CITY OF FORT LAUDERDALE

BOARD OF ADJUSTMENT MEETING NOTICE

Date: May 31st, 2024

A Public Hearing will be held before the Board of Adjustment on: **Wednesday,June 12th, 2024**

This meeting will be held in-person at: Development Services Department (Lobby) 700 NW 19th Avenue, Fort Lauderdale, Florida 33311 to determine whether the following application should be granted. To view more information about this item, please visit: www.fortlauderdale.gov/government/BOA

CASE:	**PLN-BOA-24050002**
OWNER:	CITY OF FORT LAUDERDALE
AGENT:	FREDDY ANDRES ARGUDO, ESQ
ADDRESS:	5900 HAWKINS ROAD, FORT LAUDERDALE, FL 33309
LEGAL DESCRIPTION:	A PORTION PF TRACTS "B" AND "C", "PALM AIRE VILLAGE 4TH SECTION", ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 96, PAGE 35, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. (SEE SURVEY)
ZONING DISTRICT:	CC - COMMERCE CENTER DISTRICT
COMMISSION DISTRICT:	1
REQUESTING:	**Sec 47-21.13. B.1.a.- Landscape requirements for all zoned districts.**

- Requesting a variance to reduce the minimum tree requirement of one (1) tree per 1,000 square feet of net lot area to one (1) tree per 2000 square feet of net lot area, a total variance request of 46 trees.

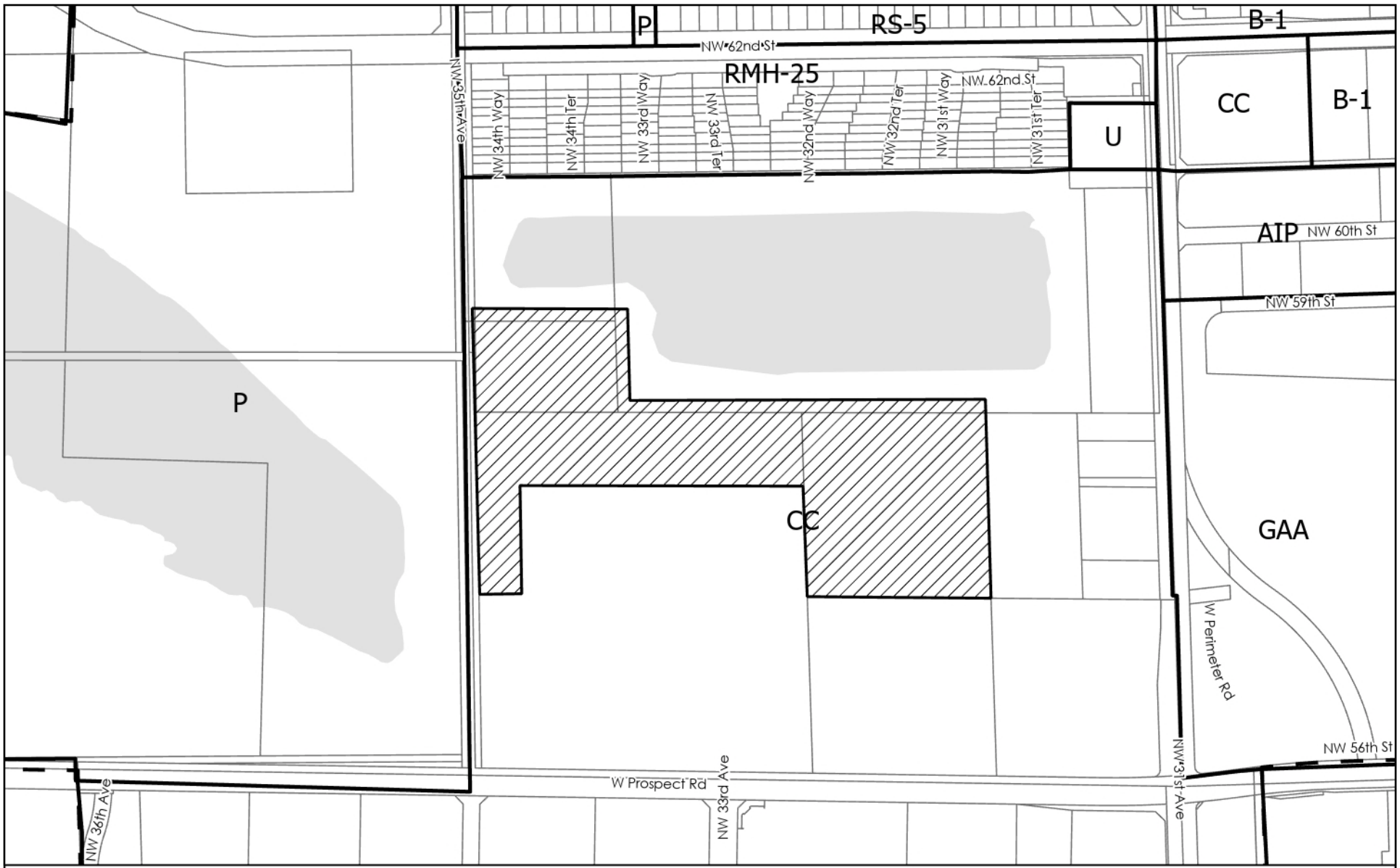
Breakdown: Total required 93,000 sf /1000= 93 trees
Total provided 93,000 sf/ 2000= 47 trees
Total Reduction = 46 trees

To watch and listen to the meeting, please visit: https://www.fortlauderdale.gov/government/BOA
OR www.youtube.com/cityoffortlauderdale

If you have any questions, please feel free to contact me directly at 954-828-6342.

MOHAMMED MALIK
ZONING ADMINISTRATOR

Florida Statutes, Sec. 286.0105
NOTE: If any person decides to appeal any decision made with respect to any matter considered at this public meeting or hearing, he/she will need a record of the proceedings, and for such purpose, he/she may need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence upon which the appeal is to be based.



PLN-BOA-24050002

LEGEND

Municipal Boundary

Subject Site (General Location)

N

0 200 400 US Feet

PLN-BOA-24050002

Sec 47-21.13. B.1.a.- Landscape requirements for all zoned districts.

B. *Landscape requirements.*

1.Yards and other portions of a parcel of land not utilized for structures, required walks, vehicular use area including VUA required landscaping, decking, pool and other impervious areas, shall be covered with a lawn or ground cover and shall comply with the following:

a. There shall be at least one (1) tree for each one thousand (1,000) square feet of net lot area or portion thereof. This tree planting requirement is in addition to the VUA landscaping requirements. Twenty (20) percent of the trees shall be shade trees.

Record

Menu | Refine Search | New | GIS | Create a Set | Reports | Help | My Filters --Select-- | Module Planning

Showing 1-35 of 35

Record, Permit, or Account #	Record Description	Application Name	Record Type	Balance	Planner Name	Street #	Dir	Street Name	Type	Unit # (start)	Status
PLB-GEN-24050334	Additional Overflow trailer for 50 MGD water trea...	Prospect Lake Clean Water Ce...	Plumbing Permit	0		5900		HAWKINS	RD		Plan Set
ELE-COM-24030099.R001	50 MGD Water Treatment Plant for the City of Fort...	ELE-COM-24030099	Plan Revision	0		5900		HAWKINS	RD		Awaiting
ELE-GEN-24050156	Additional Overflow Trailer for 50 MGD Water Trea...	Prospect Lake Clean Water Ce...	Electrical Permit	0		5900		HAWKINS	RD		Awaiting
BLD-GEN-24050240	Prospect Lake Clean Water Center - Additional ove...	Accessory Structure Permit	Structural Permit	0		5900		HAWKINS	RD		In Revie
BLD-GEN-24050150	Construction of slabs on grade for IX Multi-media...	Miscellaneous Permit	Structural Permit	0		5900		HAWKINS	RD		In Revie
PLN-BOA-24050002		Prospect Lake Clean Water Ce...	Z- Board of Adjustment (BOA)	0		5900		HAWKINS	RD		Open
ELE-TEMP-24040437	TEMP POWER SERVICE - 13.2 KV TO 480V	Electrical Temporary Pole	Electrical Permit	0		5900		HAWKINS	RD		Issued
ELE-COM-24040254	(Package #3) Installation of Underground duct ban...	Electrical Subpermit	Electrical Permit	0		5900		HAWKINS	RD		Issued
BLD-PHZ-24010549.R001	Prospect Lake Clean Water Center Plan Revisions	BLD-PHZ-24010549	Plan Revision	0		5900		HAWKINS	RD		In Proce
BLD-PHZ-24010549.D001	Deferred submittal, per the building inspector. S...	Document Type: Permit Appl...	Deferred Submittal (Electronic Document Submittal)	0		5900		HAWKINS	RD		Void
ELE-SRVIN-WT-24030001	Service Request to Switch from Pole Mounted Trans...	Online Walk-Thru- Service In...	Walk-Thru - Service Inspection	0		5900		HAWKINS	RD		Void
ELE-TEMP-24030392	Relocation of pole mounted transformer to slab mo...	Electrical Temporary Pole	Electrical Permit	0		5900		HAWKINS	RD		Complet
ELE-COM-24030099	#PACKAGE 2 Installation of Underground Duct Bank ...	Electrical Subpermit	Electrical Permit	0		5900		HAWKINS	RD		Issued
BLD-CMIS-24030034	Construction and installation of electrical manho...	Miscellaneous Permit	Structural Permit	0		5900		HAWKINS	RD		Issued
PLB-COM-24010401	Construction of underground process piping	Plumbing Subpermit	Plumbing Permit	0		5900		HAWKINS	RD		Issued
PLB-COM-24010387	Construction of stormwater drainage system for Pr...	Plumbing Subpermit	Plumbing Permit	0		5900		HAWKINS	RD		Issued
BLD-PHZ-24010549	Foundation for Nanofiltration Building at Prospec...	Phase Permit	Structural Permit	0		5900		HAWKINS	RD		Issued
BLD-GEN-24010550	Construction of Waste Water Collection Sump found...	New Construction Permit	Structural Permit	0		5900		HAWKINS	RD		Void
PLB-COM-24010332	Construction of Waste Water Collection Sump found...	Plumbing Subpermit	Plumbing Permit	0		5900		HAWKINS	RD		Issued
BLD-SIP-24010167	Prospect Lake - This permit shall cover all soil ...	Soil Improvement Permit	Structural Permit	0		5900		HAWKINS	RD		Issued
ELE-COM-24010098	Prospect Lake- Installation of underground elect...	Electrical Subpermit	Electrical Permit	0		5900		HAWKINS	RD		Issued
PLB-COM-23120050	Installation, hydro test and backfill of 1600 LF ...	Prospect Lake	Plumbing Commercial Permit	0		5900		HAWKINS	RD		Issued
ENG-MON-23120001	Drilling of 12 Monitoring Wells up to 20ft Deep.	PROSPECT LAKE CLEAN WATER CE...	ROW Monitoring Well Permit	0		5900		HAWKINS	RD		Awaiting
BLD-SITEWORK-23120002	Site work for the construction of Prospect Lake C...	Prospect Lake	Site Work Permit	0		5900		HAWKINS	RD		Issued
BLD-CNC-23110004	Engineer, procure and construct materials, labor ...	Prospect Lake Water Treatmen...	Commercial New Construction Permit	0		5900		HAWKINS	RD		Awaiting
BLD-CNC-23110005	Engineer, procure and construct materials, labor ...	Prospect Lake Water Treatmen...	Commercial New Construction Permit	0		5900		HAWKINS	RD		Awaiting
LND-TREE-23100462	Tree removal	Tree Removal	Landscape Tree Removal-Relocation Permit	0		6001		HAWKINS	RD		Issued
LND-TREE-23100463	Specimen Tree reoval	Specimen Tree Removal	Landscape Tree Removal-Relocation Permit	0		6001		HAWKINS	RD		Complet
ENG-SITE-23100002	Temporary construction, implementation and mainte...	Prospect Lake Clean Water Ce...	ROW Site Prep and Erosion Control Permit	0		5900		HAWKINS	RD		Issued
LND-TREE-23090425	Tree removal- Total replacement to be 198 caliper...	Tree Removal	Landscape Tree Removal-Relocation Permit	0		5900		HAWKINS	RD		Issued
LND-TREE-23090426	Specimen tree removal and protection within devel...	Specimen Tree Removal	Landscape Tree Removal-Relocation Permit	0		5900		HAWKINS	RD		Complet
UDP-S23049	Site Plan Level II - Clean Water Treatment Plant ...	Prospect Lake Clean Water Ce...	DRC- Site Plan (Level II, III, IV)	0	Yvonne Redding	5900		HAWKINS	RD		Issued
ELE-TEMP-23080008	Temp electric service to power up rig.	Ciry of Ft Lauderdale Temp E...	Electrical Temporary Pole	0		5900		HAWKINS	RD		Issued
UDP-P23004	Plat Review - Prospect Lake Clean Water Center plat	Prospect Lake - Clean Water ...	DRC- Plat	0	Yvonne Redding	5900		HAWKINS	RD		Open
BT-APP-23070103			New Business Tax Application	0		5900		HAWKINS	RD		Closed

Page 1 of 1

CITY OF FORT LAUDERDALE

PUBLIC NOTICE

BOARD OF ADJUSTMENT MEETING

DATE: June 12, 2024 **TIME: 6:00 P.M.** **CASE: PLN-BOA-24050002**

Sec 47-21.13. B.1.a.- Landscape requirements for all zoned districts.

•Requesting a variance to reduce the minimum tree requirement of one (1) tree per 1,000 square feet of net lot area to one (1) tree per 2000 square feet of net lot area, a total variance request of 46 trees.

Breakdown: Total required 93,000 sf /1000= 93 trees
Total provided 93,000 sf/ 2000= 47 trees
Total Reduction = 46 trees

MEETING LOCATION: DEVELOPMENT SERVICES DEPARTMENT
700 N.W. 19TH AVENUE (LOBBY)
FORT LAUDERDALE, FL., 33311
CONTACT: 954-828-6506

TO WATCH AND LISTEN TO THE BOARD OF ADJUSTMENT MEETING VISIT:
https://www.fortlauderdale.gov/government/BOA
www.youtube.com/cityoffortlauderdale
To view more information about this item, please visit:
www.fortlauderdale.gov/government/BOA

This Notice is the property of the City of Fort Lauderdale. In accordance with City Code Section 16-29, It shall be unlawful for any person to injure, cut, break or destroy in any manner any building or other thing belonging to or under the control of the City. Persons marring or removing the Notice may be subject to fine and/or imprisonment.

In accordance with City Code Section 47-27.2A. H The sign shall remain on the property until final disposition of the application. This shall include any deferral, rehearing, appeal, request for review or hearing by another body. The sign information shall be changed as provided in subsection A.3.a

SIGN NOTICE

Applicant must **POST SIGNS** (for Board of Adjustment) according to Sec. 47-27.2 Types of Public Notice and 47-27.9 Variance, Special Exception, Temporary Non-Conforming Use, Interpretation requires the following notice:

- Sign Notice shall be given by the applicant by posting a sign provided by the City stating the time, date, and place of the Public Hearing on such matter on the property which is the subject of an application for a development permit. If more than one (1) public hearing is held on a matter, the date, time, and place shall be stated on the sign or changed as applicable.
- The sign shall be posted at least fifteen (15) days prior to the date of the public hearing.
- The sign shall be visible from adjacent rights-of-way, including waterways, but excepting alleys.
- If the subject property is on more than one (1) right-of-way, as described above, a sign shall be posted facing each right-of-way.
- If the applicant is not the owner of the property that is subject of the application, the applicant shall post the sign on or as near to the subject property as possible subject to the permission of the owner of the property where the sign is located or, in a location in the right-of-way if approved by the City.
- If the sign is destroyed or removed from the property, the applicant is responsible for obtaining another sign from the City and posting the sign on the property.
- The sign shall remain on the property until final disposition of the application. This shall include any deferral, rehearing, appeal, request for review or hearings by another body. The sign information shall be changed as above to reflect any new dates.
- The applicant shall, five (5) days prior to the public hearing, execute and submit to the department an affidavit of proof of posting of the public notice sign according to this section. If the applicant fails to submit the affidavit the public hearing will be postponed until the next hearing after the affidavit has been supplied.

AFFIDAVIT OF POSTING SIGNS

STATE OF FLORIDA

BROWARD COUNTY

BOA CASE NO. PLN-BOA-24050002

APPLICANT: City of Fort Lauderdale

PROPERTY: 5900 Hawkins Road

PUBLIC HEARING DATE: June 12, 2024

BEFORE ME, the undersigned authority, personally appeared Janna P. Lhota, who upon being duly sworn and cautioned, under oath deposes and says:

1. Affiant is the Applicant in the above cited City of Fort Lauderdale **Board or Commission** Case.
2. The Affiant/Applicant has posted or has caused to be posted on the Property the signage provided by the City of Fort Lauderdale, which such signage notifies the public of the time, date and place of the Public Hearing on the application for relief before the **Board or Commission**.
3. That the sign(s) referenced in Paragraph two (2) above was posted on the Property in such manner as to be visible from adjacent streets and waterways and was posted at least **fifteen (15)** days prior to the date of the Public Hearing cited above and has remained continuously posted until the date of execution and filing of this Affidavit. Said sign(s) shall be visible from and within twenty (20) feet of streets and waterways, and shall be securely fastened to a stake, fence, or building.
4. Affiant acknowledges that the sign must remain posted on the property until the final disposition of the case before the **Board or Commission**. **Should the application be continued, deferred, or re-heard, the sign shall be amended to reflect the new dates**.
5. Affiant acknowledges that this Affidavit must be executed and filed with the Zoning & Landscaping Division **five (5)** calendar days prior to the date of Public Hearing and if the Affidavit is not submitted, the Public Hearing on this case shall be cancelled.
6. Affiant is familiar with the nature of an oath or affirmation and is familiar with the laws of perjury in the State of Florida and the penalties, therefore.

NOTE: I understand that if my sign is not returned within the prescribed time limit as noted in Sec. 47.27.2. of the City of Fort Lauderdale ULDR, I will forfeit my sign deposit. JPL (initial here)

Janna P. Lhota

Affiant

SWORN TO AND SUBSCRIBED before me in the County and State above aforesaid this 28 day of May, 2024

(SEAL)

JENNIFER KENT
MY COMMISSION # HH 244261
EXPIRES: March 23, 2026

NOTARY PUBLIC
MY COMMISSION EXPIRES:

View from Prospect Road





CUTRO AND ASSOCIATES

NOTICE AFFIDAVIT

STATE OF FLORIDA, BROWARD COUNTY
CITY OF FORT LAUDERDALE

BEFORE ME THIS DAY PERSONALLY APPEARED CHRISTINA MATHEWS WHO BEING DULY SWORN, DEPOSES AND SAYS:

1. The attached property owners list is, to the best of my knowledge, a complete and accurate list of all property owners, mailing addresses and property control numbers as recorded in the latest official tax rolls obtained from the Property Appraisers Office for all property within 300/500 feet of Portion of Tracts B & C of Palm Aire Village 4th Section Plat as recorded in Plat Book 96 Page 35 and Portion of Tracts 8 and 9 Block 96 of Palm Beach Farms Company Plat as recorded in Plat Book 2 Page 54 of the Public Records of Broward County, Florida, City of Fort Lauderdale. Prospect Lake Clean Water Center

2. The attached property owners list includes, to the best of my knowledge, all affected property owners, municipalities, counties, homeowner associations, and property owner associations in accordance with the requirements of the UDLR and the City of Fort Lauderdale.

Signature

The foregoing instrument was acknowledged before me this 7th day of May, 2024.

Signature of Person Taking Acknowledgement

Notary Public

Notary's Seal

JEFFERSON DURHAM
Commission # HH 094399
Expires February 17, 2025
Bonded Thru Troy Fain Insurance 800-385-7019

1025 Yale Drive
Hollywood, Florida 33021
954-920-2205
Email: cutroplanning@yahoo.com

DEVELOPMENT SERVICES DEPARTMENT

ZONING & LANDSCAPING DIVISION

BOARD OF ADJUSTMENT (BOA) APPLICATION FORM

REV: 03/18/2024 APPLICATION FORM: BOA

GENERAL INFORMATION
BOARD OF ADJUSTMENT REVIEW PROCESS AND APPLICATION SUBMITTAL

BOARD OF ADJUSTMENT MEETING REQUEST: Prior to the submittal of the Board of Adjustment application, applicants are required to schedule a meeting request with Zoning and Landscaping Division staff to obtain feedback regarding the proposed variance, special exception, or other applications. The meeting includes general guidance on the submittal and process for the application type. To request a meeting with staff, email request to the Board of Adjustment.

APPLICATION DEADLINE: Submittals must be received by 5:00 PM each business day. Pursuant to Section 47-24.12, the Department will review all applications to determine completeness within five (5) business days. Applicants will be notified via e-mail, if application, survey, plans and other documentation do not meet the submittal requirements and if changes are required. The applicable Meeting Dates and Deadlines can be found on the City's website at the Board of Adjustment webpage. Staff will provide guidance once an application has been submitted to the City.

ONLINE SUBMITTAL PROCESS: Submittals must be conducted through the City's online citizen access portal and payment of fees LauderBuild. LauderBuild requires the creation of an online account to submit a complete application. To access submittal requirements and standards please visit the LauderBuild Plan Room. Staff will provide guidance once an application has been submitted to the City.

DETERMINATION OF COMPLETENESS: Submittals are reviewed for completeness to ensure the application submittal contains all the required information including plans, survey, proof of ownership, narratives, and other pertinent documentation. The City will notify the applicant within five (5) business days from submittal with a determination of completeness. The notification will be sent via email and will indicate application completeness or incompleteness with required changes. BOA Flow Chart.

PAYMENT OF FEES: All applications for development permits are established by the City Commission, as set forth by resolution and amended from time to time. In addition to the application fee, any additional costs incurred by the City including review by a consultant on behalf of the City, special advertising, re-advertising and any other costs associated with the application submittal shall be paid by the applicant. Any additional costs, which are unknown at the time of application, but are later incurred by the City, shall be paid by the applicant prior to the issuance of a development permit. Applicants will receive invoices electronically indicating the applicable fee(s). Note, there are fees at various stages of review depending on application type. All Fees are paid online.

PUBLIC SIGN NOTICE: Board of Adjustment (BOA) application, and certain applications are subject to public sign notice. Affidavits must be completed and submitted to the city stated compliance that such has been completed. The affidavit form can be found in this package on page 4 and on the City's website.

EXAMPLE VARIANCE SUBMITTAL
Click to access the Board of Adjustment (BOA) page to view previous Board of Adjustment (BOA) agendas, case backup, minutes and results.

QUESTIONS: Questions regarding the Board of Adjustment process or LauderBuild, contact us by phone or email at: boardofadjustment@fortlauderdale.gov
Phone: 954-828-6520, Option 5.

INSTRUCTIONS: The following information is required pursuant to the City's Unified Land Development Regulations (ULDR). The Board of Adjustment application form must be filled out accurately and all applicable sections must be completed. Complete the sections indicated for application, type N/A for those section items not applicable. Select the application type below and complete entire application form.

Application Type (Select the application type from the list below and complete pages 1-4 of the application)	FEES
◉ Requesting a Variance/Special Exception/Interpretation **(Before)**	$2,332
○ Requesting a Variance/Special Exception/Interpretation **(After)**	$2,968
○ Requesting Variance/Special Exception/Interpretation for Residential Accessory Structures & Existing Non-Conforming Structures (Homesteaded Only) **(Before)**	$689
○ Requesting a Variance/Special Exception/Interpretation for Residential Accessory Structures & Existing Non-Conforming Structures (Homesteaded Only) **(After)**	$901
○ Request for Continuance	$954
○ Request for Rehearing	$318
○ Rehearing Request before the board	$1,219

Page 1: BOA - Applicant Information Sheet

INSTRUCTIONS: The following information is required pursuant to the City's Unified Land Development Regulations (ULDR). While the information requested in this application is the minimum required to proceed please be aware additional information may be required to fully address the variance(s) and/or special exception(s) requested. The application form must be filled out accurately and all applicable sections must be completed. Please print or type and answer all questions. Do Not leave any sections Blank. Indicate N/A if a question does not apply.

Case Number	PLN-BOA-24050002
Date of complete submittal	05/03/2024

NOTE: For purpose of identification, the **PROPERTY OWNER** is the **APPLICANT**

Property Owner's Name	City of Fort Lauderdale
Property Owner's Signature	If a signed agent letter is provided, no signature is required on the application by the owner.
Address, City, State, Zip	100 N Andrews Ave Fort Lauderdale, FL, 33301
E-mail Address	dfisher@fortlauderdale.gov
Phone Number	(954) 828-5950
Proof of Ownership	✓ Warranty Deed or ☐ Tax Record

NOTE: If **AGENT** is to represent **PROPERTY OWNER**, an agent authorization form is required (must be notarized)

Applicant / Agent's Name	Kiewit Water Facilities Florida
Applicant / Agent's Signature	Freddy Argudo
Address, City, State, Zip	5757 Blue Lagoon Dr. Suite 200, Miami, FL 33126
E-mail Address	Freddy.Argudo@kiewit.com
Phone Number	(972) 342-9816
Agent Authorization Form Submitted	✓

Include ANY Related code case/permit #	
Existing / New	Existing: ☐ New: ✓
Project Address	Address: 5900 Hawkins Rd
Legal Description	See Survey
Tax ID Folio Numbers *(For all parcels in development)*	4942-0700-0100/0110, Portion of 4942-0706-1630/1620
Variance/Special Exception Request *(Provide a brief description of your request)*	The Prospect Lake Clean Water Center project is seeking a landscape variance to reduce the number of planted trees required by ULDR Section 47-21.13.B.1.a from ninety-three to fourty-seven, for a total variance of fourty-six trees.
Applicable ULDR Sections *(Include all code sections)*	47-21.13.B.1.a

Current Land Use Designation	Employment Center
Current Zoning Designation	Commerce Center (CC)
Current Use of Property	Government - Vacant Land
Site Adjacent to Waterway	☐ Yes ☒ No

Setbacks (indicate direction N, S, E, W)			**Required**	**Proposed**
Front			(S) 40'-0"	Admin: 1,075', Nano: 1,530'
Side			(E/W) 15'-0"	Admin: 49'-7", Nano: 147'-1"
Side				
Rear			(N) 15'-0"	Admin: 390', Nano: 61'-10"

Page 2a: Board of Adjustment (BOA) Criteria for Variance Request

Answer **All** questions on this page only *if* you are applying for a **VARIANCE**. If additional space is needed, attach an additional page(s) to this page. *If* you are applying for a Special Exception, print or type N/A for the questions below and complete page 2b of this application form. Note: A narrative must be submitted in addition to this page.

SPECIFIC REQUEST: State the specific request according to the ULDR or other provisions of the Code.

ULDR Section 47-21.13.B.1 tree quantities. Please see attached page 2 for further Detail.

CRITERIA: Applicant must demonstrate a unique hardship attributable to the land by proving by a preponderance of the evidence for all of the following criteria. Please answer the following criteria completely. While some criteria may seem duplicative the response should be tailored specifically to each. Per section 47-24.12. A.4,

a. Special conditions and circumstances affect the property at issue which prevent the reasonable use of such property; and

Please see attached on page 2.

b. Circumstances which cause the special conditions are peculiar to the property at issue, or to such a small number of properties that they clearly constitute marked exceptions to other properties in the same zoning district; and:

Please see attached on page 2.

c. Literal application of the provisions of the ULDR would deprive the applicant of a substantial property right that is enjoyed by other property owners in the same zoning district. (It shall be of no importance to this criterion that a denial of the variance sought might deny to the owner a more profitable use of the property, provided the provisions of the ULDR still allow a reasonable use of the property; and

Please see attached on page 2.

d. The unique hardship is not self-created by the applicant or his predecessors, nor is it the result of mere disregard for, or ignorance of, the provisions of the ULDR or antecedent zoning regulations; and

Please see attached on page 2.

e. The variance is the minimum variance that will make possible a reasonable use of the property and that the variance will be in harmony with the general purposes and intent of the ULDR and the use as varied will not be incompatible with adjoining properties or the surrounding neighborhood or otherwise detrimental to the public welfare.

Please see attached on page 2.

AFFIDAVIT: I, Freddy Arguda the Owner/Agent of said property ATTEST that I am aware of the following:

1. In order to be entitled to the relief requested in the application an affirmative vote of a majority plus one of the Board of Adjustment is required;
2. That in granting the relief requested, the Board of Adjustment is limited to the authority vested in the Board by the ULDR and that the Board may not grant the relief requested unless the applicant proves all the criteria specified in the ULDR have been met;
3. That the granting of relief by the Board does not exempt the applicant or owner of record from the responsibilities of obtaining all applicable permits or approvals as may be required by law for both new and existing structures;
4. That if the relief requested is granted by the Board, the applicant must secure a building permit to implement the relief requested within one hundred eighty (180) days of the entry of the final order or the Board, or within such lesser time as the Board may proscribe and that failure to procure the necessary permits within the time so proscribed shall render the variance or special exception null and void;
5. That if the Board denies the request for relief, then no additional application for the same or substantially the same relief may be entertained by the Board within two (2) years of the date of entry of the final order of denial.

Freddy Arguda
(Signature)

SWORN TO AND SUBSCRIBED before me in the County and State above aforesaid this 06 day of May, 2024

(SEAL)

Laura Zapata
NOTARY PUBLIC
MY COMMISSION EXPIRES: 12/8/2025

Notary Public State of Florida
Laura Zapata Castaneda
My Commission
HH 206185
Exp. 12/8/2025

Page 2a: Board of Adjustment (BOA) Criteria for Variance Request Responses

a) **Special conditions and circumstances affect the property at issue which prevent the reasonable use of such property; and:**
    1. The location for the PLCWC has a number of features associated with it that are special and unique. As noted previously, the Property is located adjacent to the City's wellfields, west of the FXE Airport and associated runways, south and west of a large existing lake (Gator Lake), east of an existing FP&L transmission line, and north of the existing sludge ponds that serve the existing Five Ash water treatment plant. These features taken together result in a very limited and compact area within which to construct the new water treatment facility. Given this limited footprint, the only pervious ground area within the site exists along the north, south, and east boundaries. This potential perimeter planting area encompasses or is in close proximity to critical underground piping serving the water treatment facility. As such, trees along the perimeter of the Facility are not being proposed to eliminate any risk of root intrusion, as well as eliminate any potential risk to above-ground structures during any severe weather event given the critical functions the Facility serves.

b) **Circumstances which cause the special conditions are peculiar to the property at issue, or to such a small number of properties that they clearly constitute marked exceptions to other properties in the same zoning district; and:**
    1. The circumstances are unique and peculiar to the Property. Given the nature of the use, a water treatment plant, the proposed sites are limited within the City. Any site must be owned or controlled by the City and in proximity to the wellfields and the existing Five Ash plant. The Property was identified through a long planning process and considering the surrounding features and uses noted above. As such, these circumstances are clearly marked exceptions to other properties similarly zoned.

c) **Literal application of the provisions of the ULDR would deprive the applicant of a substantial property right that is enjoyed by other property owners in the same zoning district. (It shall be of no importance to this criterion that a denial of the variance sought might deny to the owner a more profitable use of the property, provided the provisions of the ULDR still allow a reasonable use of the property; and**
    1. The literal application of the requirements of Section 47-21.13 of the ULDR would deprive the Applicant of the ability to develop the Property for the new PLCWC to serve the residents and businesses of the City.

d) **The unique hardship is not self-created by the applicant or his predecessors, nor is it the result of mere disregard for, or ignorance of, the provisions of the ULDR or antecedent zoning regulations; and**
    1. As mentioned above, the hardship is not self-created, but rather a product of the limited sites available to the City for the construction of this critical infrastructure, the existing features associated with the Property, and the design and operational aspects of the Facility that mitigate against the placement of trees or other landscaping in close proximity to the Facility operations.

e) **The variance is the minimum variance that will make possible a reasonable use of the property and that the variance will be in harmony with the general purposes and intent of the ULDR and the use as varied will not be incompatible with adjoining properties or the surrounding neighborhood or otherwise detrimental to the public welfare.**

1. The variance being requested is the minimum variance that will make possible the reasonable use of the Property. As the Landscape Plans demonstrate, the Applicant is proposing trees where possible given the Facility operations and to protect and ensure the integrity of the structures in the future. Trees are proposed within the associated parking lot and along the east side of Hawkins Road. Given the existing FP&L transmission line, trees cannot be planted along the west side of Hawkins Road. Due to the complex underground pipe design, as well as the pipes that deliver water to and from the Facility, coupled with the sensitive nature of the above-ground equipment, trees are not proposed around the boundary of the Facility. The requested variance is in harmony with the general purpose and intent of the ULDR and will not be incompatible with adjoining properties. The Applicant proposes to address the protection, preservation, and enhancement of the natural environment through the planting of mitigation trees outside the site area, namely along the north side of Gator Lake, which will not negatively impact the critical functions of the water treatment facility. As noted previously, the Facility is surrounded by land owned by the City to the west, east and north. The nearest neighborhood, Lofts of Palm Aire Village, is located north and will be visually separated from the Facility by the existing trees that surround Gator Lake, the lake itself, and additional mitigation trees that are proposed to be planted north of the lake. For all these reasons, approval of the variance will not be incompatible with the adjoining properties or the surrounding areas or otherwise detrimental to the public welfare.

Page 3: Checklist for submittal and completeness:

The following information and checklist outlines the necessary items for submittal to ensure the application is deemed complete. Failure to provide the information/items below will result in your application being deemed incomplete. Note: Fourteen (14) Copy Sets of each item below will be DUE AFTER your application has been DEEMED COMPLETE. The applicant will need to meet with staff PRIOR to submitting the BOA application submittal via Lauderbuild. *Meeting Request information and the link to schedule a meeting with staff can be found on the cover page of this BOA application.

■ **Preliminary BOA Meeting** - The applicant and/or agent met with staff on the following date: 04/19/2024

■ **Board of Adjustment Application Form**- The Board of Application form must be complete with the applicable information, signatures, and notarizations. *Submit the complete application form along with your submittal. **Page 4** of the BOA application is due **AFTER** sign(s) are posted.

■ **Proof of Ownership**- Warranty deed or tax record including corporation documents and Sunbiz verification name.

■ **Agent Authorization Form**- Authorization from **ALL** Property owner(s) is required. If the Property is owned by an Entity, Sunbiz verification must be included with the authorized agent form.

■ **Narrative**- Include the applicable ULDR code sections, Date, specific request, and criteria as described in the specifications for submittal by application. The narrative must be titled "Narrative" and indicate the author).

■ **Color Photographs**- Color photos of the entire property and all surrounding properties dated and labeled and identified as to orientation.

■ **Survey-** The survey of the property must be digitally signed and sealed, showing existing conditions; survey must be As Built with Right-of-Way and Easement Vacations Excluded. The survey should consist of the proposed project site alone. Do not include adjacent properties or portions of land(s) not included in the proposed project unless specifically requested by the City. *Must be the most recent survey and the date on the survey should not exceed one (1) year. **Copy sets of Survey must be at half-size scale 11x17".**

■ **Site Plan-** A full set of plans must be submitted a survey may be substituted if the requested variance is clearly indicated. Cover sheet on plan set to state project name and table of contents. **Copy sets of Plans must be at half-size scale 11x17".**

□ **Elevations-** If applicable **(**Elevations may be required by staff upon application submittal).

■ **Landscape Plans**- If applicable **(**Landscape Plans may be required by staff upon application submittal).

□ **Additional Plans**- If applicable (Additional Plans may be required by staff upon application submittal).

□ **Mail Notification Documents-** Mail Notice shall be given to owners of land within three hundred (300) feet of the subject site ten (10) days prior to the date set for the public hearing. Please submit the following:

- **TAX MAP:** Applicant shall provide a tax map from the Broward County Property Appraiser of all property within a three hundred (300) foot radius, with each property clearly shown and delineated. Each property within the notice area must be numbered (by Folio ID) on the map to cross-reference with property owners notice list.
- **PROPERTY OWNERS NOTICE LIST:** Applicant shall provide a property owner notice list with the names, property control numbers (Folio ID) and complete addresses for all property owners within the required three hundred (300) foot radius. The list shall also include all homeowners' associations, condominium associations, municipalities and counties noticed, as indicated on the tax roll.
- **ENVELOPES**: The applicant shall provide business size (#10) envelopes with first class postage attached (stamps only, metered mail will not be accepted). Envelopes must be addressed to all property owners within the required three hundred (300) foot radius, and mailing addresses must be typed or labeled; no handwritten addresses will be accepted. The return address shall be listed on all envelopes as follows: **City of Fort Lauderdale- Zoning Division (BOA, 700 N.W. 19TH Avenue, Fort Lauderdale, Florida 33311**

City of Fort Lauderdale- Zoning Division (BOA)
700 N.W. 19th Avenue
Fort Lauderdale, Florida 33311

How To order a Tax Map and Notice List- To order a tax map and notice list, please contact Heather Hanson at hhanson@bcpa.net or call 954-357-6855 OR Kenny Gibbs at kgibbs@bcpa.net or call 954-357-5503. **Distribution:** The City of Fort Lauderdale, Zoning & Landscaping Division will mail all notices prior to the public hearing meeting date, as outlined in Section 47-27.

How to Submit Your Application submittal- Submittals must be conducted through the City's Online Citizen Access portal- LauderBuild. No hard copy application submittals are accepted. View plan and document requirements at LauderBuild Plan Room. View file naming and Convention standards at File Naming Convention Standards

Please Note: All copy sets must be clear, accurate and legible. All non-plan documents should be 8 1/2" x 11". Plans must be folded to 8 1/2" x 11".

62- 97298

WARRANTY DEED
FROM CORPORATION TO CORPORATION
DREW'S FORM D. D. 881½

Manufactured and for sale by The H. & W. B. Drew Company
Jacksonville, Florida

OFF. REC. 2456 PAGE 741

This Warranty Deed *Made and executed the* 29th *day of* October *A. D.* 1962 *by*
MAULE INDUSTRIES, INC.,
a corporation existing under the laws of Florida *, and having its principal place of business at* 5220 Biscayne Boulevard, Miami, Florida
hereinafter called the grantor, to CITY OF FORT LAUDERDALE, FLORIDA

BROWARD COUNTY STATE OF FLORIDA DOCUMENTARY STAMP TAX NOV 2-'62 9900

a corporation existing under the laws of the State of Florida *, with its permanent postoffice address at* P. O. Drawer 1181, Fort Lauderdale, Florida
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth: *That the grantor, for and in consideration of the sum of* $ 10.00 *and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the grantee, all that certain land situate in* [redacted] *County, Florida, viz:*

SEE SCHEDULE "A" ATTACHED HERETO

62 NOV 2 PM 3:18

BROWARD COUNTY STATE OF FLORIDA DOCUMENTARY STAMP TAX NOV2-'62 9900

BROWARD COUNTY STATE OF FLORIDA DOCUMENTARY STAMP TAX NOV2-'62 9900

Together *with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.*

To Have and to Hold, *the same in fee simple forever.*

And *the grantor hereby covenants with said grantee that it is lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land; that it hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances* , except taxes for the year 1962.

BROWARD COUNTY STATE OF FLORIDA DOCUMENTARY STAMP TAX NOV2-'62 9900

[redacted]

(CORPORATE SEAL)

In Witness Whereof *the grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officers thereunto duly authorized, the day and year first above written.*

ATTEST: E. T. Maule
Secretary

MAULE INDUSTRIES, INC.

Signed, sealed and delivered in the presence of:

Fred L. Wilong, Jr.

Jane Lee H. Sutton

By George C. Riegger
President

BROWARD COUNTY STATE OF FLORIDA DOCUMENTARY STAMP TAX NOV2-'62 9900

STATE OF Florida
COUNTY OF Dade

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared George C. Riegger and E. T. Maule

well known to me to be the President and Secretary respectively of the corporation named as grantor in the foregoing deed, and that they severally acknowledged executing the same in the presence of two subscribing witnesses freely and voluntarily under authority duly vested in them by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this 29th day of October , A. D. 1962.

BROWARD COUNTY STATE OF FLORIDA DOCUMENTARY STAMP TAX NOV2-'62 5800

Notary Public

My commission expires:

Notary Public, State of Florida at Large
My commission expires Apr. 3, 1965
Bonded by Aetna Casualty & Surety Co.

PAGE 741

A parcel of land in Tract 7, Block 96, of PALM BEACH FARMS, according to the plat thereof recorded in Plat Book 2, Page 54, of the public records of Palm Beach County, Florida, more particularly described as follows:

Beginning at the Southwest corner of said Tract 7, thence Northerly along the West property line of said Tract 7, on an assumed bearing of North, a distance of 1019.28 feet to a point; thence Southeasterly on a bearing of South 79° 19'54" East, a distance of 1301.53 feet to a point; thence Southerly on a bearing of South 02° 50' 18" West along the East property line of said Tract 7, a distance of 833.21 feet to the Southeast corner of said Tract 7; thence Westerly along the Southerly property line of said Tract 7, on a bearing of North 87° 32' 19" West, a distance of 1238.07 feet to the Point of Beginning, containin 27 acres, more or less;

Together with the S½ of the NW¼ of Tract 9 of said Block 96 of PALM BEACH FARMS, and all of the SW¼ of Tract 9, of said Block 96 of Palm Beach Farms; containing 18.15 acres, more or less;

Together with all of Tract 10 of said Block 96 of PALM BEACH FARMS, LESS the following described Parcel: A parcel of land in Tract 10, Block 96 of Palm Beach Farms, according to the plat thereof recorded in Plat Book 2, Page 54 of the public records of Palm Beach County, Florida, more particularly described as follows: Beginning at the Southwest corner of said Tract 10; thence Easterly along the Southerly property line of said Tract 10, a distance of 249 feet to a point; thence Northerly on a line parallel to and 249 feet East of the West property line of said Tract 10, a distance of 350 feet to a point; thence Westerly on a line parallel to, and 350 feet North of the South property line of said Tract 10, a distance of 249 feet; thence Southerly along the West boundary line of said Tract 10, a distance of 350 feet to the Point of Beginning; containing 37.67 acres, more or less; AND

All of Tract 8; E½ of Tract 9 and N½ of NW¼ of Tract 9, all in Block 96 of Palm Beach Farms Company Plat #3 recorded in Plat Book 2 at page 54 of the public records of Palm Beach County, Florida, LESS

A tract of land in Tract 7 of Block 96, Section 7, Township 49 South, Range 42 East, Palm Beach Farms Subdivision, Plat #3, according to the plat thereof recorded in Plat Book 2 at page 54 of the public records of Palm Beach County, Florida; said tract being more particularly described as follows:

Commence at the Southwest corner of said Tract 7 and run thence Northerly 83.82 feet along the Westerly boundary thereof to the Point of Beginning; continue thence Northerly 935.46 feet along said boundary to the Southerly boundary of the property of James M. Stoinoff; thence Easterly 666.5 feet along said Southerly boundary of James M. Stoinoff property; thence South 37° 20' 31" West, 1060 feet, more or less to the Point of Beginning; containing 7.0 acres, more or less; And LESS the following described property:

From the Centre of Section 7, Township 49 South, Range 42 East, (a point that lies in Tract 8 of Block 96 of Palm Beach Farms) Westerly along the quarter section line of said Section 7, a distance of 260 feet to a point of Beginning; thence Southerly at right angles to the quarter section line of Section 7 a distance of 508.2 feet to a point; thence Westerly along a line parallel to the Quarter section line of Section 7 a distance of 600 feet to a point; thence Northerly at right angles a distance of 508.2 feet to a point on the quarter section line of Section 7; thence Easterly along the quarter section line of Section 7, a distance of 600 feet to the Point of Beginning; containing 7 acres, more or less; AND Subject to the following described Easement:

From a point established by the intersection of the center section line of Section 7, Township 49 South, Range 42 East, and the West boundary of Tract 7, Block 96 of Palm Beach Farms; proceed due South a distance of 16.40 feet; thence South 79° 19' 54" East for a distance of 672.50 feet to a Point of Beginning of this Parcel of land referred to as an Easement; from this Point continue on the Southeasterly line described for a distance of 1,038 feet, more or less, to the West boundary line of the parcel of land owned or to be owned by the State Road Department; thence due South 25 feet, thence Northwesterly parallel to the Southeasterly line a distance of 1,038 feet more or less; thence Northeasterly 25 feet to a Point of Beginning of this parcel of land referred to as an Easement. And less easements and Rights-of-Way of record.

RECORDED IN OFFICIAL RECORDS BOOK OF BROWARD COUNTY, FLORIDA
J. P. HEISTERBACK
CLERK OF C[illegible]

RETURN TO CITY ATTORNEY
P. O. DRAWER 14250
FT. LAUDERDALE, FLA. 33302

Prepared by ~~and return to~~
Thomas E, Byrd, 524 South
Andrews Avenue, Suite 303,
Fort Lauderdale, Florida 33301

73-156517

WARRANTY DEED

THIS WARRANTY DEED made and entered into this 11th day of May, 1979 by GENERAL ELECTRIC CREDIT CORPORATION, a corporation existing under the laws of the State of New York, and having its principal place of business at 260 Long Ridge Road, Stamford, Connecticut 06904 hereinafter called the Grantor, to CITY OF FORT LAUDERDALE, a Municipal Corporation of the State of Florida, with its permanent post office address at P. O. Drawer 14250, Ft. Lauderdale, Florida 33302 hereinafter called the Grantee:

WITNESSETH: That the Grantor, for and in consideration of the sum of $10.00 and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee, all that certain land situate in BROWARD COUNTY, Florida, viz:

SEE EXHIBIT "A" ATTACHED HERETO.

Subject to:

1. Conditions, restrictions, limitations, reservations and easements of record.
2. Zoning and/or restrictions and prohibitions imposed by governmental authority.
3. Taxes for the year 1979 and subsequent years.

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.

AND the Grantor hereby covenants with said Grantee that it lawfully seized of said land in fee simple; that it has good right and lawful authority to sell and convey said land; that it hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF the said Grantor has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officer thereunto duly authorized, the day and year first above written.

Signed, sealed and delivered in the presence of:

GENERAL ELECTRIC CREDIT CORPORATION,
a New York corporation

By _____
Ramon R. Cacicedo, Vice President

(CORPORATE SEAL)

79 MAY 11 AM 8:45

RECORD VERIFIED

8227 PAGE 621

STATE OF Florida

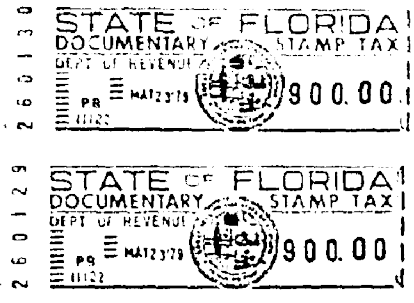
COUNTY OF Dade

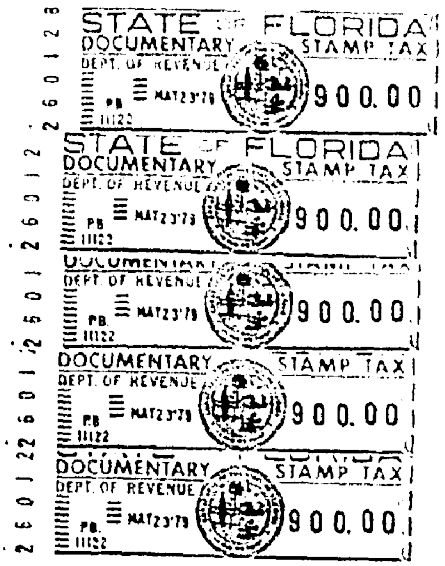
I HEREBY CERTIFY that on this day bwfore me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared RAMON R. CACICEDO, well known to me to be the Vice President of the corporation named as Grantor in the foregoing Deed, and that he severally acknowledged executing the same in the presence of two subscribing witnesses freely and voluntarily under authority duly vested in him by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

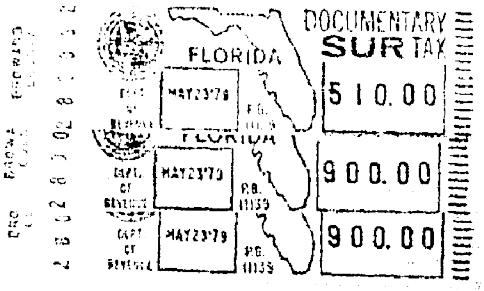
WITNESS my hand and official seal in the County and State last aforesaid this 14th day of May, 1979.

Notary Public

My commission expires:







8227 PAGE 622

EXHIBIT "A" to the Warranty Deed of the 11th day of May, 1979; GENERAL ELECTRIC CREDIT CORPORATION, Grantor; CITY OF FORT LAUDERDALE, Grantee.

That portion of the South 1/2 of the SW 1/4 of the NW 1/4 of the SE 1/4 of Section 7, Township 49 South, Range 42 East, lying East of "PALM BEACH FARMS", as recorded in Plat Book 2, at Page 54, of the Public Records of Palm Beach County, Florida; and that portion of the South 1/2 of the SE 1/4 of Section 7, Township 49 South, Range 42 East, lying East of said "PALM BEACH FARMS", LESS: Road Right-of-Way for Prospect Road, according to State of Florida State Road Department Right-of-Way Map (DA-BR-17), and LESS: The East 1/2 of the NE 1/4 of the SE 1/4 of the SE 1/4 of said Section 7, Broward County, Florida.

EXHIBIT "A"

RECORDED IN THE OFFICIAL RECORDS BOOK
OF BROWARD COUNTY, FLORIDA
GRAHAM W. WATT
COUNTY ADMINISTRATOR

BK 8227 PG 623

Description: Broward,FL Document - Book.Page 8227.621 Page: 3 of 3
Order: 6404118 Comment:

*** Examiner Note: Grantor is the Developer of the plat ***

QUIT-CLAIM DEED FROM CORPORATION

82-145625

RAMCO FORM 42

This Quit-Claim Deed, *Executed this* 12th *day of* February *, A D 19* 82 *, by*
FPA CORPORATION

a corporation existing under the laws of Delaware *, and having its principal place of business at* 2501 Palm Aire Drive North, Pompano Beach, Florida 33060 *first party, to*

CITY OF FORT LAUDERDALE, a municipal corporation of the State of Florida

whose postoffice address is [illegible]

second party

Wherever used herein the terms "first party" and "second party" shall include singular and plural heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.

Witnesseth, *That the said first party, for and in consideration of the sum of* $ 10.00 *in hand paid by the said second party, the receipt whereof is hereby acknowledged, does hereby remise, release and quit claim unto the said second party forever, all the right, title, interest, claim and demand which the said first party has in and to the following described lot, piece or parcel of land, situate, lying and being in the County of* Broward *State of* Florida *to wit*

Tracts "B" and "C", PALM AIRE VILLAGE 4TH SECTION, according to the Plat thereof, as recorded in Plat Book 96, Page 35 of the Public Records of Broward County, Florida.

To Have and to Hold *the same together with all and singular the appurtenances thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity and claim whatsoever of the said first party, either in law or equity, to the only proper use, benefit and behoof of the said second party forever.*

In Witness Whereof *the said first party has caused these presents to be executed in its name, and its corporate seal to be hereunto affixed, by its proper officers thereunto duly authorized, the day and year first above written.*

CORPORATE SEAL

ATTEST T. W. Gell Secretary

FPA CORPORATION,
a Delaware Corporation

Signed, sealed and delivered in the presence of

By Thor Amlie

STATE OF FLORIDA
COUNTY OF BROWARD

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared THOR AMLIE and T. W. GELL, well known to me to be the President and Secretary, respectively, of the corporation named as a party in the foregoing deed, and that they severally acknowledged executing the same in the presence of two subscribing witnesses, freely and voluntarily under authority duly vested in them by said corporation and that the seal affixed thereto is the true corporate seal of said corporation.

WITNESS my hand and official seal in the County and State last aforesaid this [illegible] day of [illegible] A.D. 19[illegible]

Notary Public
My Commission expires:

This instrument prepared by David E. Todd
Address Osborne & Hankins
Attorneys at Law
4040 Palm Aire Drive West
Pompano Beach, Florida 33060

REC 10221 PAGE 753

BOARD OF ADJUSTMENT -AGENT AUTHORIZATION FORM

Rev: 0 | **Revision Date:** 01/30/2024 | **Print Date:** 0/00/0000
I.D. Number: BOAAAF

AGENT AUTHORIZATION FORM

I Susan Grant, Acting City Manager/ City of Fort Lauderdale ("Owner") as the current title owner of the real
[Print First and Last Name of the title Owner **OR** Name of Corporation]
property located at 5900 Hawkins Road ("Property"), do hereby authorize
[Print Property Address]
Holland & Knight, LLP and Kiewitt ("Authorized Agent") to act as my agent regarding the submittal
[Print First and Last Name of Agent]
of a variance/special exception application to the City of Fort Lauderdale and appear at any and all scheduled hearings before the Board of Adjustment for the City of Fort Lauderdale, on the date, time and location specified on the Hearing Notice.

I authorize my agent to communicate with the City of Fort Lauderdale regarding my pending variance/special exception application and, by signing this authorization form, I hereby authorize the City of Fort Lauderdale to accept and rely on any and all communications from my Authorized Agent, whether written or oral, regarding all issues related to my pending variance/special exception application. I understand and agree that, as the Property Owner, I remain responsible for all terms and conditions outlined in the variance/special exception application, all required hearing appearances related to my variance/special exception application, and any request by the City of Fort Lauderdale and/or the Board of Adjustment to submit additional document(s) and or record(s) in support of my pending variance/special exception application.

Notwithstanding the City's receipt of my completed and executed Agent Authorization Form. I understand and agree, the City will mail or deliver all notices relating to my pending variance/special exception application to my property address, as listed on my variance/special exception application. I further understand and agree, the City of Fort Lauderdale and the Board of Adjustment assume no liability for my failure or my Authorized Agent's failure to comply with any terms or conditions outlined in my variance/special exception application, and/or my failure or my Authorized Agent's failure to appear on my behalf at any duly noticed hearings before the Board of Adjustment.

I further agree to INDEMNIFY AND HOLD HARMLESS and hereby RELEASE, WAIVE, DISCHARGE, HOLD HARMLESS AND FOREVER COVENANT NOT TO SUE the City of Fort Lauderdale, its elected officials, employees, servants, representatives, associates, officers, agents, guests, invitees, volunteers, partners, successors and assigns from any and all liability, claims, demands, action, judgments, costs, expenses, court costs, attorney fees and causes of action whatsoever arising out of or related to any loss or damage to property, and/or injury to any person, including death, WHETHER CAUSED BY, ALLEGEDLY CAUSED BY, OR CONTRIBUTED IN WHOLE OR IN PART by the action, failure to act, negligence, breach of contract or other misconduct by my me, my Authorized Agent, my employees, servants, representatives, associates, officers, agents, volunteers, partners, successors and assigns,

Approval by: Mohammed Malik, Manager
Uncontrolled in hard copy unless otherwise marked
WE BUILD COMMUNITY

BOARD OF ADJUSTMENT -AGENT AUTHORIZATION FORM

Rev: 0 | **Revision Date:** 01/30/2024 | **Print Date:** 0/00/0000
I.D. Number: BOAAAF

relating in any way to the City of Fort Lauderdale's reliance of the authority granted to my Authorized Agent pursuant to this Form.

BY SIGNING THIS RELEASE AND HOLD HARMLESS AGREEMENT, I ATTEST, AFFIRM, AND REPRESENT THAT I AM THE TITLE OWNER/AUTHORIZED PERSON FOR THE PROPERTY AND THAT ALL OF THE FOLLOWING STATEMENTS ARE TRUE AND CORRECT: I am at least eighteen (18) years of age and of sound and competent state of mind at the time executed this Agent Authorization Form; I executed this Agent Authorization Form as an expression of my own free act and deed; There are no oral representations or statements, apart from this Agent Authorization Form and intend to be bound by its terms; and I was not induced by the City, its employees and/or agents, or anyone, to execute this
Agent Authorization Form. ***Please provide proof of ownership. If the property is owned by an Corporation, please submit Sunbiz Verification with this form.**

WITNESS:

Donna Varisco
Witness Signature

Donna Varisco
Print Name

May 13, 2024
Date

Susan Grant
Signature - Owner/Authorized Individual

Susan Grant
Print Name - Owner/ Authorized Individual

Acting City Manager
Print Title - Authorized Individual

STATE OF Florida
COUNTY OF Broward

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 13th day of May, 2024, by Susan Grant, Acting City Manager, an individual who is ☑ personally known to me ☐ or has produced _____ as identification

[NOTARY SEAL]

REBECCA MCCLAM
Notary Public - State of Florida
Commission # HH 306617
My Comm. Expires Aug 29, 2026
Bonded through National Notary Assn.

