEASE.
5. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR CLEANOUT INSTALLATION PRIOR TO WATER METER INSTALLATION AS SPECIFIED BY THE DEPARTMENT.
6. A CONCRETE COLLAR MAY BE REQUIRED IF CLEANOUT IS LOCATED BETWEEN DRIVEWAYS. SPECIAL CONSTRUCTION DETAIL WILL BE REQUIRED.
7. ALONG STREETS WITH ADJACENT NON-EXCLUSIVE UTILITY EASEMENT, THE CLEANOUTS ENDING PBCWUD MAINTENANCE RESPONSIBILITY SHALL BE INSTALLED MIN. 12", MAX. 18" INTO THE EASEMENT.

TYPICAL CLEANOUT INSTALLATION * 11SA



NOTES:

1. CLEANOUT WITH MINI-MANHOLE MUST BE CENTERED BETWEEN DRIVEWAYS IN GRASS AREA.
2. DRIVEWAYS THAT ARE SEPARATED BY (3)THREE FEET INSTALL A 24"x24" CONCRETE COLLAR. WHEN THERE IS LESS THAN (3)THREE FEET SEPARATION BETWEEN DRIVEWAYS INSTALL A 18"x18" CONCRETE COLLAR.
3. THE EDGE OF THE DRIVEWAY IS EITHER THE ASPHALT/CONCRETE PAVEMENT AREA AND/OR PAVER BRICK AREA WHICH MAY INCLUDE ANY CONCRETE EDGING.

CLEANOUT INSTALLATION DETAIL BETWEEN TOWNHOME DRIVEWAYS * 11SB

GENERAL NOTES

DEFINITIONS

1. DEPARTMENT – THE PALM BEACH COUNTY WATER UTILITIES DEPARTMENT.
2. CONTRACTOR – UTILITY CONTRACTOR AND ALL UTILITY SUBCONTRACTORS.
3. ENGINEER – ENGINEER RESPONSIBLE FOR INSPECTION AND CERTIFICATION.

PROCEDURE

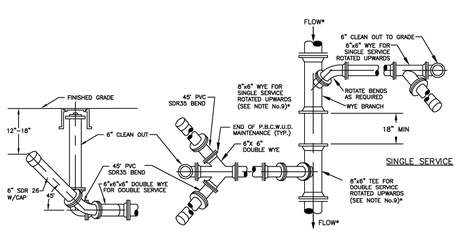
1. A PRE-CONSTRUCTION MEETING IS TO BE HELD PRIOR TO DELIVERY OF MATERIALS AND INITIATION OF ANY POTABLE WATER, RECLAIMED WATER AND/OR WASTEWATER SYSTEM CONSTRUCTION. THE MEETING SHALL BE ATTENDED BY THE DEPARTMENT, CONTRACTOR, ENGINEER AND OTHER INTERESTED PARTIES.
2. ANY REVISIONS TO THE APPROVED PLANS SHALL BE CALLED TO THE ATTENTION OF THE DEPARTMENT PRIOR TO THE PRE-CONSTRUCTION MEETING. REVISED PLANS MUST BE APPROVED PRIOR TO THE MEETING.
3. FIVE (5) COPIES OF THE CURRENT APPROVED MATERIAL LIST AND ALL NECESSARY SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL PRIOR TO SCHEDULING OF THE PRE-CONSTRUCTION MEETING.
4. ALL APPLICABLE PERMITS MUST BE OBTAINED PRIOR TO PRECONSTRUCTION MEETING. (DOT, HEALTH DEPARTMENT, COUNTY ENGINEER, ETC.).
5. THE CONTRACTOR SHALL MAINTAIN A CURRENT APPROVED SET OF CONSTRUCTION PLANS ON JOB SITE.
6. ALL MATERIALS SUPPLIED SHALL CONFORM TO PRODUCT LIST AND SHOP DRAWINGS AS APPROVED PRIOR TO CONSTRUCTION. SUBSTITUTE MATERIALS SHALL NOT BE APPROVED AFTER DELIVERY TO THE JOB SITE. ALL REQUESTS FOR MATERIAL SUBSTITUTION SHALL BE APPROVED PRIOR TO DELIVERY OF THESE MATERIALS TO THE JOB SITE.
7. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE APPROVED PLANS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR. APPROVAL OF DEVELOPMENT PLANS BY THE DEPARTMENT IN NO WAY IMPLIES VERIFICATION OF THE ACCURACY OF THOSE PLANS OR FEATURES DEPICTED THEREON. ANY DISCREPANCY IN OR VARIATION FROM THE APPROVED PLANS IS TO BE BROUGHT TO THE ATTENTION OF THE DEPARTMENT BY THE ENGINEER AND CONTRACTOR. THE CONTRACTOR SHALL CONFIRM AND INSTALL (IF NECESSARY) ADEQUATE MECHANICAL PIPE / JOINT RESTRAINT ON EXISTING PIPES PRIOR TO CONNECTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE DURATION OF CONSTRUCTION FOR THE PROTECTION OF EXISTING AND NEWLY INSTALLED UTILITIES FROM DAMAGE OR DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING SUCH MEASURES AS NECESSARY TO PROTECT THE HEALTH, SAFETY AND WELFARE OF THOSE PERSONS HAVING ACCESS TO THE WORK SITE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING LOCATIONS FROM ALL OTHER UTILITY FACILITIES.
10. THE CONTRACTOR OR ENGINEER SHALL SCHEDULE INSPECTIONS AND TESTS A MINIMUM OF 24-48 HOURS IN ADVANCE.
11. NO CONNECTION TO OR ANY OTHER CONSTRUCTION SHALL BE PERFORMED ON AN EXISTING DEPARTMENT OWNED OR MAINTAINED MAIN OR STRUCTURE WITHOUT THE PRESENCE OF A DEPARTMENT INSPECTOR.
12. FACILITIES PROPOSED HEREIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS AND THE DEPARTMENT'S MINIMUM STANDARDS. CONFLICTS BETWEEN THE PRECEDING DOCUMENTS SHOULD BE CALLED TO THE ATTENTION OF THE DEPARTMENT FOR RESOLUTION. DEVIATIONS FROM THE APPROVED PLANS MUST BE APPROVED IN ADVANCE BY THE DEPARTMENT.
13. UPON COMPLETION OF CONSTRUCTION, A FINAL INSPECTION SHALL VERIFY PROPER ADHERENCE TO ALL FACETS OF THE PLANS AND SPECIFICATIONS.

PRESSURE PIPE NOTES

1. THERE SHALL BE 36" MINIMUM COVER FROM FINISHED GRADE TO TOP OF PIPE.
2. DUCTILE IRON PIPE (DIP) THICKNESS SHALL CONFORM TO THE DEPARTMENT'S APPROVED MATERIAL LIST. POTABLE WATER AND RECLAIMED WATER MAINS DIP SHALL BE CEMENT LINED. FORCE MAIN DIP SHALL BE CERAMIC EPOXY LINED.
3. PVC PRESSURE PIPE SHALL BE C-900, SDR-18, 150 PSI.
4. ALL FITTINGS SHALL BE DUCTILE IRON WITH MECHANICAL JOINTS AND CEMENT OR APPROVED EPOXY LINING.
5. POTABLE WATER, RECLAIMED WATER AND WASTEWATER FORCE MAIN VALVES 10 INCHES AND SMALLER SHALL BE RESILIENT SEAT GATE VALVES. TWELVE-INCH (12") OR LARGER FORCE MAIN VALVES SHALL BE RESILIENT SEAT GATE VALVES OR ECCENTRIC PLUG VALVES (IF APPROVED IN ADVANCE BY DEPARTMENT). POTABLE WATER AND RECLAIMED WATER MAIN VALVES LARGER THAN 10 INCHES SHALL BE BUTTERFLY VALVES.
6. ALL TRENCHING, PIPE-LAYING, BACKFILL, PRESSURE TESTING, AND DISINFECTION MUST COMPLY WITH ALL APPLICABLE FEDERAL, STATE, COUNTY AND HEALTH DEPARTMENT STANDARDS AND REGULATIONS.

GRAVITY SEWER NOTES

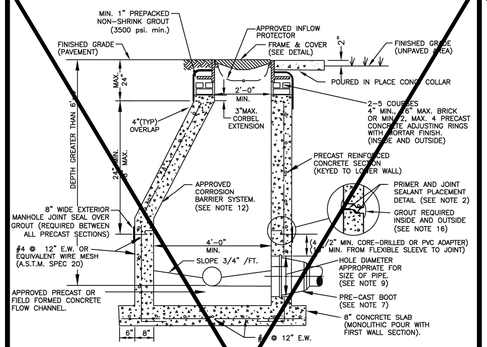
1. MANHOLES AND OTHER CASTINGS SHALL BE INSPECTED BY THE DEPARTMENT BEFORE PLACEMENT AND BEFORE APPLICATION OF THE CORROSION BARRIER SYSTEM (IF APPLICABLE).
2. ALL OPENINGS IN PRECAST MANHOLES SHALL BE CAST AT TIME OF MANUFACTURE OR CORED IN FIELD.
3. ALL MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE, AND SHALL REST ON A FIRM, CAREFULLY GRADED SUBGRADE, WHICH SHALL PROVIDE UNIFORM BEARING UNDER BASE.
4. PVC WASTEWATER GRAVITY PIPE SHALL CONFORM TO ASTM D-3034, SDR 26 WITH PVC SDR 35 FITTINGS, OR PVC C-900 SDR 18, PIPE AND FITTINGS, WITH PUSH-ON RUBBER GASKET JOINTS.
5. D.I.P GRAVITY SEWER PIPE SHALL BE PRESSURE CLASS 350, EPOXY LINED.
6. THE COMPLETED GRAVITY WASTEWATER SYSTEM SHALL BE INSPECTED BY THE DEPARTMENT TO VERIFY ALIGNMENT AND INTEGRITY. THERE SHALL BE NO LEAKAGE. ALL MAINS SHALL BE LAMPED, SHOWING A FULL CIRCLE OF LIGHT. DURING THESE INSPECTIONS, THE MAIN SHALL BE CLEAN AND DRY.



NOTES:

1. MIN. 3' AND 5' MAX. DEPTH IS REQUIRED, UNLESS PLANS SHOW OTHERWISE, FOR SERVICE LATERAL WYE AT THE CLEAN OUT ENDING P.B.C.W.U.D. OWNERSHIP AND MAINTENANCE RESPONSIBILITY.
2. CLEAN OUT IS TO BE INSTALLED PER DEPARTMENT STANDARDS PRIOR TO WATER METER INSTALLATION.
3. WASTEWATER MAIN WYE BRANCH TO MATCH MAIN PIPE MATERIAL.
4. CLEAN OUTS DESIGNATING THE END OF THE DEPARTMENT'S MAINTENANCE RESPONSIBILITY SHALL BE LOCATED WITHIN AN UTILITY EASEMENT OR RIGHT-OF WAY DEDICATED FOR UTILITIES.
5. THE DEVELOPER/PROPERTY OWNER OR ASSIGNEE SHALL BE RESPONSIBLE FOR CLEAN OUT INSTALLATION PRIOR TO WATER METER INSTALLATION AS SPECIFIED BY THE DEPARTMENT.
6. SEE MINIMUM SEPARATION STATEMENT FOR P.V.C. C-900 SDR 18 PIPE MATERIAL REQUIREMENTS AT WASTEWATER LATERAL/POTABLE WATER MAIN CROSSINGS.
7. ALONG STREETS WITH ADJACENT NON-EXCLUSIVE UTILITY EASEMENT, THE CLEANOUT ENDING PBCWUD MAINTENANCE RESPONSIBILITY SHALL BE INSTALLED 12" MIN. TO 18" MAX. INTO THE UTILITY EASEMENT.*
8. MIN. 3' HORIZONTAL SEPARATION MUST BE MAINTAINED BETWEEN CLEANOUTS AND EDGE OF PAVEMENT, BACK OF CURB, EDGE OF DRIVEWAY, LIGHTPOLES, TRANSFORMERS, POWER POLES.
9. GRAVITY SEWER MAINS ARE 8" DIAMETER WITH ALL SEWER LATERAL CONNECTIONS TO A GRAVITY SEWER MAINS REQUIRED TO BE 6" DIAMETER IN SIZE UNLESS OTHERWISE PREVIOUSLY APPROVED BY THE DEPARTMENT.*

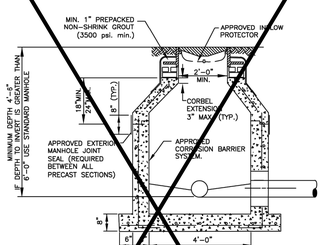
TYPICAL WASTEWATER SERVICE CONNECTION * 12S



NOTES:

1. PRECAST CONCRETE TYPE II 4000 P.S.I. CALCAREOUS AGGREGATE REQUIRED (MIN. CaCO3 CONTENT: 65% IN LARGE AGGREGATE, 50% IN CONCRETE SCREENING).
2. INSTALL APPROVED JOINT SEALANT AT ALL RISER JOINTS WITH GROUT ON INSIDE AND OUTSIDE. MANHOLE SHOP DRAWINGS SHALL INCLUDE THE SIZE AND PLACEMENT OF JOINT SEALANT. AN APPROVED JOINT PRIMER SHALL BE APPLIED BY THE PRECASTER (TONGUE SECTION ONLY).
3. ALL OPENINGS SHALL BE SEALED WITH A WATERPROOF NON-SHRINKING GROUT.
4. FLOW CHANNELS SHALL BE PRECAST OR FIELD CONSTRUCTED TO DIRECT INFLUENT INTO FLOW STREAM. (SEE DETAIL)
5. LIFT HOLES ARE PERMITTED.
6. ALL PIPE HOLES SHALL BE PRECAST OR CORE – DRILLED.
7. A. FOR PVC PIPE ENTERING MANHOLE WITH PRECAST HOLES USE THE APPROVED, PRECASTED FLEXIBLE MANHOLE SLEEVE FOR THE APPROPRIATE PIPE DIAMETER AND DIMENSION RATIO. DOUBLE BANDING IS REQUIRED FOR FLEXIBLE MANHOLE SLEEVE.
   B. CONNECTION TO A MANHOLE WITH A CORE DRILLED HOLE SHALL BE MADE USING A "S" MIN. PVC C900 OR 18 AND THE APPROVED PVC-MANHOLE ADAPTER. THE ADAPTER SHALL NOT EXTEND MORE THAN 4" INTO THE MANHOLE.
   C. THE INSIDE AND OUTSIDE SPACE BETWEEN PIPE AND MANHOLE WALL SHALL BE FILLED WITH GROUT
8. INSIDE DROPS SHALL NOT BE DESIGNED TO EXCEED 1.80 FEET AND NOT CONSTRUCTED TO EXCEED 2.0 FEET, MAX. 6" INSIDE DROP IS PERMITTED FOR MANHOLES WITH LESS OR MORE INVERTS AND MANHOLES WITH A CHANGE IN FLOW DIRECTION OF MORE THAN 45 DEGREES.
9. 8" DIAMETER PIPE: 15" HOLE FOR PVC – 10" DIAMETER PIPE: 17" HOLE FOR PVC.
10. MANHOLE FABRICATION SHALL BE IN ACCORDANCE WITH ASTM C-478, LATEST STANDARD.
11. MINIMUM 5 FEET IS REQUIRED BETWEEN OUTSIDE OF MANHOLE AND A SERVICE WYE.
12. MANHOLES TO BE COATED INSIDE WITH AN APPROVED CORROSION BARRIER SYSTEM. SOLID THERMOPLASTIC CAST-IN LINER IS REQUIRED FOR LAST MANHOLE PRIOR TO LIFT STATION, MANHOLES DEEPER THAN 14 FT., MANHOLES WITH OUTSIDE DROP, AND MANHOLES WITH A FORCE MAIN CONNECTION. (SEE APPROPRIATE DETAILS)
13. APPROVED INFLOW PROTECTORS ARE REQUIRED.
14. MANHOLES IN ROADWAYS SHALL BE LOCATED OUTSIDE OF WHEEL PATHS.
15. SPECIAL PRE-APPROVED GROUT IS REQUIRED FOR PRECAST STRUCTURES WITH ANTIMICROBIAL ADMIXTURE.

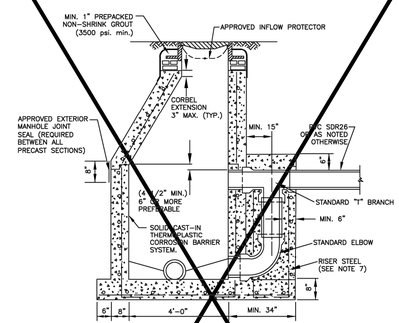
STANDARD MANHOLE 13S



NOTE:

ALL STANDARD MANHOLE NOTES AND DETAILS ARE APPLICABLE.

SHALLOW MANHOLE 14S



NOTES:

1. ALL DETAILS AND SPECIFICATIONS FOR STANDARD MANHOLES ARE APPLICABLE EXCEPT FOR REFERENCES TO DROP ASSEMBLY AND CAST IN LINERS.
2. THE PRECAST BASE SHALL EXTEND FULLY UNDER THE DROP ASSEMBLY.
3. MASONRY CONSTRUCTION ABOVE THE EXTENDED PRECAST BASE, IF FILLED WITH CONCRETE, IS PERMISSIBLE.
4. BRICK AND CONCRETE RUBBLE ARE PERMITTED AS FILLER IN DROP ENCASEMENT.
5. DROP CONNECTIONS SHALL BE REQUIRED WHENEVER AN INFLUENT INVERT IS LOCATED 2.0 FEET OR MORE ABOVE THE MAIN INVERT CHANNEL. DROP CONNECTIONS SHOULD NOT BE DESIGNED FOR LESS THAN A 2.4 FOOT DROP.
6. PVC SDR 26 PIPE WITH PVC SDR 35 FITTINGS SHALL BE UTILIZED IN THE DROP ASSEMBLY.
7. RISER STEEL TO BE CAST IN PLACE WITH BASE (4 RODS) OR USE 4 – 1/2" DIA. COIL LOOP INSERTS CAST IN PLACE WITH BASE (TO BE USED WITH 1/2" COIL RODS). COIL LOOP INSERTS TO BE "DAYTON SUPERIOR" B16, 1/2"X 4" OR APPROVED EQUAL.

DROP CONNECTION PRECAST MANHOLE 15S

THIS SPACE INTENTIONALLY LEFT BLANK

WASTEWATER #2 STANDARD DETAILS

CONSULTANT:

IT'S THE LAW! CALL 48 HOURS BEFORE YOU DIG 1-800-432-4770 SUNSHINE STATE ONE CALL OF FLORIDA, INC. UTILITIES NOTIFICATION CENTER

DESIGNED BY: WUD
DRAWN BY: M. BUCKNER
CHECKED BY: J. LAMMERT
APPROVED BY: WUD

Palm Beach County
Water Utilities Department
P.O.Box 16097
West Palm Beach, FL 33416-6097

WUD PROJECT No. 00-000

WUD PROJECT NAME

PALM BEACH COUNTY
WATER UTILITIES DEPARTMENT
P.O. BOX 16097
WEST PALM BEACH, FL 33416
(561)493-6000

NO.	DATE	REVISION / REMARKS	BY
1	DEC 2021	GENERAL REVISION	J.L.
2	JAN 2023	GENERAL REVISION	J.L.

STD DETAILS

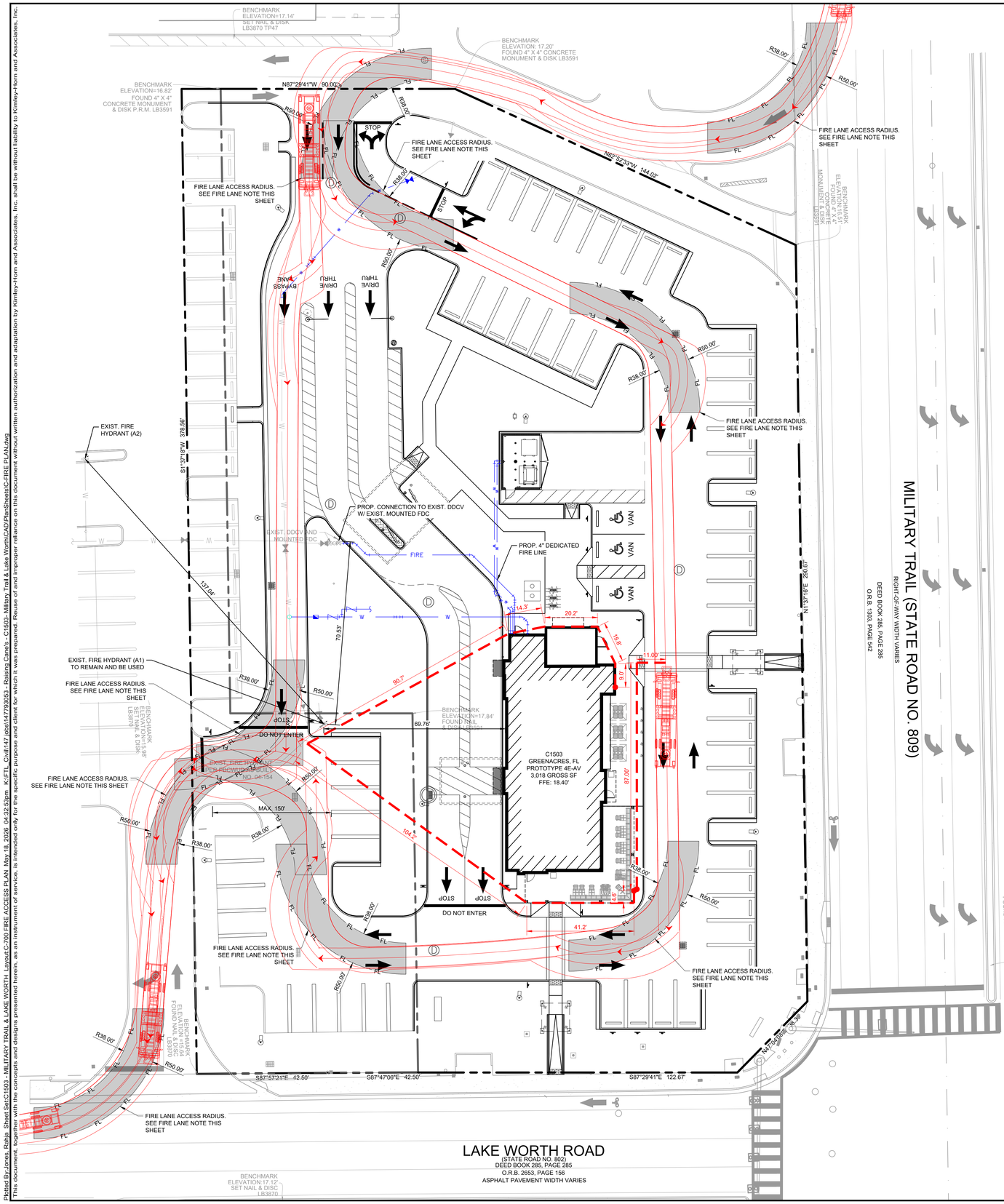
SHEET NUMBER C-610

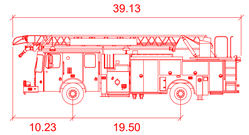
SEAL

Mar 01, 2023

Drawing: W:_WUD 2023 STD DTL REVS\WUD 2023 STD DTL SHEETS\WUD 2023 STD DTLS - WASTEWATER (6 SHTS).dwg\WUD WW-2 - Last Modified: Wed, Mar 01, 2023 - 3:00pm

