DEVELOPMENT APPLICATION FORM

Application Form: All Applications | **Rev.** 03/06/2026

INSTRUCTIONS: The following information is required pursuant to the City's Unified Land Development Regulations (ULDR), Section 47-24, Development Permits and Procedures, and must be filled out accurately with all applicable sections completed. Refer to Development Application Guide and Instructions document on overall review process, refer to Specifications for Plan Submittal by application type for submittal requirements, and refer to Public Participation Requirements, all of which are available on the City's website.

Select application type and approval level in **SECTION A** and then complete applicable sections specified under each type.

Applicant must initial acknowledgments and provide signature in **SECTION K** for application to be deemed complete.

A APPLICATION TYPE AND APPROVAL LEVEL

Select the application type from the list below and check the applicable type.

☐ LEVEL I — ADMINISTRATIVE REVIEW COMMITTEE (ADMIN)

- ☐ New Nonresidential less than 5,000 square feet
- ☐ Change of use *(same impact or less than existing use)*
- ☐ Plats
- ☐ Plat Note or Nonvehicular access line (NVAL) amendment
- ☐ Administrative site plan
- ☐ Amendment to site plan
- ☐ Affordable Housing per §166.04151(7) Fla. Stat. *(Live Local Act)*
- ☐ Parking Agreements *(separate from site plans)*

COMPLETE SECTIONS B, C, D, E, F, G or H (for amendments), K

☐ LEVEL II — DEVELOPMENT REVIEW COMMITTEE (DRC)

- ☐ New Nonresidential 5,000 square feet or greater
- ☐ Residential 5 units or more
- ☐ Nonresidential use within 100 feet of residential property
- ☐ Redevelopment proposals
- ☐ Change in use *(if greater impact than existing use)*
- ☐ Development in Regional Activity Centers (RAC)*
- ☐ Development in Uptown Project Area*
- ☐ Regional Activity Center (RAC) Signage
- ☐ Affordable Housing (≥10%)

COMPLETE SECTIONS B, C, D, E, F, G, K

☐ LEVEL III — PLANNING AND ZONING BOARD (PZB)

- ☐ Conditional Use
- ☐ Parking Reduction
- ☐ Flex Allocation
- ☐ Cluster / Zero Lot Line
- ☐ Modification of Yards
- ☐ Waterway Use
- ☐ Mixed-Use Development
- ☐ Community Residences*
- ☐ Social Service Residential Facility (SSRF)
- ☐ Medical Cannabis Dispensing Facility*
- ☐ Community Business District for uses greater than 10,000 square feet
- ☐ GAA/AIP Uses needing PZB Determination

COMPLETE SECTIONS B, C, D, E, F, G, K

☑ LEVEL IV — CITY COMMISSION (CC)

- ☐ Land Use Amendment
- ☐ Rezoning
- ■ Public Purpose Use
- ☐ Central Beach Development of Significant Impact*
- ☐ Vacation of Right-of-Way

City Commission Review*

- ☐ Vacation of Easement

COMPLETE SECTIONS B, C, D, E, F, G, K

☐ MISCELLANEOUS

- ☐ Affordable Workforce Housing Tax Reimbursement
- ☐ Community Residence
- ☐ Construction Noise Waiver
- ☐ Design Review Team (DRT)
- ☐ Development Agreement

COMPLETE SECTIONS B, C, D, E, J, K

☐ EXTENSION OR DEFERRAL

- ☐ Request to defer after an application is scheduled for public hearing
- ■ Request extension to previously approved application *(request must be within original approval date timeframe)*

COMPLETE SECTIONS B, C, E, I, K

☐ APPEAL/DE NOVO

- ■ Appeal decision by approving body and De Novo hearing items

COMPLETE SECTIONS B, C, E, I, K

☐ PROPERTY AND ROW ITEM

- ☐ Road Closures
- ☐ Construction Staging Plan
- ☐ Revocable licenses

COMPLETE SECTIONS B, C, E, K

**Application is subject to specific review and approval process. Levels III and IV are reviewed by Development Review Committee unless otherwise noted.*

B APPLICANT INFORMATION

If applicant is the business operator, complete the agent column and provide property owner authorization.

Applicant/ Property Owner	Florida DJJ (c/o Pamela White)	**Authorized Agent**	John Bridgeman
Address	2737 Centerview Drive	**Address**	4050 Esplanade Way
City, State, Zip	Tallahassee, FL 32399	**City, State, Zip**	Tallahassee, FL 32399
Phone	850-717-2740	**Phone**	850-363-3007
Email	Pamela.White@fldjj.gov	**Email**	John.Bridgeman@dms.fl.gov
Proof of Ownership	Provide Warranty Deed or Tax Record	**Authorization Letter**	Provide Agent Authorization Letter

C PARCEL INFORMATION

Address/General Location	222 NW 22nd Ave
Folio Number(s)	504205380010
Legal Description *(Brief)*	BROWARD REGIONAL JUVENILE DETENTION CENTER 104-32 B PARCEL A
City Commission District	District 3
Civic Association	River Gardens/Sweeting Estates

D LAND USE INFORMATION

Existing Use	County Corrections Facility
Land Use	Community Facilities
Zoning	B-2 - General Business
Proposed *Applications requesting land use amendments and rezonings.*	
Proposed Land Use	
Proposed Zoning	

E PROJECT INFORMATION

Provide project information.

Project Name	Broward County Department of Juvenile Justice Facility
Project Description *(Describe in detail)*	DJJ is proposing to replace it's existing facility located at 222 NW 22nd Ave with a new facility. The existing building will be demolished and a new one constructed.
Estimated Project Cost	$ 38,000,000 *(Estimated total project cost including land costs for all new development applications only)*

F PROJECT DETAILS

Provide project details. Circle yes or no where noted. If item is not applicable, indicate N/A.

Waterway Use	Yes			**Traffic Study Required**	No		
Flex Units	N/A	**Redevelopment Units**	N/A	**Parking Reduction**	No		
Flex Acreage	N/A			**Public Participation**	Yes		
Single Family	N/A			Commercial	54,615		
Townhouses	N/A			Restaurant	N/A		
Multifamily	N/A			Office	N/A		
Cluster/Zero Lot Line	N/A			Industrial	N/A		
Other	N/A			Other	N/A		
Total *(dwelling units)*				**Total** *(square feet)*	54,615		
Residential Unit Mix	Efficiency / Studio: N/A	1- Bedroom: N/A		2-Bedroom: N/A	3-Bedroom or More: N/A		
Affordable Housing Units	N/A	**% of AMI**	N/A				
Affordable Unit Mix	Efficiency / Studio: N/A	1- Bedroom: N/A		2-Bedroom: N/A	3-Bedroom or More: N/A		

G PROJECT DIMENSIONAL STANDARDS

Indicate all required and proposed standards for the project. Circle yes or no where indicated.

	Required Per ULDR	Proposed
Lot Size *(Square feet/acres)*	N/A	N/A
Lot Density *(Units/acres)*	N/A	N/A
Lot Width	N/A	N/A
Building Height *(Feet)*	150'	22'
Structure Length	N/A	458'
Floor Area Ratio *(F.A.R)*	N/A	N/A
Lot Coverage	N/A	N/A
Open Space	N/A	79,964 sf
Landscape Area	N/A	N/A
Parking Spaces	N/A	N/A
SETBACKS *(Indicate direction N,S,E,W)*	**Required Per ULDR**	**Proposed**
Front [____]	5'	348'
Side [____]	0	65' & 91'
Corner / Side [____]	5'	N/A
Rear [____]	0	49'

For projects in Central Beach, Downtown, Northwest, South Andrews, and Uptown Master Plans complete in conjunction with the applicable items above.

Tower Stepback	**Required Per ULDR**	**Proposed**	**Deviation**
Front / Primary Street [____]	N/A	N/A	
Sides / Secondary Street [____]	N/A	N/A	
Building Height	N/A	N/A	
Streetwall Length	N/A	N/A	
Podium Height	N/A	N/A	
Tower Separation	N/A	N/A	
Tower Floorplate *(square feet)*	N/A	N/A	
Residential Unit Size *(minimum)*	N/A	N/A	

H AMENDED PROJECT INFORMATION

Identify each standard being amended for project. Circle yes or no where indicated.

	Original Approval	Proposed Amendment	Brief Reason for Amendment
Residential Uses *(dwelling units)*			
Non-Residential Uses *(square feet)*			
Identify Each Standard Below			
Does this amendment require a revision to the traffic statement or traffic study completed for the project?			
Does this amendment require a revised water sewer capacity letter?			

I EXTENSION, DEFERRAL, APPEAL INFORMATION

Provide information for specific request. Circle approving body and yes or no.

EXTENSION REQUEST	
Approving Body	
Original Approval Date	
Expiration Date *(Permit Submittal Deadline)*	
Expiration Date *(Permit Issuance Deadline)*	
Requested Extension *(No more than 24 months)*	
Code Enforcement *(Applicant Obtain by Code Compliance Division)*	

DEFERRAL REQUEST	
Approving Body	
Scheduled Meeting Date	
Requested Deferral Date	
Previous Deferrals Granted	
Justification Letter Provided	Yes

APPEAL REQUEST / DE NOVO HEARING	
Approving Body	
30 Days from Meeting *(Provide Date)*	
60 Days from Meeting *(Provide Date)*	
Appeal Request	
Indicate Approving Body Appealing	
De Novo Hearing Due to City Commission Call-Up	

J MISCELLANEOUS

Provide information for specific request.

AFFORDABLE HOUSING TAX REIMBURSEMENT*	
As Is Value	$
Date	
Completion Value	$
Date	
Stabilized Value	$
Date	
Acquisition Value	$
Date	

COMMUNITY RESIDENCE	
Residence Type	
Certification	
Length of Stay	
Number of Residents	
Number of Live-in Staff	
Habitable Rooms Gross Floor Area	
DEVELOPMENT REVIEW TEAM (DRT)* *Complete Section F*	

NOISE WAIVER*	
DRC Case Number	
Request Start Date	
Request End Date	
Construction Start Time	
Construction End Time	
Sunday Construction Times	
DEVELOPMENT AGREEMENT* *Complete Section F*	

**Application is subject to specific fees based on hourly rate with minimum amount of: DRT $477, Affordable Housing Tax Reimbursement $2,500, Noise Waiver $954*

CHECKLIST FOR SUBMITTAL AND COMPLETENESS: The following outlines the necessary items for submittal to ensure application is deemed complete. Failure to provide this information will result in your application being deemed **incomplete**.

☑ **Preliminary Development Meeting** completed on the following date: 1/28/26 PROVIDE DATE

☑ **Development Application Form** completed with the applicable information including signatures.

☑ **Proof of Ownership** warranty deed or tax record including corporation documents and SunBiz verification name.

☑ **Address Verification Form** applicant contact Jazmine Eveillard at 954-828-5233 or Jeveillard@fortlauderdale.gov

☑ **Project and Unified Land Development Code Narratives**

- ***Project Description*** in detail the project type, uses, and overall development intent. Provide as much detail as possible including building and site design approach, site elements, architectural style, pedestrian access, enhancements, open space elements, landscape improvements, loading, site access, multi-modal including bicycle and parking.
- ***Unified Land Development Regulations*** the applicable criteria based on application type with point-by-point responses to each criterion stating how the project complies with such. Generally, the following code sections require a narrative; however, the following sections are not inclusive of all criteria.
  - *Section 47-20.3, Parking Reduction*
  - *Section 47-24.3, Conditional Use*
  - *Section 47-25.2, Adequacy Review*
  - *Section 47-25.3, Neighborhood Compatibility*
  - *Section 47-28, Density and Flexibility Rules*
  - *Section 47-23.8, Waterway Use*
  - *Section 47-23.11, Modification of Yards*
  - *Section 47-23.16, Affordable Housing Regulations*
  - *Section 47-24.4, Rezoning*
  - *Section 47-24.6, Vacation of Right-of-way*
- ***Master Plans*** for the applicable master plan, a narrative that states the project design compliance with the goals and design intent of the master plan. Generally, the following master plans require narratives for:
  - *Downtown Master Plan*
  - *Northwest Master Plan*
  - *South Andrews Master Plan*
  - *Uptown Master Plan*

☑ **Traffic Study or Statement** submittal of traffic study or traffic statement completed by a registered professional engineer. A traffic methodology meeting was conducted on the following date: 7/29/26 PROVIDE DATE

- To schedule a methodology meeting with the City's Traffic Engineer representative, contact Benjamin Restrepo at (954) 828-4696 or email at brestrepo@fortlauderdale.gov

☑ **Electronic Files, File Naming, and Documents** consistent with the applicable specifications for application type, consistent with the online submittal requirements including file naming convention for LauderBuild.