R. McClam
(Signature of Notary Public- State of Florida)

8/29/2026
My Commission Expires:

Print, Type, or Stamp Commissioned Name of Notary Public)

WE BUILD COMMUNITY

folio	name	add
494207000170	CITY OF FORT LAUDERDALE	528 NW 2
494207000180	CITY OF FORT LAUDERDALE	528 NW 2
494207000190	CITY OF FORT LAUDERDALE	528 NW 2
494207000110	CITY OF FORT LAUDERDALE	528 NW 2
494207000100	CITY OF FORT LAUDERDALE	528 NW 2
494207061630	CITY OF FORT LAUDERDALE	528 NW 2
494207010160	CITY OF FORT LAUDERDALE	528 NW 2
494207010280	BROWARD COUNTYBOARD OF COUNTY COMMISSIONERS	115 S ANDREWS AVE RM 501-RP
494218160270	AKF3 SF LIGHT INDUSTRIAL LLC%ADLER KAWA REAL ESTATE ADVISORS	800 BRICKELL AVE #701
494218160310	BRE ALPHA INDUSTRIAL PROPERTYOWNER LLC % GATEWAY	PO BOX A-3879
494207061510	MARKS,PATRICIA A	6101 NW 34 WAY
494207061520	YOUNG,KAREN BETH	6111 NW 34 WAY
494207061530	DRAULT,LAURA M	10221 SW 40 ST
494207061540	JEAN,ROGER ANTHONY JR	6131 NW 34 WAY
494207061550	SMITH,FLORENTA CLAUDIAWOOLERY,HUGH O	6141 NW 34 WAY
494207061560	PALMER, ALEXANDER	6151 NW 34 WAY
494207061570	VASSOR,JENNIFER	6161 NW 34 WAY
494207061580	BLY,LEO JRDINGAL,GENEROSA DAGOHOY	9080 TALWAY CIR
494207061590	MURPHY,MADELINE C	6181 NW 34 WAY
494207061640	THE LOFTS OF PALM AIRE VLGHOMEOWNERS ASSOC INC	3270 NW 62 ST
4942 07 06 1600	GLB LLC	6191 NW 34 WAY
494207061420	LAWRENCE,BELIKA	6180 NW 34 WAY
494207061430	RAMOUTAR,KANCHAND	6170 NW 34 WAY
494207061440	ROBERTS,STUART D & KATHLEEN R	6160 NW 34 WAY
494207061450	TAPIA,GENICETAPIA,LUIS A	6150 NW 34 WAY
494207061460	KEANE,BARBARA C	6140 NW 34 WAY
494207061470	ALBERT,WAYNE	6130 NW 34 WAY
494207061480	CARDWELL, GARRETT QUIRINDONGO, VIANCA	730 NE 58 ST
494207061490	MIHOVCH,VICKI L	9 SAGE CIR
494207061500	WENGERT,TARAWENGERT,NICOLE	6100 NW 34 WAY
4942 07 06 1410	MILLER-ALMODOVAR, DAHLENE	6190 NW 34 WAY
494207061310	MANNING, NEVIN	6101 NW 34 TER
494207061320	BLANC,GREGORY T	6111 NW 34 TER
494207061330	SASSER, PRESTON P SASSER, TIFFANY	7410 E CYPRESSHEAD DR
494207061340	QUINN,THOMAS P III	6131 NW 34 TER
494207061350	BOURDO,JONETTE	6141 NW 34 TER

494207061360	VERANO,DENISSE I	6151 NW 34 TER
494207061370	SCHWARZ,DAVID P	6161 NW 34 TER
494207061380	PRISCIANTELLI,MICHAEL T	6171 NW 34 TER
494207061390	MULLIN,JAMES & RACHEL	6181 NW 34 TER
4942 07 06 1400	GRIGORAKOS, DENISE	6191 NW 34 TER
494207061220	LBJGDD LLC	9080 TALWAY ST
494207061230	ESTIME,CHRISTLANDE	6170 NW 34 TER
494207061240	RUBIN,CRAIG	6160 NW 34 TER
494207061250	AVAKIAN,DAVID & ROXANNEAVAKIAN FAM REV LIV TR	6150 NW 34 TER
494207061260	ACRISTIB LLC	11111 BISCAYNE BLVD #807
494207061270	MURIEL,LUIS A & ELIZABETH L	6130 NW 34 TER
494207061280	PUIA,CARL A H/EPUIA,DEBORAH A	6120 NW 34 TER
494207061290	CARR,LAUREN G	6110 NW 34 TER
494207061300	GONZALEZ,MARISSA	6100 NW 34 TER
4942 07 06 1210	SPIHER, BARBARA D	6190 NW 34 TER
494207061110	COTS,MILAGROS EUGENIA	6101 NW 33 WAY
494207061120	SEGACOASTAL INVESTMENTS LLC	12864 BISCAYNE BLVD #397
494207061130	PEREIRA,TATIANE	6121 NW 33 WAY
494207061140	MARKS,LANETTA	6131 NW 33 WAY
4942 07 06 1670	PUBLIC LAND% CITY OF FORT LAUDERDALE	100 N ANDREWS AVE

city	state	zip	zip 4
FORT LAUDERDALE	FL	33311	
FORT LAUDERDALE	FL	33311	
FORT LAUDERDALE	FL	33311	
FORT LAUDERDALE	FL	33311	
FORT LAUDERDALE	FL	33311	
FORT LAUDERDALE	FL	33311	
FORT LAUDERDALE	FL	33311	
FORT LAUDERDALE	FL	33301	1801
MIAMI	FL	33131	
CHICAGO	IL	60690	
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DAVIE	FL	33328	
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FORT LAUDERDALE	FL	33309	
FORT LAUDERDALE	FL	33309	
BOYNTON BEACH	FL	33472	
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FORT LAUDERDALE	FL	33309	

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FORT LAUDERDALE	FL	33309	
BOYNTON BEACH	FL	33472	
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MIAMI	FL	33181	
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FORT LAUDERDALE	FL	33309	

FORT LAUDERDALE	FL	33301	

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7-49-42NW1/4 OF SE1/4 OF SE1/4
7-49-42SW1/4 OF SE1/4 OF SE1/4
7-49-42SW1/4 OF SE1/4 LESS PT INPALM BEACH FARMS & LESS RD R/W
LESS RD R/W
PALM-AIRE VILLAGE 4TH SECTION96-35 BTRACT C

PALM BEACH FARMS 2-54 PBTR 8 LESS PT AS DES IN OR 676/62& LESS RD R/W & LESS PT OF TR8 LYING IN N1/2 OF SEC &LESS PT DESC IN OR 9008/198 FORRD R/W,TR 9 E1/2 LESS RD R/W &TR 9 N1/2 OF NW1/4

PALM BEACH FARMS 2-54 PB7-49-42E 22.5 OF LOTS 8 & 9,BLK 96;ANDW 22.5 OF THAT PT OF S1/2 OF SW1/4 OF NW1/4 OF SE1/4 OF SEC 7LYING E OF 25' R/W LYING E OF TR8 & 9,BLK 96 LESS POR IN OR6411/294; AND TOG WITH W 22.5 OFTHAT PT OF SW1/4 OF SE1/4 OF SEC7 LYING E OF 25' R/W LYING E OFTR 8 & 9,BLK 96

PROSPECT IND & COMMERCIAL PARK104-17 BLOT 1 BLK 4

PROSPECT IND & COMMERCIAL PARK104-17 BPORTION OF LOT 3 BLK 5 DESC ASCOMM AT NW COR OF NE1/4 OF SEC18-49-42,E 96.13,SW 103.77,W 30TO POB,SW 249.07,S 140.71,W 30,S30,NW 345.92,NE 451.23,SE 338.18SE 42.43 TO POB
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 151
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 152
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 153
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 154
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 155
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 156
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 157
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 158
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 159

PALM-AIRE VILLAGE 4TH SECTION 96-35 B TRACT D AKA: RACQUET BALL COURT
PALM-AIRE VILLAGE 4TH SECTION 96-35 B LOT 160
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 142
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 143
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 144
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 145
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 146
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 147

PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 148
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 149
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 150

PALM-AIRE VILLAGE 4TH SECTION 96-35 B LOT 141
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 131
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 132

PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 133
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PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 138
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 139
PALM-AIRE VILLAGE 4TH SECTION 96-35 B LOT 140
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 122
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PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 124

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PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 129
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PALM-AIRE VILLAGE 4TH SECTION 96-35 B LOT 121
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 111
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 112
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 113
PALM-AIRE VILLAGE 4TH SECTION96-35 BLOT 114
PALM-AIRE VILLAGE 4TH SECTION 96-35 B ROAD RIGHT OF WAYS DEDICATED PER PLAT LESS THOSE DESC IN OR 6411/294

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4205560	0	0	4205560	0	0	2798780	3078650	4205560	0	0	0	1450500	3078650	4205560
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26480	0	0	26480	0	0	26480	26480	26480	0	0	0	873860	26480	26480

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	HAWKINS	RD	FL	33309	26480	0	0	0	0

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26480	873860	0	0	0	0	873860	0	0	0	0	0

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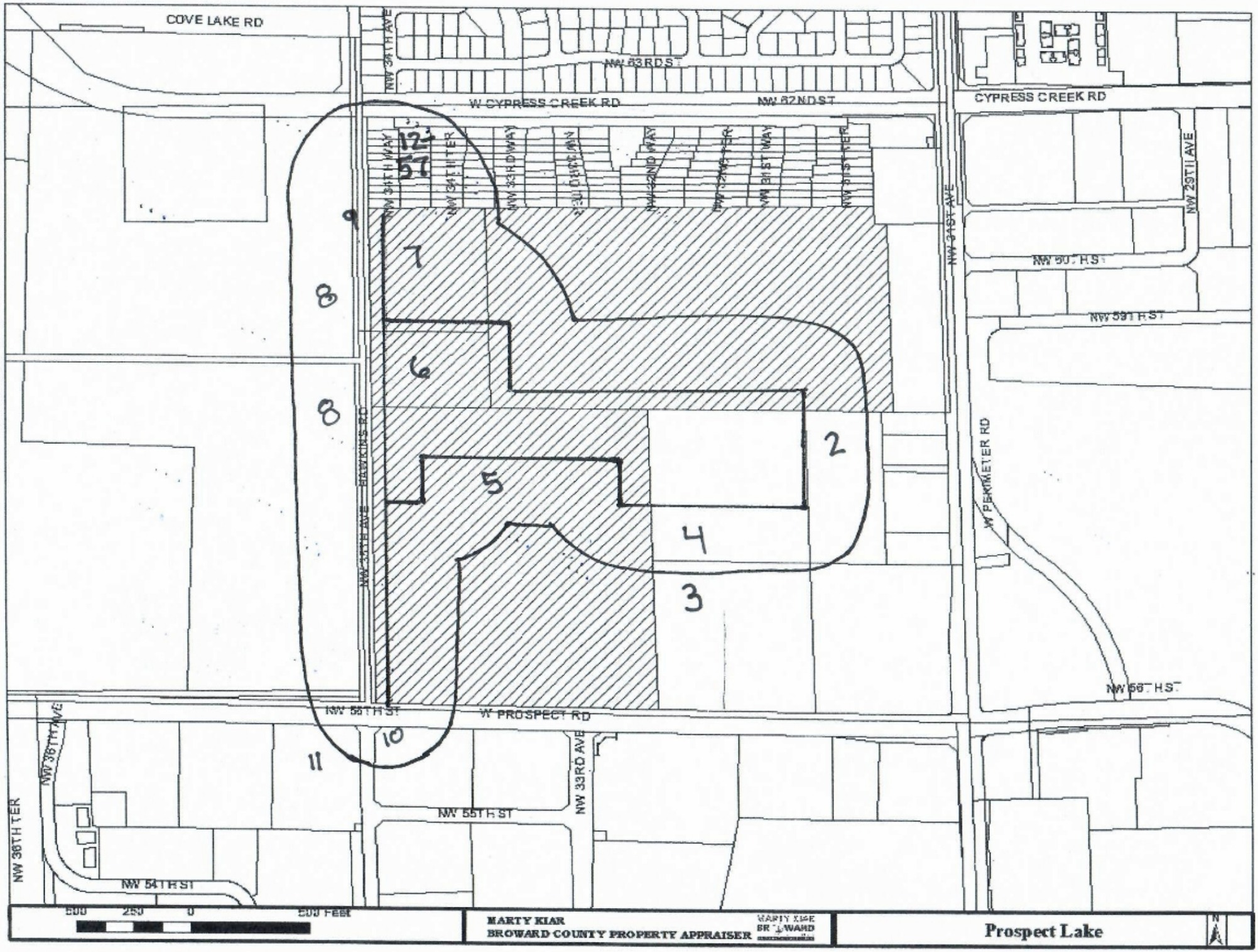
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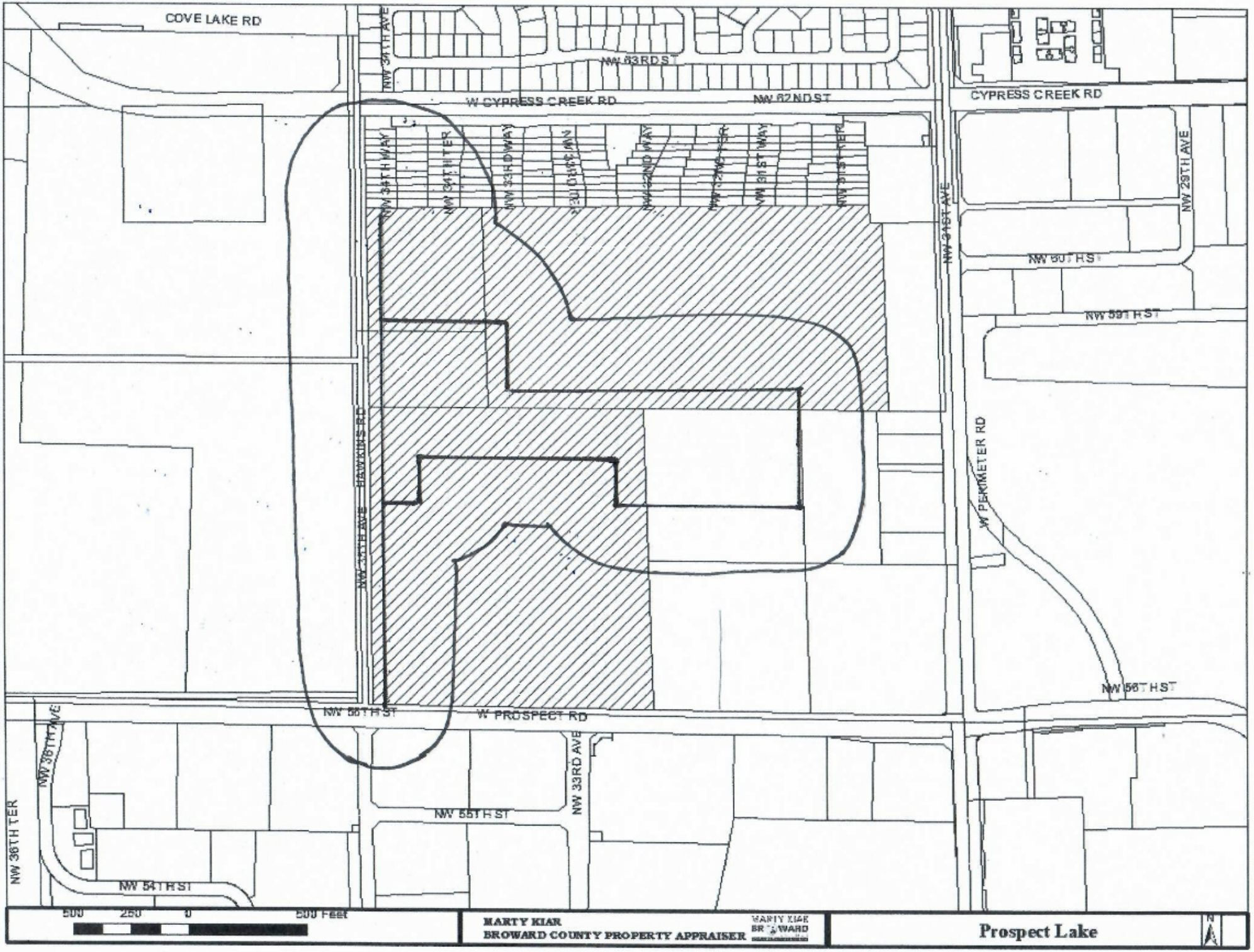
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COVE LAKE RD
NW 83RD ST
W CYPRESS CREEK RD
NW 82ND ST
CYPRESS CREEK RD
NW 36TH AVE
NW 34TH WAY
NW 34TH TER
NW 33RD WAY
NW 33RD TER
NW 32ND WAY
NW 32ND TER
NW 31ST WAY
NW 31ST TER
NW 34ST AVE
NW 29TH AVE
NW 59TH ST
NW 58TH ST
NW 56TH ST
W PEMBROKE RD
NW 35TH AVE
BROWARD BLVD
NW 55TH ST
W PROSPECT RD
NW 33RD AVE
NW 38TH AVE
NW 38TH TER
NW 54TH ST
12
57
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11
500 250 0 500 FEET
MARTY KIAR
BROWARD COUNTY PROPERTY APPRAISER
Prospect Lake
N


COVE LAKE RD
NW 34TH AVE
NW 63RD ST
W CYPRESS CREEK RD
NW 62ND ST
CYPRESS CREEK RD
NW 34TH WAY
NW 34TH TER
NW 33RD WAY
NW 33RD TER
NW 32ND WAY
NW 32ND TER
NW 31ST WAY
NW 31ST TER
NW 34ST AVE
NW 29TH AVE
NW 60TH ST
NW 59TH ST
W PERIMETER RD
HAWKINS RD
NW 56TH ST
W PROSPECT RD
NW 56TH ST
NW 36TH AVE
NW 33RD AVE
NW 55TH ST
NW 36TH TER
NW 54TH ST
500 250 0 500 Feet
MARTY KIAR
BROWARD COUNTY PROPERTY APPRAISER
Prospect Lake
N

Prospect Lake Clean Water Center

Board of Adjustment Narrative

May 3, 2024

Project Description: The Application seeks variance approval to allow the development of the Prospect Lake Clean Water Center ("PLCWC" or the "Facility"), which will replace the existing Five Ash Water Treatment plant currently serving the residents and businesses in the City of Fort Lauderdale. The PLCWC is a state-of-the-art facility that will utilize the technologies of ion exchange and nanofiltration with the objective of improving water supply reliability, water quality, and compliance with local and regional water standards. This Facility will be capable of treating 50 million gallons of well water per day to provide potable water for the City of Fort Lauderdale (the "City").

PLCWC is located within a parcel of land owned by the City at 5900 Hawkins Road (the "Property"). The site is located west of the Fort Lauderdale Executive Airport and N.W. 31st Avenue, east of U.S. 441 and south of Cypress Creek Road and Gator Lake. The singular access to the Facility is from Prospect Road to the south. The site currently houses the City of Fort Lauderdale's wellfield and various additional City facilities. The Facility will consist of a series of structures and equipment which include, but is not limited to, tanks, filters, pumps, an Admin/Control/Warehouse Building, and a Nano Filtration Building. Of particular importance to the instant application is the complex underground piping system that connects the various elements of the water treatment plant, including the above ground treatment and filtration systems. As a result, landscaping in and around the Facility is at a minimum and primarily consists of gravel and sod.

Land Use and Zoning: The Property has an underlying land use designation of Employment Center and is zoned Commerce Center (CC) District. The use of the Property for a water treatment plant is a permitted use within the CC District zoning. The Property subject to the underlying Site Plan approval is surrounded to the east, north and west by property owned by the City. The Facility is bounded to the south by Prospect Road, which will also provide the sole access to the Facility.

Concurrent Applications: The Applicant has previously submitted an application to plat the Property underlying the PLCWC (Application No. UDP-P23004) ("Plat Application"). The Plat Application also seeks to vacate a portion of the 50' ingress/egress and utility easement dedicated by the Palm Aire Village 4th Section Plat (Plat Book 96, Page 35), as well as vacating a portion of Hawkins Road dedicated by the Palm Beach Farms Plat No. 3 Plat (Plat Book 2, Page 45). The Applicant is also processing two separate road vacation applications with the City to vacate the remainder of Hawkins Road previously dedicated by two separate deeds. With the road vacation application, that portion of Hawkins Road located west of the Facility will become a private drive subject to a public utilities easement to serve the existing and future utilities serving the area. Finally, the Applicant has also submitted and received conditional approval of its application for Site Plan approval (Application No. UDP-S23049) for the development of the PLCWC.

Variance Request: The Applicant requests a favorable consideration by the Board of Adjustment of the following variance from Section 47-21 of the Unified Land Development Regulations

("ULDR") to accommodate the development of the PLCWC, a critical infrastructure facility for the City:

- **Section 47-21.13.B.1.a –** ***Landscape Requirements for all Zoned Districts***.

  B. Landscape requirements.

  1. Yards and other portions of a parcel of land not utilized for structures, required walks, vehicular use area including VUA required landscaping, decking, pool and other impervious areas, shall be covered with a lawn or ground cover and shall comply with the following:

  a. There shall be at least one (1) tree for each one thousand (1,000) square feet of net lot area or portion thereof. This tree planting requirement is in addition to the VUA landscaping requirements. Twenty (20) percent of the trees shall be shade trees.

  VARIANCE REQUEST: Requesting a variance from Section 47-21.13.B.1.a including a requirement to provide a total of ninety-three (93) trees within the yards and other portions of the Site Plan not utilized for structures, required walks and VUA, decking, pool and other impervious areas to be reduced to a total of _____47____ trees, for a total variance of _____46_____ trees.

Variance Criteria: Section 47-24.12.A.4 of the ULDR provides the following criteria that must be met for the granting of a variance:[1]

a. Special conditions and circumstances affect the property at issue which prevent the reasonable use of such property; and

The location for the PLCWC has a number of features associated with it that are special and unique. As noted previously, the Property is located adjacent to the City's wellfields, west of the FXE Airport and associated runways, south and west of a large existing lake (Gator Lake), east of an existing FP&L transmission line, and north of the existing sludge ponds that serve the existing Five Ash water treatment plant. These features taken together result in a very limited and compact area within which to construct the new water treatment facility. Given this limited footprint, the only pervious ground area within the site exists along the north, south, and east boundaries. This potential perimeter planting area encompasses or is in close proximity to critical underground piping serving the water treatment facility. As such, trees along the perimeter of the Facility are not being proposed to eliminate any risk of root intrusion, as well as eliminate any potential risk to above-ground structures during any severe weather event given the critical functions the Facility serves.

[1] The Applicant's responses to each of the stated criteria is noted in bold and italics.

b. Circumstances which cause the special conditions are peculiar to the property at issue, or to such a small number of properties that they clearly constitute marked exceptions to other properties in the same zoning district; and:

The circumstances are unique and peculiar to the Property. Given the nature of the use, a water treatment plant, the proposed sites are limited within the City. Any site must be owned or controlled by the City and in proximity to the wellfields and the existing Five Ash plant. The Property was identified through a long planning process and considering the surrounding features and uses noted above. As such, these circumstances are clearly marked exceptions to other properties similarly zoned.

c. Literal application of the provisions of the ULDR would deprive the applicant of a substantial property right that is enjoyed by other property owners in the same zoning district. (It shall be of no importance to this criterion that a denial of the variance sought might deny to the owner a more profitable use of the property, provided the provisions of the ULDR still allow a reasonable use of the property; and

The literal application of the requirements of Section 47-21.13 of the ULDR would deprive the Applicant of the ability to develop the Property for the new PLCWC to serve the residents and businesses of the City.

d. The unique hardship is not self-created by the applicant or his predecessors, nor is it the result of mere disregard for, or ignorance of, the provisions of the ULDR or antecedent zoning regulations; and

As mentioned above, the hardship is not self-created, but rather a product of the limited sites available to the City for the construction of this critical infrastructure, the existing features associated with the Property, and the design and operational aspects of the Facility that mitigate against the placement of trees or other landscaping in close proximity to the Facility operations.

e. The variance is the minimum variance that will make possible a reasonable use of the property and that the variance will be in harmony with the general purposes and intent of the ULDR and the use as varied will not be incompatible with adjoining properties or the surrounding neighborhood or otherwise detrimental to the public welfare.

The variance being requested is the minimum variance that will make possible the reasonable use of the Property. As the Landscape Plans demonstrate, the Applicant is proposing trees where possible given the Facility operations and to protect and ensure the integrity of the structures in the future. Trees are proposed within the associated parking lot and along the east side of Hawkins Road. Given the existing FP&L transmission line, trees cannot be planted along the west side of Hawkins Road. Due to the complex underground pipe design, as well as the pipes that deliver water to and from the Facility, coupled with the sensitive nature of the above-ground

equipment, trees are not proposed around the boundary of the Facility. The requested variance is in harmony with the general purpose and intent of the ULDR and will not be incompatible with adjoining properties. The Applicant proposes to address the protection, preservation, and enhancement of the natural environment through the planting of mitigation trees outside the site area, namely along the north side of Gator Lake, which will not negatively impact the critical functions of the water treatment facility. As noted previously, the Facility is surrounded by land owned by the City to the west, east and north. The nearest neighborhood, Lofts of Palm Aire Village, is located north and will be visually separated from the Facility by the existing trees that surround Gator Lake, the lake itself, and additional mitigation trees that are proposed to be planted north of the lake. For all these reasons, approval of the variance will not be incompatible with the adjoining properties or the surrounding areas or otherwise detrimental to the public welfare.

DRAWING INDEX

CN-001	COVER SHEET
CN-002	GENERAL NOTES
CN-003	GENERAL NOTES
CN-004	GENERAL NOTES
CS-001	OVERALL SITE
CS-002	SITE PLAN
CS-003	SITE PLAN
CS-004	SETBACK PLAN
CS-005	ENGINEERING SITE PLAN
CS-006	ENGINEERING SITE PLAN
CP-001	OVERALL EXISTING CONDITIONS
CP-002	EXISTING CONDITIONS PLAN
CP-003	EXISTING CONDITIONS PLAN
CP-004	OVERALL CONSTRUCTION TRAILER PLAN
CP-005	SIGNING AND PAVEMENT MARKING
CP-006	SIGNING AND PAVEMENT MARKING
CM-001	SWPPP NOTES
CM-002	SWPPP NOTES
CM-003	STORMWATER POLLUTION PREVENTION PLAN
CM-004	SWPPP DETAILS
CM-005	SUMMARY OF DRAINAGE
CM-006	PAVING GRADING AND DRAINAGE
CM-007	PAVING GRADING AND DRAINAGE
CM-008	YARD PIPING PLAN
CX-001	SITE SECTION PLAN
CX-002	SITE SECTION PLAN
CX-003	TYPICAL ROADWAY SECTIONS
CX-004	TYPICAL ROADWAY SECTIONS
CX-005	TYPICAL ROADWAY SECTIONS
CX-006	SITE SECTIONS
CX-007	SITE SECTIONS
CX-008	SITE SECTIONS
CD-001	SITE DETAILS
CD-002	WATER AND SEWER DETAILS
CD-003	DRAINAGE DETAILS
CD-004	ROADWAY DETAILS
CD-005	PAVEMENT MARKING AND SIGNAGE DETAILS

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CITY OF FORT LAUDERDALE

PUBLIC WORKS PROJECT # 12765

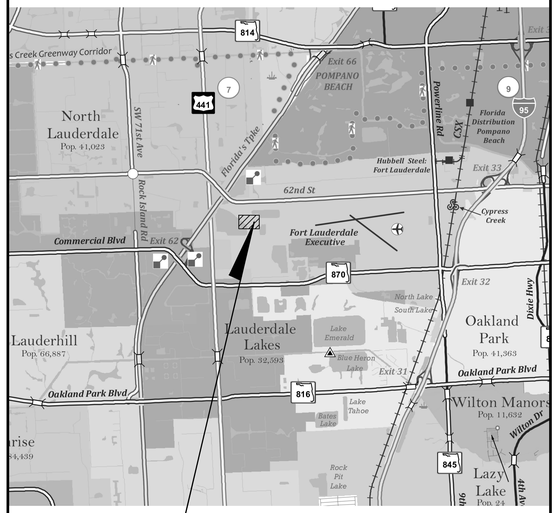
PROSPECT LAKE CLEAN WATER CENTER

DESIGN & CONSTRUCTION OF A NEW WATER TREATMENT PLANT

5900 Hawkins Road, Fort Lauderdale, FL 33309

FORT LAUDERDALE, FLORIDA

This item has been digitally signed and sealed by Joseph W Carothers, P.E. (no. 90160) on 1/18/2024. Printed copies of this document are not considered signed and sealed and the signature must be validated on all electronic or digital copies.



NORTH

LOCATION SKETCH

PROJECT # CAM-23-0196
PROSPECT LAKE CLEAN WATER CENTER
DESIGN & CONST. OF A NEW WATER TREATMENT

CITY OF FORT LAUDERDALE
DEVELOPMENT SERVICES DEPARTMENT
URBAN DESIGN AND PLANNING DIVISION
700 NW 19TH AVE, FORT LAUDERDALE, FL 33311

FORT LAUDERDALE CITY COMMISSION

DEAN J. TRANTALIS	MAYOR
JOHN C. HERBST	COMMISSIONER - DISTRICT I
STEVEN GLASSMAN	COMMISSIONER - DISTRICT II
PAMELA BEASLEY-PITTMAN	COMMISSIONER - DISTRICT III
WARREN STRUMAN	COMMISSIONER - DISTRICT IV

PROJECT MANAGER	JOB TITLE	PHONE NO.

DATE: 08/25/23
CAD FILE:
DRAWING FILE No.: 20036124-CN-001

100% DESIGN SUBMITTAL

GENERAL CONSTRUCTION NOTES:

1. NO CONNECTIONS FOR THE PURPOSE OF OBTAINING WATER SUPPLY DURING CONSTRUCTION SHALL BE MADE TO ANY FIRE HYDRANT OR BLOW-OFF STRUCTURE WITHOUT FIRST OBTAINING PERMISSION AND A CONSTRUCTION METER FROM THE CITY OF FORT LAUDERDALE.
2. THE CONTRACTOR MUST USE EXTREME CARE TO AVOID DAMAGE OR DISRUPTION TO ANY EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT. ALL PLAN LOCATIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. CONTRACTOR IS TO CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4770 AND ALL OTHER PARTICIPATING UTILITIES 2 FULL BUSINESS DAYS PRIOR TO CONSTRUCTION FOR FIELD MARKUP LOCATIONS OF EXISTING UTILITIES AND FACILITIES.
3. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE UTILITIES DEPARTMENT OF THE CITY OF FORT LAUDERDALE AT LEAST TWO (2) BUSINESS DAYS IN ADVANCE TO COORDINATE ANY ACTIVITY TO BE PERFORMED BY THE CITY'S UTILITIES DEPARTMENT.
4. IN GENERAL, EXISTING STRUCTURES AND UTILITIES ARE NOTED AS EXISTING AND/OR SHOWN IN THIN LINES. NEW CONSTRUCTION IS IN HEAVY LINES AND/OR UNDERLINED.
5. ALL WORK WITHIN BROWARD COUNTY RIGHT-OF-WAYS SHALL BE IN CONFORMANCE WITH THE BROWARD COUNTY MINIMUM STANDARDS AND/OR REQUIREMENTS.
6. CONTRACTOR SHALL COMPLY WITH ALL LOCAL CITY, COUNTY AND STATE REGULATIONS PERTAINING TO THE CLOSING OF PUBLIC STREETS FOR USE OF TRAFFIC DURING CONSTRUCTION.
7. CONTRACTOR SHALL PREPARE AND SUBMIT MAINTENANCE OF TRAFFIC (MOT) PLANS TO CITY OF FORT LAUDERDALE, AND BROWARD COUNTY AS REQUIRED FOR WORK TO BE DONE WITHIN THEIR R/W PRIOR TO COMMENCEMENT OF WORK. SPECIFIC AGENCY MOT REQUIREMENTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
9. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAY OR WALKWAY SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
10. CONTRACTOR SHALL PROMPTLY REPAIR AND RESTORE EXISTING PAVEMENT, SIDEWALKS, CURBS, DRIVEWAYS, PIPES, RESIDENTIAL AND COMMERCIAL SPRINKLER LINES, CONDUIT, CABLES, ETC. AND LANDSCAPE AREAS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.
11. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AS REQUIRED BY AGENCIES HAVING JURISDICTION OVER THE PROJECT AND/OR WHEN REQUIRED FOR PUBLIC SAFETY.
12. THE CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES THROUGHOUT THE DURATION OF CONSTRUCTION AND UNTIL ACCEPTANCE OF WORK, 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.
13. LOCATION OF AIR RELEASE VALVES MAY BE FIELD ADJUSTED BY THE ENGINEER OR CITY OF FORT LAUDERDALE AS NECESSARY.
14. CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITY CASTINGS INCLUDING VALVE BOXES, MANHOLES, HAND HOLES, PULL BOXES, INLETS AND SIMILAR STRUCTURES IN CONSTRUCTION AREA TO BE OVERLAYED WITH ASPHALT.
15. CONTRACTOR SHALL RESTORE EXISTING PAVEMENT AND PAVEMENT MARKINGS/SIGNAGE TO ORIGINAL PRE-CONSTRUCTION CONDITION OR AS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS.
16. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND ELEVATIONS BEFORE STARTING CONSTRUCTION.
17. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88)
18. CONTRACTOR TO ENSURE THAT THE BEDDING MATERIAL FOR THE STABILIZATION IS FREE OF ORGANIC MATTER, LOAM OR OTHER DELETERIOUS MATERIALS.

GENERAL NOTES - TRAFFIC CONTROL PLAN

1. THE TRAFFIC CONTROL PLANS FOR THE PROJECT SHALL COMPLY WITH THE LATEST EDITION OF THE STANDARD PLANS FOR ROADWAY CONSTRUCTION, INDEX NO. 102-600 to 102-660, MUTCD, AND THE STANDARD SPECIFICATIONS.
2. THE AGENCY RESPONSIBLE FOR MAINTENANCE OF ALL TRAFFIC DEVICES AND RELATED EQUIPMENT ON PROSPECT ROAD IS BROWARD COUNTY TRAFFIC ENGINEERING.
3. A REGULATORY SPEED OF 25 MPH SHALL BE POSTED WITHIN THE LIMITS OF THE WORK ZONE.
4. FOR WORK ON PROSPECT ROAD, EXISTING SIGNS AND PAVEMENT MARKINGS THAT CONFLICT WITH CONSTRUCTION SIGNS AND MARKINGS SHALL BE REMOVED DURING CONSTRUCTION. ALL EXISTING SIGNS THAT ARE REMOVED SHALL BE STOCKPILED IN A SECURE PLACE AND REINSTALLED AFTER CONSTRUCTION. REMOVE AND REPLACE ANY GROUND MOUNT SIGN BY USE OF INDEX NO. 611.
5. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS AND PREVENT ADVERSE FLOODING OF THE TRAVEL LANES DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL COMPLY WITH ALL WORKING HOURS AND RELEVANT REGULATIONS FROM THE CITY OF FORT LAUDERDALE, OR BROWARD COUNTY WHEN PERFORMING WORK. CONTRACTOR TO OBTAIN ANY REQUIRED AUTHORIZATION PRIOR TO PERFORMING WORK OUTSIDE OF SPECIFICED WORK HOURS.
7. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY TWO (2) BUSINESS DAYS IN ADVANCE OF ANY EXCAVATION INVOLVING ITS UTILITIES SO THAT A COMPANY REPRESENTATIVE CAN BE PRESENT. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION.
8. TRAFFIC CONTROL ON ALL COUNTY RIGHTS-OF-WAY SHALL MEET THE ADDITIONAL REQUIREMENTS OF THE BROWARD COUNTY ENGINEERING DEPARTMENT.
9. CONTRACTOR SHALL PREPARE AND SUBMIT MAINTENANCE OF TRAFFIC PLAN (MOT) WHERE REQUIRED BY FEDERAL, STATE, COUNTY, OR LOCAL AGENCIES HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN ALL REQUIRED APPROVALS AND PERMITS ASSOCIATED WITH THE MOT'S.
10. CONTRACTOR TO CONSTRUCT WIDENING ON PROSPECT ROAD USING FDOT STANDARD PLAN 102-613. CONTRACTOR IS ALLOWED TO CLOSE LANES ON NON PEAK HOURS ONLY.

GENERAL NOTES-BROWARD COUNTY TRAFFIC ENGINEERING DEPT.

ALL PARTIES NOTE THE FOLLOWING:

1. DIRECTIONAL BORES, UTILITY CONNECTIONS, THE PLACEMENT OF MOT AND ADVANCE SIGNAGE MAY BY THEIR PLACEMENT, DAMAGE/DESTROY THE COMMUNICATIONS CABLE/CONDUIT LOCATED INSIDE AND OUTSIDE THE PROJECT AREA. ADDITIONALLY, CURB/GUTTER/SIDEWALK REMOVAL/PLACEMENT, RELOCATION OF TREES, LANDSCAPING ACTIVITIES AND IRRIGATION ACTIVITIES ARE POTENTIAL CAUSES FOR DAMAGE TO BCTED'S COMMUNICATION CABLE/CONDUIT. ALL PARTIES SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN PROXIMITY TO THE COMMUNICATIONS CABLE/CONDUIT.

DRAINAGE NOTES

1. PRIOR TO BACKFILLING EXFILTRATION TRENCHES, DRAINAGE INLETS OR MANHOLES, THE CONTRACTOR SHALL NOTIFY THE ENGINEERING INSPECTOR FOR AN INSPECTION.
2. DRAINAGE STRUCTURES SHALL BE CLEANED PRIOR TO ACCEPTANCE BY CITY OR DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP).
3. ALL DRAINAGE PIPES SHALL BE LAID IN DRY TRENCH. ALL MUCK OR UNSUITABLE MATERIALS IN TRENCHES, INLETS OR MANHOLES SHALL BE REMOVED AND BACKFILLED WITH SELECTED MATERIAL APPROVED BY THE ENGINEER. SEE SPECIFICATIONS FOR BACKFILL DETAILS.
4. MINIMUM COVER FOR HDPE PIPE UNDER ASPHALT SHALL BE 24" COMPACTED LIMEROCK BASE. MINIMUM COVER FOR HDPE PIPE UNDER GRASS SHALL BE 18" COMPACTED SUBGRADE.
5. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS AND PREVENT ADVERSE FLOODING OF THE TRAVEL LANES DURING CONSTRUCTION.
6. ALL EXFILTRATION SYSTEMS SHALL BE DESIGNED IN ACCORDANCE WITH SOUTH FLORIDA WATER MANAGEMENT DISTRICT'S (SFWMD) PERMIT INFORMATION MANUAL "MANAGEMENT AND STORAGE OF SURFACE WATER", LATEST EDITION.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

This item has been digitally signed and sealed by Joseph W Carothers, P.E. (no. 90160) on 1/18/2024. Printed copies of this document are not considered signed and sealed and the signature must be validated on all electronic or digital copies.

GENERAL NOTES

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CN-002

GENERAL DEMOLITION SPECIFICATIONS:

1. THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES AND OTHER FEATURES AFFECTING THE WORK PRIOR TO DEMOLITION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY EFFECT THE DEMOLITION WORK.
2. CHAPTER 553.851 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY ALL UTILITIES A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATING.
3. PRIOR TO REMOVAL OF ANY UNDERGROUND TANK AND OTHER COMPONENT, CONTRACTOR MUST COMPLETELY DRAIN THE SYSTEMS TO AN APPROVED SANITATION TANK FOR DISPOSAL TO AN APPROVED LOCATION, AS REQUIRED BY DISPOSAL PERMIT.
4. PROTECT AND SAVE ALL UTILITIES, UNLESS OTHERWISE NOTED.
5. ALL EXISTING STRUCTURES, PAVEMENTS, SLABS, FOUNDATIONS, STEPS AND OTHER ON-SITE EXISTING FEATURES INDICATED ON THE DRAWINGS TO BE REMOVED SHALL BE DEMOLISHED AND REMOVED BY THE CONTRACTOR (AS APPLICABLE TO PROJECT).
6. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AT THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO REMOVAL OR RELOCATION OF ANY ELECTRICAL, TELEPHONE, CABLE AND/OR GAS LINES. SUFFICIENT TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
8. CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER/ENGINEER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINANT IS ENCOUNTERED DURING THE DEMOLITION/EXCAVATION PROCESS.
9. FILL FOR LOWER LEVELS OF DEMOLISHED STRUCTURES MAY INCLUDE CONCRETE OR MASONRY RUBBLE RESULTING FROM DEMOLITION, SUBJECT TO THE ENGINEER'S/ARCHITECT'S APPROVAL. RUBBLE SHALL NOT EXCEED SIX (6) INCHES IN LONGEST DIMENSION.
10. REMOVE AND LEGALLY DISPOSE OF ALL OTHER RUBBISH, RUBBLE, AND DEBRIS. COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS GOVERNING DISPOSAL OF WASTES AND DEBRIS.
11. CONTINUOUS ACCESS AND OPERATION SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AND BUILDINGS AT ALL TIMES DURING DEMOLITION OF THE EXISTING SITE.
12. PRIOR TO DEMOLITION OCCURRING ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
13. ALL SIGNS OUTSIDE THE DEMOLITION AREA ARE TO REMAIN UNLESS OTHERWISE SPECIFIED.
14. ANY MUCK ENCOUNTERED UNDER PROPOSED STRUCTURES SHALL BE REMOVED TO 5 FT. BEYOND THE FOOTPRINT OF THAT STRUCTURE. BACKFILL WITH APPROVED FILL MATERIAL SATISFYING ALL COMPACTION REQUIREMENTS.
15. ALL EXISTING UTILITIES WITHIN THE DEMOLITION SITE AREA SHALL BE ADJUSTED, REMOVED OR RELOCATED. ACTUAL WORK SHALL BE COORDINATED BY THE CONTRACTOR DIRECTLY W/ THE APPROPRIATE UTILITY COMPANY.
16. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION.
17. ALL TRASH, DEBRIS AND OTHER MATERIAL REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

PRE-DEMOLITION RESPONSIBILITIES

1. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A DEMOLITION SCHEDULE DEPICTING EACH PHASE OF THE WORK.
2. PRIOR TO BEGINNING DEMOLITION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF DEMOLITION.
3. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN. ALL EXISTING UTILITIES ARE TO BE LOCATED IN THE FIELD ACCORDING TO SUNSHINE 811 AND ALL OTHER JURISDICTIONAL STANDARDS AND REQUIREMENTS.
4. SUNSHINE STATE ONE CALL OF FLORIDA, INC. REQUIRES THE CONTRACTOR TO CALL TWO (2) FULL BUSINESS DAYS (BUT NOT MORE THAN FIVE) PRIOR TO BREAKING GROUND TO FIND OUT WHERE BURIED FACILITIES (ELECTRICAL, GAS, TELEPHONE, CABLE, WATER) ARE LOCATED.

DEMOLITION SAFETY

1. ALL DEMOLITION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.
2. PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES. EXECUTE THE WORK IN A MANNER TO AVOID HAZARDS TO PERSONS AND PROPERTY AND PREVENT INTERFERENCE WITH THE USE OF AND ACCESS TO ADJACENT BUILDINGS. STREETS AND SIDEWALKS SHALL NOT BE UNNECESSARILY BLOCKED BY DEBRIS AND EQUIPMENT.
3. BUILDING MATERIALS SHALL BE TESTED FOR ASBESTOS IF THERE EXISTS REASON TO BELIEVE ASBESTOS IS PRESENT.

PAVEMENT DEMOLITION

1. WHERE EXISTING PAVEMENT IS TO BE REMOVED, SAW-CUT THE SURFACE LEAVING A UNIFORM AND STRAIGHT EDGE WITH MINIMUM DISTURBANCE TO THE REMAINING ADJACENT SURFACE. IF DEMOLITION RESULTS IN RAVELING OF SAW CUT SURFACE , RECUT BACK FROM THE RAVELED EDGE PRIOR TO RESTORATION.
2. WHERE EXISTING PAVEMENT, CURB, CURB AND GUTTER, SIDEWALK, DRIVEWAY, OR VALLEY GUTTER IS REMOVED FOR INLETS, MANHOLES, APPURTENANCES, FACILITIES OR STRUCTURES, SAID PAVEMENT, ETC., SHALL BE REPLACED AND RESTORED IN EQUAL OR BETTER CONDITION THAN THE ORIGINAL.

DEMOLITION PERMITTING

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY REQUIRED PERMITS FOR DEMOLITION FROM RESPONSIBLE REGULATORY AGENCIES WHILE FULLY ACKNOWLEDGING AND COMPLYING WITH ALL REQUIREMENTS PRIOR TO COMMENCING DEMOLITION WORK.
2. ANY TREES FOR REMOVAL SHALL COMPLY WITH ALL TREE REMOVAL PERMIT REQUIREMENTS FROM ANY GOVERNING BODY WITH JURISDICTION OVER THE SITE.
3. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE THE LIGHTING, STORM INLET STRUCTURES, OR OTHER STRUCTURES DESIGNATED TO BE SAVED, THEN THE CONTRACTOR SHALL PROVIDE NEW MATERIALS/STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS OR REPAIRED WITH THE APPROVAL OF THE ENGINEER OF RECORD.

EROSION AND SEDIMENT CONTROL NOTES:

1. AN EROSION AND SEDIMENT CONTROL PLAN ENCOMPASSING THE PRINCIPALS AND THE REQUIREMENTS DESCRIBED HEREIN AND A SCHEDULE FOR THEIR IMPLEMENTATION AND MAINTENANCE FOR THE PROJECT DURATION SHALL BE SUBMITTED AS REQUIRED BY JURISDICTIONAL REQUIREMENTS.
2. DURING DEMOLITION, THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO ENSURE AGAINST POLLUTING, SILTATION OR DISTURBANCE TO SUCH AN EXTENT AS TO CAUSE AN INCREASE IN TURBIDITY TO THE EXISTING DRAINAGE SYSTEMS AND ADJACENT WATER BODIES AND WETLANDS, IN COMPLIANCE WITH ALL PERMIT REQUIREMENTS RELATED TO SUCH MEASURES.
3. THROUGHOUT THE WORK PERIOD, THE CONTRACTOR SHALL INSPECT WEEKLY THE PROTECTIVE INSTALLATIONS FOR FAILURE OR SIGNS OF FAILURE OR MALFUNCTION AND EFFECT REPAIRS OR REPLACEMENT IMMEDIATELY UPON DISCOVERY.
4. ALL INLETS AND CATCH BASINS RECIEVING WATER FROM THE WORK AREA, SHALL BE PROTECTED FROM SEDIMENT STORM RUNOFF.
5. THE CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES BY THE CONTRACTOR.
6. DEWATERING ACTIVITIES, IF REQUIRED TO COMPLETE THE WORK, WILL NOT RESULT IN ANY DISCHARGE OF TURBID WATER FROM THE PROJECT SITE WITHOUT PROPER EROSION AND SEDIMENT CONTROL AND APPROVAL FROM ENGINEER.
7. PHASING OF EROSION CONTROL DEMOLITION SHALL BE RECOMMENDED AS FOLLOWS:
   - 7.1. PLACEMENT OF PERIMETER PROTECTIVE MEASURES (SILT FENCE, HAY BALES, TURBIDITY BARRIERS, ETC.) AROUND ON-SITE FEATURES TO BE RETAINED, AT POINTS OF OFF-SITE DISCHARGE AND AROUND WORK AREAS TO BE EXCAVATED OR FILLED.
   - 7.2. REROUTE RUNOFF FROM AREAS OUTSIDE OF THE WORK AREA TO MINIMIZE FLOW THROUGH AREAS TO BE DISTURBED BY DEMOLITION. BERMS, SWALES AND OTHER MEANS USED FOR SUCH CONVEYANCE SHALL BE VEGETATED AND MEASURES TAKEN TO PROVIDE PROTECTION UNTIL STABILIZATION OCCURS (AS APPLICABLE TO THE PROJECT).
   - 7.3. SELECT LOCATIONS FOR PLACEMENT OF EXCAVATED MATERIAL, WHERE SUITABLE FOR FILL OR UNSUITABLE MATERIAL, AND CONSTRUCT CONTAINMENT BERMS AROUND THE AREA. THE USE OF STRIPING FOR THIS PURPOSE MAY ACCELERATE BERM REVEGETATION. CONSTRUCT TEMPORARY OUTLETS FOR CONTAINMENT AREAS WITH SCREENS, HAY BALES, SETTLING BASINS OR OTHER MEASURES TO PREVENT SILT TRANSPORT.
   - 7.4. SELECT / DESIGNATE ACCESS ROUTING FOR EQUIPMENT AND VEHICLES AND PROVIDE PERIMETER PROTECTIVE MEASURES WHERE EXISTING TERRAIN WILL BE SUBJECT TO DISRUPTION BY SUCH TRAFFIC.
   - 7.5. CONSTRUCT ABOVE GROUND OR OTHER CONTAINMENT AREAS FOR WORK AREA RUNOFF. PROVIDE SCREENS, HAY BALES, ETC. TO FILTER DISCHARGE FROM THOSE AREAS.
   - 7.6. GRASSING, SODDING, ETC. SHALL BE IN PLACE IMMEDIATELY UPON COMPLETION OF REGRADING, SWALE SLOPES AND THE CONSTRUCTED OR DISTURBED AREAS.
8. THE CONTRACTOR IS REQUIRED TO ADHERE TO THE REQUIREMENT OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). THE CONTRACTOR SHALL INSTITUTE BEST MANAGEMENT PRACTICES (BMPs) TO ENSURE COMPLIANCE WITH THE NPDES PROGRAM AND TO MINIMIZE THE IMPACT TO PUBLIC STORMWATER FACILITIES. A NOTICE OF INTENT (NOI) SHALL BE FILED PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
9. PRIOR TO CONSTRUCTION, A SILT FENCE IN ACCORDANCE WITH CITY'S DETAIL SILT FENCE SHALL BE ERECTED AS NOTED ON PLANS. ALL PROPOSED CATCH BASINS WILL HAVE THEIR INLETS PROTECTED BY THE INSTALLATION OF FILTER FABRIC INTO THE FRAME AND GRATE. THIS SILT FENCE AND FILTER FABRIC WILL REMAIN IN PLACE DURING THE ENTIRE DURATION OF CONSTRUCTION.
10. ALL WASTE GENERATED FROM THE CONSTRUCTION SHALL BE DISCARDED IN ACCORDANCE WITH ALL APPLICABLE STATE, LOCAL AND FEDERAL REGULATIONS. CONTRACTOR IS TO OBTAIN ALL APPLICABLE CODES AND BECOME FAMILIAR WITH STATE, LOCAL AND FEDERAL REGULATIONS PRIOR TO BEGINNING CONSTRUCTION. REGULATIONS CAN BE FOUND, BUT NOT LIMITED TO, DEPARTMENT OF ENVIRONMENTAL RESOURCE MANAGEMENT AND DEPARTMENT OF ENVIRONMENTAL PROTECTION.
11. TO ENSURE THAT OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST IS MINIMIZED, CONTRACTOR IS TS TO PUT INTO PRACTICE THE METHODS DETAILED IN FDOT INDEX 106 (2010 VERSION) AND BMPs.
12. DUST GENERATED FROM CONSTRUCTION WILL BE MINIMIZED BY WATERING OF THE SITE ACCORDING TO ALL APPLICABLE CITY STANDARDS.
13. AT ANY TIME DURING CONSTRUCTION THAT THE SILT FENCING IS DISTURBED, THE SILT FENCING SHALL BE RESTORED TO ITS ORIGINAL STATE WITHIN 24 HOURS. AT NO TIME DURING CONSTRUCTION SHALL WORK BE PERFORMED WITHOUT THE INTEGRITY OF THE SILT FENCING SECURED.
14. A QUALIFIED INSPECTOR, PROVIDED BY THE OPERATOR, SHALL INSPECT ALL POINTS OF DISCHARGE INTO NEARBY SURFACE WATER OF THE STATE AND SFWMD. THE INSPECTION WILL OCCUR AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER. INSPECTION INCLUDES THE WRITTEN RECORDING OF THE CONDITION OF ALL DISCHARGE POINTS, INTEGRITY OF SILT FENCING, DUST CONTROL MEASURES, VEHICULAR TRAFFIC AND CONSTRUCTION MATERIAL STORAGE AND DISPOSAL. WRITTEN RECORD OF ALL INSPECTIONS WILL BE STORED BY THE OPERATOR DURING CONSTRUCTION.
15. THE INSPECTION REPORT WILL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING INFORMATION: NAME AND QUALIFICATION OF PERSONNEL MAKING THE INSPECTION, DATE OF INSPECTION, RAINFALL DATE, MAJOR OBSERVATIONS RELATING TO THE SWPPP, ACTIONS TAKEN BY CONTRACTOR AND ANY INCIDENT OF NONCOMPLIANCE WITH PERMIT. WHERE AN INSPECTION DOES NOT IDENTIFY ANY INCIDENT OF NONCOMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND THE PERMIT.
16. THE PERMITTEE SHALL RETAIN A COPY OF THE SWPPP AND ALL REPORTS, RECORDS AND DOCUMENTATION REQUIRED BY THE PERMIT AT THE CONSTRUCTION SITE, OR AN APPROPRIATE ALTERNATIVE LOCATION AS SPECIFIED IN THE NOTICE OF INTENT, FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL STABILIZATION. THE PERMITEE SHALL RETAIN COPIES OF SWPPP AND ALL REPORTS REQUIRED BY THIS PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THE PERMIT, FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED.
17. SEE LANDSCAPE PLANS FOR TREE REMOVAL AND LANDSCAPE DEMOLITION.

INTERRUPTION OF EXISTING UTILITIES

1. ANY WORK THAT REQUIRES INTERRUPTION OF SERVICE TO ANY CUSTOMER SHALL BE DONE SO WITH A MINIMUM OF SEVENTY-TWO (72) HOUR NOTICE TO, AND WRITTEN APPROVAL BY, THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL ARRANGE A MEETING WITH THE LOCAL JURISDICTIONAL AGENCIES AND OTHER GOVERNING AGENCIES, AND OTHER AFFECTED UTILITIES PRIOR TO SCHEDULING THE SHUT DOWN TO ASSESS THE SCOPE OF WORK. ALL SYSTEM SHUT DOWNS SHALL BE SCHEDULED BY THE CONTRACTOR AT SUCH TIME THAT SYSTEM DEMAND IS LOW. THIS GENERALLY REQUIRES NIGHT TIME WORK BY THE CONTRACTOR AND REQUIRES FULL TIME INSPECTION BY A REPRESENTATIVE OF THE UTILITY. EACH CUSTOMER AFFECTED BY THE SHUT DOWN SHALL BE PROVIDED, MINIMUM, FORTY-EIGHT (48) HOURS WRITTEN NOTIFICATION BY THE CONTRACTOR.

TEMPORARY FACILITIES

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY TO ITS EMPLOYEES AND SUBCONTRACTORS FOR THEIR USE DURING WORK.
2. MAINTENANCE OF TRAFFIC (MOT) IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MUTCD AND FDOT.
3. ALL OPEN TRENCHES AND HOLES THAT ARE ASSOCIATED WITH THE INSTALLATION OF TEMPORARY EQUIPMENT FOR CONSTRUCITON AND ARE ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.

WASTE MANAGEMENT PLAN

1. DESIGNATE A WASTE MANAGEMENT COORDINATOR TO BE RESPONSIBLE FOR IMPLEMENTING, MONITORING AND REPORTING STATUS OF WASTE MANAGEMENT WORK PLAN.
2. TRAIN WORKERS, SUBCONTRACTORS AND SUPPLIERS ON PROPER WASTE MANAGEMENT PROCEDURES, AS APPROPRIATE FOR THE WORK OCCURING AT THE PROJECT SITE.
3. DISTRIBUTE A WASTE MANAGEMENT PLAN BEFORE WORK BEGINS. REVIEW PLAN PROCEDURES AND LOCATION ESTABLISHED FOR SALVAGE, RECYCLING AND DISPOSAL.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit | THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

This item has been digitally signed and sealed by Joseph W Carothers, P.E. (no. 90160) on 1/18/2024. Printed copies of this document are not considered signed and sealed and the signature must be validated on all electronic or digital copies.

GENERAL NOTES

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CN-003

DISPOSAL OF WASTE

1. GENERAL: EXCEPT FOR ITEMS OR MATERIALS TO BE SALVAGED, RECYCLED OR OTHERWISE REUSED, REMOVE WASTE MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN A LANDFILL OR OTHER PERMITTED DISPOSAL FACILITY.

1.1. EXCEPT AS OTHERWISE SPECIFIED, DO NOT ALLOW WASTE MATERIALS THAT ARE TO BE DISPOSED OF TO ACCUMULATE ON-SITE.

1.2. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.

2. BURNING: DO NOT BURN WASTE MATERIALS.

PAVING GENERAL NOTES:

a. GENERAL:
- SEE TYPICAL SECTIONS FOR ALL PAVEMENT DESIGN.
- THE PAVEMENT DESIGN SHALL COMPLY WITH ALL FDOT STANDARDS REFERENCED WITHIN.

b. MATERIALS:
- UNLESS OTHERWISE SPECIFIED, SELECTED MATERIAL SHALL BE FREE OF STONES LARGER THAN 3/8" DIAMETER.
- ALL BASE MATERIAL SHALL BE COMPACTED AS FOLLOWS:
- LIME ROCK BASE: 98% AASHTO T-180
- STABILIZED SUBGRADE: 98% AASHTO T-180
- COMPACTED SUBGRADE: 100% AASHTO T-99C
- NEW SURFACE WILL BE FDOT TYPE III ASPHALTIC CONCRETE.
- ASPHALT PAVEMENTS JOINTS (ASPHALTIC CONCRETE) SHALL BE MECHANICALLY SAWED.
- BASE MATIERAL SHALL HAVE A MINIMUM CARBONATE CONTENT OF 70%.

c. INSTALLATION:
- ROAD TO HAVE A MINIMUM OF 2% TRANSVERSE GRADE.
- ALL PAVEMENT IS TO BE INSTALLED WITHIN SPPROVED WORK HOURS.

CONCRETE GENERAL NOTES:

1. SIDEWALK CONCRETE STRENGTH TO BE 3,000 psi

2. ALL CONCRETE STANDARDS ARE TO BE IN ACCORDANCE WITH THE CITY OF FORT LAUDERDALE STANDARDS,

3. ALL CONCRETE SIDEWALKS ARE TO MEET ADA STANDARDS AND FDOT STANDARDS (INDEX 310).

4. ALL CURBS MUST HAVE AN 4" THICK LIMEROCK BASE, COMPACTED TO 98% MAX. DENSITY PER AAHSTO T-180.

ACCESSIBILITY GENERAL NOTES:

1. ACCESSIBILITY REQUIREMENTS: THE WATER TREATMENT PROCESS AREAS (E.G., FILTERS, CHEMICAL HANDLING FACILITY, SODIUM HYPOCHLORITE FACILITIES, HIGH SERVICE PUMP STATION, BACKWASH PUMPS, TRANSFER PUMPS, LIME CONTACTOR, ETC.) INCLUDE MECHANICAL EQUIPMENT THAT CANNOT BE REASONABLY OPERATED BY DISABLED PERSONS. THE CITY OF FORT LAUDERDALE CERTIFIES THAT ONLY CITY UTILITY EMPLOYEES WILL WORK WITHIN THE WATER TREATMENT PLANT PROCESS AREAS. THE CITY OF FORT LAUDERDALE CERTIFIES THAT HANDICAPPED PERSONS CANNOT REASONABLY PERFORM THE WORK ASSOCIATED WITH THE WATER TREATMENT PROCESS AREAS. PURSUANT TO CHAPTER 553.504(1) OF THE FLORIDA STATUTES AND ARTICLE 203.5 OF THE “FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION”, THE WATER TREATMENT PROCESS AREAS ARE NOT SUBJECT TO THE ACCESSIBILITY REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

2. THE ADMINISTRATION BUILDING, PARKING LOT, AND ALL PATHWAYS TO THE ADMINISTRATION BUILDING WILL BE ADA COMPLAINT.

RESTORATION GENERAL NOTES:

1. BAHIA OR ST. AUGUSTINE SOD SHALL BE REUSED IN THE RESTORATION OF ALL SODDED AREA.
- 2" OF TOP SOIL TO BE USED (50% SAND 50% TOP SOIL).

PARAMETER	VALUE	NOTES
FLOOD DESIGN CLASS	4	
FEMA FLOOD ZONE	HA/AE	
BASE FLOOD ELEVATION	8	
100 YEAR FLOOD ELEVATION (NAVD 1988)	10	
DESIGN FLOOD ELEVATION NAVD (NAVD 1988)	12	FEMA 100 YEAR +2'
COSTAL ZONE	N/A	
MINIMUM ROADWAY CROWN ELEV		
Design	9.0' OR HIGHER, VARIES	
Required	9	
MINIMUM FINISHED FLOOR ELEVATION (FFE)		
Design	12	
Required	12	
MINIMUM EQUIPMENT LEVEL		
Design	12	
Required	12	
ASCE 24-14: AMERICAN SOCIETY ENGINEERS STANDARD TITLED "FLOOD RESISTANT DESIGN AND CONSTRUCTION		
NAVD: NORTH AMERICAN VERTICAL DATUM		

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

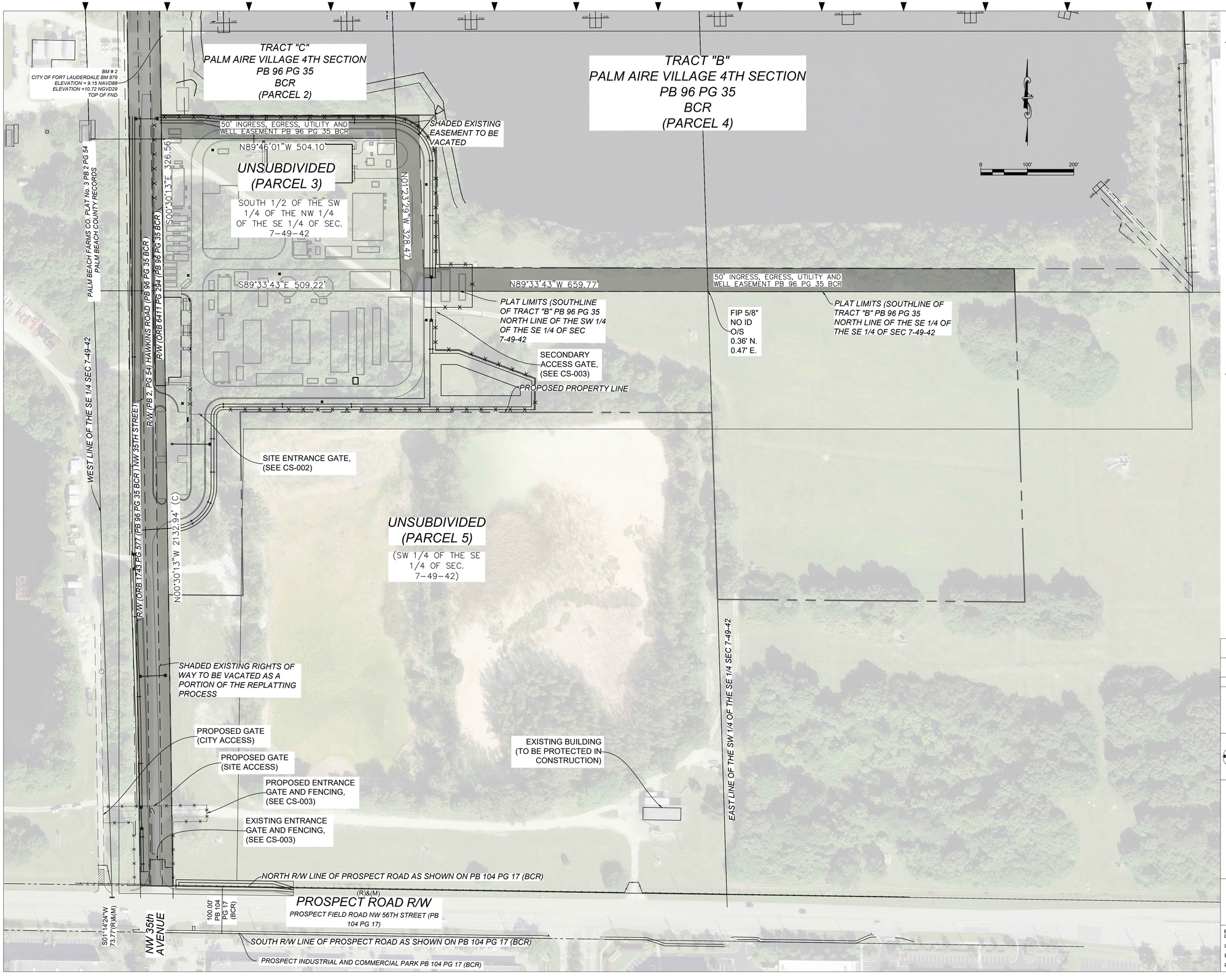
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GENERAL NOTES

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CN-004



LEGEND

EXISTING EASEMENT TO BE VACATED

NOTES

1. ALL PROPOSED BUILDINGS AND EQUIPMENT PADS SHALL HAVE A FINISHED FLOOR ELEVATION OF 12.0 (NAVD) MINIMUM. THIS SATISFIES THE CRITERIA OF FEMA +2 THAT IS REQUIRED FOR THE PROPOSED LAND USE.
2. ALL ELEVATIONS SHOWN ON THIS SHEET REFER TO THE NAVD 88.
3. FINAL EXPECTED PROPERTY LINE IS SUBJECT TO CHANGE BASED ON CITY OF FORT LAUDERDALE REVIEW AND COMMENT.
4. REFER TO THE PLOT PLAN SHEET (BY OTHERS) FOR A DETAILED ON SITE EQUIPMENT SCHEDULE.
5. FOR DETAILED DRAINAGE SHEETS SEE SHEETS CM-006 AND CM-007.
6. CROSS ACCESS EASEMENTS ARE TO BE PROPOSED TO ALLOW ACCESS TO THE ADJOINING PARCELS AT THE DIRECTION OF THE CITY OF FORT LAUDERDALE.
7. EASEMENTS WILL BE GRANTED FOR ALL EXISTING UTILITIES ON SITE.

REV			
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023
REV	DESIGN BY	CHECKED BY	DATE

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

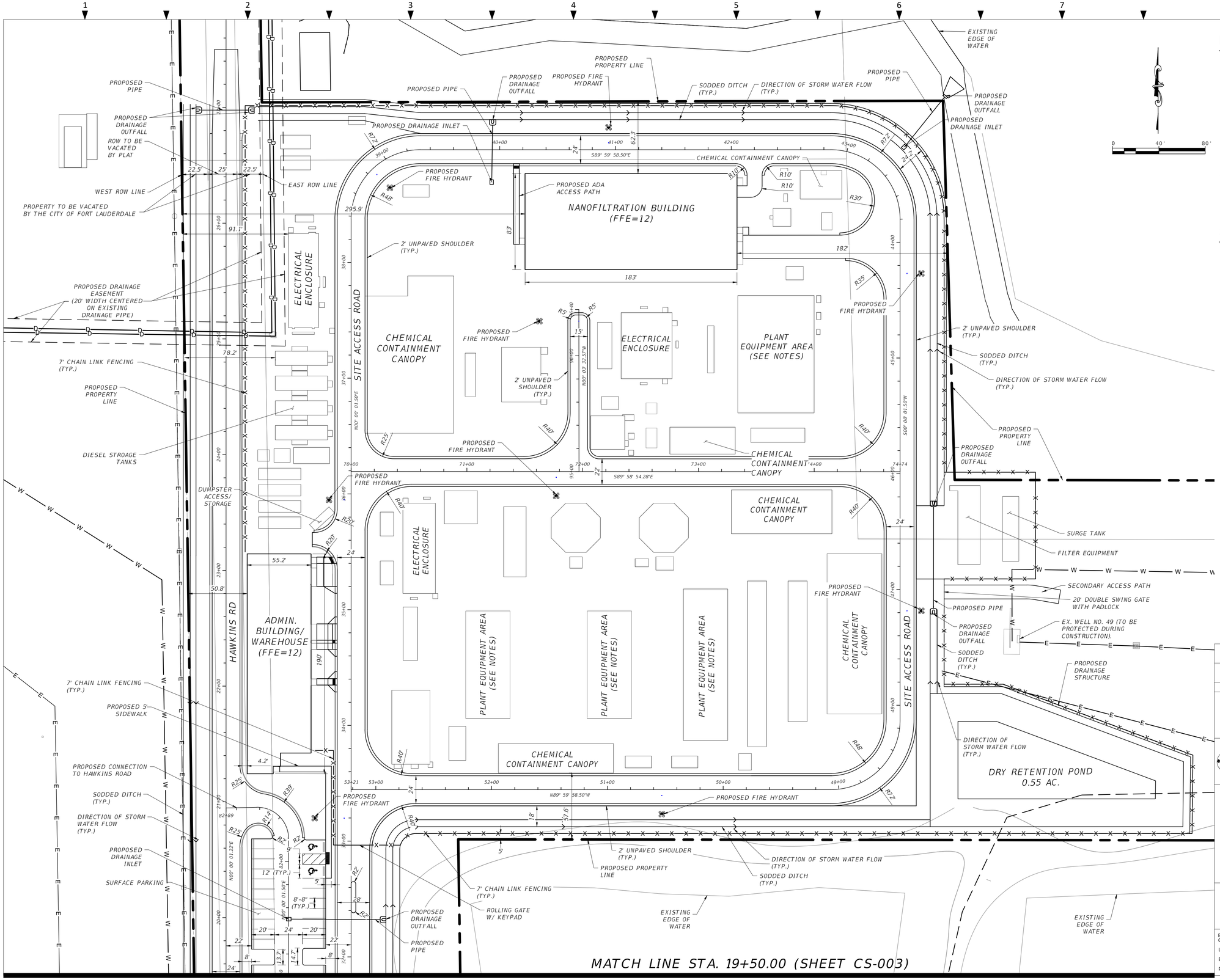
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OVERALL SITE

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CS-001



NOTES

1. ALL PROPOSED BUILDINGS AND EQUIPMENT PADS SHALL HAVE A FINISHED FLOOR ELEVATION OF 12.0 (NAVD) MINIMUM. THIS SATISFIES THE CRITERIA OF FEMA +2 THAT IS REQUIRED FOR THE PROPOSED LAND USE.
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7. EASEMENTS WILL BE GRANTED FOR ALL EXISTING UTILITIES ON SITE.