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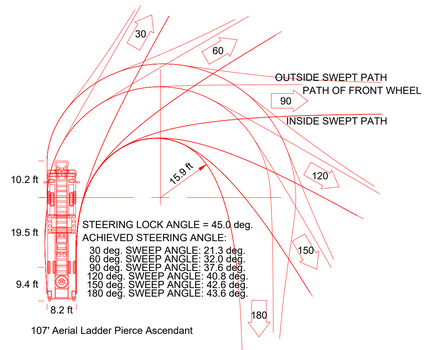




107' Aerial Ladder Pierce Ascendant

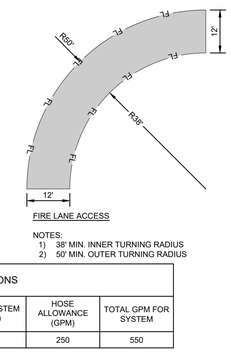
feet

Width	:	8.17
Track	:	8.00
Lock to Lock Time	:	6.0
Steering Angle	:	45.0



107' Aerial Ladder Pierce Ascendant

[ft]
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0ft 10ft 20ft



FIRE LANE ACCESS

NOTES:
1) 38' MIN. INNER TURNING RADIUS
2) 50' MIN. OUTER TURNING RADIUS

SITE DATA

PARCEL A OF "MIL-LAKE CVS"	
PARCEL CONTROL NO. (PCN)	18-42-44-24-38-001-0000
EXISTING LAND USE DESIGNATION	CM - COMMERCIAL
EXISTING ZONING	CI-COMMERCIAL INTENSIVE
EXISTING USE	SMALL DISCOUNT STORE
PROPOSED USE	RESTAURANT W/ DRIVE-THRU
TOTAL SITE AREA	84,571 SF / 1.94 AC
GROSS BUILDING AREA	3,018 GROSS SF
PROPOSED BUILDING TYPE	V-B
PROPOSED PATIO AREA	812 SF
PROPOSED CORRAL AREA	285 SF
PROPOSED ROOF AREA	3,273 SF
BUILDING TOTAL AREA	3,558 SF
FLOOR AREA RATIO (FAR)	0.036 (3.6%)
IMPERVIOUS VS PERVIOUS AREA (PCD BOUNDARY)	
	EXISTING / PROPOSED
IMPERVIOUS (SF)	60,583 / 53,032
PERVIOUS (SF)	23,988 / 31,539
BUILDING HEIGHT (CI-ZONING DISTRICT)	
	MAXIMUM / PROPOSED
BUILDING HEIGHT	35' / 22'-0" [4]
HOURS OF OPERATIONS[3]	
OPEN	9:00 AM
CLOSE	3:30 AM
ESTIMATED OCCUPANCY	
INDOOR (FBC)	104
EMPLOYEES AND SEATING	
NUMBER OF EMPLOYEES	8
INTERIOR SEATING	72
EXTERIOR PATIO SEATING	41
TOTAL SEATING	113

PARKING TABLE

	REQUIRED	PROPOSED
STANDARD PARKING	38 SPACES	80 SPACES
ACCESSIBLE	2 SPACES	3 SPACES
TOTAL PARKING	38 SPACES	83 SPACES[5]
BICYCLE PARKING		
	REQUIRED	PROPOSED
BICYCLE PARKING (EACH)	5 SPACES	6 SPACES

NOTES:
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2. DELIVERIES TO OCCUR ONLY DURING RESTAURANT'S NON-OPERATING HOURS (BEFORE OPENING AND/OR AFTER CLOSING).
3. OPERATIONAL HOURS CONSIDER DRIVE THRU ALONG WITH INDOOR AND OUTDOOR DINING.
4. HEIGHT MEASURED IS FROM GROUND LEVEL TO TOP-OF-TOWER.
5. SHARED PARKING IS ALSO AVAILABLE TO SERVE THE SITE - AS PART OF THE MIL/LAKE PLAZA SHOPPING CENTER

FIRE FLOW CALCULATIONS

SYSTEM DEMAND	DENSITY (GPM/SF)	AREA (SF)	TOTAL SYSTEM (GPM)	HOSE ALLOWANCE (GPM)	TOTAL GPM FOR SYSTEM
ORDINARY 2	0.2000	1500	300	250	550

FIRE FLOW NOTES:
THE REQUIRED TOTAL FIRE FLOW IS 550 GPM:
A. THE KITCHEN FALLS UNDER ORDINARY HAZARD GROUP 2 AND THEREFORE REQUIRES 250 GPM (PER NFPA 13, 2019 EDITION TABLE 19.2.3.1.2 FOR HOSE ALLOWANCE)
B. IT IS REQUIRED TO PROVIDE DEMAND FOR 1500 SF OF COVERAGE (PER NFPA 13, 2019 EDITION TABLE 19.2.3.1.1)
C. ORDINARY HAZARD GROUP 2 REQUIRES A DENSITY OF 0.2 GPM/SF OR 300 GPM
D. REFERENCE FIRE FLOW RESULTS FROM SPRINKLERMATIC FIRE PROTECTION SYSTEMS, INC., DATED JUNE 25, 2025
STATIC PRESSURE: 55 PSI
RESIDUAL PRESSURE: 50 PSI
20 PSI RESIDUAL FLOW: 3035GPM

FIRE SPRINKLER NOTES:
1. THE PROPOSED BUILDING SHALL BE FULLY SPRINKLERED PER NFPA 13, 2019 EDITION AND MONITORED FIRE ALARMS PER NFPA 72.

FIRE FLOW RESULTS - PERFORMED BY SPRINKLERMATIC ON 06/25/2025		
FLOW HYDRANTS	A1	A2
SIZE OPENING	2.5	2.5
COEFFICIENT	0.9	0.9
PITOT READING	40	
TOTAL FLOW (GPM)	1061	

FIRE FLOW RESULTS:
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7. ESTIMATED CONSUMPTION = 5306 GAL

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

LEGEND

- CITY PCD BOUNDARY
- COUNTY PLAT LINE
- EASEMENT LINE
- W — PROPOSED WATER LINE
- FIRE TRUCK HOSE REACH (150' MAX. FOR EACH ROUTE)
- END OF HOSE LAY
- PROPOSED CATCH BASIN
- PROPOSED CURB INLET
- Ⓓ PROPOSED DRAINAGE MANHOLE
- UGT — EXISTING UNDERGROUND TELEPHONE & ELECTRIC LINE
- STM — EXISTING STORM DRAINAGE LINE
- GAS — GAS — EXISTING GAS LINE
- W — EXISTING WATER LINE
- SS — EXISTING SANITARY SEWER LINE
- EXISTING FIRE HYDRANT
- Ⓢ EXISTING SANITARY SEWER MANHOLE
- EXISTING DDCV AND MOUNTED FDC

NORTH

GRAPHIC SCALE IN FEET
0 10 20 40

No.	REVISIONS	DATE	BY
1	FINAL REVISIONS FOR COUNCIL	05/19/2026	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal. Signature must be verified on any electronic copies.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN
DESIGNED BY BVT
DRAWN BY BVT
CHECKED BY JLC

FIRE ACCESS PLAN

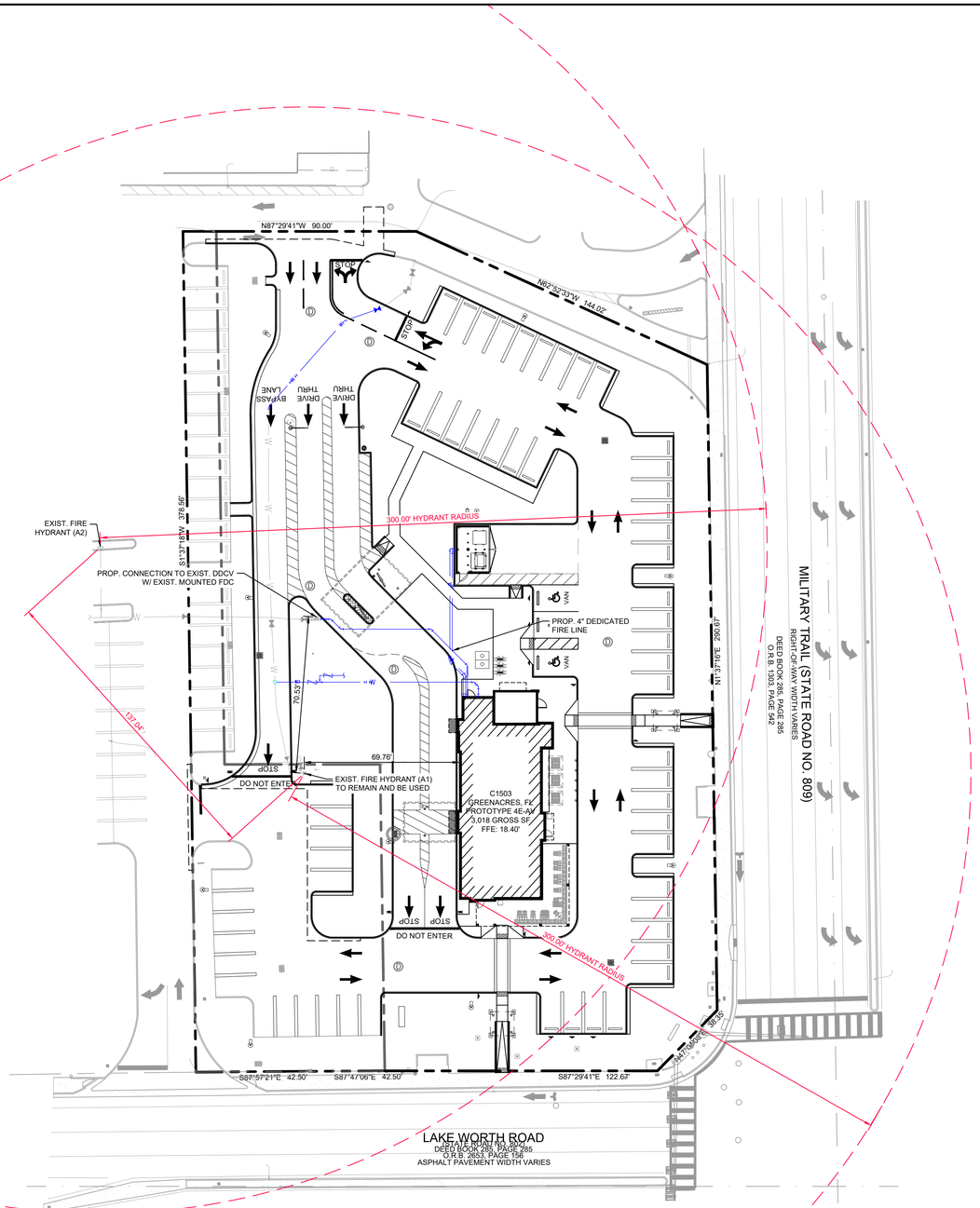
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-700

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: C-700 FIRE ACCESS PLAN May 18, 2026 04:32:53pm K:\FTL_Civil\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\C-FIRE PLAN.dwg
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NORTH

GRAPHIC SCALE IN FEET
0 15 30 60

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PHONE: 954-535-5100 FAX: 954-739-2247
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JOHN L. CORDASCO LICENSE No. 95063 ★ STATE OF FLORIDA ★ PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
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KHA PROJECT 147793053
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SCALE AS SHOWN
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DRAWN BY BVT
CHECKED BY JLC

FIRE HYDRANT LOCATIONS PLAN

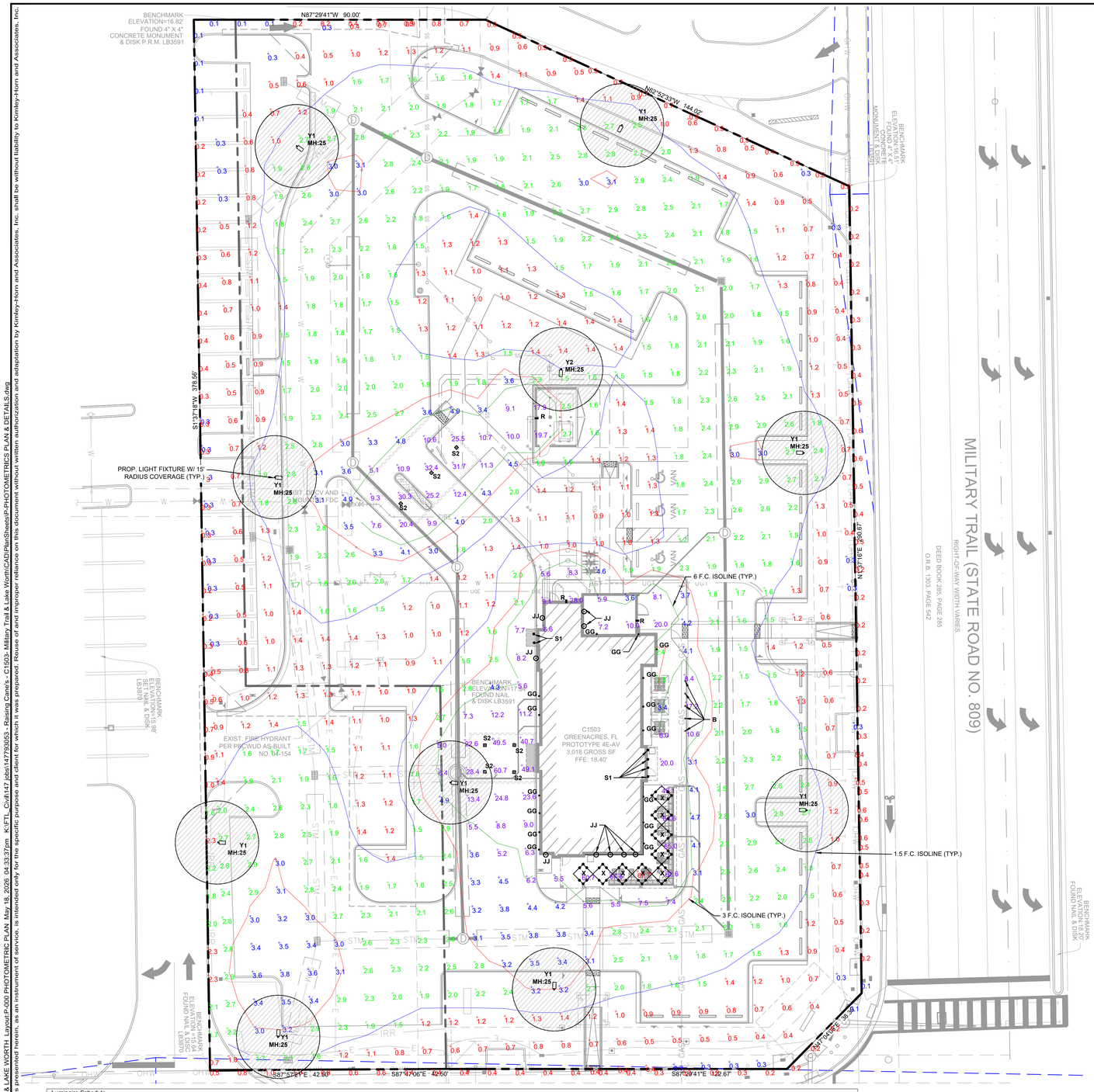
RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER C-701

Plotted By:Jones, Rahja Sheet Set:C1503 - MILITARY TRAIL & LAKE WORTH Layout:C-701 FIRE HYDRANT LOCATIONS PLAN May 18, 2026 04:32:54pm K:\FTL_Civil\147 Jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\C-FIRE PLAN.dwg
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Luminaire Schedule										
Symbol	Qty	Description	Arrangement	Manufacturer	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts	Mounting Height
	5	B5HQF1X10U3K	Single	LED ALUX	B	1.000	338	11.2	56	4
	54	FM-W2605-BK	Single	ACUITY	X	1.000	801	28.7	1549.8	
	15	VW15-G0 41 G-G0 LVX01-19W-30K-120	Single	BOCK	GG	1.000	1416	11.7	175.5	16.5
	7	CRUS-SC-VLW-50	Single	ACUITY	S2	1.000	9364	60	420	10
	9	DSX1 LED P4 50K 70CRI T3M HS	Single	ACUITY	Y1	1.000	14167	123.9373	1115.436	25
	1	DSX1 LED P5 50K 80CRI T5W	Single	ACUITY	Y2	1.000	17246	138.16	138.16	25
	6	LDN6SQ 27_15 LSW6 LD	Single	ACUITY	S1	1.000	1144	17.52	105.12	10
	3	T633LEDB-WS4-UNV-40K-T3-BZ	Single	RAYON LIGHTING	R	1.000	5718	36.0824	108.247	
	9	VW15-G0 41 G0G0 LVX01-19W-30K-10	Single	MODERN FORMS	JJ	1.000	610	25.6	230.4	16.5

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
OVERALL SITE	Illuminance	Fc	3.33	67.7	0.3	11.10	225.67
PROPERTY LINE	Illuminance	Fc	0.52	2.3	0.1	5.20	23.00



GRAPHIC SCALE IN FEET
0 10 20 40

SITE LEGEND

CITY PCD BOUNDARY	
PROPOSED LIGHT POLE	
2.6	CALCUALTION POINT

LIGHTING NOTES

1. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY/STATE REGULATION AND CODES.
2. CALCULATED VALUES ARE DERIVED THROUGH A COMPUTER BASED MODEL WITH LIGHT FIXTURE DATA AS SUPPLIED BY MANUFACTURER THROUGH IES FILES.
3. ANY DEVIATION FROM SPECIFIED FIXTURE MODELS AND MOUNTING HEIGHTS IN THIS EXHIBIT WILL DISCOUNT THE VALIDITY OF THESE CALCULATIONS.
4. THE PHOTOMETRIC ANALYSIS EXCLUDES ALL PROPOSED OFF-SITE STREET LIGHTING AND EXISTING OFF-SITE LIGHTING.
5. ALL LUMINAIRE SYMBOLS ARE DIAGRAMMATIC ONLY. CONTRACTOR TO FIELD COORDINATE EXACT LOCATIONS AND SETBACKS AGAINST UNDERGROUND UTILITY AND OTHER OBSTRUCTIONS.
6. CONTRACTOR TO FIELD VERIFY FIXTURE VOLTAGE AND FINISH WITH OWNER AND ARCHITECT PRIOR TO PURCHASE AND INSTALLATION.
7. LIGHT FIXTURES SHALL BE FULLY INTEGRATED WITH INTERIOR LIGHTING SYSTEM. PROVIDE FULLY COMPATIBLE SYSTEM THAT INCLUDES TIMECLOCK OPERATION, INTEGRAL OCCUPANCY SENSING, REMOTE ACCESS AND CONTROL FOR ADJUSTMENT OF HIGH/LOW TRIMMING, ZONING, ETC.

CITY NOTES

1. LIGHT FIXTURES ARE DARK SKY CERTIFIED AND CONFORM TO RELEVANT STANDARDS ESTABLISHED BY INTERNATIONAL DARK SKY ASSOCIATION (IDA), THE DESIGN LIGHTS CONSORTIUM (DLC), OR EQUIVALENT.
2. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH
2	CITY COMMENTS & RESUBMITTAL	04/03/2026	KH

Kimley»Horn
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8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

PHOTOMETRICS PLAN

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
P-000

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: P-000 PHOTOMETRIC PLAN May 18, 2026 04:53:37pm K:\FTL_Civil\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\P-PHOTOMETRICS PLAN & DETAILS.dwg
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NOT FOR CONSTRUCTION - FOR PERMIT ONLY

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: P-100 PHOTOMETRIC DETAILS May 18, 2028 04:33:38pm K:\FTL_Civil\147-jobs\147793053 - Raising Cane's - C1503- Military Trail & Lake Worth\CAD\PlanSheets\P-PHOTOMETRICS PLAN & DETAILS.dwg
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'Y1 & Y2' CUTSHEET (1 OF 1)



D-Series Size 1
LED Area Luminaire

DLC DLC PREMIUM DARK SKY ifda

ds BAA BABA

d-series

Catalog Number

Notes

Type

Fill out the top of every row on the page to use all interactive elements.

Introduction
The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. Dusk-to-dawn dimming capability and integrated photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Specifications

EPA: 0.69 ft² (0.06 m²)

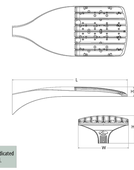
Length: 32.71" (83.1 cm)

Width: 14.26" (36.2 cm)

Height H1: 7.88" (20.0 cm)

Height H2: 2.73" (6.9 cm)

Weight: 34 lbs (15.4 kg)



ds design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED

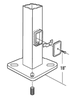
Series	LEDs	Color temperature*	Color Rendering Index	Distribution		Voltage	Mounting
DSX1 LED	**Forward optics** (this section 70CRI only)			AFR Automotive front row	T5M Type V medium	MVOLT (120V-277V)*	**Shipped included**
	P1 P6 30K 3000K			T1S Type I short	T5LG Type V short glare	HVOLT (347V-480V)*	SPA Square pole mounting (RE drilling)
	P2 P7 40K 4000K			T2M Type II medium	T5W Type V wide	XVOLT (277V - 480V)*	RPA Round pole mounting (RE drilling)
	P3 P8 50K 5000K			T3M Type III medium	BLC3 Type III backlight control	120 V,H,X	SPAS Square pole mounting #5 drilling*
	P4 P9			T3LG Type III low glare	BLC4 Type IV backlight control	208 V,H,X	RPAS Round pole mounting #5 drilling*
	P5	27K 2700K	80CRI	T4M Type IV medium		240 V,H,X	SPASN Square narrow pole mounting #8 drilling
	Rotated optics	30K 3000K	80CRI	T4LG Type IV low glare	LCCO Left corner cutoff*	277 V,H,X	WBA Wall bracket
	P10 P12	35K 3500K	80CRI	TFTM Forward throw medium	RCCO Right corner cutoff*	347 V,H,X	MA Mast arm adapter (mounts on 2 3/8" OD horizontal tenon)
	P11* P13*	40K 4000K	80CRI			480 V,H,X	
		50K 5000K	80CRI				

Control options		Other options		Finish (required)	
Shipped installed		**Shipped installed**		DDBXD Dark Bronze	
NLTAIR2 PIRHN	nLight AIR gen 2 enabled with bi-level motion / ambient sensor, 8'-40' mounting height, ambient sensor enabled at 2fc [11,15,20,21]	SPD20KV 20KV surge protection		DBLXD Black	
		HS Houseside shield (black finish standard) [22]		DNAXD Natural Aluminum	
PIR	High/low, motion/ambient sensor, 8-40' mounting height, ambient sensor enabled at 2fc [15,20,21]	L90 Left rotated optics [1]		DWHXD White	
		R90 Right rotated optics [1]		DBTXD Textured dark bronze	
PER	NEMA twist-lock receptacle only (controls ordered separately) [16]	CCE Coastal Construction [26]		DBLBXD Textured black	
		HA 50°C ambient operation [24]		DNATXD Textured natural aluminum	
PERS	Five-pin receptacle only (controls ordered separately) [16,23]	BAA Buy American(a) Act and/or Build America Buy America Qualified		DWHGXD Textured white	
		SF Single fuse (120, 277, 347V) [9]			
PER7	Seven-pin receptacle only (controls ordered separately) [16,23]	DF Double fuse (208, 240, 480V) [9]			
FAO	Field adjustable output [13,27]	**Shipped separately**			
BL30	Bi-level switched dimming, 30% [16,17]	EGSR External Glare Shield (reversible, field install required, matches housing finish)			
BL50	Bi-level switched dimming, 50% [16,17]	BSSR Bird Spikes (field install required)			
DMG	0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) [17]				
DS	Dual switching [16,18,23]				

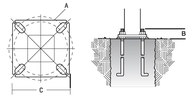
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SSS Square Straight Steel Poles

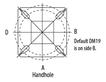
BASE DETAIL



POLE DATA							
Shaft base size	Bolt circle A	Bolt projection B	Base square C	Base plate thickness	Template description	Anchor bolt description	Anchor bolt and template description
4"K	8" – 9"	3.25" - 3.75"	8" - 8.25"	0.75"	ABTEMPLATE:PJS0004	AB18-0	ABSSS-4C
4"G	8" – 9"	3.38" - 3.75"	8" - 8.25"	0.875"	ABTEMPLATE:PJS0004	AB30-0	ABSSS-4G
5"	10" – 12"	3.5" - 4"	11"	1"	ABTEMPLATE:PJS0010	AB36-0	ABSSS-5
6"	11" – 13"	4" - 4.50"	12.5"	1"	ABTEMPLATE:PJS0011	AB36-0	N/A



HANDHOLE ORIENTATION



IMPORTANT INSTALLATION NOTES:
- **Do not** erect poles without having fixtures installed.
- Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates.
- If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage.
- Lithonia Lighting is not responsible for the foundation design.
- Bolt circles have +/- 1/2" tolerance.