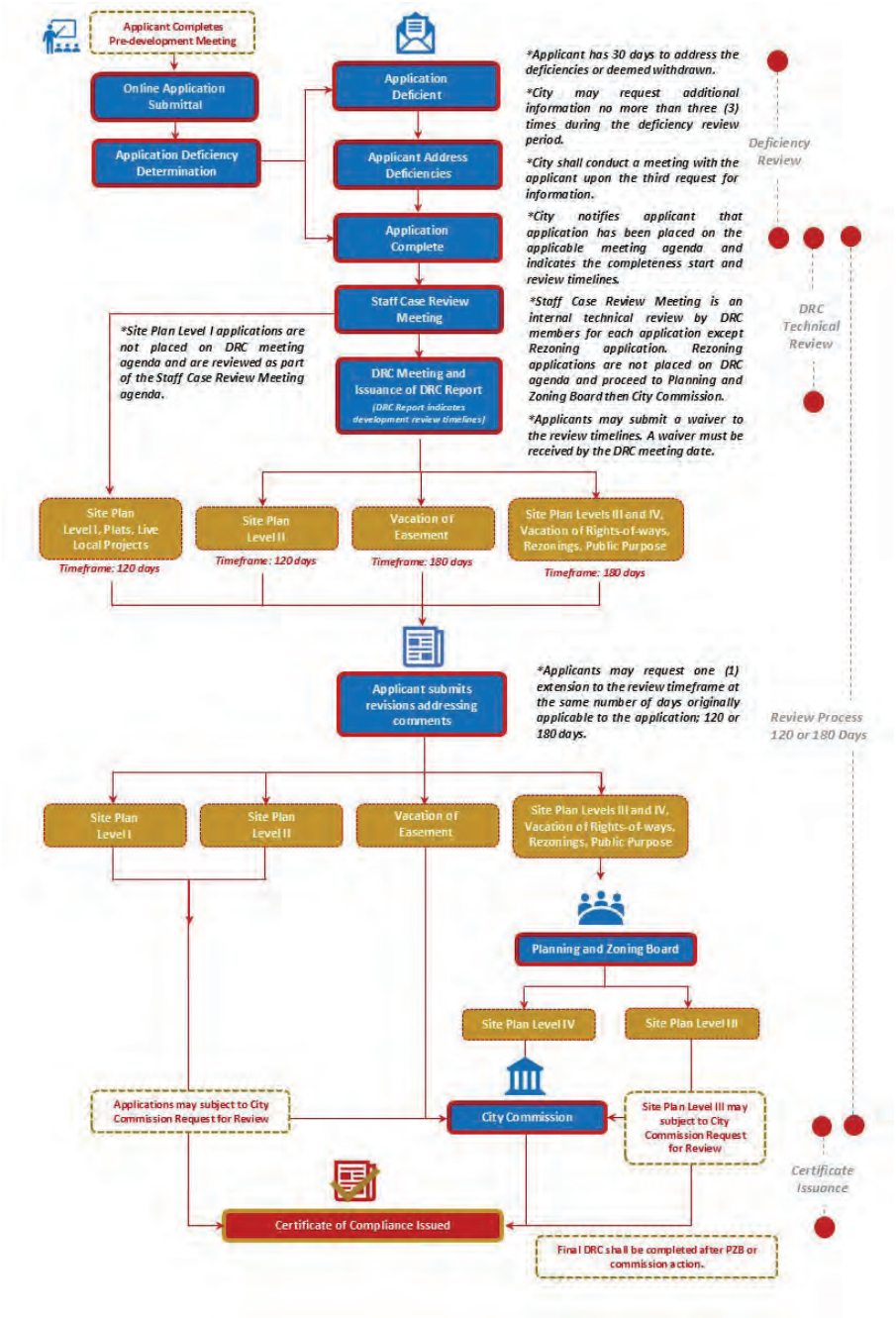
☑ **Public Mail Notices *(rezoning)*** stamped envelopes for each property owner within three hundred (300) feet of the subject site for City to send the mail notices. Applicants shall provide a signed and notarized affidavit stating compliance with mail notice requirements.

☑ **Water and Wastewater Capacity Request** copy of email to Public Works requesting the capacity letter.

OVERVIEW FOR ONLINE SUBMITTAL REQUIREMENTS: Submittals must be conducted through the City's online portal LauderBuild. No hardcopy application submittals are accepted. Below only highlights the important submittal requirements that applicants must follow to submit online and be deemed complete. View all the requirements at LauderBuild Plan Room.

- **Uploading Entire Submittal** upload all documents at time the application is submitted to prevent delays in processing.
- **File Naming Convention** file names must adhere to the City's File Naming Convention.
- **Reduce File Size** plans and other large files must be flattened to reduce file size.
- **Document Categories** choose the correct document category when uploading.

DEVELOPMENT REVIEW FLOWCHART:



ASSISTANCE: For questions regarding submittal contact Planning. For LauderBuild issues contact DSD staff.

GENERAL SUBMITTAL QUESTIONS	LAUDERBUILD ASSISTANCE AND QUESTIONS
Planning Counter at 954-828-6520 planning@fortlauderdale.gov	DSD Customer Service at 954-828-6520 lauderbuild@fortlauderdale.gov

APPLICANT ACKNOWLEDGMENT AND SIGNATURE: The applicant or agent (if representing the applicant) must initial each item below and sign at the bottom of the page.

K ACKNOWLEDGMENTS AND SIGNATURE

Applicant or agent must initial each item and sign below.

INITIAL	ITEM
	I have reviewed the application submittal requirements, applicable specifications for plan submittal by the application type, and attest that the information, plans, data, and supplemental documents provided are accurate, complete, and comply with the City's Unified Land Development Regulations (ULDR) to the best of my knowledge.
	I have reviewed the Public Participation Notice requirements applicable to this application and understand that failure to provide the applicable notice may result in the application not being placed on a meeting agenda.
	I acknowledge if the application is deemed: (1) incomplete, such deficiencies must be addressed within 30 days from the incomplete notice from the City, or (2) complete, such application must be approved, approved with conditions, or denied within 120 days for non-quasi-judicial applications or 180 days for quasi-judicial applications or subject to Commission Request for Review pursuant to Fla. Stat. § 166.033 unless a one-time extension is granted or a waiver form is submitted waiving the statutory review timeframes in Fla. Stat. § 166.033.
	I acknowledge that the review and approval of the application is limited to compliance with the City's ULDR, and such approval does not guarantee compliance with other applicable regulations, standards, and code as required by the Florida Building Code, Engineering Standards, and FEMA Floodplain requirements, which are reviewed during the building permit process, and in the event, the development permit issued for this application is impacted on compliance during the building permit process, I remain solely responsible to comply and if necessary process an amendment to this application approval to address changes.
	I acknowledge that application fees must be paid upon receipt of an invoice from the City and that failure to pay application fees may result in delay on processing the application. ***Fraud Alert Information*** The City of Fort Lauderdale has been made aware of fraudulent emails and payment requests sent to applicants that do not originate from the City. Always verify the sender's email address and avoid clicking on suspicious links or opening unexpected attachments. Any suspicious communications that appear to be sent on behalf of the City should be reported to City staff immediately. — The City **does not** send unsolicited requests for payment or sensitive personal information. — The Development Services Department **does not** accept payments over the phone. — The City will **never** threaten enforcement action or demand payment by gift card, wire transfer, or digital currency. — The City will **never** request personal or financial information such as bank account numbers, credit or debit card numbers, Social Security numbers, or passwords via email or phone.

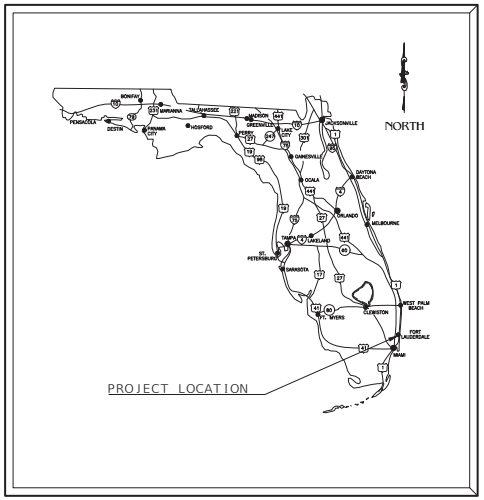
APPLICANT/AGENT SIGNATURE	
	
PRINT	John Bridgeman
DATE	8/6/26

DEVELOPMENT REVIEW - SITE PLAN LEVEL 4

FOR:

FLORIDA DEPARTMENT OF JUVENILE JUSTICE
NEW BUILDING AT BROWARD COUNTY
REGIONAL JUVENILE DETENTION CENTER

BROWARD COUNTY PARCEL #5042 05 38 0010



VICINITY MAP



PROJECT LOCATION MAP

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Building Code (FBC), Accessibility (A), 8th Edition

Florida Department of Transportation Standard Plans, Current Edition

FDOT Standard Specifications for Road and Bridge Construction, Current Edition

City of Fort Lauderdale Comprehensive Utility Strategic Master Plan for the Design, Construction and Technical Specifications of Water and Wastewater Facilities, Current Edition

City of Fort Lauderdale Stormwater Master Plan Design And Implementation Program for the Design, Construction and Technical Specifications of Stormwater Drainage and Management, Current Edition

Florida Stormwater Erosion and Control Manual Inspector's Manual (FSESCI), dated 2018

Refer to Project Manual for additional specifications.

AS AMENDED BY CONTRACT DOCUMENTS

Attention is directed to the fact that these plans may have been altered in size by reproduction. This must be considered when obtaining scaled data.

NOTE: ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

PLANS PREPARED BY:

George & Associates
Consulting Engineers, Inc.
CIVIL - ENVIRONMENTAL - TRANSPORTATION - SYSTEMS PLANNING - LAND USE
ENGINEERING BUSINESS NO. 7879
1967 Commonwealth Lane, Suite 200, Tallahassee, FL 32303
PHONE 850.521.0344 - FAX 850.521.0345

CITY OF FORT LAUDERDALE
SITE PLAN – LEVEL 4
PERMIT SUBMITTAL
DATE: 08/07/2026
JOB No. 24039.01

SHEET INDEX

SHEET NUMBER	SHEET TITLE
	Civil
C 000	Cover Sheet
C 001	Index
C 101	Existing Conditions
C 201	Erosion Control & Demolition Notes
C 202	Erosion Control Plan
C 203	Demolition Plan
C 301	Site Plan
C 401	Grading Plan
C 601	Drainage Plan
C 602	Stormwater Vault Plan
C 603	Stormwater Vault Details
C 604	Stormwater Vault Details
C 605	Stormwater Vault Details
C 701	Utility Plan
C 801	Details
C 802	Lift Station Details
C 803	Details – Ft. Lauderdale
C 804	Details – Ft. Lauderdale
C 805	Details – Ft. Lauderdale
C 806	Details – Ft. Lauderdale
C 807	Details – Ft. Lauderdale
C 808	Details – Ft. Lauderdale
C 901	Vehicular Access Plan
	Architectural
A 1.0	Campus Floor Plan
A 1.1	Floor Plan Admin/Mod B
A 1.1A	Dimension Plan Admin/Mod B
A 1.2	Floor Plan Booking/Mod A
A 1.2A	Floor Plan
A 1.3	Floor Plan
A 1.3A	Floor Plan
A 2.0	Elevations
A 2.1	Elevations
A 2.0 R	Elevations

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PHONE 850.521.0344 - FAX 850.521.0345
1967 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL - ENVIRONMENTAL - TRANSPORTATION
SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

The Drawings, Specifications and other documents prepared by Clemons, Rutherford & Associates, Inc. (CRA) for this Project are instruments of CRA for use solely with respect to this Project and, unless otherwise provided, CRA shall be deemed the author of these documents and shall retain all common law, statutory and other reserved rights, including the copyright. The Owner shall be permitted to retain copies, including reproducible copies, of CRA's Drawings, Specifications and other documents for information and reference in connection with the Owner's use and occupancy of the Project. The Drawings, Specifications and other documents shall not be used by the Owner or others on other projects, for documents shall not be used by the Owner or others for additions to this Project or for the completion of this Project by others, unless the Architect is adjudged to be in default under this Agreement, except by agreement in writing and with appropriate compensation to CRA.

SHANNON E. HUFFY — LICENSE No 91218 — STATE OF FLORIDA — REGISTERED PROFESSIONAL ENGINEER

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

SHANNON E. HUFFY PE#: 91218

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/24	KJP	SEH

Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
COVER SHEET

C 000

ABBREVIATIONS

A	Area or Amperes
AAA	American Automobile Association
ABC	Asphalt Base Course
Abd.	Abandoned
ABS	Acrylonitrile-Butadiene-Styrene Pipe
AC, Ac.	Acre
Asph. Conc.	Asphaltic Concrete
Accel.	Acceleration
Act.	Actuated
ADA	The Americans With Disabilities Act
Adh.	Adhesive
Adj.	Adjust
ADT	Average Daily Traffic
AADT	Annual Average Daily Traffic
Agg.	Aggregate
AISC	American Institute Of Steel Construction
Alt.	Alternate
Al.	Aluminum
ANSI	American National Standards Institute
AOS	Apparent Opening Size
Appl.	Applied, Application
Approx.	Approximate
Artf.	Artificial
Asph.	Asphalt
Assem.	Assembly
Assn.	Association
Assoc.	Associate, Association
ASTM	American Society For Testing Materials
ATPB	Asphalt Treated Permeable Base
Attn.	Attention
Attnuatr.	Attenuator
Aux.	Auxiliary
Ave.	Avenue
AWG	American Wire Gauge
AWS	American Welding Society
Az.	Azimuth
B to B	Back to Back
Bd. or Bnd.	Bond or Bonded
BE	Buried Electric
Beg.	Begin
Bit.	Bituminous
Bk.	Back
BL, BLC	Base Line, Base Line Control
Bldg.	Building
Blkhd.	Bulkhead
Blvd.	Boulevard
BM	Bench Mark
Bndry.	Boundary
Bdr.	Border
Bot.	Bottom
BO	Basin Outlet
BOS	Beginning Of Survey
Br.	Bridge
Brg.	Bearing
Brkwy.	Breakaway
BT	Buried Telephone Cable or Duct
BW	Barbed Wire, Bottom Width or Both Ways
C/G	Curb And Gutter
CA	Coarse Aggregate
Cap.	Capacity
CAP	Corrugated Aluminum Pipe
Caps.	Capital Letters
CASP	Corrugated Aluminized Steel Pipe
CATV	Cable Television
CB	Catch Basin
CBC	Concrete Box Culvert
CBS	Concrete Box Structure
CC, C/C,	Center to Center, Crash Cushion
CCEW	Center to Center Each Way
CD	Cross Drain, Cross Direction (Geotextiles)
Cem.	Cemetery
CFS	Cubic Feet Per Second
CI	Cast Iron
CIP	Cast Iron Pipe
CIPL	Cast In Place
cir. or circ.	Circle or Circular
circ.	Circumference
Cl. or Clear	Clearance
CL	Center Line
CM	Concrete Monument
CMB	Concrete Median Barrier
CMP	Corrugated Metal Pipe
CMPA	Corrugated Metal Pipe Arch
CO	Clean Out
Col.	Column
Conc.	Concrete
Const.	Construct or Construction
Cont.	Continuation
Contr.	Contractor
Coord.	Coordinate
Corr.	Corrugated
CP	Concrete Pipe
CPE	Corrugated Polyethylene Pipe
Crs. or Cse.	Course
CS	Curve To Spiral
CSP	Corrugated Steel Pipe
CT	Clear Trunk
CTPB	Cement Treated Permeable Base
Ctr.	Center
Culv.	Culvert
CY	Cubic Yard
D	Degree Of Curvature, Depth, Density, Distance, Diameter or Directional Distribution
DA	Deflection Angle
DBH	Diameter At Breast Height
Dbl.	Double
DCS	Degree Of Curvature (Spiral)
DD	Dry Density / Design Document
Deg.	Degree
Dept.	Department
Det.	Detour, Detection, Detectable
DGN or Dgn.	Design
DHV	Design Hourly Volume
DHW	Design High Water
Dia. or D	Diameter
Dim.	Dimension
Dist.	Distance
Disp.	Disposal
DOT	Department Of Transportation
DR	Design Review
Driv.	Driven
Drwy.	Driveway
DS	Design Speed
DSL	Design Service Life
Dwg.	Drawing
E	East or External Distance
e	Rate Of Superelevation
E to E	End to End
EA or Ea.	Each
EB	Eastbound
El. or Elev.	Elevation
Elec.	Electric
Ellip.	Elliptical
Engr.	Engineer
EOS	End Of Survey or Equivalent Opening Size
EOP	Edge Of Pavement
Eq.	Equation or Equal
Equip.	Equipment
Esmt.	Easement
Exist.	Existing
Exp.	Expansion
F or Final	Final Quantity
F & I	Furnish & Install
F to F	Face to Face
FA	Federal Aid or Fine Aggregate
FAC	Florida Administrative Code
FAP	Federal Aid Project
FC	Friction Course
FD	French Drain
Fdn.	Foundation
FFE	Finish Floor Elevation
Fed.	Federal
Fert.	Fertilizer
FES	Flared End Section
FETS	Flared End Terminal Section
FH	Fire Hydrant
FHWA	Federal Highway Administration