SITE DATA

Future Land Use Designation: Employment Center

Zoning: Commerce Center (CC)

Property Control Numbers: (PCN) 4942-0700-0100/0110
Portion of 4942-0706-1630/1620

Existing Use: Government - Vacant Land

Proposed Use: Employment Center

Water Provider: City of Fort Lauderdale

Building Area(total): 25,200 SF
Administration Building: 9,878 SF (1 Story)
Administrative Office: 6,227 SF
Warehouse/Storage: 3,094 SF
Laboratory: 557 SF
Nanofiltration Building: 15,322 SF (1 Story)

Proposed Building Dimensions:
Administration Building: 25'-7"H, 189'-6"L x 54'-10"W
Nanofiltration Building: 35'-0"H, 183'-6"L x 83'-6"W

Setbacks	*Required*	**Proposed**
Administration Building		
Front- South/Prospect Road	*40'*	**1,075'**
Side- East/West	*15'*	**49.6'**
Rear- North	*15'*	**390'**
Nanofiltration Building		
Front- South/Prospect Road	*40'*	**1,530'**
Side- East/West	*15'*	**147.1'**
Rear- North	*15'*	**61.8'**

Parking Required:
Administrative Office (1/250 SF) 24 Spaces
Warehouse/Storage (1/800 SF) 4 Spaces
Laboratory (1/800 SF) 1 Space
ADA Parking: 2 Spaces

Parking Provided: Total Spaces: 37 Spaces
ADA: 2 Spaces

Site Area: 28.68 ac
Floor Area Ratio: 0.02 (0.56ac/28.68ac)
Open Space: N/A in this land use type
Vehicular Use Area: 3.81 ac
Landscape Area: N/A (see landscaping plans)
Lot Coverage (70% req.): 10.85 ac (37.8%)

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit · THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

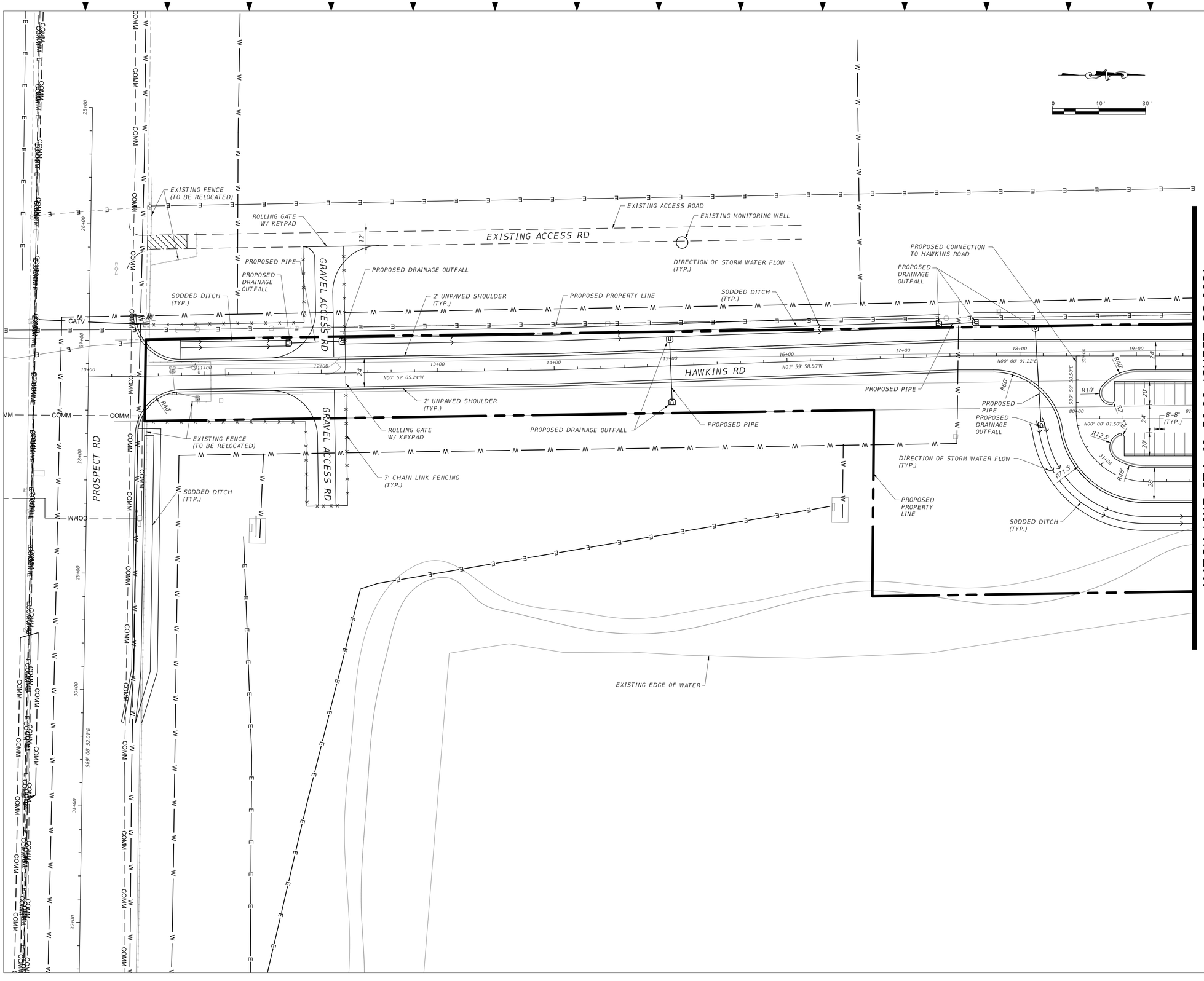
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SITE PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CS-002



NOTES

1. ALL PROPOSED BUILDINGS AND EQUIPMENT PADS SHALL HAVE A FINISHED FLOOR ELEVATION OF 12.0 (NAVD) MINIMUM. THIS SATISFIES THE CRITERIA OF FEMA +2 THAT IS REQUIRED FOR THE PROPOSED LAND USE.
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6. CROSS ACCESS EASEMENTS ARE TO BE PROPOSED TO ALLOW ACCESS TO THE ADJOINING PARCELS AT THE DIRECTION OF THE CITY OF FORT LAUDERDALE.
7. EASEMENTS WILL BE GRANTED FOR ALL EXISTING UTILITIES ON SITE.

SITE DATA

Future Land Use Designation: Employment Center

Zoning: Commerce Center (CC)

Property Control Numbers (PCN): 4942-0700-0100/0110; Portion of 4942-0706-1630/1620

Existing Use: Government - Vacant Land

Proposed Use: Employment Center

Water Provider: City of Fort Lauderdale

Building Area(total): 25,200 SF
- Administration Building: 9,878 SF (1 Story)
  - Administrative Office: 6,227 SF
  - Warehouse/Storage: 3,094 SF
  - Laboratory: 557 SF
- Nanofiltration Building: 15,322 SF (1 Story)

Proposed Building Dimensions:
- Administration Building: 25'-7"H, 189'-6"L x 54'-10"W
- Nanofiltration Building: 35'-0"H, 183'-6"L x 83'-6"W

Setbacks	*Required*	**Proposed**
Administration Building		
Front- South/Prospect Road	*40'*	**1,075'**
Side- East/West	*15'*	**49.6'**
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Front- South/Prospect Road	*40'*	**1,530'**
Side- East/West	*15'*	**147.1'**
Rear- North	*15'*	**61.8'**

Parking Required:
- Administrative Office (1/250 SF): 24 Spaces
- Warehouse/Storage (1/800 SF): 4 Spaces
- Laboratory (1/800 SF): 1 Space
- ADA Parking: 2 Spaces

Parking Provided: Total Spaces: 37 Spaces; ADA: 2 Spaces

Site Area: 28.68 ac
Floor Area Ratio: 0.02 (0.56ac/28.68ac)
Open Space: N/A in this land use type
Vehicular Use Area: 3.81 ac
Landscape Area: N/A (see landscaping plans)
Lot Coverage (70% req.): 10.85 ac (37.8%)

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

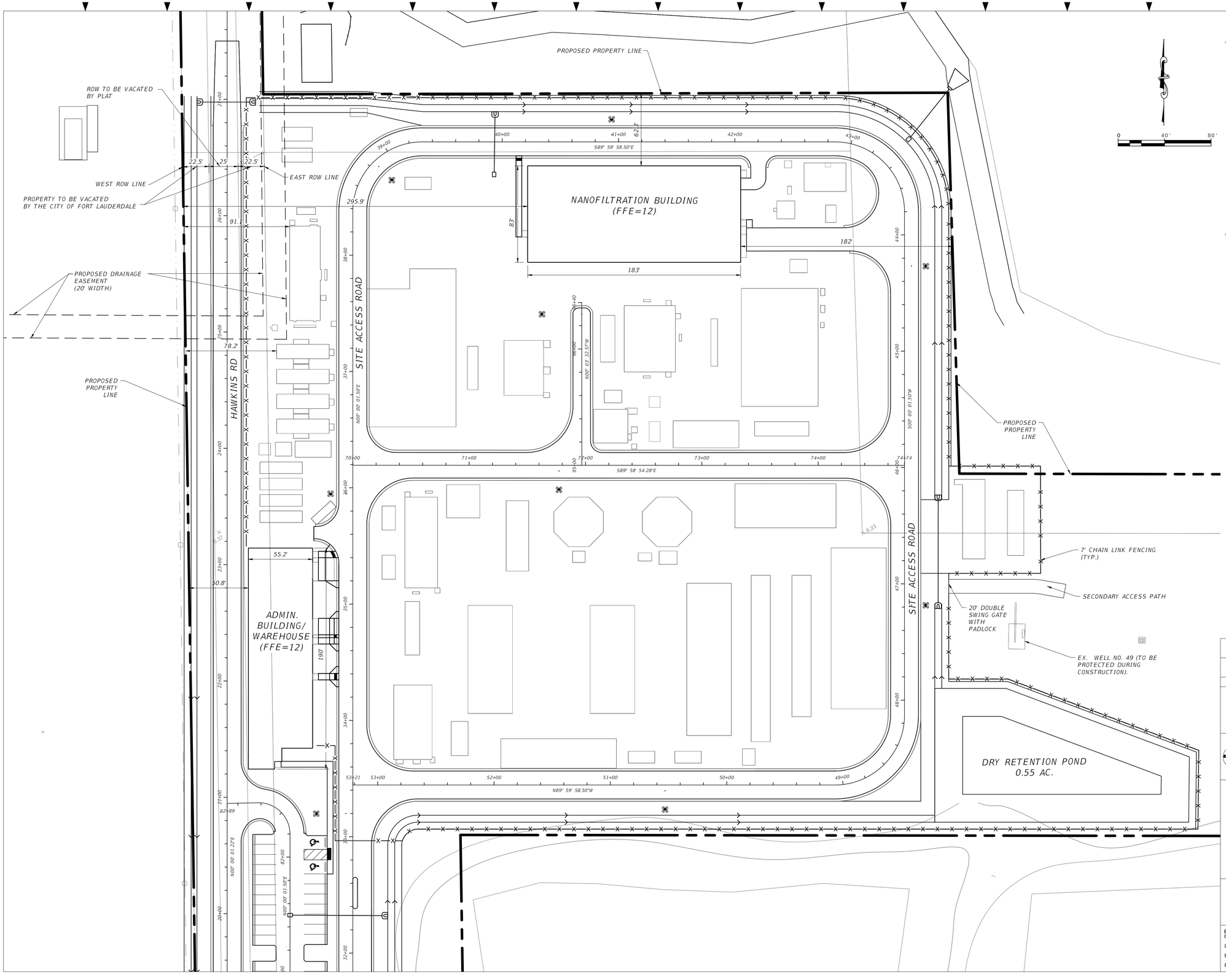
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SITE PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CS-003



NOTES

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SITE DATA

Future Land Use Designation: Employment Center

Zoning: Commerce Center (CC)

Property Control Numbers: (PCN) 4942-0700-0100/0110
Portion of 4942-0706-1630/1620

Existing Use: Government - Vacant Land

Proposed Use: Employment Center

Water Provider: City of Fort Lauderdale

Building Area(total): 25,200 SF
Administration Building: 9,878 SF (1 Story)
Administrative Office: 6,227 SF
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Laboratory: 557 SF
Nanofiltration Building: 15,322 SF (1 Story)

Proposed Building Dimensions:
Administration Building: 25'-7"H, 189'-6"L x 54'-10"W
Nanofiltration Building: 35'-0"H, 183'-6"L x 83'-6"W

Setbacks	*Required*	**Proposed**
Administration Building		
Front- South/Prospect Road	*40'*	**1,075'**
Side- East/West	*15'*	**49.6'**
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Nanofiltration Building		
Front- South/Prospect Road	*40'*	**1,530'**
Side- East/West	*15'*	**147.1'**
Rear- North	*15'*	**61.8'**

Parking Required:
Administrative Office (1/250 SF) 24 Spaces
Warehouse/Storage (1/800 SF) 4 Spaces
Laboratory (1/800 SF) 1 Space
ADA Parking: 2 Spaces

Parking Provided: Total Spaces: 41 Spaces
ADA: 2 Spaces

Site Area: 28.68 ac
Floor Area Ratio: 0.02 (0.56ac/28.68ac)
Open Space: N/A in this land use type
Vehicular Use Area: 3.81 ac
Landscape Area: N/A (see landscaping plans)
Lot Coverage (70% req.): 10.85 ac (37.8%)

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

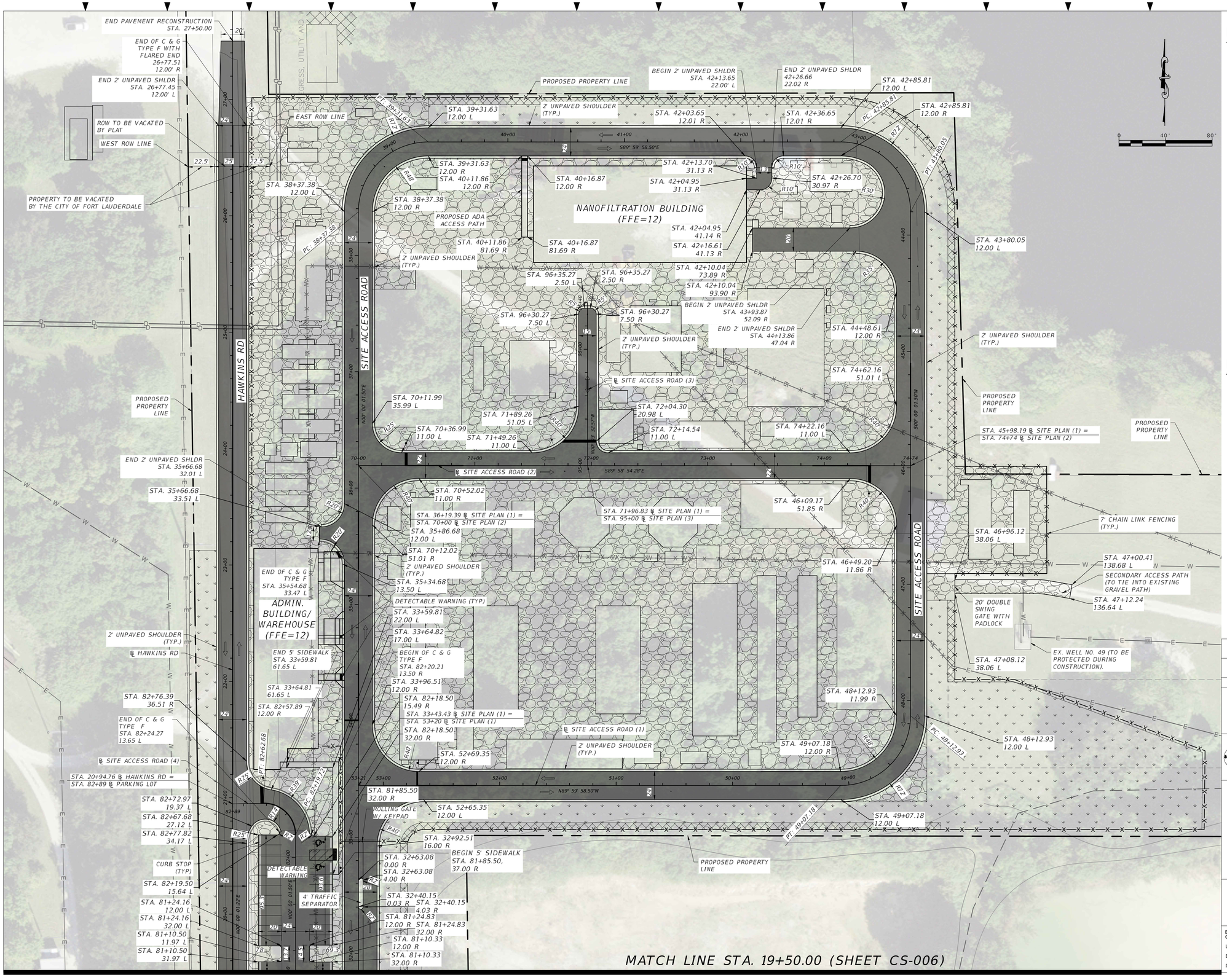
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SETBACK PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CS-004



LEGEND

SOD

ASPHALT PAVEMENT

GRAVEL

SLOPE STABILIZATION

WIDENING

NOTES

1. ALL PROPOSED BUILDINGS AND EQUIPMENT PADS SHALL HAVE A FINISHED FLOOR ELEVATION OF 12.0 (NAVD) MINIMUM. THIS SATISFIES THE CRITERIA OF FEMA +2 THAT IS REQUIRED FOR THE PROPOSED LAND USE.
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7. EASEMENTS WILL BE GRANTED FOR ALL EXISTING UTILITIES ON SITE.

REV			
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023
	DESIGN BY	CHECKED BY	DATE

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

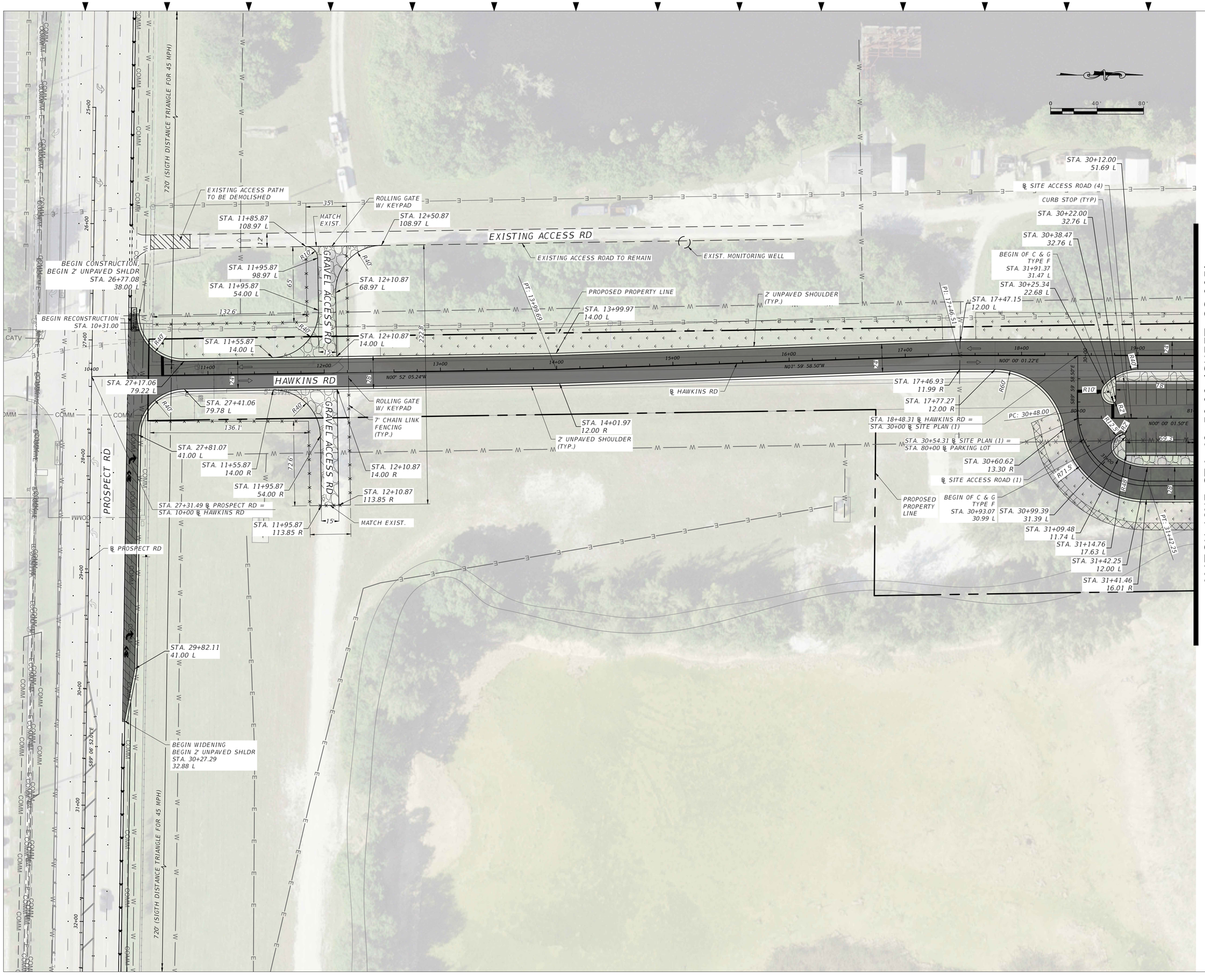
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ENGINEERING SITE PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CS-005



LEGEND

SOD — ASPHALT PAVEMENT

GRAVEL — SLOPE STABILIZATION

WIDENING

NOTES

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REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit — THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

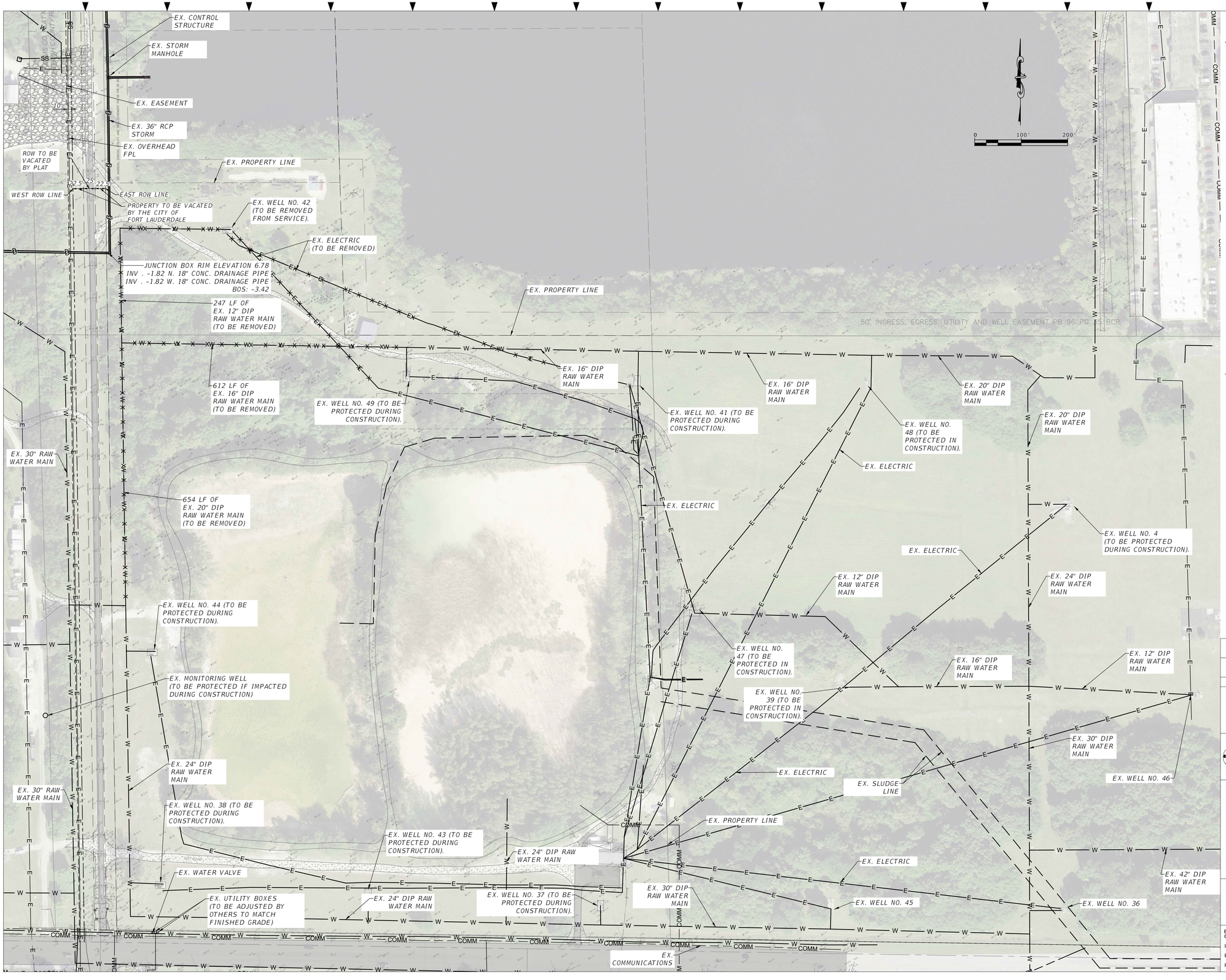
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ENGINEERING SITE PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CS-006



LEGEND

- EXISTING WATER MAIN
- EXISTING STORM WATER PIPE
- EXISTING FORCE MAIN
- EXISTING UTILITIES
- EXISTING UTILITY EASEMENT
- EXISTING SLUDGE LINE
- EXISTING TOP OF BERM
- EXISTING TOE OF BERM
- EXISTING TO BE REMOVED
- GRAVEL
- DIRT ROAD
- ASPHALT PAVEMENT

NOTES

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL CRITICAL UTILITY LOCATIONS.
2. THIS PLAN SHOWS UTILITY INFORMATION BASED ON PROVIDED AS BUILT AND ATLAS INFORMATION UPON REQUEST. ADDITIONAL UTILITIES MAY BE PRESENT.
3. CONTRACTOR TO PROTECT ALL EXISTING CITY INFRASTRUCTURE.
4. ALL SUNSHINE 811 PROCEDURES AND REQUIREMENTS MUST BE MET PRIOR TO EXCAVATION ON SITE.
5. ALL PLANS TO REMOVE OR DEMOLISH EXISTING INFRASTRUCTURE MUST BE APPROVED BY THE UTILITY OWNER PRIOR TO THE START OF WORK.
6. CONTRACTOR TO CLEAR AND GRUB THE SITE AS REQUIRED TO FACILITATE CONSTRUCTION.
7. ALL ELEVATIONS SHOWN ON THIS SHEET REFER TO THE NAVD 88.
8. UNLESS OTHERWISE NOTED, ALL EXISTING UTILITIES ARE TO REMAIN AND SHALL BE PROTECTED IF IMPACTED DURING CONSTRUCTION.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

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OVERALL EXISTING CONDITIONS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CP-001



LEGEND

- W — EXISTING WATER MAIN
- D — EXISTING STORM WATER PIPE
- SS — EXISTING FORCE MAIN
- COMM / E — EXISTING UTILITIES
- EXISTING UTILITY EASEMENT
- EXISTING SLUDGE LINE
- EXISTING TOP OF BERM
- EXISTING TOE OF BERM
- X — X — X — X — EXISTING TO BE REMOVED
- GRAVEL
- DIRT ROAD
- ASPHALT PAVEMENT

NOTES

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL CRITICAL UTILITY LOCATIONS.
2. THIS PLAN SHOWS UTILITY INFORMATION BASED ON PROVIDED AS BUILT AND ATLAS INFORMATION UPON REQUEST. ADDITIONAL UTILITIES MAY BE PRESENT.
3. CONTRACTOR TO PROTECT ALL EXISTING CITY INFRASTRUCTURE.
4. ALL SUNSHINE 811 PROCEDURES AND REQUIREMENTS MUST BE MET PRIOR TO EXCAVATION ON SITE.
5. ALL PLANS TO REMOVE OR DEMOLISH EXISTING INFRASTRUCTURE MUST BE APPROVED BY THE UTILITY OWNER PRIOR TO THE START OF WORK.
6. CONTRACTOR TO CLEAR AND GRUB THE SITE AS REQUIRED TO FACILITATE CONSTRUCTION.
7. ALL ELEVATIONS SHOWN ON THIS SHEET REFER TO THE NAVD 88.
8. UNLESS OTHERWISE NOTED, ALL EXISTING UTILITIES ARE TO REMAIN AND SHALL BE PROTECTED IF IMPACTED DURING CONSTRUCTION.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

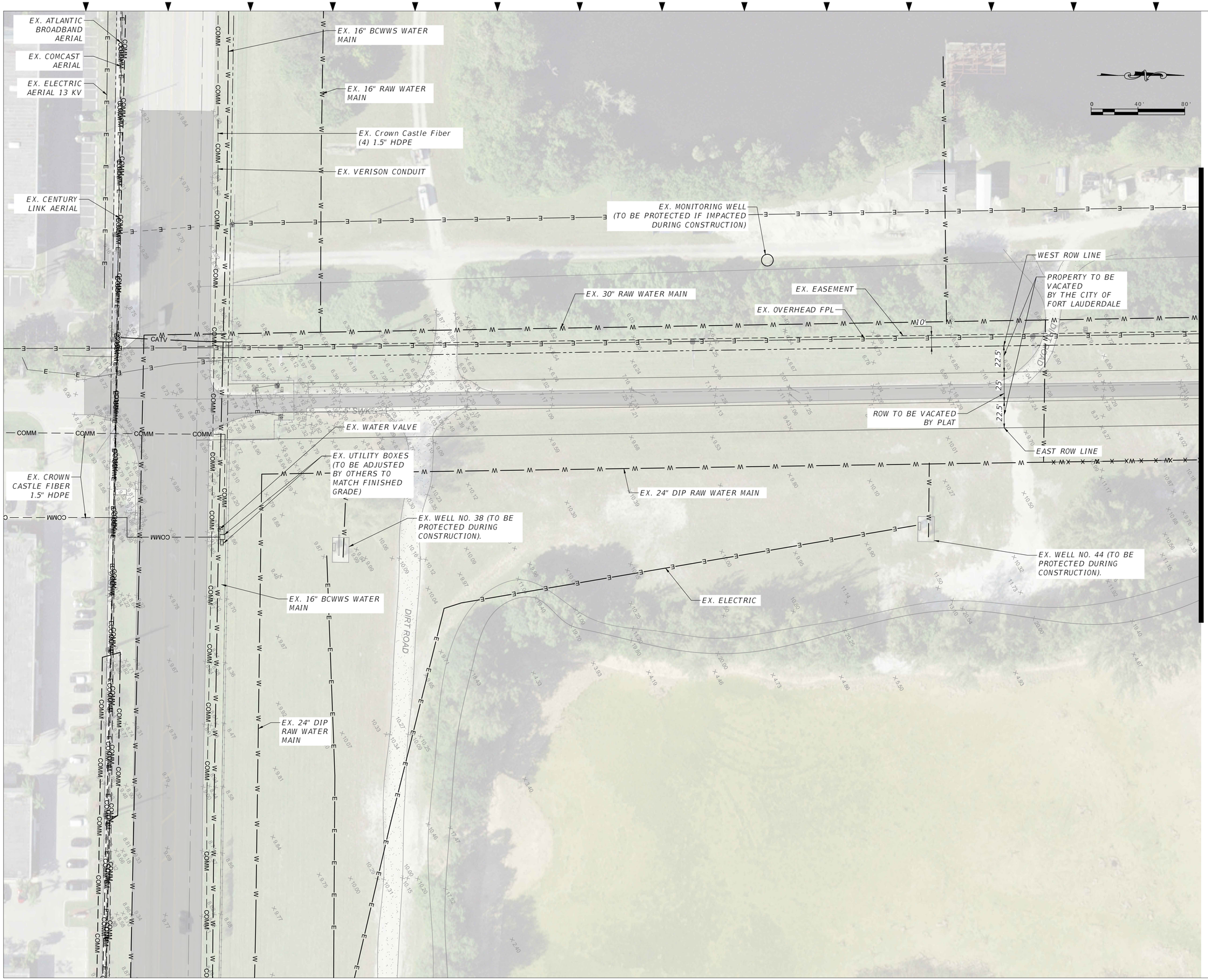
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EXISTING CONDITIONS PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CP-002



LEGEND

- EXISTING WATER MAIN
- EXISTING STORM WATER PIPE
- EXISTING FORCE MAIN
- EXISTING UTILITIES
- EXISTING UTILITY EASEMENT
- EXISTING SLUDGE LINE
- EXISTING TOP OF BERM
- EXISTING TOE OF BERM
- EXISTING TO BE REMOVED
- GRAVEL
- DIRT ROAD
- ASPHALT PAVEMENT

NOTES

1. ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL CRITICAL UTILITY LOCATIONS.
2. THIS PLAN SHOWS UTILITY INFORMATION BASED ON PROVIDED AS BUILT AND ATLAS INFORMATION UPON REQUEST. ADDITIONAL UTILITIES MAY BE PRESENT.
3. CONTRACTOR TO PROTECT ALL EXISTING CITY INFRASTRUCTURE.
4. ALL SUNSHINE 811 PROCEDURES AND REQUIREMENTS MUST BE MET PRIOR TO EXCAVATION ON SITE.
5. ALL PLANS TO REMOVE OR DEMOLISH EXISTING INFRASTRUCTURE MUST BE APPROVED BY THE UTILITY OWNER PRIOR TO THE START OF WORK.
6. CONTRACTOR TO CLEAR AND GRUB THE SITE AS REQUIRED TO FACILITATE CONSTRUCTION.
7. ALL ELEVATIONS SHOWN ON THIS SHEET REFER TO THE NAVD 88.
8. UNLESS OTHERWISE NOTED, ALL EXISTING UTILITIES ARE TO REMAIN AND SHALL BE PROTECTED IF IMPACTED DURING CONSTRUCTION.

REV	DESIGN BY	CHECKED BY	DATE
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CITY OF FORT LAUDERDALE

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CITY OF FORT LAUDERDALE

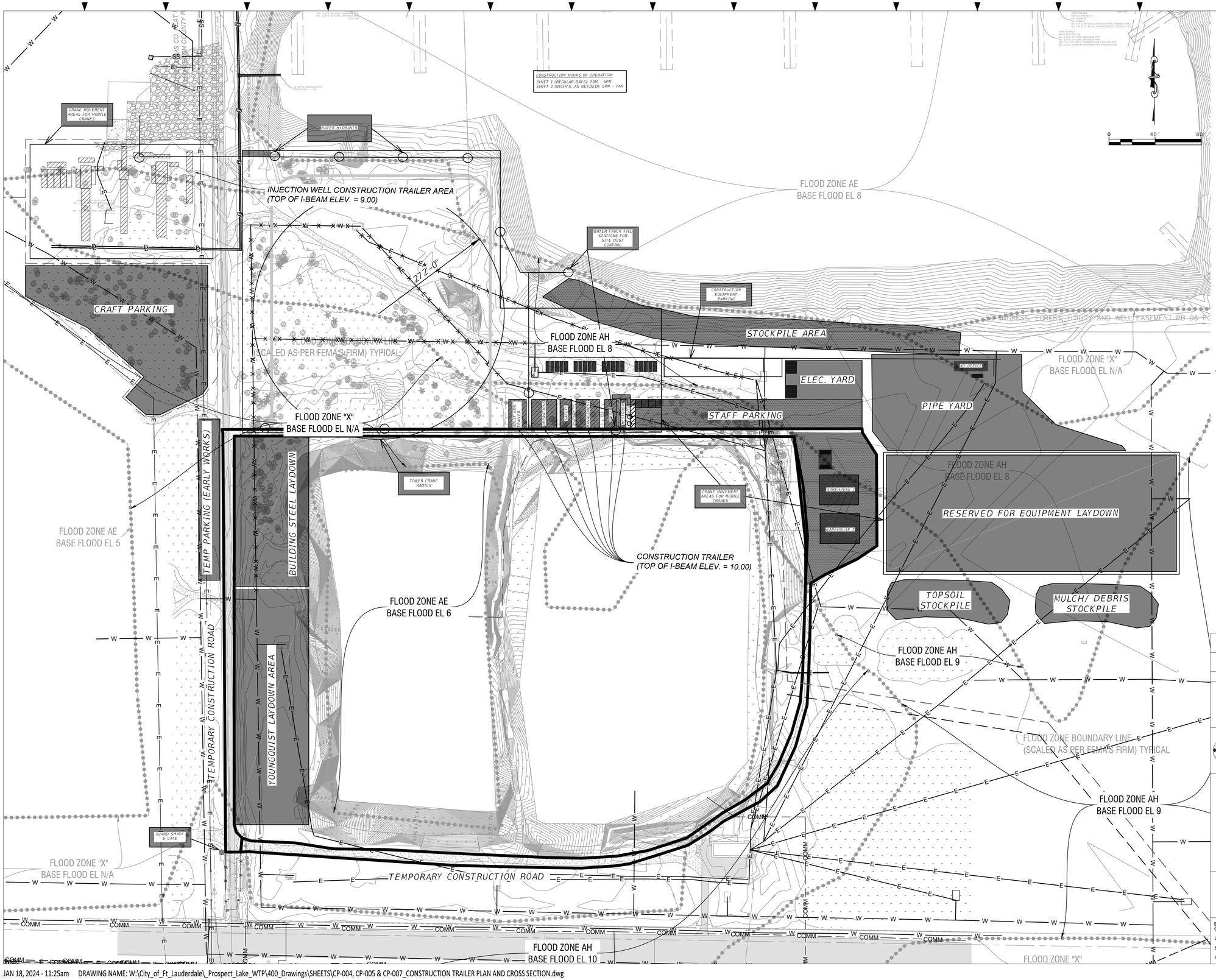
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LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CP-003



NOTES

1. SITE PLAN SHOWN IS PENDING REVIEW FROM THE CITY OF FORT LAUDERDALE AND BROWARD COUNTY MAY BE CHANGED AS A RESULT.
2. THE PLANS SHOWN HERE REPRESENT THE FINAL CONSTRUCTION LAYDOWN. ANY INTERMITTENT CONSTRUCTION LAYDOWN PLANS ARE NOT SHOWN.
3. ALL EXISTING UTILITIES SHALL BE LOCATED, AND PROTECTED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.
4. AND UTILITY RELOCATION OR CONNECTION MUST BE COORDINATED WITH THE UTILITY OWNER AND THE CITY OF FORT LAUDERDALE.

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A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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Engineers · Planners · Program Managers · Environmental Scientists
Helping communities since 1979!

CITY OF FORT LAUDERDALE

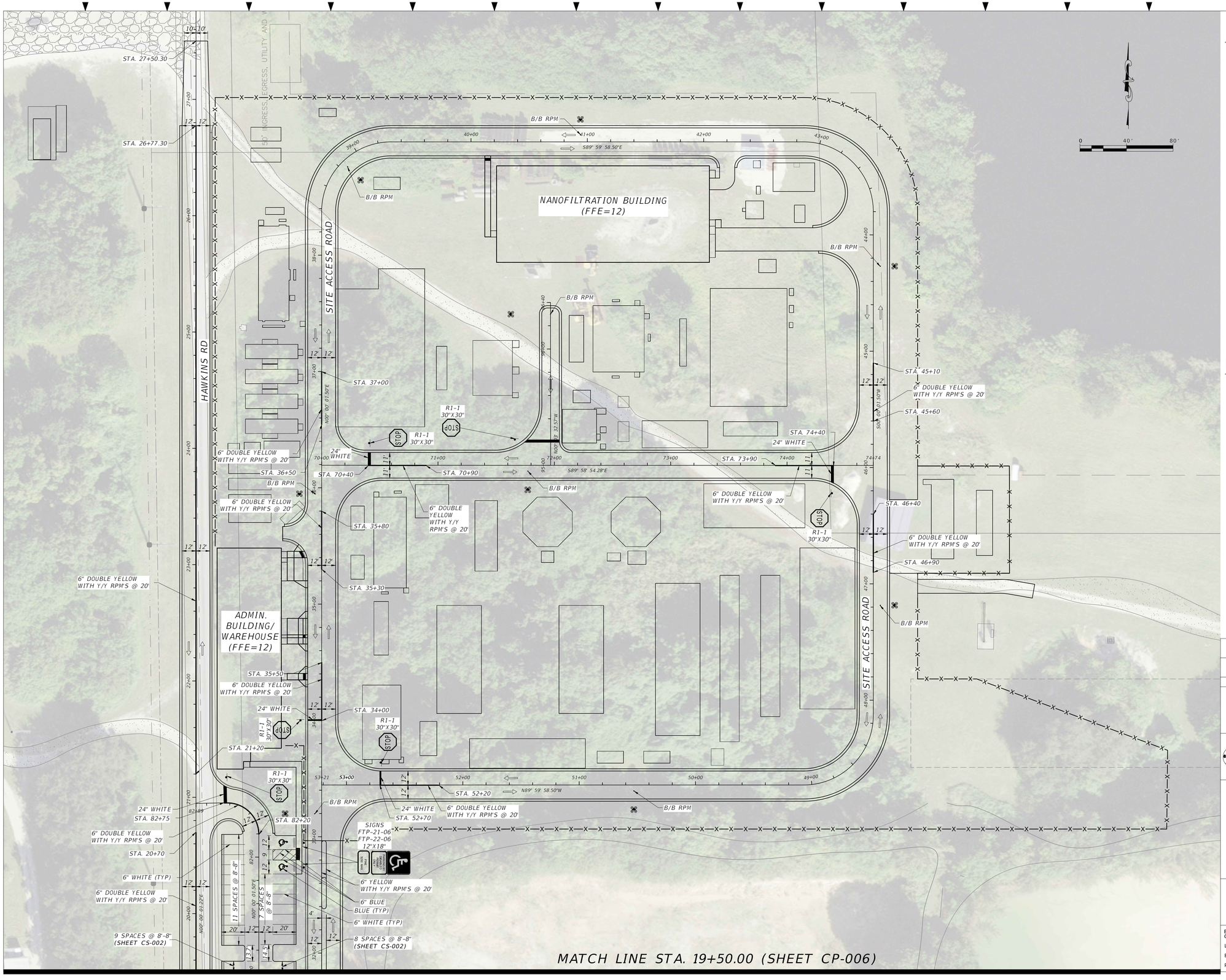
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OVERALL CONSTRUCTION TRAILER PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124–CP–004



LEGEND

- FIRE HYRANT
- TRAFFIC FLOW ARROW
- B/B RPM (BLUE/ BLUE)
- PROPOSED FENCE
- PROJECT BASELINE

NOTES

1. UNLESS OTHERWISE NOTED, EXISTING PAVEMENT MARKINGS ARE TO REMAIN.
2. ALL PAVMENT MARKINGS SHOULD FOLLOW CITY OF FORT LAUDERALE AND BROWARD COUNTY STANDARDS.
3. ANY VARIATIONS FROM COUNTY OR CITY STANDARDS MUST BE APPROVED BY THE RELEVANT AUTHORITY.

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CITY OF FORT LAUDERDALE

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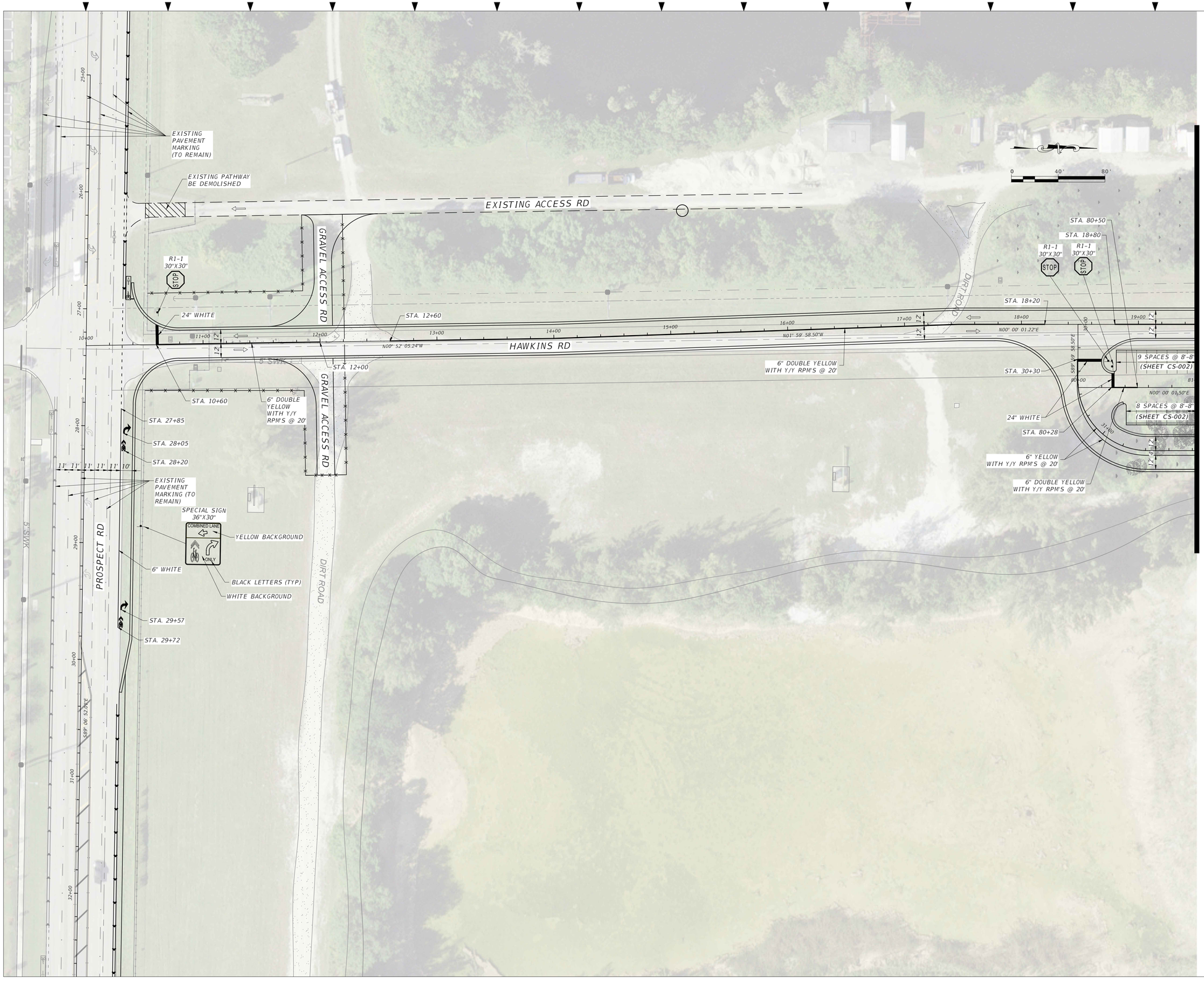
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SIGNING AND PAVEMENT MARKING

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CP-005



MATCH LINE STA. 19+50.00 (SHEET CP-005)

LEGEND

- FIRE HYRANT
- TRAFFIC FLOW ARROW
- B/B RPM (BLUE/ BLUE)
- —X—X—X—X— PROPOSED FENCE
- xx+xx PROJECT BASELINE

NOTES

1. UNLESS OTHERWISE NOTED, EXISTING PAVEMENT MARKINGS ARE TO REMAIN.
2. ALL PAVMENT MARKINGS SHOULD FOLLOW CITY OF FORT LAUDERALE AND BROWARD COUNTY STANDARDS.
3. ANY VARIATIONS FROM COUNTY OR CITY STANDARDS MUST BE APPROVED BY THE RELEVANT AUTHORITY.

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CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

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SIGNING AND PAVEMENT MARKING

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CP-006

1.0 SITE DESCRIPTION

A. NATURE OF CONSTRUCTION ACTIVITY

THE PROSPECT LAKE WATER TREATMENT PLANT INCLUDES THE CONSTRUCTION OF A NEW CLEAN WATER PLANT WITHIN THE PROSPECT LAKE WELLFIELD PROPERTY, NORTH OF PROSPECT ROAD AND EAST OF HAWKINS ROAD IN BROWARD COUNTY FLORIDA.

THE PROPOSED IMPROVEMENTS CONSIST OF THE FOLLOWING CONSTRUCTION ACTIVITIES:

*PAVEMENT WIDENING
*INSTALLATION OF UNDERGROUND PIPING
*EXCAVATION OF DITCHES AND PONDS
*CONSTRUCTION OF NEW BUILDINGS AND FOUNDATIONS
*CONSTRUCTION OF NEW ROADWAY PAVEMENT
*EARTHWORK

B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES

*CLEARING AND GRUBBING
*INSTALLATION OF UNDERGROUND UTILITIES
*GRADING OF SITE PAD
*EXCAVATION OF DRAINAGE DITCHES AND PONDS
*FOUNDATION INSTALLATION
*PAVEMENT WIDENING AND NEW PAVEMENT INSTALLATION

C. AREA ESTIMATES

APPROXIMATE TOTAL PROJECT AREA: 83.33 AC (20AC OFFSITE).

APPROXIMATE TOTAL AREA TO BE DISTURBED (VIA CLEARING AND GRUBBING): 33.1 AC.

APPROXIMATE EXISTING IMPERVIOUS AREA: 2.27 AC.

APPROXIMATE PROPOSED IMPERVIOUS AREA: 10.85 AC.

EXISTING PERVIOUS AREA = APPROXIMATE TOTAL PROJECT AREA - APPROXIMATE EXISTING IMPERVIOUS AREA
= 83.33 AC. - [2.27 AC (IMPERVIOUS) - 22.86 AC (LAKE) - 20.00 AC (OFFSITE RESIDENTIAL)].
= 38.20 AC.

PROPOSED PERVIOUS AREA = APPROXIMATE TOTAL PROJECT AREA - APPROXIMATE PROPOSED IMPERVIOUS AREA
=83.33 AC. - [10.85 AC (IMPERVIOUS) - 22.86 AC (LAKE) - 20.00 AC (OFFSITE RESIDENTIAL)].
=29.62 AC.

D. QUALITY OF EXISTING STORM WATER DISCHARGE

THE EXISTING HAWKINS ROAD USES AN OPEN DRAINAGE SYSTEM THAT FLOWS OVERLAND TO ONE OF THE TWO WET DETENTION LAKES ON SITE. THE ENTIRETY OF THE SITE FLOWS TO ONE OF THESE TWO LAKES WHICH ARE IN TURN USED FOR GROUNDWATER RECHARGE WITHIN THE WELLFIELD.

SOIL DATA: ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCE CONSERVATION SERVICE (USDA NRCS) SOIL SURVEY, SOIL TYPES PRESENT WITHIN THE STUDY AREA CONSIST OF (15) IMMOKALEE FINE SAND (0-2% SLOPES), (19) MARGATE FINE SAND (0-1% SLOPES), (36) UDORTHENTS AND (99) WATER.

E. SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATIONS OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE PLANS.

DRAINAGE PATTERNS:
REFER TO PAVING, GRADING AND DRAINAGE PLANS FOR CHANGES TO THE EXISTING DRAINAGE PATTERN DESCRIBED IN SECTION D.

APPROXIMATE SLOPES AFTER MAJOR GRADING ACTIVITIES:
SEE PLAN SHEETS, TYPICAL SECTIONS AND CROSS SECTIONS.

AREAS OF SOIL DISTURBANCE:
AREAS OF SOIL DISTURBANCE INCLUDE STANDARD CLEARING AND GRUBBING, MILLING OF EXISTING PAVEMENT, PAVEMENT WIDENING, CURB & GUTTER AND SIDEWALK INSTALLATION, FOUNDATION INSTALLATION. SEE PLAN AND TYPICAL SECTION SHEETS.

OUTLINE OF ALL AREAS THAT ARE NOT TO BE DISTURBED:
ALL AREAS OUTSIDE OF THE LIMITS OF CONSTRUCTION ARE NOT TO BE DISTURBED.

LOCATION OF ALL MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS:
THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT IS THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROL.

LOCATION OF EXPECTED STABILIZATION PRACTICES:
SEE PAVING, GRADING AND DRAINAGE PLANS.

WETLANDS AND SURFACE WATERS:
THE PROPOSED WORK DOES NOT ALTER OR IMPACT ANY WETLANDS OR SURFACE WATERS WITHIN THE PROJECT LIMITS.

LOCATIONS WHERE STORMWATER MAY DISCHARGE TO A SURFACE WATER OF MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4):

F. OUTFALL INFORMATION

LOCATION: LATITUDE 26° 11' 59" N, LONGITUDE 80° 11' 37" W

DESCRIPTION OF EXISTING DRAINAGE FEATURE: STORMWATER RUNOFF IS RETAINED IN EXISTING ONSITE PONDS, NO CONVEYANCE SYSTEM IS CURRENTLY PRESENT ON THE SITE

2.0 CONTROLS

A. EROSION AND SEDIMENT CONTROLS

THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE SWPPP OUTLINED IN THE PLAN SET AND THE USE OF STABILIZATION PRACTICES. TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH SPECIFICATION SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND SHALL BE IN COMPLIANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL , JULY 2013. WHERE FOLLOWING THE SWPPP OUTLINED IN THESE CONSTRUCTION PLANS, IT WILL BE NECESSARY TO CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE EROSION CONTROL PLAN, SUBJECT TO APPROVAL OF THE ENGINEER. AS WORK PROGRESSES, IT WILL BE NECESSARY TO MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES. THE DELINEATED MEASURES ARE THE MINIMUM REQUIRED, WITH ADDITIONAL CONTROLS TO BE UTILIZED AS NEEDED, DEPENDENT UPON ACTUAL SITE CONDITIONS AND CONSTRUCTION ACTIVITIES.

1. SEE THE SWPPP FOR CONSTRUCTION AREA AND THE IMPLEMENTATION OF TEMPORARY SEDIMENT CONTROL FEATURES. IT WILL BE NECESSARY TO DOCUMENT THIS PORTION OF THE SWPPP IN THE EROSION CONTROL PLAN

2. SEDIMENT BARRIERS SHALL BE INSTALLED FOR THE PURPOSE OF CONTROLLING SILTATION INTO ROADSIDE SWALES

3. INLET PROTECTION SYSTEMS SHALL BE INSTALLED FOR THE PURPOSE OF CONTROLLING SILTATION AT INLETS

4. ALL SEDIMENT CONTROL STRUCTURES SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBING ACTIVITY UPSTREAM OF THE CONTROL

2.A.1 STABILIZATION PRACTICES:

IN THE EROSION CONTROL PLAN, IT WILL BE NECESSARY TO DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. IT WILL BE NECESSARY TO INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

TEMPORARY:
*SEED AND MULCH OR SOD IN ACCORDANCE WITH CITY OF FORT ALUDERDALE STANDARDS.

PERMANENT:
*ASPHALT, CONCRETE OR GRAVEL SURFACE
*SOD IN ACCORDANCE WITH SPECIFICATION 570

2.A.2 STRUCTURAL PRACTICES

IN THE EROSION CONTROL PLAN, IT WILL BE NECESSARY TO DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP THE SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY:
*SEDIMENT BARRIER IN ACCORDANCE WITH SPECIFICATION 104, PREVENTION, CONTROL AND ABATMENT OF EROSION AND WATER POLLUTION
*INLET PROTECTION

PERMANENT:
*PAVEMENT, SOD OR GRAVEL SURFACE

B. STORMWATER MANAGEMENT

RUNOFF SHEET FLOWS TO ROADSIDE DITCHES AND IS CONVEYED TO LAKE

C. OTHER CONTROLS

2.C.1 DISCHARGE OF MATERIALS TO SURFACE WATERS

NO CONSTRUCTION MATERIAL SHALL BE DISCHARGED TO WATERS OF THE STATE UNLESS AUTHORIZED BY A SECTION 404 PERMIT AND/OR THE STATE OF FLORIDA ENVIRONMENTAL RESOURCE PERMIT. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN AN APPROVED UPLAND LOCATION. CONSTRUCTION MATERIAL SHALL NOT BE DISPOSED OF IN WETLANDS OR BURIED ONSITE.

2.C.2 OFF-SITE VEHICLE TRACKING AND DUST CONTROL

THE NECESSARY MEASURES SHALL BE TAKEN TO ENSURE THE CLEANUP OF SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORM WATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS.

STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFF-SITE TRACKING.

LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPAULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY.

2.C.3 WASTE DISPOSAL

THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS SHALL BE DEMONSTRATED. WASTE MAY INCLUDE, BUT NOT BE LIMITED TO, VEGETATION FROM CLEARING AND GRUBBING ACTIVITIES, PACKAGING MATERIALS, SCRAP BUILDING MATERIALS, LITTER FROM PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS. IT WILL BE NECESSARY TO DESIGNATE A WASTE COLLECTION AREA ONSITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP.

SANITARY / SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, IT WILL BE NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT SERVICE COMPANY AS REQUIRED BY STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS.

LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES SHALL BE PROVIDED. IT WILL BE NECESSARY TO PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THE STAGING, STOCKPILE AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

2.C.5 TOXIC/HAZARDOUS MATERIAL HANDLING

EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS, INCLUDING PETROLEUM PRODUCTS, SHALL BE PROVIDED. SPILLS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME INTO CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORM WATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURER RECOMMENDED METHOD.

A PROJECT SPECIFIC HAZARDOUS MATERIALS SPILL CONTROL PLAN IN ORDER TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS SHALL BE PROVIDED.

PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER.

TOXIC/HAZARDOUS MATERIALS EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLED AS PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

2.C.6 TURBIDITY CONTROL

CONTROL TURBIDITY IN ACCORDANCE WITH PERMITS USING FLOATING CURTAINS OR OTHER APPROVED MEANS. INSTALL FLOATING TURBIDITY BARRIERS WITH WEIGHTED SKIRTS THAT EXTEND TO WITHIN 1'-0" FROM THE BOTTOM AND ENCOMPASS ALL WORK AREAS THAT ARE IN, OR ADJACENT TO, SURFACE WATERS. TURBIDITY BARRIERS WILL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE AUTHORIZED WORK HAS BEEN COMPLETED AND ALL SUSPENDED AND ERODIBLE MATERIALS HAVE BEEN STABILIZED. REMOVE TURBIDITY BARRIERS UPON STABILIZATION OF THE WORK AREA IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND PERMIT REQUIREMENTS.

3.0 MAINTENANCE

THE RESPONSIBILITIES FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES AS PER SPECIFICATION SECTION 104, PREVENTION, CONTROL AND ABATEMENT OF EROSION CONTROL AND WATER POLLUTION AND EROSION CONTROL MATERIALS AS PER SECTION 981 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE MAINTENANCE OF THESE DEVICES AND MATERIALS WILL OCCUR UNTIL THE AREA HAS BEEN DEEMED PERMANENTLY STABILIZED. IT WILL BE REQUIRED TO REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES ONCE THEY HAVE SERVED THEIR PURPOSE. IT WILL BE NECESSARY TO INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE.

ALL DEVICES AND MATERIALS WILL BE MAINTAINED IN GOOD WORKING ORDER AND CONDITION. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.

4.0 INSPECTION

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT PRODUCES 0.50 INCHES OR MORE OF RAIN. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. IT WILL BE NECESSARY TO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

THE FOLLOWING ITEMS WILL BE INSPECTED:
*POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES
*POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORMWATER SYSTEMS
*DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED
*AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
*STRUCTURAL CONTROLS
*STORMWATER MANAGEMENT SYSTEMS
*LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE

IT WILL BE NECESSARY TO INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, IT WILL BE NECESSARY TO PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES

IN SPECIFICATION SECTION 104, PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, IT WILL BE NECESSARY TO IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). IT WILL BE NECESSARY TO DESCRIBE THE PROPOSED MEASURE TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED, CONTACT THE BROWARD COUNTY ENVIRONMENTAL PROTECTION AND GROWTH MANAGEMENT DEPARTMENT AT 954-519-1499

6.0 REQUIRED SUBMITTAL

THE CONTRACTOR WILL DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BEST MANAGEMENT PRACTICES, AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH CONSTRUCTION ACTIVITY REQUIRE TO INSTALL ALL PROPOSED IMPROVEMENTS. IT WILL BE NECESSARY TO PROVIDE TIME FRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE KEPT AT THE PROJECT FIELD OFFICE IN ORDER FOR THE PROJECT TO BE CONSIDERED IN COMPLIANCE WITH THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.

THE FOLLOWING ITEMS ARE ON SITE DURING ALL CONSTRUCTION PHASES:

1. COPY OF THE STORMWATER POLLUTION PREVENTION PLAN WITH THE ORIGINAL CERTIFICATION SIGNATURES
2. COPY OF THE EROSION CONTROL PLAN
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24 HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURED WITHIN THE PROJECT LIMITS
4. COMPLETED INSPECTION FORMS

THE FOLLOWING ITEMS WILL BE SUBMITTED TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION IN ORDER FOR THE NPDES PERMIT TO BE PROCESSED:

1. FDEP FORM 62-621.300(4)(B) - NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THIS NOTICE OF INTENT SHALL BE SIGNED.
2. REQUIRED PERMITTING FEES

THE NOI SHALL BE SUBMITTED TO FDEP NO LESS THAN 48 HOURS PRIOR TO THE START OF CONSTRUCTION. PROOF OF MAIL DATE WILL BE PROVIDED TO THE PROJECT ADMINISTRATOR.

7.0 DEWATERING ACTIVITIES

1. ANY PROJECT DEWATERING ACTIVITIES WILL CONSIST OF, BUT WILL NOT BE LIMITED TO THE FOLLOWING:
   - SUMP WITH INTAKE SCREEN, SEDIMENTS CONTROL FILTER BAG, PUMPING FILTERED WATER TO AN ONSITE AREA WHERE NATURAL DRAINAGE WILL CONVEY THE PUMPED WATER.