CAUTION: These specifications are intended for general purposes only. Lithonia Lighting reserves the right to change material or design, without prior notice, in a continuing effort to upgrade its products.

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LITHONIA LIGHTING

FEATURES & SPECIFICATIONS

INTENDED USE — These specifications are for USA assembled only. Square Straight Steel is a general purpose light pole for up to 39-foot mounting heights. This pole provides a robust yet cost effective option for mounting area lights and floodlights.

CONSTRUCTION —

Pole Shaft: The pole shaft is of uniform dimension and wall thickness and is made of a weldable-grade, hot-rolled, commercial-quality steel tubing with a minimum yield of 55 KSI (11-gauge, 0.120"), or 50 KSI (7-gauge, 0.179"). Shaft is one-piece with a full-length longitudinal high-frequency electric resistance weld. Uniformity square in cross-section with flat sides, small corner radii and excellent torsional qualities. Available shaft widths are 4", 5" and 6".

Pole Top: Options include 4" tenon top, drilled for side mount fixture, tenon with drilling (Includes extra handhole) and open top. Side drilled and open top poles include a removable top cap.

Handhole: A reinforced handhole with grounding provision is provided at 18" from the base on side A. Positioning the handhole lower may not be possible and requires engineering review; consult Tech Support Outdoor for further information. Every handhole includes a cover and cover attachment hardware. The handhole has a nominal dimension of 2.5" x 5".

Base Cover: A durable ABS plastic two-piece full base cover, finished to match the pole, is provided with each pole assembly. Additional base cover options are available upon request.

Anchor Base/Bolts: Anchor base is fabricated from steel that meets ASTM A36 standards and can be altered to match existing foundations; consult factory for modifications. Anchor bolts are manufactured to ASTM F1554 Standards grade 55, (55 KSI minimum yield strength and tensile strength of 75-95 KSI). Top threaded portion (nominal 12") is hot-dipped galvanized per ASTM A-153.

HARDWARE — All structural fasteners are high-strength galvanized carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

FINISH — Extra durable painted finish is coated with TGIC (Triglycidyl Isocyanurate) Polyester powder that meets SAE and SB classifications of ASTM D3359. Powder-coat finishes include Dark Bronze, White, Black, and Natural Aluminum colors. Architectural Colors and Special Finishes are available by quote and include, but are not limited to Paint over Hot-dipped Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes.

BUY AMERICAN ACT — Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations.
Please refer to www.acuitybrands.com/buy-american for additional information.

INSTALLATION — Do not erect poles without having fixtures installed. Factory-supplied templates must be used when setting anchor bolts. Lithonia Lighting will not accept claim for incorrect anchorage placement due to failure to use Lithonia Lighting factory templates. If poles are stored outside, all protective wrapping must be removed immediately upon delivery to prevent finish damage. Lithonia Lighting is not responsible for the foundation design.

WARRANTY — 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

NOTE: Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

Catalog Number

Notes

Type

Anchor Base Poles

SSS

SQUARE STRAIGHT STEEL

BAA

SSS Square Straight Steel Poles

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** SSS 20 5C DM19 DDBXD

SSS Series	Nominal fixture mounting height	Nominal shaft base size/wall thickness[1]	Mounting[1]		Options		Finish*
SSS	10'-39' (for 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.)	4C 4" 11g (0.120")	Tenon mounting	AERO[3] Suspend drill mounting[4]	Shipped-installed		Super durable paint colors
		4G 4" 7g (0.179")	PT Open top (includes top cap)	DM19AST_ 1 at 90°	VG Vibration damper[5]		DDBXD Dark bronze
		5C 5" 11g (0.120")	T20 2-3/8" O.D. (2-1/2" NPS)	DM28AST_ 2 at 180°	HAxy Horizontal arm bracket (1 fixture)[20]		DBLXD Black
		5G 5" 7g (0.179")	T25 2-7/8" O.D. (2-1/2" NPS)	DM29AST_ 2 at 90°	FDLxy 1/2" coupling[6] Fershom outlet less electrical[20]		DNAXD Natural aluminum
	See technical information table for complete ordering information.)	6G 6" 7g (0.179")	T30 3-1/2" O.D. (3" NPS)	DM39AST_ 3 at 90°	CPL12/xy 1/2" coupling[6]		DWHXD White
	25'	See technical information table for complete ordering information.)	T35 4" O.D. (3-1/2" NPS)	DM49AST_ 4 at 90°	CPL34/xy 3/4" coupling[6]		DSSXD Sandstone
			KAC/KAD/KSC/KSD/KVR/KVF Drill mounting	OMERO[3] Suspend drill mounting[4]	CPL13/xy 1" coupling[6]		DGCXD Charcoal gray
			DM19 1 at 90°	DM19MST_ 1 at 90°	NPL12/xy 1/2" threaded nipple[6]		DTCXD Tennis green
			DM28 2 at 180°	DM28MST_ 2 at 180°	NPL34/xy 3/4" threaded nipple[6]		DBRXD Bright red
			DM28 PL 2 at 180° with one side plugged	DM29MST_ 2 at 90°	NPL1/xy 1" threaded nipple[6]		DSBXD Steel blue
			DM29 2 at 90°	DM39MST_ 3 at 90°	EHKxy Extra handhole[7,8]		DDBTXD Textured dark bronze
			DM39 3 at 90°	DM49MST_ 4 at 90°			DBLBXD Textured black
			DM49 4 at 90°				DNATXD Textured natural aluminum
			CSA/OSA/RSX/AERO*/OMERO** HLA/KAA Drill mounting[4]		STLHHC Steel handhole cover (standard is plastic, finish is smooth)		DWHGXD Textured white
			DM19AS 1 at 90°		STLFBCJPC 2 Piece steel base cover (standard is plastic)		Other finishes
			DM28AS 2 at 180°		IC Interior coating[2]		GALV Galvanized finish
			DM29AS 2 at 90°		LJAB Less anchor bolts (Include when anchor bolts are not needed)		Architectural colors and special finishes
			DM39AS 3 at 90°		TP Tamper resistant handhole cover fasteners		Paint over Galvanized, RAL Colors, Custom Colors and Extended Warranty Finishes available.
			DM49AS 4 at 90°		NEC NEC 410.30 compliant gasketed handhole (Not UL Labeled)		
			RAD drill mounting[4]		UL UL listed with label (includes NEC compliant cover)		
			DM19RAD 1 at 90°		BAA Buy America(n) Act Compliant[3]		
			DM28RAD 2 at 180°				
			DM29RAD 2 at 90°				
			DM39RAD 3 at 90°				
			DM49RAD 4 at 90°				
			ESX Drill mounting[4]				
			DM19ESX 1 at 90°				
			DM28ESX 2 at 180°				
			DM29ESX 2 at 90°				
			DM39ESX 3 at 90°				
			DM49ESX 4 at 90°				

NOTES:
1. Handhole covers (HHC), full base covers (FBC) and top caps (TC) shipped separately. No need to call out in nomenclature. For additional parts please order as replacements.
2. Wall thickness will be signified with a "C" (11 Gauge) or a "G" (7-Gauge) in nomenclature. "C" - 0.120" | "G" - 0.179".
3. PT open top poles include top cap. When ordering tenon mounting and drill mounting for the same pole, follow this example: DM28AST_ The combination includes a required extra handhole.
4. Refer to the fixture spec sheet for the correct drilling template pattern and orientation compatibility.
5. All RAD drill mounts require a minimum top O.D. of 4".
6. Insert "1" or "2" to designate fixture size; e.g. DM19AST2.
7. On 4" and 5" poles, VG cannot be installed if provisions (EHH, FDL, NPL, CPL) are located higher than 2/3 of the pole's total height.
   Example: Pole height is 25ft, A provision cannot be placed above 16ft.
8. Specify location and orientation when ordering option.
   For"x": Specify the height above the base of pole in feet or feet and inches; separate feet and inches with a "-".
   Example: 3ft = 3 and 20ft 3in = 20-3
   For"y": Specify orientation from handhole (A,B,C,D).Refer to the Handhole Orientation diagram below.
   Example: 1/2" coupling at 3'3", orientated to C = CPL12/3-4C
9. Horizontal arm in 18" x 3-3/8" O.D. tenon standard, with radius curve providing 12" rise and 2-3/8" O.D. If ordering two horizontal arm at the same height, specify with HAxyy. *Example: HA2BBD*
10. FDL does not come with GFCI outlet or handhole cover. These must be supplied by contractor or electrician.
11. Combination of tenon-top and drill mount locations available; see Architectural Colors brochure linked here (Form No. 794.3).
12. Provides enhanced corrosion resistance.
13. Use when mill certifications are required.
14. Finish must be specified. Additional colors available; see Architectural Colors brochure linked here (Form No. 794.3). Lead times may be extended up to 2 weeks due to paint procurement.

Accessories: *Order as separate catalog number.*	
PL DT20	Plugs for ESX drillings
PL DT8	Plugs for DMxxAS drillings

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SSS Square Straight Steel Poles

TECHNICAL INFORMATION — EPA (ft²) with 1.3 gust

Catalog Number	Nominal Shaft Length (ft.)*	Pole Shaft Size (Base dim. x Top dim. x ft.)	Wall thick (in)	Gauge	EPA (ft²) with 1.3 gust 80 MPH	Max. weight	90 MPH	Max. weight	100 MPH	Max. weight	Bolt circle (in)	Bolt size (in. x in. x in.)	Approximate ship weight (lbs.)
SSS 10-4C	10	4.0 x 10.0	0.120"	11	30.6	765	23.8	595	18.9	473	8–9	3/4 x 18 x 3	75
SSS 12-4C	12	4.0 x 12.0	0.120"	11	24.4	610	18.8	470	14.8	370	8–9	3/4 x 18 x 3	90
SSS 14-4C	14	4.0 x 14.0	0.120"	11	19.9	498	15.3	378	11.7	293	8–9	3/4 x 18 x 3	100
SSS 16-4C	16	4.0 x 16.0	0.120"	11	15.9	398	11.8	295	8.9	223	8–9	3/4 x 18 x 3	115
SSS 18-4C	18	4.0 x 18.0	0.120"	11	12.6	315	9.2	230	6.7	168	8–9	3/4 x 18 x 3	125
SSS 20-4C	20	4.0 x 20.0	0.120"	11	9.6	240	6.7	167	4.5	150	8–9	3/4 x 18 x 3	140
SSS 20-4G	20	4.0 x 20.0	0.179"	7	14	350	11	275	8	200	8–9	3/4 x 30 x 3	198
SSS 20 5C	20	5.0 x 20.0	0.120"	11	17.7	443	12.7	343	9.4	235	10–12	1 x 36 x 4	185
SSS 20 5G	20	5.0 x 20.0	0.179"	7	28.1	703	21.4	535	16.2	405	10–12	1 x 36 x 4	265
SSS 25 4C	25	4.0 x 25.0	0.120"	11	4.8	150	2.6	100	1	50	8–9	3/4 x 18 x 3	170
SSS 25 4G	25	4.0 x 25.0	0.179"	7	10.8	270	7.7	188	5.4	135	8–9	3/4 x 30 x 3	245
SSS 25 5C	25	5.0 x 25.0	0.120"	11	9.8	245	6.3	157	3.7	150	10–12	1 x 36 x 4	225
SSS 25 5G	25	5.0 x 25.0	0.179"	7	16.5	463	11.3	333	9.5	238	10–12	1 x 36 x 4	360
SSS 30 4G	30	4.0 x 30.0	0.179"	7	6.7	168	4.4	110	2.6	65	8–9	3/4 x 30 x 3	295
SSS 30 5C	30	5.0 x 30.0	0.120"	11	4.7	150	2	50	–	–	10–12	1 x 36 x 4	265
SSS 30 5G	30	5.0 x 30.0	0.179"	7	10.7	267	6.7	167	3.9	100	10–12	1 x 36 x 4	380
SSS 30 6G	30	6.0 x 30.0	0.179"	7	19	475	13.2	330	9	225	11–13	1 x 36 x 4	520
SSS 35 5G	35	5.0 x 35.0	0.179"	7	5.9	150	2.5	100	–	–	10–12	1 x 36 x 4	440
SSS 35 6G	35	6.0 x 35.0	0.179"	7	12.4	310	7.6	190	4.2	105	11–13	1 x 36 x 4	540
SSS 39 6G	39	6.0 x 39.0	0.179"	7	7.2	180	3	75	–	–	11–13	1 x 36 x 4	605

NOTE: * EPA values are based HSCT 7-90 wind map. For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

TECHNICAL INFORMATION — EPA (ft²) WITH 3-SECOND GUST PER AASHTO 2013

Series	Mounting Height (ft)*	Shaft Base Size	90 MPH	Max. weight	100 MPH	Max. weight	110 MPH	Max. weight	120 MPH	Max. weight	130 MPH	Max. weight	140 MPH	Max. weight	150 MPH	Max. weight	Approximate ship weight (lbs.)
SSS	10	4C	20	500	16	400	13	325	10.5	263	8.5	213	7	175	6	150	75
SSS	12	4C	16	400	13	325	10	250	8	200	6.5	163	5	125	4	100	90
SSS	14	4C	13.5	338	10	250	7.5	188	6	150	4.5	113	3.5	88	2.5	63	100
SSS	16	4C	10.5	263	7.5	188	5.5	138	4	100	3	75	1.5	38	1	25	115
SSS	18	4C	8	200	5.5	138	4	100	2.5	63	1.5	38	0.5	13	–	–	125
SSS	18	4G	13	325	9.5	238	7	175	5	125	3.5	88	2.5	63	1.5	38	185
SSS	18	5C	13	325	9.5	238	6.5	163	4.5	113	3	75	1.5	38	.5	13	170
SSS	20	4C	6	150	4	100	2.5	63	1	25	–	–	–	–	–	–	140
SSS	20	4G	10.5	263	7.5	188	5.5	138	3.5	88	2	50	1	25	–	–	205
SSS	20	5C	10	250	7	175	4.5	113	2.5	63	1	25	–	–	–	–	185
SSS	20	5G	20	500	15	375	11.5	288	8.5	213	6	150	4.5	113	3	75	265
SSS	25	4C	2	50	0.5	13	–	–	–	–	–	–	–	–	–	–	170
SSS	25	4G	5.5	138	3	75	1.5	38	–	–	–	–	–	–	–	–	245
SSS	25	5C	4.5	113	2	50	–	–	–	–	–	–	–	–	–	–	225
SSS	25	5G	12	300	8.5	213	5.5	138	3	75	1.5	38	–	–	–	–	360
SSS	25	6G	19	475	13.5	338	9	225	5.5	138	3	75	1	25	–	–	445
SSS	30	4G	1.5	38	–	–	–	–	–	–	–	–	–	–	–	–	291
SSS	30	5C	–	–	–	–	–	–	–	–	–	–	–	–	–	–	265
SSS	30	5G	6.5	163	3.5	88	1	25	–	–	–	–	–	–	–	–	380
SSS	30	6G	11	275	6	150	2.5	63	–	–	–	–	–	–	–	–	520
SSS	35	5G	2	50	–	–	–	–	–	–	–	–	–	–	–	–	440
SSS	35	6G	4	100	–	–	–	–	–	–	–	–	–	–	–	–	540
SSS	39	6G	–	–	–	–	–	–	–	–	–	–	–	–	–	–	605

NOTE: AASHTO 2013 criteria is the most conservative existing EPA calculation. For poles not showing EPA values under AASHTO 2013, EPA values may exist under commercial criteria (see table above).
*For 1/2 ft increments, add -6 to the pole height. Ex: 20-6 equals 20ft 6in.

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'JJ' CUTSHEET (1 OF 1)

TYPE JJ

MEGA– model: CI-WS-W70612
Custom LED Exterior Sconce

MODERN FORMS A WAC LIGHTING COMPANY





Fixture Type: JJ

Catalog Number: WS-W70612-BK

Project: RAISING CANE'S

Location: EXTERIOR

PRODUCT DESCRIPTION
A purposeful asymmetrical wall mounted up or down light design brightly illuminates walkways and provides security with an attractive simple architectural form.

SPECIFICATIONS
Construction: Aluminum
Light Source: High output LED.
Finish: Black (BK)
Standards: ETL & cETL wet location listed IP 65. ADA compliant.

FEATURES
- Luminaire may be rotated 180° when mounting
- ADA compliant for, low profile design
- ETL & cETL wet location listed, IP65 rated
- Up or down light
- Dark Sky friendly
- Aluminum construction
- Full range dimming when used with compatible dimmers*
- Driver located in inside fixture
- Universal driver (120V-220V-277V)
- 60,000 hour rated life
- Color Temp: 3000K
- CRI: 90

ORDER NUMBER

Model	Height	Wattage	Voltage	LED Lumens	Delivered Lumens	Finish
CI-WS-W70612	*11"*	*25W*	*120V-220V-277V*	*845*	*610*	**BK** *Black*

Example: **CI-WS-W70612-BK**

* - Refer to dimmer compatibility report for more details.

modernforms.com
Phone (800) 526.2588
Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive
Port Washington, NY 11050

Central Distribution Center
1600 Distribution Ct
Lithia Springs, GA 30122

Western Distribution Center
1750 Archibald Avenue
Ontario, CA 91760

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. NOV 2017

'X' CUTSHEET (1 OF 1)

TUBE - model: FM-W26
LED Ceiling Mount

WAC LIGHTING
Responsible Lighting®



Fixture Type: X

Catalog Number: FM-W2605-BK

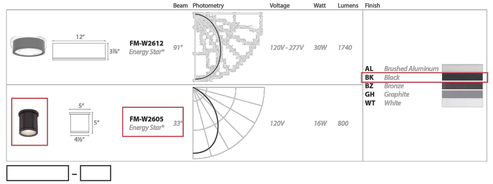
Project: RAISING CANE'S

Location: NATIONAL ACCOUNT SPEC

PRODUCT DESCRIPTION
Precise engineering using the latest energy efficient LED technology with a built-in reflector for superior optics; An appealing cylindrical profile with a powerful LED down light perfect for accent and wall wash lighting.

FEATURES
- Wall or Ceiling Mount
- IP65 Rated, ETL & cETL wet Location Listed
- Die-Cast Aluminum Construction
- Universal Voltage Input (120V - 277V)
- Dimming: ELV (120V) or 0-10V

SPECIFICATIONS
Construction: Aluminum with etched glass.
Power: Integral driver in luminaire. 120V - 277V input.
Light Source: High output LED
Mounting: Mounts directly to junction box
Dimming: 0-10V Dimming: 100%-10%
ELV Dimming: 100%-5% (120V only)
Finish: Brushed Aluminum (AL), Black (BK), Bronze (BZ), Graphite (GH), White (WT)
Color Temp: 3000K
CRI: 90
Rated Life: 70,000 hours
Standards: IP65 Rated, ETL & cETL Wet Location Listed



Example: **FM-W2612-GH**

WAC Lighting
www.waclighting.com
Phone (800) 526.2588 • Fax (800) 526.2585

Headquarters/Eastern Distribution Center
44 Harbor Park Drive • Port Washington, NY 11050
Phone (516) 515.5000 • Fax (516) 515.5050

Western Distribution Center
1750 Archibald Avenue • Ontario, CA 91760
Phone (800) 526.2588 • Fax (800) 526.2585

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. SEP 2017

CITY NOTES

1. LIGHT FIXTURES ARE DARK SKY CERTIFIED AND CONFORM TO RELEVANT STANDARDS ESTABLISHED BY INTERNATIONAL DARK SKY ASSOCIATION (IDA), THE DESIGN LIGHTS CONSORTIUM (DLC), OR EQUIVALENT.
2. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

GROUNDWATER / DEWATERING NOTE:

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-6207
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

KHA PROJECT	147793053
DATE	05/19/2026
SCALE	AS SHOWN
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

PHOTOMETRICS DETAILS

RAISING CANE'S RESTAURANT #1503

CITY OF GREENACRES FL

SHEET NUMBER
P-100

NOT FOR CONSTRUCTION - FOR PERMIT ONLY

Plotted By: Jones, Rahja Sheet Set: C1503 - MILITARY TRAIL & LAKE WORTH Layout: P-101 PHOTOMETRIC DETAILS May 18, 2026 04:33:45pm K:\FTL_Civil\147p\dist\147793053 - Raising Cane's - C1503 - Military Trail & Lake Worth\CAD\PlanSheets\P-PHOTOMETRICS PLAN & DETAILS.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

'GG' CUTSHEET (1 OF 1)

VWB315
Custom Build

FULL NAME:	COMPANY:
EMAIL:	PROJECT:

VWB315 - VWB315

Finish: Standard finish is textured natural aluminum.Globe: Threaded for easy lamp replacement. Approvals: Listed with Underwriters Laboratories for wet locations. C-UL listed for Canada.



SHADE COLOR (EXTERIOR)
GO (Black)

LVXV1-1250-30K-0-10V - LVXV1 - 1250LM, 10W

LED: Bridgelux Vero SE 18 SeriesLumen: 1250;10W;Kelvin: 27, 30, 35, 40, 50K StandardCRI: 90CRIDriver: AC Electronics, 120/277V, 0-10V Dimming down to 5%Dimming: 0-10V, 5%Voltage: 120 - 277VACInstall: Driver goes inside fixture.Certification: cULus - Fixture manufactured to UL Standards 1598 & 87500-10v dimming must be specified in part number and on PO



DIMMING	KELVIN
0-10V (0-10V Dimming)	30K (30K)

41 - 41 - CLEAR

Max. INC - 150W, HID - 175W, CFL - 32WMaterial: Glass



G - GUARD FOR 15 VAPORTIGHT

CAST GUARD FINISH
GO (Black)



PART NUMBER: **VWB315-EG0 / LVXV1-1250-30K-0-10V / 41 / G-G0**

Bock Lighting
2476 EDISON BLVD, TWINSBURG, OHIO 44087 USA
TEL: +1 (216) 912-7050 FAX: +1 (216) 912-7051

'R' CUTSHEET (1 OF 1)



TYPE R

Wattage & Color Temperature SELECTABLE

T633LEDB
SMALL LED FULL CUT-OFF WALL PACK

JOB INFORMATION
Type:
Catalog No:
Project Name:
Comments:
Prepared by:

T633LEDB

FEATURES

USE OF PRODUCT
The intended use of this product is for any outdoor commercial or industrial building accent, pedestrian walkways, public access areas, or recreation areas.