Fig.	Figure
Fin.	Finish
FIR	Found Iron Rod
FIP	Found Iron Pipe
Flex.	Flexible
FNC	Found Nail & Cap
FNL	Found Nail
FOC	Fiber Optics Cable
FPM or fpm	Feet Per Minute
FRP	Fiber Reinforced Pipe
FPS or fps	Feet Per Second
FR or Fr.	Frame
Frang.	Frangible
Freq.	Frequency
FS, F.S.	For Side, Florida Statutes
Ft.	Foot or Feet
FTB	Floating Turbidity Barrier
Fut.	Future
Galv.	Galvanized
Ga.	Gauge or Gage
Ga. / Gal.	Gallon
GD	Gutter Drain
GIP	Galvanized Iron Pipe
GM	Gas Main
GP	Grade Point
Gr.	Grade, Guardrail or Grate
Gr. or Gro.	Gross
GRC	Galvanized Rigid Steel Conduit
Grd.	Ground
gross km	Gross Kilometer
Gr. Wt.	Gross Weight
Gttr.	Gutter
Gy	Gray
HAR	Highway Advisory Radio
HB	Hay Bales
HC	Horizontal Clearance
HD	High Density or Heavy Duty
HD or Hd.	Head
Hdwl.	Headwall
Hndrl	Handrail
Horiz.	Horizontal
HP	High Pressure or Horsepower
Hr.	Hour
HS	High Strength
HSHV	High Strength Horizontal Vertical
Ht.	Height
HW or H.W.	High Water or Hot Water
Hwy.	Highway
Hyd.	Hydrant or Hydraulic
ID	Inside Diameter or Identification
IMC	Intermediate Metal Conduit
Inc.	Incorporated or Including
Incl. or Inc.	Included
Ind.	Industry or Industrial
INV. or Inv.	Invert
IP	Iron Pipe
Install.	Installed
Isect.	Intersection
Isl.	Island
IR	Iron Rod
ITE	Institute Of Transportation Engineers
J	Joule
JB	Junction Box
Jct.	Junction
Jt.	Joint
K	Design Hour Factor or Kelvin
kg/m	Kilogram Per Meter
kg/m2	Kilogram Per Square Meter
kg/m3	Kilogram Per Cubic Meter
Kilo	One Thousand
Kip	1000 Pounds
kn	Knot
L	Length, Length Of Curve, Liter, Left
Lat.	Lateral or Latitude
Lb.	Pound
lb/sy	Pounds Per Square Yard
LBR	Limerock Bearing Ratio
LC	Long Chord
Lin.	Linear
lm	Lumen
Lmrk.	Limerock
LOS	Limit Of Clear Sight
Loc., LO	Location
Long.	Longitude
LS	Length Of Spiral
LT	Left Turn
Lt.	Left
Ltd.	Lighted or Limited
Lum.	Luminaire
L/W	Lightweight
Maint.	Maintenance
Matl.	Material
Max.	Maximum
Med.	Median
MES	Mitered End Section
Mfg.	Manufactured or Manufacturer
MH, M.H.	Manhole, Mounting Height
MHW	Mean High Water
Mi.	Mile
Mid.	Middle
Min.	Minimum or Minute
Misc.	Miscellaneous
MLW	Mean Low Water
Mobl.	Mobilization
Mod.	Modify or Modified
Mon.	Monument
MOT	Maintenance Of Traffic
MSL	Mean Sea Level
Mtd.	Mounted
MUTCD	Manual On Uniform Traffic Control Device
MUTS	Manual On Uniform Traffic Studies
N	North or Newton
NA or N/A	Not Available or Not Applicable
NAVD	National American Vertical Datum
NC	National Coarse or Normal Crown
NEMA	National Electrical Manufacturers Association
NGVD	National Geodetic Vertical Datum of 1929
NGS	National Geodetic Survey
NHS	National Highway System
NHW	Normal High Water
NIC	Not In Contract
NTS	Not To Scale
NW	Northwest
Opass	Overpass
O to O,	Out to Out
OA	Overall
O.B.G.	Optional Base Group
OC or O.C.	On Center
OD or O.D.	Outside Diameter
OE	Overhead Electric
OH,	Overhead
Opt.	Option, Optional or Optically
OT	Overhead Telephone
Oz.	Ounce
P	Passenger Car & Light Delivery Truck
Part.	Participation or Partition
Pavt.	Pavement
PC	Point Of Curvature
PE	Professional Engineer
Ped	Pedestrian or Pedestal
Pen.	Penetration
PG	Profile Grade
PGL	Profile Grade Line
pH	Measure Of Acidity or Alkalinity
PI	Point Of Intersection
PL or P L	Property Line or Plate
POB	Point of Beginning
POC	Point Of Commencement
POST	Point On Semi-Tangent
POT	Point On Tangent
PRC	Point Of Reverse Curvature
Prest.	Prestressed
Prob.	Probability
Prod.	Product, Production, Producer or Produced

Prog.	Program or Progression
Proj.	Project or Projection
PS & E	Plans, Specifications And Estimates
PT	Point Of Tangency or Pressure Treated
PVC	Polyvinyl Chloride
PRC	Point Of Reverse Curvature
Prcst.	Precast
Prest.	Prestressed
Proj.	Project or Projection
Q	Peak Discharge or Flow Volume
QPL	Qualified Products List
R	Right
R or Rad.	Radius
R or Rng.	Range
RC	Reverse Crown
RCP	Reinforced Concrete Pipe
RCPA	Reinforced Concrete Pipe Arch
Rd.	Road or Round
Rdsd.	Roadside
Rdwy.	Roadway
Rect.	Reticuline or Rectangular
Ref.	Reference
Reg.	Region, Regular, Registered or Regulation
Reinf.	Reinforced or Reinforcing
Reloc.	Relocated
Req.	Required
RPM	Raised Reflective Pavement Markers
r/s	Revolution Per Second
RR	Railroad
Rt.	Right
R/W, ROW	Right Of Way
S or s	Speed, South, Seimens, Or Second
SAN or San.	Sanitary
Sch.	Schedule
SCST	Sand-Clay Surface Treatment
SD	Side Drain, Storm Drain
SE	Southeast
Seq.	Sequential
Serv.	Service
SF	Silt Fence
Sht.	Sheet
Shldr.	Shoulder
SHW	Seasonal High Water
Spec.	Specification
Sq. Ft./S.F.	Square Foot
Sq. In.	Square Inch
Sq. Yd./S.Y.	Square Yard
SR or S.R.	State Road
SRD	State Road Department
SS	Sanitary Sewer
St. or ST.	Street
Sta.	Station
Std.	Standard
Stl.	Steel
Sub. or Subst.	Substitute
Subgr.	Subgrade
SUR or Sur.	Survey
Surf.	Surface
T	Tangent, Length Of Curve,
TBM	Temporary Bench Mark
TC	Tangent To Curve
TCB	Temporary Concrete Barrier
TCE	Temporary Construction Easement
TCP	Terra Cotta Pipe
TCZ	Traffic Control Zone
TDLC	Transportation Design For Livable Communities
Tel.	Telephone
Temp.	Temperature or Temporary
Thick.	Thickness
Tn.	Ton
Trans.	Transition, Transverse,
TS	Tangent To Spiral
TSC	Length Of Tangent (Spiral Curve)
TTC	Temporary Traffic Control
Typ.	Typical
Upass.	Underpass
UG	Underground
UL	Underwriters Laboratories
Ultd.	Unlimited
Unddr.	Underdrains
Undrdwy.	Underroadway
USC & GS	US Coast and Geodetic Survey
USGS	US Geological Survey
USPS	United States Postal Service
Util.	Utilities
V	Volt, Velocity, Volume or Hourly Volume
Var.	Varies, Variable or Variance
VC	Vertical Curve
VCP	Vitrified Clay Pipe
Vert.	Vertical
Vh	Verified Horizontal Location
Vol.	Volume
VP	Vertical Panel
VPD or Vpd.	Vehicles Per Day
VPH or Vph.	Vehicles Per Hour
VPHPL or Vphpl.	Vehicles Per Hour Per Lane
VRMS	Volts Root Mean Square
Vv	Verified Vertical Elevation
VW	Variable Width
W	Width, Wide, West or Watt
WB	Westbound
Wb.	Weber
WB40	Intermediate Semi Trailer
WB50	Large Semi Trailer
WB60	Tandem Semi Trailer
WM	Water Main
WT	Water Table Or Weight
WWF	Welded Wire Fabric
X	Coordinate Value (East-West Direction) or Extra
X Rd.	Cross Road
Xing.	Crossing
Xsec.	Cross Section
Y	Coordinate Value (North-South Direction)

GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Building Code (FBC), Accessibility (A), 8th Edition

Florida Department of Transportation Standard Plans, Current Edition

FDOT Standard Specifications for Road and Bridge Construction, Current Edition

City of Fort Lauderdale Comprehensive Utility Strategic Master Plan for the Design, Construction and Technical Specifications of Water and Wastewater Facilities, Current Edition

City of Fort Lauderdale Stormwater Master Plan Design And Implementation Program for the Design, Construction and Technical Specifications of Stormwater Drainage and Management, Current Edition

Florida Stormwater Erosion and Control Manual Inspector's Manual (FSESCI), dated 2018

Refer to Project Manual for additional specifications.

AS AMENDED BY CONTRACT DOCUMENTS

Attention is directed to the fact that these plans may have been altered in size by reproduction. This must be considered when obtaining scaled data.

KMANN August 6, 2026 P:\Projects\26-5629 CRA Broward DJJ\Drawings\Civil\C 001 Index.dwg LAST SAVE:8/6/2026 PLOT DATE:8/6/2026 7:47 PM

GENERAL NOTES

CIVIL GENERAL NOTES:

1) ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF O.S.H.A. SHALL BE PERFORMED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES OF HIS EMPLOYEES, AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH O.S.H.A. REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT (SEE NOTE 16) MUST BE INCLUDED IN THE CONTRACTOR'S PRICE FOR PERFORMING THE WORK.

2) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING THE BID FOR THE PURPOSE OF FAMILIARIZING HIMSELF WITH WITH THE NATURE AND THE EXTENT OF THE WORK AND LOCAL CONDITIONS, EITHER SURFACE OR SUBSURFACE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THIS CONTRACT. THE CONTRACTOR IS URGED TO TAKE COLOR PHOTOGRAPHS ALONG THE ROUTE OF THIS PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO AID IN RESOLVING POSSIBLE FUTURE COMPLAINTS THAT MAY OCCUR DUE TO CONSTRUCTION OF THE PROJECT.

3) ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE OWNER FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER.

4) THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION WITH ALL OTHER CONTRACTORS. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.

5) "AS-BUILT" DRAWINGS – AS-BUILT DRAWINGS ARE REQUIRED TO BE PROVIDED AND SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. THEREFORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA FOR THE PREPARATION, FIELD LOCATIONS, CERTIFICATION, AND SUBMITTAL OF "AS-BUILT" DRAWINGS.

6) "AS-BUILT" RECORD DATA AND INFORMATION SHALL BE MAINTAINED BY THE CONTRACTOR. RECORD DRAWINGS SHALL BE SUPPLIED TO GEORGE & ASSOCIATES CONSULTING ENGINEERS, INC..

7) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTRACT WITH THE SURVEYOR OF RECORD FOR REINSTALLATION OF THE MONUMENT.

8) ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR ON A WEEKLY BASIS.

9) ALL EXCESS UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE.

10) ALL EXISTING TREES TO REMAIN SHALL BE PRESERVED AND PROTECTED, EXCEPT FOR REMOVAL AS REQUIRED FOR CONSTRUCTION.

11) THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES, AND IMPROVEMENTS SHOWN ON THE DRAWINGS IS BASED ON LIMITED INFORMATION AND MAY NOT HAVE BEEN FIELD VERIFIED. THE LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY RESPECTIVE UTILITY OWNERS AND FIELD VERIFY LOCATIONS OF EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. IF THE LOCATIONS SHOWN ARE CONTRARY TO THE ACTUAL FIELD LOCATIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF THE DISCREPANCY. THE DISCREPANCY SHOULD BE RESOLVED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN AREAS NEAR EXISTING UTILITIES AND IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR AND SHALL REPAIR OR PAY FOR ALL DAMAGE MADE TO EXISTING UTILITIES OR OTHER IMPROVEMENTS. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL GRADES, INVERTS, AND TYPE OF MATERIAL OF EXISTING UTILITIES TO WHICH HE SHALL CONNECT.

12) THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IF REQUIRED ON ALL MATERIALS, FOR REVIEW AND APPROVAL, PRIOR TO PURCHASE OR CONSTRUCTION OF ANY UTILITY PIPE OR STRUCTURE.