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REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

CITY OF FORT LAUDERDALE

THE CORRADINO GROUP

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SWPPP NOTES

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-001

GENERAL DEMOLITION SPECIFICATIONS:

1. THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES AND OTHER FEATURES AFFECTING THE WORK PRIOR TO DEMOLITION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES WHICH MAY EFFECT THE DEMOLITION WORK.
2. CHAPTER 553.851 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY ALL UTILITIES A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATING.
3. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, LABOR, SUPERVISION, AND EQUIPMENT REQUIRED FOR THE ORDERLY DEMOLITION AND REMOVAL OF EXISTING STRUCTURES, PAVEMENT AND UTILITIES AS SHOWN ON THE DRAWINGS AND DESCRIBED HEREIN.
4. THE CONTRACTOR IS REQUIRED TO FAMILIARIZE HIMSELF WITH THE STRUCTURES TO BE DEMOLISHED.
5. THE FOLLOWING LIST OF STRUCTURES REQUIRING DEMOLITION IS INCLUDED FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE DRAWINGS INDICATE THE SCOPE OF DEMOLITION WHERE DEMOLITION IS REQUIRED.
   - 5.1. DEMOLITION AND REMOVAL OF A 5' MIN.± STRIP OF EXISTING ON-SITE ASPHALT, CONCRETE AND CURBING AROUND THE PERIMETER OF THE EXISTING STRUCTURES AND UTILITIES BEING DEMOLISHED.
   - 5.2. REMOVAL OF EXISTING ON-SITE ABOVEGROUND AND UNDERGROUND UTILITIES, INCLUDING REMOVAL OR PLUGGING OF EXISTING UTILITIES AS SHOWN ON PLANS.
6. PRIOR TO REMOVAL OF ANY UNDERGROUND TANK AND OTHER COMPONENT, CONTRACTOR MUST COMPLETELY DRAIN THE SYSTEMS TO AN APPROVED SANITATION TANK FOR DISPOSAL TO AN APPROVED LOCATION, AS REQUIRED BY DISPOSAL PERMIT.
7. PROTECT AND SAVE ALL UTILITIES, UNLESS OTHERWISE NOTED.
8. ALL THE CONCRETE AND PAVEMENT TO BE REMOVED MUST BE SAW CUT CLEAN PRIOR TO REMOVAL
9. WET DOWN MASONRY WALLS AND DEBRIS DURING DEMOLITION AND LOADING OPERATIONS TO PREVENT THE SPREAD OF DUST (AS APPLICABLE TO PROJECT).
10. ALL EXISTING STRUCTURES, PAVEMENTS, SLABS, FOUNDATIONS, STEPS AND OTHER ON-SITE EXISTING FEATURES INDICATED ON THE DRAWINGS TO BE REMOVED SHALL BE DEMOLISHED AND REMOVED BY THE CONTRACTOR (AS APPLICABLE TO PROJECT).
11. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AT THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK.
12. THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO REMOVAL OR RELOCATION OF ANY ELECTRICAL, TELEPHONE, CABLE AND/OR GAS LINES. SUFFICIENT TIME SHALL BE PROVIDED FOR RELOCATION AND CLOSE COORDINATION WITH THE UTILITY COMPANY TO PROVIDE A SMOOTH TRANSITION IN UTILITY SERVICE.
13. CONTRACTOR MUST STOP OPERATION AND NOTIFY THE OWNER/ENGINEER FOR PROPER DIRECTION IF ANY ENVIRONMENTAL OR HEALTH RELATED CONTAMINANT IS ENCOUNTERED DURING THE DEMOLITION/EXCAVATION PROCESS.
14. FILL FOR LOWER LEVELS OF DEMOLISHED STRUCTURES MAY INCLUDE CONCRETE OR MASONRY RUBBLE RESULTING FROM DEMOLITION, SUBJECT TO THE ENGINEER'S/ARCHITECT'S APPROVAL. RUBBLE SHALL NOT EXCEED SIX (6) INCHES IN LONGEST DIMENSION.
15. REMOVE AND LEGALLY DISPOSE OF ALL OTHER RUBBISH, RUBBLE, AND DEBRIS. COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS GOVERNING DISPOSAL OF WASTES AND DEBRIS.
16. CONTINUOUS ACCESS AND OPERATION SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AND BUILDINGS AT ALL TIMES DURING DEMOLITION.
17. PRIOR TO DEMOLITION OCCURRING ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.
18. ALL SIGNS OUTSIDE THE DEMOLITION AREA ARE TO REMAIN UNLESS OTHERWISE SPECIFIED.
19. ANY MUCK ENCOUNTERED UNDER PROPOSED STRUCTURES SHALL BE REMOVED TO 5 FT. BEYOND THE FOOTPRINT OF THAT STRUCTURE. BACKFILL WITH APPROVED FILL MATERIAL SATISFYING ALL COMPACTION REQUIREMENTS.
20. ALL EXISTING UTILITIES WITHIN THE DEMOLITION AREA SHALL BE ADJUSTED, REMOVED OR RELOCATED PRIOR TO START OF WORK. ALL UTILITY ADJUSTMENTS, REMOVALS, OR RELOCATION SHALL BE APPROVED BY THE CITY OF FORT LAUDERDALE, THE UTILITY OWNER, AND THE ENGINEER OF RECORD PRIOR TO ANY ACTIVITY ON THE UTILITIES. ALL WORK WITH EACH UTILITY OWNER SHALL BE COORDINATED BY THE CONTRACTOR.
21. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION.
22. ALL TRASH, DEBRIS AND OTHER MATERIAL REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.

PRE-DEMOLITION RESPONSIBILITIES

1. PRIOR TO COMMENCING DEMOLITION WORK, THE CONTRACTOR SHALL ARRANGE A PRE-DEMOLITION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, THE OWNER, THE ENGINEER AND THE CONTRACTOR.
2. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A DEMOLITION SCHEDULE DEPICTING EACH PHASE OF THE WORK.
3. PRIOR TO DEMOLITION, CONTRACTOR TO PROVIDE FOR THE OWNER A LISTING OF THE FACILITIES THE CONTRACTOR WILL UTILIZE FOR RECYCLING AND DISPOSAL OF SPECIFIC MATERIALS. CONTRACTOR TO SPECIFY THE MATERIALS INTENDED FOR RECYCLING AND THE MATERIALS INTENDED FOR DISPOSAL.
4. PRIOR TO DEMOLITION CONTRACTOR TO PROVIDE THE OWNER SKETCHES SHOWING PROPOSED HAULING ROUTES TO RECYCLING AND DISPOSAL FACILITIES.
5. PRIOR TO BEGINNING DEMOLITION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF DEMOLITION.
6. EXISTING UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH IT FAILS TO REQUEST LOCATIONS FROM THE UTILITY OWNER. THE CONTRACTOR IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
8. THE LOCATIONS OF EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS FOR THE FIELD LOCATIONS AND FOR ANY RELOCATIONS OF THE VARIOUS EXISTING UTILITIES WITH THE UTILITY OWNERS, WHICH SHALL BE DONE IN A TIMELY MANNER TO MINIMIZE IMPACT ON DEMOLITION SCHEDULE.
9. SUNSHINE STATE ONE CALL OF FLORIDA, INC. REQUIRES THE CONTRACTOR TO CALL TWO (2) FULL BUSINESS DAYS (BUT NOT MORE THAN FIVE) PRIOR TO BREAKING GROUND TO FIND OUT WHERE BURIED FACILITIES (ELECTRICAL, GAS, TELEPHONE, CABLE, WATER) ARE LOCATED.

DEMOLITION SAFETY

1. ALL DEMOLITION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.
2. PROVIDE ADEQUATE PROTECTION FOR PERSONS AND PROPERTY AT ALL TIMES. EXECUTE THE WORK IN A MANNER TO AVOID HAZARDS TO PERSONS AND PROPERTY AND PREVENT INTERFERENCE WITH THE USE OF AND ACCESS TO ADJACENT BUILDINGS. STREETS AND SIDEWALKS SHALL NOT BE UNNECESSARILY BLOCKED BY DEBRIS AND EQUIPMENT.
3. BUILDING MATERIALS SHALL BE TESTED FOR ASBESTOS.
4. IF PETROLEUM PRODUCTS ARE FOUND WHILE DEMOLISHING, PETROLEUM WASTE SHOULD BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

PAVEMENT DEMOLITION

1. WHERE EXISTING PAVEMENT IS TO BE REMOVED, SAW-CUT THE SURFACING LEAVING A UNIFORM AND STRAIGHT EDGE WITH MINIMUM DISTURBANCE TO THE REMAINING ADJACENT SURFACING. IF DEMOLITION RESULTS IN RAVELING OF SAW CUT SURFACE , RECUT BACK FROM THE RAVELED EDGE PRIOR TO RESTORATION.
2. WHERE EXISTING PAVEMENT, CURB, CURB AND GUTTER, SIDEWALK, DRIVEWAY, OR VALLEY GUTTER IS REMOVED FOR INLETS, MANHOLES, APPURTENANCES, FACILITIES OR STRUCTURES, SAID PAVEMENT, ETC., SHALL BE REPLACED AND RESTORED IN EQUAL OR BETTER CONDITION THAN THE ORIGINAL. CONTRACTOR SHALL PROVIDE ALL NECESSARY LABOR, MATERIALS, EQUIPMENT, TOOLS, SUPPLIES, AND OTHER EQUIPMENT AS REQUIRED.
3. CONTRACTOR MAY LIMIT SAW-CUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THIS PLAN; HOWEVER, IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, SIDEWALK, BUILDINGS, UTILITIES, ETC., THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR IT'S REMOVAL AND REPAIR TO EQUAL OR BETTER QUALITY.

DEMOLITION PERMITTING

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY REQUIRED PERMITS FOR DEMOLITION FROM RESPONSIBLE REGULATORY AGENCIES WHILE FULLY ACKNOWLEDGING AND COMPLYING WITH ALL REQUIREMENTS PRIOR TO COMMENCING DEMOLITION WORK.
2. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE THE EXTENT OF DEMOLITION, RECYCLING OR REUSE REQUIRED IN ORDER TO PERFORM THE CONTRACT WORK FOR THIS PROJECT. THE CONTRACTOR SHALL CONDUCT SITE VISITS AND SHALL EXAMINE ALL OF THE INFORMATION WITHIN THESE DOCUMENTS: ALL DISCREPANCIES AND/OR OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO BID SUBMITTAL.
3. THE CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO COMMENCEMENT OF ANY WORK. ACTUAL REMOVAL AND/OR RELOCATION OF ALL EXISTING LANDSCAPING WITHIN DEMOLITION AREAS TO BE CONDUCTED BY A LANDSCAPE CONTRACTOR. IT IS THE RESPONSIBILITY OF THE SITEWORK DEMOLITION CONTRACTOR TO COORDINATE DEMOLITION ACTIVITIES WITH THE LANDSCAPE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND PRESERVING TREES AS INDICATED ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TREE REMOVAL PERMIT OR ANY OTHER APPLICABLE PERMIT TO REMOVE, RELOCATE, OR PRESERVE EXISTING LANDSCAPE & TREES.
4. ANY TREES FOR REMOVAL FOUND TO BE GREATER THAN OR EQUAL TO THREE (3) INCHES IN DIAMETER AT BREAST HEIGHT (DBH) WILL REQUIRE A PERMIT WITH THE BROWARD COUNTY ENVIRONMENTAL PROTECTION AND GROWTH MANAGEMENT DEPARTMENT (BCEPGMD).
5. SHOULD REMOVAL AND/OR RELOCATION ACTIVITIES DAMAGE THE LIGHTING, STORM INLET STRUCTURES, OR OTHER STRUCTURES DESIGNATED TO BE SAVED, THEN THE CONTRACTOR SHALL PROVIDE NEW MATERIALS/STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

DEMOLITION EROSION AND SEDIMENT CONTROL NOTES:

1. THE SCHEDULING, SEQUENCING AND CONTROL MEASURES, WHICH ARE OUTLINED HEREIN, ARE SUBJECT TO THE FINAL DEFINITION BY THE CONTRACTOR WHO WILL BE SELECTED TO PERFORM THE WORK AND WILL BE RESPONSIBLE FOR IMPLEMENTATION AND COMPLIANCE.
2. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A DEMOLITION SCHEDULE DEPICTING EACH PHASE OF THE WORK. THE CONTRACTOR SHALL ALSO BE REQUIRED TO SUBMIT AN EROSION AND SEDIMENT CONTROL PLAN ENCOMPASSING THE PRINCIPALS AND THE REQUIREMENTS DESCRIBED HEREIN AND A SCHEDULE FOR THEIR IMPLEMENTATION AND MAINTENANCE FOR THE PROJECT DURATION.
3. DURING DEMOLITION, THE CONTRACTOR SHALL TAKE ALL REASONABLE MEASURES TO ENSURE AGAINST POLLUTING, SILTATION OR DISTURBANCE TO SUCH AN EXTENT AS TO CAUSE AN INCREASE IN TURBIDITY TO THE EXISTING DRAINAGE SYSTEMS AND ADJACENT WATER BODIES AND WETLANDS, IN COMPLIANCE WITH ALL PERMIT REQUIREMENTS RELATED TO SUCH MEASURES.
4. METHODS MAY INCLUDE DEMOLITION OF TEMPORARY CONTROL STRUCTURES SUCH AS SEDIMENT BASINS, SEDIMENT CHECKS, SILT BARRIERS, SILT SCREENS, TURBIDITY BARRIERS OR THE BEST MANAGEMENT PRACTICES AVAILABLE TO THE INDUSTRY.
5. EROSION AND SEDIMENT CONTROL INSTALLATIONS SHALL BE MAINTAINED THROUGHOUT THE DEMOLITION PERIOD AND UNTIL NEW VEGETATIVE GROWTH HAS BEEN ESTABLISHED.
6. THROUGHOUT THE DEMOLITION PERIOD, THE CONTRACTOR SHALL INSPECT DAILY THE PROTECTIVE INSTALLATIONS FOR FAILURE OR SIGNS OF FAILURE OR MALFUNCTION AND EFFECT REPAIRS OR REPLACEMENT IMMEDIATELY UPON DISCOVERY.
7. INLETS AND CATCH BASINS, EXISTING ON-SITE AND OFF-SITE, SHALL BE PROTECTED FROM SEDIMENT STORM RUNOFF.
8. THE CONTRACTOR SHALL PROMPTLY REMOVE ALL MUD, DIRT OR OTHER MATERIALS TRACKED OR SPILLED ONTO EXISTING PUBLIC ROADS AND FACILITIES DUE TO DEMOLITION.
9. DEWATERING ACTIVITIES WILL NOT RESULT IN ANY DISCHARGE OF TURBID WATER FROM THE PROJECT SITE WITHOUT PROPER EROSION AND SEDIMENT CONTROL AND APPROVAL FROM ENGINEER.
10. PHASING OF EROSION CONTROL DEMOLITION SHALL BE RECOMMENDED AS FOLLOWS:
    - 10.1. PLACEMENT OF PERIMETER PROTECTIVE MEASURES (SILT FENCE, HAY BALES, TURBIDITY BARRIERS, ETC.) AROUND ON-SITE FEATURES TO BE RETAINED, AT POINTS OF OFF-SITE DISCHARGE AND AROUND WORK AREAS TO BE EXCAVATED OR FILLED.
    - 10.2. REROUTE RUNOFF FROM AREAS OUTSIDE OF THE DEMOLITION AREA TO MINIMIZE FLOW THROUGH AREAS TO BE DISTURBED BY DEMOLITION. BERMS, SWALES AND OTHER MEANS USED FOR SUCH CONVEYANCE SHALL BE VEGETATED AND MEASURES TAKEN TO PROVIDE PROTECTION UNTIL STABILIZATION OCCURS (AS APPLICABLE TO THE PROJECT).
    - 10.3. SELECT LOCATIONS FOR PLACEMENT OF EXCAVATED MATERIAL, WHERE SUITABLE FOR FILL OR UNSUITABLE MATERIAL, AND CONSTRUCT CONTAINMENT BERMS AROUND THE AREA. THE USE OF STRIPING FOR THIS PURPOSE MAY ACCELERATE BERM REVEGETATION. CONSTRUCT TEMPORARY OUTLETS FOR CONTAINMENT AREAS WITH SCREENS, HAY BALES, SETTLING BASINS OR OTHER MEASURES TO PREVENT SILT TRANSPORT.
    - 10.4. SELECT / DESIGNATE ACCESS ROUTING FOR DEMOLITION EQUIPMENT AND VEHICLES AND PROVIDE PERIMETER PROTECTIVE MEASURES WHERE EXISTING TERRAIN WILL BE SUBJECT TO DISRUPTION BY SUCH TRAFFIC.
    - 10.5. CONSTRUCT ABOVE GROUND OR OTHER CONTAINMENT AREAS FOR DEMOLITION AREA RUNOFF. PROVIDE SCREENS, HAY BALES, ETC. TO FILTER DISCHARGE FROM THOSE AREAS.
    - 10.6. SPOIL MOUNDS SHALL NOT BE LEFT FOR MORE THAN ONE WEEK PRIOR TO REPLACEMENT UNLESS PROTECTIVE CONTAINMENT MEASURES IN THE WORK AREA ARE APPLIED.
    - 10.7. GRASSING, SODDING, ETC. SHALL BE IN PLACE IMMEDIATELY UPON COMPLETION OF REGRADING, SWALE SLOPES AND THE CONSTRUCTED OR DISTURBED AREAS.
11. THE CONTRACTOR IS REQUIRED TO ADHERE TO THE REQUIREMENT OF THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES). THE CONTRACTOR SHALL INSTITUTE BEST MANAGEMENT PRACTICES (BMPs) TO ENSURE COMPLIANCE WITH THE NPDES PROGRAM AND TO MINIMIZE THE IMPACT TO PUBLIC STORMWATER FACILITIES. A NOTICE OF INTENT (NOI) SHALL BE FILED PRIOR TO BEGINNING CONSTRUCTION ACTIVITIES.
12. PRIOR TO CONSTRUCTION, A SILT FENCE IN ACCORDANCE WITH CITY'S DETAIL SILT FENCE SHALL BE ERECTED AS NOTED ON PLANS. ALL PROPOSED CATCH BASINS WILL HAVE THEIR INLETS PROTECTED BY THE INSTALLATION OF FILTER FABRIC INTO THE FRAME AND GRATE. THIS SILT FENCE AND FILTER FABRIC WILL REMAIN IN PLACE DURING THE ENTIRE DURATION OF CONSTRUCTION.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

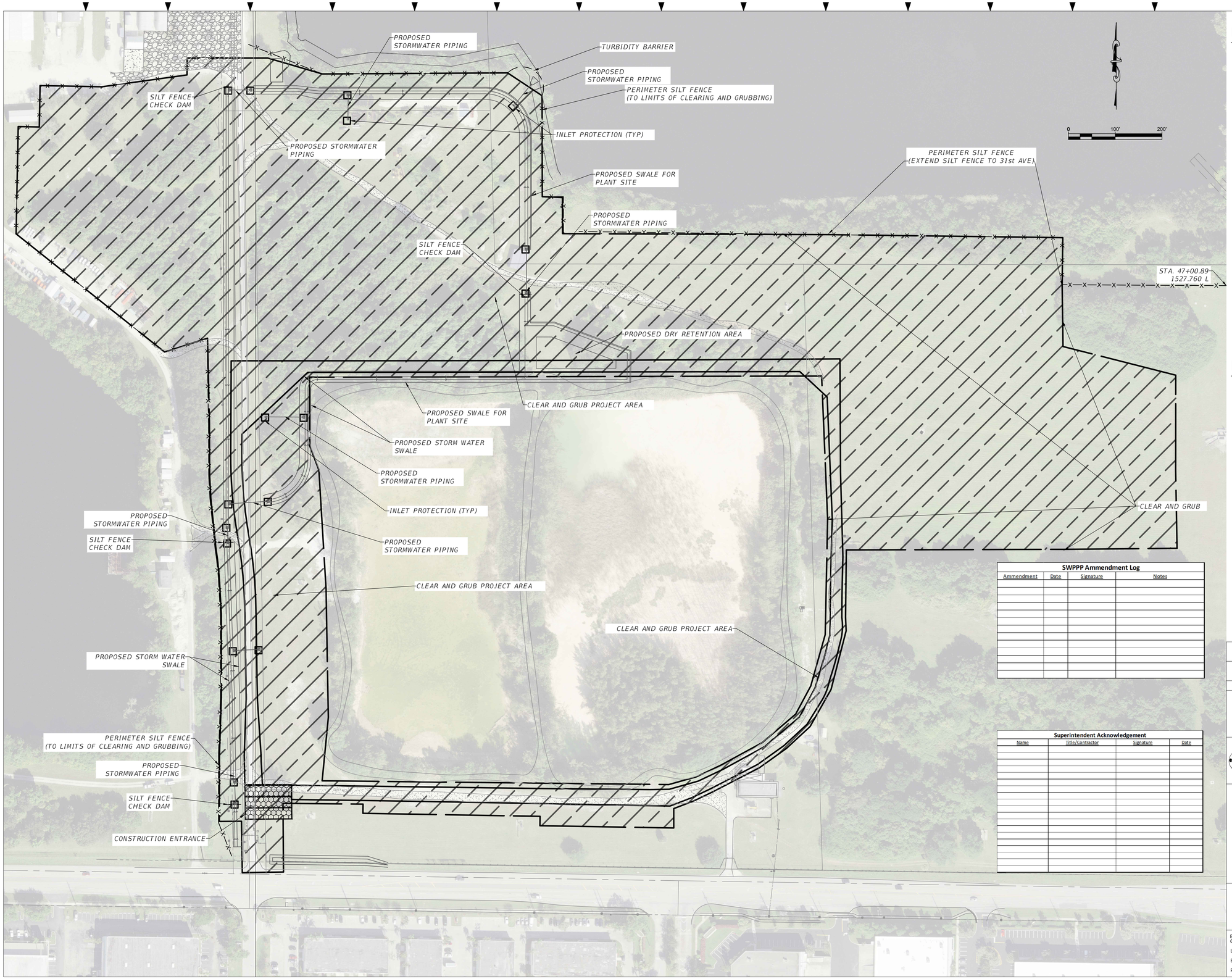
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SWPPP NOTES

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-002



LEGEND

- SILT FENCE
- TURBIDITY BARRIER
- STORM DITCH
- INLET PROTECTION
- CLEAR AND GRUB
- GRAVEL CONSTRUCTION ENTRANCE
- GRAVEL
- ASPHALT PAVEMENT
- DIRT ROAD

NOTES

1. ALL SWALES AND DRY RETENTION IS PROPOSED FOR THE FINAL OPERATING CONDITION OF THE SITE.

SWPPP Ammendment Log

Ammendment	Date	Signature	Notes

Superintendent Acknowledgement

Name	Title/Contractor	Signature	Date

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

CITY OF FORT LAUDERDALE

THE CORRADINO GROUP

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STORMWATER POLLUTION PREVENTION PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-003

EROSION AND SEDIMENT CONTROL:

1. CONTRACTOR TO EMPLOY BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION IN ORDER TO ENSURE POLLUTION PREVENTION. CONTRACTOR TO COMPLY WITH ALL LOCAL STATE AND OTHER GOVERNMENTAL ENVIRONMENTAL REGULATIONS THROUGHOUT CONSTRUCTION.
2. DURING CONSTRUCTION ALL CATCH BASIN INLETS SHALL BE PROTECTED TO PREVENT SEDIMENT AND DEBRIS FROM ENTERING THE CATCH BASIN.
3. SILT FENCES SHALL BE INSTALLED AS NECESSARY TO CONTROL OR PREVENT DISCHARGE OF SEDIMENT ONTO ADJACENT UNDISTURBED AREAS, OR OFF-SITE AREAS.
4. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED WITHIN A REASONABLE PERIOD OF TIME TO ASSURE MINIMUM EROSION OF SOILS.
5. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
6. ALL EXPOSED AREAS SHALL BE SODDED AS SPECIFIED WITHIN 30 DAYS OF FINAL GRADING.
7. MAINTAIN EROSION CONTROL MEASURES AFTER EACH RAIN AND AT LEAST ONCE A WEEK.
8. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
9. CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
10. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY CITY, COUNTY, AND STATE OF FLORIDA ON SITE INSPECTION, AT NO ADDITIONAL COST TO THE OWNER.
11. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES.
12. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
13. BURNING OF DEBRIS WILL NOT BE ALLOWED.
14. CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
15. CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (HAY BALES OR SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATER WAYS. IN ADDITION CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL ON GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT SITE IF IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES IF EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC. THE CONTRACTOR IS TO REMOVE AND CLEAN SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES. EROSION CONTROL BARRIER SHALL BE ESTABLISHED AS THE FIRST ITEM OF WORK.

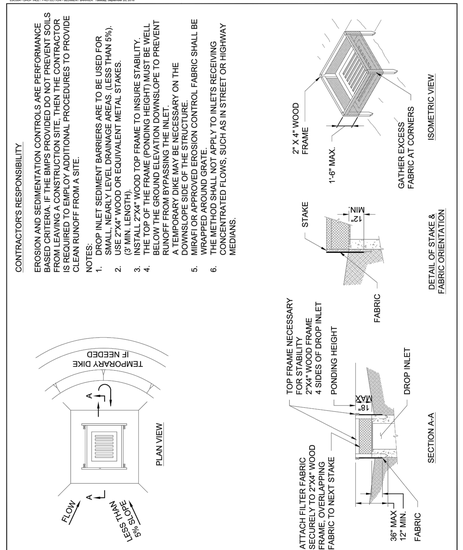
CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	EROSION AND SEDIMENT CONTROL NOTES SHEET 1	SHEET NO. ESC 001 REVISED 2017.07.08

16. THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S STORMWATER PERMITTING PROGRAM APPLIES TO ALL CONSTRUCTION ACTIVITY THAT: 1) CONTRIBUTE STORMWATER DISCHARGES TO SURFACE WATER OF THE STATE OR INTO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4); 2) DISTURBS ONE OR MORE ACRES OF LAND; OR 3) LESS THAN ONE ACRE IS INCLUDED IF THE ACTIVITY IS PART OF A LARGER COMMON PLAN OF DEVELOPMENT THAT WILL MEET OR EXCEED THE ONCE ACRE THRESHOLD. DISTURB INCLUDES CLEARING, GRADING AND EXCAVATING.
17. FOR CONSTRUCTION ACTIVITY THAT IS SUBJECT TO THE NPDES FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S STORMWATER PERMITTING PROGRAM, THE CONTRACTOR SHALL:
    - 17.1. OBTAIN A GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION DOCUMENT 62-621.300(4)(A).
    - 17.2. COMPLY WITH ALL REQUIREMENTS OF THE GENERIC PERMIT.
    - 17.3. DEVELOP AND IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN (SWPPP).
    - 17.4. COMPLETE A NOTICE OF INTENT (NOI) FLORIDA DEPARTMENT OF ENVIORNMENTAL PROTECTION FORM 62-621.300(4)(B) IN ITS ENTIRETY USING THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S WEBSITE.
18. SUBMIT COPIES OF THE SWPPP AND THE NOI TO THE ENGINEER AS INFORMATIONAL RECORDS. THESE SUBMITTALS WILL NOT BE REVIEWED BY THE ENGINEER.
19. CONTRACTOR TO CLEAN AND REPAIR ALL EXISTING STORMWATER INFRASTRUCTURE THAT IS IMPACTED BY CONSTRUCTION ACTIVITIES, BEFORE LEAVING THE JOBSITE.
20. CONTRACTOR TO REMOVE ALL FILTER FABRIC AND POLLUTION PREVENTION ITEMS BEFORE THE FINAL WALK-THROUGH.

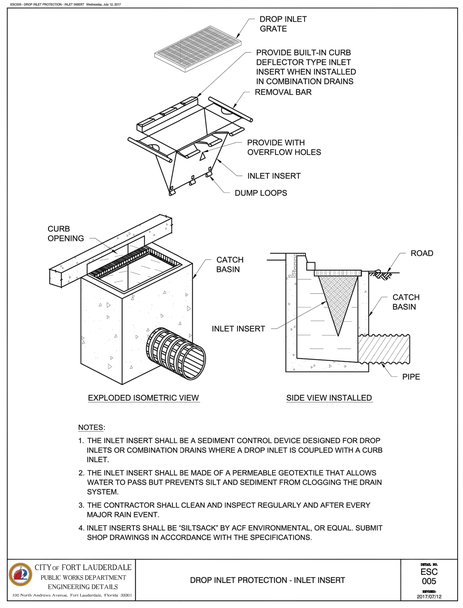
CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	EROSION AND SEDIMENT CONTROL NOTES SHEET 2	SHEET NO. ESC 001 REVISED 2017.07.08

CONTRACTOR'S RESPONSIBILITY:
EROSION AND SEDIMENTATION CONTROLS ARE PERFORMANCE BASED CRITERIA. IF THE BMPS PROVIDED DO NOT PREVENT SOILS FROM LEAVING THE SITE, THE BMPS MUST BE ENHANCED AS IS REQUIRED TO EMPLOY ADDITIONAL PROCEDURES TO PROVIDE CLEAN RUNOFF FROM A SITE.

NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%).
2. USE 2"X4" WOOD OR EQUIVALENT METAL STAKES.
3. INSTALL 2"X4" WOOD TOP FRAME TO INSURE STABILITY.
4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GRATE ELEVATION TO ENCLOSE TO PREVENT RUNOFF FROM BYPASSING THE INLET.
5. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE INLET. SEE DETAILS.
6. MIRAFI OR APPROVED EROSION CONTROL FABRIC SHALL BE WRAPPED AROUND GRATE.
7. DESIGN MAY NEED TO BE MODIFIED TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

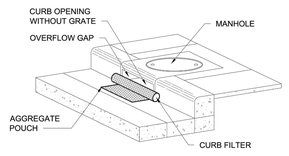


CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	DROP INLET PROTECTION - SEDIMENT BARRIER	SHEET NO. ESC 004 REVISED 2016/09/21



NOTES:
1. THE INLET INSERT SHALL BE A SEDIMENT CONTROL DEVICE DESIGNED FOR DROP INLETS OR COMBINATION DRAINS WHERE A DROP INLET IS COUPLED WITH A CURB INLET.
2. THE INLET INSERT SHALL BE MADE OF A PERMEABLE GEOTEXTILE THAT ALLOWS WATER TO PASS BUT PREVENTS SILT AND SEDIMENT FROM CLOGGING THE DRAIN SYSTEM.
3. THE CONTRACTOR SHALL CLEAN AND INSPECT REGULARLY AND AFTER EVERY MAJOR RAIN EVENT.
4. INLET INSERTS SHALL BE 'SILTSACK' BY ACF ENVIRONMENTAL, OR EQUAL. SUBMIT SHOP DRAWINGS IN ACCORDANCE WITH THE SPECIFICATIONS.

CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	DROP INLET PROTECTION - INLET INSERT	SHEET NO. ESC 005 REVISED 2017.07.12



NOTES:
1. INSTALL CURB FILTERS AT ALL INLETS WITHOUT GRATES TO KEEP SILT, SEDIMENT AND CONSTRUCTION DEBRIS OUT OF THE STORM SYSTEM
2. THE CURB FILTER SHALL BE DANDY CURB AS MANUFACTURED BY DANDY PRODUCTS INC., OR EQUAL. SUBMIT SHOP A SHOP DRAWING FOR THE CURB FILTERS.
3. THE CURB FILTER SHALL FORM OF A CYLINDRICAL TUBE PLACED IN FRONT OF AND EXTENDING BEYOND THE INLET OPENING ON BOTH SIDES.
4. THE CURB FILTER SHALL HAVE A POUCH ON THE STREET SIDE OF THE UNIT FOR STONE AGGREGATE TO HOLD THE FILTER IN PLACE.
5. THE CURB FILTER SHALL BE CONSTRUCTED OF A HIGH VISIBILITY ORANGE MONOFILAMENT FABRIC.
6. FILL POUCH WITH FDOT #57 STONE AGGREGATE TO A LEVEL (AT LEAST HALF-FULL) THAT WILL KEEP UNIT IN PLACE DURING A RAIN EVENT AND CREATE A SEAL BETWEEN THE CURB FILTER AND THE SURFACE OF THE STREET.
7. CENTER THE UNIT AGAINST CURB OR MEDIAN INLET OPENING SO THAT THE CURB SIDE OF THE UNIT CREATES A SEAL WITH THE CURB OR MEDIAN BARRIER AND INLET STRUCTURE. THERE WILL BE APPROXIMATELY TWELVE (12) INCHES OF THE INLET PROTECTION UNIT OVERHANGING ON EACH SIDE OF THE OPENING.
8. THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT AND DEBRIS FROM SURFACE AND VICINITY OF UNIT AFTER EACH RAIN EVENT.

CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	CURB INLET PROTECTION - CURB FILTER	SHEET NO. ESC 006 REVISED 2017/07/19

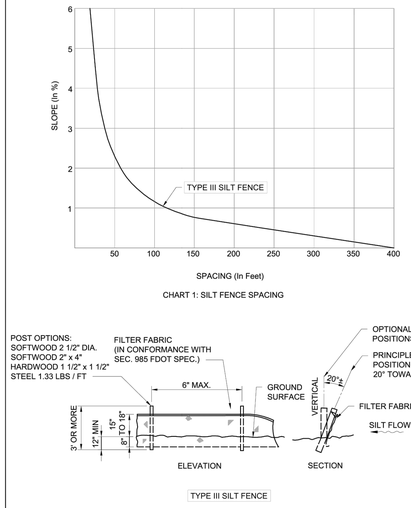
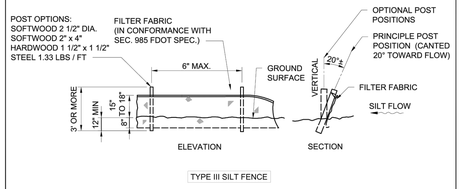
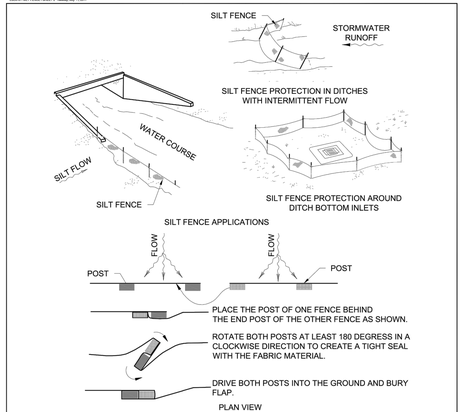


CHART 1: SILT FENCE SPACING



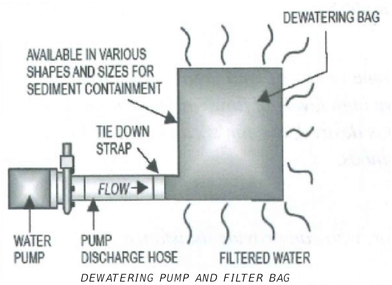
TYPE III SILT FENCE

CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	SILT FENCE - SHEET 1	SHEET NO. ESC 009 REVISED 2017/07/12



NOTES:
1. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1.
2. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
3. WHERE USED AS SLOPE PROTECTION . SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.

CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	SILT FENCE - SHEET 2	SHEET NO. ESC 010 REVISED 2017/07/11



DEWATERING PUMP AND FILTER BAG



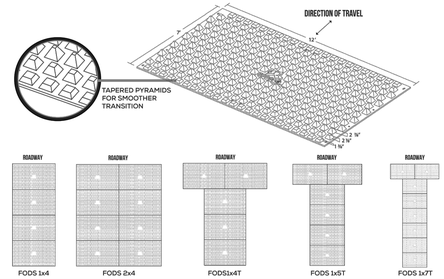
FODS TCM MODEL #1100 APPLICATION

The FODS Composite trackout control system is designed to be used as a temporary construction entrance that provides site access while minimizing sediment leaving the site. The top surface of the construction entrance mat is covered with pyramids that dislodge and collect mud. The mats are unidirectional and are meant to have the tapered and staggered pyramids in the direction of travel. Individual mats are connected together with hardware to form various configurations to fit your jobsite.



FEATURES

- Mat Size: 12'(w) x 7' (l) x 3 3/4" (t) (2 7/8" Pyramid Height)
- 3 Year Manufacture Warranty
  - Certification and Compliance
  - US Patent #US 8,061,927 B1
  - CalTrans TC-1 - Alternative BMP
- 10% Post-Consumer Recycled
- Compression Molded HDPE
- Reusable
- Increased Effectiveness at Reducing Site Trackout
- Extreme Durability
- Crush Rating of 20,000 lbs Per Pyramid
- Highly Visible
- Easy and Efficient to Transport
- UV Stable



FODS LLC. | THE MUD STOPS HERE | GETFODS.COM | 1-844-200-3637

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

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SWPPP DETAILS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-004

STRUCTURE NUMBER	DESCRIPTION	BARRELS	REINFORCED CONCRETE PIPE			DITCH BOTTOM INLETS			MITERED END SECTION		STRAIGHT CONCRETE ENDWALL	REMARKS
			ROUND			TYPE C	TYPE F	TYPE G				
			18"	24"	36"				18"	24"	36"	
S-1	INLET, PIPE	1	77			1						CLASS I RCP
S-2	INLET, PIPE	1	48				1					CLASS I RCP
S-3	INLET,PIPE	1			58			1				CLASS I RCP
MES-1A	MES, PIPE	1	42						1			CLASS I RCP
MES-1B	MES								1			
MES-2A	MES, PIPE	1	28						1			CLASS I RCP
MES-2B	MES								1			
MES-3A	MES, PIPE	1		78						1		CLASS I RCP
MES-3B	MES									1		
MES-4	MES								1			
MES-5A	MES, PIPE	1		88						1		CLASS I RCP
MES-5B	MES									1		
MES-6A	MES, PIPE	1		41						1		CLASS I RCP
MES-6B	MES									1		
MES-7	MES								1			
MES-8A	MES, PIPE	1	49						1			CLASS I RCP
MES-8B	MES								1			
EW-1	EW										1	
			LF	LF	LF	EA	EA	EA	EA	EA	EA	
TOTALS:			244	207	58	1	1	1	8	6	1	

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

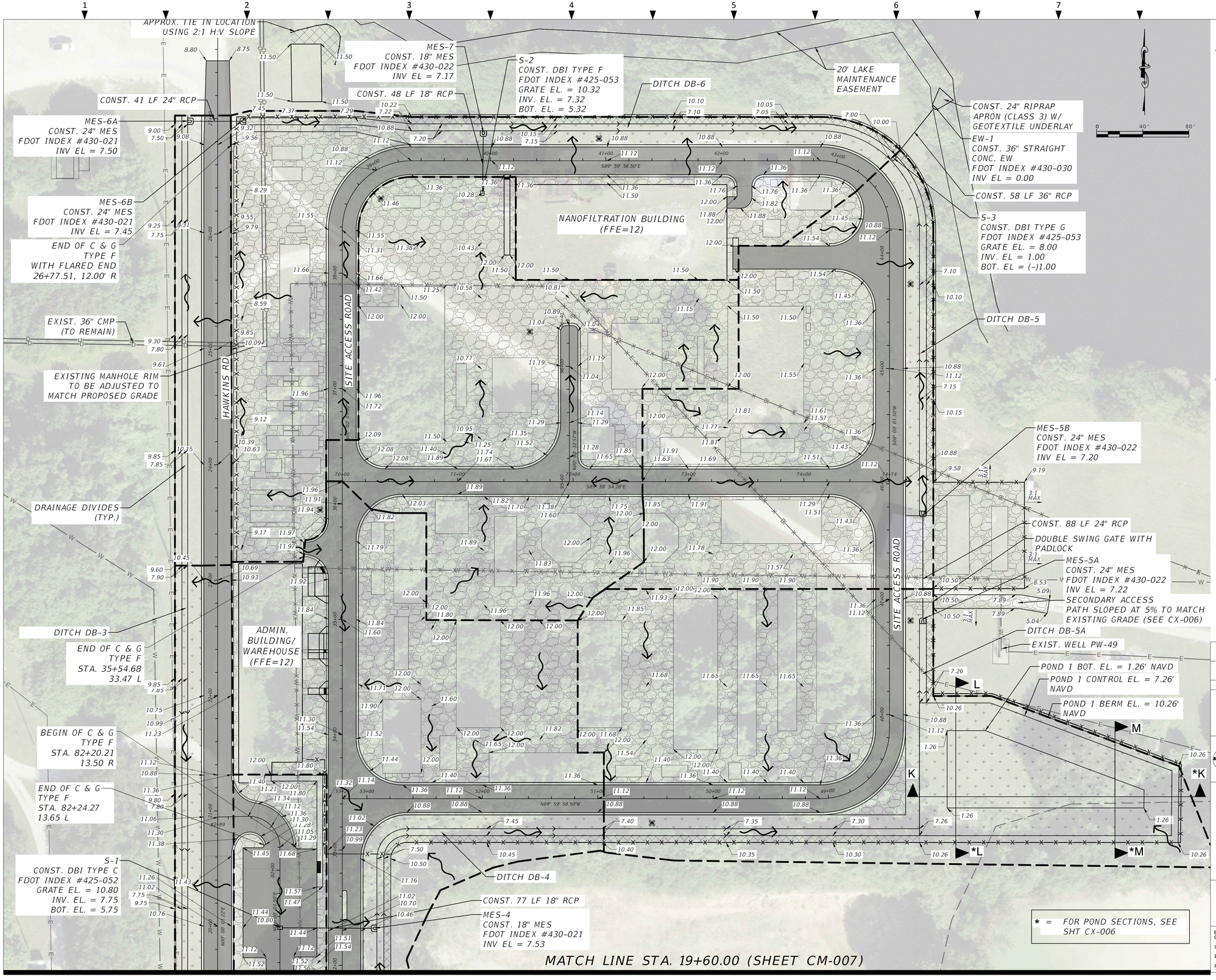
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SUMMARY OF DRAINAGE

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-005



LEGEND

- EXISTING WATER MAIN (W)
- EXISTING STORM WATER PIPE (D)
- EXISTING FORCE MAIN (SS)
- EXISTING UTILITIES (COMM, E)
- EXISTING UTILITY EASEMENT
- EXISTING SLUDGE LINE
- EXISTING TOP OF BERM
- EXISTING TOE OF BERM
- EXISTING DRAIN DIVIDER
- GRAVEL
- DIRT ROAD
- ASPHALT PAVEMENT
- SOD
- SLOPE STABILIZATION
- DIRECTION OF FLOW

NOTES

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 24" SUMP.
3. THE CROSS SLOPE ON ALL ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 5%.
4. ALL PROPOSED CURB AND GUTTER SHALL COMPLY WITH FDOT INDEX 520-001.
5. MINIMUM COVER FOR RCP STORM PIPING SHALL BE 24" FROM TOP OF BASE FOR ASPHALT AND 24" UNDER GRASS AND COMPACTED SUBGRADE.
6. ALL PROPOSED BUILDINGS AND EQUIPMENT PADS SHALL HAVE A FINISHED FLOOR ELEVATION OF 12.0 (NAVD). THIS SATISFIES THE CRITERIA OF FEMA +2 THAT IS REQUIRED FOR THE PROPOSED LAND USE.
7. ALL ELEVATIONS SHOWN ON THIS SHEET REFER TO THE NAVD 88.
8. REFER TO THE YARD PIPING PLAN FOR ALL PROPOSED YARD PIPING, POTABLE WATER, AND SANITARY SEWER INFRASTRUCTURE. THESE PROPOSED ITEMS ARE DESIGNED BY OTHERS AND ARE SHOWN FOR REFERENCE ONLY.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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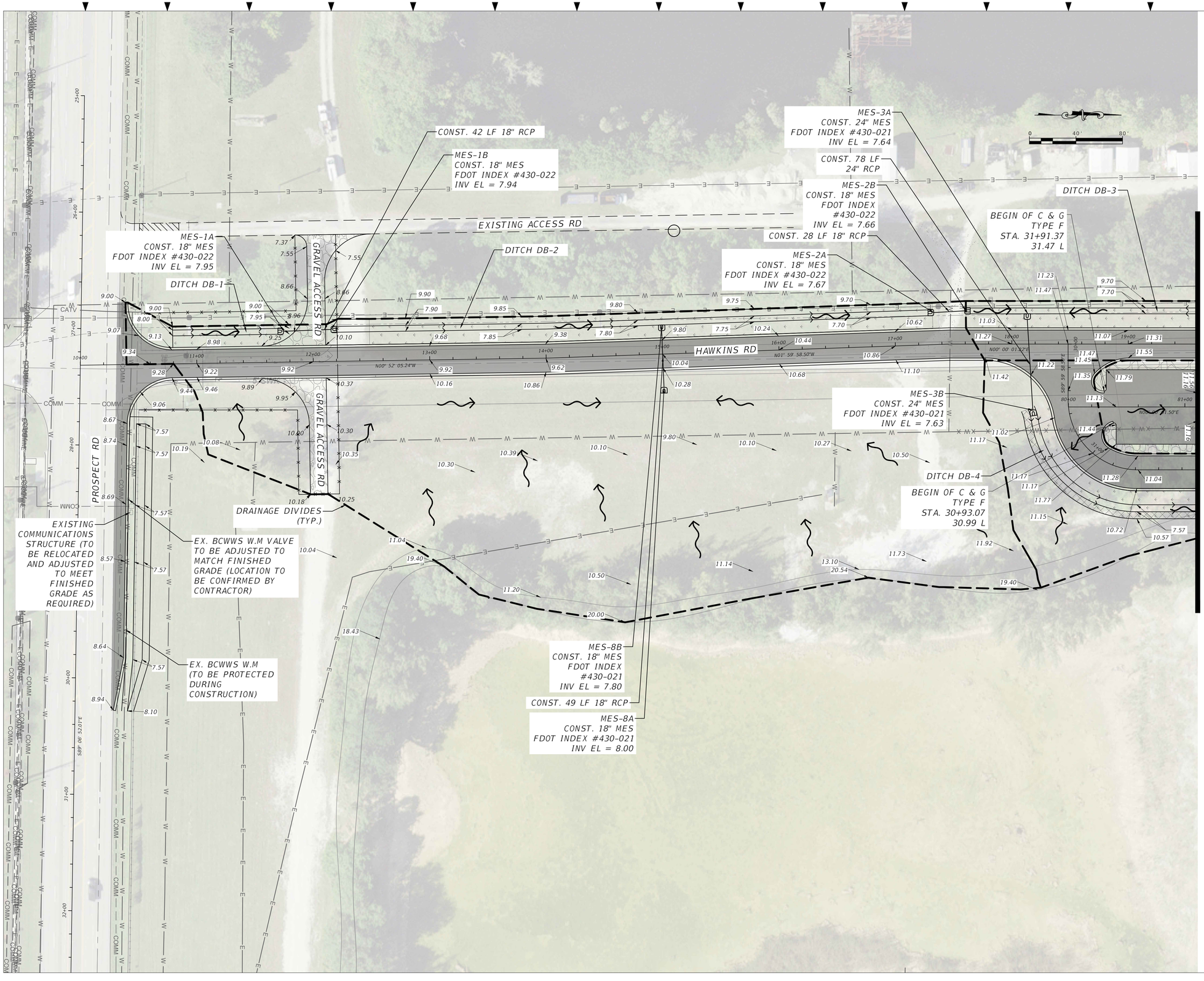
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PAVING GRADING AND DRAINAGE

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-006



LEGEND

- EXISTING WATER MAIN
- EXISTING STORM WATER PIPE
- EXISTING FORCE MAIN
- EXISTING UTILITIES
- EXISTING UTILITY EASEMENT
- EXISTING SLUDGE LINE
- EXISTING TOP OF BERM
- EXISTING TOE OF BERM
- EXISTING DRAIN DIVIDER
- GRAVEL
- DIRT ROAD
- ASPHALT PAVEMENT
- SOD
- SLOPE STABILIZATION
- DIRECTION OF FLOW

NOTES

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 24" SUMP.
3. THE CROSS SLOPE ON ALL ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 2%. THE LONGITUDINAL SLOPE ON ADA ACCESSIBLE ROUTES SHALL NOT EXCEED 5%.
4. ALL PROPOSED CURB AND GUTTER SHALL COMPLY WITH FDOT INDEX 520-001.
5. MINIMUM COVER FOR RCP STORM PIPING SHALL BE 24" FROM TOP OF BASE FOR ASPHALT AND 24" UNDER GRASS AND COMPACTED SUBGRADE.
6. ALL PROPOSED BUILDINGS AND EQUIPMENT PADS SHALL HAVE A FINISHED FLOOR ELEVATION OF 12.0 (NAVD). THIS SATISFIES THE CRITERIA OF FEMA +2 THAT IS REQUIRED FOR THE PROPOSED LAND USE.
7. ALL ELEVATIONS SHOWN ON THIS SHEET REFER TO THE NAVD 88.
8. REFER TO THE YARD PIPING PLAN FOR ALL PROPOSED YARD PIPING, POTABLE WATER, AND SANITARY SEWER INFRASTRUCTURE. THESE PROPOSED ITEMS ARE DESIGNED BY OTHERS AND ARE SHOWN FOR REFERENCE ONLY.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

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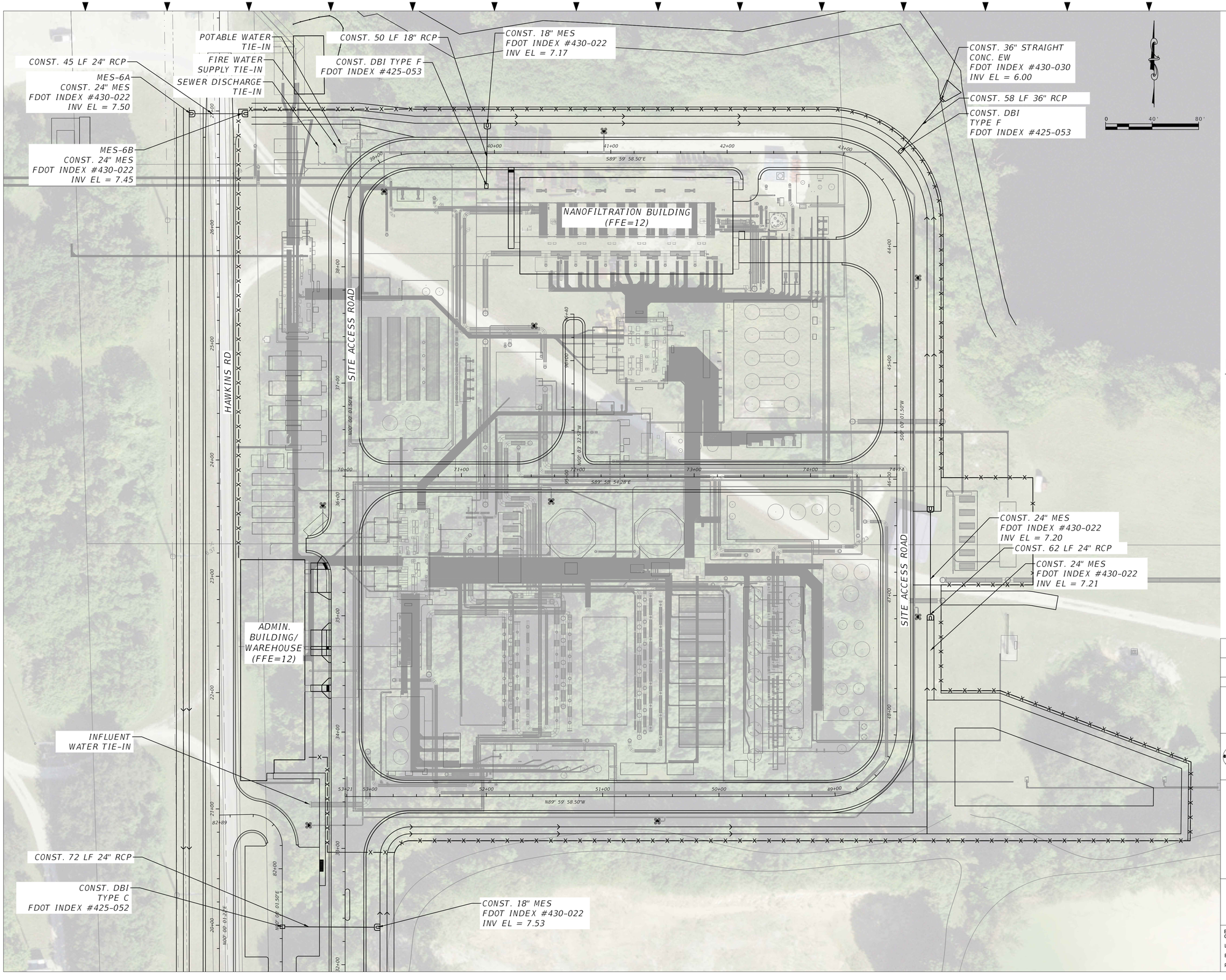
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PAVING GRADING AND DRAINAGE

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-007



NOTES

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 24" SUMP.
3. MINIMUM COVER FOR STORM PIPING SHALL BE 12" FROM TOP OF BASE FOR ASPHALT AND 12" UNDER GRASS AND COMPACTED SUBGRADE.
4. ALL PROPOSED BUILDINGS AND EQUIPMENT PADS SHALL HAVE A FINISHED FLOOR ELEVATION OF 12.0 (NAVD). THIS SATISFIES THE CRITERIA OF FEMA +2 THAT IS REQUIRED FOR THE PROPOSED LAND USE.
5. REFER TO THE PAVING GRADING AND DRAINAGE SHEETS FOR ALL SITE GRADING.
6. ALL YARD PIPING EXCEPT THE STORM DRAINAGE PIPING IS DESIGNED BY OTHERS AND IS SHOWN ON THESE PLANS FOR REFERENCE ONLY.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

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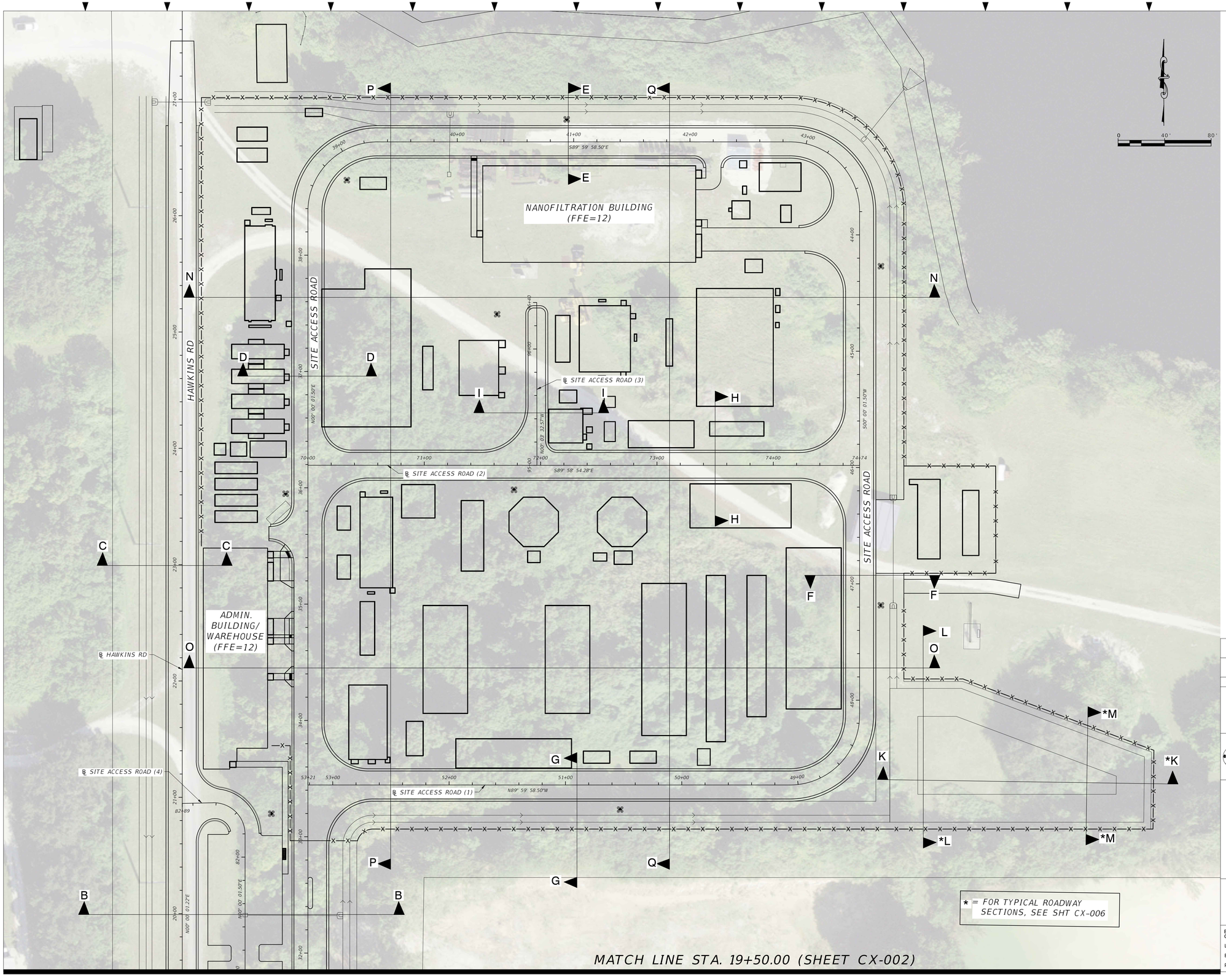
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YARD PIPING PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CM-008



REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

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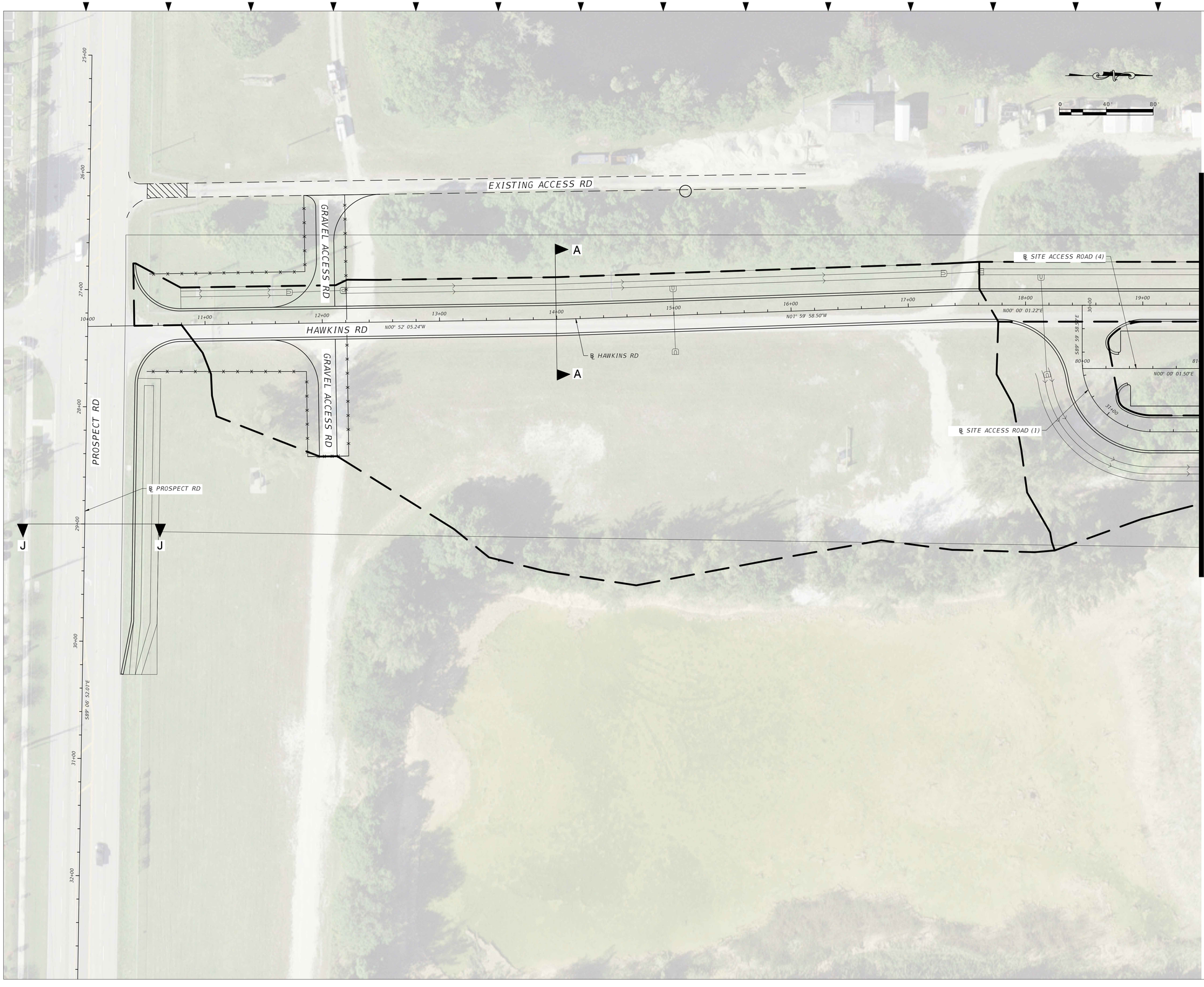
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SITE SECTION PLAN

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CX-001



REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

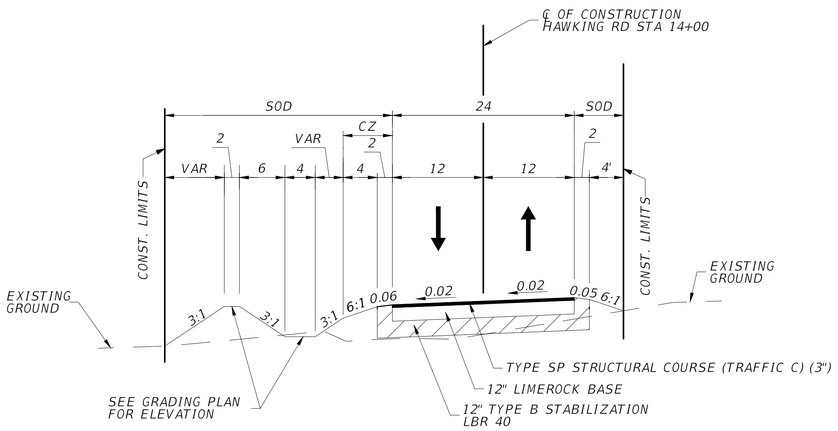
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SITE SECTION PLAN

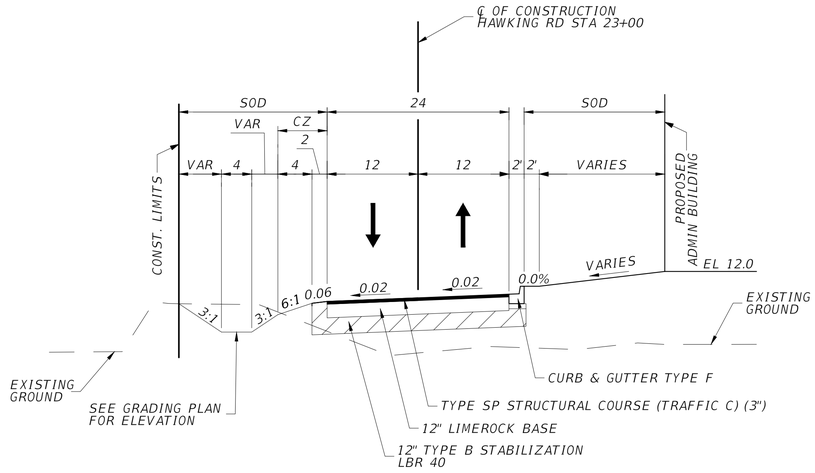
ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

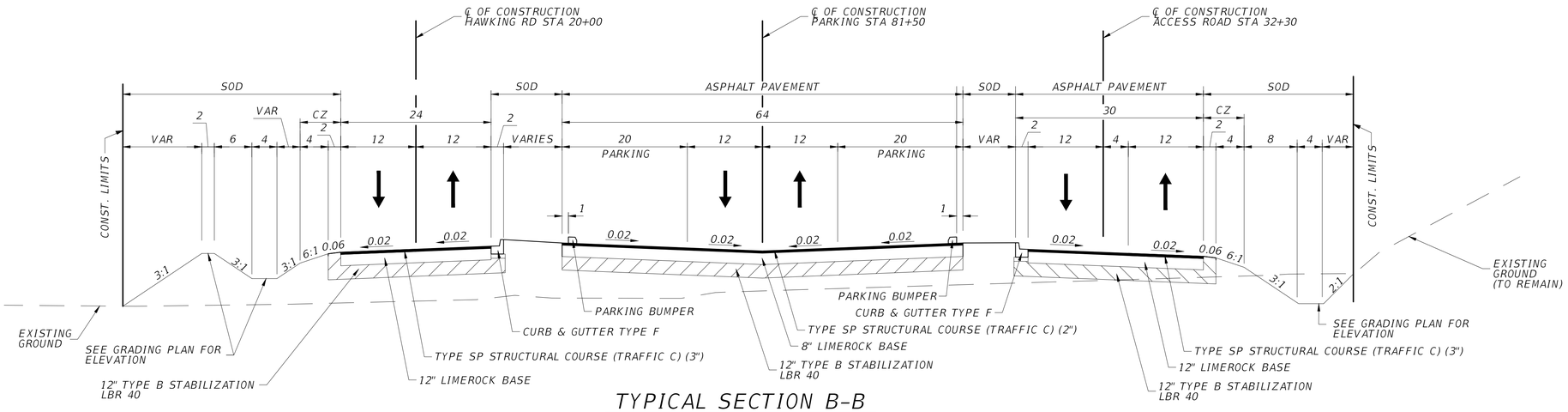
20036124-CX-002



TYPICAL SECTION A-A



TYPICAL SECTION C-C



TYPICAL SECTION B-B

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

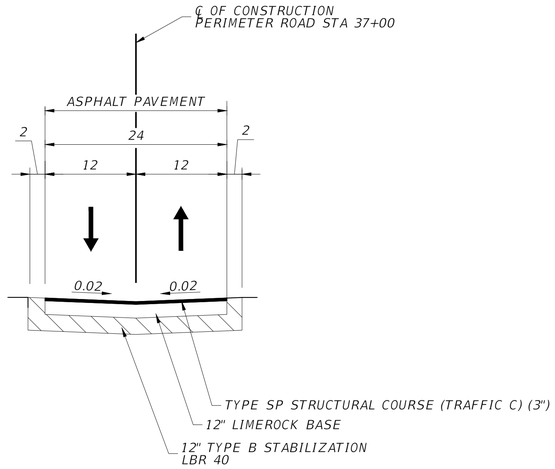
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TYPICAL ROADWAY SECTIONS