HOUSING
Rugged die cast aluminum housing with hinged frame. 1/2" Coin plugs with O-rings for conduit & photocell.

FINISH
Matt-finished, architectural bronze powdercoat over a precise chromate conversion coating. Available in standard dark polyester bronze or consult factory for made to order architectural finishes.

OPTICS
Tempered UV coated flat lens provide outstanding performance, uniformity, and glare control.

LED
LED engine available in 3500K, 4000K, 5000K. Color temperature may be modified in field or preset by factory. LED Mounted to aluminum heat sink for maximum life output and thermal management.

DRIVER
Durable and long lasting LED driver operates at 120-277V and boasts a 90% power factor at 50 to 60 Hz with 0-10V Dimming Constant Current. Fixture available in two packages, L51 (1300, 2600, 3900, 5200lm) & L53 (2900, 7800, 11700, 15600lm). Watts may be modified in field or preset by factory available upon request -30°C Min Temp. 45°C Max Temp.

MOUNTING
Cast-in template for mounting directly over a 4" recessed outlet box or 1/2" surface conduit.

LISTINGS/COMPLIANCE
- DLC.
- UL - Listed for wet location.
- Dark Sky Compliant
- CEC compliant emergency driver.

PERFORMANCE DATA

Wattage	Delivered Lumens	Voltage	CRI
10W	1300lm	120-277V	70
20W	2600lm	120-277V	70
30W	3900lm	120-277V	70
40W	5200lm	120-277V	70

130 lm/ per watt

Wattage	Delivered Lumens	Voltage	CRI
30W	3900lm	120-277V	70
60W	7800lm	120-277V	70
90W	11700lm	120-277V	70
120W	15600lm	120-277V	70

130 lm/ per watt

ORDERING INFO

SERIES	WATT/LUMENS	VOLTAGE	COLOR TEMPERATURE	OPTICS	FINISH	OPTIONS
T633LEDB	WS4 - Wattage Selectable (10W, 20W, 30W, 40W) 10W - Lumens set at 10W 20W - Lumens set at 20W 30W - Lumens set at 30W 40W - Lumens set at 40W WS12 - Wattage Selectable (30W, 60W, 90W, 120W) 30W - Lumens set at 30W 60W - Lumens set at 60W 90W - Lumens set at 90W 120W - Lumens set at 120W	UNV - 120V-277V	CTS - Color Temperature Selectable (3000K, 4000K, 5000K) 30K - Color Temp. set at 3000K 40K - Color Temp. set at 4000K 50K - Color temp. set at 5000K	T3 - Type 3	BZ - Bronze *MTO - Made to order MGTO - Marine grade made to order	PC - Photocell 120-277V EM - Emergency battery MW - Microwave Motion sensor MSI - Standard PIR (Integral)motion sensor MFI - FSP311 PIR (Integral)motion sensor SP10 - Surge protector

RAYON LIGHTING
RAYON LIGHTING GROUP, INC. RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.
1517 N. ALHAMBRA ST. COMPTON CA 90222 | TEL 323.446.2626 | FAX 323.446.2606 | WWW.RAYONLIGHTING.COM

'S2' CUTSHEET (1 OF 2)

Catalog # : Project : Type :
Prepared By : Date :

Scottsdale® Legacy (CRUS)

LED Canopy Luminaire

IP66



OVERVIEW	
Lumen Package (lm)	5,000 - 22,000
Wattage Range (W)	38 - 152
Efficacy Range (LPW)	114 -156
Weight lbs (kg)	23 (10.4)

QUICK LINKS
Ordering Guide | Performance | Photometrics | Dimensions

FEATURES & SPECIFICATIONS

Construction
- Features a ultra-slim 11/16" profile die-cast housing, with flat clear or diffused tempered glass lens. Unit is water-resistant, sealed and IP66 rated. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.
- Standard color is white and is finished with LSI's DuraGrip® polyester powder coat process. DuraGrip withstands extreme weather changes without cracking or peeling.
- Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

Optical System
- Features an array of select, mid-power, high brightness, high efficiency LED: 3000K, 4000K, 5000K color temperature, 80 CRI (nominal).
- Choice of Symmetric or Asymmetric distribution. Asymmetric provides a wider distribution pattern. Optional symmetric with diffused lens also available.
- Forward Throw distribution provides an industry leading unique distribution pattern that illuminates the area under the gas canopy and beyond. The forward through optic directs the light to the forecourt from the gas canopy eliminating the need for supplemental floodlights and extensive perimeter lighting.
- Diffuse lens available as an option to soften brightness of the luminaire.
- Six Lumen Packages: 5,000, 9,000, 10,000, 13,000, 18,000 and 22,000 Lumens.

Electrical
- High performance factory programmable driver features over-voltage, under voltage, short-circuit and over temperature protection with integral 6kV surge protection that meets IEEE C62.41.2 and ANSI C82.77-5 Location Category C Low standards. Additional field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/ IEEE C62.41.2). Custom lumen and wattage packages available.
- Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming supplied standard with all drive currents.
- Die-cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and acts as the primary heatsink ensuring cool operation of internal components for longer life. Seals to optical housing via one-piece molded silicone gasket.
- Universal voltage power supply, 120-277 VAC, 50/60 HZ and 347-480 VAC, 50/60 HZ input.
- -40°C to 55°C (-40°F to 131°F) ambient operating temperature. (Varies based on lumen package and mounting style see performance data for specifics.)
- Minimum 60,000 to 100,000 hours depending upon the ambient temperature of the installation location (see performance data for specifics.)

Hazardous Location
- Designed for lighter than air fuel applications. Product is suitable for Class 1 Divisions 2 only when properly installed per LSI installation instructions. See lsicorp.com for specific guidance. Not available on SLW.

Installation
- One-person installation.
- Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit.
- Retro panels are available for existing Encores as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

Warranty
- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings
- UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Meets Buy American Act requirements.
- IDA compliant with 3000K or lower color temperature.

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • (513) 372-3200 • www.lsicorp.com
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'S2' CUTSHEET (2 OF 2)

Scottsdale® Legacy (CRUS) LED Canopy Luminaire

Type :

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

Back to Quick Links

TYPICAL ORDER EXAMPLE: CRUS SCFT LED VHO 50 UE WHT DFL

Prefix	Distribution	Light Source	Driver	Color Temperature	Input Voltage	Finish	Options[4]
CRUS - LED Canopy Luminaire	SC - Symmetric AC[1] - Asymmetric SCFT - Combination Standard Symmetric and Forward Throw	LED	SLW - 5,000 Lumens VLW - 9,000 Lumens EW - 13,000 Lumens SS - 13,000 Lumens HO - 19,000 Lumens VHO - 22,000 Lumens[2] Custom Lumen Packages[3] VHO - 22,000 Lumens	30 - 3000K 40 - 4000K 50 - 5000K	UE - Universal Voltage (120 - 277V) HV - High Voltage (347 - 480V)	WHT - White BRZ - Bronze BLK - Black	HL[5] - Hazardous location DFL - Diffuse Lens

Need more information? Click here for our glossary

Have additional questions? Call us at (800) 436-7800

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Order Number	Description
525946	Retrofit Panels - EC / ECTA / SCF to CRUS, for 16" Deck Panel
530281	Retrofit Panels - ECTA / SCF to CRUS, for 12" Deck Panel
357282	Retrofit 2x2 Cover Panel Blank (no holes)

*Consists of (25) 7/8" hole plugs, (100) 5/16" hole plugs and (1) tube of RTV

Order Number	Description
354702	Retrofit RC Cover Panel Blank (no holes)
1329540	Kit - Hole Plugs and Silicone (enough for 25 retrofits)*

1 AC distribution utilizes a reflector which alters the look from a standard 'S' distribution.
2 FI distribution option only available with VHO 22,000 lumen package.
3 Custom lumen and wattage packages available consult factory Values are within industry standard tolerances but not DLC listed.
4 Not available with SCFT.
5 Not available on SLW.

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'S1' CUTSHEET (1 OF 1)

LITHONIA LIGHTING®

Catalog Number
Notes
Type

LDN6SQ



6" Square Open
Non-IC
New Construction Downlight

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.
CONSTRUCTION — Durable square metal reflectors retained by torsion springs.
Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches.
Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (#14 in 4 out), No. 12 AWG conductors, rated for 90°C.
Accommodates 12"-24" joist spacing.
Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.
Max ceiling thickness 1-1/2".
OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum.
LED light source concealed with diffusing optical lens.
General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.
Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.
Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes.
ELECTRICAL — Multi-volt (120-277V, 50/60Hz) eldoLED 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.
0-10V dimming fixture requires two (2) additional low voltage wires to be pulled.
70% lumen maintenance at 50,000 hours.
LISTINGS — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional). ENERGY STAR® certified product.
WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

A+ Capable options indicated by this color background.

ORDERING INFORMATION Lead times will vary depending on options selected. Consult with your sales representative. **Example:** LDN6SQ 35/15 L56AR LSS MVOLT EZ1

LDN6SQ						
Series	Color temperature	Lumens[1]	Aperture/Trim Color			Finish
LDN6SQ 6" square	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K	05 500 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens 25 2500 lumens 30 3000 lumens 40 4000 lumens 50 5000 lumens	L56 Downlight LSWR6 Wallwash	AR Clear WR[2] White BR[2] Black		LSS Semi-specular LD Matte diffuse LS Specular

Voltage	Driver	Options		
MVOLT Multi-volt 120 120V 277 277V 347[3] 347V	EZ10 eldoLED 10% 0-10V EZ1 eldoLED 1% 0-10V	SF[4] Single fuse TRW[4] White painted flange TRBL[4] Black painted flange EL Battery pack with integral test switch ELR Battery pack with remote test switch NPS80EZ[5] nLight® dimming pack controls 0-10V eldoLED drivers. NPS80LEZ[5] nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit.	HAO[7] High ambient option CP Chicago Plenum WL Wet location RRL_____ RELOC™ ready luminaire connectors enable a simple and consistent factory installed option across all ARL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC125. USPOM US point of manufacture	

Notes
1 Overall height varies based on lumen package; refer to dimensional chart on page 3.
2 Not available with finishes.
3 Not available with emergency options.
4 120V only.
5 Available with clear (AR) reflector only.
6 Must specify voltage 120V or 277V.
7 Fixture height is 6.5" for all lumen packages with HAO.

'B' CUTSHEET (1 OF 2)

LEDALUX® EasyLED Full Cutoff Bollard EZ SPEC

L70 25°C 147,000 Hours

CATALOG NUMBER:
NOTES:
FIXTURE TYPE:
PROJECT:



Shown with "SS" Sensor



Shown with GFCI

B5OQF
Full Cutoff Bollard with 360° Distribution

B5HQF
Full Cutoff Bollard with 180° Shield



DIMENSIONS	
Diameter (D)	4¾" (120mm)
Height (A)	40⅝" (1019mm)

FEATURES

Housing:
Extruded Aluminum Housing with Flush Mounting Base, Flat Top. Bollards Can Be Cut to Custom Lengths Upon Request.

Listing & Ratings:
ETL: Listed for Wet Locations, ANSI/UL 1598, 8750 IP66 Sealed LED Compartment.

Finish:
Textured Architectural Bronze or Black Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Styles:
360° Light Distribution, 120° Shield or 180° Shield

Lens:
Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens

Mounting Options:
Mounting Kit with 8" Zinc-Plated Anchor Bolts, Included.

EasyLED LED:
Aluminum Boards

Wattage:
360° Arrays: 12w & 16.6w, System: 12.9w & 18.9w
180° & 120° Arrays: 10w & 15.5w, System: 11.2w & 17w; (70w HID Equivalent)

Driver:
Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Micro-amps.

Controls:
Fixtures Ordered with Factory-Installed Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEDalux Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:
5-Year Warranty for -40°C to +50°C Environment.
See Page 2 for Projected Lumen Maintenance Table.

PRODUCT DESCRIPTION

The Full Cutoff Bollards with choice of optics are designed to replace HID lighting systems up to 70w MH or HPS. These fixtures are ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities.

ORDERING INFORMATION EXAMPLE: B5OQF1X17-U-4K-C-Z-30-SP

Model	Driver	CCT	Lens	Color	Height	Options
B5OQF1X12=Full Cutoff Bollard - 360°, 12w B5OQF1X17=Full Cutoff Bollard - 360°, 17w B5TQF1X10=Full Cutoff Bollard with 120° Shield, 10w B5TQF1X16=Full Cutoff Bollard with 120° Shield, 16w B5HQF1X10=Full Cutoff Bollard with 180° Shield, 10w B5HQF1X16=Full Cutoff Bollard with 180° Shield, 16w	U=120-277V	3K=3000K 4K=4000K 5K=5000K	C= Clear UV-Stabilized Polycarbonate Vandal-Resistant Lens	Z=Bronze B=Black C=Custom (Consult Factory)	(Leave Blank)= 40 1/8" Standard Height 30=30" Height	SF= Single Fuse (120-277V Only) DF= Double Fuse (120-277V Only) SP= Surge Protection GFI= GFCI Outlet, 15A, 120V SS= Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P1712S Spec Page for Details.

'B' CUTSHEET (2 OF 2)

LEDALUX® EasyLED Full Cutoff Bollard EZ SPEC

L70 25°C 147,000 Hours

ACCESSORIES & REPLACEMENT PARTS

Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
BREBASE* Bollard Retrofit Base Kit Adapts New Bollards to Most Existing Bolt Patterns. Fits all LEPG Round Pole Cast with Powdercoat Finish. Hardware Included. 11¾" Dia. x 1¼" H. *Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)	P1712S Remote Programming Tool for P1712S	P1712S Internal Microwave Sensor with Dimming & Remote Programming, 120-277V Only. See P1712S Spec Page for Details. BOADP1 Adapter Plate with Gaskets for Outlet Boxes. Fits LEPG Round Bollards. Die Cast with Bronze Powdercoat Finish.



BREBASE*
*Shown Mounted

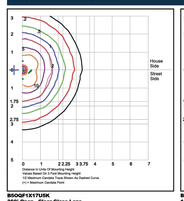


P1712S

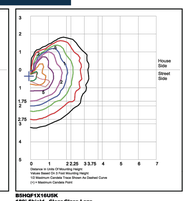


P1712S BOADP1

PHOTOMETRIC DATA



B5OQF1X17U5K
360° Open - Clear Glass Lens
Grid in feet, Mounting Height = 3 ft



B5HQF1X14U5K
180° Shield - Clear Glass Lens
Grid in feet, Mounting Height = 3 ft

PHOTOMETRIC PERFORMANCE

Optic	Wattage (Catalog Logic)	12W (1X12)	17W (1X17)
	Input Watts	12.9W	18.1W
	CCT	Delivered Lumens	
360° B5O Models F=Type V Optic	3000K	479	671
	4000K	520	728
	5000K	541	758
	BUG Rating	B0-U1-G0	B1-U2-G0

Optic	Wattage (Catalog Logic)	10W (1X10)	16W (1X16)
	Input Watts	11.2W	17W
	CCT	Delivered Lumens	
180° B5H Models F=Type V Optic	3000K	338	508
	4000K	362	528
	5000K	366	549
	BUG Rating	B0-U1-G0	B0-U1-G0

PROJECTED LUMEN MAINTENANCE

Data shown for 4000 CCT		Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	All wattages up to and including 16w	1.00	0.95	0.90	0.80	147,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.89	0.78	0.55	67,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.92	0.85	0.70	66,000

NOTES:
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

CITY NOTES

1. LIGHT FIXTURES ARE DARK SKY CERTIFIED AND CONFORM TO RELEVANT STANDARDS ESTABLISHED BY INTERNATIONAL DARK SKY ASSOCIATION (IDA), THE DESIGN LIGHTS CONSORTIUM (DLC), OR EQUIVALENT.
2. ALL OUTDOOR LIGHTING SHALL BE SHIELDED TO PREVENT GLARE AND SHALL BE ARRANGED TO REFLECT LIGHT OR GLARE AWAY FROM ANY STREET RIGHT-OF-WAY OR ADJACENT PROPERTY.

GROUNDWATER / DEWATERING NOTE:
THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR THIS ISSUE. WHEN PERFORMING GRADING OPERATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.

811 Know what's below. Call before you dig.
WUD#26-510

CAUTION!!
CONTRACTOR IS TO VERIFY PRESENCE AND EXACT LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.

No.	REVISIONS	DATE	BY
1	CITY COMMENTS & RESUBMITTAL	12/05/2025	KH

Kimley»Horn
© 2026 KIMLEY-HORN AND ASSOCIATES, INC.
8201 PETERS ROAD, SUITE 2200, PLANTATION, FL 33324
PHONE: 954-535-5100 FAX: 954-739-2247
WWW.KIMLEY-HORN.COM REGISTRY No. 35106

JOHN L. CORDASCO LICENSE No. 95063 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been digitally signed and sealed by John L. Cordasco, P.E. on the date adjacent to the seal.
Signature must be verified on any electronic copies.

KHA PROJECT 147793053
DATE 05/19/2026
SCALE AS SHOWN

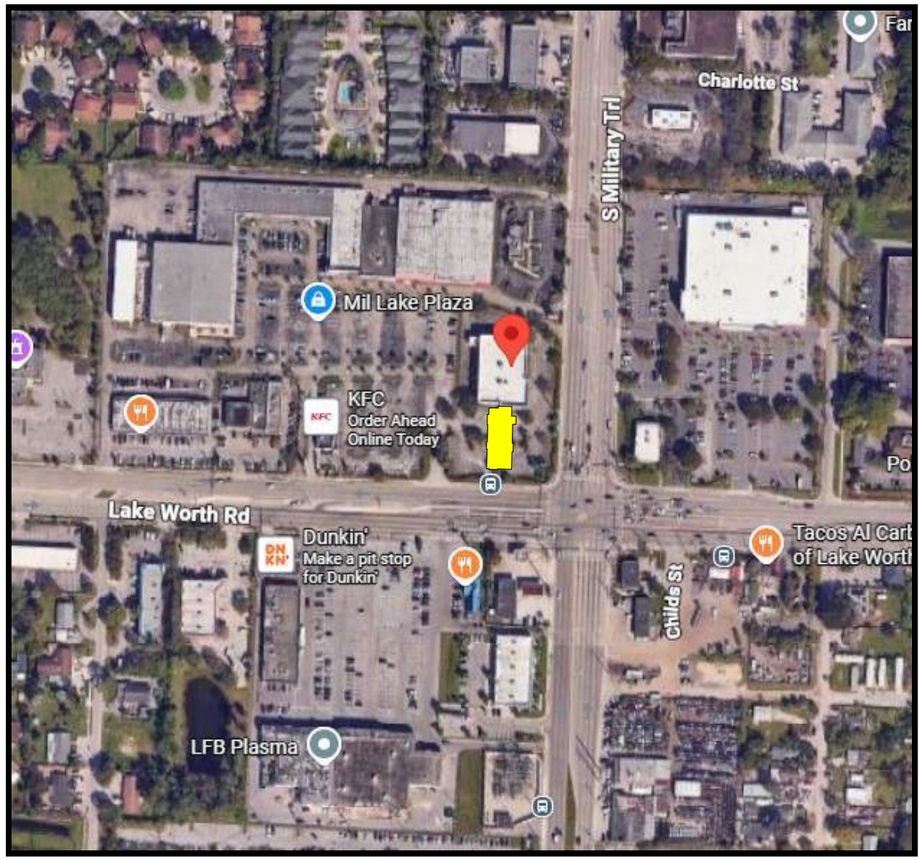
DESIGNED BY	BVT
DRAWN BY	BVT
CHECKED BY	JLC

PHOTOMETRICS DETAILS

RAISING CANE'S RESTAURANT #1503
CITY OF GREENACRES FL

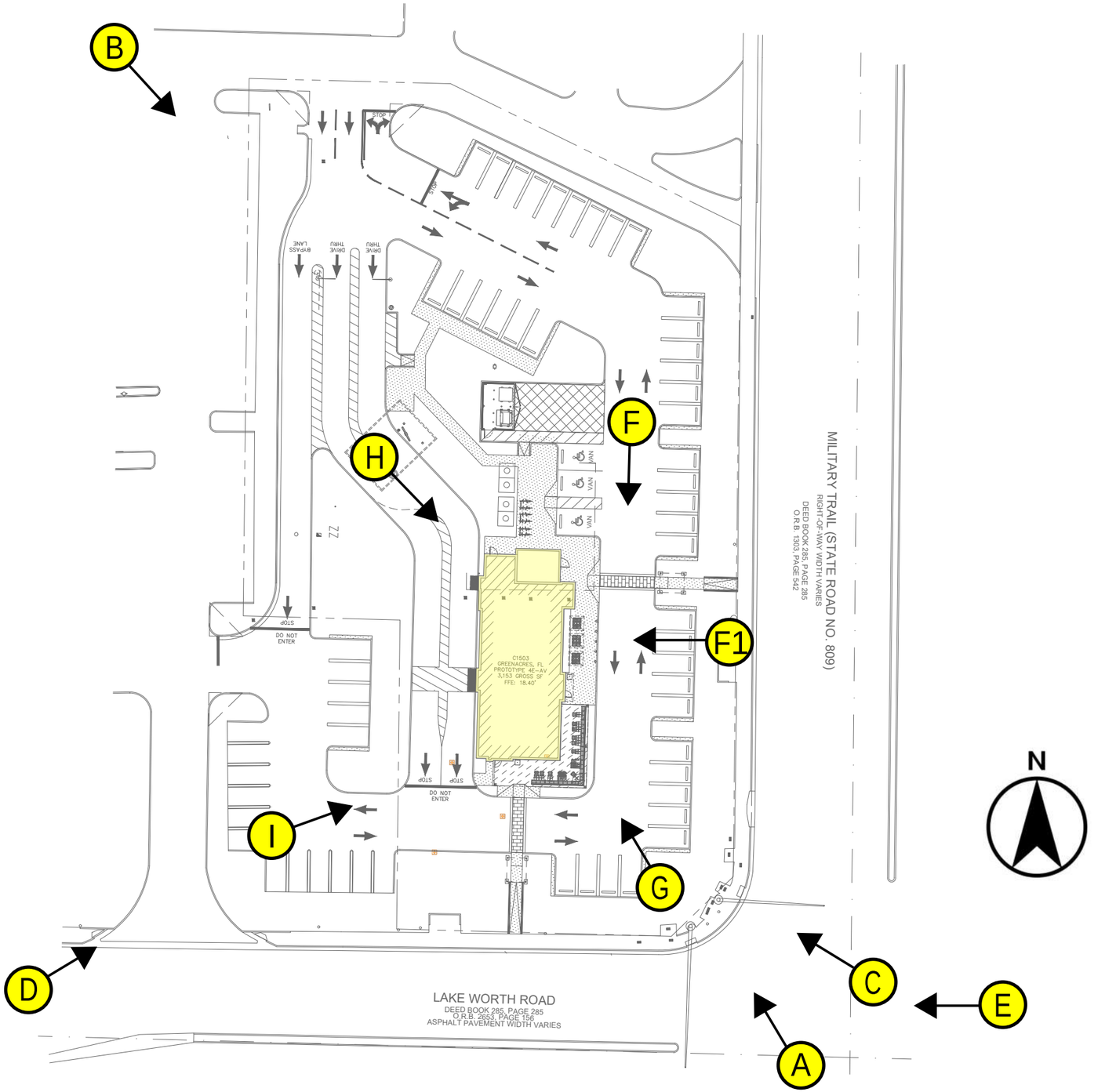
SHEET NUMBER
P-101

CORNER OF LAKE WORTH RD & S MILITARY TRL
GREENACRES, FL



VICINITY MAP

PHOTO KEYPLAN





A BIRD'S EYEVIEW OF SITE FROM INTERSECTION OF S MILITARY AND LAKE WORTH RD



B BIRD'S EYEVIEW OF SITE FROM REAR, NORTHWEST CORNER OF SITE



C VEHICULAR VIEW OF SITE FROM INTERSECTION OF S MILITARY AND LAKE WORTH RD



D EASTBOUND VEHICULAR VIEW OF SITE FROM LAKE WORTH RD



E SOUTHBOUND VEHICULAR VIEW OF SITE FROM S MILITARY



F NORTHEAST VIEW



F1 EAST VIEW



G SOUTHEAST VIEW



H NORTHWEST VIEW



I SOUTHWEST VIEW

Item Summary

Meeting Date: June 15, 2026

From: Michele Thompson, Director

Subject: **Resolution No. 2026-27:** Approving the Greenacres Parks and Recreation Master Plan; authorizing the appropriate City Officials to effectuate the plan and execute future park projects; and providing for an effective date. - Michele Thompson, Community and Recreation Services Director, Tricia Richter, Alexandra Bogenrief, and Hadley Peterson of Kimley-Horn.