13) UNSUITABLE MATERIALS BENEATH WATER AND SEWER PIPE AND/OR STRUCTURES SHALL BE REMOVED AND REPLACED WITH SELECTED BACK FILL PROPERLY COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.

14) ALL WATER & SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 489 FLORIDA STATUTES.

15) CONTRACTOR SHALL PROVIDE SEDIMENT AND EROSION CONTROL DURING THE ENTIRE DURATION OF THE PROJECT. ALL JURISDICTIONAL WETLANDS SHALL BE PROTECTED FROM SEDIMENTATION AND EROSION AS WELL AS ENCROACHMENT OF ANY KIND. ANY WETLAND JURISDICTIONAL LINES ARE SHOWN ON THE PLANS FOR REFERENCE. CONTRACTOR SHALL MEET THE REQUIREMENTS SET FORTH BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE U.S. ARMY CORPS OF ENGINEERS AS RELATED TO JURISDICTIONAL WETLANDS.

16) CONTRACTOR SHALL COMPLY WITH THE CURRENT FLORIDA TRENCH SAFETY ACT (F.S. 553.60-553.64) AND THE OSHA EXCAVATION SAFETY STANDARDS 29, CFR PART 1926.650 SUBPART P. WHERE TRENCH EXCAVATION EXCEEDS 5 FT IN DEPTH, SEE FLORIDA STATUTE 553.60-553.64.

A) THE CONTRACTOR SHALL PROVIDE WRITTEN ASSURANCE OF COMPLIANCE WITH THIS LAW.

B) A SEPARATE COST ITEM IDENTIFYING THE COST OF COMPLIANCE.

C) A TRENCH SAFETY SYSTEM SHALL BE DESIGNED BY THE CONTRACTOR.

17) CONTRACTOR SHALL COMPLY WITH STORM WATER POLLUTION PREVENTION PLAN. A COPY OF THIS PLAN AND FORMS ARE INCLUDED IN THE SPECIFICATIONS.

S & E CONTROL NOTES

1) ADDITIONAL MEASURES WILL BE ADDED IF DETERMINED TO BE NEEDED BY ON-SITE INSPECTIONS.

2) IT IS THE CONTRACTORS RESPONSIBILITY TO CONSTRUCT A STONE MINIMUM 50'x20' COURSE AGGREGATE (1.5"-3.5" DIA.) MIN 6" IN DEPTH STABILIZED PAD AT POINTS OF VEHICULAR INGRESS AND EGRESS ON A CONSTRUCTIONS SITE. THE CONSTRUCTION ENTRANCE SHALL COMPLY WITH THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTORS MANUAL (LATEST EDITION)

3) LIMITS OF CLEARING SHALL NOT EXTEND BEYOND PROPERTY LINES.

4) SEDIMENT BARRIER (Sd1) SHALL CONSIST OF STAKED STRAW BALES AND OR FILTER FENCE.

5) SOIL EROSION WILL BE MONITORED DAILY AND GIVEN PARTICULAR ATTENTION AFTER RAINFALL.

6) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES

7) EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

8) ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 7 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

9) 24 HOUR CONTACT FOR EROSION CONTROL:
THE SITE CONTRACTOR SHALL BE THE CONTACT FOR
24 HOUR EROSION CONTROL.

10) CONTRACTOR SHALL FILE AND RECEIVE A NOTICE OF INTENT (NOI) PERMIT AS PART OF THE NPDES (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM).

11) THE NOI SHALL BE APPLIED FOR NOT LESS THAN 96 HOURS BEFORE CONSTRUCTION.

12) CONTRACTOR SHALL PROVIDE THE NOI TO OWNER AND ENGINEER UPON RECEIPT. SEE FDEP WEBSITE OR CALL 245-7522.

ADA COMPLIANCE NOTES

CONTRACTOR NOTICE 2023 (EFFECTIVE DECEMBER 31, 2023)

THE CONTRACTOR & OWNER WILL BE HELD ACCOUNTABLE DURING CONSTRUCTION FOR ALL SITE IMPROVEMENTS. COMPLIANCE WITH FLORIDA STATUTES 553.5041 (F.S.), AND THE 2023 FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION (FBC-A), IS MANDATORY. IF NON-COMPLIANT AT FINAL INSPECTION, CONTRACTOR WILL BE REQUIRED TO MODIFY CONSTRUCTION TO COMPLY WITH F.S. FBC-A & FBC-B. THE FOLLOWING ITEMS TAKE PRECEDENCE AND SUPERSEDE OTHER SITE DETAILS ON DRAWINGS:

1. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE NO LESS THAN 44" WIDE SO THAT USERS WILL NOT BE COMPELLED TO WALK OR WHEEL BEHIND PARKED VEHICLES EXCEPT BEHIND HIS OR HER OWN VEHICLE. RE: §208.3 & §502.3, FBC-A AND F.S. 553.5041. –
2. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE FROM THE ACCESSIBLE (H/C) PARKING TO AN ACCESSIBLE ENTRANCE. §208.3.1 FBC-A & F.S. 553.5041(5)(B). –
3. ACCESSIBLE PARKING SPACES SHALL BE 12 FT WIDE & OUTLINED WITH BLUE PAINT. §502.2 & §502.6 FBC-A,
4. ACCESS AISLES REQUIRED ADJACENT TO PARKING SPACES SHALL BE 5 FT WIDE WITH DIAGONAL STRIPING. §502.3.1, FBC-A
5. ACCESSIBLE PARKING AND ACCESS AISLES SHALL BE LEVEL (NOT TO EXCEED 1:48) ON A STABLE, FIRM & SLIP RESISTANT SURFACE. RE: §302.1 & §502.4. FBC-A
6. ACCESSIBLE PARKING IDENTIFICATION SIGNS SHALL BE FDOT APPROVED AND SHALL READ 'PARKING BY DISABLED PERMIT ONLY' AND SHALL INDICATE A $250 FINE FOR ILLEGAL USE. INSTALL SIGNS A MINIMUM 60 INCHES FROM THE GROUND TO THE BOTTOM OF THE SIGN(S). RE: §502.6 FBC-A AND F.S 553.5041.
7. CURB RAMPS SHALL NOT EXCEED 1:12 SLOPE, AND CURB RAMP FLARES SHALL NOT EXCEED 1:10 SLOPE. CURB RAMPS AND FLARED SIDES SHALL NOT ENCROACH UPON PARKING SPACES, ACCESS AISLES, OR VEHICULAR TRAFFIC LANES. THE COUNTER SLOPE OF ADJACENT ROAD SURFACES & GUTTERS SHALL NOT EXCEED 1:20. RE: §405.2 & §406., FBC-A
8. CURB RAMPS SHALL HAVE A LANDING WITH A MINIMUM CLEAR LENGTH AND WIDTH OF 36" SHALL BE LOCATED AT THE TOP SIDE OF EACH CURB RAMP, A CLEAR WIDTH AT LEAST AS WIDE AS THE CURB RAMP (EXCLUDING FLARED SIDES) LEADING TO IT. EXCEPTION: FOR ALTERATIONS, WHERE THERE IS NO LANDING, CURB RAMP FLARES SHALL BE PROVIDED, AND SHALL NOT BE STEEPER THAN 1:12 SLOPE. RE: §406.4 FBC-A
9. ALL RAMPS WITH A RISE GREATER THAN 6 INCHES SHALL PROVIDE EDGE PROTECTION COMPLYING WITH §405.9 FAC-A. RAMPS SHALL HAVE 60 INCHES MIN LEVEL LANDINGS AT THE TOP & BOTTOM. RE: §405.7. FBC-A.
10. ALL RAMPS WITH A RISE GREATER THAN 6" SHALL HAVE HANDRAILS ON BOTH SIDES WITH 12" HORIZONTAL EXTENSIONS AT THE TOP & BOTTOM OF THE RAMP. MAXIMUM RISE OF A RAMP RUN IS 30 INCHES ON AN ACCESSIBLE ROUTE. RE: §1012.8 FBC-B (FLORIDA BUILDING CODE - BUILDING) AND §505.10 FBC-A.
11. ACCESSIBLE ROUTES TO "MAIN ENTRY" FROM AN ACCESSIBLE PARKING SPACE, AND FROM THE "PUBLIC WAY", SHALL NOT EXCEED 1:20 SLOPE UNLESS RAMPS WITH PROPER HANDRAILS & HANDRAIL EXTENSIONS ARE PROVIDED AND WITH A CROSS SLOPE NOT IN EXCESS OF 1:48. RE: §206, §402 AND §403., FBC-A.
12. *CONNECT BUILDINGS WITHIN THE SAME SITE WITH AN ACCESSIBLE ROUTE WHICH SHALL NOT EXCEED 1:20 SLOPE (UNLESS RAMPS AND HANDRAILS ARE PROVIDED) AND A MAXIMUM CROSS SLOPE OF 1:48. RE: §206 FBC-A.

* EXCEPTION: AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED BETWEEN ACCESSIBLE BUILDINGS, ACCESSIBLE FACILITIES, ACCESSIBLE ELEMENTS, AND ACCESSIBLE SPACES IF THE ONLY MEANS OF ACCESS BETWEEN THEM IS A VEHICULAR WAY NOT PROVIDING PEDESTRIAN ACCESS. RE: §206.2.2 FBC-A

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 WILL BE RESPONSIBLE FOR LOCATING, MOVING AND RELOCATING OR REPLACING ALL WATER SERVICES OR SEWER LATERALS WHICH ARE ENCOUNTERED DURING EXCAVATION. THE CONTRACTOR SHALL SUBMIT A WRITTEN PLAN FOR WATER SERVICE AND WASTEWATER SERVICE DISRUPTION FOR APPROVAL 7 (SEVEN) CALENDAR DAYS PRIOR TO THE ANTICIPATED DISRUPTION. THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNERS 48 HOURS IN ADVANCE OF ANY WORK ON THEIR SERVICES. THIS WORK SHALL BE CONSIDERED INCIDENTAL.
3. 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.
4. THE CONTRACTOR MUST INFORM THE CITY AT LEAST 48-HOURS IN ADVANCE OF CONSTRUCTION, IN WRITING IF ANY CONFLICT IS DISCOVERED DURING POT HOLE OPERATIONS FOR CLARIFICATION BY THE CITY.
5. 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.
6. CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE EXISTING RIGHTS-OF-WAY.
7. 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.
8. ALL WORK WITHIN STATE DEPARTMENT OF TRANSPORTATION (FDOT) RIGHT-OF-WAYS SHALL BE IN CONFORMANCE WITH FDOT SPECIFICATIONS AND PERMIT REQUIREMENTS.
9. ALL WORK WITHIN BROWARD COUNTY RIGHT-OF-WAYS SHALL BE IN CONFORMANCE WITH THE BROWARD COUNTY MINIMUM STANDARDS AND/OR REQUIREMENTS.
10. CONTRACTOR SHALL COMPLY WITH ALL LOCAL CITY, COUNTY AND STATE REGULATIONS PERTAINING TO THE CLOSING OF PUBLIC STREETS FOR USE OF TRAFFIC DURING CONSTRUCTION.
11. CONTRACTOR SHALL PREPARE AND SUBMIT MAINTENANCE OF TRAFFIC (MOT) PLANS TO FDOT, CITY OF FORT LAUDERDALE, 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.
12. STATIONS SHOWN ON THE DRAWINGS ARE BASED ON THE ESTABLISHED BASELINE AND SHALL NOT BE CONSIDERED AS DISTANCES OR AS A MEASURE OF THE LINEAR FOOTAGE OF PIPE TO BE INSTALLED.
13. THE GENERAL INTENT IS TO PROVIDE SEWER SERVICE LATERALS FOR EACH PROPERTY. ALL LATERAL LOCATIONS SHALL BE FIELD ADJUSTED.
14. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY AT ALL TIMES.
15. 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.
16. TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS SHALL NOT BE LEFT OPEN DURING NIGHT TIME HOURS WITHOUT ADEQUATE PROTECTION.
17. 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.
18. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING AS REQUIRED BY AGENCIES HAVING JURISDICTION OVER THE PROJECT AND/OR WHEN REQUIRED FOR PUBLIC SAFETY.
19. 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.
20. LOCATION OF AIR RELEASE VALVES MAY BE FIELD ADJUSTED BY THE ENGINEER OR CITY OF FORT LAUDERDALE AS NECESSARY.
21. 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.
22. EXISTING TRAFFIC SIGNS SHALL BE RESET UPON COMPLETION PER BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS. COST SHALL BE CONSIDERED INCIDENTAL. CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED TRAFFIC SIGNAL LOOPS PER BROWARD COUNTY TRAFFIC ENGINEERING SPECIFICATIONS; COST SHALL BE INCIDENTAL.
23. CONTRACTOR SHALL RESTORE EXISTING PAVEMENT AND PAVEMENT MARKINGS/SIGNAGE TO ORIGINAL PRE-CONSTRUCTION CONDITION OR AS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS. THIS WORK SHALL BE CONSIDERED INCIDENTAL.
24. ALL CONSTRUCTION WITHIN FDOT R/W MUST CONFORM WITH FDOT SPECIFICATIONS, STANDARDS, AND PERMIT REQUIREMENTS. NO WORK SHALL COMMENCE WITHIN FDOT R/W's WITHOUT AN FDOT PERMIT. FULL LANE WIDTH RESTORATION TO MATCH EXISTING PAVEMENT SECTION IS REQUIRED IN ACCORDANCE WITH FDOT STANDARDS FOR PROPOSED WORK WITHIN FDOT R/W.
25. SEWER LATERALS SHALL BE PROVIDED FOR EACH PROPERTY. MISSING SEPTIC TANKS (NOT SHOWN ON SEWER LATERALS SERVICES PLAN) WILL BE FIELD LOCATED AS CONSTRUCTION PROGRESSES AND THE FINAL LATERAL LOCATION (AND TYPE) WILL BE THEN DETERMINED WITH THE APPROVAL OF THE ENGINEER/CITY. SEPTIC TANK LOCATIONS SHOWN IN PLANS ARE APPROXIMATE, BASED ON RESIDENTS SEWER LATERAL QUESTIONNAIRES PROVIDED BY THE CITY.
26. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND ELEVATIONS BEFORE STARTING CONSTRUCTION.
27. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88)

DRAINAGE NOTES

1. DRAINAGE PIPE SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) OR REINFORCED CONCRETE (RCP), THE USE OF RCP PIPE FOR PUBLIC ROADWAY CROSSINGS IS PREFERRED.
2. CATCH BASINS, INLETS AND JUNCTION BOXES SHALL NOT BE INSTALLED IN DRIVEWAYS.
3. PRIOR TO BACKFILLING EXFILTRATION TRENCHES, DRAINAGE INLETS OR MANHOLES, THE CONTRACTOR SHALL NOTIFY THE ENGINEERING INSPECTOR FOR AN INSPECTION.
4. DRAINAGE STRUCTURES SHALL BE CLEANED PRIOR TO ACCEPTANCE BY CITY OR DEPARTMENT OF ENVIRONMENTAL PROTECTION (DPEP).
5. ALL 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.
6. MINIMUM COVER FOR HDPE PIPE UNDER ASPHALT SHALL BE 24" COMPACTED LIMEROCK BASE. MINIMUM COVER FOR PIPE UNDER GRASS SHALL BE 18" COMPACTED SUBGRADE.
7. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS AND PREVENT ADVERSE FLOODING OF THE TRAVEL LANES DURING CONSTRUCTION.
8. MAINTENANCE ACCESS SHALL BE PROVIDED ON BOTH SIDES OF EXFILTRATION TRENCHES IN THE FORM OF MANHOLES OR CATCH BASINS. THE MAXIMUM DISTANCE BETWEEN STORM STRUCTURES SHALL NOT EXCEED TREE HUNDRED (300) FEET).
9. 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.
10. GEOTEXTILE MATERIALS USED IN THE CONSTRUCTION OF EXFILTRATION TRENCHES SHALL BE IN ACCORDANCE WITH THE CRITERIA OF FDOT "ROADWAY AND TRAFFIC DESIGN STANDARDS" LATEST EDITION AND CITY OF FORT LAUDERDALE'S SPECIFICATIONS.