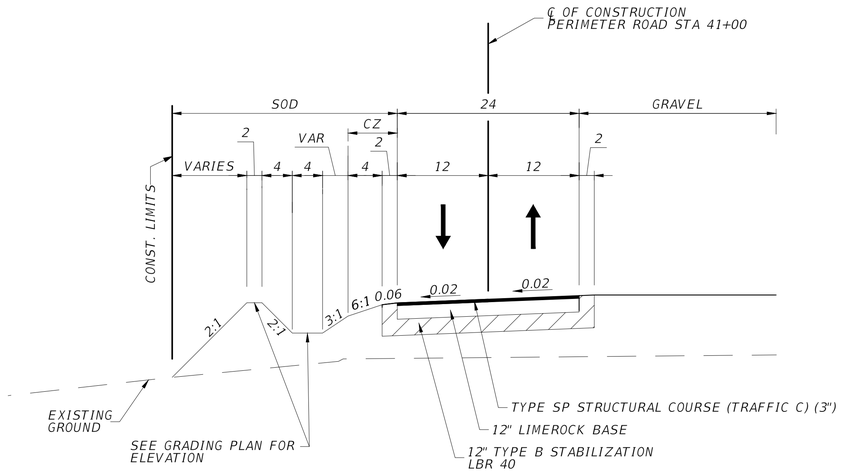
ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

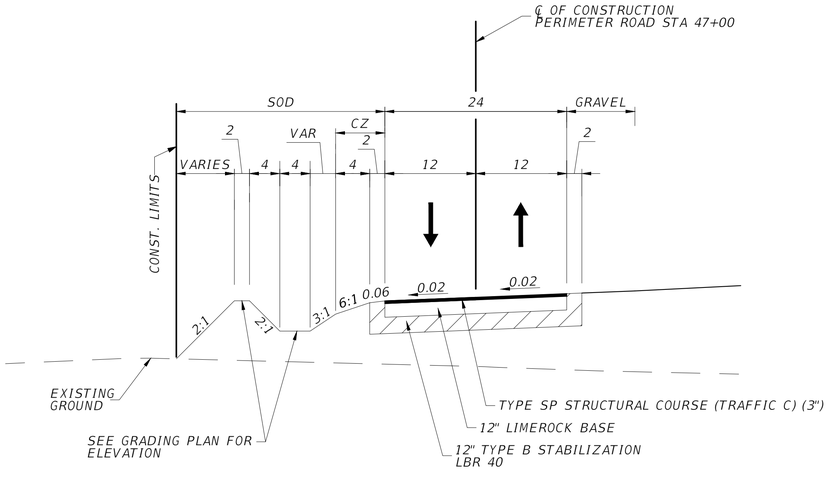
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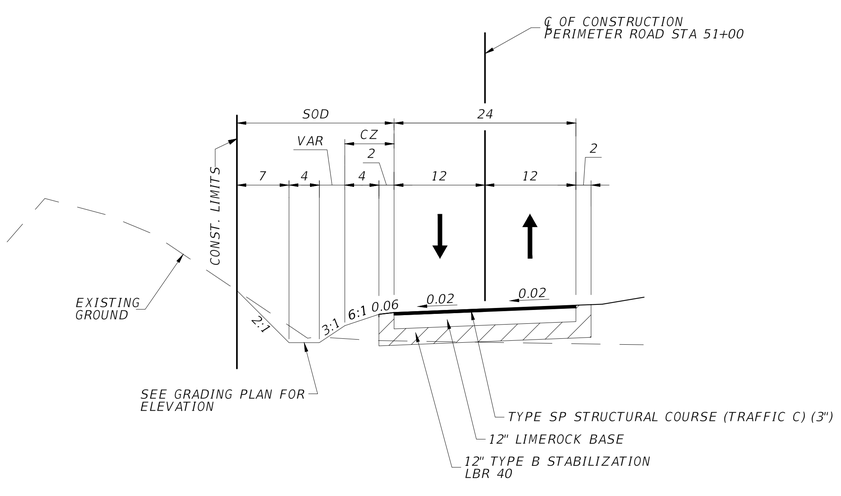
TYPICAL SECTION D-D



TYPICAL SECTION E-E



TYPICAL SECTION F-F



TYPICAL SECTION G-G

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

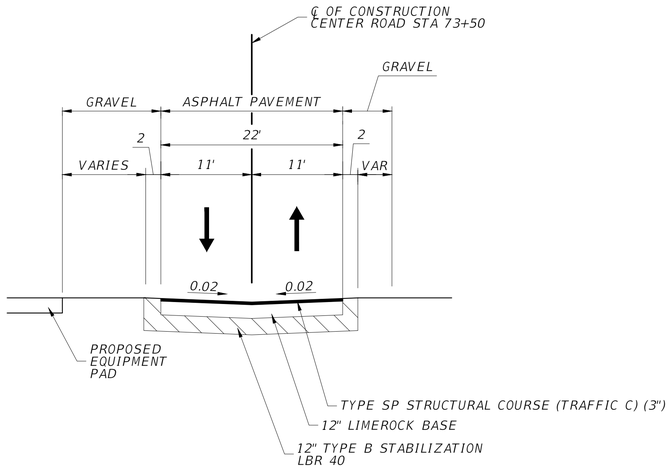
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TYPICAL ROADWAY SECTIONS

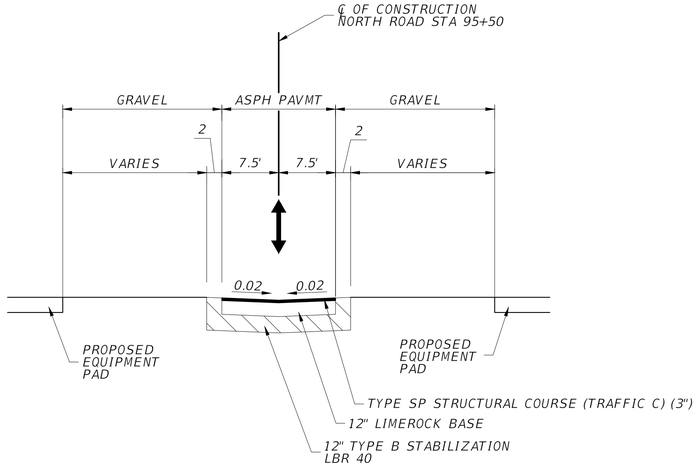
ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

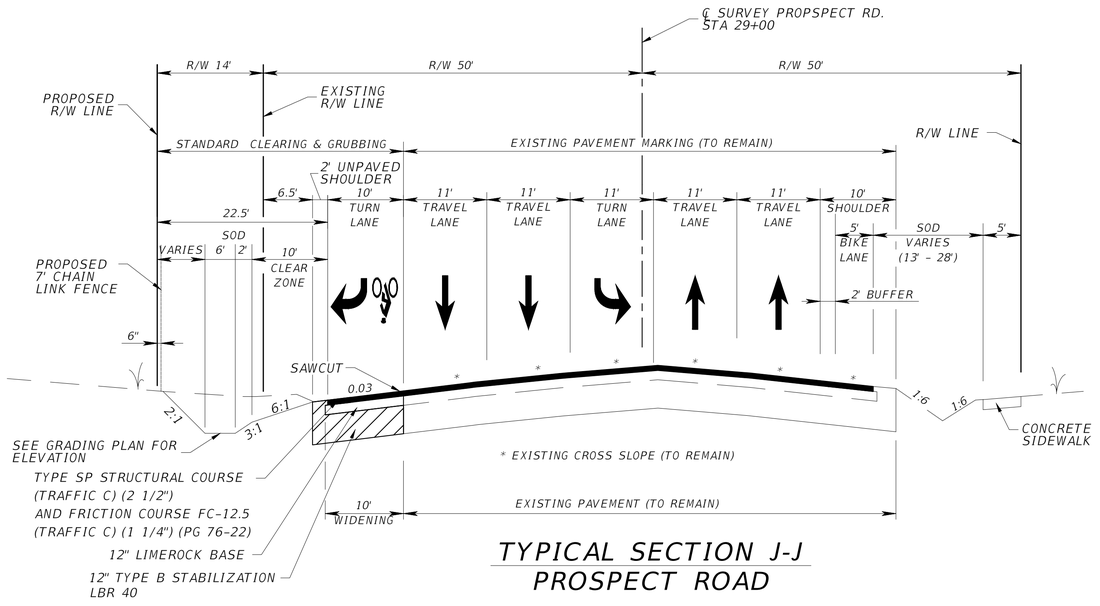
20036124-CX-004



TYPICAL SECTION H-H



TYPICAL SECTION I-I



TYPICAL SECTION J-J
PROSPECT ROAD

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

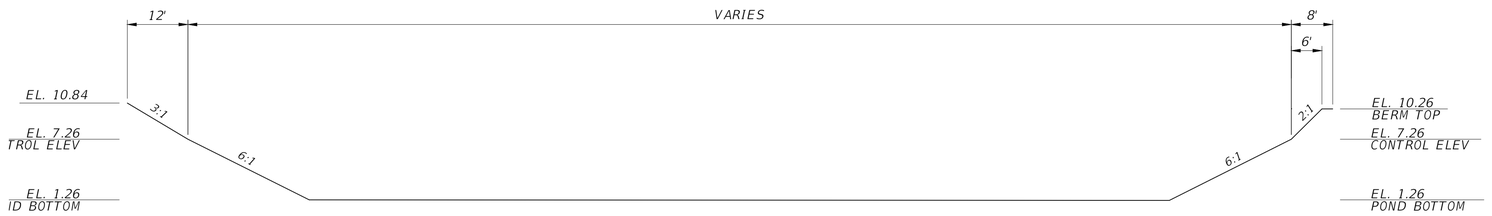
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TYPICAL ROADWAY SECTIONS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

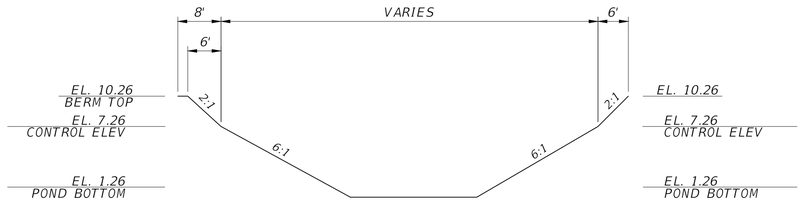
20036124-CX-005



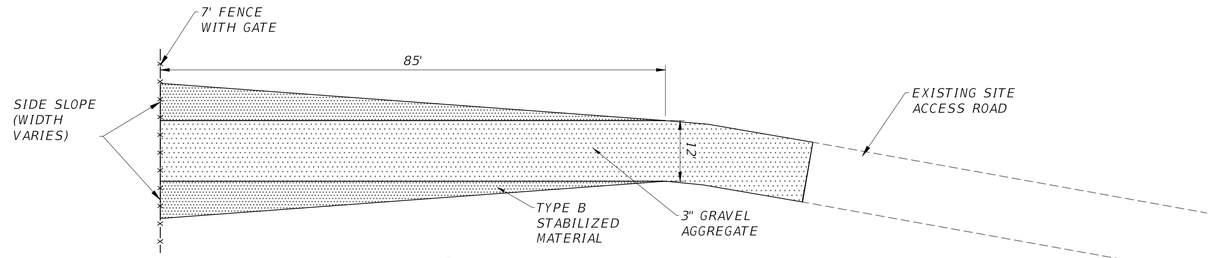
POND SECTION K-K



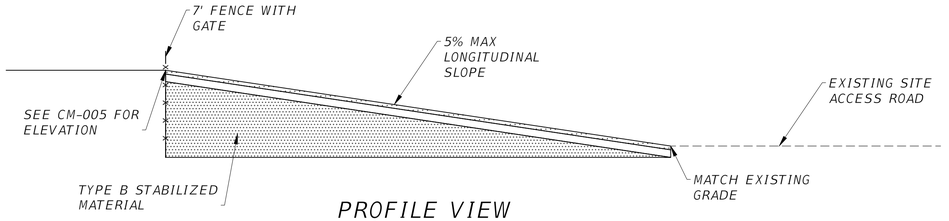
POND SECTION L-L



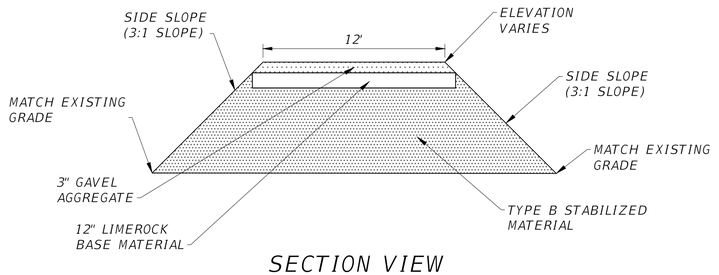
POND SECTION M-M



PLAN VIEW



PROFILE VIEW



SECTION VIEW

SECONDARY ACCESS PATHWAY DETAILS (N.T.S)

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

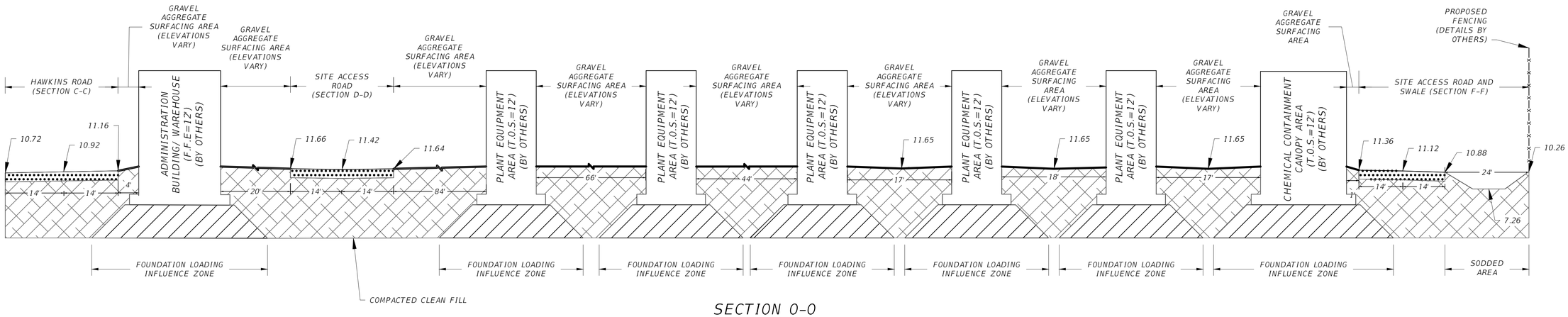
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SITE SECTIONS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

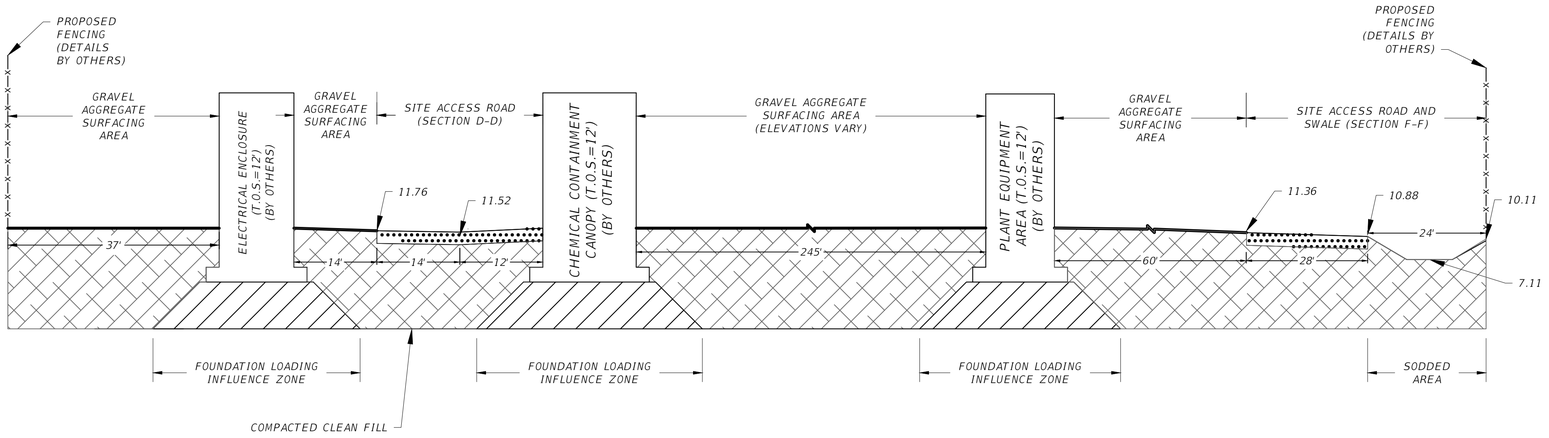
DRAWING NUMBER

20036124-CX-006



SECTION O-O
NTS

NOTES:
1. FOUNDATION LOADING INFLUENCE ZONES ARE TO BE CONSTRUCTED PER THE SITE FILL AND BACKFILL DETAILS (SHEET CD.001.1)
2. STRUCTURAL FILL TO BE COMPACTED TO 95% MAX DENSITY (ASTM D-1557)
3. SEE REFERENCED SECTIONS FOR FURTHER DETAIL REGARDING SWALE AND EMBANKMENT SLOPES, ROADWAY DESIGN, AND ANY PAVEMENT MARKINGS.
4. COMPACTED CLEAN FILL SHALL MEET ALL REQUIREMENTS SET FORTH IN THE PROJECT SPECIFICATIONS.



SECTION N-N
NTS

NOTES:
1. FOUNDATION LOADING INFLUENCE ZONES ARE TO BE CONSTRUCTED PER THE SITE FILL AND BACKFILL DETAILS (SHEET CD.001.1)
2. STRUCTURAL FILL TO BE COMPACTED TO 95% MAX DENSITY (ASTM D-1557)
3. SEE REFERENCED SECTIONS FOR FURTHER DETAIL REGARDING SWALE AND EMBANKMENT SLOPES, ROADWAY DESIGN, AND ANY PAVEMENT MARKINGS.
4. COMPACTED CLEAN FILL SHALL MEET ALL REQUIREMENTS SET FORTH IN THE PROJECT SPECIFICATIONS.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

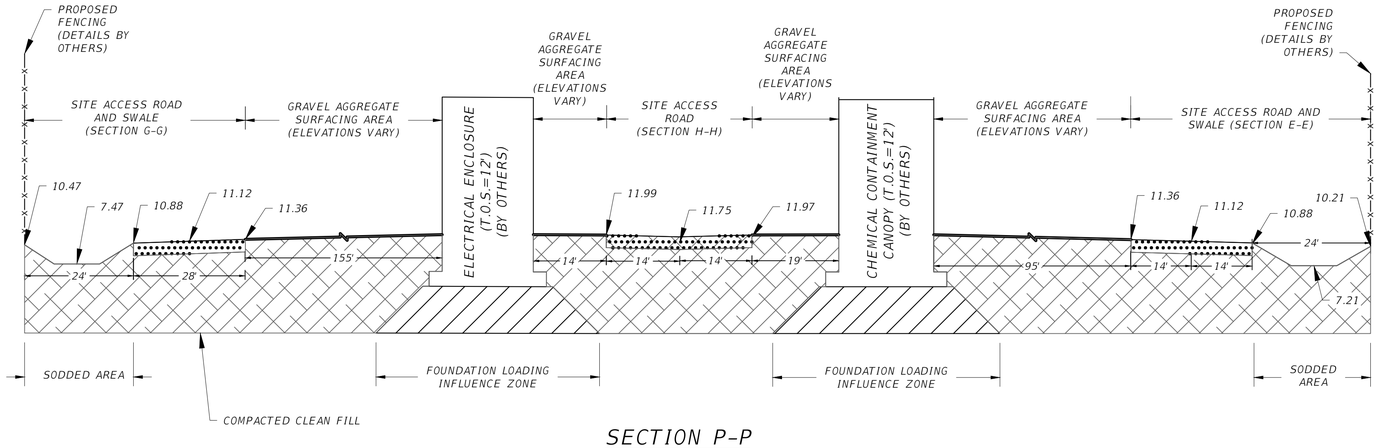
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SITE SECTIONS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

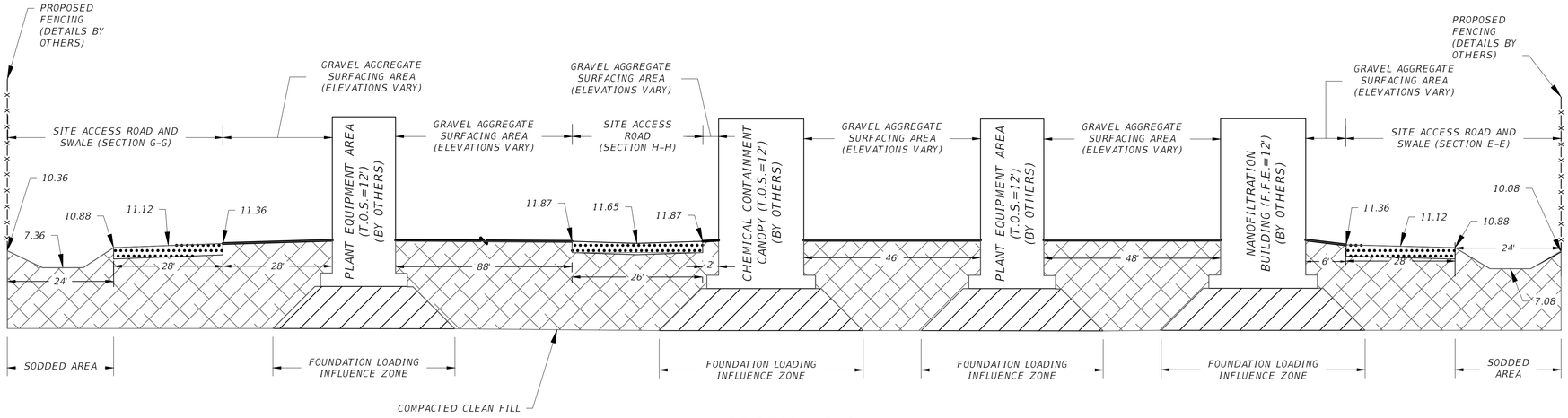
DRAWING NUMBER

20036124-CX-007



SECTION P-P
NTS

NOTES:
1. FOUNDATION LOADING INFLUENCE ZONES ARE TO BE CONSTRUCTED PER THE SITE FILL AND BACKFILL DETAILS (SHEET CD.001.1)
2. STRUCTURAL FILL TO BE COMPACTED TO 95% MAX DENSITY (ASTM D-1557)
3. SEE REFERENCED SECTIONS FOR FURTHER DETAIL REGARDING SWALE AND EMBANKMENT SLOPES, ROADWAY DESIGN, AND ANY PAVEMENT MARKINGS.
4. COMPACTED CLEAN FILL SHALL MEET ALL REQUIREMENTS SET FORTH IN THE PROJECT SPECIFICATIONS.



SECTION Q-Q
NTS

NOTES:
1. FOUNDATION LOADING INFLUENCE ZONES ARE TO BE CONSTRUCTED PER THE SITE FILL AND BACKFILL DETAILS (SHEET CD.001.1)
2. STRUCTURAL FILL TO BE COMPACTED TO 95% MAX DENSITY (ASTM D-1557)
3. SEE REFERENCED SECTIONS FOR FURTHER DETAIL REGARDING SWALE AND EMBANKMENT SLOPES, ROADWAY DESIGN, AND ANY PAVEMENT MARKINGS.
4. COMPACTED CLEAN FILL SHALL MEET ALL REQUIREMENTS SET FORTH IN THE PROJECT SPECIFICATIONS.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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CITY OF FORT LAUDERDALE

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SITE SECTIONS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

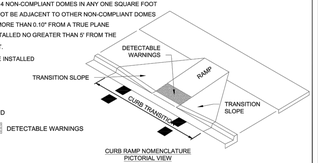
20036124-CX-008

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ROAD001-DETECTABLE WARNING Thursday, August 24, 2017

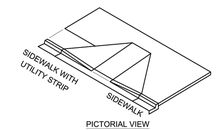
GENERAL NOTES

1. SIDEWALK CURB RAMPS SHALL BE CONSTRUCTED AT LOCATIONS THAT WILL PROVIDE CONTINUOUS UNOBSTRUCTED PEDESTRIAN CIRCULATION PATH TO PEDESTRIAN AREAS, ELEMENTS AND FACILITIES WITHIN THE RIGHT OF WAY AND TO ACCESSIBLE PEDESTRIAN ROUTES ON ADJACENT SITES. CURBED FACILITIES WITH SIDEWALKS AND THOSE WITHOUT SIDEWALKS ARE TO HAVE CURB RAMPS CONSTRUCTED FOR ALL INTERSECTIONS AND TURNOUTS WITH CURBED RETURNS. TO ACCOMMODATE CURB RAMPS, PARTIAL CURB RETURNS ARE TO EXTEND TO THE LIMITS PRESCRIBED IN INDEX NO. 515. RAMPS CONSTRUCTED AT LOCATIONS WITHOUT SIDEWALKS ARE TO HAVE A LANDING CONSTRUCTED AT THE TOP OF EACH RAMP, SEE LANDINGS FOR CURB RAMPS WITHOUT SIDEWALKS.
2. WHEN ALTERING EXISTING PEDESTRIAN FACILITIES, WHERE EXISTING RESTRICTED CONDITIONS PRECLUDE THE ACCOMMODATION OF A RAMP SLOPE OF 1:12, A RAMP SLOPE BETWEEN 1:12 AND 1:10 IS PERMITTED FOR A RISE OF 6" MAXIMUM. WHERE COMPLIANCE WITH THE REQUIREMENTS FOR CROSS SLOPE CANNOT BE FULLY MET, THE MINIMUM FEASIBLE CROSS SLOPE SHALL BE PROVIDED. RAMP SLOPES ARE NOT REQUIRED TO EXCEED 15' IN LENGTH.
3. IF SIDEWALK CURB RAMPS ARE LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, THEN PROVIDE TRANSITION SLOPES TO THE RAMP; OTHERWISE A SIDEWALK CURB MAY BE REQUIRED.
4. ALL SIDEWALKS, RAMPS, AND LANDINGS WITH A CROSS SLOPE OF 0.02 SHOWN IN THIS INDEX ARE 0.02 MAXIMUM. ALL RAMP SLOPES SHOWN IN THIS INDEX AS 1:12 ARE 1:12 MAXIMUM. LANDINGS SHALL HAVE SLOPES LESS THAN OR EQUAL TO 0.02 IN ANY DIRECTION.
5. GRADE BREAKS AT THE TOP AND BOTTOM OF RAMPS SHALL BE PARALLEL TO EACH OTHER AND PERPENDICULAR TO THE DIRECTION OF THE RAMP SLOPE.
6. WHERE A SIDEWALK CURB RAMP IS CONSTRUCTED WITHIN EXISTING CURB, CURB AND GUTTER AND/OR SIDEWALK, THE EXISTING CURB OR CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE CURB TRANSITION OR TO THE EXTENT THAT NO REMAINING SECTION OF CURB OR CURB AND GUTTER IS LESS THAN 5' LONG. EXISTING SIDEWALKS SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE TRANSITION SLOPE OR TO THE EXTENT THAT NO REMAINING SECTION OF SIDEWALK IS LESS THAN 5' LONG. FOR CONCRETE SIDEWALK DETAILS REFER TO INDEX 310.
7. SIDEWALK CURB RAMP ALPHA-IDENTIFICATIONS ARE FOR REFERENCE PURPOSES (PLANS, PERMITS, ETC.). ALPHA-IDENTIFICATIONS CR-I AND CR-J WERE INTENTIONALLY OMITTED.
8. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE RAMP AND TO A DEPTH OF 2'. DETECTABLE WARNINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATION SECTION 527. FOR THE LAYOUT OF DETECTABLE WARNINGS, REFER TO THE TYPICAL PLACEMENT OF DETECTABLE WARNINGS DETAILS. DETECTABLE WARNINGS SHALL NOT BE PROVIDED ON TRANSITION SLOPES.
9. WHEN DETECTABLE WARNINGS ARE PLACED ON A SLOPE GREATER THAN 5%, DOMES SHALL BE ALIGNED WITH THE CENTERLINE OF THE RAMP; OTHERWISE DOMES ARE NOT REQUIRED TO BE ALIGNED.
10. DETECTABLE WARNINGS SHALL BE REQUIRED ON SIDEWALKS AND SHARED USE PATHS AT:
    - A. INTERSECTING ROADS
    - B. MEDIAN CROSSINGS GREATER THAN OR EQUAL TO 6' IN WIDTH
    - C. RAILROAD CROSSINGS
    - D. SIGNALIZED DRIVEWAYS
11. DETECTABLE WARNINGS - ACCEPTANCE CRITERIA:
    - A. COLOR AND TEXTURE SHALL BE COMPLETE AND UNIFORM
    - B. 90% OF INDIVIDUAL TRUNCATED DOMES SHALL BE IN
    - C. ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT STANDARDS FOR TRANSPORTATION FACILITIES, SECTION 705
    - D. THERE SHALL BE NO MORE THAN 4 NON-COMPLIANT DOMES IN ANY ONE SQUARE FOOT
    - E. NON-COMPLIANT DOMES SHALL NOT BE ADJACENT TO OTHER NON-COMPLIANT DOMES
    - F. SURFACES SHALL NOT DEVIATE MORE THAN 0.10" FROM A TRUE PLANE
12. DETECTABLE WARNINGS SHALL BE INSTALLED NO GREATER THAN 5' FROM THE BACK OF CURB OR EDGE OF PAVEMENT.
13. DETECTABLE WARNINGS SHALL NOT BE INSTALLED OVER GRADE BREAKS.

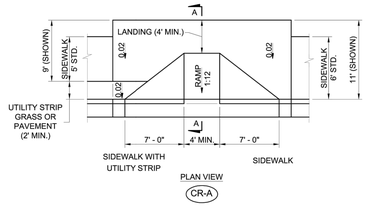


CITY of FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	DETAIL NO. ROAD 013 SHEET 20170311

ROAD014-SIDEWALK RAMPS Thursday, August 24, 2017

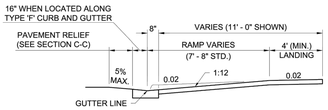


PICTORIAL VIEW



PLAN VIEW

CR-A



SECTION A-A

SECTION THROUGH RAMP AND LANDING (UNRESTRICTED CONDITIONS)

RAMP AND LANDING DEPTHS NOT RESTRICTED

CITY of FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	SIDEWALK CURB RAMPS SHEET 1	DETAIL NO. ROAD 014 SHEET 20170311

ROAD016-SIDEWALK RAMPS Thursday, August 24, 2017

PICTORIAL VIEW

PLAN VIEW

CR-C

NOTE:
FOR ADDITIONAL INFORMATION ON SIDEWALK CURB CONSTRUCTION, SEE SIDEWALK CURB AND SIDEWALK CURB OPTIONS DETAILS.

SECTION B-B

SECTION THROUGH LANDING (UNRESTRICTED CONDITIONS)

RAMP AND LANDING STRIPS NOT RESTRICTED

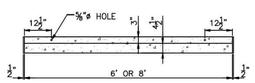
CITY of FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	SIDEWALK CURB RAMPS SHEET 3	DETAIL NO. ROAD 016 SHEET 20170311

ROAD028-SIDEWALK RAMPS Thursday, August 24, 2017

TYPICAL PLACEMENT OF DETECTABLE WARNINGS

CITY of FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	SIDEWALK CURB RAMPS SHEET 15	DETAIL NO. ROAD 028 SHEET 20170311

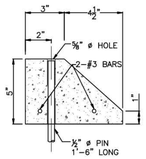
CITY OF FORT LAUDERDALE
OFFICE OF THE CITY ENGINEER



PLAN



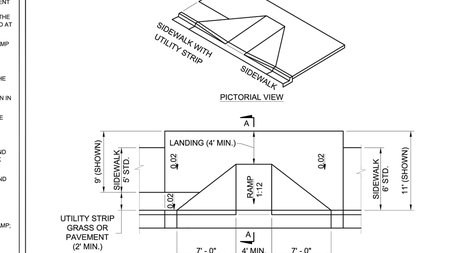
ELEVATION



SECTION A-A

DATE: JAN. '82	SCALE: N.T.S.	STANDARD WHEEL STOP	C 3.2
REVISED: MARCH '09	DRAWN BY:		

ROAD001-TRENCH Thursday, August 24, 2017



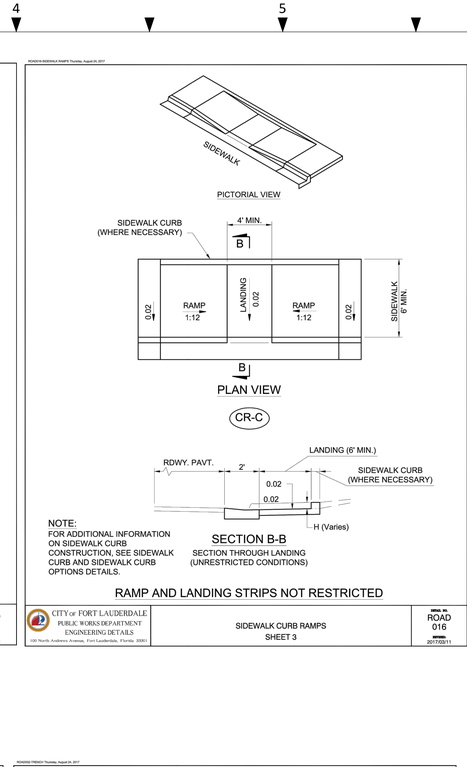
NOTES:
1. METALLIC WARNING TAPES SHALL BE INSTALLED 24" BELOW FINISH GRADE ABOVE MAIN. (SEE SPECIFICATION 2320 SECTION 3.6 FOR MARKING TYPE)
2. UNLESS OTHERWISE SPECIFIED SELECTED MATERIAL SHALL BE FREE OF STONES LARGER THAN 3/8" DIA.
3. REPLACE ALL LANE MARKINGS AND REFLECTIVE MARKERS.

T=6" PARKING
T=8" RESIDENTIAL STREETS
T=10" MAJOR STREETS (4 LANE)
T=12" MAJOR STREETS (6 LANE)

2T=18" MAX. 12" MIN.

CITY of FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	TYPICAL TRENCH AND PAVEMENT RESTORATION FOR TRANSVERSE PIPE CROSSING SHEET 1	DETAIL NO. ROAD 001 SHEET 20170311

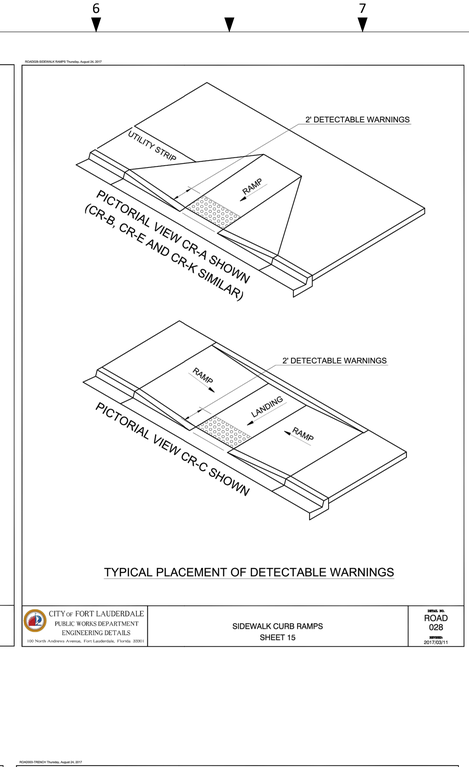
ROAD002-TRENCH Thursday, August 24, 2017



NOTES:
1. 2" WIDE METALLIC WARNING TAPES SHALL BE INSTALLED 24" BELOW FINISH GRADE. DOES NOT APPLY TO STORM DRAINAGE PIPE CROSSINGS.
2. UNLESS OTHERWISE SPECIFIED SELECTED MATERIAL SHALL BE FREE OF STONES LARGER THAN 3/8" DIA.
3. REPLACE ALL LANE MARKINGS AND REFLECTIVE MARKERS.
4. 12" MIN. LIMEROCK BASE PLACED IN 6" LAYERS AND COMPACTED TO 98% OF MAXIMUM DENSITY PER AASHTO T-180
5. 12" MIN. LIMEROCK BASE PLACED IN 6" LAYERS AND COMPACTED TO 98% OF MAXIMUM DENSITY PER AASHTO T-180 OR ASPHALT PAVING TO MATCH EXISTING OR 4" ASPHALT, MINIMUM 1" ASPHALT OVER MINIMUM 6" COMPACTED LIMEROCK.

CITY of FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	TYPICAL ROAD SECTION, TYPICAL TRENCH AND TRENCH RESTORATION FOR PARALLEL PIPE TRENCH SHEET 2	DETAIL NO. ROAD 002 SHEET 20170311

ROAD003-TRENCH Thursday, August 24, 2017



NOTES:
1. 2" WIDE METALLIC WARNING TAPES SHALL BE INSTALLED 24" BELOW FINISH GRADE. DOES NOT APPLY TO STORM DRAINAGE PIPE CROSSINGS.
2. UNLESS OTHERWISE SPECIFIED SELECTED MATERIAL SHALL BE FREE OF STONES LARGER THAN 3/8" DIA.
3. REPLACE ALL LANE MARKINGS AND REFLECTIVE MARKERS.
4. 12" MIN. LIMEROCK BASE PLACED IN 6" LAYERS AND COMPACTED TO 98% OF MAXIMUM DENSITY PER AASHTO T-180
5. 12" MIN. LIMEROCK BASE PLACED IN 6" LAYERS AND COMPACTED TO 98% OF MAXIMUM DENSITY PER AASHTO T-180 OR ASPHALT PAVING TO MATCH EXISTING OR 4" ASPHALT, MINIMUM 1" ASPHALT OVER MINIMUM 6" COMPACTED LIMEROCK.

CITY of FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	TYPICAL ROAD SECTION, TYPICAL TRENCH, PAVEMENT AND SWALE RESTORATION FOR PARALLEL PIPE TRENCH SHEET 3	DETAIL NO. ROAD 003 SHEET 20170607

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit | THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

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SITE DETAILS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CD-001

WATER MAIN SEPARATION IN ACCORDANCE WITH F.A.C. RULE 62-555.314

OTHER PIPE	HORIZONTAL SEPARATION	CROSSINGS (NOTE 1)	JOINT SPACING AT CROSSINGS (FULL JOINT CENTERED)
STORM SEWER, STORM WATER FORCE MAIN, RECLAIMED WATER (NOTE 2)	WATER MAIN 3 FT. MINIMUM OTHER PIPE	WATER MAIN 12 INCHES IS THE MINIMUM, EXCEPT FOR STORM SEWER, THEN 6 INCHES IS THE MINIMUM AND12 INCHES IS PREFERRED OTHER PIPE	NOTE 4 WATER MAIN JOINT (TYP.)
VACUUM SANITARY SEWER	WATER MAIN 10 FT PREFERRED 3 FT. MINIMUM OTHER PIPE	WATER MAIN 12 INCHES IS PREFERRED 6 INCHES MINIMUM OTHER PIPE	NOTE 4 WATER MAIN
GRAVITY SANITARY SEWER, (NOTE 3) SANITARY SEWER FORCE MAIN, RECLAIMED WATER	WATER MAIN 10 FT PREFERRED 6 FT. MINIMUM OTHER PIPE	WATER MAIN 12 INCHES IS THE MINIMUM, EXCEPT FOR GRAVITY SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES IS PREFERRED OTHER PIPE	NOTE 4 WATER MAIN OTHER PIPE (TYP.)
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 FT. MINIMUM	—	—

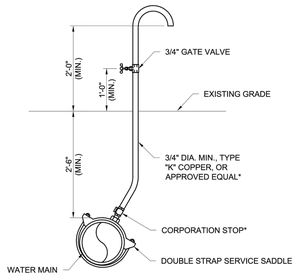
NOTES:

1. WATER MAIN SHOULD CROSS ABOVE OTHER PIPE. WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
2. RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
3. 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
4. ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPE SO THAT THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATE JOINT LOCATIONS ALLOWED UNDER FAC 62-555.314 WILL ONLY BE ALLOWED BY THE ENGINEER ON A CASE-BY-CASE BASIS.

CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

WATER MAIN SEPARATION

SPECIAL NO. WATR 001
REVISED: 2018/09/01



* NOTE: AFTER TESTS REMOVE 3/4" TUBING AND INSTALL PLUG ON CORPORATION STOP.

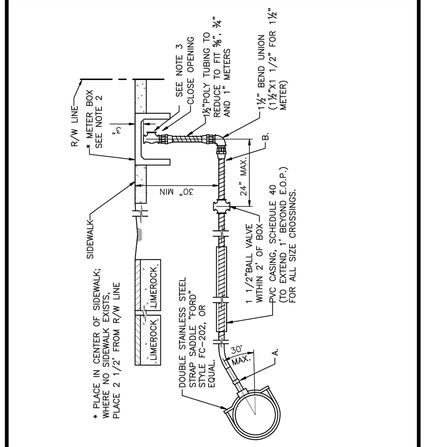
CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS
100 North Andrews Avenue, Fort Lauderdale, Florida 33301

BACT SAMPLE POINT - TEMPORARY

SPECIAL NO. WATR 002
REVISED: 2018/09/01

P:\dwg\INTERNAL\DETAILS\CLEAN DETAILS\DETAILS FOR BLUE BOOK\CFL-BB-W300.DWG, 3/12/2009 11:14:32 AM, RomonC

CITY OF FORT LAUDERDALE
OFFICE OF THE CITY ENGINEER



DATE: FEB.'09	SCALE: N.T.S.	TYPICAL WATER SERVICE INSTALLATION	W 300 1 OF 2
REVISED: MARCH '09	DRAWN BY: R.C.		

P:\dwg\INTERNAL\DETAILS\CLEAN DETAILS\DETAILS FOR BLUE BOOK\CFL-BB-W300.DWG, 3/12/2009 11:14:37 AM, RomonC

CITY OF FORT LAUDERDALE
OFFICE OF THE CITY ENGINEER

A. CORPORATION STOP, BRASS AWWA I.P. THREAD AT INLET AND CONDUCTIVE COMPRESSION CONNECTION, FOR CTS O.D. TUBING "MUELLER" B-25028, INCLUDING THE STAINLESS STEEL LINER, "MUELLER" 506141 (FOR 2-INCH), 506139 (FOR 1 -INCH), 504385 (FOR 1-INCH), OR APPROVED EQUAL.

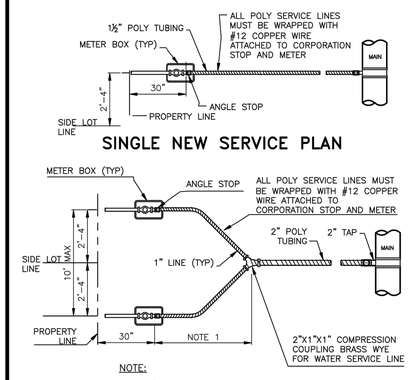
B. POLYETHYLENE WATER SERVICE PIPE (3408 ASTM 2737 SDR9) WITH #12 GAUGE COATED COPPER WIRE SINGLE-STRAND WRAPPED AROUND POLYETHYLENE SERVICE.

NOTE:

1. GROUND KEY ANGLE METER STOP,CONDUCTIVE COMPRESSION FOR CTS O.D. TUBING, X METER FLANGE 180° TURN CHECK-LOCK WING "MUELLER" H-14277, FOR 2-INCH INCLUDING THE STAINLESS STEEL LINER, "MUELLER" 506141 (FOR 2-INCH) OR APPROVED EQUAL, AND MUELLER 110 COMPRESSION CONNECTION.
2. METER BOXES FOR 5/8, 3/4, 1, 1½ AND 2 INCH METERS SHALL BE THE OKIE DOKIE #890-40-260282 MEDIUM BOX AND 890-40-260257 MEDIUM LID OR EQUAL.
3. TIE-IN TO EXISTING ⅝, ¾, OR 1 INCH METER AND CONNECT ANGLE VALVE TO EXISTING METER WHERE APPLICABLE.
4. ALL POLY SERVICE LINES SHOULD BE WRAPPED WITH #12 WIRE STRIPPED AND GROUNDED TO EACH FITTING. A CONDUCTIVITY TEST SHOULD BE PERFORMED.
5. ALL PVC WATER MAINS SHOULD BE WRAPPED WITH #6 WIRE STRIPPED AND GROUNDED TO EACH FITTING. A CONDUCTIVITY TEST SHOULD BE PERFORMED.

DATE: FEB.'09	SCALE: N.T.S.	TYPICAL WATER SERVICE INSTALLATION	W 300 2 OF 2
REVISED: MARCH '09	DRAWN BY: R.C.		

CITY OF FORT LAUDERDALE
OFFICE OF THE CITY ENGINEER



SINGLE NEW SERVICE PLAN

NOTE:

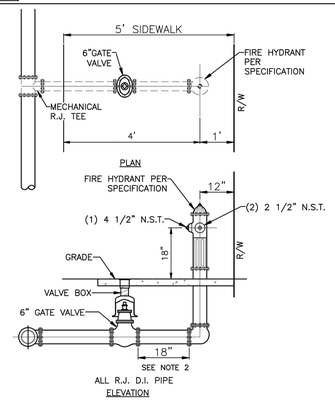
1. KEEP 1½" WYE AS CLOSE AS POSSIBLE TO METER BOX.

DOUBLE NEW SERVICE PLAN

DATE: FEB'06	SCALE: N.T.S.	TYPICAL WATER SERVICE	W 301
REVISED: MARCH '09	DRAWN BY: R.C.		

P:\dwg\INTERNAL\DETAILS\CLEAN DETAILS\DETAILS FOR BLUE BOOK\CFL-BB-W302.DWG, 3/12/2009 11:14:47 AM, RomonC

CITY OF FORT LAUDERDALE
OFFICE OF THE CITY ENGINEER



NOTES:

1. ACTUAL LOCATION OF FIRE HYDRANT TO BE DECIDED IN THE FIELD WITH ENGINEER'S APPROVAL.
2. KEEP VALVE AS CLOSE AS POSSIBLE TO THE HYDRANT.

DATE: FEB'06	SCALE: N.T.S.	TYPICAL NEW FIRE HYDRANT ASSEMBLY INSTALLATION	W 302
REVISED: MARCH '09	DRAWN BY: R.C.		

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit | THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

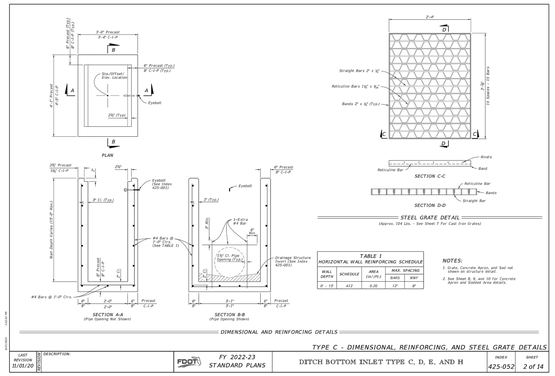
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WATER AND SEWER DETAILS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

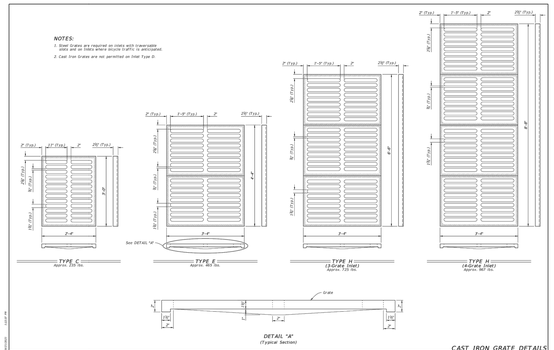
20036124-CD-002



DIMENSIONAL AND REINFORCING DETAILS

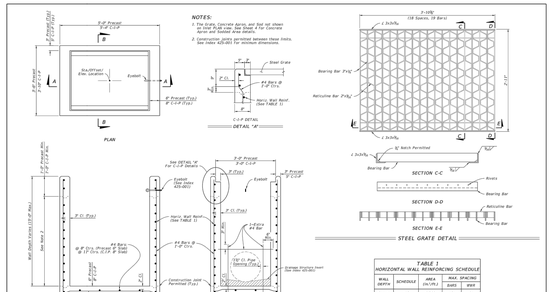
TYPE C - DIMENSIONAL, REINFORCING, AND STEEL GRATE DETAILS

LAST REVISION 11/01/20	DESCRIPTION:	FY 2022-23 STANDARD PLANS	DITCH BOTTOM INLET TYPE C, D, E, AND H	INDEX 425-052	SHEET 2 of 14



CAST IRON GRATE DETAILS

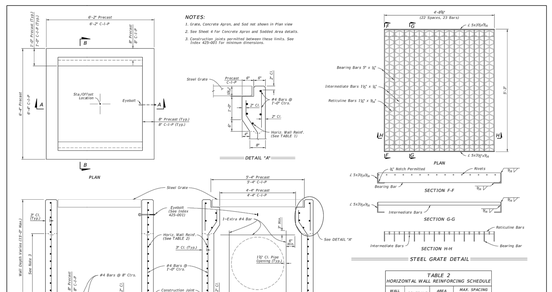
LAST REVISION 11/01/20	DESCRIPTION:	FY 2022-23 STANDARD PLANS	DITCH BOTTOM INLET TYPE C, D, E, AND H	INDEX 425-052	SHEET 7 of 14



DIMENSIONAL AND REINFORCING DETAILS

TYPE F - DIMENSIONAL, REINFORCING, AND GRATE DETAILS

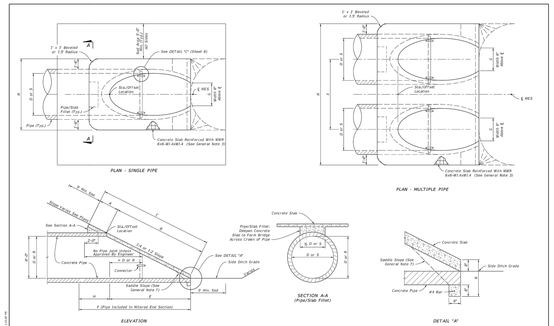
LAST REVISION 11/01/20	DESCRIPTION:	FY 2022-23 STANDARD PLANS	DITCH BOTTOM INLET TYPE F AND G	INDEX 425-053	SHEET 2 of 4



DIMENSIONAL AND REINFORCING DETAILS

TYPE G - DIMENSIONAL, REINFORCING, AND GRATE DETAILS

LAST REVISION 11/01/20	DESCRIPTION:	FY 2022-23 STANDARD PLANS	DITCH BOTTOM INLET TYPE F AND G	INDEX 425-053	SHEET 3 of 4



ROUND CONCRETE PIPE
(Elliptical Pipe Similar)

SINGLE AND MULTIPLE CONCRETE PIPE

NOTE: See Table 1 on Sheet 3 for Dimensions and Quantities.

LAST REVISION 11/01/19	DESCRIPTION:	FY 2022-23 STANDARD PLANS	CROSS DRAIN MITERED END SECTION	INDEX 430-021	SHEET 2 of 6

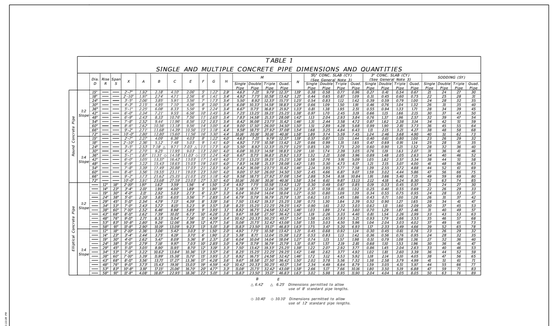
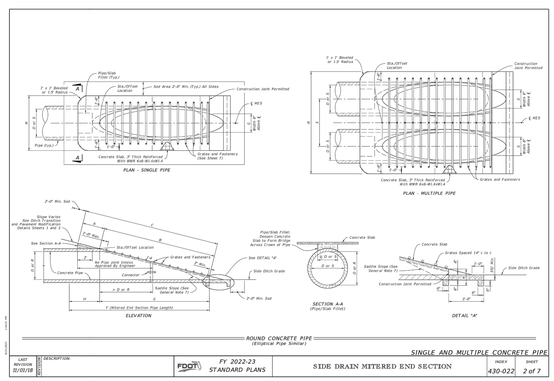


TABLE 1
SINGLE AND MULTIPLE CONCRETE PIPE DIMENSIONS AND QUANTITIES

CONCRETE PIPE DIMENSIONS AND QUANTITIES

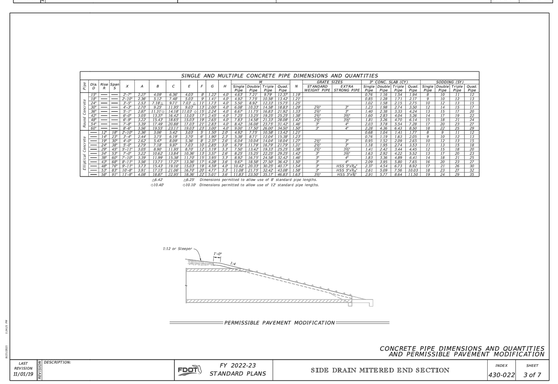
LAST REVISION 11/01/19	DESCRIPTION:	FY 2022-23 STANDARD PLANS	CROSS DRAIN MITERED END SECTION	INDEX 430-021	SHEET 3 of 6



ROUND CONCRETE PIPE
(Elliptical Pipe Similar)

SINGLE AND MULTIPLE CONCRETE PIPE

LAST REVISION 11/01/18	DESCRIPTION:	FY 2022-23 STANDARD PLANS	SIDE DRAIN MITERED END SECTION	INDEX 430-022	SHEET 2 of 7



SINGLE AND MULTIPLE CONCRETE PIPE DIMENSIONS AND QUANTITIES

CONCRETE PIPE DIMENSIONS AND QUANTITIES
AND PERMISSIBLE PAVEMENT MODIFICATION

LAST REVISION 11/01/19	DESCRIPTION:	FY 2022-23 STANDARD PLANS	SIDE DRAIN MITERED END SECTION	INDEX 430-022	SHEET 3 of 7

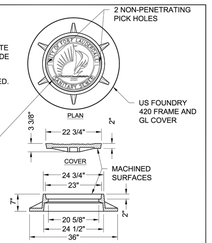
FDOT STANDARD INDEX DETAILS

NOTE: REFER TO FDOT STANDARD PLANS INDEX FOR ADDITIONAL DETAILS

STRM17 - MANHOLE FRAME AND COVER Friday, December 01, 2017

NOTES:

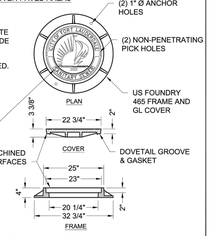
1. MATERIAL: ASTM-A48 GRAY IRON CLASS 35B.
2. ADDITIONAL GRADE RINGS MAY BE USED TO ELEVATE EXISTING MANHOLE FRAMES TO RESURFACED GRADE (MAX 4" HEIGHT).
3. OPTIONAL: HINGED FRAME AND COVER AS SPECIFIED.
4. LOAD RATING: AASHTO H-20



MANHOLE FRAME & COVER-PAVED AREAS

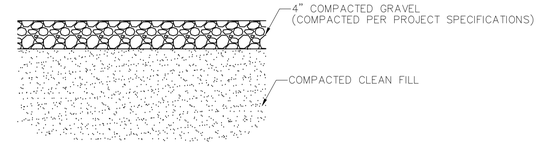
NOTES:

1. MATERIAL: ASTM-A48 GRAY IRON CLASS 35B.
2. ADDITIONAL GRADE RINGS MAY BE USED TO ELEVATE EXISTING MANHOLE FRAMES TO RESURFACED GRADE (MAX 4" HEIGHT).
3. OPTIONAL: HINGED FRAME AND COVER AS SPECIFIED.
4. LOAD RATING: AASHTO H-20



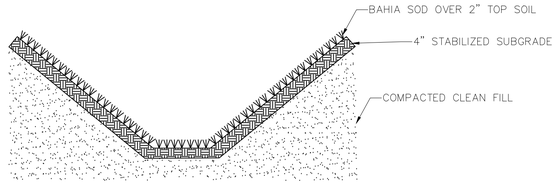
MANHOLE FRAME & COVER-UNPAVED AREAS

CITY OF FORT LAUDERDALE PUBLIC WORKS DEPARTMENT ENGINEERING DETAILS 100 North Andrews Avenue, Fort Lauderdale, Florida 33301	MANHOLE FRAME AND COVER	DRAWING NO. STRM 017 REVISED 2017/12/22



SITE GRAVEL AREA

N.T.S.



NOTE: SEE SECTION VIEWS FOR TYPICAL SWALE DIMENSIONS

TYPICAL SWALE DETAIL

N.T.S.

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit | THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

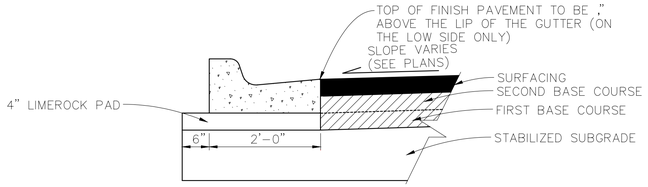
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DRAINAGE DETAILS

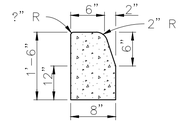
ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

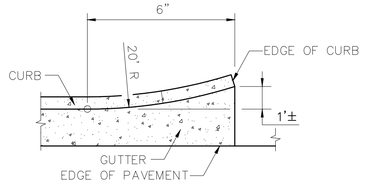
20036124-CD-003



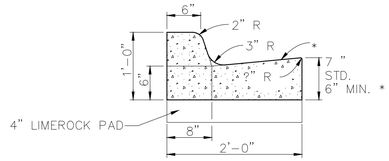
DETAIL OF CURB & GUTTER ADJACENT TO FLEXIBLE PAVEMENT
N.T.S.



CONCRETE CURB TYPE "D"
N.T.S.

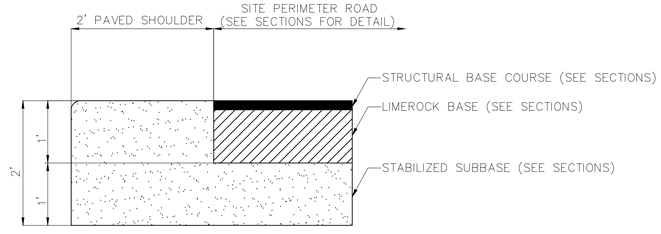


CONCRETE FLARED END
N.T.S.

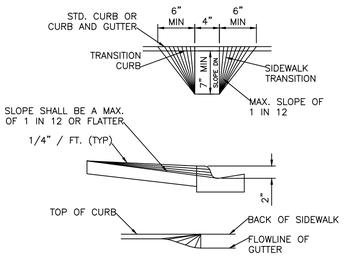


* WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6".

CONCRETE CURB & GUTTER TYPE "F"
N.T.S.
(6" CURB – 1.5' GUTTER)

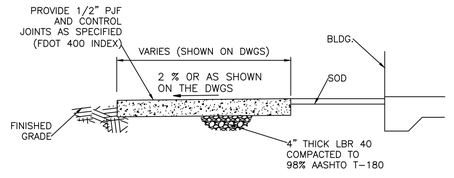


2' PAVED SHOULDER DETAIL
N.T.S.

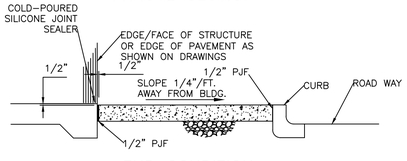


NOTES:
1. RAMP PLACEMENT TO BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. WHERE RIGHT-OF-WAY DOES NOT ALLOW 7' RAMP, PROFILE AT BACK OF SIDEWALK MAY BE ADJUSTED TO MAINTAIN 1 IN 12 SLOPE ON RAMP.
3. RAMP IN ACCORDANCE WITH FAC (FLORIDA ACCESSIBILITY CODE) FDOT INDEX #304.

CURB RAMP 104



TYPICAL SECTION



END CONDITION

TYPICAL SIDEWALK DETAILS 103

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit | THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

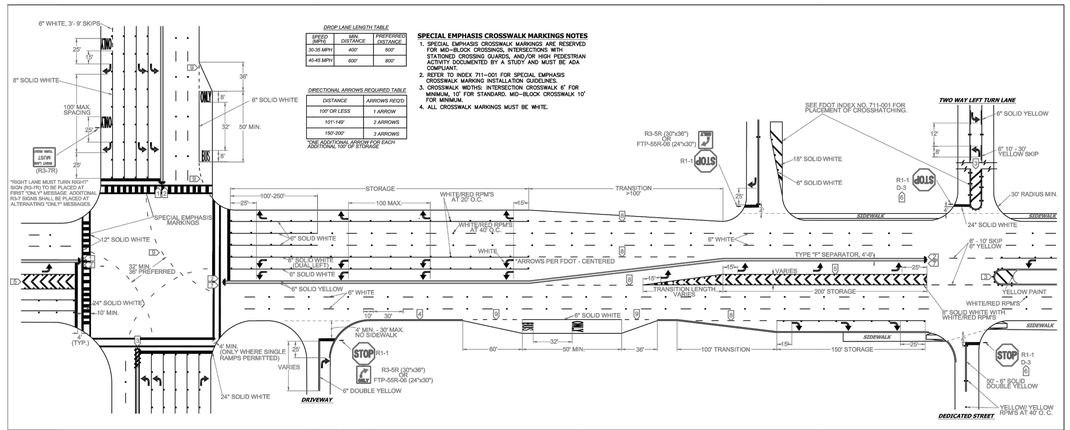
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ROADWAY DETAILS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CD-004



DROP LANE LENGTH TABLE		
SPEED LIMIT	MIN. DISTANCE	PREFERRED DISTANCE
30-35 MPH	400'	600'
40-45 MPH	600'	800'

DIRECTIONAL ARROWS REQUIRED TABLE	
DISTANCE	ARROWS REQ'D
100' OR LESS	1 ARROW
101'-149'	2 ARROWS
150'-200'	3 ARROWS

ONE ADDITIONAL ARROW FOR EACH ADDITIONAL 100' OF STORAGE

SPECIAL EMPHASIS CROSSWALK MARKING NOTES

1. SPECIAL EMPHASIS CROSSWALK MARKINGS ARE RESERVED FOR MID-BLOCK CROSSINGS, INTERSECTIONS WITH STATIONED CROSSING GUARDS, AND/OR HIGH PEDESTRIAN ACTIVITY DOCUMENTED BY A STUDY AND MUST BE ADA COMPLIANT.
2. REFER TO INDEX 711-001 FOR SPECIAL EMPHASIS CROSSWALK MARKING INSTALLATION GUIDELINES.
3. CROSSWALK WIDTHS: INTERSECTION CROSSWALK: 6' FOR NORMAL USE, 10' FOR STANDARD. MID-BLOCK CROSSWALK 10' FOR MINIMUM.
4. ALL CROSSWALK MARKINGS MUST BE WHITE.