Background

City of Greenacres Master Plan

Analysis

Parks Master Plan

Financial Information

Legal

Staff Recommendation

Approve Resolution 2026-27

Attachments:

1. Resolution 2026-27 Parks and Recreation Master Plan
2. PRMP Item Summary Resolution No. 2026-27 (002) (1)

RESOLUTION NO. 2026-27

A RESOLUTION ADOPTED BY THE CITY COUNCIL OF THE CITY OF GREENACRES, FLORIDA, APPROVING THE GREENACRES PARKS AND RECREATION MASTER PLAN; AND AUTHORIZING THE APPROPRIATE CITY OFFICIALS TO EFFECTUATE THE PLAN AND EXECUTE FUTURE PARK PROJECTS; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, in Fiscal Year 2026 the City Council approved the Capital Improvement Project budget that included the implementation of the city's first Parks and Recreation Master Plan, a ten-year document that analyzes, compares, and addresses parks, trails, and open space acreage, population, sustainability, connectivity, park facilities, equipment, amenities, national trends, improvements, and programming needs;

WHEREAS, with the assistance from Kimley-Horn, the awarded city consultant firm, the public and city staff developed a ten-year plan for the city parks system that will hopefully improve the quality of life for residents, improve physical activity, connectivity, and accessibility to complement the City's Safe Streets for All Action Plan; and

WHEREAS, the City of Greenacres' Community & Recreation Services Department, the Public Works Department, and the Development & Neighborhood Services Department is committed to utilizing the plan's data, analysis, and conceptual park plans to develop and execute short, medium, and long-term park renovation projects reflective of community input received through stakeholder interviews, focus groups, workshops, an open house, and community surveys.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GREENACRES, FLORIDA, THAT:

SECTION 1. The City Council hereby approves, adopts, and endorses the Parks and Recreation Master Plan.

SECTION 2. The City Council authorizes the appropriate City officials to develop, execute, and find funding for park renovations and new park projects.

SECTION 3. The City Council hereby approves the Greenacres Park and Recreation Master Plan, as well as finding grant subsidy and funding for the future park and park connectivity improvement costs.

SECTION 4. This Resolution shall become effective immediately upon adoption.

RESOLVED AND ADOPTED this 15th of day of June 2026

Chuck Shaw, Mayor

Voted:

John Tharp, Deputy Mayor, *District I*

Attest:

Quintella Moorer, City Clerk

Voted:

Peter Noble, Council Member, *District II*

Voted:

Judith Dugo, Council Member*, District III*

Voted:

Susy Diaz, Council Member, *District IV*

Voted:

Elisa Leheny, Council Member*, District V*

Approved as to Form and Legal Sufficiency:

Glen J. Torcivia, City Attorney

ITEM SUMMARY

MEETING DATE: June 15, 2026

FROM: Michele Thompson, Director, Community & Recreation Services Department

SUBJECT: Ordinance No. 2026-27 - Park and Recreation Master Plan

BACKGROUND

The FY26 budget included a Capital Improvement Project in the 303 Fund for the city's first Parks and Recreation Master Plan. The project was awarded to Kimley-Horn consultants and began in August. The plan has been designed to guide park investments for renovations, facilities, trails, programming, and open space for the next ten years and has been developed through community input, surveys, focus groups, staff feedback, and stakeholder involvement.

ANALYSIS

The plan outlines a phased approach, provides data, analysis, a 10-year project and cost matrix for all 14 city parks proposed by short, medium, and long-term projects, funding resources, and provides the city with four (4) conceptual plans for city park renovation and new construction projects at; SJF Community Park, Ira Van Bullock Park and Friends Park, Bowman Park, and Veterans Park

Ordinance No. 2026-27 outlines the request for approval, support, and adoption of the Park and Recreation Master Plan.

FINANCIAL INFORMATION

The plan outlines project costs totaling $15,420,000, plus additional operations and maintenance expenditures of $540,246. The four (4) conceptual park plans totals $9,568,000. City Council recommendation is requested to determine project priority as well as preferred methods of funding, such as Capital Improvement Project funding, grant funding, a bond referendum, or a combination of funding sources.

LEGAL

The proposed Ordinance No. 2026-27 has been prepared in accordance with the applicable State Statues and City Code Requirements. It has been reviewed by the City Attorney and all supporting documents for legal sufficiency and compliance.

STAFF RECOMMENDATION

Staff recommends the approval of Ordinance No. 2026-27 adopting the Parks and Recreation Master Plan and approving city staff to execute the plan for future park renovation projects.

Department Report

Meeting Date: June 15, 2026

From: Marise Aviles, admin

Subject: Community Recreation Services Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. May Department Report

Department Report

MEETING DATE: June 15, 2026

FROM: Michele Thompson, Director, Community & Recreation Services

SUBJECT: Community & Recreation Services Dept. – May Report

ADMINISTRATION

PERFORMANCE MEASUREMENT	THIS PERIOD	FY 2026 TO DATE	FY 2026 BUDGET
No. of Contracts Executed/Renewed	1	4	4
No. of Collaborative Partnerships/Opportunities	5	66	50
No. of Vendor/Independent Contractor Agreements	8	68	61
No. of Educational Scholarship Applications R'cd	-	25	25
No. of Community Events Coordinated	1	9	14
No. of Event Participants	2,000	19,564	36,000
No. of Little Free Libraries (LFL) *Replacement Units / #*Story Walk* Boards	#1	30/4	30/2
No. of Business Sponsorships	8	14	20
No. of Schools/Attendance for "Read for the Record"	-	10/1,025	18/1,500

FACILITY RENTALS

FACILITY RENTALS	THIS PERIOD	FY 2026 TO DATE	FY 2026 BUDGET
Fields/Concession Stands	87	513	750
Pavilions	27	193	500
Center Facility	88[1]	420[1]	750
Monthly Center Attendance	2,588	24,194	52,000

132[1] Additional Free Rentals: **62** Gym: Open Gym/YP/Tai Chi/OAP; **10** Banquet Hall: Ballroom/PBSO/Fire Rescue/YP/HOA Meetings; **21** Room 1; OAP; **6** Room 2: Spotlighters/AARP/Fire Rescue; **0** Room 3; **15** Room 4: ESOL/Small Business Workshop/OAP Counseling/YP; **18** Freedom Park: Youth Soccer League

TOTAL DEPARTMENT REVENUE

FACILITY RENTALS REVENUE	THIS PERIOD	FY 2026 TO DATE	FY 2025 PROJECTED
Total Revenue Generated	$29,738.90	$308,054.48	$344,000

ATHLETICS

YOUTH ATHLETICS	THIS PERIOD	FY 2026 TO DATE	FY 2026 PROJECTED
FY26 Co-ed Fall Soccer (10/19/25-12/5/25) • Registration Period 8/1/25 – 9/19/25	-	255	280
FY26 Co-ed Winter Basketball (12/1/25-3/6/26) • Registration Period 9/2/25 – 10/30/25	-	157	160
FY26 Co-ed Spring Soccer (2/23/26-5/15/26) • Registration Period 1/5/26 – 2/20/26	-	239	280
Co-ed Basketball Skill Development Program • 8-week session: 4/2/26 - 5/21/26 (Thurs.) • Registration Period 2/12/26 - 3/19/26	-	55	100
Co-ed Summer Basketball Skills Camp • Camp Week: 7/20/26 – 7/23/26 • Registration Period 5/18/26/ - 6/30/26	6	6	40

FOOD DISTRIBUTION	NO. SERVED
Restoration Bridge, Int. – Nov. 12th @ City Hall	1,000
House of Grace – Dec. 20th @ City Hall (w/ toy drive)	467
Restoration Bridge, Int. - May 1st @ Community Center	1,219

OLDER ADULT PROGRAMS

SOCIAL ACTIVITIES	PARTNERS/SPONSORS	NO. OF PARTICIPANTS YTD
Daily Meal Program; Zumba Games/Bingo; Special Events; Educational Sessions Mon. - Fri. (5 x 30)	Area on Aging; Health Sun; PR2U; Firebush; Zumba; Humana; Dedicated Senior Medical; Doctors Choice; Universal Coaching; U of M Trip to Morikami Museum Monthly In-kind Services Provided = $840	2,193

FY26 EVENTS & SPONSORSHIPS

EVENTS	SPONSORS/PARTNERS	FY 2026 EXPENSE	FY 2026 ACTUAL	FY2026 ATTENDEES
Trunk or Treat	PBSO	N/A	N/A	4,000
FR Pancake Breakfast w/Santa 12/7/25	GAFR	-	-	800
HIP & 100th Kick-off (Fri & Sat), 12/12-12/13/25	Waste Management The Glasser Family	$38,055	48,914	7,000
Sundaes with Santa 12/19/25	The Glasser Family	$3,044	$2,643	52
Daddy/Daughter Dance 2/7/26	The Glasser Family	$9,337	$3,621	95
Sunday Sounds (1st Concert) 2/22/26	The Glasser Family	$8,048	$10,000	450
FR Chili Cook-Off 3/1/26	GAFR The Glasser Family	$7,665	$7,547	2,500+
Eggs'stravaganza 4/4/26	The Glasser Family; WM; Tapatia; State Farm	$28,196	$23,544	4,500+
100th Birthday Bash 5/24/26	Burger King; Greenacres Bowl; The Glasser's; Pinecrest Bakery; Auto Nation; WM; UHC; Gehring Group; Adolphe Law Group; IAFF Local 2928; iThink Financial	$22,377	$24,829	2,000
Ignite the Night 7/4/26	WM; FPL; the Glasser Family	$83,048		
Back-2-School Drive 7/24/26		$8,292		
Senior Resource Fair 9/27/26		$500		
Sunday Sounds (3rd Concert) 9/27/26		$8,048		

FY26 Event Actuals = Direct + In-direct – Event Sponsors & Revenues

Department Report

Meeting Date: June 15, 2026

From:

Subject: Development and Neighborhood Services Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. DNS May Dept Report

Department Report

MEETING DATE: June 15, 2026

FROM: Denise Malone, AICP, Development & Neighborhood Services Director

SUBJECT: May 1, 2026, through May 31, 2026

Development & Neighborhood Services Department

My Government Online Software (MGO)
Implementation continued for the new MGO software online platform to replace the New World and Energov modules. MGO Permitting, contractor registration, business tax receipts, and code compliance modules are actively being used. The remaining module for planning and zoning is anticipated to be active and in use the upcoming couple of months.

Planning, GIS, & Engineering Division

NEW CASES

Canalakes Homeowners Association – 3107 Poolside Drive (PUD-80-01F)
A request for a Minor Planned Unit Development Amendment (PUD-80-01F) to replace the spa (hot tub) with a splash pad. (Application under review by Staff.)

Pep Boys – 4690 Lake Worth Road (SE-84-03A)
A request for a Minor Special Exception (SE-84-03A) request to modify the hours of operation. (Application under review by Staff.)

Talented Teen Club - 305 Swain Boulevard (SP-26-01)
A request for a Minor Site Plan Amendment to add a new 500 square foot pre-fab building on the property to support existing operations. (Application under review by Staff.)

CURRENT PLANNING CASES

Boatman Landings – 4656 Boatman Street (ANX-25-01, CPA-26-01, ZC-26-01, SP-25-03, MSP-25-04, and PLT-26-01)
A request for a voluntary Annexation of the subject property from Unincorporated Palm Beach County into the City of Greenacres (ANX-25-02), a Small-Scale Future Land Use Map Amendment changing the Future Land Use designation of the subject property from County MR-5 Residential Medium Density Residential to City Residential Medium Density (RS-MD) (CPA-26-01), a Rezoning of the subject property from County RM-Multifamily Medium Density to City Residential Medium Density (RM-2) (ZC-26-01), a Site and

Development Plan (SP-25-03), a Master Sign Plan (MSP-25-04), and a Preliminary Plat (PLT-26-01) to allow the development and subdivision of the ±1.07-acre parcel located at the southwest corner of Boatman Street and Nyack Lane into a seven (7) unit townhouse development. (Heard at DRC Meeting on April 16, 2026; Applicant has requested a Time Extension to July 29, 2026.)

Buttonwood Plaza Master Sign Plan – 3016-3094 S Jog Road (MSP-24-07)
A request for a Master Sign Plan (MSP-24-07) for the Buttonwood Plaza. (Meeting held with the property owner and agent on April 30, 2026; resubmittal received on May 21, 2026; Staff is preparing approval letter.)

Greenacres Plaza Master Sign Plan – 3905-3985 S Jog Road (MSP-25-02)
A request for a Master Sign Plan (MSP-25-02) for Greenacres Plaza. (Staff is working with the applicant to prepare/revise documents to finalize MSP for approval.)

Greenacres Sunoco and Office/Retail – 3067 S Jog Road (SP-96-05D and MSP-26-02)
A request for Major Site and Development Plan Amendment (SP-96-05D) and a Master Sign Plan (MSP-26-02) to allow for the construction of a new 6,000 sq ft office/retail building with a 786 sq ft mezzanine. (Completeness letter sent March 11, 2024, resubmittal received September 30, 2024, comments were provided on November 1, 2024. Resubmittal received August 20, 2025. (DRC Meeting held and comments provided October 16, 2025, resubmittal received on January 23, 2026, comments provided February 13, 2026 and discussed with applicant February 27, 2026, resubmitted on April 24, 2026, heard at the May 14, 2026 PZB Meeting; scheduled for the June 15, 2026, City Council meeting.)

Ice Cream La Bendicion – 560 Jackson Avenue (SP-24-04 and MSP-25-03)
A request for Site and Development Plan (SP-24-04) and Master Sign Plan (MSP-25-03) approval to construct an 882 sq ft two story building with ice cream/raspado shop on the ground floor and one dwelling unit on the second floor. (Resubmittal received on May 18, 2026 under staff review.)

Mil Lake Plaza Master Sign Plan – 4507-4639 Lake Worth Road (MSP-24-09)
A request for a Master Sign Plan (MSP-24-09) for the Mil Lake Plaza. (Staff coordinated with the applicant regarding minor revisions to the MSP on February 19, 2026; a resubmittal was received on February 20, 2026; Staff is actively working with the applicant on final revisions for clarity; Staff coordinated with the applicant regarding minor revisions to the MSP on April 21, 2026; Approval Memorandum is being drafted.)

Raising Cane's Restaurant – Mil-Lake Plaza – 3969 S Military Trail (SE-25-01, SP-25-01, & PCD-81-02N)
A request for Special Exception (SE-25-01), Site and Development Plan Amendment (SP-25-01), and a Master Plan Amendment (PCD-81-02N) for the construction of a 3,153 sq ft drive-through restaurant on the outparcel located at the southeast corner of the Mil-Lake Plaza. (Heard by the DRC on October 16, 2025; DRC Comment Letter #1 issued on November 7, 2025; Resubmittal received on 12/5/2025; DRC Comment Letter #2 issued on January 2, 2026; Extension Request Letter received from the applicant on February 2, 2026; anticipated resubmittal is April 3, 2026; heard at the May 14, 2026 PZB Meeting; scheduled for the June 15, 2026 City Council meeting.)

Symphony Court – 5217 & 5163 S Military Trail (ANX-25-03, CPA-25-04, and ZC-25-04)
A request for a voluntary annexation (ANX-25-03) of 2 parcels of land totaling 8.91 acres, a Small-Scale Future Land Use Amendment (CPA-25-04) from Palm Beach County Medium Residential 5 to City Residential High Density and a Rezoning (ZC-25-04) from PBC Agricultural Residential to City Residential High. (Resubmittal received on May 28, 2026, under staff review; tentatively scheduled for the June 11, 2026, PZB Meeting.)

Temple Beth Tikvah - 4550 S Jog Rod (CPA-25-03, ZC-25-03, & SP-87-02F)
A request for Small-Scale Future Land Use Amendment (CPA-25-03) from Residential Low Density (RS-LD) to Commercial (CM), a Rezoning from Residential Low Density (RL-3) to General Commercial (CG), and a Minor Site Plan Amendment (SP-87-02F) to provide for the expansion of the existing adult daycare use from 70 participants to 251 participants. (Completeness Review Comment Letter issued on January 14, 2026; Extension Request Letter from the applicant received on February 12, 2026; Extension Request Letter #2 received; anticipated resubmittal is May 1, 2026. Extension Letter #3 received; resubmitted on May 28, 2026.)

SITE PLAN AMENDMENTS

Buttonwood Plaza EV Charging Stations – (SP-84-05J)
A request for a Minor Site Plan Amendment to add four (4) electric vehicle (EV) charging stations to the plaza. (Completeness Review Letter sent to the applicant on January 29, 2026; updated agent authorization received on March 11, 2026; Teams Meeting held on April 6, 2026, with the new project agents to go over project; pending applicant's response and resubmittal; follow-up email sent to agent; City Engineering working with the applicant to resolve civil issues.)

Culver's of Greenacres – 6120 Lake Worth Road (SP-99-05B)
A request for a Minor Site and Development Plan Amendment (SP-99-05B) for modifications including exterior elevations, signage, landscape, parking lot and drive through layout, and a ~60 sq ft increase in floor area. (DRC comments sent to the applicant on December 9, 2025; resubmittal received on February 10, 2026; DRC Comment Letter #2 issued on March 5, 2026; Teams meetings held on March 13, March 16, April 13, and April 17, 2026; resubmittal received on May 1, 2026; Approval Letter with conditions was issued on May 15, 2026.)

Garden Square - 6645 Chickasaw Road (**SP-23-03A, BA-26-01, and PLT-26-02)**
A request for a Minor Site and Development Plan Amendment (SP-23-03A) to revise the elevations, an Administrative Variance (BA-26-01) to reduce the required side yard setbacks, and a Preliminary Plat (PLT-26-02) to allow the development and subdivision of the forty-four (44) unit townhouse development. Comments were provided March 13, 2026, and pending applicant response and resubmittal.

Pep Boys – 4690 Lake Worth Road (SP-84-14C)
A request for a Minor Site and Development Plan Amendment (SP-84-14C) to update the existing site conditions, including modifications to the exterior façade, updated signage, revisions to the parking lot layout and other improvements to meet Code. (DRC comments sent to the applicant on December 9, 2025; resubmittal received February 17, 2026 DRC Comment Letter #2 issued on March 13, 2025; resubmittal received March 19, 2026; Staff is

currently working with the applicant on minor revisions; application remains under Staff review; Conditional Staff Report is being drafted and awaiting necessary request for an SE amendment to amend the hours of operation.)

Truist Bank (Outparcel River Bridge Centre) - 6702 Forest Hill Blvd
A Minor Site and Development Plan Amendment for modifications to the landscaping. (Final report is currently being drafted by staff for approval.)

ZONING TEXT AMENDMENTS

CPA-26-02 – Urban Corridor and Redevelopment Initiatives
A City-initiated Comprehensive Plan Text Amendment pertaining to mixed-use and urban corridor redevelopment initiatives and modify density and intensity standards in targeted areas. (Scheduled for the June 11, 2026 PZB Meeting.)

ZTA-26-01 – Urban Corridor and Redevelopment Initiatives
A City-initiated Zoning Text Amendment to modify the development standards in targeted areas, including building height design guidelines and parking. (Scheduled for the June 11, 2026 PZB Meeting.)

RESIDENTIAL DEVELOPMENT PROJECTS

Blossom Trail (Nash Trail)
All Project plans approved. Final Engineering Permit issued, Construction Bond and Contract in place. Master Building Permits have been issued for the Townhouse and Single-Family units. Submittals of individual building permit applications in progress.

NON-RESIDENTAL DEVELOPMENT PROJECTS

Church of God 7th Day of Palm Beach – 3535 South Jog Road
All approvals have expired. Special Exception, site and associated development plans, building and engineering permit applications, and outside agency approvals would be required to be submitted to seek/obtain development approval. Adjacent single-family house has complied, and the code enforcement case closed out. House of Worship site has three (3) Special Magistrate board orders accruing fines at $250 day/order. Foreclosure proceedings commenced with March 17, 2026 Special Magistrate Hearing.

GIS

GIS
Staff continues to make updates to the publicly available GIS applications on the city website. As maps and apps are updated, the website links will change accordingly.

The GIS team has continued meeting with departments for the GIS needs assessments. As of the end of May, the team still needs to meet with Economic Development, IT, and Finance. The team will continue to meet with remaining departments through June and possibly into the beginning of July depending on scheduling conflicts and departmental availability.

TEMPORARY USE PERMITS

TU-2026-1468 – Blossom Trail Model Home – 5189 Begonia Circle
A request from DR Horton for a model home to be used for showing at 5189 Begonia Circle within the Blossom Trail Planned Unit Development. (Application under review by Staff, pending CO and City Engineer sign off.)

TU-2026-1469 – Blossom Trail Model Home – 5193 Begonia Circle
A request from DR Horton for a model home to be used for showing at 5193 Begonia Circle within the Blossom Trail Planned Unit Development. (Application under review by Staff, pending CO and City Engineer sign off.)

LIVE ENTERTAINMENT PERMITS

Staff is coordinating with PBSO for reports of any incidents observed and reported for alcohol serving establishments open after 2 am or operating without benefit of a Live Entertainment Permit. Follow-up is being provided and any noncompliance issues addressed with businesses.