GENERAL PROJECT NOTES:

1) UNLESS OTHERWISE INDICATED OR MODIFIED ON THE PLANS OR IN THE SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2026 EDITION, SHALL BE THE GOVERNING SPECIFICATIONS FOR CONSTRUCTION MATERIAL AND SITE WORK.

2) WHERE REFERENCE IS MADE TO A STANDARD INDEX OR DETAIL, THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION, SHALL BE USED AS IF A PART OF THIS PLAN.

3) THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

4) CONTRACTOR SHALL PROVIDE GEORGE & ASSOCIATES CONSULTING ENGINEERS, INC. AS BUILT DRAWINGS OF FINISHED IMPROVEMENTS.

5) ALL UNDERGROUND UTILITIES SHALL BE FIELD LOCATED PRIOR TO THE BEGINNING OF CONSTRUCTION. CALL "ONE CALL" (1-800-432-4770)

6) CONTRACTOR SHALL MAINTAIN SUITABLE SEDIMENTATION AND EROSION STRUCTURES DURING ALL PHASES OF CONSTRUCTION.

7) CONTRACTOR SHALL PROVIDE ADEQUATE SIGNAGE TO DIRECT TRAFFIC AROUND CONSTRUCTION AREAS. ADEQUACY OF SIGNAGE SHALL BE APPROVED PRIOR TO CONSTRUCTION START. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF UNFORESEEN MATERIALS

8) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF JOB SITE SAFETY INCLUDING, BUT NOT LIMITED TO TEMPORARY FENCING, UTILIZATION OF MACHINERY WITH BRAKES, WARNING SIGNAGE ETCETERA.

9) CONTRACTOR IS RESPONSIBLE TO COMPLETELY REMOVE ALL DEMOLISHED MATERIALS NOT BEING SALVAGED FROM SITE AND DISPOSE OF PROPERLY.

10) CONTRACTOR SHALL MAINTAIN A MINIMUM SLOPE OF 1.00% ON ALL IMPROVEMENTS. IF PROPOSED SLOPE IS LESS THAN 1.00% CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD IMMEDIATELY.

11) ALL DAMAGED DRIVEWAYS AND PAVING SHALL BE RESTORED TO ORIGINAL CONDITION PER FDOT STANDARDS.

12) ALL RESTORATION OF UNPAVED AREAS SHALL BE WITH SOD.

13) MAINTENANCE OF TRAFFIC SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS AS SPECIFIED IN STANDARD INDEX 102-600 TO 102-666.

14) CONTRACTOR SHALL POST SIGN THAT STATES THE FOLLOWING: "THIS AREA IS A DESIGNATED CONSTRUCTION SITE, AND ANYONE WHO TRESPASSES ON THIS PROPERTY COMMITS A FELONY".

15) ADDITIONAL FILTER FENCES OR HAY BALES SHALL BE CONSTRUCTED AS NECESSARY, IN ADDITION TO THOSE SHOWN, TO PROTECT ADJACENT PROPERTY FROM SEDIMENTATION DURING CONSTRUCTION. ALL STOCKPILE AREAS SHALL BE SURROUNDED BY SILT FENCE. TEMPORARY BERMS SHALL BE CONSTRUCTED OR GRADING CONSTRUCTED AS NECESSARY TO DIRECT RUNOFF TO THE S.W.M.F. PRIOR TO INSTALLATION OF DRAINAGE PIPES.

16) IT'S THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE HANDICAP RAMPS AND ACCESSIBLE WALKWAYS BE CONSTRUCTED IN *COMPLIANCE WITH BOTH, FEDERAL AND STATE ADA ACCESSIBILITY CODES*. UPON LAYOUT OF PROPOSED RAMPS OR ACCESSIBLE WALKWAYS IF THE CONTRACTOR IDENTIFIES A CONFLICT WITH THE REQUIRED STANDARDS IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION SO APPROPRIATE FIELD ADJUSTMENTS CAN BE PROVIDED. IF THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER THEN IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RECONSTRUCT THE RAMPS OR ACCESSIBLE WALKWAY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE STANDARD DETAILS.

17) ALL SOD SHALL BE INSTALLED 2" BELOW THE FINISH ELEVATION OF ALL SIDEWALKS.

GENERAL NOTES – TRAFFIC CONTROL PLAN

1. THE TRAFFIC CONTROL PLANS FOR THE PROJECT SHALL COMPLY WITH THE LATEST EDITION OF THE ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX NO. 600-660. MUTCD AND THE STANDARD SPECIFICATIONS. THE CONTRACTOR'S RESPONSE TIME TO ALL REPORTED MALFUNCTIONS OF TRAFFIC SIGNALS WITHIN THE PROJECT LIMITS SHALL BE NO MORE THAN TWO (2) HOURS AND SHALL RESTORE ALL MALFUNCTIONING TRAFFIC SIGNAL EQUIPMENT TO ITS LEVEL OF OPERATION PRIOR TO THE MALFUNCTIONING WITHIN TWENTY-FOUR (24) HOURS. DURING THIS TIME THE CONTRACTOR SHALL PROVIDE AT HIS EXPENSE TEMPORARY TRAFFIC CONTROL DEVICES, FLAGGLER PERSONNEL AND LAW ENFORCEMENT PERSONNEL AS NECESSARY TO MAINTAIN A SAFE AND EFFICIENT FLOW OF TRAFFIC AT THE AFFECTED WORK ZONE. THE ENGINEER OR THE CITY OF FORT LAUDERDALE SHALL APPROVE ALL MODIFICATIONS PRIOR TO THEIR IMPLEMENTATION.
2. THE CONTRACTOR SHALL MAINTAIN PROPER OPERATION OF ALL TRAFFIC SIGNAL LOOP ASSEMBLIES AND LOOP DETECTORS WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL CORRECT ALL LOOP ASSEMBLY/DETECTOR MALFUNCTIONS WITHIN 24 HOURS OF NOTIFICATION OF SUCH MALFUNCTIONS BY THE ENGINEER.
3. THE AGENCY RESPONSIBLE FOR MAINTENANCE OF THE TRAFFIC SIGNALS AND RELATED EQUIPMENT IS BROWARD COUNTY TRAFFIC ENGINEERING.
4. A REGULATORY SPEED OF 25 MPH SHALL BE POSTED WITHIN THE LIMITS OF THE WORK ZONE.
5. 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.
6. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE PATTERNS AND PREVENT ADVERSE FLOODING OF THE TRAVEL LANES DURING CONSTRUCTION.
7. THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM THE CITY OF FORT LAUDERDALE FOR ANY AND ALL CONSTRUCTION ACTIVITIES TO BE PERFORMED AT NIGHT. NO LANE CLOSURE SHALL BE ALLOWED BETWEEN THE HOURS OF 6:00 AM TO 9:00 AM AND 4:00 PM TO 7:00 PM, MONDAY THROUGH FRIDAY UNLESS APPROVED BY THE ENGINEER.
8. 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. SEE SPECS FOR LIST OF UTILITY COMPANIES.
9. TRAFFIC CONTROL ON ALL COUNTY RIGHTS-OF-WAY SHALL MEET THE ADDITIONAL REQUIREMENTS OF THE BROWARD COUNTY ENGINEERING DEPARTMENT.
10. 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. ALL MOT'S TO BE ATS CERTIFIED.
11. THE CONTRACTOR SHALL ALSO COORDINATE THE CONSTRUCTION SCHEDULE WITH FDOT, BROWARD COUNTY AND THE CITY OF FORT LAUDERDALE TO AVOID LANE CLOSURES WHICH WOULD ADVERSELY AFFECT TRAFFIC DURING RUSH HOUR.

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.
2. ANY ABOVE PROJECT ACTIVITY, INCIDENTAL OR OTHERWISE, WHICH IMPACTS OR DAMAGES THE COMMUNICATIONS CABLE/CONDUIT, SHALL BE SUBJECT TO THE FOLLOWING NOTES AND CONDITIONS ON PLAN SHEET C 201, EROSION CONTROL AND DEMOLITION NOTES.

CONSTRUCTION SEQUENCE:

1) THE CONTRACTOR SHALL REQUEST AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH THE ENGINEER OF RECORD 72 HOURS PRIOR TO ANY COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

2) POST ALL APPLICABLE PERMIT PLACARDS. THE PERMIT PLACARDS SHALL NOT BE NAILED TO TREES.

3) FLAG OR STAKE THE PROPOSED LIMITS OF CLEARING.

4) CONSTRUCT TREE BARRICADES OR FENCES AROUND PROTECTED TREES IN THE VICINITY OF ANY VEHICULAR TRAFFIC.

5) CONSTRUCT SEDIMENTATION CONTROL DEVICES PER EROSION CONTROL PLAN.

6) THE INSPECTOR MUST APPROVE THE INSTALLATION OF EROSION CONTROLS AND STAKED LIMITS OF CONSTRUCTION PRIOR TO DISTURBANCE ACTIVITIES.

7) DESIGNATE VEHICULAR PATHWAYS WITHIN THE LIMITS OF THE SITE.

8) DESIGNATE EMPLOYEE PARKING AREAS, MATERIALS STORAGE AREAS, AND TOPSOIL STORAGE AREAS.

9) CONSTRUCT ALL IMPROVEMENTS AS INDICATED IN THE PLANS AND SPECIFICATIONS.

10) REMOVE ALL STOCKPILE FROM SITE, INSTALL LANDSCAPING. SOD ALL DISTURBED AREAS.

11) CONTRACTOR SHALL PROVIDE ARCHITECT AND GEORGE & ASSOCIATES AS-BUILT DRAWINGS OF ALL FINISHED IMPROVEMENTS INCLUDING STORMWATER AND LANDSCAPE IMPROVEMENTS. AS-BUILT DRAWINGS WILL BE SUBMITTED PRIOR TO FINAL CLOSEOUT.

12) FIELD INSPECTION AND CLEAN UP.

AS BUILT / RECORD DRAWINGS:

1) CONTRACTOR SHALL PROVIDE GEORGE & ASSOCIATES CONSULTING ENGINEERS TWO SIGNED AND SEALED COPIES OF AS-BUILT DRAWINGS OF ALL FINISHED IMPROVEMENTS.

2) CONTRACTOR SHALL PROVIDE GEORGE & ASSOCIATES CONSULTING ENGINEERS AS-BUILT DRAWINGS OF ALL FINISHED IMPROVEMENTS IN PDF AND DWG FORMAT.

3) AS-BUILT DRAWINGS TO BE PERFORMED AND CERTIFIED BY A FLORIDA LICENSED PROFESSIONAL LAND SURVEYOR.

4) AS-BUILT DRAWINGS SHALL BE SUBMITTED AFTER COMPLETION OF ALL IMPROVEMENTS AND PRIOR TO FINAL INSPECTION.

5) AS BUILT DRAWINGS SHALL INCLUDE, BUT NOT BE LIMITED TO:

A. FINISHED FLOOR ELEVATIONS FOR ALL BUILDINGS.

B. SHOW ENTIRE SANITARY SEWER CONVEYANCE SYSTEM INCLUDING THE SIZE TYPE AND INVERT OF ALL PIPES AND MANHOLES. MANHOLES SHALL INCLUDE "X" AND "Y" COORDINATES.

C. SHOW ENTIRE POTABLE WATER SYSTEM INCLUDING THE SIZE AND TYPE OF ALL PIPES AND LOCATIONS OF APPURTENANCES.

D. SHOW ENTIRE FIRE WATER SYSTEM INCLUDING THE SIZE AND TYPE OF ALL PIPES AND LOCATIONS OF APPURTENANCES.

E. DETAIL OF THE POND CONTROL STRUCTURE INCLUDING STRUCTURE TYPE, STRUCTURE SIZE, INVERT OF ALL PIPES, ORIFICES, WEIRS AND THE INVERT CONNECTIONS AT OFF-SITE CONVEYANCE SYSTEMS, GRATES AND SKIMMERS.

F. DETAIL OF SAND FILTER CONSTRUCTION DETAILS SHOWING SAND FILTER CROSS SECTION, INVERTS AND SIZES OF UNDERDRAIN PIPES AT EACH CLEAN OUT, THE ELEVATION OF THE TOP OF EACH CLEANOUT, THICKNESS OF SAND AND GRAVEL.