NOTES

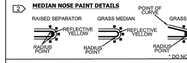
1. ALL PAVEMENT MARKINGS SHALL BE ALKYD BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED.
2. ALL PAVEMENT MARKINGS ON PAVER SYSTEMS SHALL BE 3M 380I/3M SERIES TAPE OR EQUIVALENT AND APPLIED WITH PAD ADHESIVE AS PER MANUFACTURERS SPECIFICATIONS.
3. ALL PAVEMENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", BCTED STANDARDS, AND FDOT DESIGN STANDARDS.
4. SEE FDOT INDEX NO 706-001 FOR PLACEMENT OF RPM's (FOR BULLNOSE RPM TREATMENT, SEE LEGEND NO. 1)
5. RPM's SHALL BE CLASS "B" OR EQUIVALENT, APPLIED WITH EPOXY OR BITUMINOUS ADHESIVE.
6. FDOT APPROVED SEALER SHALL BE USED WHEN APPLYING MARKINGS ON CONCRETE.
7. FOR BIKE LANE DETAILS SEE FDOT INDEX NO. 711-002.
8. EXISTING MARKINGS SHALL BE REMOVED BY WATER BLASTING OR SAND BLASTING.
9. ALL STOP LINES TO BE 4' BEHIND CROSSWALK OR SIDEWALK.
10. PAVEMENT MARKING REFLECTIVITY SHALL BE UNIFORM ACROSS THE ENTIRE STRIPE AND SHALL HAVE A MINIMUM REFLECTIVITY READING OF 250 MILLICANDELAS FOR WHITE AND 175 MILLICANDELAS FOR YELLOW.
11. ALL PRODUCTS MUST BE ON FDOT'S APPROVED PRODUCTS LIST (APL).
12. RPMS SHALL NOT BE INSTALLED ADJACENT TO BIKE LANES.
13. LONGITUDINAL CROSSWALK MARKINGS SHALL BE INSTALLED AT ALL CROSS STREETS ON COUNTY ROADS THAT ARE FOUR LANES OR GREATER.

LEGEND

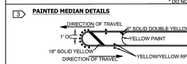
1 YELLOW/YELLOW RPM DETAILS



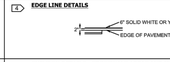
2 MEDIAN NOSE PAINT DETAILS



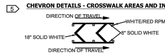
3 PAINTED MEDIAN DETAILS



4 EDGE LINE DETAILS



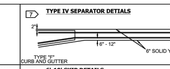
5 CHEVRON DETAILS - CROSSWALK AREAS AND IN FRONT OF CURB RAMPS



6 STREET NAME BLADE DETAILS

SEE BCTED STOP SIGN AND STREET IDENTIFICATION ASSEMBLY TYPICAL DETAILS.

7 TYPE IV SEPARATOR DETAILS



8 6'-10' SKIP DETAILS

6' - 10' SKIPS 6" WHITE SHALL BE USED FOR THE FOLLOWING CONDITIONS:

- TRANSITIONS AT ALL LEFT AND RIGHT TURN LANES

9 2'-4' SKIP DETAILS

2' - 4' SKIPS 6" WHITE SHALL BE USED FOR THE FOLLOWING CONDITIONS:

- RADIUS GUIDE LINES BETWEEN DUAL LEFTS TURN MOVEMENT (60' RADIUS PREFERRED OR AS NOTED ON PLANS)
- BUS BAY TRANSITIONS

STOP SIGN NOTE

WHERE SIDE ROADS INTERSECT A MULTI LANE STREET OR HIGHWAY THAT HAS A POSTED SPEED LIMIT OF 40 MPH OR MORE, THE MINIMUM SIZE OF THE STOP SIGNS FACING THE SIDE ROAD APPROACHES, EVEN IF THE SIDE ROAD ONLY HAS ONE APPROACH LANE, SHALL BE 36"X36".

WHERE SIDE ROADS INTERSECT A MULTI-LANE (INCLUDING TURN LANE) STREET OR HIGHWAY THAT HAS A SPEED LIMIT OF 40 MPH OR LOWER, THE MINIMUM SIZE OF THE STOP SIGN FACING THE SIDE ROAD APPROACHES SHALL BE 30"X30".

REVISIONS	
DATE	DESCRIPTION
11-24-2020	UPDATED NOTES
04-14-2021	UPDATED NOTES
05-06-2022	UPDATED NOTES

BROWARD COUNTY FLORIDA

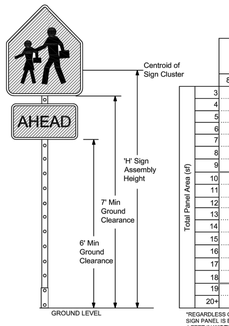
PUBLIC WORKS DEPARTMENT TRAFFIC ENGINEERING DIVISION	
DESIGN BY: CARMELO CARATOZZOLO, P.E.	SCALE: NTS
DRAWN BY: STEPHON RAMOUTAR	
CHECKED BY: CARMELO CARATOZZOLO, P.E.	

PAVEMENT MARKINGS AND SIGNS DETAILS

SHEET NO. 1 OF 1

GUIDE TO USE THIS STANDARD:

1. Calculate the Total Panel Area and the centroid 'C' for an individual sign or a sign cluster.
2. Determine the height 'H' from the groundline for the individual sign or the cluster.
3. Consult the Post Size Table and find the intersection point.
4. Design the post and the foundation according to the required Post Size and Assembly Details.

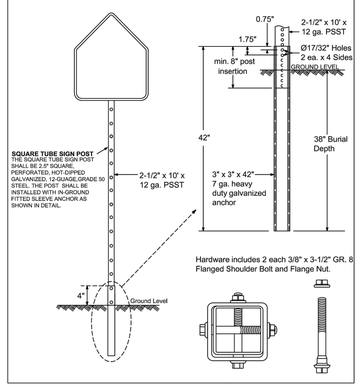


Post Size Table

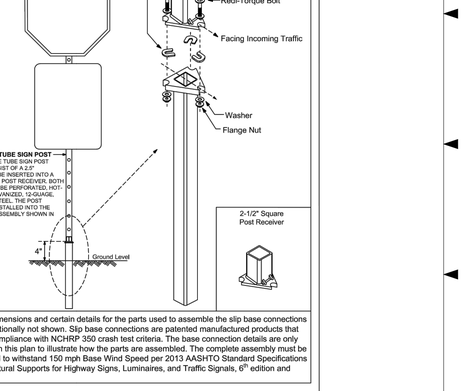
Total Panel Area (sf)	'H' Sign Assembly Height (ft) (measure from ground) 8	8.5	9	9.5	10
3					
4					
5	Sign Post with 3" x 7 ga. Square Anchor				
6					
7					
8					
9					
10					
11					
12					
13	Sign Post with Triangular Slip Base Assembly				
14					
15					
16					
17					
18	Two Post Installation Required with Triangular Slip Base				
19					
20+					

*REGARDLESS OF POST SIZE TABLE, IF A SIGN PANEL IS EQUAL TO OR GREATER THAN 4 FEET IN WIDTH, A TWO POST INSTALLATION IS REQUIRED WITH A TRIANGULAR SLIP BASE.

Sign Post with 3" x 7 ga. Square Anchor



Sign Post with Triangular Slip Base



Note: Dimensions and certain details for the parts used to assemble the slip base connections are intentionally not shown. Slip base connections are patented manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled. The complete assembly must be designed to withstand 150 mph Base Wind Speed per 2013 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th edition and interims.

REVISIONS	
DATE	DESCRIPTION
03-21-2017	UPDATED POST SIZE
11-24-2020	ADDED POST SIZE NOTE
02-05-2021	UPDATED POST BASE HEIGHT

BROWARD COUNTY FLORIDA

PUBLIC WORKS DEPARTMENT TRAFFIC ENGINEERING DIVISION	
DESIGN BY: YVES D'ANJOU, P.E.	SCALE: NTS
DRAWN BY: STEPHON RAMOUTAR	
CHECKED BY: ANDREW SEBO, P.E., PTOE	

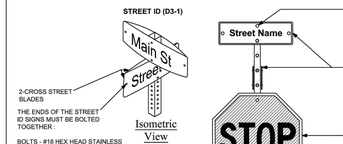
GROUND SIGN ASSEMBLY DETAILS

SHEET NO. 1 OF 1

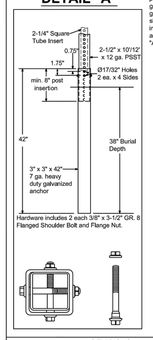
FOR SIGN ASSEMBLIES WITH MAXIMUM 8.75 SQUARE FOOT PANEL AREA

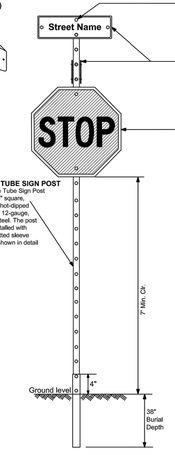
FOR SIGN ASSEMBLIES WITH GREATER THAN 8.75 SQUARE FOOT PANEL AREA WITH SUPPLEMENTAL SIGN

Typical Details



DETAIL "A"





STREET ID (D3-1) MATERIALS:

LETTERS
WHITE TYPE XI SHEETING
LETTERING OF STREET NAME SIGNS SHALL BE COMPOSED OF A COMBINATION OF LOWERCASE LETTERS WITH INITIAL UPPERCASE LETTERS

BORDER
BORDER WIDTHS WILL VARY BASED ON LETTER HEIGHTS

LETTER HEIGHTS - BORDER WIDTHS
4 INCH LETTER = 0.375 INCH BORDER WIDTH
6 INCH LETTER = 0.500 INCH BORDER WIDTH
8 INCH LETTER = 0.750 INCH BORDER WIDTH

GREEN BACKGROUND
GREEN TRANSLUSCENT INK SILK-SCREENED CLEAR-COATED OR ELECTRO-CUT (EC) FILM OR EQUIVALENT

LETTER SIZES
SEE MUTCD TABLE 2D-2 (PG 163) FOR MINIMUM LETTER HEIGHTS
LENGTH VARIES BY STREET NAME

HARDWARE
BOLTS - #18 HEX HEAD STAINLESS STEEL 5/16" x 3"
NUTS - 5/16" STAINLESS STEEL W/ NYLON WASHERS.

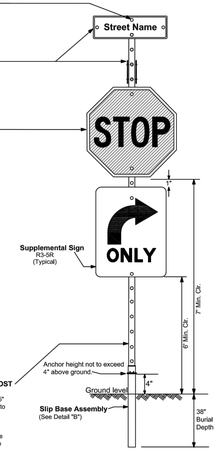
REGULATORY SIGN
WHEN NO STREET ID IS PRESENT THE STOP SIGN SHALL BE MOUNTED FLUSH TO THE TOP OF THE POST WHILE MAINTAINING 7 FEET MIN. CLEARANCE BETWEEN BOTTOM OF SIGN AND GROUND LEVEL. ANY SIGN INSTALLED BACK TO BACK WITH THE STOP SIGN SHALL BE SMALLER THAN THE STOP SIGN.

STOP, DO NOT ENTER OR YIELD
WHITE TYPE XI SHEETING
PRESSURE-SENSITIVE RED TRANSLUCENT INK SILK-SCREENED CLEAR-COATED OR ELECTRO-CUT (EC) FILM OR EQUIVALENT.

HARDWARE
FRONT: #18 HEX HEAD STAINLESS STEEL 5/16" x 3" BOLT W/ 3/8" NYLON WASHER
BACK: 5/16" HEX HEAD STAINLESS STEEL NUT W/ 3/8" STAINLESS STEEL WASHER.

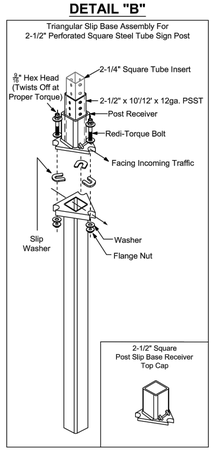
NOTES:
1. ALL TYPE XI SHEETING UTILIZED MUST BE ON THE FDOT APL LIST.
2. SEE BCTED TECHNICAL POLICY MEMO #TPM - 16-001 - SPECIFICATIONS FOR RETROFLECTIVE TRAFFIC SIGN MATERIALS.

Typical Details



SQUARE TUBE SIGN POST
The Square Tube Sign Post shall consist of a 6 foot x 2.25" square tube insert inserted into a 2.5" square post receiver. Both tubes will be perforated, hot-dipped galvanized, 12-gauge, grade 50 steel. The post shall be installed into the slip base assembly shown in detail "B".

DETAIL "B"



Notes:
1. Dimensions and certain details for the parts used to assemble the slip base connections are intentionally not shown. Slip base connections are patented manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled. The complete assembly must be designed to withstand 150 mph Base Wind Speed per 2013 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th edition and interims.
2. For standard ground sign installation, see detail entitled " Ground Sign Assembly Details".

REVISIONS	
DATE	DESCRIPTION
02-28-2020	ADDED ISOMETRIC VIEW
02-05-2021	UPDATED POST BASE HEIGHT
06-22-2023	UPDATED SIGN POST NOTES

BROWARD COUNTY FLORIDA

PUBLIC WORKS DEPARTMENT TRAFFIC ENGINEERING DIVISION	
DESIGN BY: CARMELO CARATOZZOLO, P.E.	SCALE: NTS
DRAWN BY: STEPHON RAMOUTAR	
CHECKED BY: CARMELO CARATOZZOLO, P.E.	

STOP SIGN AND STREET IDENTIFICATION ASSEMBLY TYPICAL DETAILS

SHEET NO. 1 OF 1

REV	DESIGN BY	CHECKED BY	DATE
B	100% SUBMITTAL		
	MW/MG	JWC	12/01/2023
A	DRC SUBMITTAL		
	MW/MG	JWC	08/25/2023

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit | THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

This item has been digitally signed and sealed by Joseph W Carothers, P.E. (no. 90160) on 1/18/2024. Printed copies of this document are not considered signed and sealed and the signature must be validated on all electronic or digital copies.

PAVEMENT MARKING AND SIGNAGE DETAILS

ENGINEER/DESIGN ORIGINATOR	1st. Int. Name
LEAD ENG	JOSEPH CAROTHERS
ENG MGR	GORKY CHARPENTIER
PROJ MGR	JOSEPH CAROTHERS

DRAWING NUMBER

20036124-CD-005

ER 3326

81- 90933

EASEMENT

KNOW ALL MEN BY THESE PRESENTS that The City of Fort Lauderdale, a municipal corporation

of the County of Broward and State of Florida in consideration of the sum of One Dollar ($1.00) and other valuable consideration, receipt of which is hereby acknowledged, do hereby grant to the Florida Power & Light Company, a corporation organized and existing under the laws of the State of Florida, whose address is P.O. Box 529100 (9250 West Flagler Street), Miami, Florida 33152, and to its successors and assigns (the term "assigns" meaning any person, firm or corporation owning by way of assignment all rights under this Agreement or a portion of such rights with the Grantee or its other assigns retaining and exercising the other rights), an easement forever for a right-of-way, 10 feet in width, to be used for the construction, operation and maintenance of one or more overhead and underground electric transmission and distribution lines, including, but not limited to, wires, poles, "H"-frame structures, towers, cables, conduits, anchors, guys and roads and trails and equipment associated therewith, attachments and appurtenant equipment for communication purposes and one or more pipelines, and appurtenant equipment for the transmission of substances of any kind (all of the foregoing hereinafter referred to as "facilities"), over, under, in, on, upon and across the lands of the Grantor situated in the County of Broward and State of Florida and being more particularly described as follows:

The West 10 feet of the East 32.5 feet of the South 738.24 feet of Tract 8; and the West 55 feet of the East 87.5 feet of the North 10 feet of the South 661.24 feet of said Tract 8;

ALSO the West 10 feet of the East 32.5 feet of Tract 9; all in Block 96, Palm Beach Farms Co. Plat No. 3 as recorded in Plat Book 2 at Page 45 of the Public Records of Palm Beach County, Florida; said lands situate, lying and being in Broward County, Florida.

This instrument prepared by:

c/o Florida Power & Light Co.
P. O. Box 8248
Fort Lauderdale, Florida 33310

RETURN TO:
A. A. Walton
R/W & Land Manager
Florida Power & Light Company
P. O. Box 8248
Fort Lauderdale, FL 33310

together with the right and privilege from time to time to reconstruct, inspect, alter, improve, enlarge, add to, change the nature or physical characteristics of, replace, remove or relocate such facilities or any part of them upon, across, over or under the above-described right-of-way with all rights and privileges necessary or convenient for the full enjoyment or the use thereof for the herein described purposes, including, but not limited to, the right to cut and keep clear all trees and undergrowth and other obstructions within said right-of-way and on lands of Grantor adjoining said right-of-way that may interfere with the proper construction, operation and maintenance of such facilities or any part of them, the right to mark the location of any underground facilities by above ground and other suitable markers and the right of ingress and egress for personnel and equipment of Grantee, its contractors, agents, successors or assigns, over the adjoining lands of the Grantor, for the purpose of exercising and enjoying the rights granted by this easement and any or all of the rights granted hereunder.

The Grantor, however, reserve the right and privilege to use the above-described right-of-way for agricultural and such other purposes except as herein granted or as might interfere or be inconsistent with the use, occupation, maintenance or enjoyment thereof by Grantee or its successors or assigns, or as might cause a hazardous condition; provided, however, and by the execution and delivery hereof Grantor also expressly agree that no portion or the right-of-way shall be excavated, altered, obstructed, improved, surfaced or paved without the prior written permission of the Grantee, or its successors or assigns, and no building, well, irrigation system, structure, obstruction or improvement (including any improvements for recreational activities) shall be located, constructed, maintained or operated over, under, upon or across said right-of-way by the Grantor or the heirs personal representatives, successors or assigns of Grantor.

By the execution hereof, Grantor covenant that it has the right to convey this easement and that the Grantee and its successors and assigns shall have quiet and peaceful possession, use and enjoyment of this easement and the rights granted hereby.

IN WITNESS WHEREOF, the Grantor has executed this Agreement this 10 day of March, 1981

Signed, sealed and delivered in the presence of:

Joan Ball
Elizabeth A. Williams

THE CITY OF FORT LAUDERDALE

By: Virginia S. Young (SEAL)
Mayor-Commissioner

By: _____ (SEAL)
City Manager

Attest: Maurice Dan (SEAL)
City Clerk

Approved: _____ (SEAL)
City Attorney

OFF REC 9404 PAGE 197

STATE OF FLORIDA :

COUNTY OF BROWARD :

BEFORE ME, an officer duly authorized by law to administer oaths and take acknowledgments, personally appeared VIRGINIA S. YOUNG, CONSTANCE HOFFMANN, and MARGUERITE DOCEN, Mayor-Commissioner, City Manager, and City Clerk, respectively, of the City of Fort Lauderdale, Florida, a municipal corporation of Florida, and acknowledged they executed the foregoing agreement as the proper officials of the City of Fort Lauderdale, and the same is the act and deed of the said City of Fort Lauderdale.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal at Fort Lauderdale, in the State and County aforesaid, this 13 day of March, 1981.

(SEAL)

Notary Public

My Commission Expires:

NOTARY PUBLIC STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES
BONDED THRU GENERAL INS. UNDERWRITERS

RETURN TO:
A. A. Walton
R/W & Land Manager
Florida Power & Light Company
P. O. Box 8248
Fort Lauderdale, FL 33310

OFF REC 9404 PAGE 168

TREE TABLE										
VUA TREES										
TOTAL CODE REQUIREMENT	13	3" Trees	13	2" Trees	10	Palms	10	Flowering Trees	5	Other Trees
PROPOSED TREES IN SITE PLAN	13	3" Trees	19	2" Trees	10	Palms	10	Flowering Trees	0	Other Trees
CODE REQUIRED DELTA	0	3" Trees	-6	2" Trees	0	Palms	0	Flowering Trees	5	Other Trees

TREE TABLE						
SITE TREES						
TOTAL CODE REQUIREMENT	19	3" Trees	74	2" Trees	0	Palms
PROPOSED TREES IN SITE PLAN	19	3" Trees	28	2" Trees	0	Palms
CODE REQUIRED DELTA	0	3" Trees	46	2" Trees	0	Palms

MATCH LINE

MATCH LINE

N

GRAPHIC SCALE

0 50 100

SCALE: 1" = 50'

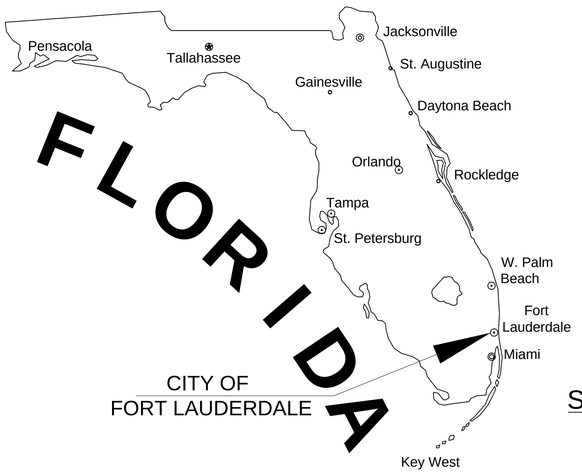
NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

KEITH

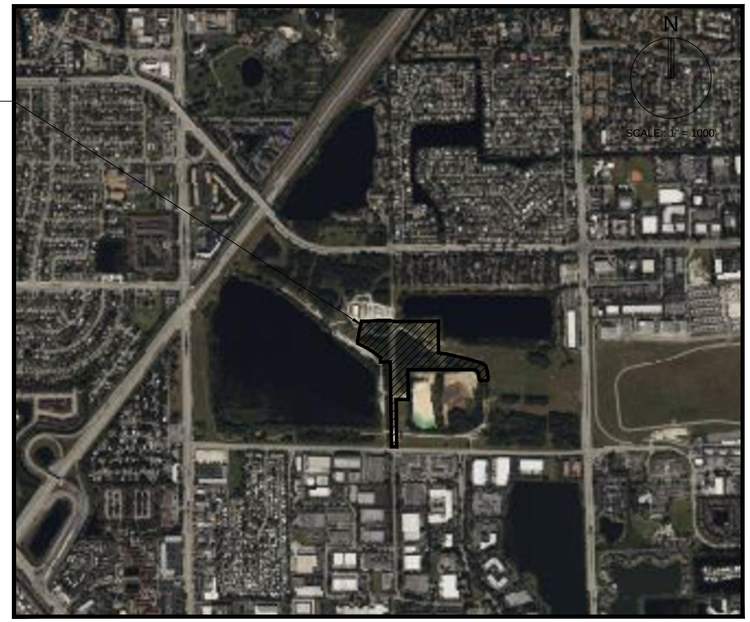
PROSPECT LAKE ILLUSTRATIVE

PROSPECT LAKE CLEAN WATER CENTER

3317 NW 56TH STREET
CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA



SITE LOCATION



LOCATION MAP

SECTION 7, TOWNSHIP 49 S, RANGE 42 E
FOLIO #4942 07 00 0110 & # 4942 07 00 0100

INDEX OF SHEETS	
SHEET IDENTIFICATON	SHEET TITLE
GI-000	COVER SHEET
LC-100	OVERALL SHEET
LP-001	LANDSCAPE NOTES
LP-002	LANDSCAPE SCHEDULE
LP-101	LANDSCAPE PLAN
LP-102	LANDSCAPE PLAN
LP-103	LANDSCAPE PLAN
LP-104	LANDSCAPE PLAN
LP-105	LANDSCAPE PLAN
LP-106	LANDSCAPE PLAN
LP-107	LANDSCAPE PLAN
LP-108	LANDSCAPE PLAN
LP-109	LANDSCAPE PLAN
LP-501	LANDSCAPE DETAILS

THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

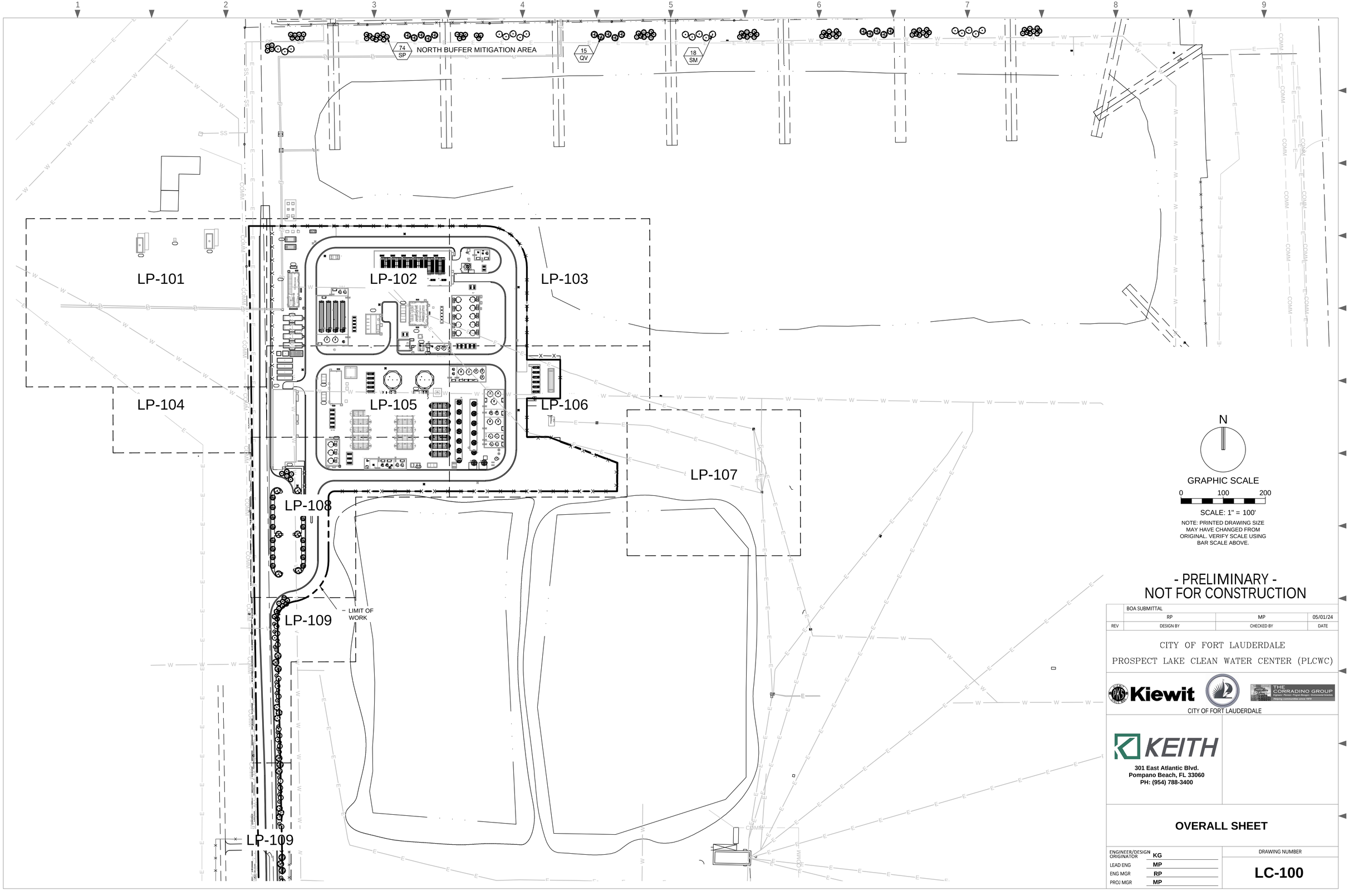
811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
It's fast. It's free. It's the law.
www.callsunshine.com

PREPARED FOR:
THE CORRADINO GROUP
5200 NW 33RD AVE, SUITE 203
FORT LAUDERDALE, FL 33309

KEITH
301 East Atlantic Boulevard
Pompano Beach, Florida 33060-6643
(954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

PROJECT No. 13701.00 08/25/2023

Drawing name: K:\13701.00 - Prospect Lake Clean Water Center - The Corradino Group\Landscape Architecture\CAD\13701.00 GI-000.dwg Layout Name: GI-000-GEN Plotted by: rpowell Plotted on: Apr 30, 2024 - 4:41pm



- PRELIMINARY - NOT FOR CONSTRUCTION

REV			
	BOA SUBMITTAL		
	RP	MP	05/01/24
	DESIGN BY	CHECKED BY	DATE

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

KEITH

301 East Atlantic Blvd.
Pompano Beach, FL 33060
PH: (954) 788-3400

OVERALL SHEET

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LC-100

A. SCOPE

1. The location of plants, as shown on the plans, is approximate. The final locations may be adjusted slightly to accommodate unforeseen field conditions, to comply with safety setback criteria, to avoid creating unsafe sight conditions, or as otherwise directed or approved by the Landscape Architect / owner in writing. All other location adjustments to the layout are to be approved in advance in writing by the Landscape Architect and owner.
2. Contractor understands that an important element of the design of this project is meeting landscape ordinances with a design flare that includes symmetry, alignment, focal points and / or smooth curvilinear forms where applied and contractor shall follow and instruct the working crews accordingly. In the event of any doubt as to how to execute the plans, Contractor shall immediately consult with Architect and/or Owner.
3. Landscape Contractor shall fine grade, prepare site as outlined in the following notes and per plans; furnish and install all plants, shrubs, trees and / or palms meeting minimum requirements and brace them per details provided. Furnish and install soil, gravel, boulders, sod and mulch as specified in plans and notes below.
4. Landscape contractor shall furnish and install all trees, palms, shrubs, groundcover, sod, planting soil, fertilizer, herbicide, pre-emergence herbicide, seed, and mulch.

B. BIDDING

1. Contractor to have liability insurance including Owner and Landscaper as insured's in excess of $10,000 as well as Worker's Compensation.
2. Contractors and Subs must ensure they are doing take offs from Bldg Dept.. Revised sets and / or Bid Set documents. Verify with this Office that you are bidding from latest available plans.
3. Read ALL notes and typical planting details sheets prior to submitting RFIs and prior to bidding.
4. When submitting an RFI reference sheet number, detail number and/or note category and number.
5. Landscape contractor shall verify all estimated quantities of material shown on the drawings prior to submitting their bid. Plant list pricing (if shown) is for permitting / mitigation comparison purposes only, any prices shown are to be disregarded by Landscape Contractor.
6. All Plant Material shall meet or exceed height and spread requirement. Heights are local code requirement and / or design intent related and always governs over container size. Container size given for reference only and must be sized-up to meet height requirements of plant list. Plant material available with excessive height beyond specifications must be consulted with Landscape Architect for design intent.
7. All landscape material was confirmed to be available at time of design. Landscape contractor understands that some material may not be available locally, however is available in Tri-County Region. Plant material supply is the responsibility of the Landscape Contractor that is awarded the contract and he/she shall take steps to ensure availability at the time of installation. Bring to the attention of Landscape Architect if specific material is no longer available at the time of bidding and / or prior to actual construction. Substitutions must be approved prior to construction.
8. Pre-inspections of site required prior to bidding.
9. The plant list is intended only as an aid to bidding. Any discrepancies found between the quantities on the plan and the quantities on the plant list shall be brought to the attention of the Landscape Architect for clarification.
10. All labor and material for soil amendments and fertilizer that is required to ensure the successful establishment and survival of the proposed vegetation, as well as all the cost for the removal of unsuitable or excess backfill material from plant beds, in addition to fine grading and mulching all plant beds and individual trees shall be included in the contractor's bid to perform the work represented in this plan set.
11. Bid shall be itemized for possible value engineering.
12. Sod and Rocks (if specified) shall be estimated by scaling plans. Include price per square foot for sod. Rocks (include price per ton). Small rocks and gravel beds shall have landscape fabric material and minimum 4" depth. Boulders to be bid by unit.
13. All S.F. if noted is approximate and shall not be considered all inclusive; it is the contractor's responsibility to do his or her take off, submit price per S.F. and in the end, sod all areas that are not covered either by plants, mulch and/or rocks. It shall be the responsibility of the contractor to include in the bid, the repair of any existing sod which may be damaged during construction.
14. Final payment to the Contractor shall be for actual plants installed on the project.
15. Contractor shall be responsible for obtaining and paying for costs of all permits described in bid whether permit costs are reimbursable by owner or included in bid. Research permit status and research all permits and additional documentation and certifications required such as separate tree removal permit for example, and consider prior to bidding.
16. General / Landscape Contractor shall leave a 5% unforeseen conditions allowance such as for additional root barriers determined to be needed on site and as job progresses.
17. Refer to Section T, Watering, for supplemental watering requirement.
18. Landscape contractor is responsible for verifying all plant quantities prior to bidding and within 7 calendar days of receipt of these plans shall notify the landscape architect in writing of any and all discrepancies. In case of discrepancies, planting plans shall take precedence over plant list. No substitutions are to be made without prior consent of the Landscape Architect.

C. GENERAL LANDSCAPE NOTES

1. Plants grown in containers prior to installation shall be removed from their containers before they are planted in the ground and have circling roots removed. All screening shrubs shall be planted for proper operation of equipment being screened and/or per the requirements of the utility as necessary. All hedge material required for screening purposes shall be planted with branches touching. Adjust spacing as necessary and/or provide additional plants to provide an adequate screen as required by code. Leave access to utility or clearance as required.
2. All landscaping shall be installed according to sound nursery practices. Contractor shall comply with federal, state and local laws and regulations pertaining to the inspection for plant disease and insect infestation.
3. All ideas, designs and plans indicated or represented by this drawing are owned by and are the exclusive property of Keith and Associates and may not be duplicated without authorization or used for other projects than the intended.
4. The Landscape Contractor shall exercise caution to protect any existing sod, electrical and irrigation. Any damage to the sod, electrical or irrigation shall be replaced or repaired to the original state by the Landscape Contractor at no additional cost to the owner.
5. Tree, palm, accent shrubs and bed lines are to be located in the field and approved by the Landscape Architect / owner prior to planting. Landscape Contractor acknowledges that material planted without approval of location may be subject to relocation by Landscape Architect to maintain design intent if not followed properly.
6. All trees must be pruned as per Landscape Architect's direction.
7. In areas where asphalt is removed in order to receive landscape material, the lime rock sub-base material must also be removed and replaced with approved planting soil mix.
8. Landscape contractor is responsible for sending photographs to the landscape architect to pre-approve all trees, palms, and shrubs prior to delivery to project site.
9. Landscape contractor shall coordinate his or her work with that of the irrigation, landscape lighting, and hardscape contractor if different.
10. The landscape contractor shall treat plant areas with pre-emergence herbicide after weeds and grass have been removed. Landscape contractor shall wait 7 days after pre-emergence treatment prior to planting.

D. PERMITS & REGULATIONS

1. Contractor(s) must obtain separate landscape, irrigation and tree relocation/removal permits from the governing authority prior to the issuance of the first building permit for the project.
2. Landscape contractor to call the local Landscape Inspector to schedule a pre-construction meeting prior to installation if required.
3. All mandatory requirements by local Landscape Departments and their inspectors shall govern and landscape contractor commits by accepting contract to comply promptly for builder/owner to obtain C.O.

E. TREE REMOVAL

1. Removal of any trees or palms will require a written "tree removal permit" from the local governing agency prior to removal. Non-native trees classified as "prohibited" trees may be exempt from the permit if listed as Category 1 by Florida Exotic Pest Plant Council. Confirm with Local Municipality.
2. Landscape Contractor is responsible to remove ALL invasive nuisance trees such as Brazilian Pepper, Melaleuca, Australian Pine and all invasive trees as categorized by the governing agencies, whether listed on plans or not.
3. The Landscape Contractor is responsible for coordinating tree and palm removals and transplants shown on the tree/palm Disposition Plan. The Landscape Contractor is to remove and discard from site existing unwanted trees, palms, shrubs, ground covers, sod and weeds within landscape areas.

F. EXISTING TREES

1. Existing trees designated to remain shall be protected during all construction phases. Any trees or shrubs designated to remain that are scarred or destroyed will be replaced at the contractor's expense, per the appraised value.
2. Existing plant material not shown on the plan and in conflict with new planting shall be evaluated at the time of new planting installation by the Landscape Architect. Trees and plant material indicated to be relocated with no new location provided in plans shall be moved to a location on site designated as a nursery holding area with the root ball protected from direct sunlight, maintained and irrigated until new location is determined.
3. Prune trees to remove damaged branches and improve natural shape and thin out structure. Do not remove more than 15% of branches. Do not prune back terminal leader.
4. Prune existing shrubs to remove damaged branches and improve natural shape.
5. Existing trees to remain shall be trimmed per Ansi-A300 standards. Supervision of the trimming shall be performed by an ISA Certified Arborist to ensure quality work.
6. All existing trees shall be "lifted and thinned" to provide an 8' minimum clearance for sidewalks and pedestrian walkways and a 14' minimum clearance for roadways, driveways and all vehicular use areas.
7. Selective canopy and root pruning of existing trees can be conducted (only as necessary and in no event more than 35%) to accommodate for new approved construction. Pruning shall be conducted / supervised by an ISA Arborist.
8. If plans call for relocation of trees, palms or plants. High level of care should be exercised to assure that they are not damaged in the process and that they are promptly replanted upon being dug up.
9. All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must traverse the protection area, they shall be tunneled or bored under the tree.
10. Erosion control devices such as silt fencing, debris basins, and water diversion structures shall be installed to prevent siltation and/or erosion within the tree protection zone.
11. Roots shall be cut manually by digging a trench and cutting exposed roots with a saw, vibrating knife, rock saw, narrow trencher with sharp blades, or other approved root pruning equipment.

G. TREE RELOCATION (These notes for relocation trees only and if applicable)

1. Flag all trees and palms to be transplanted with differentiating color than those to be saved or removed.
2. Tree Relocation process must be performed or supervised by ISA Certified Arborist.
3. Water the root zones to field capacity for 5 continuous days before root pruning. At a minimum soak the soil to a 4'-0" depth within a 6' radius.
   Root prune a minimum of six weeks before relocation. Prune away all dead or damaged limbs or fronds. For trees, prune out 1/3 of the existing canopy by selectively trimming small internal branches. For palms, gather fronds above the bud and tie them loosely with jute twine to avoid damage.
4. Brace root pruned trees awaiting relocation.
5. Root prune ½rd of the root system, irrigate daily for 2 weeks then root prune another ½rd, irrigate daily and prune last ½rd on actual relocation date, no less than two weeks (six weeks total minimum root pruning by stages). ISA Arborist on staff shall observe for intense shock. Canopy pruning may be deemed necessary by Arborist on staff to balance for intense root ball loss, canopy shall be trimmed only as necessary to increase survival.
6. Root prune with proper clean equipment to sever roots. Ensure roots are not torn or pulled apart.
7. With hand tools, dig a 2'-0" wide by 3'-0" deep trench at a minimum distance as determined by the consulting arborist to expose roots. Cut all roots 1.5" and larger in diameter with a clean, sharp pruning saw. Treat all cuts with a fungicidal barrier. Backfill the trench, within 4 hours of digging, with a 1:1 mixture of site soil and sawdust or other fine organic material. Do not compact.
8. Form a rootball size in compliance with Florida grades and Florida standards number 1 or better.
9. Maintain the soil moisture at field capacity throughout the six weeks.
10. Allow the plant to regenerate roots over a period of six weeks.
11. At the end of six weeks, prepare the planting pit at the new location. Overdig the hole diameter a minimum of 2' beyond the root ball, with the recipient hole to be at least 1/3 larger than the area that was trenched for transplanting.
12. With the consulting arborist present, undercut the entire root ball of the plants to be transplanted at a depth specified by the arborist. The undercutting method may be a choker cable drawn through the root ball with heavy equipment.
13. At the direction of a professional rigger, assemble slings, padding, guiding ropes and cables for attachment to the crane or backhoe. The professional rigger shall determine the size of machinery necessary to execute the lifting and moving operation.
14. Install trees within 24 hours of removal from their original location to locations provided by Landscape Architect or Developer with approval of municipal / Landscape Inspector.
15. Recipient site to be within 4" of finished grade. Tree pit excavation to mathch the size of root ball. Top of root ball to match the finished grade
16. Maintain trees in a healthy and vigorous condition during installation and throughout the plant establishment period. Replace trees that do not meet this requirement with the same species, size, and quality or per mitigation requirements specific to the governing authority with jurisdiction.
17. Fertilize the plant as directed by the consulting arborist.
18. When the plant is placed in the new location, backfill the planting pit with topsoil and water thoroughly to eliminate air pockets and compact the soil. Set the tree no deeper than its original condition.
19. Cover the root ball area with 3" depth of organic mulch.
20. Provide fungicide and fertility applications at the direction of the consulting arborist.
21. Post transplant watering to provide moisture and reduce any excessive stress due to root desiccation. Watering to be adjusted according to conditions and at the supervision and direction of the ISA certified arborist.
22. The diameter of the root–pruning or transplanting circle shall be at a distance away from the trunk equal to 12 times each inch of trunk diameter at breast height.
23. For all palms except Sabal palmetto, the lower fronds shall be pruned leaving 9-11 fronds that can be tied without an extensive amount of weight that may damage the heart of the palm. The Sabal palmetto shall have all fronds cut without damaging the bud.
24. Digging and preparation of the new hole for the transplant shall be done prior to removing the tree from the existing location.
25. The landscape Contractor is to verify that all new holes have appropriate percolation.
26. Over the guarantee period the Landscape contractor shall be responsible for resetting any trees or palms that are not in a vertical position.
27. After transplanting trees and palms, the landscape contractor shall be responsible for obtaining water and watering to maintain soil moisture during the guarantee period at a minimum of: First month- daily, Second month - three times per week, Third and Fourth months - two times per week, Last eight months - one time per week.

H. SITE PREPARATION & GRADING

1. Landscape contractor shall loosen and till compacted soils that are overly compacted in all planting areas of the project to provide for proper soil aeration for plant establishment.
2. Planted areas shall be cleared of underground rocks, construction debris and other materials detrimental to the health of the plants. Lime rock base material shall be removed within planting pits and adjacent to pavement. The planting areas should be clean to a depth equal to the root ball of the trees/palms proposed for the area. Planting area soils shall be tested for ph before planting. Soils showing high (alkaline) ph (over 7.5) shall be amended or replaced with native soil having a ph range of 6.5 - 7.5, as approved by Landscape Architect.
3. All planting areas and planting pits shall be tested for sufficient percolation prior to final planting and irrigation installation to ensure proper drainage. Plant beds in parking lots and in areas compacted by heavy equipment shall be de-compacted so that drainage is not impeded.
4. Landscape Contractor shall treat plant areas with pre-emergence herbicide after weeds and grass have been removed. Landscape Contractor shall wait (7) seven days after pre-emergence treatment prior to planting.
5. Site preparation shall include the eradication and removal of any weeds, clean-up of any dead material, debris, and rubbish.
6. General site and berm grading to +/- 1 inch (1") shall be provided by the general contractor. All finished site grading shall be provided by the Landscape Contractor. All planting beds shall be free of all rocks 1/2" or larger, sticks, and objectionable material including weeds and weed seeds. All lime rock shall be removed/cleaned down to the native soils.
7. The Landscape contractor shall ensure the planting areas are at finish grade prior to installing plant materials.
8. All trees and plant material to remain shall be protected during construction. Contractor shall install protective barriers such as "Tenax" orange safety fencing or similar, to be installed before the beginning of the project. Barriers shall be located to include the drip line of the trees, palms and plant material. The contractor shall take extra caution to prevent any damage to the trunk, root zones and grade.
9. Final grade within planting areas to be 4" below adjacent paved areas or top of curb. Sod areas to be 2" below.
10. All planting beds shall be shaped and sloped to provide proper drainage away from building and structures and to swales, if applicable.

I. IRRIGATION

1. Any Irrigation Notes and specifications included in Irrigation Sheets govern over the following Irrigation Notes.
2. The Landscape Contractor shall coordinate with the irrigation contractor if not the same and leave provisions for all individual trees in turf areas and all planting beds.
3. Irrigation / Landscape contractor to guarantee 100% coverage and 50% overlap (head to head coverage) to all landscaped areas and furnish and install a rain sensor.
4. Irrigation Contractor to adapt design to onsite conditions adjusting heads and changing nozzles as required to avoid overspray onto buildings or paved areas.
5. The contractor shall ensure that the irrigation system is operational and free of leaks prior to any planting being finalized. Plant material that is installed prior to the irrigation system being operational shall be watered by the contractor at his or her expense. Water for plant establishment should be included in the cost of the plant.
6. All guidelines as outlined by the South Florida Water Management District (SFWMD) or water management district with jurisdiction shall be strictly adhered to.
7. Irrigation water whether pumped from a lake or a well shall be treated for algae, rust, etc. to provide clean treated irrigation water that will not clog or stain property or components.
8. Any existing irrigation system shall be retrofitted to comply with the specifications as outlined above.

J. HARDSCAPE & OTHER MATERIALS

1. Face of trees and palms to be located a minimum of 2' setback from all fences, walkways, walls, and paved surfaces, unless otherwise indicated on the plans. Refer to details.

K. UTILITIES / CLEARANCES

1. The contractor shall be responsible for determining the location of and avoid and protect utility lines, buried cables, and other utilities. The owner or Landscape Architect shall not be responsible for damage to utility or irrigation lines.
2. Trees shall be placed a minimum of 5 ft. from underground utilities, unless otherwise approved in writing by Landscape Architect and Owner.
3. All canopy trees to be planted min. of 15' from light source/poles. Unless otherwise approved by the governing authority / Landscape Architect and Owner.
4. Landscape contractor shall contact the county, governing authority and/or utility companies to locate all underground utilities or structures prior to digging. Landscape contractor shall repair all damage to underground utilities, and/or construction caused by utility damage, at no cost to the owner.
5. All plant material symbols shown on landscape plan shall be considered diagrammatic and should be adjusted in the field by contractor to avoid all utilities, and all other obstructions.
6. If/ When digging in right of way needed: Two (2) full business days before digging, call toll free 1-800-432-4770, or 811, Sunshine State One Call of Florida, inc. Notification Center. In addition, call the Governing Agency's Utilities/Public Works Department. Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to excavation. All existing utilities shown on the plans are to be considered approximate and should be verified by the contractor prior to the start of work operations.
7. Above and below ground utilities shall be verified and located in the field by the contractor prior to commencing work in the project area. The contractor shall examine available utility plans and confirm conflicts between indicated or located utilities and landscape work. The contractor shall then notify the Project Engineer of said conflicts and the Engineer will coordinate any necessary adjustments with the utility provider. Tree locations will be adjusted as necessary when in conflict with existing utilities.
8. The final plant locations may be adjusted, as approved / directed by the Landscape Architect in writing, to accommodate utilities compliance. Excavations within 5' of known utilities should be done by hand.
9. Contractor shall familiarize himself with the location of and avoid and protect utility lines, buried cables, and all other utilities, noted or not, on plans.
10. Leave clearance and access to all above ground or at grade meters and equipment.
11. Landscape planting shall be in conformance with FPL guidelines for setbacks from overhead utility lines.
12. Landscaping shall not interfere with light poles, fire hydrants, electrical/mechanical equipment access, signs, drainage structures, etc. Bring to the attention of Landscape Architect any conflicts.

L. ROOT BARRIERS

1. Root barriers will be installed to protect building foundations, curbing, walkways, paved areas, roadway base material and utilities from existing large trees or proposed new trees that are within 5' of existing or new approved construction or as may be deemed necessary as job progresses.
2. Mechanical Root barriers will be used for large existing Canopy Trees and chemical type barriers will be used for new trees.
3. Mechanical Root barriers will be "DeepRoot" and Chemical Root barriers will be "Biobarrier". Substitutions must be of approved equal or better quality.
4. Root barriers will be installed per manufacturer specifications.
5. Root barrier depths will be determined by the manufacturer recommended depth chart and as required by on-site conditions in a case by case basis as deemed necessary by Landscape Architect Architect / ISA Arborist and Landscape Inspector.

M. LANDSCAPE BACKFILL & SOIL AMENDMENT

1. All building construction material and foreign material shall be removed from the planting areas and replaced with 70/30 mix (70% sand / 30% organic compost) or amend existing soils per section H.2.
2. Planting soil mix shall be delivered to the site in a clean loose and friable condition and is required around the root ball of all trees and shrubs, the top 6" of all shrubs and ground cover beds and top 2" of all grassed areas. This soil shall be tilled into the existing soil after the existing soil has been cleaned of all undesirable foreign materials. Recycled compost is encouraged as a soil amendment alternative. Planting soil to be weed free.
3. Planting backfill for palms shall be clean coarse native sand unless specified elsewhere.
4. Do not allow air pockets to form when backfilling. All trees shall be watered-in utilizing water probe or a tree bar.

N. PLANT SIZE & QUALITY

1. All plant material must meet or exceed the minimum size requirements as specified on the plant list. Height specification governs over container size if both specifications given cannot be met. Any other requirements for specific shape or effect as noted on the plan shall also be required for acceptance.
2. Material specified as Balled and Burlapped (B&B) can be accepted in container if not available as B&B at the discretion of Landscape Architect; if so, root bound and/or circling roots shall be removed and root ball must be proportionate to Tree / Palm.
3. U.O.N. All trees designated as single trunk shall have a single, relatively straight, dominant leader, proper structural branching and even branch distribution. Trunks on palms shall be uniform in thickness for the entire length of the palm and shall not taper off to disproportionate thinness towards the crown. Trees with bark inclusion, tipped branches, and co-dominant trunks will not be accepted. Trees with girdling, circling and/or plunging roots will be rejected.
4. Use nursery grown plant materials that complies with all required inspection, grading standards, and plant regulations in accordance with the latest edition of Florida Department of Agriculture, "Grade & Standards for Nursery Plants".
5. All trees and palms shall be free of open wounds and unsightly visible scars.
6. All substitutions must be approved by the governing authority if it is required Canopy and by Landscape Architect / Owner if supplementary accent material.
7. Contractor shall comply with Federal, State, and Local laws and regulations pertaining to the inspection for plant disease and insect infestation.
8. Trees, palms, shrubs, ground covers:
   Plant species and sizes shall conform to those indicated on the drawings. All nursery stock shall be in accordance with grades and standards for nursery plants parts 1 and 2, 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 and tightly knit plant, so trained or favored in its development that first appearance is unquestionable and it is outstandingly superior in form, number of branches, compactness and symmetry. All plants shall be freshly dug, sound, healthy, vigorous, well branched and free of disease and insect eggs and larvae and shall have adequate root systems. Trees and palms shall be uniform in size and shape. All materials shall be subject to approval by the Landscape architect. Plants shall be pruned prior to delivery only upon the approval of the Landscape Architect.
9. 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.
10. Field grown trees and palms previously root pruned shall obtain a root ball with sufficient roots for continued growth without resulting shock.
11. Root suckers on any tree are not acceptable and must be properly pruned.
12. Contractor shall coordinate with Landscape Architect and Owner to obtain prior approval for the selection of the specific specimens of all palms and any trees of more than six feet in height. Contractor to supply photograph of trees prior to purchase and installation.

O. PLANTING NOTES

1. At the discretion of the Landscape Architect, plants are subject to review for approval for size, variety, condition and appropriateness to the design intent.
2. All synthetic burlap, synthetic string or cords, or wire baskets shall be removed before any trees are planted. All synthetic tape (i.e. tagging tape, nursery tape) shall be removed from trunks, branches, etc. before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole before the trees are back filled.
3. All "groundcover" requires 75% coverage and 100% within 3 months of installation. Bring to the attention of Landscape Architect in writing before commencing if this is not achievable with the design.
4. Set tree no deeper than it was in its original growing condition with the top of the root ball even with, or slightly higher (+/- 1") than the finished grade.
5. All trees/palms shall be planted so the top of the root ball, root flair are slightly above final grade. Shrub material shall be planted such that the top of the plant ball is flush with the surrounding grade.
6. All trees and palms shall be braced / staked per accepted standards by the Florida Nursery, Growers & Landscape Association (FNGLA). Nailing into trees and palms for any reason is prohibited and the material will be rejected. Please refer to the planting details.
7. All trees, new or relocated, to be staked and guyed as detailed.
8. Layout shrubs to create a continuous smooth front line and fill in behind with triangular spacing.
9. Excavate pit or trench to 1-1/2 times the diameter of the balls or containers or 1' wider than the spread of roots and 3" deeper than required for positioning at proper height . Compact a layer of topsoil in bottom before placing plants. Backfill around plants with planting mixture, compacted to eliminate voids and air pockets. Form grade slightly dished and bermed at edges of excavation. Apply 3" of mulch.
10. Groundcover and shrubs to be spaced in a uniform and consistent pattern per planting details.
11. All mechanical equipment, irrigation pumps, FPL transformers, pool pumps, etc. shall be screened on a minimum of three sides by landscape shrubs.
12. Contractor shall not mark or scar trunks in any fashion.
13. When requested by Landscape Architect, demonstration of healthy root system if not previously approved, can include tree removal and re-installation for inspection at no additional cost to the owner.
14. Remove rejected Plant material from the Site immediately and replace with acceptable plants.

P. FERTILIZATION

1. All Fertilization shall comply with state fertilization laws. Fertilization shall be Agriform "20-10-5 Plus minors" or similar approved slow-release tablets applied per manufacturer suggested application rate chart:

Agriform® 21-gm Tablets (SKU# 90026*; 500 tablets/case)

	NEW Tree / Shrub Container Size						
	1 Gal	2 Gal	3 Gal	5 Gal	7 Gal	15 Gal	24" Box
Installation:	1	1 to 2	2 to 3	2 to 3	3 to 5	7 to 10	15 to 24

- Place plant in the hole and backfill to halfway point.
- Do not place tablets in the bottom of the planting hole.
- Place Agriform Tablets in the hole about 1to 2 inches away from root tips.
- Finish filling the hole around the plant to grade level.

SCOTTS: 1-800-492-8255 or visit www.scottspro.com

Q. SOD

1. All areas disturbed during construction shall be sodded with St. Augustine 'Seville' unless otherwise noted. These disturbed areas shall have proper irrigation established or re-established if they were disrupted or non-functional. Landscape Contractor to supply and install 2" soil layer 50/50 mix blanket for all new sod areas.
2. All open areas not covered by trees, palms, shrubs, vines, ground covers or existing sod in good condition to remain, shall receive Stenotaphrum Secundatum, St. Augustine 'Seville' sod, whether labeled on the plans or not, unless a different species is indicated on the planting plan. Sod shall be strongly rooted, free from weed, fungus, insects and disease. Contractor shall be paid by the total sodded area x the unit price submitted (field verified).
3. Sod shall be machine stripped no more than 24 hours prior to laying.
4. Lay sod strips with tight joints, do not overlap, stagger strips to offset joints in adjacent courses. Work sifted soil mix into minor cracks between pieces of sod and remove excess soil deposits from sodded areas. Sod on slopes greater than 3:1 shall be immediately staked after planting.

R. SUBMITTALS

1. Submit 1 gallon container of all planting media for landscape architect review. Samples to include specified planting mix, topsoil, container planting mix (if applicable) and mulch.
2. Submit representative nursery photos of all Trees and Palms for review prior to delivery to the site. Include scale for height.
3. Submit representative nursery photos of all shrub and groundcover material for review prior to delivery to the site.

S. INSPECTION & ACCEPTANCE

1. Notify the governing Agency if required and Landscape Architect of commencement.
2. Onsite plant deliveries shall occur on Monday through Friday only unless otherwise directed by the Landscape Architect / Owner. The contractor shall ensure that plant material is delivered undamaged from transportation or digging operations. The Landscape Architect may reject material that has been damaged or rendered unacceptable due to relocation or transportation from the point of origin. All plant material shall be available for inspection and approval by the Landscape Architect prior to final installation.
3. There shall be one final inspection for approval by each of the presiding governing agency, Landscape Architect and owner. Contractor shall ensure that the plans, details, specifications and notes have been adhered to and that the landscape and irrigation installation is compliant to all items as directed on the plans prior to scheduling of the final inspection.
4. 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 shall be promptly corrected by the Landscape Contractor.
5. No substitution of plant material, type or sizes will be permitted without prior written authorization from the Landscape Architect and owner.
6. To obtain final payment, Contractor must provide release of all mechanic's liens and material liens.

T. MULCH

1. All planting beds shall be mulched to a depth of 3" with an organic mulch approved by Landscape Architect. No heavy metals, such as arsenic, etc. are to be contained in the mulch. The contractor shall provide certification if requested or proof that all mulch is free of heavy metals or similar environmental contaminants.
2. Shredded approved organic mulch to be used beyond trunk in all directions and throughout all hedges and plant material.
3. All trees in sodded areas shall have a clean cut 4' diameter mulch ring.
4. Preferred mulch is shredded melaleuca. Cypress, red, gold and green mulch is prohibited.
5. All mulch shall have a minimum 3" separation from the trunk of the tree/palm trunk to avoid rotting.

U. WATERING

1. All plant material shall be watered in thoroughly at the time of planting.
2. It is the sole responsibility of the Landscape Contractor to ensure that all new plantings receive adequate water during the installation and until completion of contract. Deep watering of all new trees and palms and any supplemental watering that may be required to augment natural rainfall and site irrigation is mandatory to ensure proper plant establishment and development and shall be provided by Contractor as a part of this contract.

V. CLEAN UP

1. The Landscape Contractor is responsible for maintaining all landscape planting areas until final acceptance of the owner.
2. The contractor is responsible for mowing the entire project during planting and establishment periods, based on mowing project once a month from October to April, and twice a month from April to October (During installation and plant establishment only and until final inspection and owner accepts and takes ownership).
3. Any excess soil, undesired stones or debris resulting from landscape operations shall be removed promptly, keeping the site clean as work progresses.
4. The Landscape Contractor shall at all times keep the premises free from accumulation of waste material or debris caused by their 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.

W. MAINTENANCE

1. Landscape Contractor to return to job site 12 months after tree bracing and remove all tree braces. Owner may choose to retain 5% of payment to ensure compliance.
2. 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.
3. Trees and shrubs shall be maintained to keep clearance of stop signs and safety clearance for visibility at traffic intersection.

X. GUARANTEE & REPLACEMENT

1. By accepting the contract, the Contractor is thereby guaranteeing all plant materials and design for a period of not less than one (1) year from the time of final acceptance by the owner. Contractor shall replace any plants which die or wither within such period with healthy plants that meet specifications of the same species and size without additional cost to the owner unless such death or withering is due to Owner's failure to do ordinary maintenance on such plants after final acceptance in accordance with any maintenance instructions given by Landscape Architect for such plants. Such replacement shall include all plants and labor to plant the replacement plants. Any plant materials damaged by lightning, storms, freeze damage or other "acts of God" as well plants damaged by vehicles, vandalism or neglect are not included in this replacement agreement. If requested, the Landscape Architect may act as a mediator between owner and Landscape Contractor on a time material basis. "Plants" includes all trees, palms, shrubs, grass and other plants provided or planted by Contractor.

Y. MISCELLANEOUS.

1. All work to be done in a professional manner.
2. No change order shall be valid, due or paid unless it is approved by Owner in writing in advance.
3. These notes shall be an integral part of the contract of Contractor and shall be deemed incorporated therein by reference. In the event of a conflict among the terms among the plans and these notes, the terms of this document shall control.

Z. ABBREVIATIONS IN NOTES AND PLANS

UNO = Unless Otherwise Noted
L.A = Landscape Architect
S.F. = Square Feet
STD = Standard (single trunk)
B&B = Balled and Burlapped
BLDG DEP = Building Department
RFI = Request for Information
FPL= Florida Power & Light
C.O. = Certificate of Occupancy
ISA CA or ISA Arborist = International Society of Arboriculture Certified Arborist

- PRELIMINARY -
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	BOA SUBMITTAL		
	RP	MP	05/01/24

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

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LANDSCAPE NOTES

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-001

CITY OF FORT LAUDERDALE - LANDSCAPE REQUIREMENTS

[UNIFIED LAND DEVELOPMENT REGULATIONS, CHAPTER 47, ARTICLE III, SECTION 47-21 LANDSCAPE AND TREE PRESERVATION REQUIREMENTS]

PROPOSED VEHICULAR USE AREAS *[SEC. 47-21.9 LANDSCAPING REQUIREMENTS FOR VEHICULAR USE AREAS]*

					REQUIRED		PROVIDED	
TOTAL SITE AREA:	**526,803**	S.F. =	**12.09**	ACRES				
NET LOT AREA:	**93,104**	S.F. =	**2.14**	ACRES				
VUA AREA:	**52,285**	S.F. =	**1.20**	ACRES				
[AS DEFINED BY SEC. 47-58.2]								
VUA LANDSCAPE REQUIRED (20% OF VUA)					**10,457**	S.F.	**27,475**	S.F.
PERIMETER LANDSCAPE AREA								
ABUTTING A STREET			**17**	L.F.	**171**	S.F.	**264**	S.F.
NOT ABUTTING A STREET			**293**	L.F.	**733**	S.F.	**2,351**	S.F.
INTERIOR LANDSCAPE AREA (30 S.F./PKNG SPACE)			**39**	SPACES	**1,170**	S.F.	**117,964**	S.F.
REQUIRED LANDSCAPE:								
1 TREE REQUIRED PER 1,000 S.F. VUA AREA					**52**	TREES	**52**	TREES
BREAKDOWN:	3" CALIPER SHADE TREES (25%)			=	**13**	TREES	**13**	TREES *
	2"- <3" CALIPER SHADE TREES (25%)			=	**13**	TREES	**19**	TREES
	FLOWERING TREE SPECIES (20%)			=	**10**	TREES	**10**	TREES *
	PALM TREES (20%)			=	**10**	TREES	**10**	TREES *
	OTHER TREES (FPL SMALL TREES) (10%)			=	**5**	TREES	**0**	TREES
6 SHRUBS PER 1,000 S.F. VUA AREA				=	**314**	SHRUBS	**314+**	SHRUBS

* INCLUDES EXISTING TREES (30 TREES, 1 FLOWERING TREE, 68 PALMS)

SITE LANDSCAPE REQUIREMENTS *[SEC. 47-21.10 LANDSCAPE REQUIREMENTS FOR ALL ZONED DISTRICTS]*

				REQUIRED		PROVIDED	
LOT ZONING DESIGNATION	**CC**						
NET LOT AREA	**93,104**	S.F.					
REQUIRED LANDSCAPE:							
1 TREE/1000 S.F. OF NET LOT AREA *(IN ADDITION TO VUA LANDSCAPE)*				**93**	TREES	**47**	TREES
SHADE SPECIES (20% MIN.)				**19**	SHADE TREES	**19**	SHADE TREES
PROVIDED BREAKDOWN:	EXISTING SHADE TREES	**0**	TREES				
	EXISTING FLOWERING TREES	**0**	TREES				
	EXISTING PALM TREES	**0**	TREES				
	PROPOSED SHADE TREES	**28**	TREES				
	PROPOSED PALM TREES	**0**	TREES				
12 SHRUBS/1000 S.F. OF NET LOT AREA *(IN ADDITION TO VUA LANDSCAPE)*				**1117**	SHRUBS	**1117+**	SHRUBS
STREET TREES:							
1 SMALL TREE/20 LF OF STREET FRONTAGE (OHW PRESENT)		**70**	L.F.	**2**	TREES	**2**	TREES
PROVIDED BREAKDOWN:	EXISTING SMALL TREES	**0**	TREES				
	EXISTING FLOWERING TREES	**0**	TREES				
	EXISTING PALM TREES	**0**	TREES				
	PROPOSED SHADE TREES	**2**	TREES				
	PROPOSED PALM TREES	**0**	TREES				
SHADE SPECIES (50% MIN.)				**1**	SHADE TREES	**2**	SHADE TREES

NOTES:

1. SOD TO BE ST. AUGUSTINE 'FLORATAM', EXCEPT IN RETENTION AREAS. CONTRACTOR TO DETERMINE QUANTITY.
2. ALL PLANTS TO BE FLORIDA NO. 1 OR BETTER PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.
3. ALL SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
4. BUBBLERS TO BE PROVIDED FOR NEW AND RELOCATED TREES AND PALMS.
5. CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND LANDSCAPE SPECIFICATION ATTACHED TO THIS PLAN AND PLANT LIST. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS.
6. PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE ANY PLANT MATERIAL IS INSTALLED ON SITE.
7. ALL ROAD ROCK, CONCRETE, ASPHALT AND OTHER NON-NATURAL MATERIAL BE REMOVED AND BE REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.
8. NO TRENCHING ALLOWED WITHIN ROOT ZONES OF EXISTING TREES.
9. ALL CATEGORY 1 INVASIVE/EXOTIC TREES TO BE REMOVED PER LOCAL ORDINANCE.

PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	DBH/CAL	NATIVE	REMARKS
TREES							
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE	14` HT	7` SPR	3" CAL	**	
BS	8	BURSERA SIMARUBA GUMBO LIMBO	12` HT	6` SPR	3" CAL	N**	
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD	12` HT	5` SPR	2.5" CAL	N**	
PE2	29	PINUS ELLIOTTI SLASH PINE	10` HT	5` SPR	2" CAL	N**	
PE	20	PINUS ELLIOTTI SLASH PINE	14` HT	6` SPR	3" CAL	N**	
QV	13	QUERCUS VIRGINIANA LIVE OAK	12` HT	6` SPR	3" CAL	N**	
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY	12` HT	6` SPR	3" CAL	N	
TC	10	TABEBUIA CARAIBA YELLOW TABEBUIA	12` HT	6` SPR	2.5" CAL	**	
PALMS							
SP	89	SABAL PALMETTO SABAL PALM	12`, 16`, 20` CT			N**	
CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	SPACING	NATIVE	REMARKS
SHRUB AREAS							
CHR	421	CHRYSOBALANUS ICACO COCO PLUM	24" HT	24" SPR	24" OC	N**	
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS	12" HT	16" SPR	18" OC	**	
MUH	142	MUHLENBERGIA CAPILLARIS GULF MUHLY GRASS	24" HT	24" SPR	24" O.C.	N**	
NEP	415	NEPHROLEPIS EXALTATA BOSTON FERN	10" HT	14" SPR	24" O.C.	N**	
PEN	151	PENNISETUM SETACEUM WHITE FOUNTAIN GRASS	24" HT	24" SPR	24" O.C.	**	
TRF	141	TRIPSACUM FLORIDANUM DWARF FAKAHATCHEE	24" HT	24" SPR	36" O.C.	N**	
ZAM	126	ZAMIA PUMILA COONTIE	15" HT	18" SPR	24" O.C.	N**	

N DENOTES NATIVE SPECIES

** DENOTES HIGH DROUGHT TOLERANT SPECIES

* DENOTES MODERATE DROUGHT TOLERANT SPECIES

MITIGATION TREES	TOTAL INCHES FOR MITIGATION
9	27
8	24
15	38
29	58
20	60
13	39
16	48
10	25
TOTAL QTY:	TOTAL MITIGATION INCHES:
120	319

TREE REMOVAL SUMMARY

(1)caliper inch required per (1)DBH inch removed, Non-Specimen) TOTAL DBH TO BE REMOVED	**523**
TOTAL MITIGATION VALUE	**319**
TOTAL DOLLAR VALUE OF SPECIMEN TREES TO BE REMOVED	$169,159.06
TOTAL QTY OF PALMS TO BE REMOVED	89

PROPOSED TREE SUMMARY

TOTAL CALIPER INCHES OF MITIGATION TREES PROPOSED	**319.0**
TOTAL NUMBER OF PALMS PROPOSED	89
SHORTFALL OF MITIGATION:	0

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	RP	MP	05/01/24

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit | THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

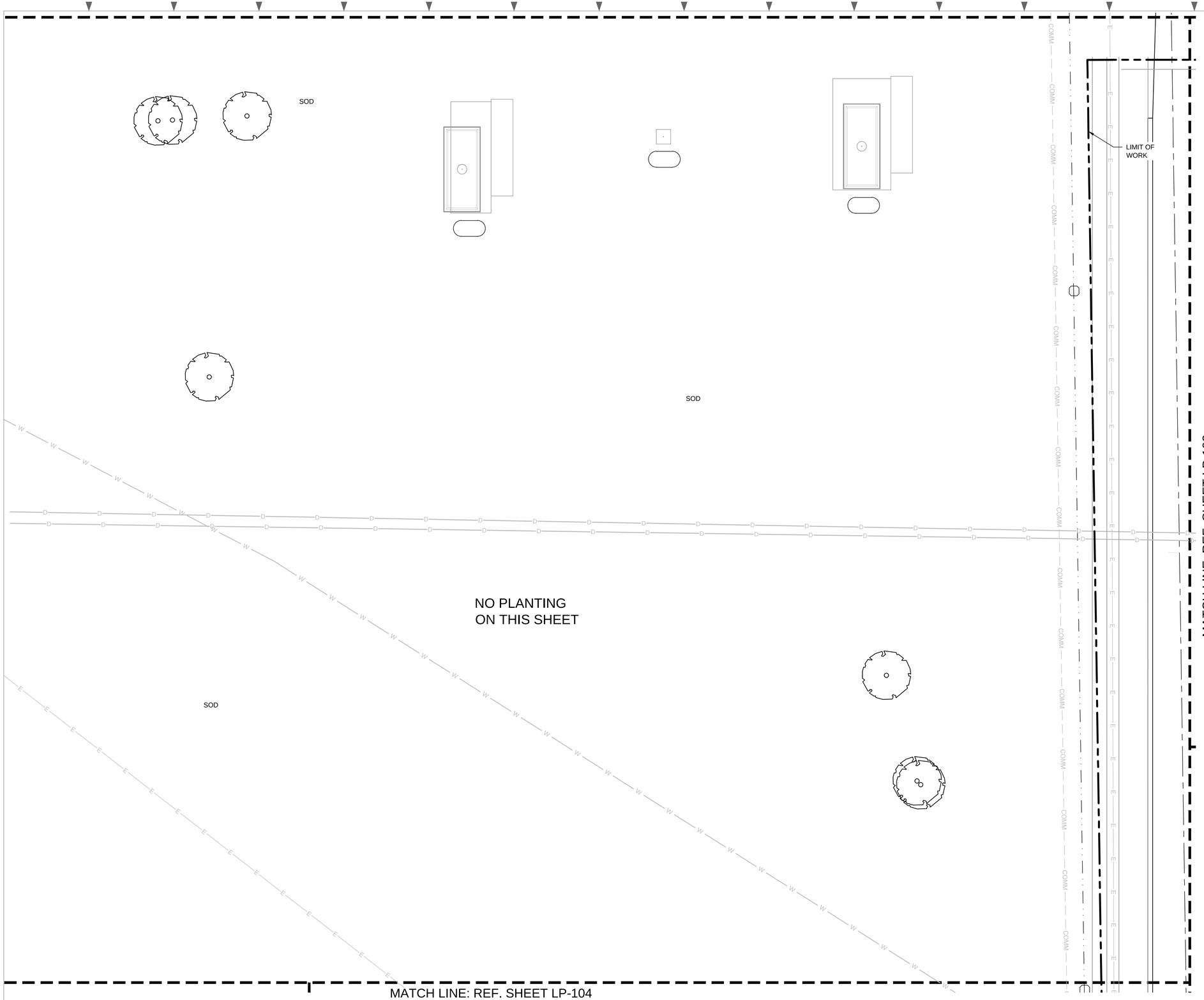
KEITH
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Pompano Beach, FL 33060
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LANDSCAPE SCHEDULE

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-002



PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
TC	10	TABEBUIA CARAIBA YELLOW TABEBUIA
PALMS		
SP	89	SABAL PALMETTO SABAL PALM
CODE	QTY	BOTANICAL / COMMON NAME
SHRUB AREAS		
CHR	421	CHRYSOBALANUS ICACO COCO PLUM
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS
MUH	142	MUHLENBERGIA CAPILLARIS GULF MUHLY GRASS
NEP	415	NEPHROLEPIS EXALTATA BOSTON FERN
PEN	151	PENNISETUM SETACEUM WHITE FOUNTAIN GRASS
TRF	141	TRIPSACUM FLORIDANUM DWARF FAKAHATCHEE
ZAM	126	ZAMIA PUMILA COONTIE

N

GRAPHIC SCALE

0 20 40

SCALE: 1" = 20'

NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

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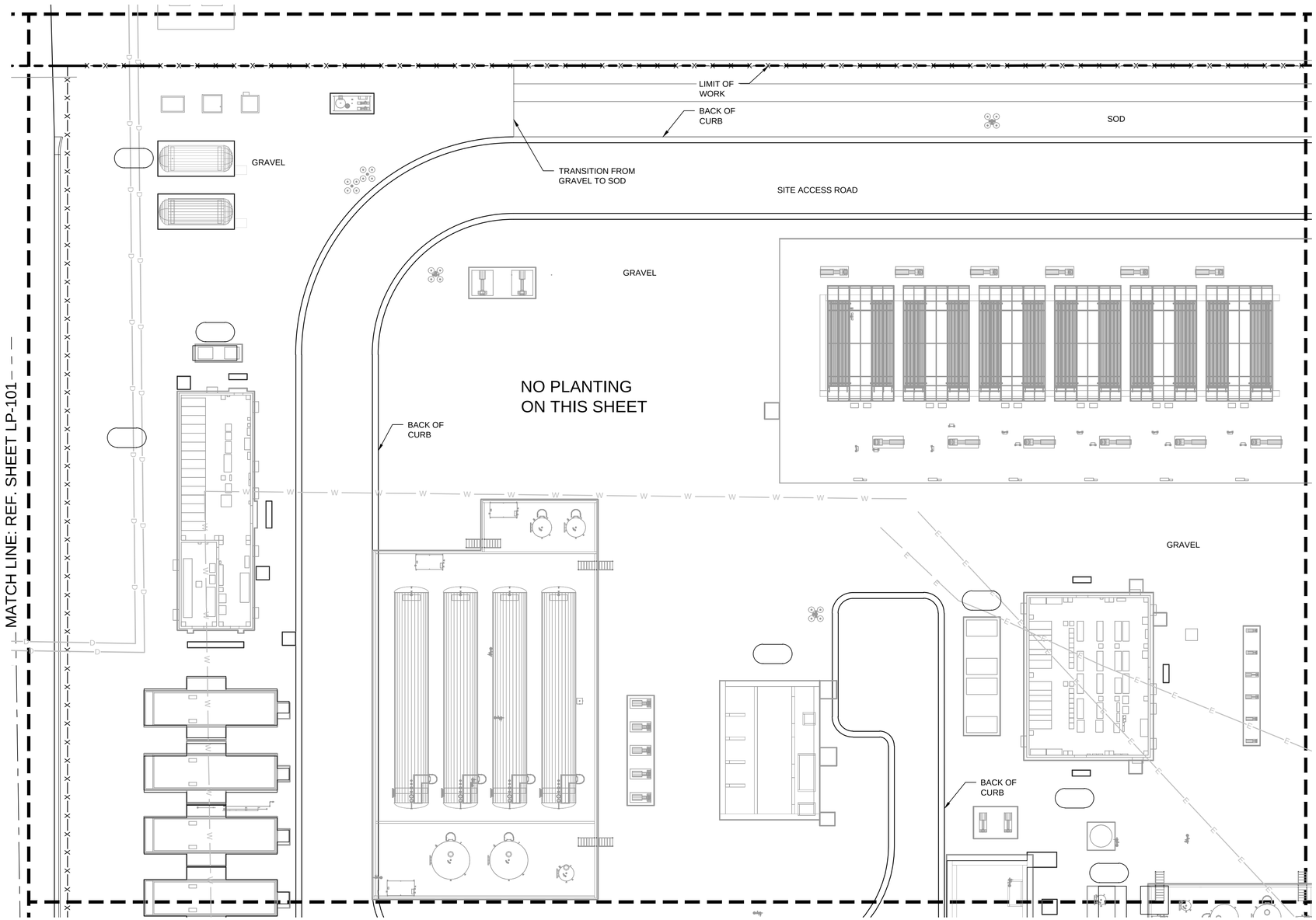
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LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-101



PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
TC	10	TABEBUIA CARAIBA YELLOW TABEBUIA
PALMS		
SP	89	SABAL PALMETTO SABAL PALM
CODE	QTY	BOTANICAL / COMMON NAME
SHRUB AREAS		
CHR	421	CHRYSOBALANUS ICACO COCO PLUM
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS
MUH	142	MUHLENBERGIA CAPILLARIS GULF MUHLY GRASS
NEP	415	NEPHROLEPIS EXALTATA BOSTON FERN
PEN	151	PENNISETUM SETACEUM WHITE FOUNTAIN GRASS
TRF	141	TRIPSACUM FLORIDANUM DWARF FAKAHATCHEE
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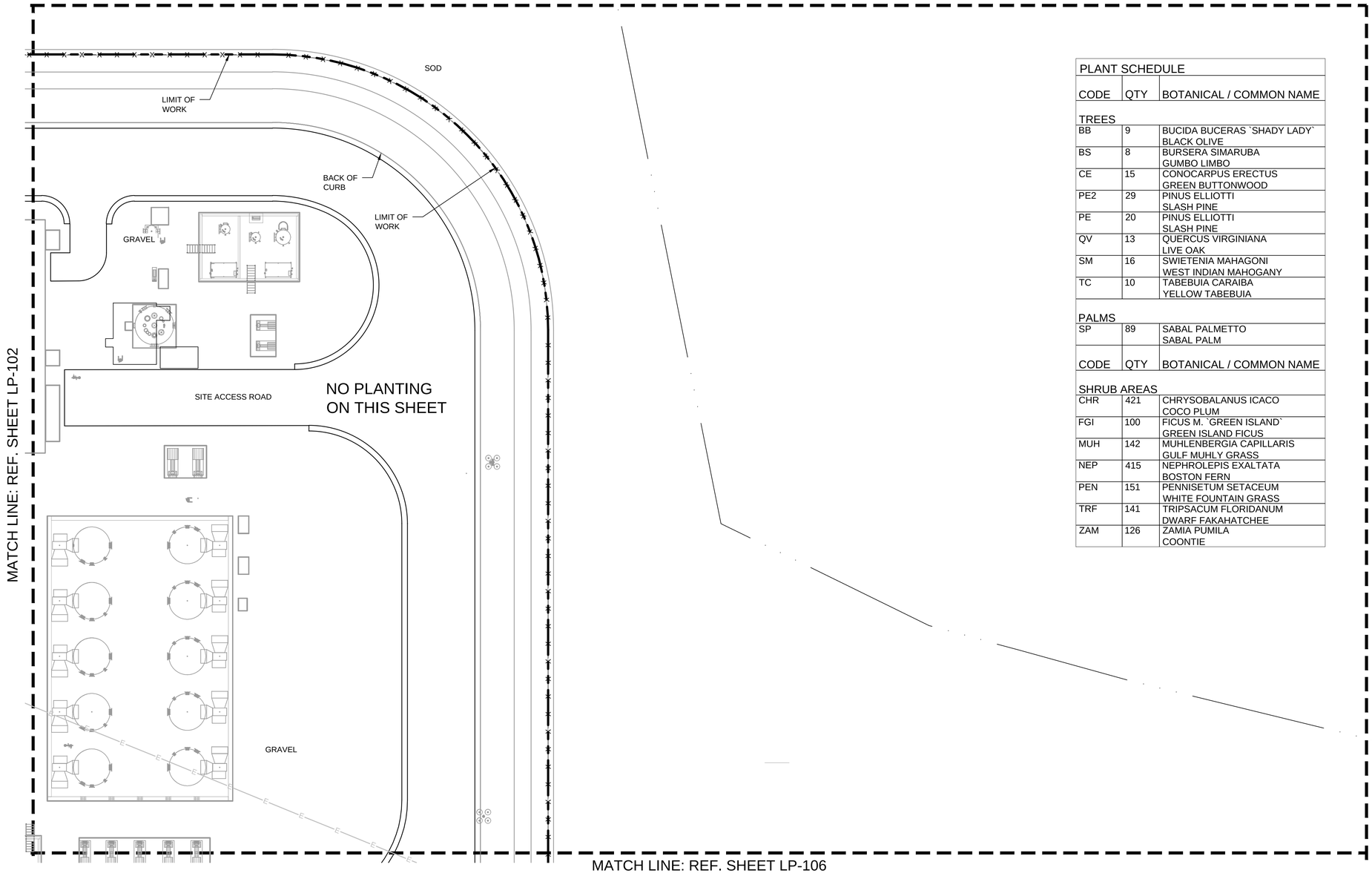
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LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-102



PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
TC	10	TABEBUIA CARAIBA YELLOW TABEBUIA
PALMS		
SP	89	SABAL PALMETTO SABAL PALM
CODE	QTY	BOTANICAL / COMMON NAME
SHRUB AREAS		
CHR	421	CHRYSOBALANUS ICACO COCO PLUM
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS
MUH	142	MUHLENBERGIA CAPILLARIS GULF MUHLY GRASS
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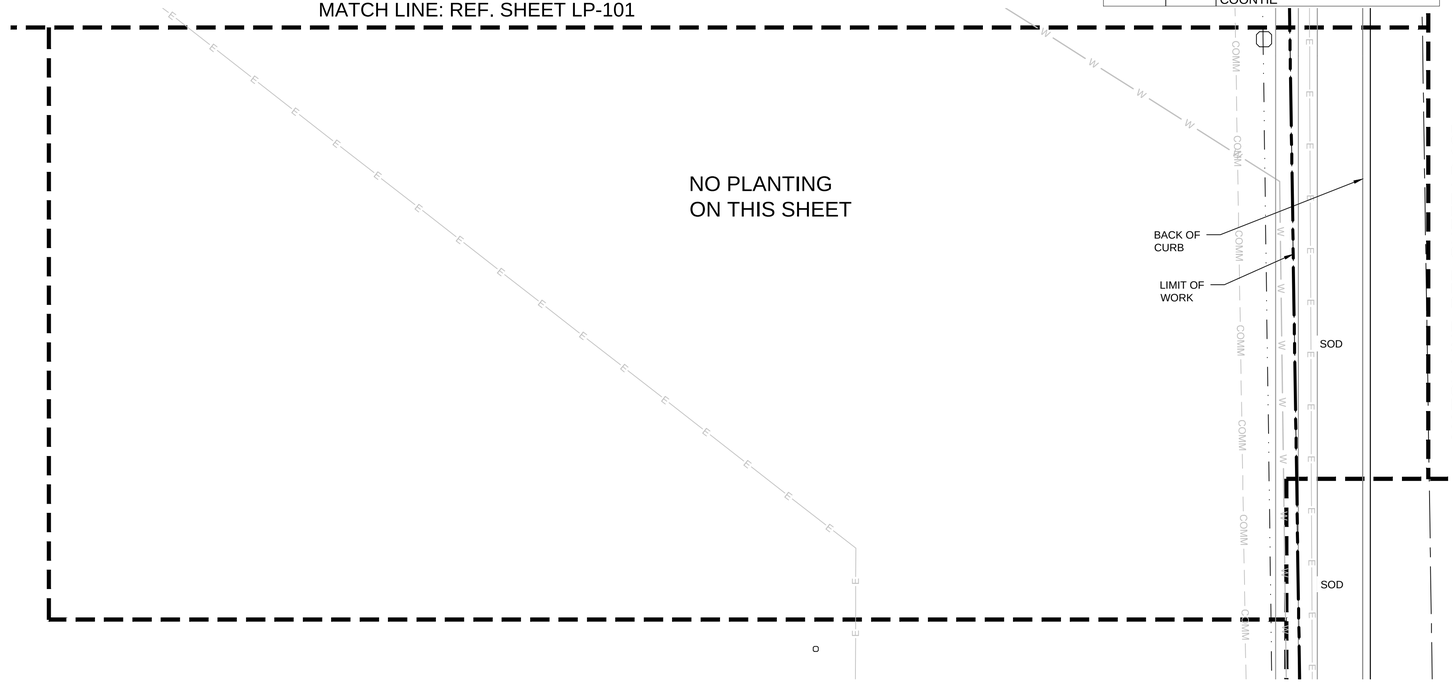
LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-103

PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
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SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
TC	10	TABEBUIA CARAIBA YELLOW TABEBUIA
PALMS		
SP	89	SABAL PALMETTO SABAL PALM
CODE	QTY	BOTANICAL / COMMON NAME
SHRUB AREAS		
CHR	421	CHRYSOBALANUS ICACO COCO PLUM
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS
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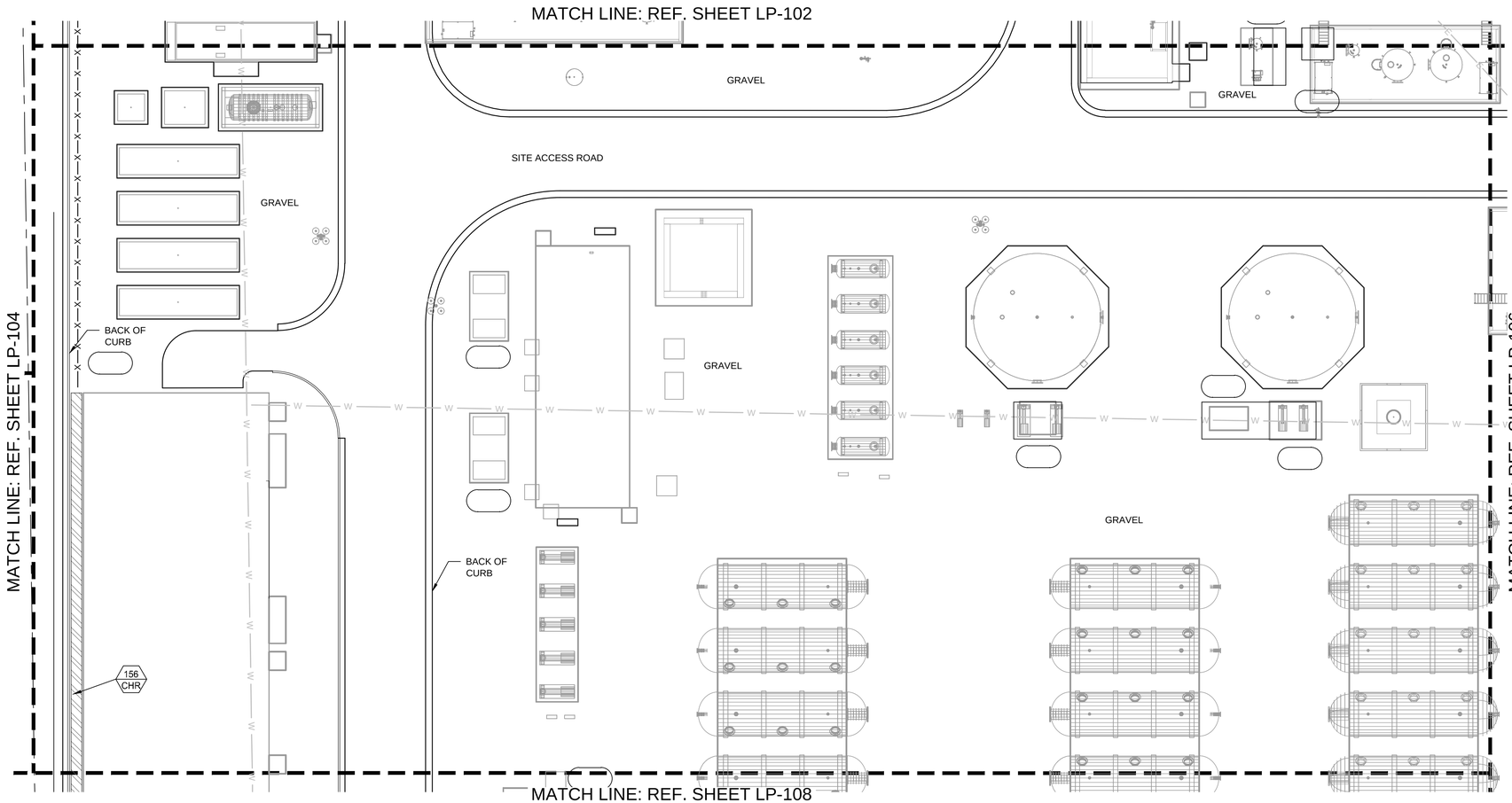
LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-104

PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
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PALMS		
SP	89	SABAL PALMETTO SABAL PALM
CODE	QTY	BOTANICAL / COMMON NAME
SHRUB AREAS		
CHR	421	CHRYSOBALANUS ICACO COCO PLUM
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS
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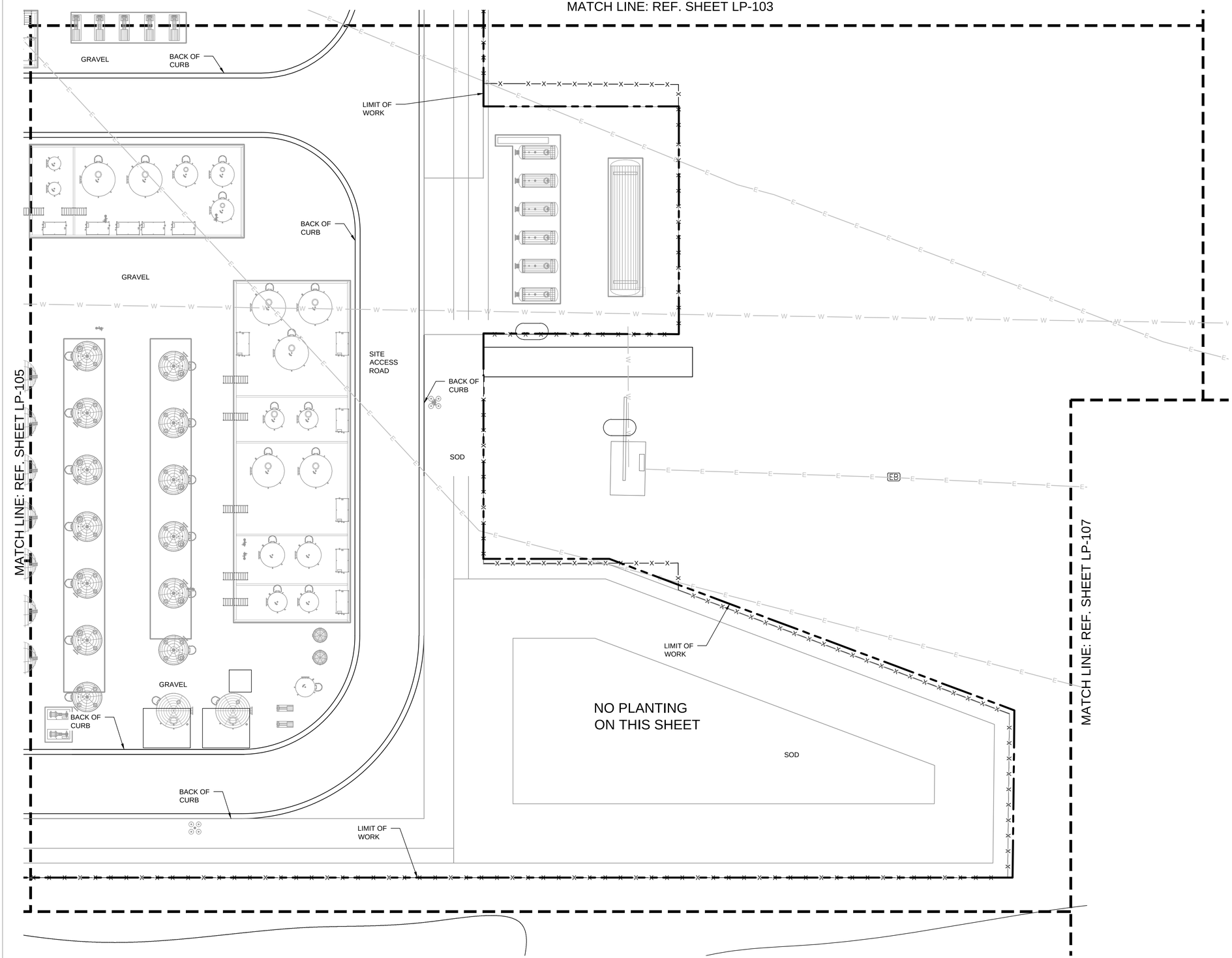
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LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-105



PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
TC	10	TABEBUIA CARAIBA YELLOW TABEBUIA
PALMS		
SP	89	SABAL PALMETTO SABAL PALM
CODE	QTY	BOTANICAL / COMMON NAME
SHRUB AREAS		
CHR	421	CHRYSOBALANUS ICACO COCO PLUM
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS
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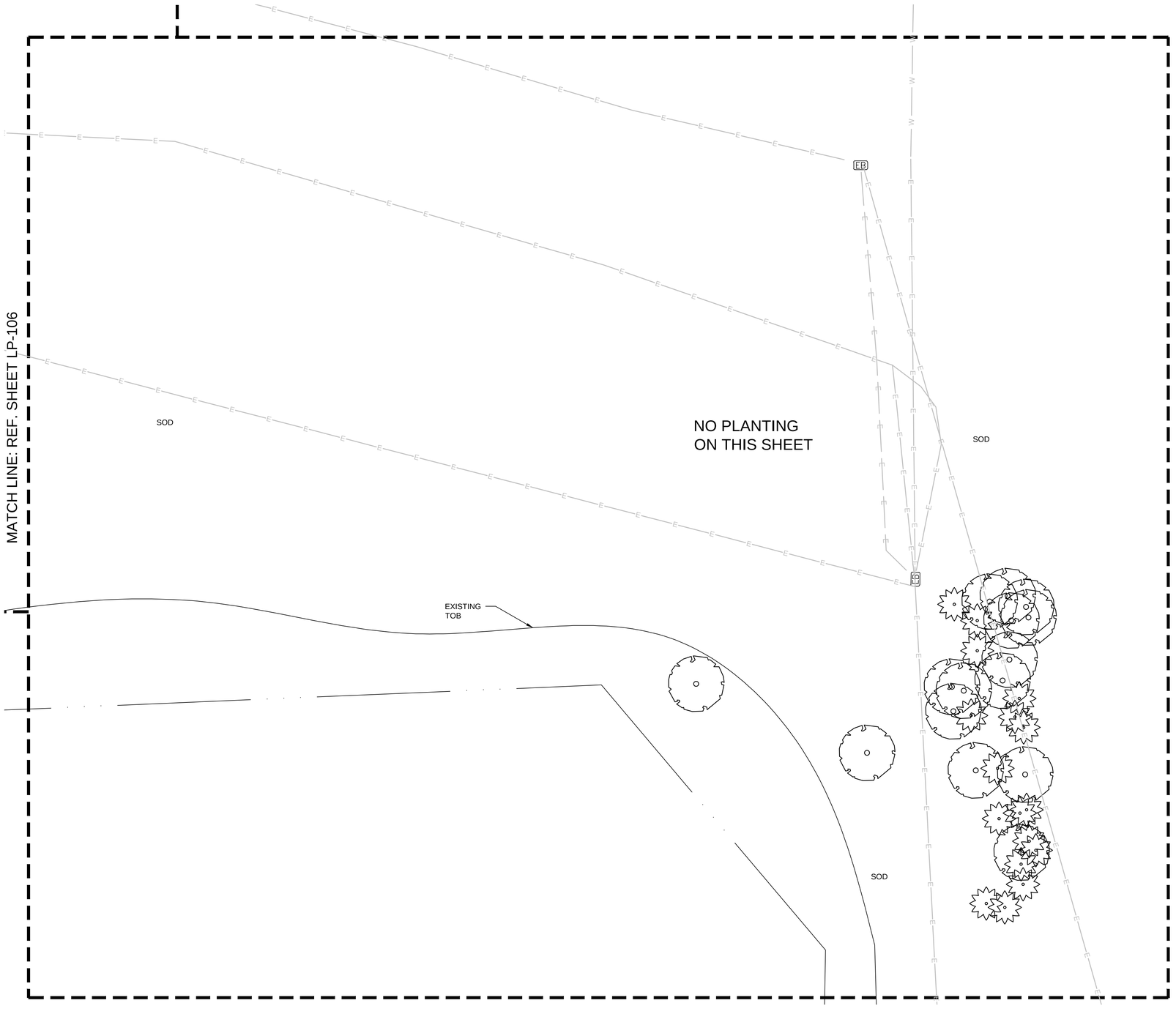
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LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-106



PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
TC	10	TABEBUIA CARAIBA YELLOW TABEBUIA
PALMS		
SP	89	SABAL PALMETTO SABAL PALM
CODE	QTY	BOTANICAL / COMMON NAME
SHRUB AREAS		
CHR	421	CHRYSOBALANUS ICACO COCO PLUM
FGI	100	FICUS M. `GREEN ISLAND` GREEN ISLAND FICUS
MUH	142	MUHLENBERGIA CAPILLARIS GULF MUHLY GRASS
NEP	415	NEPHROLEPIS EXALTATA BOSTON FERN
PEN	151	PENNISETUM SETACEUM WHITE FOUNTAIN GRASS
TRF	141	TRIPSACUM FLORIDANUM DWARF FAKAHATCHEE
ZAM	126	ZAMIA PUMILA COONTIE

N

GRAPHIC SCALE

0 20 40

SCALE: 1" = 20'

NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

- PRELIMINARY -
NOT FOR CONSTRUCTION

REV			
	BOA SUBMITTAL		
	RP	MP	05/01/24
	DESIGN BY	CHECKED BY	DATE

CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

Kiewit

THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

KEITH
301 East Atlantic Blvd.
Pompano Beach, FL 33060
PH: (954) 788-3400

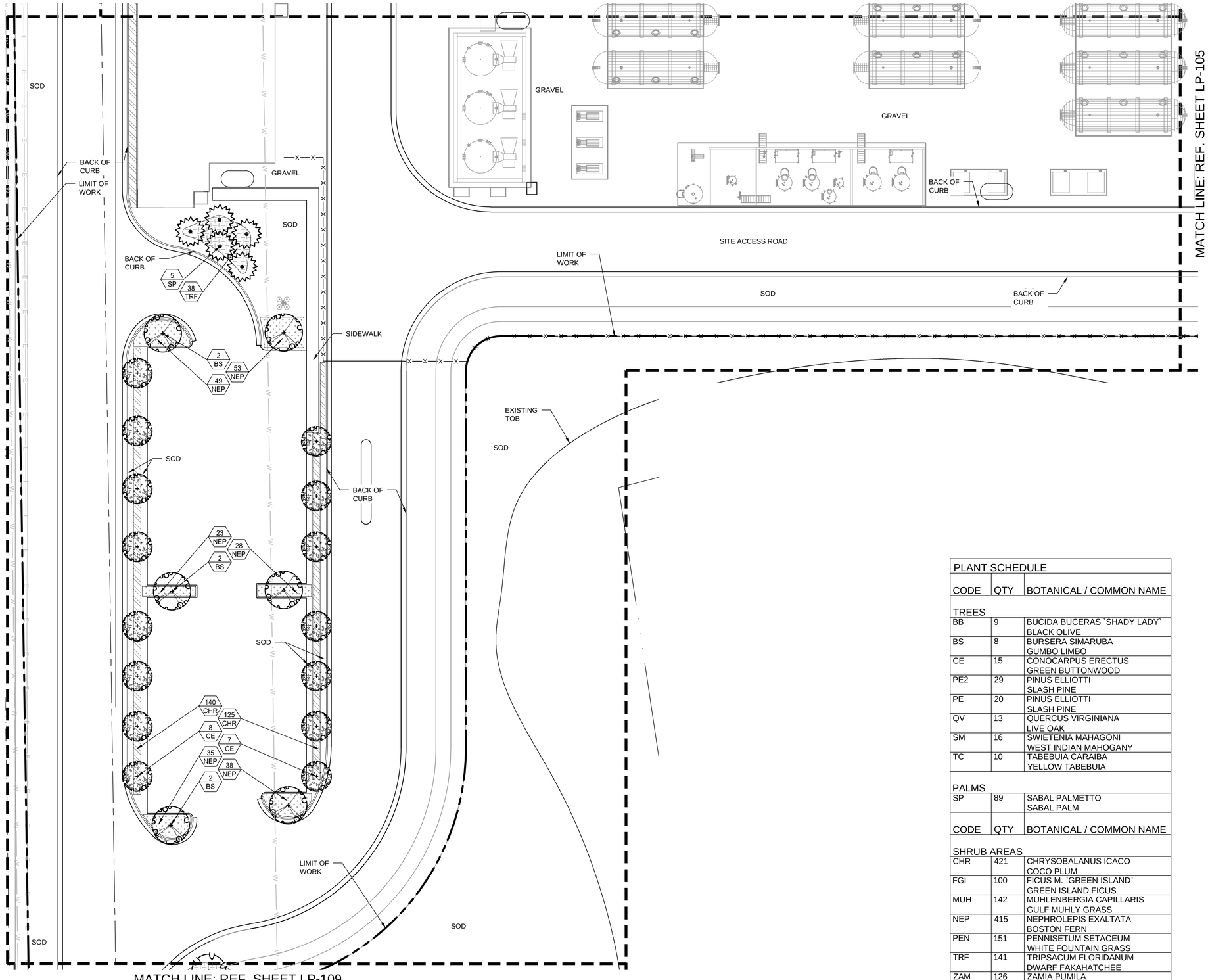
LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-107

MATCH LINE: REF. SHEET LP-105



PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
SM	16	SWIETENIA MAHAGONI WEST INDIAN MAHOGANY
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	BOA SUBMITTAL		
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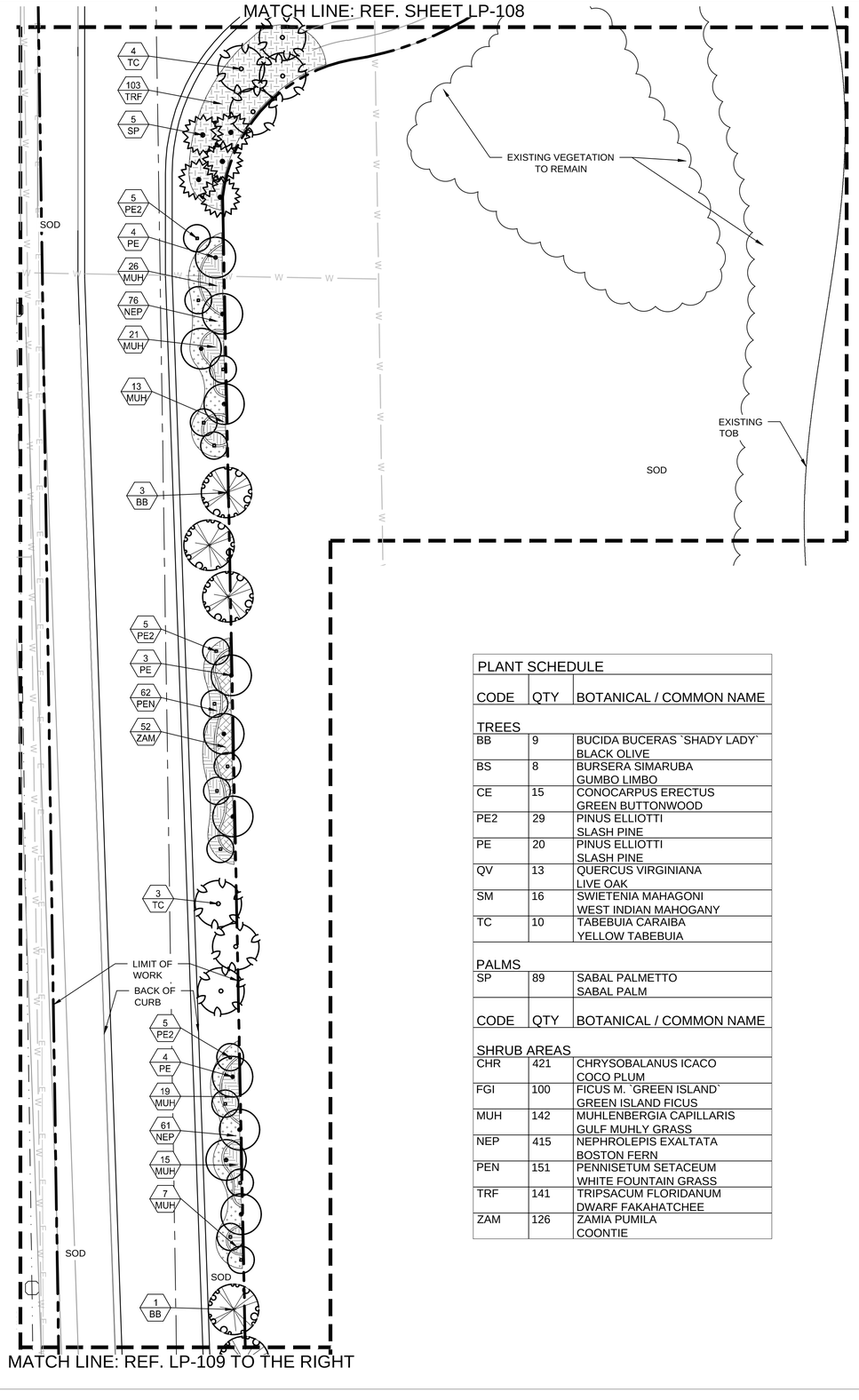
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Pompano Beach, FL 33060
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LANDSCAPE PLAN

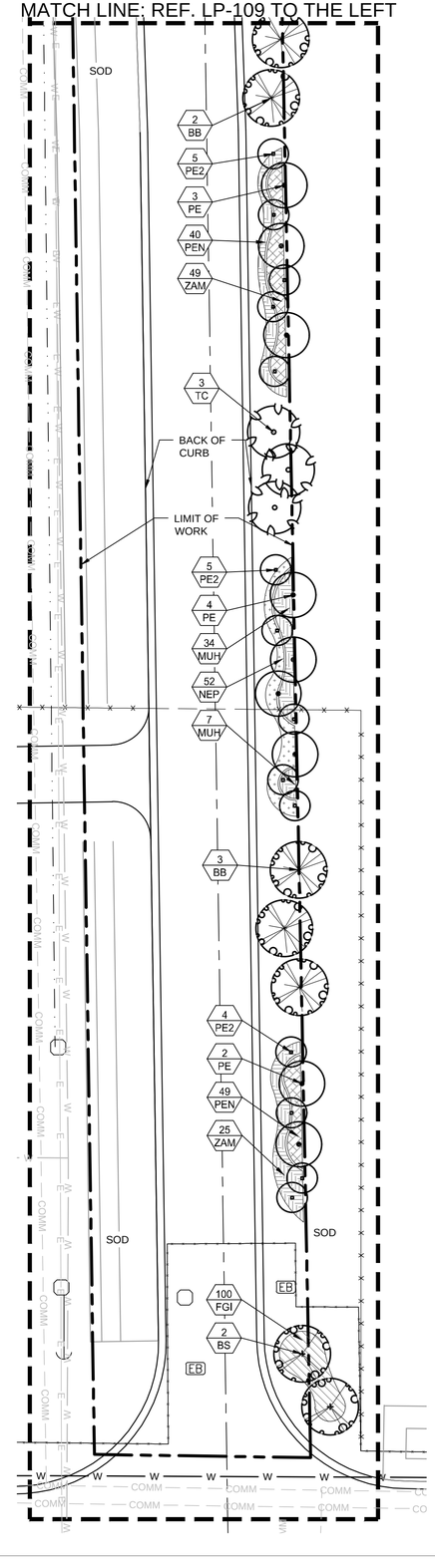
ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-108



PLANT SCHEDULE		
CODE	QTY	BOTANICAL / COMMON NAME
TREES		
BB	9	BUCIDA BUCERAS `SHADY LADY` BLACK OLIVE
BS	8	BURSERA SIMARUBA GUMBO LIMBO
CE	15	CONOCARPUS ERECTUS GREEN BUTTONWOOD
PE2	29	PINUS ELLIOTTI SLASH PINE
PE	20	PINUS ELLIOTTI SLASH PINE
QV	13	QUERCUS VIRGINIANA LIVE OAK
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N

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SCALE: 1" = 20'

NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

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REV			
	BOA SUBMITTAL		
	RP	MP	05/01/24
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CITY OF FORT LAUDERDALE

PROSPECT LAKE CLEAN WATER CENTER (PLCWC)

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THE CORRADINO GROUP

CITY OF FORT LAUDERDALE

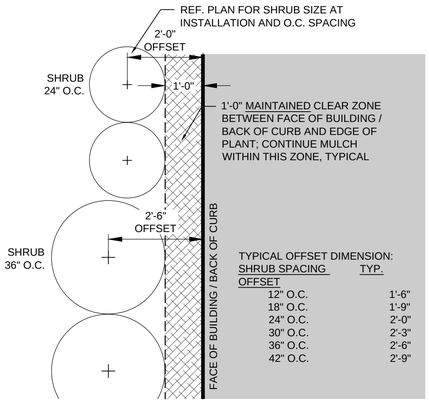
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Pompano Beach, FL 33060
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LANDSCAPE PLAN

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

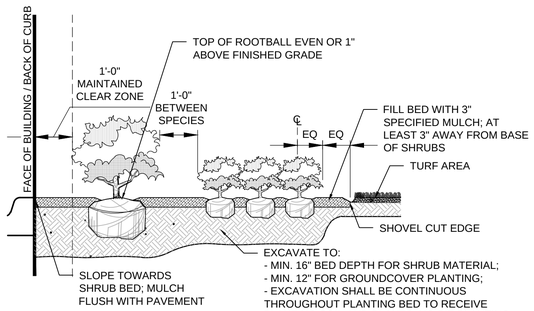
DRAWING NUMBER

LP-109



TYPICAL SHRUB OFFSET AT BUILDING / CURB

8 PLAN NOT TO SCALE

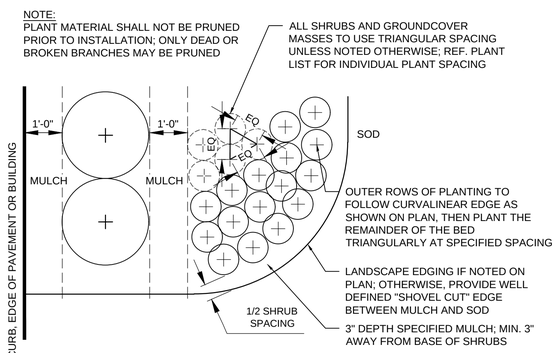


NOTE:
- PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION. AFTER PLANTS HAVE BEEN INSTALLED, EACH PLANT SHALL BE PRUNED FOR UNIFORMITY OR AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING BEDS PRIOR TO INSTALLATION.

SHRUB AND GROUNDCOVER PLANTING

7 SECTION NOT TO SCALE

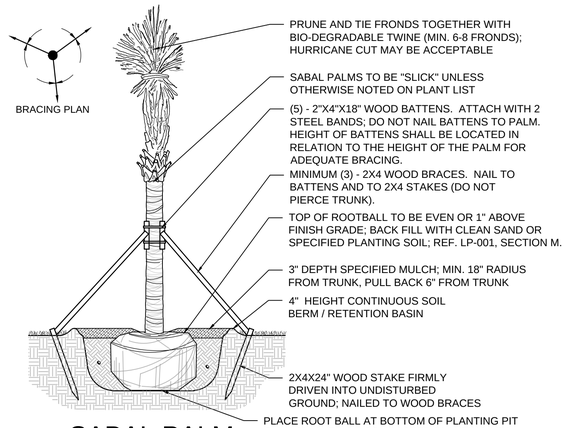
NOTE:
PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION; ONLY DEAD OR BROKEN BRANCHES MAY BE PRUNED



SHRUB AND GROUNDCOVER PLANTING

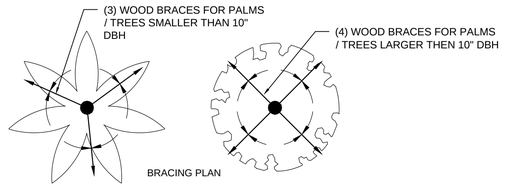
6 PLAN NOT TO SCALE

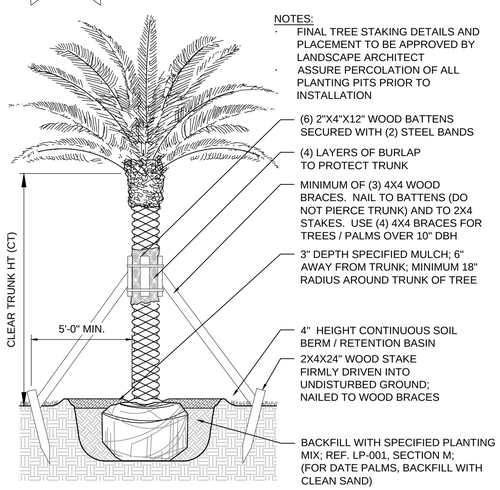
NOTE:
- REF. LP-001, LANDSCAPE NOTES, FOR ADDITIONAL REQUIREMENTS.
- ROOT BALL SIZE FOR ALL TREES AND PALMS TO BE IN PROPORTION TO SIZE AND TYPE OF PALM PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.



SABAL PALM PLANTING DETAIL

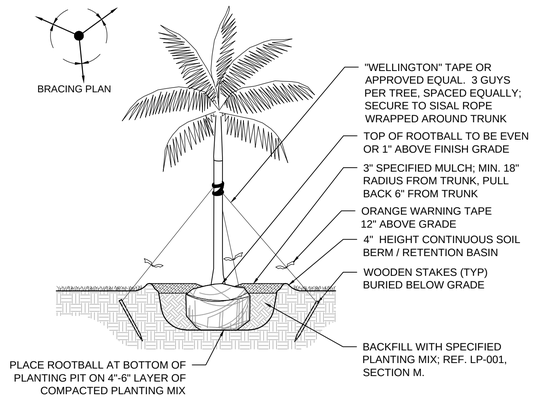
5 SECTION NOT TO SCALE





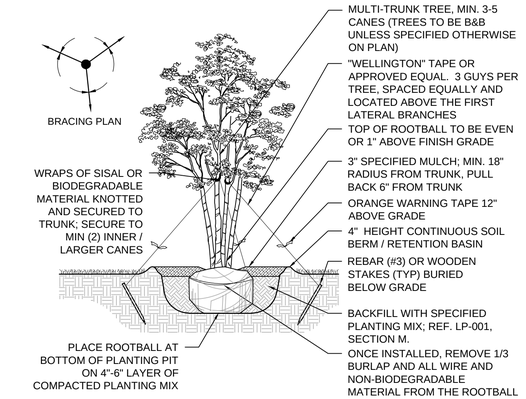
LARGE PALM / TREE PLANTING DETAIL

4 SECTION NOT TO SCALE



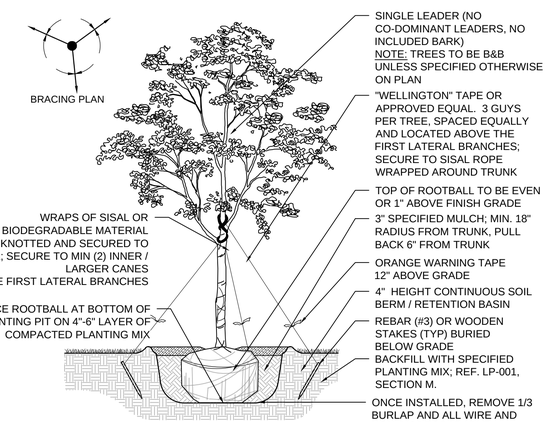
SMALL / MEDIUM TREE PALM PLANTING DETAIL

3 SECTION NOT TO SCALE



MULTI-TRUNK TREE PLANTING DETAIL

2 SECTION NOT TO SCALE



SINGLE TRUNK TREE PLANTING DETAIL

1 SECTION NOT TO SCALE

- PRELIMINARY -
NOT FOR CONSTRUCTION

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LANDSCAPE DETAILS

ENGINEER/DESIGN ORIGINATOR	KG
LEAD ENG	MP
ENG MGR	RP
PROJ MGR	MP

DRAWING NUMBER

LP-501


PRIMUS
N
11/01/2023


N
11/01/2023
PRIMUS LINE


N
11/01/2023


N
11/01/2023


N
11/01/2023


N
11/01/2023


N
11/01/2023

ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
AND PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

PROSPECT LAKE

suarez surveying & mapping, inc.
13350 SW 131st Street, Suite 101, Miami Florida 33186
Tel: 305.285.1791
www.suarezsurveying.com

SURVEYOR'S NOTES:

PROPERTY ADDRESS:
5900 HAWKINS ROAD, FORT LAUDERDALE, FLORIDA 33339

I. SITE INFORMATION:
a) THE PROPERTY IS BEING USED AS A WATER TREATMENT, WELL FIELD STORM WATER DRAINAGE RETENTION AREA.
b) ALL VISIBLE UTILITIES SERVING THE BUILDING/PROPERTY AS SHOWN ON MAP OF SURVEY (IF ANY).
c) PROPERTY HAS ACCESS TO PUBLIC RIGHT-OF-WAY AS A WHOLE; HOWEVER, PARCEL 4 IS LANDLOCKED AS A SINGLE PARCEL. FURTHERMORE, THE PROPERTY IS FENCED IN, THERE ARE GATES THAT ARE UNDER SECURE ACCESS (NOT ACCESSIBLE BY THE GENERAL PUBLIC).
d) NO ZONING CLASSIFICATION PROVIDED TO SURVEYOR BY CLIENT AT TIME OF SURVEY.
e) NO OBSERVED EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS ON THE PROPERTY.
a) NO PROPOSED CHANGES TO STREET RIGHT-OF-WAY LINES KNOWN TO SURVEYOR, HOWEVER, THERE IS RIGHT-OF-WAY CONSTRUCTION ALONG PROSPECT ROAD
a) NO EVIDENCE OF SITE BEING USED AS A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL OBSERVED IN THE PROCESS OF CONDUCTING THE FIELDWORK. HOWEVER, THERE ARE TWO SLUDGE PONDS WHERE WATER TREATMENT BYPRODUCTS ARE RETAINED.
h) NO STRIPED PARKING SPACES FOUND ON SITE, HOWEVER, THERE IS A PARKING AREA SOUTH OF THE STORAGE BUILDING NEAR THE SE CORNER OF THE SITE.
i) NO UNDERGROUND UTILITY MARKINGS FOUND ON THE GROUND AT TIME OF FIELD SURVEY.

II. EASEMENTS, RIGHT OF WAYS AND ENCROACHMENT NOTES:
A. THE LANDS SHOWN HEREON HAVE BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES SUCH AS EASEMENTS, RIGHT-OF WAYS, RESERVATIONS, ETC. A REQUEST WAS MADE TO THE CLIENT TO FURNISH DOCUMENTS AS TO THESE MATTERS. A COPY OF THE TITLE COMMITMENT PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NUMBER 7222-4440116, DATED APRIL 19, 2023, WAS PROVIDED.
THE FOLLOWING EXCEPTIONS ON SCHEDULE B-II OF SAID COMMITMENT WERE REVIEWED BY THE SURVEYOR AND HAVE THE FOLLOWING COMMENTS ON THE TITLE COMMITMENT TABLE SHOWN BELOW:

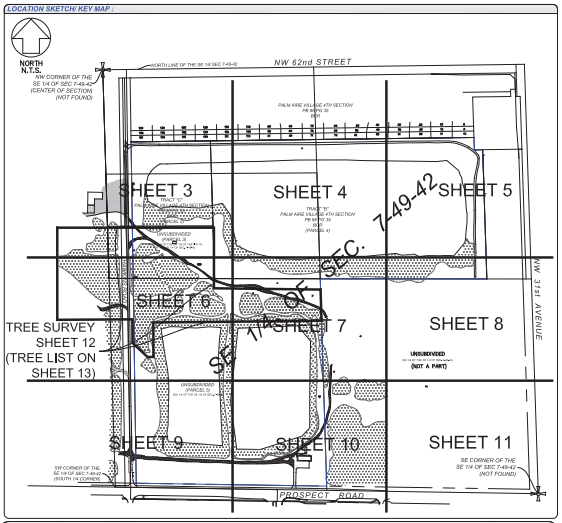
TITLE COMMITMENT TABLE

EXCEPTION #	SURVEYOR'S COMMENTS
1.	DEFECTS, LIENS, ENCUMBRANCES, ADVERSE CLAIMS OR OTHER MATTERS, IF ANY, CREATED, FIRST APPEARING IN THE PUBLIC RECORDS OR ATTACHING SUBSEQUENT TO THE EFFECTIVE DATE BUT PRIOR TO THE DATE THE PROPOSED INSURED ACQUIRES FOR VALUE OF RECORD THE ESTATE OR INTEREST OR MORTGAGE THEREON COVERED BY THIS COMMITMENT. (*ONLY THE EXCEPTIONS LISTED ON THIS TITLE COMMITMENT AND MATTERS ON THIS SURVEY AFFECTING THE PROPERTY ARE KNOWN TO THE SURVEYOR*).
2.	RIGHTS, INTERESTS, OR CLAIMS OF PARTIES IN POSSESSION OF THE LAND NOT SHOWN BY THE PUBLIC RECORDS. (*NO RIGHTS, INTERESTS OR CLAIMS KNOWN TO THE SURVEYOR*).
3.	ANY ENCROACHMENT, ENCUMBRANCE, VIOLATION, VARIATION OR ADVERSE CIRCUMSTANCE AFFECTING THE TITLE THAT WOULD BE DISCLOSED BY AN ACCURATE AND COMPLETE LAND SURVEY OF THE LAND. (*SEE MAP OF SURVEY*)
4.	ANY LIEN, FOR SERVICES, LABOR, OR MATERIALS IN CONNECTION WITH IMPROVEMENTS, REPAIRS OR RENOVATIONS PROVIDED BEFORE, ON, OR AFTER DATE OF POLICY, NOT SHOWN BY THE PUBLIC RECORDS. (*NOT SURVEY RELATED*)
5.	ANY DISPUTE AS TO THE BOUNDARIES CAUSED BY A CHANGE IN THE LOCATION OF ANY WATER BODY WITHIN OR ADJACENT TO THE LAND PRIOR TO DATE OF POLICY, AND ANY ADVERSE CLAIM TO ALL OR PART OF THE LAND THAT IS, AT DATE OF POLICY, OR WAS PREVIOUSLY UNDER WATER. (*NO DISPUTE KNOWN TO THE SURVEYOR*).
6.	TAXES OR SPECIAL ASSESSMENTS NOT SHOWN AS LIENS IN THE PUBLIC RECORDS OR IN THE RECORDS OF THE LOCAL TAX COLLECTING AUTHORITY, AT DATE OF POLICY. (*NOT SURVEY RELATED*)
7.	ANY MINERALS OR MINERAL RIGHTS LEASED, GRANTED OR RETAINED BY CURRENT OR PRIOR OWNERS. (*NOT SURVEY RELATED*)
8.	TAXES AND ASSESSMENTS FOR THE YEAR 2023 AND SUBSEQUENT YEARS, WHICH ARE NOT YET DUE AND PAYABLE. (*NOT SURVEY RELATED*)
9.	TERMS AND CONDITIONS OF ANY EXISTING UNRECORDED LEASE(S), AND ALL RIGHTS OF LESSEE(S) AND ANY PARTIES CLAIMING THROUGH THE LESSEE(S) UNDER THE LEASE(S). (*NOT SURVEY RELATED*)
10.	ANY LOSS OR DAMAGE ARISING FROM A LIEN FOR HOMEOWNER'S ASSOCIATION ASSESSMENTS RECORDED AFTER THE DATE OF THE POLICY, RESULTING FROM THE EFFECT OF FLORIDA STATUTE 720.3085, NOTWITHSTANDING ANY ASSURANCES TO THE CONTRARY IN ANY FLORIDA ENDORSEMENT FORM 9-06 OR FLORIDA ENDORSEMENT FORM 9.2- 06, WHICH MAY BE ATTACHED TO THIS POLICY. (AFFECTS ANY LOAN POLICY(S) ISSUED PURSUANT TO THIS COMMITMENT) (*NOT SURVEY RELATED*)
11.	RESTRICTIONS, DEDICATIONS, CONDITIONS, RESERVATIONS, EASEMENTS AND OTHER MATTERS SHOWN ON THE PLAT OF PALM AIRE VILLAGE 4TH SECTION, AS RECORDED IN PLAT BOOK 96, PAGE(S) 35, BUT DELETING ANY COVENANT, CONDITION OR RESTRICTION INDICATING A PREFERENCE, LIMITATION OR DISCRIMINATION BASED ON RACE, COLOR, RELIGION, SEX, HANDICAP, FAMILIAL STATUS OR NATIONAL ORIGIN TO THE EXTENT SUCH COVENANTS, CONDITIONS OR RESTRICTIONS VIOLATE 42 USC 3604(C). (*LOCKS NOT AFFECT THE PROPERTY, THE EASEMENTS DESCRIBED IN THE LISTED CLR. BOOKS ARE FOR ADJACENT PROPERTIES LYING NORTH AND ADJACENT TO TRACTS B AND C'S OUTSIDE SURVEYED PROPERTY*) (*LOCKS NOT AFFECT*).
12.	DECLARATION OF COVENANTS, CONDITIONS, RESTRICTIONS AND EASEMENTS, RECORDED IN BOOK 7245, PAGE 891; AS AMENDED BY INSTRUMENTS RECORDED IN BOOK 17357, PAGE 371; AND BOOK 44637, PAGE 192; AND AS AFFECTED BY NOTICES OF ASSESSMENT RECORDED IN BOOK 16789, PAGE 705, BOOK 17454, PAGE 779, BOOK 18020, PAGE 910, BOOK 18328, PAGE 69, BOOK 22367, PAGE 356, BOOK 24442, PAGE 847 AND BY-LAWS IN BOOK 60348, PAGE 846 ; BUT DELETING ANY COVENANT, CONDITION OR RESTRICTION INDICATING A PREFERENCE, LIMITATION OR DISCRIMINATION BASED ON RACE, COLOR, RELIGION, SEX, HANDICAP, FAMILIAL STATUS OR NATIONAL ORIGIN TO THE EXTENT SUCH COVENANTS, CONDITIONS OR RESTRICTIONS VIOLATE 42 USC 3604(C). (*LOCKS NOT AFFECT THE PROPERTY, THE EASEMENTS DESCRIBED IN THE LISTED CLR. BOOKS ARE FOR ADJACENT PROPERTIES LYING NORTH AND ADJACENT TO TRACTS B AND C'S OUTSIDE SURVEYED PROPERTY*) (*LOCKS NOT AFFECT*).
13.	SANITARY SEWER AGREEMENT RECORDED IN BOOK 6252, PAGE 239, AS AFFECTED BY THE ADDENDUM TO SEWER AGREEMENT IN BOOK 6362, PAGE 424. SANITARY AGREEMENT. (*BLANKET IN NATURE*) (*NOT PLOTTABLE, AFFECTS PARCEL 3 AND PARCEL 4*).
14.	SANITARY SEWER AGREEMENT RECORDED IN BOOK 7714, PAGE 76. SANITARY SEWER AGREEMENT IS BLANKET IN NATURE. (*LIES OUTSIDE THE PROPERTY*) (*LOCKS NOT AFFECT*).
15.	EASEMENTS RECORDED IN DEED BOOK 382, PAGE 5 & DEED BOOK 385, PAGE 29. (*APPEARS TO BE AN EASEMENT FOR TELEPHONE AND TELEGRAPH, GRB IS NOT LEGIBLE*)
16.	EASEMENT RECORDED IN BOOK 7244, PAGE 186. EASEMENT FOR PUBLIC PURPOSE, BLANKET IN NATURE AND NOT PLOTTABLE. (*AFFECTS PARCEL 2 AND PARCEL 4*) (*PB 96 PG 35 MOOP*)
17.	EASEMENT RECORDED IN BOOK 7535, PAGE 209. A PERPETUAL NON-EXCLUSIVE INGRESS AND EGRESS EASEMENT FOR PURPOSES OF INSTALLATION, MAINTENANCE, AND REPLACEMENT OF DRAINAGE SYSTEMS. (*AFFECTS THE PROPERTY AND IS PLOTTED. SEE MAP OF SURVEY*).
18.	EASEMENT RECORDED IN BOOK 7535, PAGE 221; AS AMENDED IN BOOK 7577, PAGE 21. (*AFFECTS THE PROPERTY, PLOTTED. SEE MAP OF SURVEY*)
19.	EASEMENT RECORDED IN BOOK 8256, PAGE 398. FPL EASEMENT AFFECTS PROPERTY, PLOTTED.
20.	OIL, GAS AND MINERAL RESERVATIONS CONTAINED IN DEED RECORDED IN DEED BOOK 470, PAGE 290. THE RIGHT OF ENTRY UNDER SAID RESERVATIONS HAS BEEN RELEASED OR IS BARRED BY MRTA. (*NOT SURVEY RELATED*)
21.	RESERVATIONS CONTAINED IN DEED FROM BOARD OF COMMISSIONERS OF EVERGLADES DRAINAGE DISTRICT, FILED IN DEED BOOK 470, PAGE 290. (*NOT SURVEY RELATED*)
22.	OIL, GAS AND MINERAL RESERVATIONS CONTAINED IN DEED RECORDED IN DEED BOOK 470, PAGE 332. THE RIGHT OF ENTRY UNDER SAID RESERVATIONS HAS BEEN RELEASED OR IS BARRED BY MRTA. (*NOT SURVEY RELATED*)
23.	RESERVATIONS CONTAINED IN DEED FROM BOARD OF COMMISSIONERS OF EVERGLADES DRAINAGE DISTRICT, FILED IN DEED BOOK 470, PAGE 332, AS AFFECTED BY OFFICIAL RECORDS BOOK 10390, PAGE 228. (*NOT PLOTTABLE, BLANKET IN NATURE, AFFECTS PARCEL 2 AND PARCEL 4*)
24.	OIL, GAS AND MINERAL RESERVATIONS CONTAINED IN DEED RECORDED IN DEED BOOK 470, PAGE 394. THE RIGHT OF ENTRY UNDER SAID RESERVATIONS HAS BEEN RELEASED OR IS BARRED BY MRTA. (*NOT SURVEY RELATED*)
25.	RESERVATIONS CONTAINED IN DEED FROM BOARD OF COMMISSIONERS OF EVERGLADES DRAINAGE DISTRICT, FILED IN DEED BOOK 470, PAGE 394. (*NOT SURVEY RELATED*)
26.	OIL, GAS AND MINERAL RESERVATIONS CONTAINED IN DEED RECORDED IN DEED BOOK 493, PAGE 495. THE RIGHT OF ENTRY UNDER SAID RESERVATIONS HAS BEEN RELEASED OR IS BARRED BY MRTA. (*NOT SURVEY RELATED*)
27.	RESERVATIONS CONTAINED IN DEED FROM BOARD OF COMMISSIONERS OF EVERGLADES DRAINAGE DISTRICT, FILED IN DEED BOOK 493, PAGE 495. (*NOT SURVEY RELATED*)
28.	ORDINANCE NO. C-72-22 AS RECORDED IN BOOK 4855, PAGE 201, ANNEXING LANDS TO THE CITY OF FORT LAUDERDALE, FLORIDA. (*NOT SURVEY RELATED*)
29.	ORDINANCE NO. C-74-34 AS RECORDED IN BOOK 5743, PAGE 376, ANNEXING LANDS TO THE CITY OF FORT LAUDERDALE, FLORIDA. (NOT SURVEY RELATED)
30.	ANY RIGHTS, EASEMENTS, INTERESTS OR CLAIMS WHICH MAY EXIST OR ARISE BY REASON OF THE WELLFIELD, PUMPING STATIONS, OR WELLS LOCATED WITHIN THE BOUNDARY OF THE LANDS DESCRIBED IN SCHEDULE "A", INCLUDING BUT NOT LIMITED TO ANY ACTIVE MONITORING STATIONS. (*SEE MAP OF SURVEY FOR LOCATION OF WELLS*)
31.	ANY RIGHTS, EASEMENTS, INTERESTS OR CLAIMS WHICH MAY EXIST OR ARISE BY REASON OF THE POWER LINES LOCATED WITHIN THE BOUNDARY OF THE LANDS DESCRIBED IN SCHEDULE "A". (*SEE MAP OF SURVEY FOR LOCATION OF POWER LINES*)
32.	RIGHTS OF THE PUBLIC IN AND TO ANY ROADS AND TRAIL ROADS CROSSING CAPTIONED PROPERTY. (*SEE MAP OF SURVEY FOR TRAILS AND ROADS*)
33.	TITLE TO ANY PORTION OF THE SUBJECT PROPERTY, IF ANY, LYING WITHIN ANY ROAD RIGHT OF WAY IS NEITHER GUARANTEED NOR INSURED. (*SEE MAP OF SURVEY FOR LOCATION OF RIGHT-OF-WAYS*)
34.	PARCELS 2, 3 & 4, DESCRIBED HEREIN ON EXHIBIT A, MAY ONLY HAVE ACCESS OVER AND ACROSS PARCEL 5, DESCRIBED HEREIN ON EXHIBIT A. (*SEE MAP OF SURVEY*).
35.	RESERVATIONS AS SET FORTH IN THE DEED RECORDED IN BOOK ____ PAGE ____ (THE DEED TO BE INSURED HEREIN) (*NOT SURVEY RELATED*)
36.	ANY ADVERSE OWNERSHIP CLAIM BY THE STATE OF FLORIDA BY RIGHT OF SOVEREIGNTY TO ANY PART OF THE LAND THAT IS, AS OF THE DATE OF POLICY OR WAS AT ANY TIME PREVIOUSLY, UNDER WATER (SUBMERGED). (*NO ADVERSE CLAIM BY THE STATE OF FLORIDA KNOWN TO THE SURVEYOR*).

a) NO OFF-SITE EASEMENT PROVIDED TO SURVEYOR.
b) ENCROACHMENTS:
1. BOUNDARY ENCROACHMENTS:
SEE MAP OF SURVEY FOR ENCROACHMENTS, IF ANY.