LE 2025-2583 – Coco Mambo LLC – 3745 South Military Trail
A request for a Live Entertainment Permit for no more than four (4) nights per week from 7:00 pm to 1:00 am. (LEP approval remains on hold pending resolution of unpermitted interior and exterior work; meeting held with applicant on September 3, 2025; deadline to submit building permits without additional fees was on September 30, 2025, applicant has been unresponsive; follow up email sent December 11, 2025; Code case heard before the Special Magistrate on January 20, 2026, resulting in the property accruing a fine of $250 per day after 30 days; meetings held with the property owner on February 13, 2026, and with the business owner on February 24 and March 12, 2026; Staff has not received any further update to date.)

LE 2025-2959 – El Sabor Latino – 2202 South Jog Road
A request for a Live Entertainment Permit for daily from 8:00 pm to close of business. (An incomplete application was received on September 23, 2025; the applicant has been unresponsive; follow up emails sent December 11, 2025, December 29, 2025, and February 20, 2026. Coordinating with code enforcement regarding violations.)

LE 2024-2729 – El Valle Hondu-Mex Restaurant – 4992 10th Avenue North
A request for a Live Entertainment Permit for Friday and Saturday's from 9:00 pm to 1:30 am and for scheduled sports games. (DRC meeting was held on September 19, 2024; DRC comments provided on October 31, 2024; meeting held with applicant on November 1, 2024; discussion held with applicant on August 11, 2025, regarding comments issued; follow up emails sent December 11, 2025, and December 29, 2025; discussion held with applicant on January 26, 2026, awaiting applicant's response and resubmittal; follow up email sent on February 20, 2026. Coordinating with code enforcement regarding violations.)

LE 2025-2353 – Reggae Jerk of the Palm Beaches LLC – 2178 Jog Road – In Progress
A request for a Live Entertainment Permit to host quarterly "Family and Friends Fish Fry" events until 1:30 a.m. on event dates. (Sufficiency comments sent to the applicant on August 15, 2025; discussion held with the applicant on September 29, 2025; follow-up emails sent on

December 11 and December 29, 2025, and February 20, 2026; business owners met with Staff on March 24, March 30, and April 8, 2026, were reinformed of the application status, and indicated that the requested documents would be provided shortly.)

FY 2026 Data:

APPROVALS ISSUED	CURRENT PERIOD	FYTD 2026	FY 2026 BUDGET
Annexation	0	0	2
Comprehensive Plan Amendment	0	0	3
Zoning Changes	0	0	3
Special Exceptions	0	1	4
Site Plans	0	1	5
Site Plan Amendments	1	4	8
Variances	0	2	3
Zoning Text Amendments	0	2	4
Master Sign Plan	0		5
INSPECTION TYPE	**CURRENT PERIOD**	**FYTD 2026**	**FY 2026 BUDGET**
Landscaping	10	30	80
Zoning	6	13	50
Engineering	9	30	50

* Assumes progress of proposed Developments such that inspections are requested.

Building Division

Building Division Report
(May 1, 2026 – May 31, 2026)

1) ADMINISTRATION:

a) Researched and completed Eighty-Four (84) lien searches providing open and/or expired permit information.
b) Researched and completed Eighteen (18) records requests for historical permits.

2) PERMITS/INSPECTIONS:

PERMITS/INSPECTIONS	MAY 2026	FYTD 2026
New Applications Received / Permits Created	365	365
Applications Approved	31	806
Applications Canceled	1	36
Applications Denied	0	1
Applications Reopened	18	18
Permits Issued	162	1494
Permits Completed	124	1231
Permits Canceled	3	61
Permits Reopened	0	95
Permits Expired	1	116
Inspections Performed	373	3109
Construction Value of Permits Issued	$2,735,792.17	$24,505,371.97
Construction Reinspection Fees	$150.00	$134,853.41
Extension/Renewal Fees	$125.39	$3,075.39
CO's Issued	6	$9,145.46
CC's Issued	0	12
Temporary CO's Issued	1	2

3) BUSINESS AND CONTRACTOR REGISTRATION:

(See Attached Summary Reports)

4) PERMIT APPLICATIONS IN PLAN REVIEW – PRINCIPAL NEW OR REMODEL PROJECTS:

PROJECT	ADDRESS	SIZE	DESCRIPTION	PERMIT#
SFH	5037 Petunia Way		New SFH	2026-160
SFH	5153 Begonia Cir		New SFH	2026-169
SFH	5149 Begonia Cir		New SFH	2026-170
SFH	5145 Begonia Cir		New SFH	2026-171
SFH	5157 Begonia Cir		New SFH	2026-177
SFH	5156 Begonia Cir		New SFH	2026-178
SFH	5165 Begonia Cir		New SFH	2026-179
SFH	5169 Begonia Cir		New SFH	2026-180
SFH	5173 Begonia Cir		New SFH	2026-181
SFH	5050 Petunia Way		New SFH	2026-182
SFH	5046 Petunia Way		New SFH	2026-183
SFH	5042 Petunia Way		New SFH	2026-184
SFH	5038 Petunia Way		New SFH	2026-185
SFH	5030 Petunia Way		New SFH	2026-186

SFH	5034 Petunia Way		New SFH	2026-207
SFH	5162 Begonia Way		New SFH	2026-242
SFH	5070 Petunia Way		New SFH	2026-79
SFH	5177 Begonia Cir		New SFH	2026-106
SFH	5053 Petunia Way		New SFH	2026-156
SFH	5049 Petunia Way		New SFH	2026-157
SFH	5041 Petunia Way		New SFH	2026-158
SFH	5033 Petunia Way		New SFH	2026-159
SFH	5062 Petunia Way		New SFH	2026-73
SFH	5058 Petunia Way		New SFH	2026-74
SFH	5029 Petunia Way		New SFH	2026--75
Applebees	6707 Forest Hill Blvd	3,128	Interior Exterior Remodel	2026-0684
SFH	4108 Raulenson Dr	2,400	New SFH	2025-2948
Murphy Oil USA	6270 Forest Hill Blvd	2,824	Convenience Store	2025-2411
SFH	425 Swain Blvd	1,608	New SFH	2025-1959

5) PROJECTS IN PROGRESS – PRINCIPAL REMODELING/RENOVATION:

PROJECT	ADDRESS	SIZE	DESCRIPTION	PERMIT #
Pep Boys	4690 Lake Worth Rd		Interior Renovation	2026-1478
SFH	5045 Petunia Way		New SFH	2026-0355
SFH	5054 Petunia Way		New SFH	2026-1356
SFH	5057 Petunia Way		New SFH	2026-0978
SFH	5061 Petunia Way		New SFH	2026-0979
SFH	5066 Petunia Way		New SFH	2026-1380
TH	5402 Begonia Cir		New TH	2026-1366
TH	5404 Begonia Cir		New TH	2026-1365
TH	5406 Begonia Cir		New TH	2026-1364
TH	5408 Begonia Cir		New TH	2026-1363
TH	5410 Begonia Cir		New TH	2026-1362
TH	5602 Begonia Cir		New TH	2026-1361
TH	5604 Begonia Cir		New TH	2026-1360
TH	5606 Begonia Cir		New TH	2026-1359
TH	5608 Begonia Cir		New TH	2026-1358
Culvers	6120 Lake Worth Rd		Interior Remodel	2026-1166
Mobile Home	960 Bayivew Rd	1,152	New Mobile Home	2025-2909
SFH	504 Swain Blvd	1,685	New SFH	2025-2270
Walmart	6294 Forest Hill Blvd		Interior Exterior Remodel	2026-0696

Publix Liquor	4805 S Military	1,130	Interior Remodel	2026-0307
Phonexi Mngmt	6135 B Lake Worth Rd		Interior buildout	2026-0784
Blossom Trial	5901 Begonia Cir	3,926	Clubhouse	2025-2421
Heritage Career Institute	4568 Lake Worth Rd		Interior Remodel	2026-0395
Stall Money2414	6424 Lake Worth Rd		Interior Reno	2025-2414
Fire Station	5095 S Haverhill Rd		Bunkhouse Conversion	2025-2360

6) PROJECTS IN PROGRESS – PRINCIPAL NEW CONSTRUCTION:

PROJECT	ADDRESS	SIZE	DESCRIPTION	PERMIT #
TWH	6202 Begonia Cir		New TWH	2026-0505
TWH	6204 Begonia Cir		New TWH	2026-0504
TWH	6206 Begonia Cir		New TWH	2026-0503
TWH	6208 Begonia Cir		New TWH	2026-0502
TWH	6210 Begonia Cir		New TWH	2026-0501
TWH	6212 Begonia Cir		New TWH	2026-0500
TWH	6214 Begonia Cir		New TWH	2026-0499
TWH	6216 Begonia Cir		New TWH	2026-0498
SFH	5077 Petunia Way		New SFH	2026-0793
SFH	5081 Petunia Way		New SFH	2026-0495
SFH	5085 Petunia Way		New SFH	2026-0496
SFH	5089 Petunia Way		New SFH	2026-0497

SFH	5189 Begonia Cir	2,034	New SFH	2026-0426
SFH	5193 begonia Cir	3,059	New SFH	2026-0427
TWH	5501 Begonia Cir	1,472	New TWH	2026-0490
TWH	5503 Begonia Cir	1,446	New TWH	2026-0491
TWH	5505 Begonia Cir	1,446	New TWH	2026-0492
TWH	5507 Begonia Cir	1,446	New TWH	2026-0493
TWH	5509 Begonia Cir	1,472	New TWH	2026-04494
Santa Catalina Bldg A	3145 S JOG RD	7,325	New Construction Development of Medical Offices	2024-2721
Santa Catalina Bldg B	3197 S JOG RD	7,325	New Construction Development of Medical Offices	2024-2722
SFH	113 Swain Blvd	1,875	New SFH	2025-1166
SFH	117 Swain Blvd	1,875	New SFH	2025-1173
SFH	121 Swain Blvd	2,143	New SFH	2025-1168

Business Listing Report

Business BTR New Between 5/1/2026 To 5/31/2026

Generated 6/2/2026

BTR Number	BTR Type	Business	Licensee	Address	Phone	Extension	Email Address	Start of Business	End of Business
Business BTR New									
General Service									
BTR-2026-115	Business Tax Receipt	C Individuals Transition to Work *HOLD*CHG OF USE PERMIT R'D*	C Individuals Transition to Work, Cheryel Edney	2994 S Jog Rd , Greenacres FL 33463	(561) 603-0431		cheryeledney@gmail.com	5/13/2026	
BTR-2026-116	Business Tax Receipt	VSA Games LLC	VSA Games LLC, Kenneth Huelsman	2978 S Jog Rd 2978B , greenacres FL 33467	(203) 895-0229		vsagames@outlook.com	5/13/2026	
BTR-2026-120	Business Tax Receipt	B & D Behavioral Services Corp	B & D Behavioral Services Corp, Blyda Arrechea Coruna	6617 Forest Hill Blvd , Greenacres FL 33413	(561) 385-0085		bdbehavioralservices@gmail.com	5/15/2026	
BTR-2026-123	Business Tax Receipt	Legacy Nail Lounge	Nail Supplies & More, LLC dba Legacy Nail Lounge, Kimiesha Jackson	3951 S. Jog Rd. , Greenacres FL 33467	(305) 924-6220		legacynailswpb@gmail.com	5/18/2026	
General Service Totals: 4									
Home Based									
BTR-2026-109	Business Tax Receipt	SunPackedCo., LLC	SunPackedCo., LLC, Wanda Mendez	5094 Northern Lights Drive , Greenacres FL 33463	(561) 389-9524		SunpackedCo@gmail.com	5/5/2026	
BTR-2026-113	Business Tax Receipt	Story of Lori LLC	Story of Lori LLC, Lori Weiss	1085 Woodfield Road , Greenacres FL 33415	(973) 953-5674		lorihweiss@gmail.com	5/12/2026	
BTR-2026-124	Business Tax Receipt	Sunrise Kids Academy	Sunrise Kids Academy, Liudmelis Rodriguez	5584 Biscayne Dr , Greenacres FL 33463	(561) 729-3365		yusmeli328@gmail.com	5/20/2026	
BTR-2026-126	Business Tax Receipt	Gracefully Boutique Store LLC	Gracefully Boutique Store LLC, Dejalia Telusma Predin	5417 Sealine blvd , Greenacres FL 33463	(561) 880-7545		ditelusma@gmail.com	5/21/2026	
Home Based Totals: 4									
Professional/Office									
BTR-2026-111	Business Tax Receipt	LA Nail Spa - Yen Nugyen	LA Nail Spa, Yen Nguyen	4811 S Military Tr , Greenacres FL 33463	(561) 374-4209		Tuanlai_09@yahoo.com	5/8/2026	
Professional/Office Totals: 1									
Rental									
BTR-2026-110	Rentals	1000725137 FLORIDA LP	1000725137 FLORIDA LP, Fernando Matos	6304 Seven Springs Blvd. , Greenacres FL 33463	(561) 502-0095		1000725137floridalp@gmail.com	5/8/2026	
BTR-2026-118	Rentals	3065 Grandiflora Dr	Frangie Georges Sleiman Living Trust, Foutine Frangie	3025 Grandiflora Dr , Greenacres FL 33467	(518) 881-5769		foutine@msn.com	5/14/2026	
BTR-2026-121	Rentals	132 Walker Ave	Pitalito Dos LLC, Diego Tavares	132 Walker Ave , Greenacres FL 33463	(561) 687-3968		norasgrajales@gmail.com	5/15/2026	
BTR-2026-122		124 Walker Ave	Pitalito Uno LLC, Diego Tavares	124 Walker Ave , Greenacres FL 33463	(561) 687-3968		norasgrajales@gmail.com	5/15/2026	
BTR-2026-129		Rahman Highland LLC	Rahman Highland LLC, Sadiqur Rahman	5049 Starblaze Dr , Greenacres FL 33463	(347) 266-9849		srahman@exquisiteventures.nvc	5/29/2026	
Rental Totals: 5									
Business BTR New Total: 14									

Business Listing Report

Business BTR Renewed Between 5/1/2026 To 5/31/2026

Generated 6/2/2026

BTR Number	BTR Type	Business	Licensee	Address	Phone	Extension	Email Address	Start of Business	End of Business
Business BTR Renewed									
General Service									
BTR-2026-61	Business Tax Receipt	Beauty Factory salón by Hanv	Beauty Factory salón by Hanv, Hanv Mercedes	3951 Jog rd 124, Greenacres FL 33467	(561) 201-8593		Hany023@hotmail.com	3/5/2026	
BTR-2026-115	Business Tax Receipt	C Individuals Transition to Work *HOLD*CHG OF	C Individuals Transition to Work, Cheryel Edney	2994 S Jog Rd , Greenacres FL 33463	(561) 603-0431		cheryeledney@gmail.com	5/13/2026	
BTR-2026-116	Business Tax Receipt	VSA Games LLC	VSA Games LLC, Kenneth Huelsman	2978 S Jog Rd 2978B, greenacres FL 33467	(203) 895-0229		vsagames@outlook.com	5/13/2026	
BTR-2026-120	Business Tax Receipt	B & D Behavioral Services Corp	B & D Behavioral Services Corp, Blyda Arrechea Coruna	6617 Forest Hill Blvd , Greenacres FL 33413	(561) 385-0085		bdbehavioralservices@gmail.com	5/15/2026	
BTR-2026-123	Business Tax Receipt	Legacy Nail Lounge	Nail Supplies & More, LLC dba Legacy Nail Lounge, Kimiesha Jackson	3951 S. Jog Rd. , Greenacres FL 33467	(305) 924-6220		legacynailswpb@gmail.com	5/18/2026	
General Service Totals: 5									
Home Based									
BTR-2026-109	Business Tax Receipt	SunPackedCo., LLC	SunPackedCo., LLC, Wanda Mendez	5094 Northern Lights Drive , Greenacres FL	(561) 389-9524		SunpackedCo@gmail.com	5/5/2026	
BTR-2026-113	Business Tax Receipt	Story of Lori LLC	Story of Lori LLC, Lori Weiss	1085 Woodfield Road , Greenacres FL 33415	(973) 953-5674		lorihweiss@gmail.com	5/12/2026	
BTR-2026-124	Business Tax Receipt	Sunrise Kids Academy	Sunrise Kids Academy, Liudmelis Rodriguez	5584 Biscayne Dr , Greenacres FL 33463	(561) 729-3365		yusmeli328@gmail.com	5/20/2026	
BTR-2026-126	Business Tax Receipt	Gracefully Boutique Store LLC	Gracefully Boutique Store LLC, Dejalia Telusma Predin	5417 Sealine blvd , Greenacres FL 33463	(561) 880-7545		dieditelusma@gmail.com	5/21/2026	
Home Based Totals: 4									
Professional/Office									
BTR-2026-111	Business Tax Receipt	LA Nail Spa - Yen Nuqyen	LA Nail Spa, Yen Nguyen	4811 S Military Tr , Greenacres FL 33463	(561) 374-4209		Tuanlai_09@yahoo.com	5/8/2026	
Professional/Office Totals: 1									
Rental									
BTR-2026-110	Rentals	1000725137 FLORIDA LP	1000725137 FLORIDA LP, Fernando Matos	6304 Seven Springs Blvd. . Greenacres FL 33463	(561) 502-0095		1000725137floridalp@gmail.com	5/8/2026	
BTR-2026-118	Rentals	3065 Grandiflora Dr	Frangie Georges Sleiman Living Trust, Foutine Frangie	3025 Grandiflora Dr , Greenacres FL 33467	(518) 881-5769		foutine@msn.com	5/14/2026	
BTR-2026-121	Rentals	132 Walker Ave	Pitalito Dos LLC, Diego Tavares	132 Walker Ave , Greenacres FL 33463	(561) 687-3968		norasgrajales@gmail.com	5/15/2026	
BTR-2026-122		124 Walker Ave	Pitalito Uno LLC, Diego Tavares	124 Walker Ave , Greenacres FL 33463	(561) 687-3968		norasgrajales@gmail.com	5/15/2026	
BTR-2026-129		Rahman Highland LLC	Rahman Highland LLC, Sadiqur Rahman	5049 Starblaze Dr , Greenacres FL 33463	(347) 266-9849		srahman@exquisiteventures.nyc	5/29/2026	
Rental Totals: 5									
Business BTR Renewed Total: 15									

CITY OF GREENACRES
Licensing Revenue Summary Report

Licensing Revenue Summary Report - Summary
From Date: 5/1/2026 - To Date: 5/31/2026

	Charge Code	No. of Billing Transactions	No. of Adjustment Transactions	Billed Amount	Adjustments	Net Billed
Exemption	Exempt Annual Fire Inspection	1	0	$75.00	$0.00	$75.00
	Exemption Totals:	**1**	**0**	**$75.00**	**$0.00**	**$75.00**
General Retail	25% Late Fee	1	0	$40.72	$0.00	$40.72
	Collection Fee	1	0	$25.00	$0.00	$25.00
	Delinquent over 150 Days Fee	1	0	$100.00	$0.00	$100.00
	General Retail	1	0	$162.89	$0.00	$162.89
	General Retail/General Service/Industrial/Wholesale Annual Fire Inspection - Greater than 500 Sq. Ft.	1	0	$97.73	$0.00	$97.73
	General Retail Totals:	**5**	**0**	**$426.34**	**$0.00**	**$426.34**
General Service	Cosmetology & Barber	1	0	$20.31	$0.00	$20.31
	General Service	4	0	$232.44	$0.00	$232.44
	Initial Annual Fire Inspection	4	0	$300.00	$0.00	$300.00
	Zoning Review Fee	3	0	$150.00	$0.00	$150.00
	General Service Totals:	**12**	**0**	**$702.75**	**$0.00**	**$702.75**
Home Based	25% Late Fee	1	0	$20.35	$0.00	$20.35
	Home Based	5	0	$284.88	$0.00	$284.88
	Initial Annual Fire Inspection	1	0	$75.00	$0.00	$75.00
	Zoning Review Fee	5	0	$250.00	$0.00	$250.00
	Home Based Totals:	**12**	**0**	**$630.23**	**$0.00**	**$630.23**
Professional/Office	25% Late Fee	2	0	$20.30	$0.00	$20.30
	Collection Fee	1	0	$25.00	$0.00	$25.00
	Cosmetology & Barber	3	0	$101.53	$0.00	$101.53
	Delinquent over 150 Days Fee	1	0	$100.00	$0.00	$100.00
	Professional/Office	2	0	$244.06	$0.00	$244.06
	Professional/Office Totals:	**9**	**0**	**$490.89**	**$0.00**	**$490.89**
Rental	25% Late Fee	7	0	$71.05	$0.00	$71.05
	Collection Fee	6	0	$150.00	$0.00	$150.00
	Delinquent over 150 Days Fee	6	0	$600.00	$0.00	$600.00
	Rental Property	13	0	$414.21	$0.00	$414.21
	Rental Totals:	**32**	**0**	**$1,235.26**	**$0.00**	**$1,235.26**
	Grand Total:	**71**	**0**	**$3,560.47**	**$0.00**	**$3,560.47**

Code Compliance Division

Code Compliance Report

(May 1, 2026 – May 31, 2026)

CODE ENFORCEMENT	DURING THIS PERIOD	FYTD 2026
Inspections Related to Active Code Cases	27	179
New Cases Started	17	115
Cases Complied	10	33
Current Open Cases	523	1554
Notices Sent	30	299
Illegal Signs Removed from right-of-way	185	2438
Inspections Not Related to Active Code Cases	27	207
Complaints Received and Investigated	10	52

Department Report

Meeting Date: June 15, 2026

From:

Subject: Economic Development Report.

Background

During May 2026, the Economic Development Department continued advancing the City of Greenacres' vision of sustainable growth, strategic investment, business attraction, workforce development, and community engagement. Significant progress was achieved through redevelopment outreach, regional and international partnerships, business promotion initiatives, and statewide recognition of the City's innovative economic development efforts.

As Greenacres celebrates its Centennial Year, the Department remains focused on positioning the City as a destination for investment, entrepreneurship, tourism, and quality-of-life enhancements that benefit residents, businesses, and visitors alike.

1. REDEVELOPMENT AND INVESTMENT OUTREACH

Corridor Redevelopment Discussions

Throughout the month, the Department conducted targeted meetings with developers, investors, and industry stakeholders to explore redevelopment opportunities along key commercial corridors within the City. Discussions focused on mixed-use development concepts that integrate residential, retail, entertainment, hospitality, and workforce housing components. These conversations support the City's long-term objectives of revitalizing commercial corridors, expanding economic opportunities, enhancing community amenities, and strengthening the municipal tax base. The continued interest from private-sector partners reflects growing confidence in Greenacres as an emerging destination for strategic investment and redevelopment.

Yes In God's Backyard (YIGBY) Workshop

On May 21, 2026, the Department participated in the Housing Leadership Council of Palm Beach County's YIGBY (Yes In God's Backyard) Workshop, which brought together faith-based leaders, housing developers, investors, municipal representatives, and community stakeholders to discuss innovative housing solutions and partnership opportunities. The workshop focused on YIGBY legislation, faith-based land use opportunities, affordable housing strategies, and partnership development. The Department is actively evaluating potential partnerships and development opportunities

that may align with Greenacres' economic development goals while addressing housing needs within the community. These discussions provide valuable insight into emerging development models and potential investment opportunities that could support workforce housing, neighborhood revitalization, and long-term economic sustainability.