G. POND CONSTRUCTION DETAILS SHOWING THE POND TOPOGRAPHY, TOP OF THE POND BERM/WALL AND POND BOTTOM ELEVATIONS AND THE LOCATION OF SAND FILTERS.

H. SHOW ENTIRE STORM WATER CONVEYANCE SYSTEM INCLUDING THE SIZE TYPE AND INVERT OF ALL PIPES, CHANNELS, ROOF DRAIN SYSTEMS, STRUCTURES, CURBING AND SPOT SHOT ELEVATIONS IN VEHICLE USE AREAS. DRAINAGE STRUCTURES SHALL INCLUDE "X" AND "Y" COORDINATES.

I. SHOW ALL SIDEWALK AND VEHICLE USE AREAS. PROVIDE ADEQUATE SPOT ELEVATIONS TO VERIFY ADA COMPLIANCE FOR REVIEW BY ENGINEER AND ADA COMPLIANCE REPORT.

J. SHOW ALL TRAFFIC CONTROL DEVICES INCLUDING SIGNS, SIGNALS, PARKING STRIPPING AND PAVEMENT MARKINGS.

K. SITE DATA TABLE TO INCLUDE IMPERVIOUS AREAS, URBAN FOREST AREAS, GREEN SPACE AREAS, AND NUMBER OF PARKING SPACES.

L. POST CONSTRUCTION TREE SURVEY INCLUDING LOCATION, SIZE AND SPECIES OF ALL EXISTING AND NEW TREES INCLUDING URBAN FOREST AND REPLANTED TREES AND IRRIGATION SYSTEMS.

M. DELINEATE CONSERVATION AND DRAINAGE EASEMENT BOUNDARIES AND LABEL WITH THE "OR" BOOK AND PAGE NUMBER.

N. POST DEVELOPMENT SITE DATA TABLE INCLUDING IMPERVIOUS AREA, URBAN FOREST AREA, GREEN SPACE AREA, NUMBER OF STANDARD PARKING STALLS, NUMBER ADA PARKING STALLS PROVIDED.

O. DELINEATE ALL UTILITIES CAPPED WITH "X" "Y" "Z" COORDINATES.

P. ANY ADDITIONAL ITEMS REQUIRED BY PERMITTING JURISDICTION.

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C 901	Vehicular Access Plan

George & Associates
Consulting Engineers, Inc.

ENGINEERING BUSINESS NO. 7879

PHONE 850.521.0344 - FAX 850.521.0345
1967 Commonwealth Lane, Suite 200
Tallahassee, FL 32303

CIVIL - ENVIRONMENTAL - TRANSPORTATION
SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS

Clemons,Rutherford, & Associates, Inc.

Architects
Planners
Interior Designers
Construction Managers

2027 Thomasville Road
Tallahassee, Florida 32308

phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHANNON E. HUFFY **PE#: 91838**

Submittal

Phase	Date	Drw	Chk
100% CONSTRUCTION DOCUMENTS	08-07-26	KOP	KRM

Revision

#	Description	Date

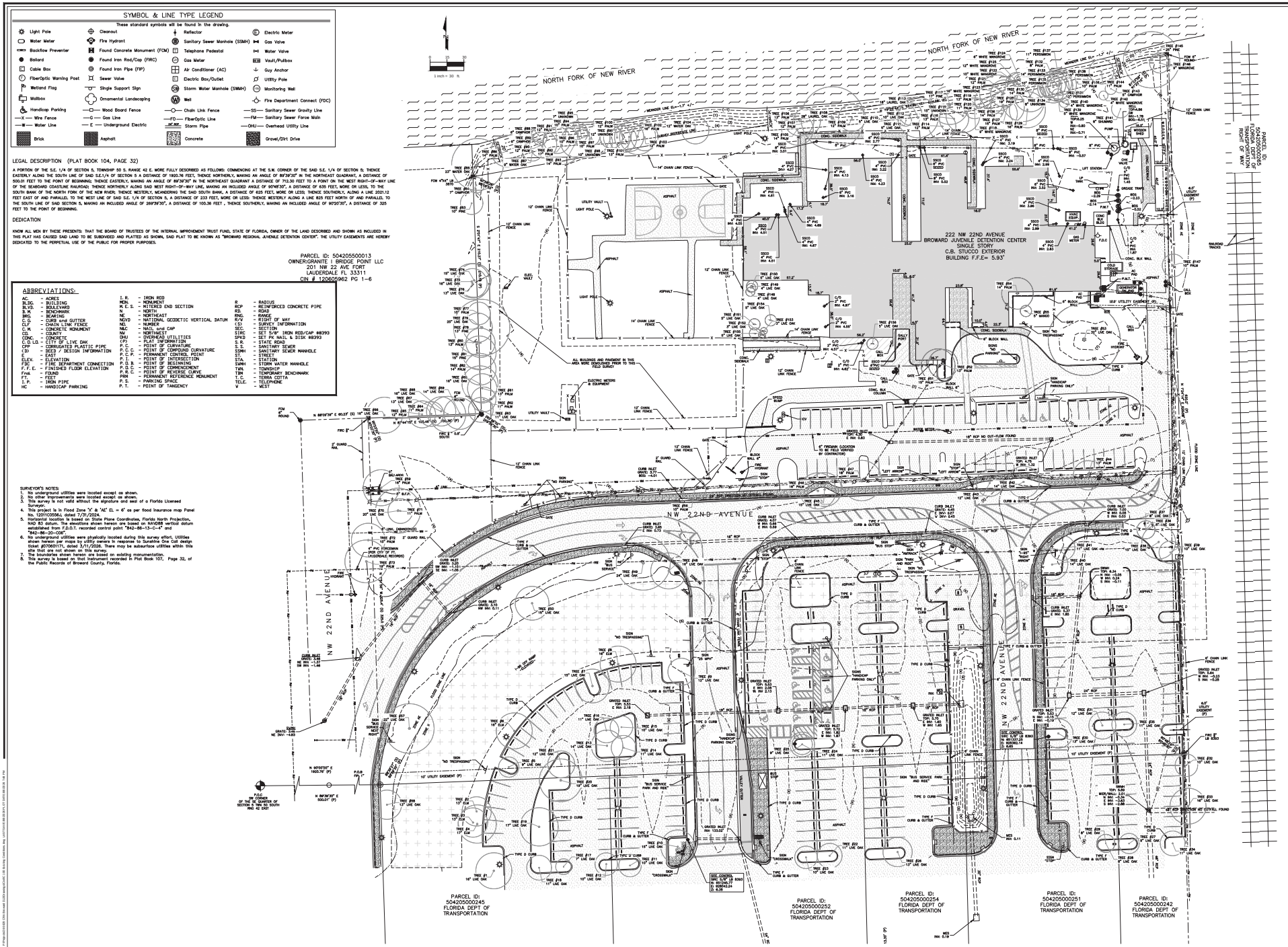
CRA Project # **24039.01**

Phase: **100% CONSTRUCTION DOCUMENTS**

SHEET TITLE

INDEX

C 001



George & Associates
Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2829
PHONE 850.521.0344 - FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CML - ENVIRONMENTAL - TRANSPORTATION
SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS
Clemons,Rutherford,
& Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHARON E. HUFF PE#: 91838

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/16	SEF	SEH

Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
EXISTING CONDITIONS

C 101

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 OF THE EXISTING COMPOST FACILITY.
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 SITE AREA SHALL BE ADJUSTED, REMOVED OR RELOCATED AT THE CONTRACTOR'S EXPENSE. ACTUAL WORK SHALL BE COORDINATED BY THE CONTRACTOR DIRECTLY W/ THE APPROPRIATE UTILITY COMPANY. ALL EXPENSES SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
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. UPON RECEIPT OF NOTICE OF AWARD, 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 FOR OWNER'S APPROVAL.
4. PRIOR TO DEMOLITION CONTRACTOR TO PROVIDE THE OWNER SKETCHES SHOWING PROPOSED HAULING ROUTES TO RECYCLING AND DISPOSAL FACILITIES FOR APPROVAL.
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 CONTRACTORS RESPONSIBILITY TO MAKE ARRANGEMENTS FOR THE FIELD LOCATIONS AND FOR ANY RELOCATION'S OF THE VARIOUS EXISTING UTILITIES WITH THE UTILITY OWNERS, WHICH SHALL BE DONE IN A TIMELY MANNER TO MINIMIZE IMPACT ON DEMOLITION SCHEDULE. ANY DELAY CAUSED BY THE CONTRACTOR BY THE RELOCATION OF UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
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.
13. CONTRACTOR WILL BRACE ALL EXISTING LANDSCAPING TO REMAIN PRIOR TO BEGINNING ANY WORK AND WILL ENSURE THEIR STABILIZATION THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. EXISTING SOD DISTURBED BY CONSTRUCTION THAT IS NOT AFFECTED BY PROPOSED GRADING WILL BE RESTORED TO ITS ORIGINAL STATE UPON COMPLETION OF CONSTRUCTION. SODDED SLOPES STEEPER THAN 4 HORIZONTAL TO 1 VERTICAL WILL BE PEGGED.
14. 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.
15. TO ENSURE THAT OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST IS MINIMIZED, CONTRACTOR IS TO PUT INTO PRACTICE THE METHODS DETAILED IN FDOT INDEX 106 (LATEST VERSION) AND BMPs.
16. DUST GENERATED FROM CONSTRUCTION WILL BE MINIMIZED BY DAILY WATERING OF THE SITE.
17. 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.
18. 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, DAILY DUST CONTROL MEASURES, VEHICULAR TRAFFIC AND CONSTRUCTION MATERIAL STORAGE AND DISPOSAL. WRITTEN RECORD OF ALL INSPECTIONS WILL BE STORED BY THE OPERATOR DURING CONSTRUCTION.
19. 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.
20. 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.
21. SEE LANDSCAPE PLANS FOR TREE REMOVAL AND LANDSCAPE DEMOLITION.
22. CONTRACTOR SHALL COORDINATE THROUGH CONSTRUCTION DIVISION AND CITY OF FORT LAUDERDALE PARKS DEPARTMENT ON HOW TO STOCK AND RE-USE EXCAVATED SOIL FROM SITE (AS APPLICABLE TO THE PROJECT).

INTERRUPTION OF EXISTING UTILITIES

1. ANY DEMOLITION 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. ALL COST FOR OVERTIME WORK BY THE REPRESENTATIVE OF THE UTILITY SHALL BE BORNE BY THE CONTRACTOR. EACH CUSTOMER AFFECTED BY THE SHUT DOWN SHALL BE PROVIDED, MINIMUM, FORTY-EIGHT (48) HOURS WRITTEN NOTIFICATION BY THE CONTRACTOR.

TEMPORARY DEMOLITION 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 DEMOLITION.
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 ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
4. NO TRENCHES OR HOLES NEAR WALKWAYS OR IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS WRITTEN PERMISSION OF THE CITY OR RESPECTIVE GOVERNING AGENCY.

WASTE MANAGEMENT PLAN

1. IMPLEMENT A WASTE MANAGEMENT PLAN FOR APPROVED BY THE OWNER. PROVIDE HANDLING, CONTAINERS, STORAGE, SIGNAGE, TRANSPORTATION AND OTHER ITEMS AS NEEDED TO IMPLEMENT THE WASTE MANAGEMENT PLAN DURING THE ENTIRE DURATION OF THE CONTRACT.
2. DESIGNATE A WASTE MANAGEMENT COORDINATOR TO BE RESPONSIBLE FOR IMPLEMENTING, MONITORING AND REPORTING STATUS OF WASTE MANAGEMENT WORK PLAN. COORDINATOR SHALL BE PRESENT AT PROJECT SITE FULL TIME FOR DURATION OF PROJECT.
3. TRAIN WORKERS, SUBCONTRACTORS AND SUPPLIERS ON PROPER WASTE MANAGEMENT PROCEDURES, AS APPROPRIATE FOR THE WORK OCCURING AT THE PROJECT SITE.
4. DISTRIBUTE A WASTE MANAGEMENT PLAN BEFORE WORK BEGINS. REVIEW PLAN PROCEDURES AND LOCATION ESTABLISHED FOR SALVAGE, RECYCLING AND DISPOSAL.

RECYCLING DEMOLITION WASTE

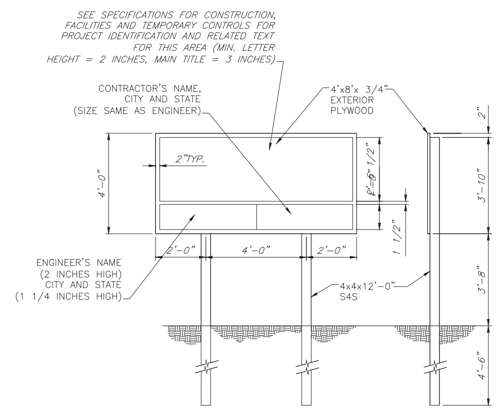
1. SEPARATE RECYCLABLE WASTE FROM OTHER WASTE MATERIALS, TRASH AND DEBRIS. SEPARATE RECYCLABLE WASTE BY TYPE AT THE PROJECT SITE TO THE MAXIMUM EXTENT PRACTICAL.
2. PROVIDE APPROPRIATELY MARKED CONTAINERS OR BINS FOR CONTROLLING RECYCLABLE WASTE UNTIL THEY ARE REMOVED FROM THE PROJECT SITE. INCLUDE A LIST OF ACCEPTABLE AND UNACCEPTABLE MATERIALS AT EACH CONTAINER AND BIN.
2.1. INSPECT CONTAINERS AND BINS FOR CONTAMINATION AND REMOVE CONTAMINATED MATERIALS IF FOUND.
3. STOCKPILE PROCESSED MATERIALS ON-SITE WITHOUT INTERMIXING WITH OTHER MATERIALS. PLACE, GRADE AND SHAPE STOCKPILES TO DRAIN SURFACE WATER. COVER TO PREVENT WINDBLOWN DUST.
4. STOCKPILE MATERIALS AWAY FROM DEMOLITION AREA. DO NOT STORE WITHIN DRIP LINE OF REMAINING TREES.
5. STORE COMPONENTS OFF THE GROUND AND PROTECT FROM THE WEATHER.
6. REMOVE RECYCLABLE WASTE OFF THE OWNER'S PROPERTY AND TRANSPORT TO RECYCLING RECEIVER OR PROCESSOR.
7. ASPHALTIC CONCRETE PAVING: BREAK UP AND TRANSPORT PAVING TO ASPHALT RECYCLING FACILITY.
8. CONCRETE: REMOVE REINFORCEMENT AND OTHER METALS FROM CONCRETE AND SORT WITH OTHER METALS.
9. MASONRY: MASONRY WASTE SHALL INCLUDE WHOLE OR BROKEN BRICK AND CONCRETE MASONRY UNITS. WHOLE MASONRY UNITS SHALL BE CLEANED AND REUSED OR DONATED. BROKEN MASONRY SHALL BE CRUSHED AND USED AS FILL FOR OFFSITE AREAS. REMOVE METAL REINFORCEMENT, ANCHORS AND TIES FROM MASONRY AND SORT WITH OTHER METALS.
10. METALS: METALS FROM REINFORCED CONCRETE, REINFORCED MASONRY, STRUCTURAL STEEL MEMBERS, FLASHING AND SHEET METAL, CONDUIT PIPE, SIDING, PIPING AND WIRING SHALL BE SEPARATED BY TYPE.
10.1. STRUCTURAL STEEL: STACK MEMBERS ACCORDING TO THEIR SIZE, TYPE AND LENGTH.
10.2. REMOVE BOLTS, NUTS, WASHERS AND OTHER ROUGH HARDWARE.
11. SITE-CLEARING WASTE SHALL BE RECYCLED BY CHIPPING BRUSH, BRANCHES AND TREES, THEN HAUL TO NEAREST WOOD RECYCLING CENTER.