III GENERAL SURVEYOR NOTES:
1. ELEVATIONS WHEN SHOWN REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. NO ATTEMPT WAS MADE TO LOCATE FOOTINGS/FOUNDATIONS, OR UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED.
3. THE LANDS SHOWN HEREON HAVE BEEN ABSTRACTED IN REGARDS TO MATTERS OF INTEREST BY OTHER PARTIES, SUCH AS EASEMENTS, RIGHTS OF WAYS, RESERVATIONS, ETC.
4. THIS SURVEY WAS PREPARED FOR AND CERTIFIED TO THE PARTY(IES) INDICATED HEREON AND IS NOT TRANSFERABLE OR ASSIGNABLE.
5. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
6. IMPROVEMENTS SHOWN HAVE BEEN MEASURED TO THE NEAREST 10TH OF A FOOT. TIES SHOWN HAVE BEEN MEASURED TO THE NEAREST 100TH OF A FOOT. ELEVATIONS WHEN SHOWN HAVE BEEN MEASURED TO NEAREST 100TH OF A FOOT ON HARD SURFACES AND NEAREST TENTH OF A FOOT FOR GROUND OR SOD SURFACES.
7. ALL BOUNDARY LINE INDICATORS SET ARE STAMPED LB# 7104.
8. THE BOUNDARY LIMITS ESTABLISHED ON THIS SURVEY ARE BASED ON THE LEGAL DESCRIPTION PROVIDED BY CLIENT OR ITS REPRESENTATIVE.
9. FENCE OWNERSHIP NOT DETERMINED.
10. BEARINGS WHEN SHOWN ARE TO AN ASSUMED MERIDIAN AND BASED ON PLAT. THE NORTH LINE OF TRACT "B" BEARS N 89°37'20" E.
11. TYPE OF SURVEY: BOUNDARY SURVEY (ALTA/NSPS)
12. THE SURVEYED PROPERTY IS THE SAME AS THE PROPERTY DESCRIBED IN TITLE COMMITMENT.
13. THE SURVEYOR IS NOT A CERTIFIED ARBORIST, TREES ARE IDENTIFIED BY COMMON NAME TO THE BEST OF THE SURVEYOR'S ABILITY. A CERTIFIED ARBORIST SHOULD BE CONSULTED TO DETERMINE SCIENTIFIC NAME, TREE SUB-SPECIES IF ANY AND TREE CONDITIONS.

LOCATION SKETCH/ KEY MAP :



REVISIONS:

11/28/2023 – REVISED PROPERTY ADDRESS ONLY (NO FIELDWORK)
08/22/2023 – ADDITIONAL TREES IN SPECIFIED AREAS ONLY – JOB# 230837406
07/28/2023 – ADDED CONSTRUCTION TRAILER AREA – JOB# 230737297
07/21/2023 – ADDITIONAL TREES IN SPECIFIED AREAS ONLY – JOB# 230737276

DOCUMENT LIST: (DOCUMENTS REVIEWED)

DOCUMENT NAME	DOCUMENT ID	RECORDED DATE
TITLE COMMITMENT (FIRST AMERICAN TITLE INSURANCE COMPANY	COMMITMENT # 7222-4440116, SCHEDULE B, PART 2	04/19/2023
SURVEY OF SECTION 7-49-42	FB 20 PG 27 BCR	08/07/1927
RIGHT-OF-WAY MAP	PROJECT S5-189 17	02/08/1949
PROSPECT INDUSTRIAL AND COMMERCIAL PARK PLAT	PB 104 PG 17 BCR	07/19/1979
PROJECT #10098 PROSPECT LAKE RECHARGE FACILITY PLANS (AS-BUILT)	FILE NO. 04-154-73	08/15/2000
BROWARD COUNTY PROPERTY APPRAISER SITE	https://bcpa.net/RecSearch.asp?Record=Search	06/15/2023
FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP	STATE ROAD NO. 7 & 869	07/26/1972
MAP OF SPECIFIC PURPOSE SURVEY BY SUAREZ SURVEYING AND MAPPING, INC.	JOB #230730175	06/15/2023
PALM BEACH FARMS PLAT	PB 2 PG 54 PBC	04/26/1913
P-3-8 PLAT	PB 159 PG 4 BCR	05/01/1981

LEGAL DESCRIPTION:

PARCEL 2:

TRACT "C", OF PALM AIRE VILLAGE 4TH SECTION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 96, PAGE(S) 35 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, AS LIES EAST OF HAWKINS ROAD A/K/A NW 30TH AVENUE.

LESS AND EXCEPT ANY PART OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 6411, PAGE 294.

PARCEL 3:

A PORTION OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST, LYING AND BEING IN BROWARD COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE SOUTH HALF (S 1/2) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST, LYING EAST OF "PALM BEACH FARMS", RECORDED IN PLAT BOOK 2, PAGE 54 OF THE PUBLIC RECORDS OF PALM BEACH COUNTY, FLORIDA, AS LIES EAST OF HAWKINS ROAD A/K/A NW 30TH AVENUE.

LESS AND EXCEPT ANY PART OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 1743, PAGE 877 AND OFFICIAL RECORDS BOOK 6411, PAGE 294.

PARCEL 4:

TRACT "A", OF PALM AIRE VILLAGE 4TH SECTION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 96, PAGE(S) 35 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

PARCEL 5:

A PORTION OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST; LYING AND BEING IN BROWARD COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST, AS LIES NORTH OF W PROSPECT ROAD A/K/A NW 66TH STREET AND EAST OF HAWKINS ROAD A/K/A NW 30TH AVENUE.

LESS AND EXCEPT ANY PART OF THE LANDS DESCRIBED IN OFFICIAL RECORDS BOOK 1743, PAGE 877.

LEGEND:

ABBREVIATIONS:
SYMBOLS:
SURFACE:
ASPHALT CONCRETE PAVERS BUILDING
GRASS WOOD COVER

BENCHMARK REFERENCES:

BENCHMARK NAME: CITY OF FORT LAUDERDALE BM #72
ELEV(NGVD29): 10.60
ELEV(NAVD88): 8.69
LOCATION:
PROSPECT ROAD ——— FACE CONC. SIDEWALK SOUTH SIDE AND 30' EAST OF C/L NW 35 AVENUE SOUTH.
DESCRIPTION: BM NAIL IN BRASS DISC STAMPED CITY OF FORT LAUDERDALE.

BENCHMARK NAME: CITY OF FORT LAUDERDALE BM #79
ELEV(NGVD29): 10.72
ELEV(NAVD88): 8.81
DESCRIPTION:
BM# NAIL IN BRASS DISC STAMPED CITY OF FORT LAUDERDALE BM #79 878 SW COR CONC SLAB E OF ACCESS RD WEST OF LINE @ ALSO NEXT TO SW 56 CUT IN PVT N END AREA PROSPECT WELLFIELD.

FLOOD ZONE INFORMATION

BASED ON THE FLOOD INSURANCE RATE MAP OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY REVISED ON 08/18/14 AND INDEX MAP REVISED ON 08/18/14 THE GRAPHICALLY DEPICTED LANDS SHOWN ON THIS MAP OF SURVEY IS WITHIN ZONE X, AE AND AH. BASE FLOOD ELEVATION VARIES (SEE MAP OF SURVEY FOR SPECIFIC FLOOD ZONE LOCATION AND ELEVATION) COMMUNITY NAME & NUMBER CITY OF FORT LAUDERDALE 125105 MAP & PANEL NUMBER 12011C0354 SUFFIX H

INDEX:

SHEET #	SHEET TITLE
1.	COVER PAGE
2.	BOUNDARY SURVEY
3.	TOPOGRAPHIC SURVEY
4.	TOPOGRAPHIC SURVEY
5.	TOPOGRAPHIC SURVEY
6.	TOPOGRAPHIC SURVEY
7.	TOPOGRAPHIC SURVEY
8.	TOPOGRAPHIC SURVEY
9.	TOPOGRAPHIC SURVEY
10.	TOPOGRAPHIC SURVEY
11.	TOPOGRAPHIC SURVEY
12.	TREE SURVEY
13.	TREE LISTS

SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS RECENTLY SURVEYED AND DRAWN UNDER MY DIRECTION AND MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA STATE BOARD OF SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 472.027 FLORIDA STATUTES.

—AND—

TO: KEBIT CORPORATION,

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 1,2,3,4,5,6(A),6(B),7(a),7(b)(1),7(c),8,9,11(a),11(b),13,15 AND 17.

THE FIELD WORK WAS COMPLETED ON THE 15th OF JUNE, 2023.
DATE OF PLAT OR MAP: 19th OF JUNE, 2023.

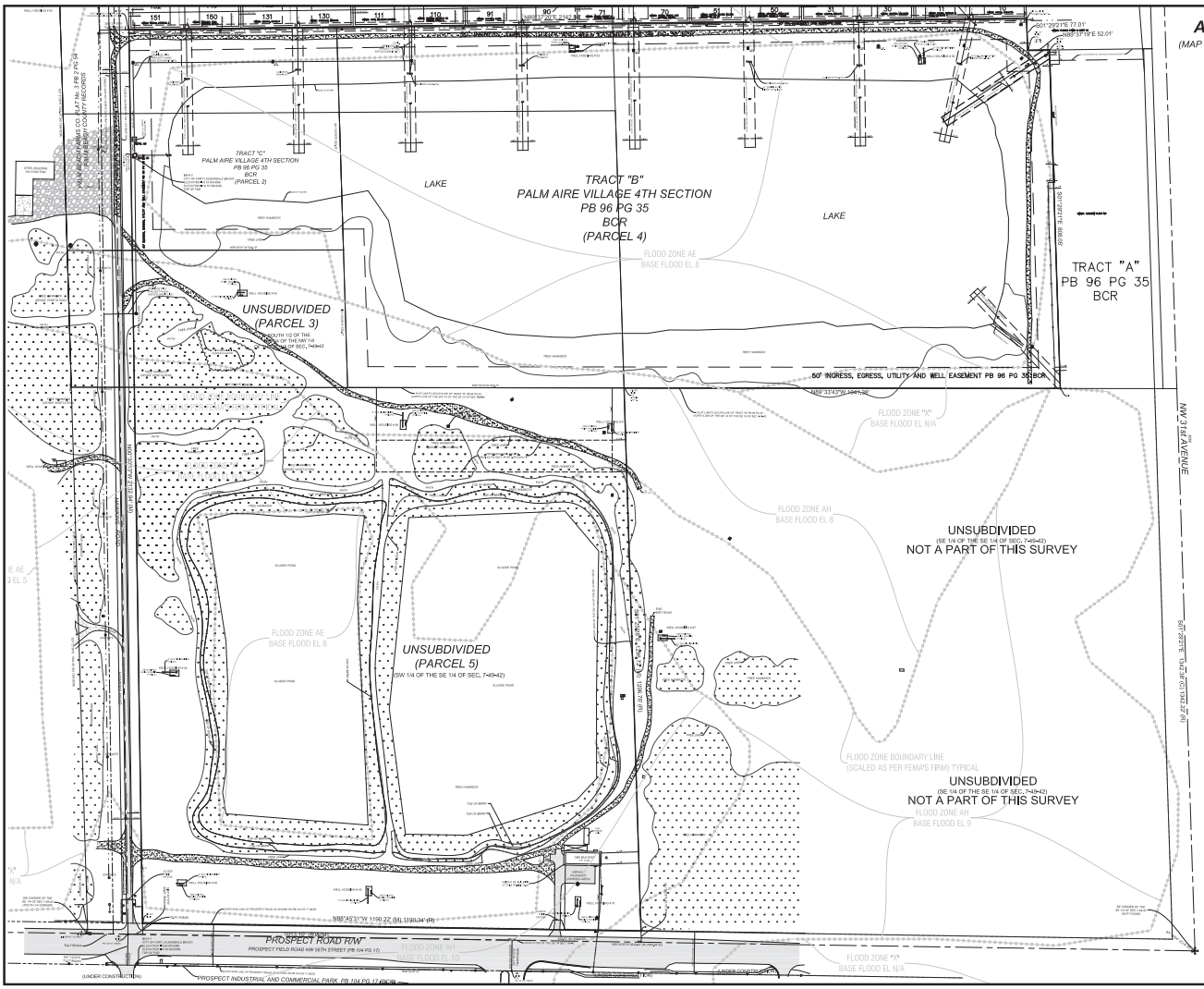
AUTHORIZED COPIES BY THIS SURVEY
ARE NOT VALID WITHOUT THE ORIGINAL
AND EMBOSSED SEAL OF THE ATTESTING
REGISTERED SURVEYOR AND MAPPER

Digitally signed by Juan A. Suarez, License No. LS6220
DN: c=US, st=Florida, l=Miami, ou=Professional Surveyor and Mapper, o=Suarez Surveying & Mapping Inc, cn=Juan A. Suarez, License No. LS6220, email=mail@suarezsurveying.com
Date: 2023.11.28 16:30:56 -05'00'

JUAN A. SUAREZ
PROFESSIONAL SURVEYOR & MAPPER
STATE OF FLORIDA LIC. # 6220

PROJECT:
DATE OF FIELD SURVEY: 06/15/2023
JOB # 230609037
PROJECT NAME: PROSPECT LAKE
CAD FILE(S): PROPECT LAKE
PARTY CHIEF: ESPINOSA
F.B. – PG. –

SHEET 1 OF 13
NOT FULL OR COMPLETE WITHOUT ALL SHEETS



ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

NORTH

GRAPHIC SCALE

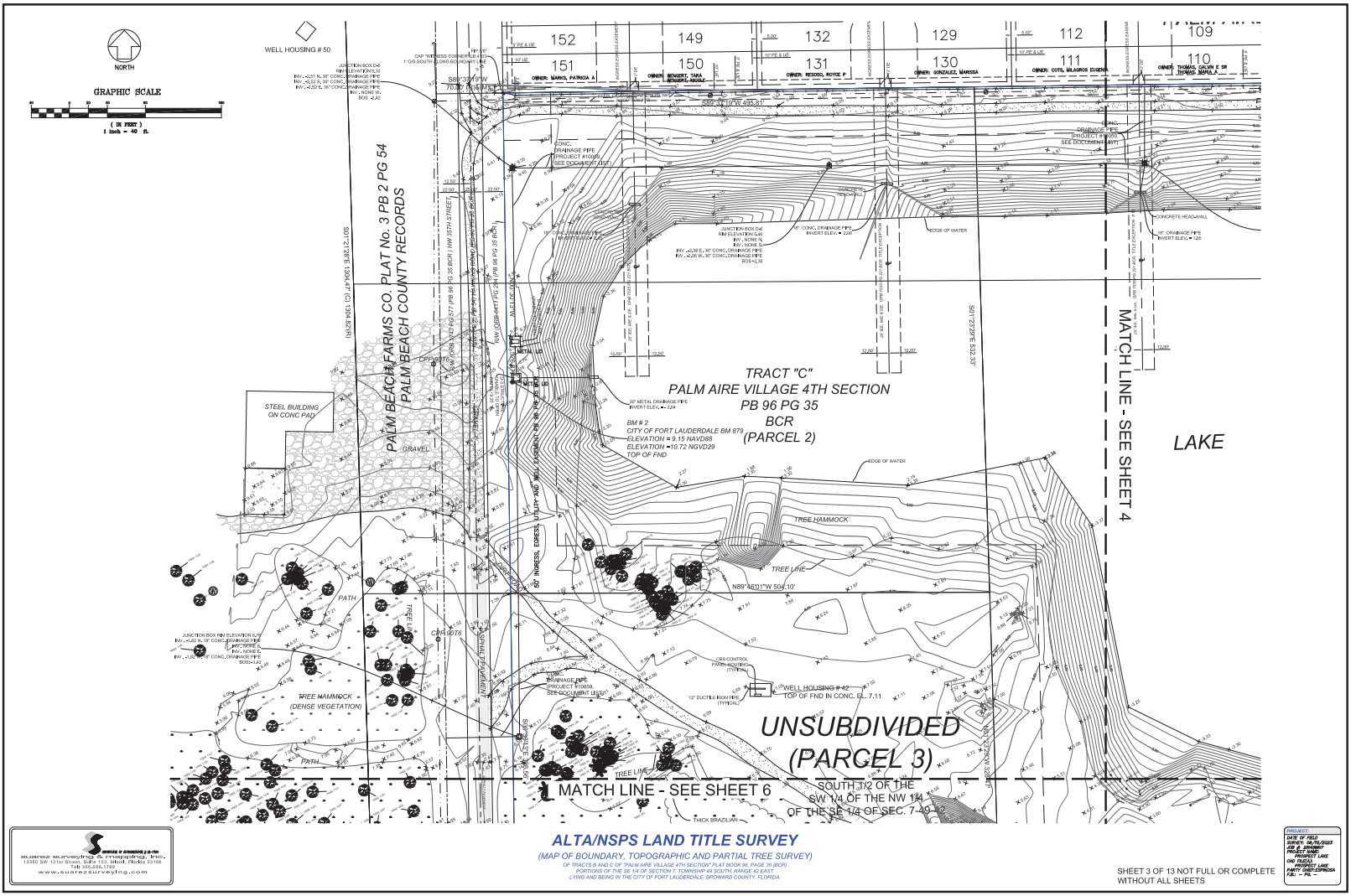
(IN FEET)
1 inch = 100 ft.

SHEET 2 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS

suarez surveying & mapping, inc.
13350 SW 131st Street, Suite 103, Miami, Florida 33186
Tel: 305.296.7799
www.suarezsurveying.com

PROJECT:

DATE OF FIELD SURVEY: 06/26/2023
DRAWN BY: JOSHUA
PROJECT NAME:
PROSPECT LAKE
CAD FILE(S):
PROSPECT LAKE
PARTY CHIEF/SERVICE FILE - PG -



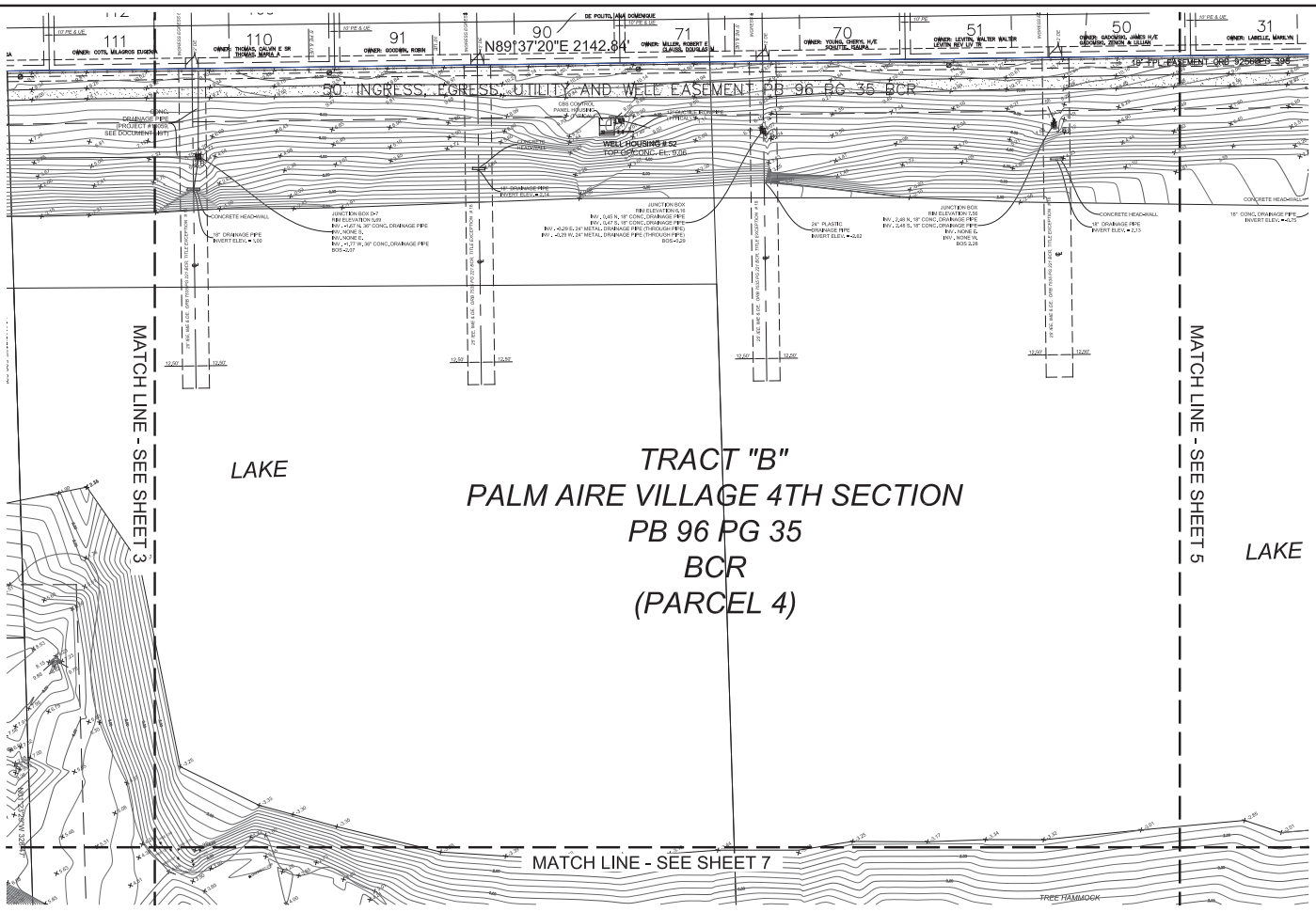
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Tel: 305.595.1709
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ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

SHEET 3 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS



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ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

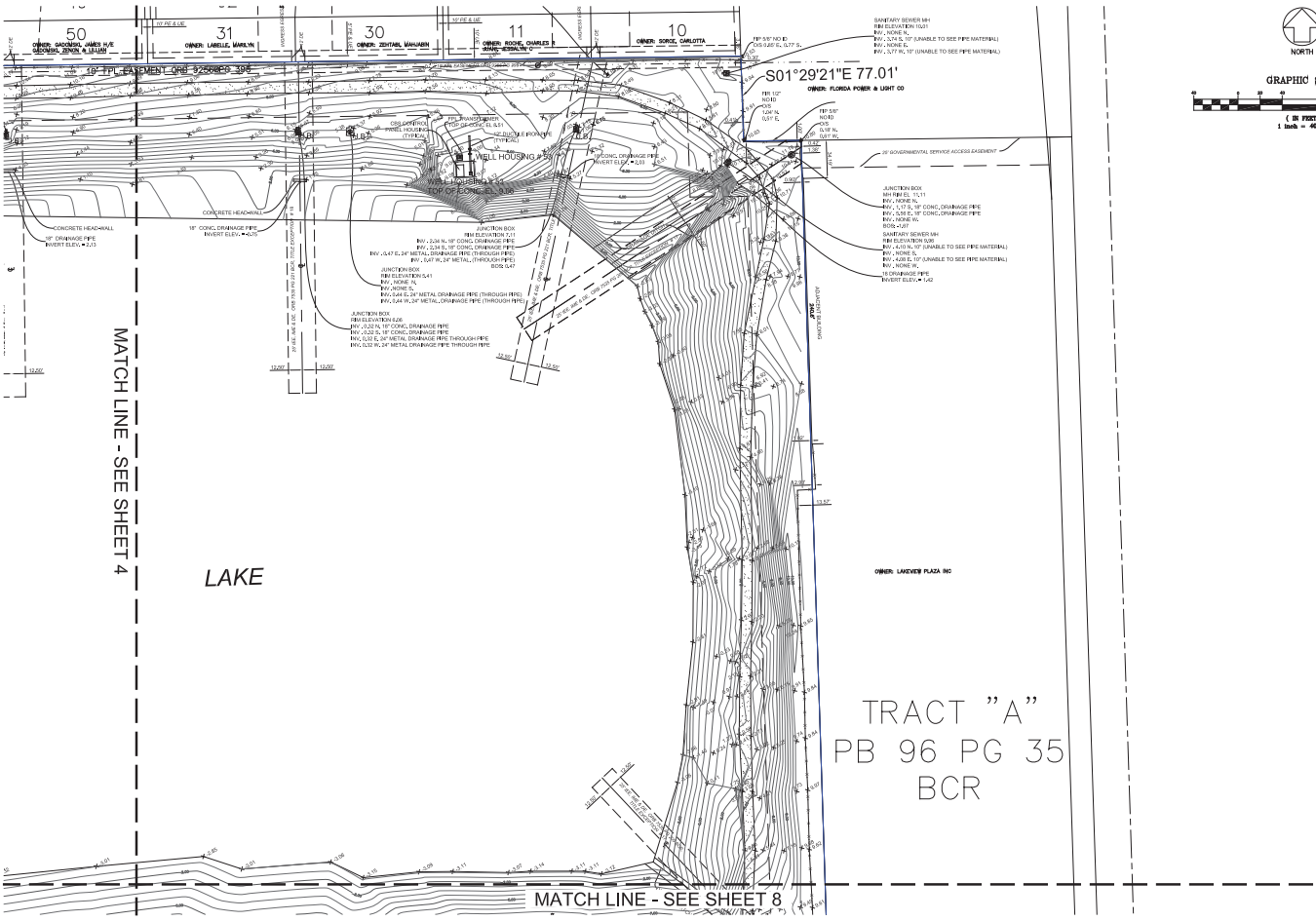
OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

SHEET 4 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS

PROJECT:
DATE OF FIELD SURVEY: 06/16/2023
JOB #: 23040007
PROJECT NAME: PALM AIRE EAST LAKE
CAD FILE(S): PROPERTY LINE
PARTY CHIEF/SUPERVISOR
F.B.: -- PG. --



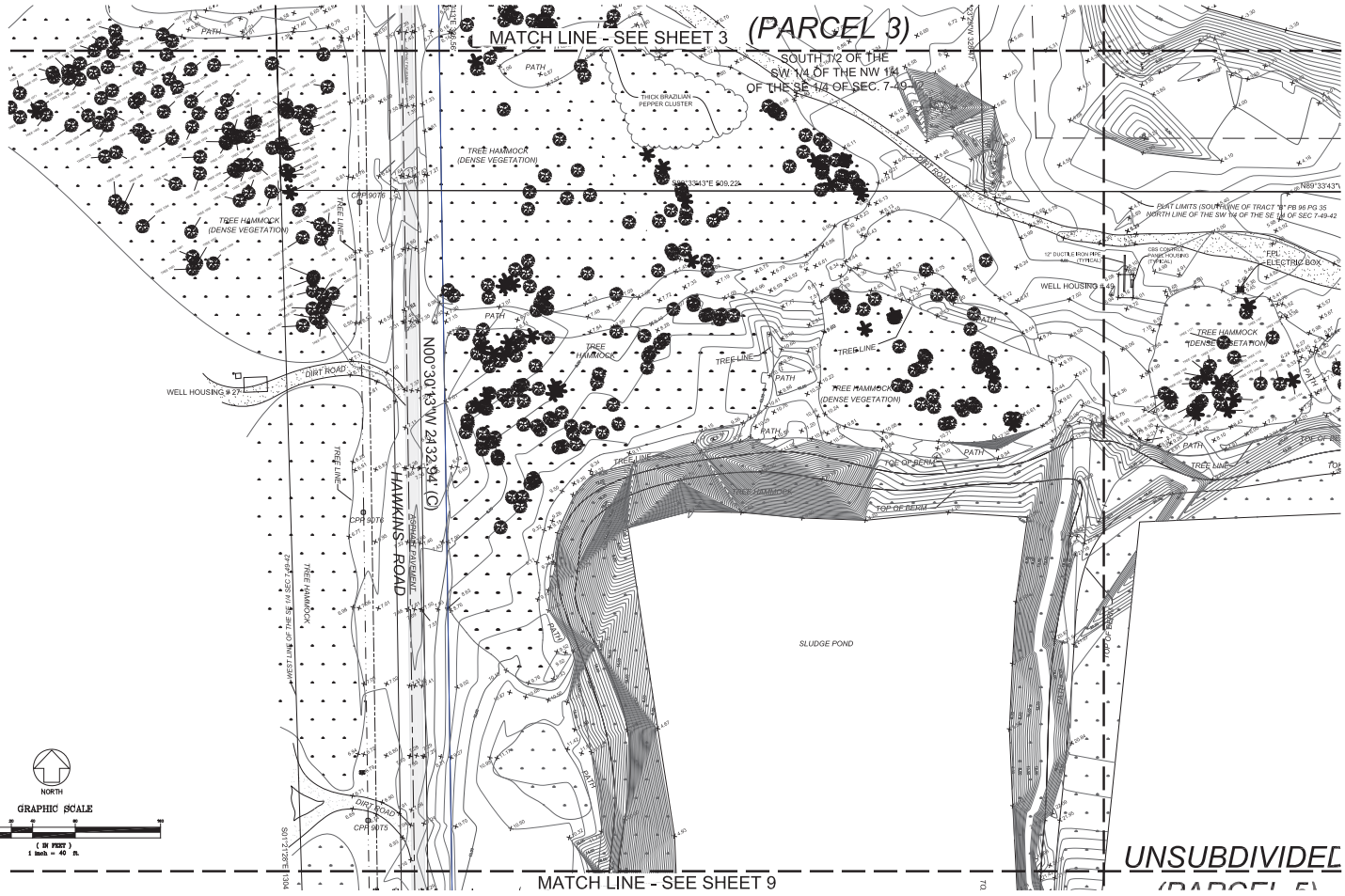
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ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

PROJECT:
DATE OF FIELD SURVEY: 06/15/2023
DRAWN BY: ADRIANA
PROJECT MANAGER: PROSPECT LAKE
CAD FILE(S): PROSPECT LAKE
PARCEL ID: 494207-CSP00004
F.B.: - PG: -



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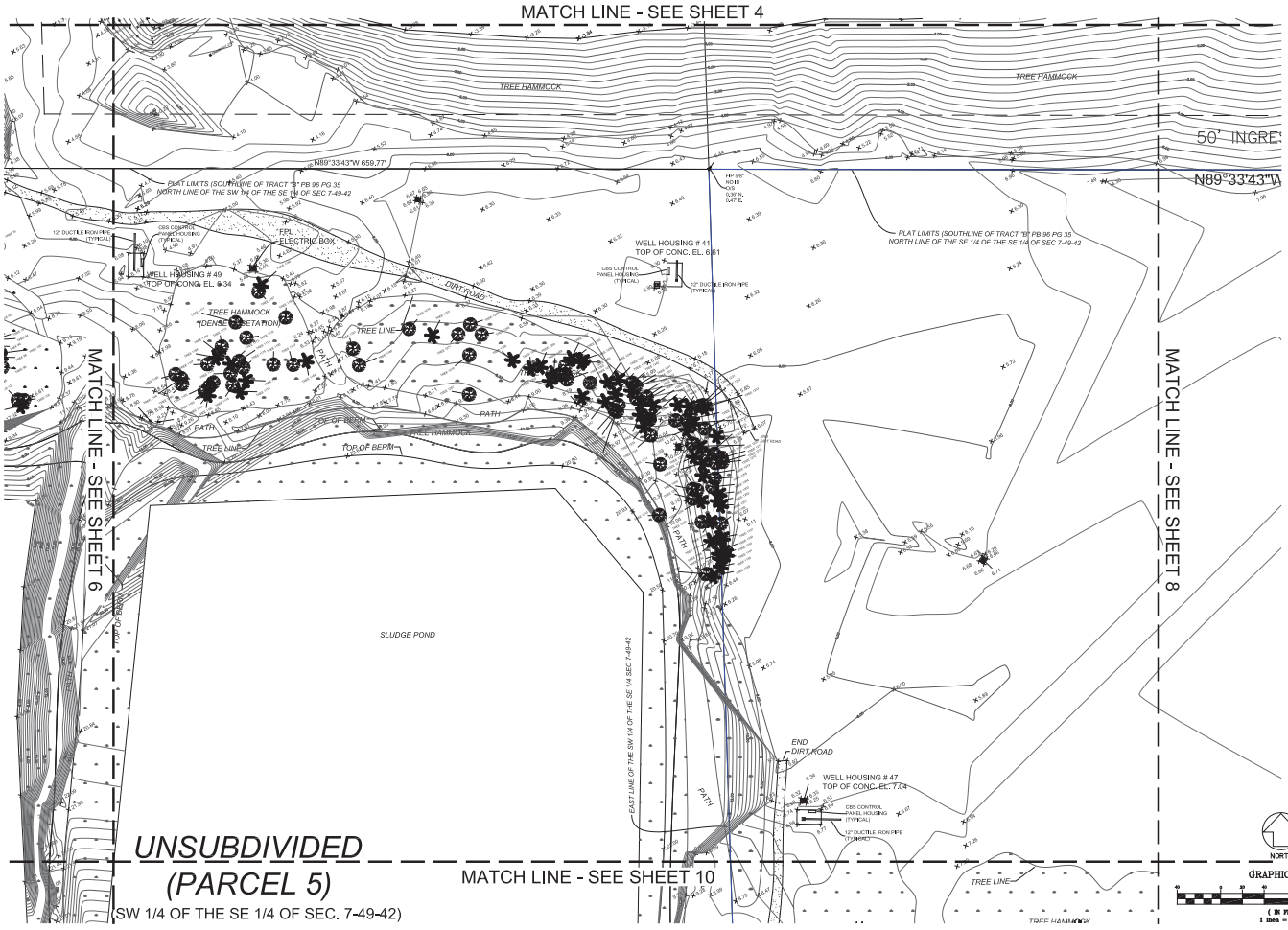
ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM ARE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST.
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

SHEET 6 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS

PROJECT:
DATE OF FIELD SURVEY: 10/15/2015
JOB #: 15-00000
PROJECT NAME: PROSPECT LAKE
CAD FILE(S): PROSPECT LAKE PARTY CHIEF: C.PEROSA
F.B.: - PG: -



UNSUBDIVIDED
(PARCEL 5)

(SW 1/4 OF THE SE 1/4 OF SEC. 7-49-42)

MATCH LINE - SEE SHEET 10

ALTA/NSPS LAND TITLE SURVEY

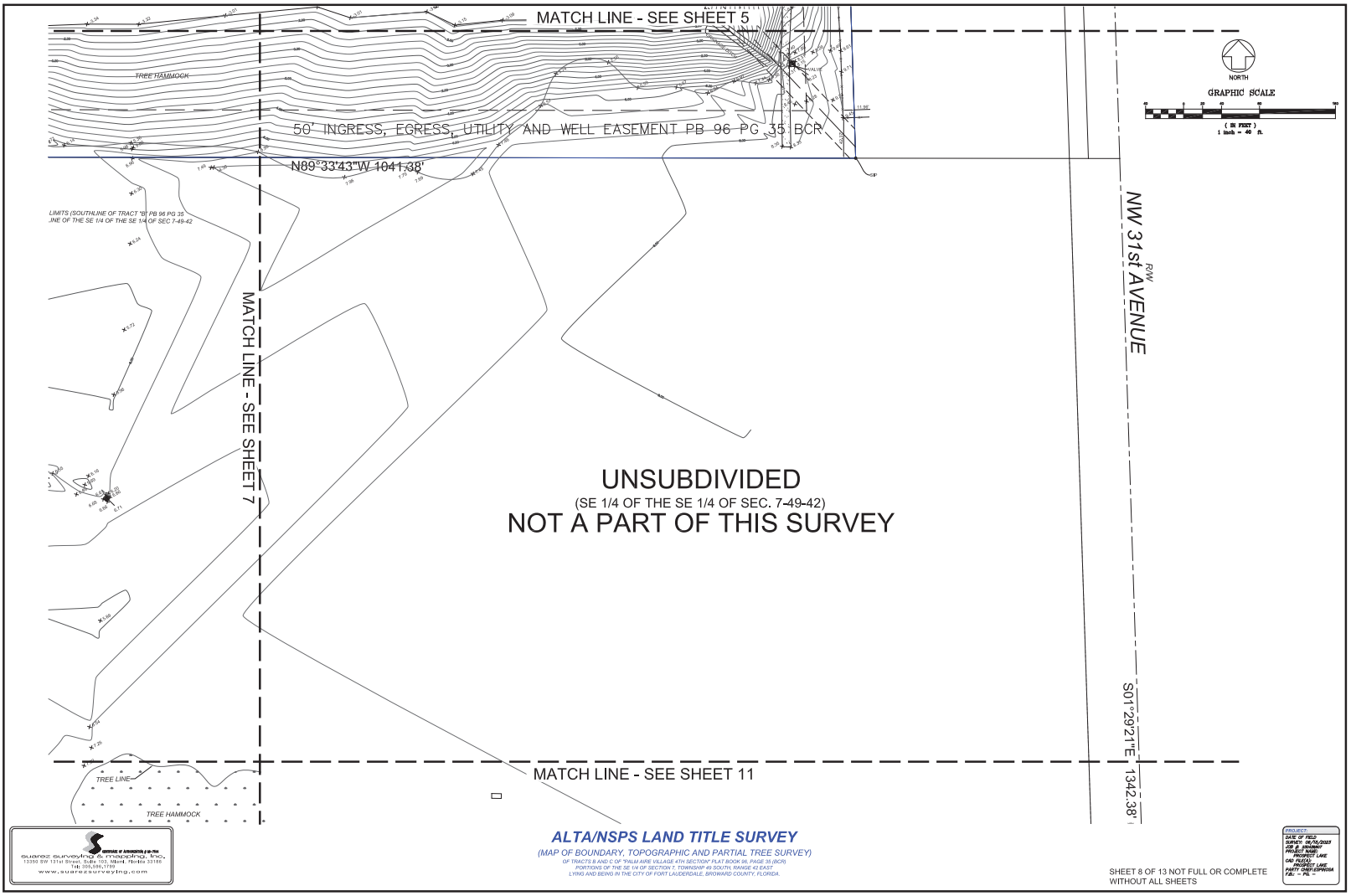
(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

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PROJECT:
DATE OF FIELD SURVEY: 04/15/2023
JOB NO.: 23-0307
JOB SET NUMBER: PROJECT LAKE
CAD FILE(S): PROJECT LAKE
PARTY CHIEF/DRAWN FB/: -- PG: --

SHEET 7 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS



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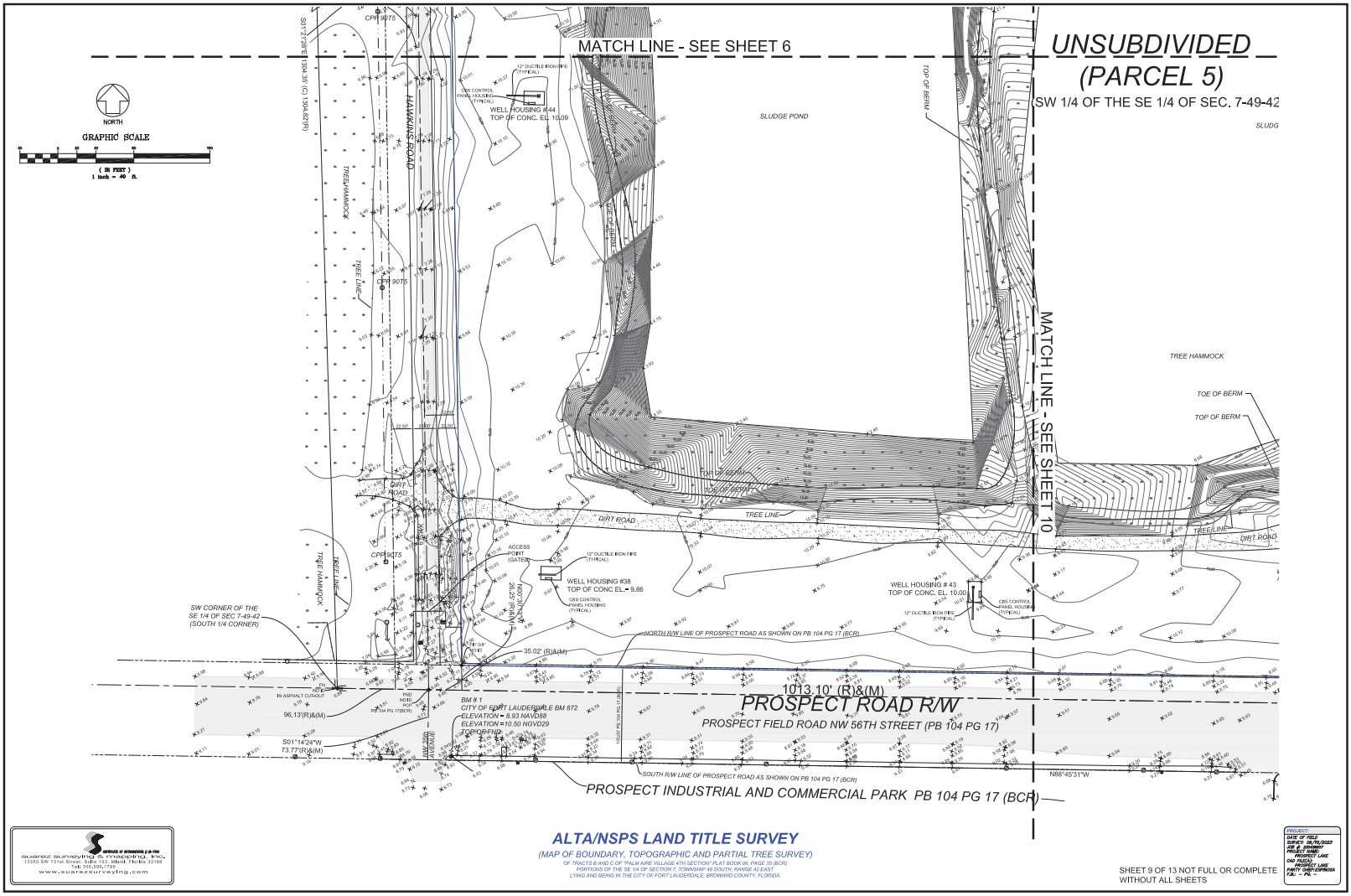
ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

PROJECT
DATE OF FIELD SURVEY: 06/05/2023
SURVEY TYPE: BOUNDARY
PROJECT NAME: PROSPECT LAKE
CAD FILE(S): PROSPECT LAKE
PARTY CHIEF/SUPERVISOR
F.B.: - PG. -

SHEET 8 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS



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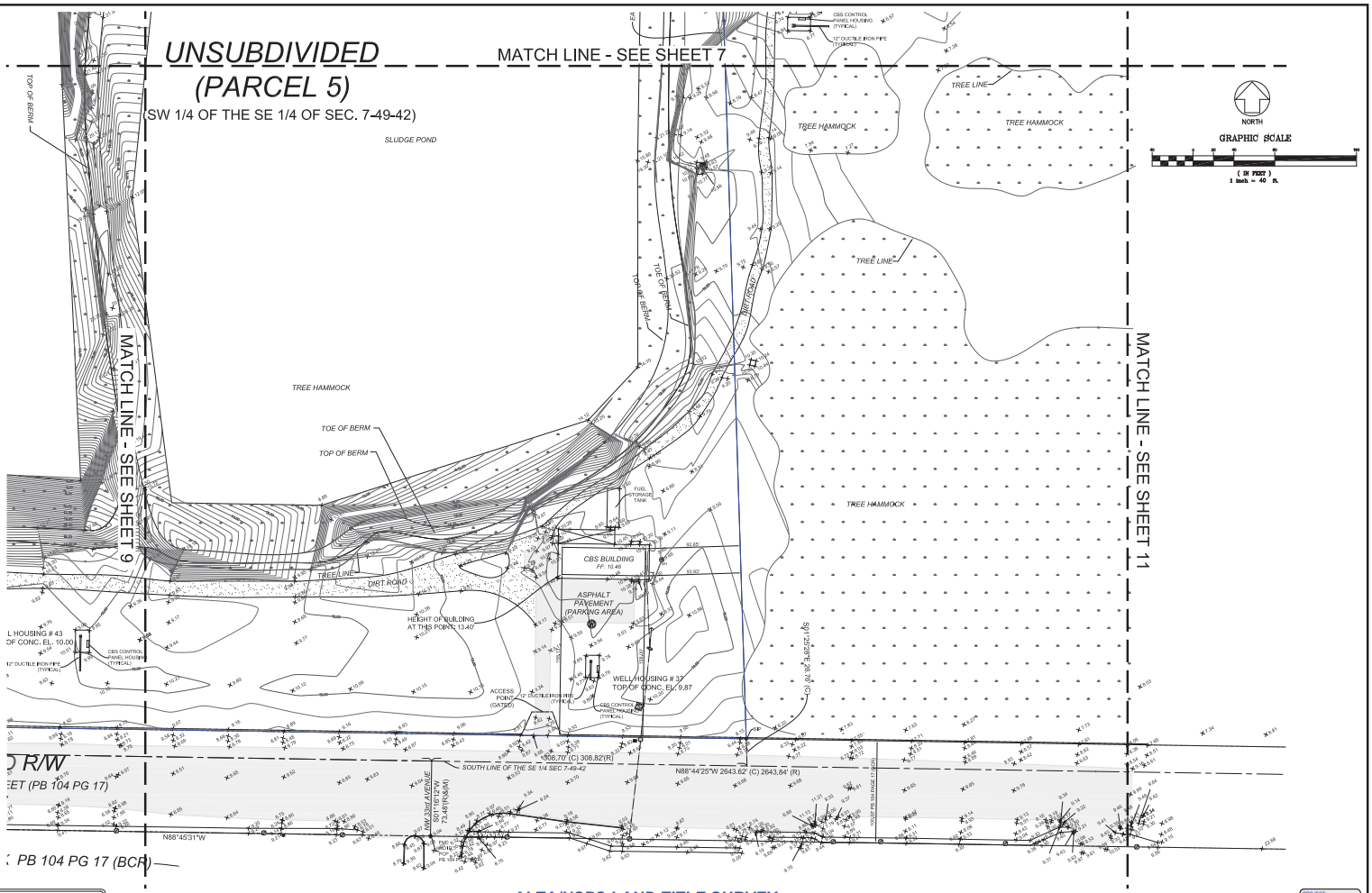
ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS 8 AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

SHEET 9 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS

PROJECT:
DATE OF FIELD SURVEY: 08/15/2023
DRAWN BY: MMC
FIELD BOOK: PROSPECT LANE
CAD FILE(s): PROSPECT LANE
PARTY CHIEF: CS/PM/DM
F.B. - PG. -



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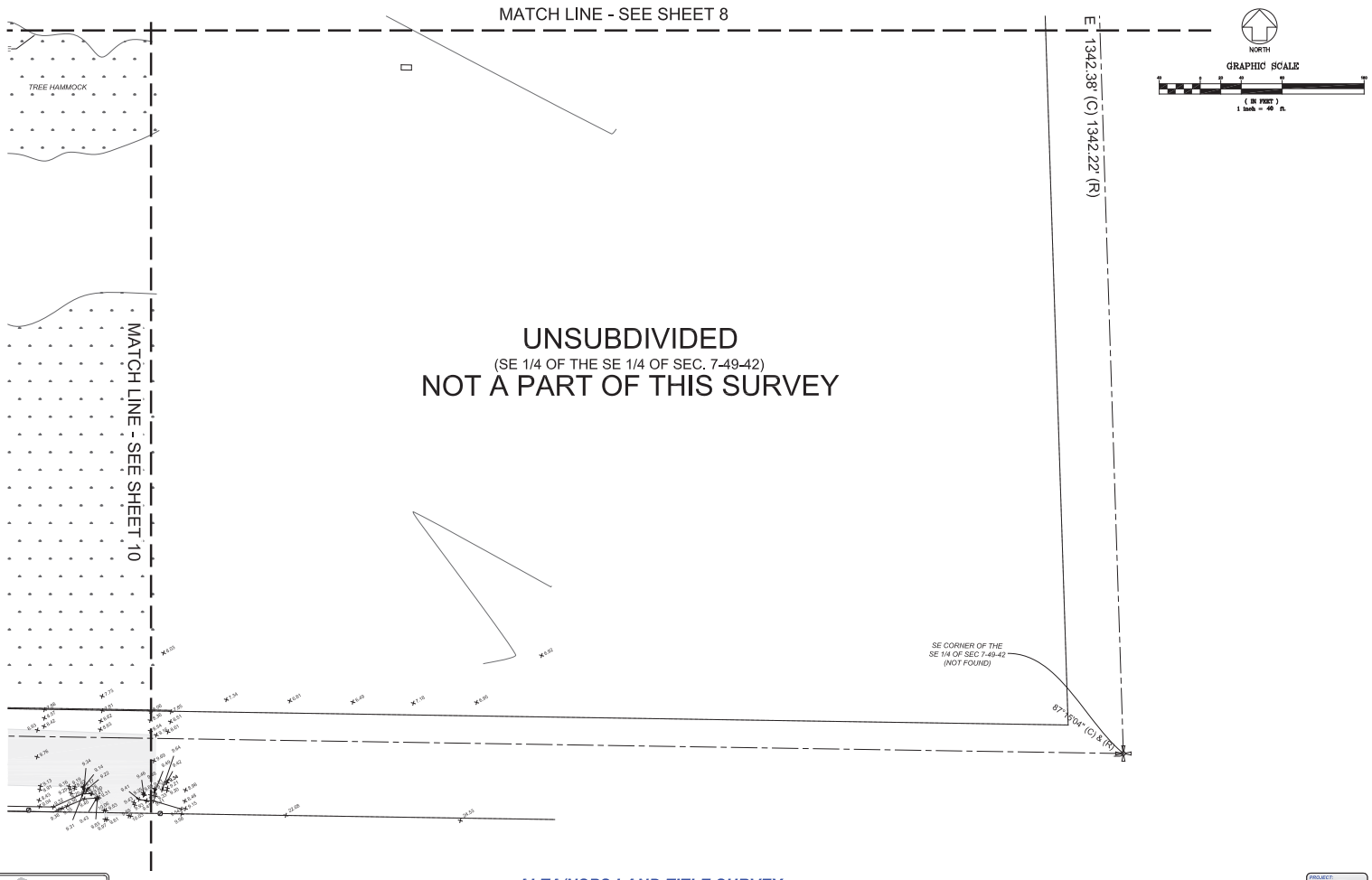
ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

PROJECT
DATE OF FIELD SURVEY: 04/15/2003
JOB NUMBER: 03-4-1
FIELD BOOK: PROJECT LAKE
CAD FILE(S): PROJECT LAKE
PARTY CHIEF: PEDRO
F.B.: -- PG. --

SHEET 10 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS



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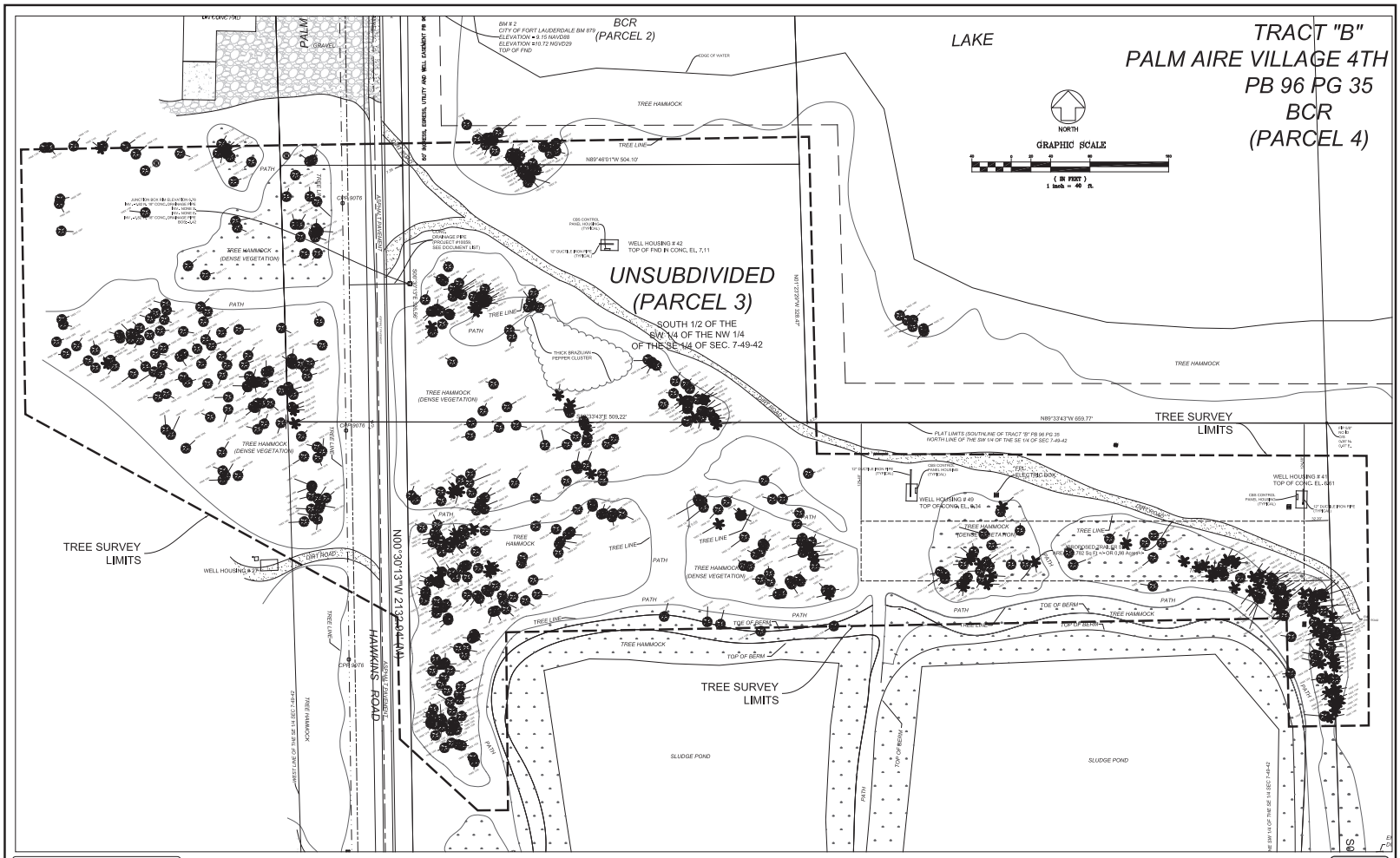
ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

PROJECT:
DATE OF FIELD SURVEY: 06/15/2023
JOB #: 20NA0907
PROJECT NAME: PROSPECT LAKE
CAD FILE NAME: PROSPECT LAKE
PARTY CHIEF:ESPINOSA
F.B.: – PG: –

SHEET 11 OF 13 NOT FULL OR COMPLETE WITHOUT ALL SHEETS



ALTA/NSPS LAND TITLE SURVEY

(MAP OF BOUNDARY, TOPOGRAPHIC AND PARTIAL TREE SURVEY)

OF TRACTS B AND C OF "PALM AIRE VILLAGE 4TH SECTION" PLAT BOOK 96, PAGE 35 (BCR)
PORTIONS OF THE SE 1/4 OF SECTION 7, TOWNSHIP 49 SOUTH, RANGE 42 EAST
LYING AND BEING IN THE CITY OF FORT LAUDERDALE, BROWARD COUNTY, FLORIDA.

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SHEET 12 OF 13 NOT FULL OR COMPLETE
WITHOUT ALL SHEETS

NEWLY LOCATED TREES

TREES LOCATED ON 06/15/22

TREE TABLE

TAG NUMBER	COMMON NAME	DIAMETER (FT)	HEIGHT (FT)	SPREAD (FT)	REMARKS
1	FICUS TREE	0.5	35	35	
2	BRAZILIAN PEPPER	1	40	35	BUSH LIKE TREE
3	CAMELFAIRE	1	35	30	
4	BRAZILIAN PEPPER	2.1	35	40	BUSH LIKE TREE
5	BRAZILIAN PEPPER	1.5	35	40	BUSH LIKE TREE
6	CAMELFAIRE	0.5	30	30	
7	UMBRELLA TREE	0.5	30	40	
8	BRAZILIAN PEPPER	1	35	40	BUSH LIKE TREE
9	FICUS TREE	1	35	35	BUSH LIKE TREE
10	BRAZILIAN PEPPER	1	30	35	BUSH LIKE TREE
11	BRAZILIAN PEPPER	1	30	35	BUSH LIKE TREE
12	BRAZILIAN PEPPER	1	30	40	BUSH LIKE TREE
13	CAMELFAIRE	1	30	40	BUSH LIKE TREE
14	BRAZILIAN PEPPER	4	30	50	BUSH LIKE TREE
15	CAMELFAIRE	0.4	30	30	
16	BRAZILIAN PEPPER	3	30	40	BUSH LIKE TREE
17	CAMELFAIRE	0.3	30	30	
18	FICUS TREE	0.3	12	30	-
19	FICUS TREE	0.3	30	30	-
20	FICUS TREE	0.3	15	8	-
21	FICUS TREE	0.3	15	8	-
22	FICUS TREE	0.5	25	25	-
23	FICUS TREE	0.5	25	25	-
24	CAMELFAIRE	1	35	35	BUSH LIKE TREE
25	BRAZILIAN PEPPER	0.25	20	30	BUSH LIKE TREE
26	BRAZILIAN PEPPER	0.3	20	30	BUSH LIKE TREE
27	BRAZILIAN PEPPER	0.6	20	30	BUSH LIKE TREE
28	BRAZILIAN PEPPER	0.4	15	30	BUSH LIKE TREE
29	BRAZILIAN PEPPER	0.6	15	30	BUSH LIKE TREE
30	BRAZILIAN PEPPER	0.4	15	30	BUSH LIKE TREE
31	BRAZILIAN PEPPER	0.5	15	25	BUSH LIKE TREE
32	BRAZILIAN PEPPER	0.3	15	30	BUSH LIKE TREE
33	BRAZILIAN PEPPER	0.5	4	30	BUSH LIKE TREE
34	BRAZILIAN PEPPER	0.6	15	30	BUSH LIKE TREE
35		

PROSPECT LAKE CLEAN WATER CENTER
FORT LAUDERDALE, FLORIDA

BOA Application Annex A
by Kiewit Water Facilities Florida
MAY 03, 2024

Per the BOA – Applicant Information Sheet, a legal description is required for parcels part of this project. The descriptions are provided below. For more detailed legal descriptions, see the attached surveys.

1. Folio 4942-0700-0100
    a. Legal: 7-49-42 PT OF S1/2 OF SW1/4 OF NW1/4 OF SE1/4 LYING E OF PALM BCH FARMS LESS RD R/W
2. Folio 4942-0700-0110
    a. 7-49-42 SW1/4 OF SE1/4 LESS PT IN PALM BEACH FARMS & LESS RD R/W
3. Folio 4942-0706-1630
    a. PALM-AIRE VILLAGE 4TH SECTION 96-35 B TRACT C
4. Folio 4942-0706-1620
    a. PALM-AIRE VILLAGE 4TH SECTION 96-35 B TRACT B