2. STRATEGIC PARTNERSHIPS AND COMMUNITY ENGAGEMENT

The Palm Beaches – Tourism and Business Networking Partnership

The City of Greenacres is proud to partner with Discover The Palm Beaches to host one of the region's premier hospitality and business networking events on June 12, 2026, at the Greenacres Community Center. This event will provide local businesses with a unique opportunity to showcase their products, services, and experiences directly to hotel concierges, front desk teams, bell staff, hospitality professionals, and tourism partners from throughout Palm Beach County. Participating businesses will have the opportunity to:

- Increase visibility among tourism and hospitality professionals;
- Build referral relationships that generate new customers;
- Promote Greenacres as a destination for dining, shopping, and entertainment;
- Share menus, samples, promotional materials, and special offers; and
- Strengthen connections with regional tourism partners.

This partnership supports the City's broader efforts to elevate Greenacres' profile within Palm Beach County's visitor economy and create new opportunities for local businesses.

Mexican Consulate of Miami – Mobile Consulate Program

The Department continued coordinating with the Consulate General of Mexico in Miami to bring the Mexican Mobile Consulate Program to Greenacres on July 11, 2026. The Mobile Consulate serves as an extension of the Mexican Consulate, providing essential services directly to residents who may otherwise face barriers to accessing government resources. Services include:

- Passport and Consular Identification Card issuance and renewals;
- Voter registration assistance;
- Civil registry services and dual-nationality documentation;
- Legal and immigration information;
- Health and wellness resources;
- Financial literacy education; and
- Community outreach services.

In addition to these services, the Department is collaborating with the Consulate to provide economic development resources related to:

- Access to capital;
- Business planning and entrepreneurship;
- Marketing and business growth strategies;
- Workforce development and employment opportunities; and
- Business recruitment and investment attraction.

This partnership reflects Greenacres' commitment to supporting its diverse population while creating pathways to economic opportunity and business success.

3. BUSINESS ASSISTANCE AND BUSINESS VISIBILITY

Florida Economic Development Council Innovation in Marketing Award

On May 14, 2026, the City of Greenacres received the prestigious 2026 Innovation in Marketing Award from the Florida Economic Development Council (FEDC) during the annual IGNITE Conference in Orlando. The award recognized the City's highly successful "Dine Local. Savor Greenacres" campaign, an innovative digital marketing initiative designed to promote locally owned restaurants while highlighting the unique culinary diversity found throughout the community. The campaign combines storytelling, video marketing, and social media engagement to showcase family-owned restaurants and encourage residents and visitors to support local businesses. Since its launch, the initiative has:

- Increased visibility for participating restaurants;
- Expanded the City's digital reach;
- Generated positive engagement across social media platforms;
- Enhanced community pride; and
- Strengthened Greenacres' identity as a dining destination.

Several participating businesses have reported increased customer traffic and noted that patrons specifically referenced the City's promotional videos when visiting their establishments. The success of the initiative has transformed the City's role from a traditional regulatory entity into a proactive marketing partner that helps drive economic activity and business growth. Building upon this success, the Department is expanding its business spotlight program through the launch of "Buy Local. Shop Greenacres." This new initiative will highlight locally owned retailers and unique businesses that contribute to Greenacres' economic vitality and community character. These award-winning programs exemplify the City's commitment to innovative economic development strategies that support small businesses, foster community engagement, and strengthen the local economy.

4. RECOGNITION OF PUBLIC SERVICE EXCELLENCE

Local Gov 250 – America’s Public Service Champions

The National Academy of Public Administration and LocalGov250 announced the recipients of the prestigious 250 Champions Initiative, a nationwide effort recognizing exceptional public servants whose work positively impacts communities across America. The initiative received hundreds of nominations from all 50 states, the District of Columbia, and U.S. territories. Honorees represent a diverse cross-section of government professionals who exemplify excellence, leadership, innovation, and dedication to public service. The Department is proud to share that Dr. Philip C. Harris, Director of Economic Development, was selected as one of America's 250 Public Service Champions and was among only a select group of honorees from the State of Florida recognized for outstanding contributions to local government and community development. The recognition ceremony was held in Philadelphia in conjunction with

national local government leadership events celebrating public service as the United States approaches its 250th Anniversary. This honor reflects not only individual achievement but also the City of Greenacres' commitment to innovation, professional excellence, and servant leadership. The recognition brings positive national visibility to the City and highlights Greenacres as a community dedicated to advancing impactful and meaningful public service.

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

None

Department Report

Meeting Date: June 15, 2026

From:

Subject: Finance Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. 09 Finance Dept Report - May 2026

Department Report

MEETING DATE: June 15, 2026

FROM: Teri Lea Beiriger, Director of Finance

SUBJECT: Department of Finance Activity Report

DEPARTMENT HIGHLIGHTS

The following report provides activity within the Department of Finance for the reporting period from May 1 through May 31, 2026:

- Continued to work on efficiencies to better serve our internal and external customers

- General Operations
  - Continued Fixed Assets process improvements.
  - Continued to collaborate with IT staff, credit merchant providers, and software teams to implement credit card pass through fees changes for CRS departments.
  - Continued the budget process at the department level.
  - Finalized the FY2025 Annual Comprehensive Financial Report (ACFR) with the auditor.
  - Submitted /Approved budget adjustments for five parcels off Haverhill.

- Grants
  - Received amendment and revised agreement to adjust completion date for CDBG 2024 Original Sewer Phase III Grant.

Department Report

Meeting Date: June 15, 2026

From:

Subject: Fire Rescue Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. Fire Rescue Report May

Department Report

MEETING DATE: June 15, 2026

FROM: Phillip Konz, Fire Chief

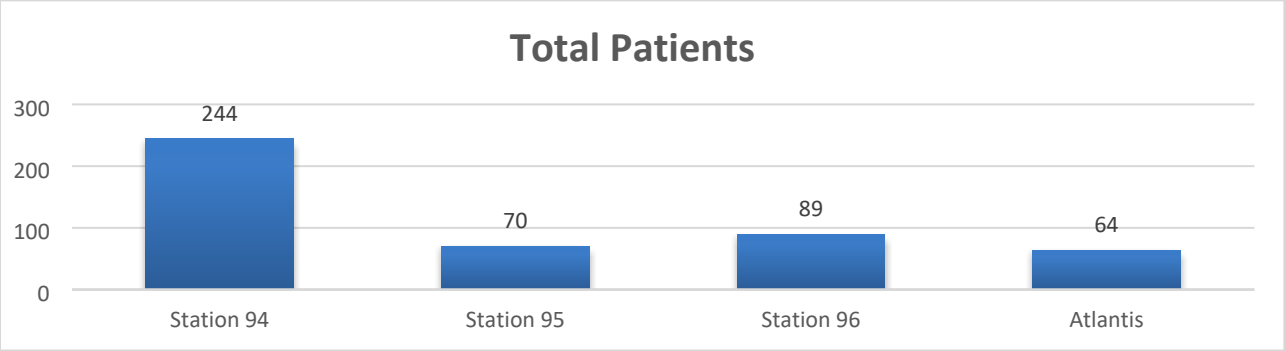
SUBJECT: Fire Rescue May

FR CALLS

CALLS	MONTHLY TOTALS
Total Alarms dispatched in May	610
Average alarms per day	21.79
Total calls this fiscal year	5,508

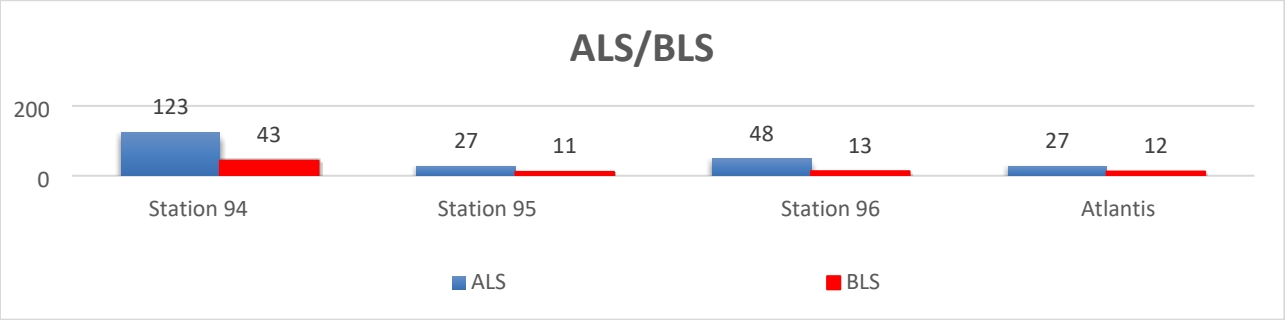
In May 2026, 403 patients were treated for Emergency Medical related services. Of those patients, 64 were in the City of Atlantis. These requests vary from a single unit responding to help an individual who has fallen to the floor, to a cardiac arrest necessitating multiple units, along with a mix of personnel, advanced skills and equipment.

Service Calls, Cancels, and Public Assists totaled 62. The requests include, but are not limited to, people locked out of home, water evacuation, animal problems, police assist, defective elevator, and canceled due to wrong address.



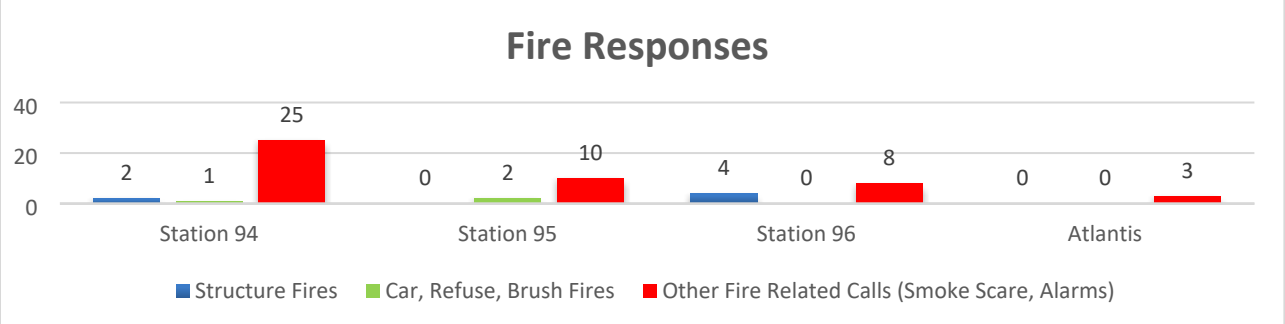
ALS/BLS

Fire Rescue transported 265 patients to a hospital or 66% of the patients we were called to treat. The majority of those (198) required Advanced Life Support procedures. ALS emergencies require additional personnel, specialized equipment, and skills. Often, an EMT or Paramedic will be taken from the ALS Engine to accompany the one person in the rear of the Rescue to assist with life-saving therapies.

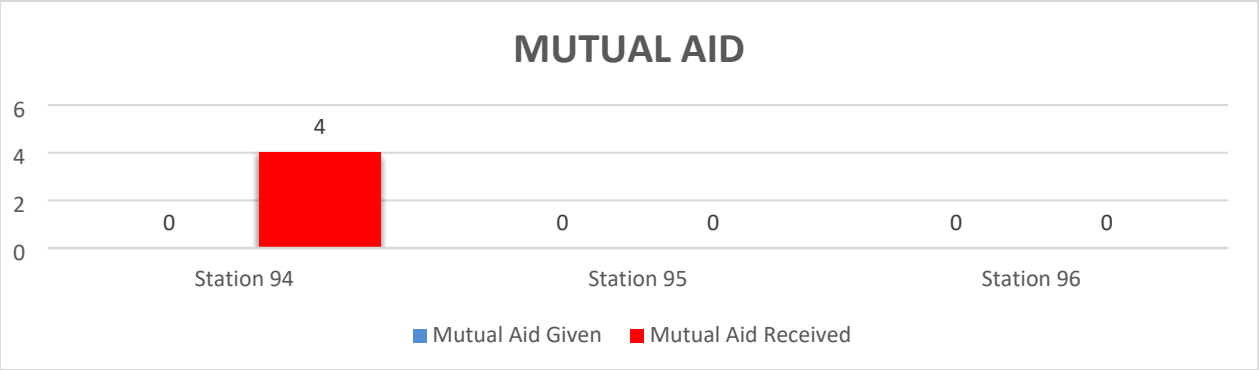


FIRE RESPONSES

Fire Rescue responded to 43 calls for a fire or smoke-related emergency. There were three (3) calls requiring an escalated response to a car, brush, or refuse fire; six (6) were in a residential or commercial structure.



MUTUAL AID

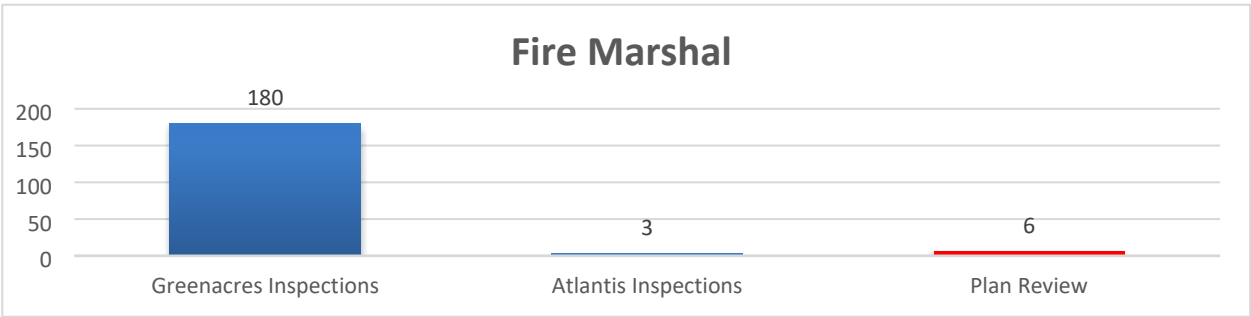


Mutual aid is the sending or receiving of emergency resources (apparatus, personnel) to or from another entity or agency upon request. No community has sufficient resources to handle every emergency of all sizes. Therefore, neighboring agencies work together through a system called Mutual Aid. That system is designed to be limited to large events that tax the resources beyond the normal capabilities of the community.

FIRE MARSHAL

Fire Prevention and Protection focuses on protecting people and property from fire through fire safety inspections, fire plans review, fire cause and origin investigations, and public education. In addition, the Fire Marshal provides fire safety lectures, attends land development meetings, and testifies at code enforcement hearings.

Inspections	186
Plans Review	29
People Displaced due to Fire Incidents	0



SPECIAL SERVICES

Blood Pressure Screenings	4
Presentations, Station Tours/Attendees	1/50
People Trained in CPR	0

Item Summary

Meeting Date: June 15, 2026

From:

Subject: Information Technology Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. 2026_05 IT Dept May Report

Department Report

MEETING DATE: June 15, 2026

FROM: Georges Bayard, Director, Information Technology

SUBJECT: Department of Information Technology – May 2026 Activity Report

DEPARTMENT HIGHLIGHTS

The following report provides the highlights of activity within the Information Technology Department for the reporting period from May 1, 2026 – May 31, 2026.

1. All network equipment has been installed and configured in the new Youth Center building. Most of the Tech Lab equipment has been delivered and pending installation by IT staff.
2. Final configuration of the City's public website on the new CivicPlus platform is being done by the vendor working with the Communications Department. IT staff is helping to coordinate content migration with departments ahead of Go-Live, the timeframe for which is expected to take place in June 2026.
3. Tested and implemented a new cloud-based ID badge printing software solution called CloudBadging. This software provides the Communications and Human Resources Departments with a more intuitive, easier to use interface to design and print new ID/access credential badges for all employees with the City's updated branding.
4. Work continues in consultation with Info-Tech on development of a cybersecurity incident response plan, AI policy, and Backup & Disaster Recovery Plan.
5. The IT Manager attended training at the Palm Beach County EOC on the new Crisis Track damage assessment software, in advance of practice exercises to be held by the County as preparation for hurricane season.
6. Department staff attended the Governor's Hurricane Conference in West Palm Beach, participating in courses and workshops on various topics relating to emergency preparedness.
7. The IT Application Specialist began producing training video clips for staff, published on the intranet (GreenLink), highlighting useful features of Microsoft Office 365 applications.
8. Regretfully received the resignation of IT Support Specialist Greg Osorio, began the recruiting process to find his replacement.
9. Monthly KnowBe4 simulated phishing email test results:

   Links clicked: 6; attachments opened: 0; QR codes scanned: 0. Phish-prone users (vulnerable to email phishing attacks): 3.09%, up from 2.58% in the previous month.

SERVICE DESK REQUESTS

May 2026

DEPARTMENT	CURRENT PERIOD	FY 2026 YTD	FY 2026 BUDGET
Administration	10	86	-
Community & Recreation Services	9	47	-
Development & Neighborhood Svcs.	9	136	-
Finance	6	44	-
Fire Rescue	7	72	-
Information Technology	0	16	-
Public Works	4	22	-
Purchasing	1	5	-
Youth Programs	2	13	-
Total Service Desk Requests	**48**	**441**	**750**

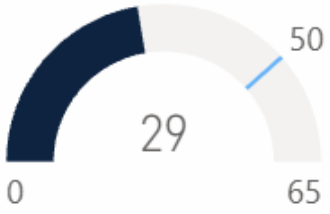
IT Department Monthly Activity Report - May, 2026

Number of Total Tickets

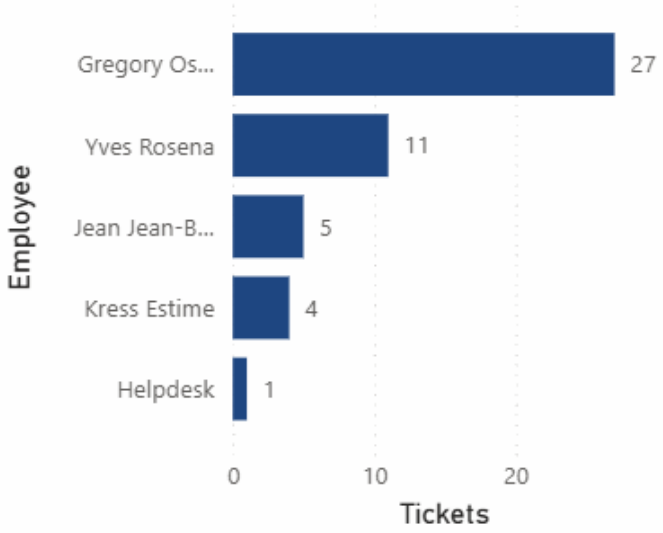
48

Tickets

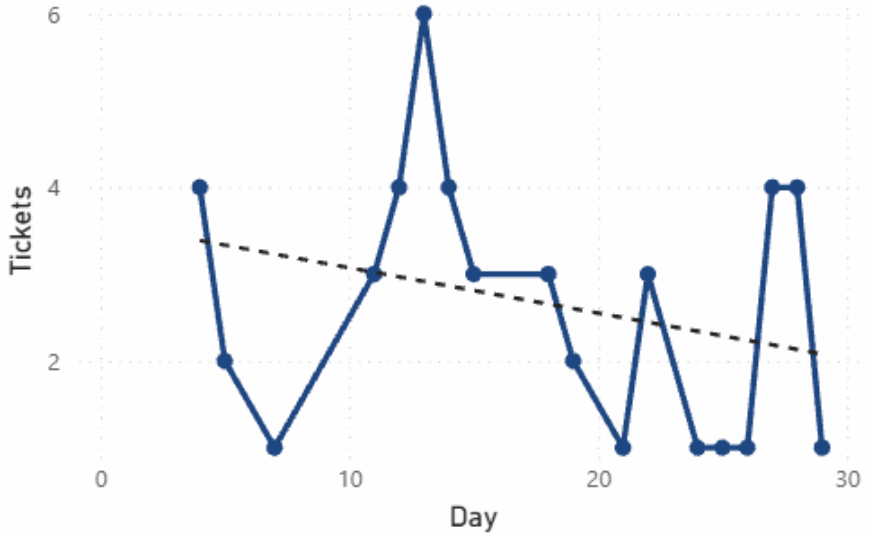
Tickets Resolved



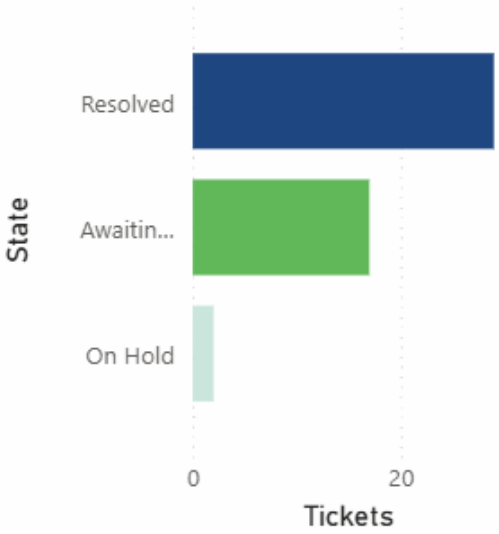
Tickets by Employee



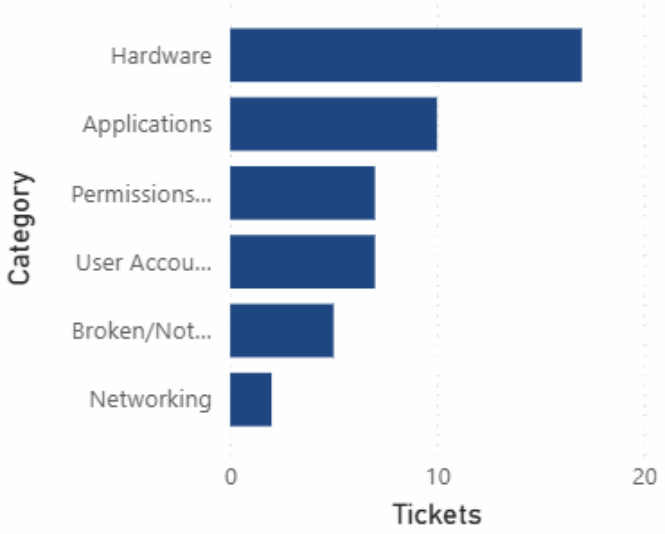
Tickets by Day



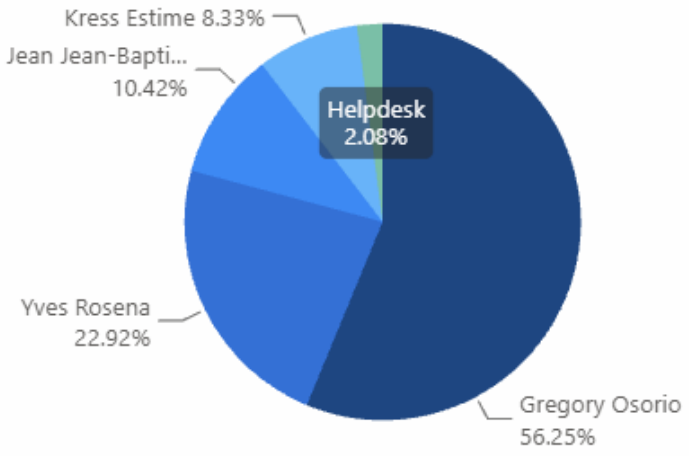
Tickets by State



Tickets by Category



% of Tickets by Employee



Department Report

Meeting Date: June 15, 2026

From:

Subject: Palm Beach Sheriff's Office - District 16 Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. D16 Monthly Report - May 2026

Department Report

MEETING DATE:

FROM: Captain Craig Turner, PBSO District 16

SUBJECT: PBSO District 16 – May 2026 Report

CAD CALLS

CAD CALLS	MONTHLY TOTALS
Business / Residence Checks (Self-Initiated)	1,538
Traffic Stops (Self-Initiated)	906
Calls for Service (Excluding 1050's & 1061's)	1,743
All CAD Calls - Total	**4,187**
Total Calls for Service – FY 2026 (October 2025 – September 2026)	32,050

Data Source: CADS/Premier 1
*Omit Miscellaneous Calls

Note: P1 is a dynamic system. Meaning that #'s can change from what was previously reported in the event there is a location or call type re-classification/modification.