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.
3. DISPOSAL: TRANSPORT WASTE MATERIALS OFF THE OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM.

ABBREVIATIONS LEGEND

INV. = PIPE INVERT ELEVATION
E.O.P. = EDGE OF PAVEMENT
NGVD = NATIONAL GEODETIC VERTICAL DATUM
NAVD = NORTH AMERICAN VERTICAL DATUM



NOTE:
LETTERS SHALL BE HELVETICA MEDIUM BLUE (PANTONE 301) ON WHITE BACKGROUND. BORDER SHALL BE BLUE (PANTONE 301)

PROJECT SIGN (108)

CITY OF FORT LAUDERDALE CONSTRUCTION PROJECT STANDARD SIGN DETAIL

N.T.S.

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 7879
PHONE 850.521.0344 - FAX 850.521.0345
1967 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL - ENVIRONMENTAL - TRANSPORTATION
SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS

Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHANNON E. HUFFY PE#: 91838

Submittal

Phase	Date	Drw	Chk
100% CONSTRUCTION DOCUMENTS	08-07-26	KOP	KRM

Revision

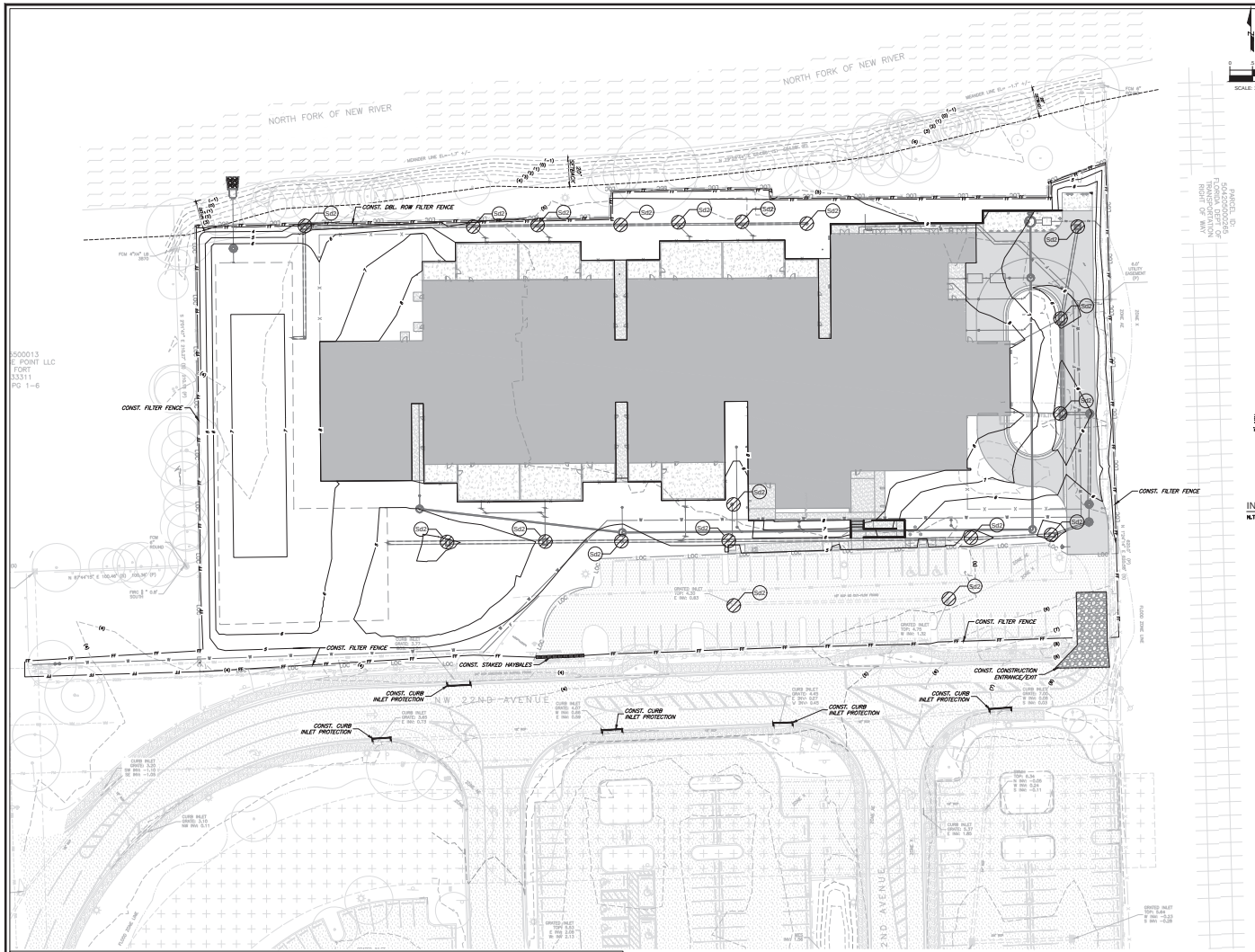
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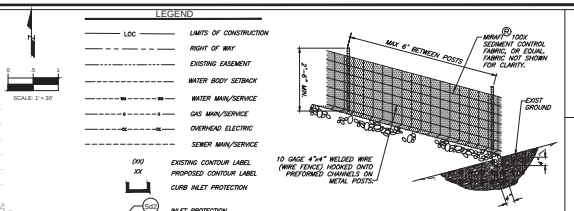
CRA Project # 24039.01
Phase: **100% CONSTRUCTION DOCUMENTS**

SHEET TITLE
EROSION CONTROL & DEMOLITION NOTES

C 201

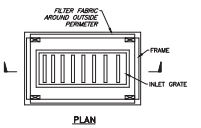
KMANN August 6, 2026 P:\Projects\26-5629 CRA Broward DJJ\Drawings\Civil\C 201 Demolition and Erosion Control Details and Notes.dwg LAST SAVE:8/6/2026 PLOT DATE:8/6/2026 7:48 PM





NOTES:
1. DRIVE WOOD POSTS (1.3 LBS/FT MIN) 18" MIN INTO GROUND AND EXCAVATE A 4"X4" TRENCH UPHILL 3' LONG (MIN) ALONG LINE OF POSTS. WOOD.
2. POSTS 4" IN DIAMETER OR 2"x4" MAY BE USED. ATTACH WIRE FENCE TO POSTS AND EXTEND THE BOTTOM OF THE FENCE 8" INTO THE EXCAVATED TRENCH. ALTERNATE - USE SEDIMENT CONTROL FABRIC WITH PRE-SEWN POCKETS FOR POSTS SO THAT WIRE FENCE IS NOT REQ'D.
3. ATTACH THE SEDIMENT CONTROL FABRIC (36" WIDE) TO THE WIRE FENCE W/METAL CLIPS OR WIRE AND EXTEND THE BOTTOM OF THE FABRIC 6" INTO THE TRENCH.
4. BOTTOM OF SEDIMENT CONTROL FABRIC MUST BE PLACED IN TRENCH AND SECURED WITH GRANULAR FILL TO A HEIGHT OF 6" ABOVE GROUND LEVEL, SO THAT RUNOFF IS FORCED TO GO THROUGH THE FENCE AND CANNOT GO UNDER IT.
5. SILT FENCE SHALL BE MAINTAINED AND TRAPPED SEDIMENTS SHALL BE REMOVED BY THE CONTRACTOR PERIODICALLY AS DETERMINED BY THE ENGINEER OR AS NECESSARY (MAX. 6 MONTHS).
6. THE CONTRACTOR IS REQUIRED TO REMOVE ALL SILT FENCES AND AREA TO BE RESTORED TO THE ORIGINAL CONDITION UPON COMPLETION OF CONSTRUCTION.

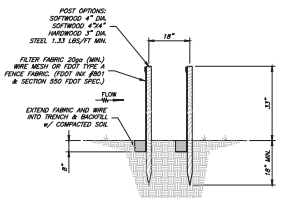
SILT FENCE DETAIL (105)



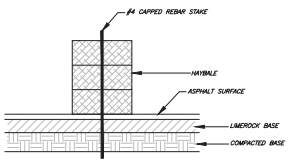
INLET PROTECTION
N.T.S. EC-013

FILTER FENCE MAINTENANCE

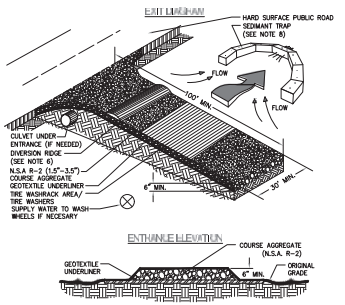
1. SYNTHETIC FILTER FENCE SHALL BE A FDOT TYPE III OR APPROVED EQUIVALENT PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER, OR POLYETHYLENE YARN. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0°F TO 120°F (-17C TO 49C)
2. FILTER FENCE SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
3. SHOULD THE FABRIC ON A FILTER FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE FILTER FENCE STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
4. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE FILTER FENCE.
5. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE FILTER FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.



DOUBLE ROW FILTER FENCE DETAILS
N.T.S. EC-008



STAKED HAYBALES ON ASPHALT SURFACE
N.T.S. EC-015

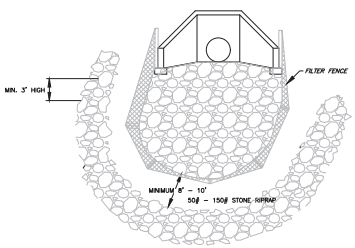


MAINTENANCE:
THE EXIT SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES TO TRAP SEDIMENT. ALL MATERIAL SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. CONTRACTOR SHALL MAINTAIN CONSTRUCTION EXIT IN EFFECTIVE CONDITION FOR DURATION OF CONSTRUCTION ACTIVITIES.

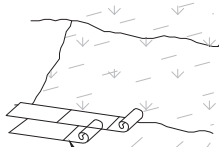
NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 30'.
6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN
(DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
11. THE GEOTEXTILE UNDERLINER MUST BE PLACED THE FULL LENGTH AND WIDTH OF THE ENTRANCE. GEOTEXTILE SELECTION SHALL MEET CURRENT AASHTO M288 REQUIREMENTS.

SPECIFICATION:
A. FOR SUBGRADES WITH CBR GREATER THAN OR EQUAL TO 3 OR SHEAR STRENGTH GREATER THAN 90 kPa, GEOTEXTILE MUST MEET REQUIRES OF SECTION AASHTO M288 SECTION 7.3, SEPARATION REQUIREMENTS.
B. FOR SUBGRADES WITH CBR BETWEEN 1 AND 3 OR SHEER STRENGTH BETWEEN 30 AND 90 kPa, GEOTEXTILE MUST MEET REQUIREMENTS OF SECTION AASHTO M288 SECTION 8, GEOTEXTILE PROPERTY REQUIREMENTS FOR SUBSURFACE DRAINAGE, SEPARATION, STABILIZATION, AND PERMANENT EROSION CONTROL (GEOTEXTILE PROPERTY REQUIREMENTS).

Co CONSTRUCTION EXIT
NOT TO SCALE



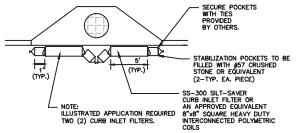
STONE FILTER RING
N.T.S. EC-011



DISTURBED AREA SOD STABILIZATION
N.T.S. EC-019

DEFINITION
A FILTER DESIGN TO BE PLACED IN FRONT OF A CURB INLET OR OPENING TO PREVENT THE MIGRATION OF SILT INTO THE STORM DRAIN SYSTEM.

PURPOSE
TO REDUCE TURBIDITY OF DOWNSTREAM WATERS BY ELIMINATING SILT BUILD-UP IN STORM DRAIN SYSTEMS THROUGH THE CURB INLETS.



INSTALLATION
1. IDENTIFY OPENING DIMENSIONS TO DETERMINE HOW MANY FILTERS ARE REQUIRED.
2. COMPLETELY FILL THE ROCK CHAMBERS AT EACH END OF THE FILTER.
3. SECURE THE OPEN ENDS OF THE ROCK CHAMBERS WITH TIE WIRES. FOR LARGER OPENINGS, SIMPLY PLACE FILTERS END TO END.

MAINTENANCE
ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHOULD BE INSPECTED DAILY, REMOVE SEDIMENT AND DISPOSE IN A PROPER MANNER. INSPECT FILTER FOR CUTS, ABRASIONS AND PROPER INSTALLATION, REPLACE OR REPOSITION AS NECESSARY. DISCONTINUE USE IF CURB INLET FILTRATION CREATES TRAFFIC HAZARD.

CURB INLET PROTECTION
N.T.S.