SUMMARY

During the month, there were 4,187 generated calls within the district and 58% of these calls were self-initiated.

TRAFFIC ACTIVITY

DISTRICT 16 PERSONNEL	
Total Citations	**Total Warnings**
356	352

Data Source: D16 Office Staff/Monthly Report

PBSO MOTORS UNIT	
Total Citations	**Total Warnings**
516	230

Data Source: D16 Office Staff

COMMUNITY POLICING EVENTS

- Girls Who Code
- Stroll with a Deputy
- PBC Food Bank
- Stroll with a Deputy
- Conversation with a Deputy
- Day of Autism – Community Center
- VCD Gang OP
- Food Distribution
- Award Ceremony – Greenacres Elementary
- Dress for Success Crime Prevention Presentation

STREET CRIMES UNIT

- **C/N 26-060531** – District 16 Street Crime Unit identified the subject, who previously fled from Agents on a motorcycle. Agents established surveillance at several locations and eventually located the subject at 1452 Jennings Avenue Lantana, FL. Agents surrounded the residence and conducted a call-out of the occupants. The suspect was taken into custody without incident. Inside the residence, Agents observed the book bag the suspect had been wearing when he fled and found a large quantity of narcotics inside including:
  - 6.6 grams of cocaine
  - 12.8 grams of crack cocaine
  - 5.24 grams of methamphetamine
  - 14 schedule 2 pills

  Agents learned that the suspect had arrived at the residence on a different motorcycle. Agents ran the VIN and determined it was a stolen motorcycle from PBSO District 1 jurisdiction. Agents completed the recovery of the stolen motorcycle.

  Agents conducted a post-Miranda interview with the subject, who confessed to fleeing, possessing narcotics with intent to sell, and dealing in stolen property.

  Agents learned the location of the original motorcycle used by suspect during the initial flee and responded to 370 Springfield Drive West Palm Beach, FL. where they located the motorcycle. Agents ran the VIN and discovered it was stolen from Palm Springs PD. Agents recovered the motorcycle.

  Earlier in the day Agents observed a red Honda motorcycle at 4437 Roberts Way Greenacres, while conducting surveillance. Agents responded and made contact with the owner of the residence, who is a friend of the suspect. Agents ran the Florida tag and learned the motorcycle was also stolen. Agents recovered the motorcycle. Agents were advised that an electric bike on the property had been brought by the suspect as well. The suspect was transported to the Palm Beach County Jail and charged with fleeing and eluding at a high rate of speed, operating a motorcycle without a license, possession of prescription drugs with intent to sell, three counts of possession of

controlled substance schedule 2 with intent to sell, delivery of a controlled substance (two counts), and dealing in stolen property.

- **C/N 26-062007 –** During proactive patrol District 16 Street Crime Unit observed the occupant of a white BMW engaging in multiple hand-to-hand transactions. Afterward, the vehicle left the area. Agents maintained contact with one of the customers who was found in possession of 0.1 grams of crack cocaine; she was released pending cooperation. Agents maintained surveillance as the BMW stopped behind a plaza at 1306 North Military Trail, WPB. The driver was seen discarding 13.5 grams of crack cocaine and 2.1 grams of fentanyl into a dumpster, which were later recovered by Agents. While the suspect was outside his vehicle, Agents attempted a traffic stop, but he fled. The stop was terminated and the suspect eventually crashed into a concrete pole before abandoning the vehicle. District 16 Street Crime Unit maintained surveillance and took the suspect into custody. The suspect was transported to the Palm Beach County Jail and charged with fleeing and eluding, reckless driving, driving while license suspended, possession of fentanyl with intent to sell within 1,000 feet of a church, possession of cocaine with intent to sell within 1,000 feet of a church and tampering with evidence.

- **C/N 26-064669 –** District 16 Agents conducted a traffic stop for a violation and made contact with the individual. Probable cause was developed to search his person and vehicle, resulting in the discovery of 1.8 grams of cocaine. Agent Harvey arrested the individual for possession of cocaine and driving while license suspended. The individual was transported to the Palm Beach County Jail.

- **C/N 26-065000 –** District 16 Agents conducted a traffic stop for a violation and made contact with the suspect. Probable cause was developed to search his person and vehicle, leading to the discovery of a handgun in his pocket and over 700 grams of THC-infused products in the vehicle. Agent Scott arrested the suspect for reckless driving and unlawful carry of a firearm. He was transported to the Palm Beach County Jail. Charges for possession of hashish are pending the chemistry report.

PROPERTY DETECTIVES

- **C/N 26-056647, 26-056769, 26-057304 -** On 05/01/2026 at 12:09 hours, on 05/01/2025 at 17:29 hours, and on 05/03/2026 at 20:16 hours, a Hispanic male walked into the business located at 6591 Forest Hill Boulevard, Greenacres (Walgreens). The male took liquor and laundry (Tide) items and passed all points of sale without attempting to pay all three incidents. After reviewing the surveillance of each incident, the male was observed to be wearing the same exact outfit each time. Detectives were then able to make a positive ID of the male after a recent FIR with the subject and a history of multiple arrests for similar crimes. Probable cause was developed for each case for Felony Petit Theft, and the subject was picked up later that evening without issue. He was then

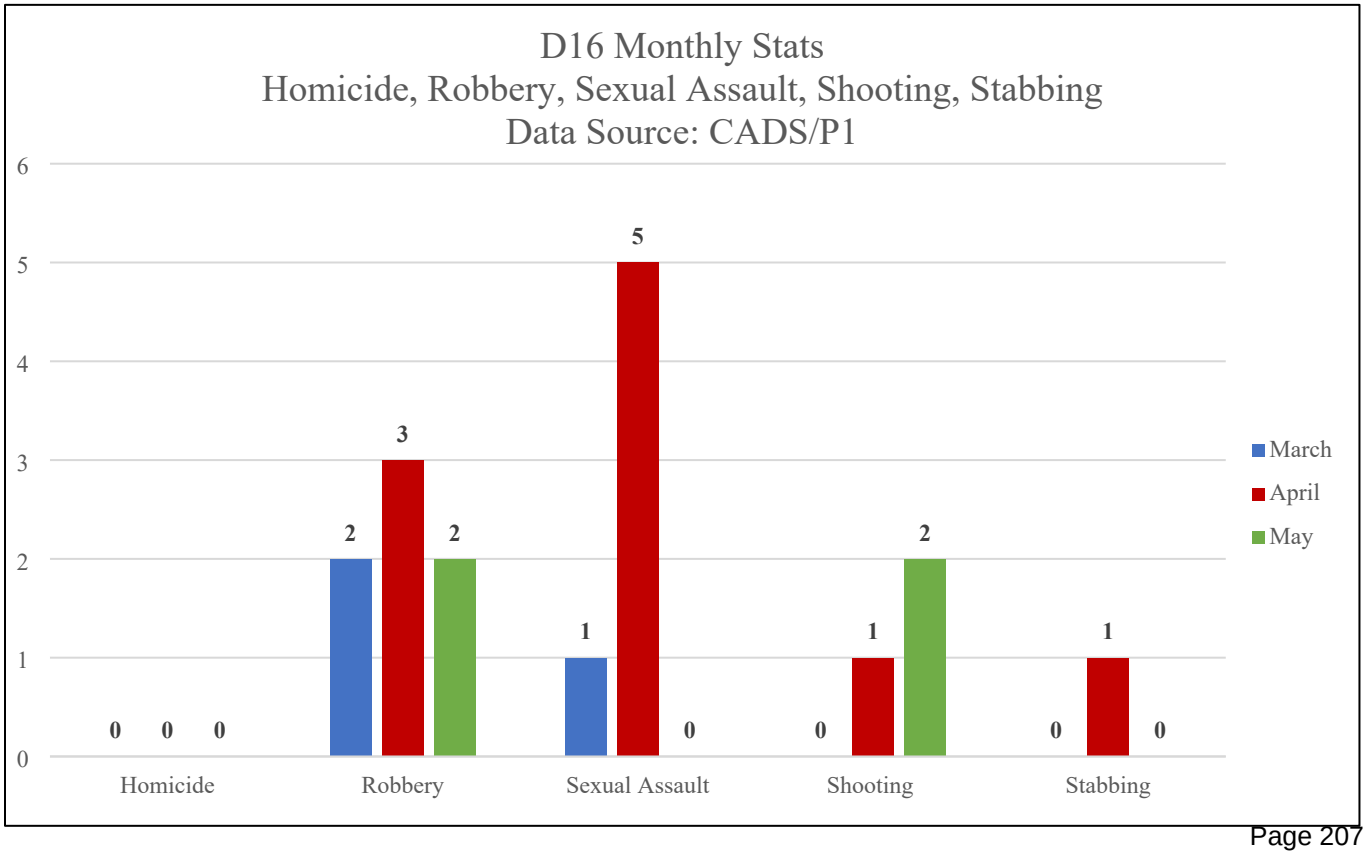
interviewed at the District, where he gave a full confession post-Miranda, and was transported to CJ.

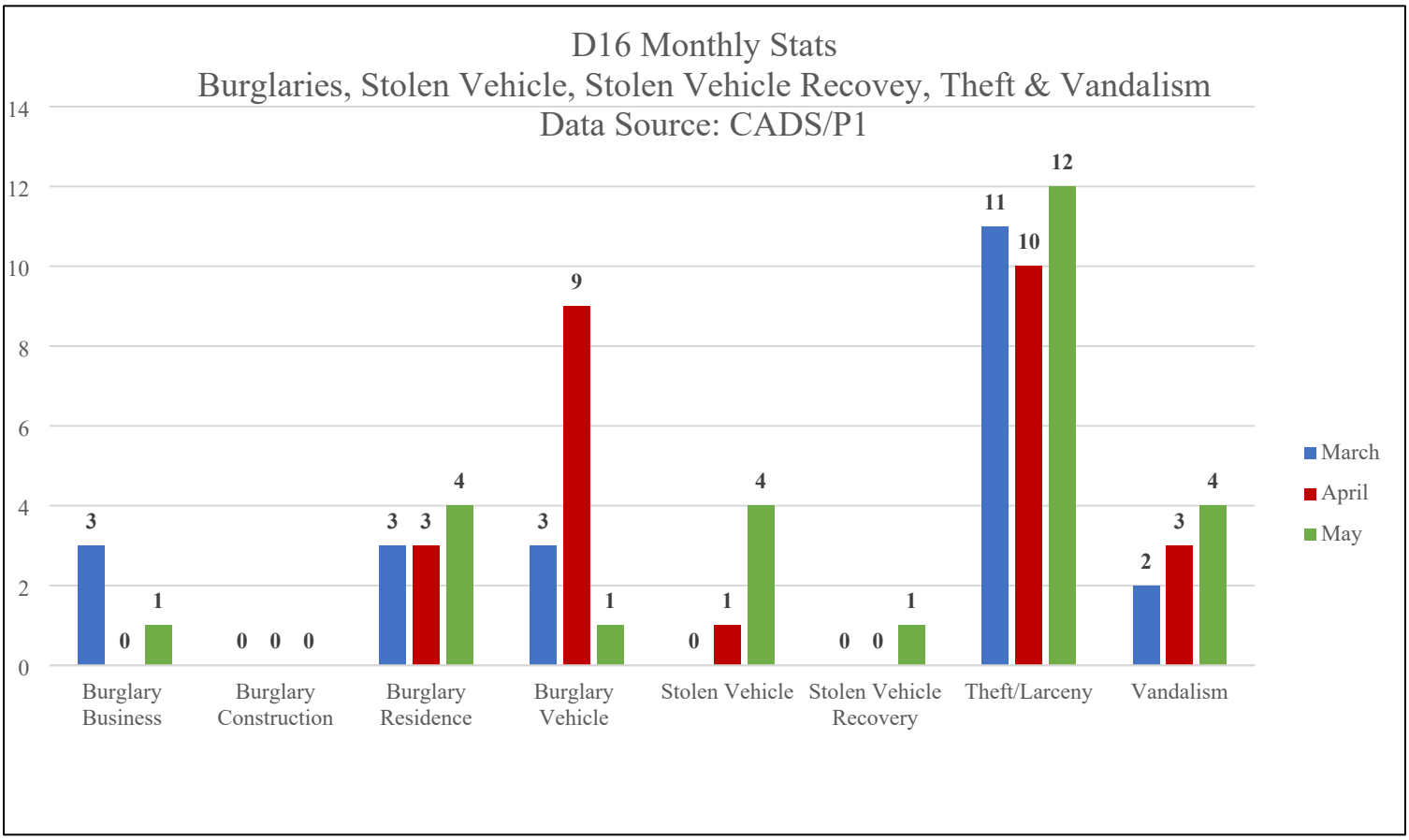
- **C/N 26-058803 -** On May 8th, 2026 the victim reported that a theft and vandalism had occurred at 1001 Riverside Drive. The victim stated as he was driving home from work, he saw a decorative lawn ornament in the travel lanes of 10th Avenue North, which he recognized as his own. Upon arrival at his residence, he confirmed that the ornament was his and observed a juvenile Hispanic male standing near the item. The suspect was identified and interviewed, providing a full confession.

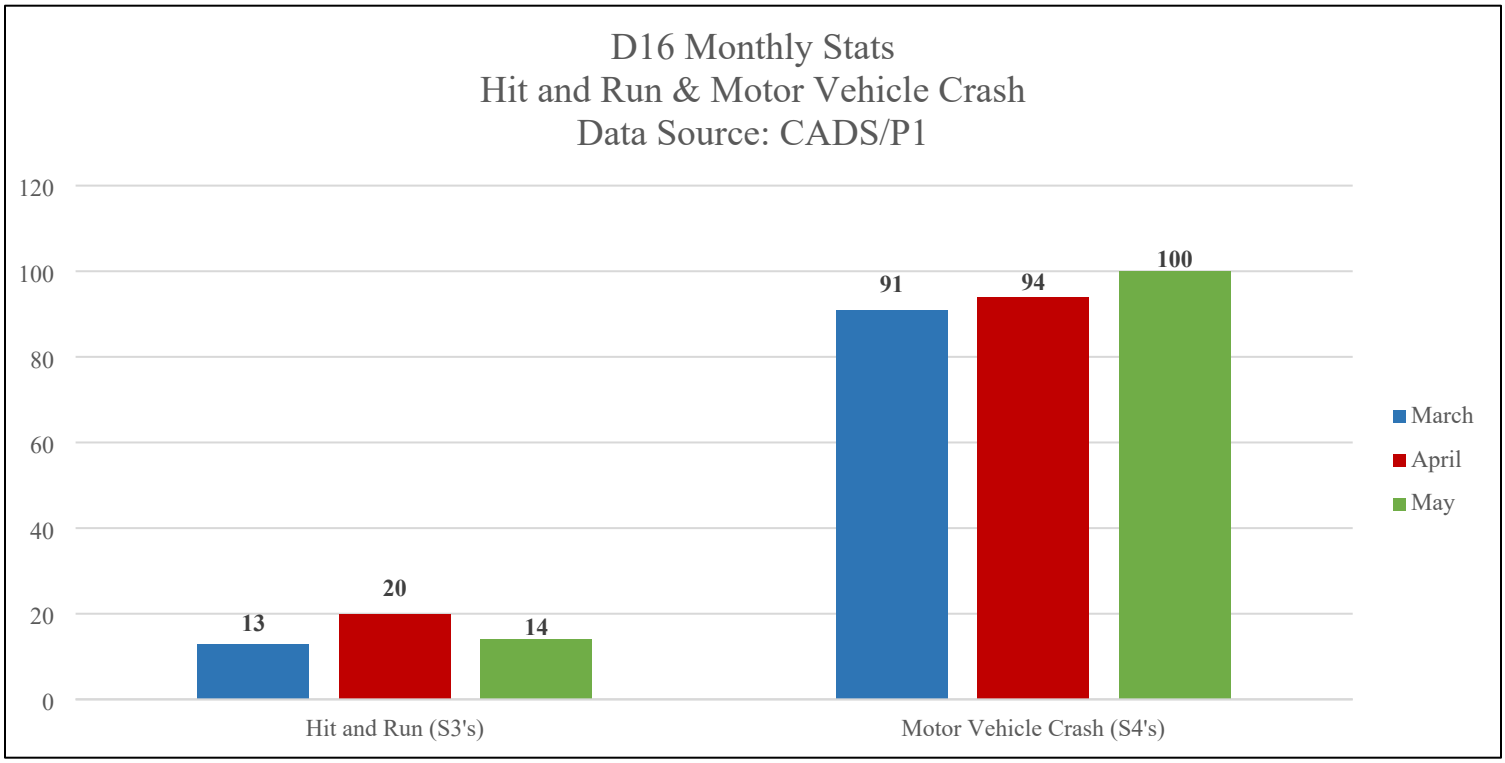
- **C/N 26-040491 -** In March 2026 several juveniles burglarized and vandalized 5190 Lake Worth Road (Hoffman's Chocolate). The main suspect captured on video surveillance was identified. On May 21, 2026 the suspect was interviewed and taken into custody at District 16.

DATA ANALYSIS

The data included in this report is charted and graphed to illustrate and compare changes over a specific time period. These charts and graphs are utilized to assist in determining crime trends and to measure enforcement efforts. This data is utilized in conjunction with other analysis to develop directed patrol and various enforcement activities. The analysis included on these pages is presented as a brief highlight to explain the salient points of this report.




D16 Monthly Stats
Burglaries, Stolen Vehicle, Stolen Vehicle Recovey, Theft & Vandalism
Data Source: CADS/P1
14
12
10
8
6
4
2
0
3
0
1
0
0
0
3
3
4
3
9
1
0
1
4
0
0
1
11
10
12
2
3
4
Burglary Business
Burglary Construction
Burglary Residence
Burglary Vehicle
Stolen Vehicle
Stolen Vehicle Recovery
Theft/Larceny
Vandalism
March
April
May


D16 Monthly Stats
Hit and Run & Motor Vehicle Crash
Data Source: CADS/P1
120
100
80
60
40
20
0
13
20
14
91
94
100
Hit and Run (S3's)
Motor Vehicle Crash (S4's)
March
April
May

TOP ACCIDENT LOCATIONS FOR MAY 2026 - CASE NUMBER INCIDENTS (S3's, 4's & 5V)

LOCATION	CASE NUMBER COUNT
FOREST HILL BLVD / S JOG RD	12
LAKE WORTH RD / S JOG RD	9
MELALEUCA LN / S HAVERHILL RD	4
LAKE WORTH RD / S HAVERHILL RD	4

Department Report

Meeting Date: June 15, 2026

From: Monica Powery, Director

Subject: Purchasing Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. May Department Report

Department Report

MEETING DATE: June 15, 2026

FROM: Monica Powery, Director, Purchasing

SUBJECT: Department of Purchasing Activity Report

DEPARTMENT HIGHLIGHTS

The following report provides the highlights of activity within the Department of Purchasing for the reporting period from May 1 through May 31.

a. 26-004 Public Works Steel Columns Repair – This bid was advertised on December 14, 2025 and opened on February 2, 2026 with seven (7) bids received. City Manager approved award to Thousand and One Construction Corp as the lowest responsive and responsible bidder.

b. Solicitations In Progress – Professional Sound System with Stage & Video Wall for City Events; Tents for City Events; Inflatables for City Events; Fascia and Soffit Replacement at Community Hall; and Miscellaneous Electrical Services for Building and Park Facilities.

DEPARTMENT ACTIVITY

ACTIVITY	CURRENT PERIOD	FY 2026 YTD
Purchase Orders Issued	72	594
Purchase Order Amounts	$2,216,102.99	$36,939,428.86
Solicitations Issued	-	8
Solicitations in Progress	5	-
Central Store Requests	3	28
Contracts Managed	78	78
Purchasing Card Purchases	354	2,654
Purchasing Card Transactions	$61,221.77	$410,226.82
No. of Training Sessions Conducted	-	4

Department Report

Meeting Date: June 15, 2026

From:

Subject: Youth Programs Report.

Background

Analysis

Financial Information

Legal

Staff Recommendation

Attachments:

1. May 2026 Report

Youth Programs Department Monthly Report

MEETING DATE: June 15, 2026

FROM: Jowie Mohammed, Director of Youth Programs

SUBJECT: May 2026 Department Report

PROGRAMMING

- During the month of May we provided twenty (20) days of after school with transportation provided from Greenacres, Liberty Park, Heritage, Discovery Key, L.C. Swain and Okeeheelee.
- Throughout the month of May, staff have completed numerous onsite inspections and walk- throughs with Department of Health inspectors to get the Youth Center Licensed. As of today, we are on the June 10th Child Care Advisory Board agenda for approval.

PERFORMANCE MEASURMENTS

PERFORMANCE MEASUREMENT	AVERAGE THIS PERIOD	FY 2026 TO DATE
# of Participants	95	95
# of Participants in Sierra Club ICO	12	48
# of Part's in TOP Program	20	20
# of Licenses Coordinated	1	1
# of MOU's Coordinated	0	2
# of Part.'s in Teen Advisory Council (TAC)	8	8
# of Com. Serv. Learning Projects coordinated	1	2
# of After-hour events coordinated	2	2
# of Presidential Volunteer Service Hours	296	8120

FINANCIAL INFORMATION

GRANTS COORDINATED	AVERAGE THIS PERIOD	FY 2026 TO DATE
Early Learning Coalition	$10,964.52	$108,745.53
Parent & Registration Fees	$30,986.00	$125,064.22
Youth Services Department SEL Grant	$3,199.20	$22,394.40
Textile Funds	$0.00	$1,750.00
Community Foundation Grant	$25,000	$25,000

C.A.R.E.S REPORT

- Throughout the school year the John I Leonard High School club called Florida Future Educators of America (FFEA) club volunteered every Monday throughout the school year to host homework club. Where the high school youth tutored our K-5th grade youth on various subjects and provided homework help. The last day of homework club was Monday May 4th.

- On 05/15/26 Youth Programs conducted its Summer Camp Orientation for 2026. We had over 100 family members show up for orientation which consisted mainly of our new families. Youth Programs facilitated a presentation on what to expect and what is expected for summer camp, while giving families needed items such as camp shirts and pick-up cards, and providing a tour where families can see their classrooms and meet their counselors.

TEEN PROGRAMS REPORT

- On May 16th our Teens attended a fishing trip with Sierra Club trip. They went to the Juno Pier and then to Chick-fila. The teens were looking forward to this trip, and it was inspired by their voice and thoughts.

- On May 24th, the teens participated in the City's 100-year Celebration Bash with their second fundraiser event of the school year. They sold water, cookies, and chips to visiting citizens out at the event. They were able to raise a few dollars while celebrating the growth of the City.

- On May 13th, in recognition of the last day of T.O.P, our teens had a celebration. They had Chili's catered and shared their T.O.P goals for the next year.