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2829
PHONE 850.521.0344 • FAX 850.521.0345
1867 Commonwealth Lane, Suite 200
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BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

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CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHARON E. HUFF PE#: 59828

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/04	SJF	DAJ

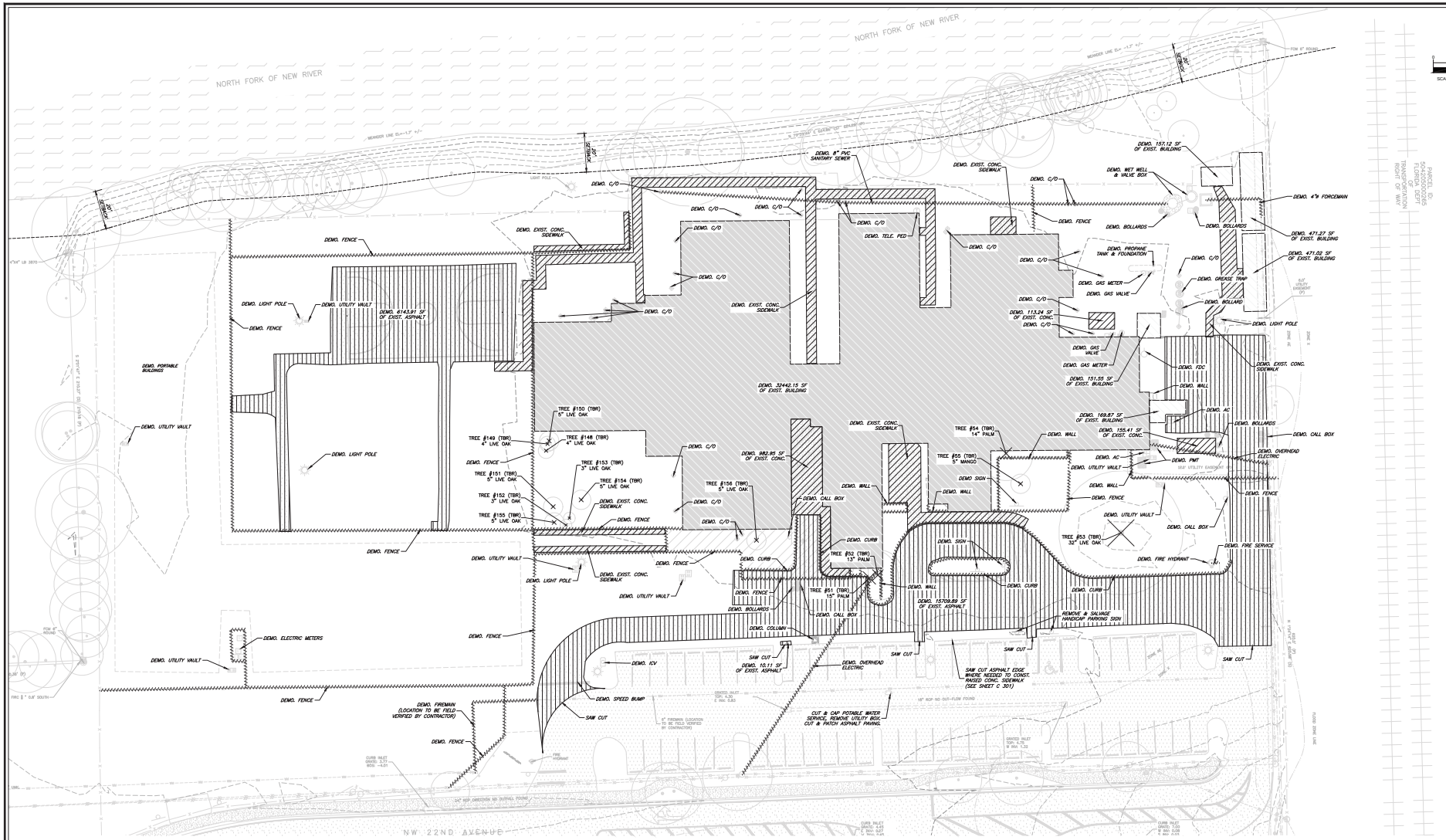
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
EROSION CONTROL PLAN

C 202



LEGEND

- LOC — LIMITS OF CONSTRUCTION
- RIGHT OF WAY
- EXISTING EASEMENT
- WATER BODY SETBACK
- DEMO. EXIST. FEATURE
- W — W — W — WATER MAIN/SERVICE
- G — G — G — GAS MAIN/SERVICE
- OE — OE — OE — OVERHEAD ELECTRIC
- S — S — S — SEWER MAIN/SERVICE
- (XX) XX — EXISTING CONTOUR LABEL / PROPOSED CONTOUR LABEL
- DEMO. EXIST. CONCRETE
- DEMO. EXIST. BUILDING
- DEMO. EXIST. ASPHALT PAVING

TREE REMOVAL LEGEND

- TBR — TREE TO BE REMOVED
- TREE TO REMAIN & UNDISTURBED BY CONSTRUCTION ACTIVITIES

DEMOLITION NOTES:

1. THIS SITE MAY CONTAIN EXISTING UTILITY LINES, UTILITY STRUCTURES AND MISCELLANEOUS UTILITY EQUIPMENT THAT MAY NOT HAVE BEEN SURVEYED AND IN CONFLICT WITH PROPOSED CONSTRUCTION.
2. ALL UTILITIES MUST REMAIN IN OPERATION THROUGHOUT CONSTRUCTION ACTIVITIES FOR THIS PROJECT. FOR ANY REASON THERE IS AN ANTICIPATED DISRUPTION IN SERVICE, COORDINATE WITH DLI PROJECT MANAGER TWO WEEKS IN ADVANCE.
3. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER(S) AND CIVIL ENGINEER FOR ANY AND ALL UTILITIES THAT MAY BE IN CONFLICT WITH PROPOSED CONSTRUCTION ACTIVITIES.
4. WHERE EXISTING ITEMS SUCH AS ASPHALT, CONCRETE CURB AND GUTTER, ETC. ARE SHOWN TO BE REMOVED, THESE ITEMS SHALL BE SAW CUT.
5. CONTRACTOR TO VERIFY ALL DEPTHS OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
6. CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL, RELOCATION AND DEMOLITION IN ORDER TO CONSTRUCT THE PROPOSED PROJECT IMPROVEMENTS WHETHER CALLED OUT FOR REMOVAL OR NOT.
7. CONTRACTOR RESPONSIBLE TO ADJUST ALL UTILITIES AND VALVES TO FINISH GRADE.
8. CONTRACTOR RESPONSIBLE TO DEFLECT ANY UTILITIES NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
9. CONTRACTOR RESPONSIBLE FOR ANY DAMAGE TO EXISTING INFRASTRUCTURE, TREES, LANDSCAPE OR ANY OTHER MISC ITEMS THAT ARE TO REMAIN. CONTRACTOR SHALL RESTORE TO PRE-DEVELOPMENT CONDITION.
10. CONTRACTOR TO INCLUDE ANY UTILITY RELOCATION COSTS IN BID AND TO COORDINATE WITH UTILITY PROVIDERS.
11. CONTRACTOR TO COORDINATE WITH PROPERTY OWNER STORAGE LOCATION OF SALVAGED ITEMS.
12. PAVEMENT MARKINGS TO BE REMOVED BY EITHER WATER BLASTING OR MILLING AND RESURFACING. GRINDING WILL NOT BE ACCEPTABLE. MILLING AND RESURFACING PER FDOT SPECIFICATIONS 327.
13. DEMOLITION OF ON-SITE INFRASTRUCTURE SUCH AS ELECTRICAL, MECHANICAL, PLUMBING AND EXISTING BUILDING STRUCTURES WILL NEED TO BE COORDINATED WITH FLORIDA STATE UNIVERSITY STAFF AND LOCAL UTILITY PROVIDER.
14. DEMOLITION OF EXISTING BUILDING INCLUDES REMOVAL OF FOUNDATIONS, ELECTRICAL, MECHANICAL, AND PLUMBING SYSTEMS.
15. WATER, SEWER, AND ELECTRIC ARE OWNED BY THE CITY OF FT. LAUDERDALE. CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITY PROVIDERS.
16. GAS IS OWNED BY TAMPA ELECTRIC COOPERATIVE, THERE ARE NO EXISTING NATURAL GAS SERVICE OR MAINS IN THE PROJECT AREA PER TECO REPRESENTATIVE.
17. CONTRACTOR TO REPLACE ALL ON-SITE INLET PRE-TREATMENT SEDIMENT TRAPS AT THE END OF CONSTRUCTION ACTIVITIES.
18. CONTRACTOR TO FLUSH, WITH CLEAN WATER, ALL EXFILTRATION TRENCHES AT THE END OF CONSTRUCTION ACTIVITIES.

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SHARON E. HUFF PE#: 81618

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/14/21	SCP	SEH

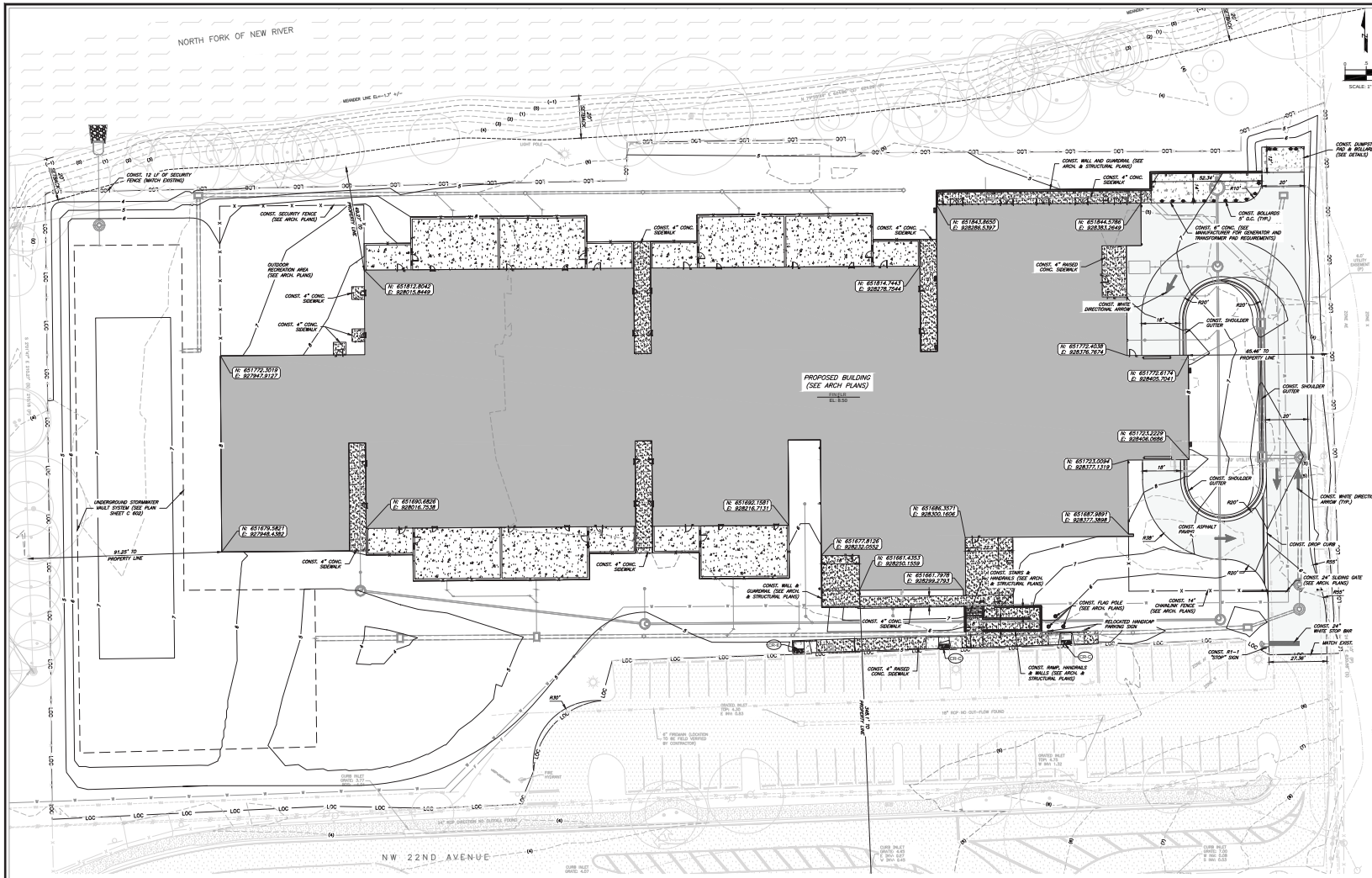
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
DEMOLITION PLAN

C 203



SCALE: 1" = 20'

SITE PLAN HATCH LEGEND

- PROPOSED ASPHALT PAVING
- PROPOSED 4" CONCRETE SIDEWALK
- PROPOSED BUILDING
- PROPOSED 6" CONCRETE PAVING

LINE TYPE LEGEND

- LOC — LIMIT OF CONSTRUCTION
- RIGHT OF WAY
- X — X — CHAINLINK FENCE
- WATER BODY SETBACK
- FLOODPLAIN
- UTILITY EASEMENT
- RETAINING WALL
- (XX) EXISTING CONTOUR LABEL
- XX PROPOSED CONTOUR LABEL

TYPICAL SYMBOLS

- FDOT CURB RAMP CALL OUT (ALL CURB RAMPS SHALL HAVE DETECTABLE WARNINGS)

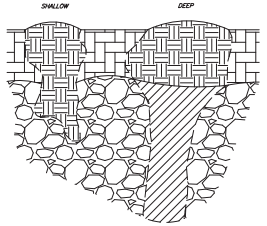
NOTE:
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH FDOT INDEX 711-001.
- ALL CONCRETE FOR ADA RAMPS IS TO BE 6" THICK.

TYPICAL SITE NOTES

1. THIS SITE MAY CONTAIN EXISTING UTILITY LINES, UTILITY STRUCTURES AND MISCELLANEOUS UTILITY EQUIPMENT THAT MAY NOT HAVE BEEN SURVEYED AND IN CONFLICT WITH PROPOSED CONSTRUCTION.
2. PROVIDE BACKFLOW PROTECTION PER RULES AND REGULATIONS FOR BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL, LATEST EDITION.
3. SUBMIT SHOP DRAWINGS SHOWING MANUFACTURERS' DRAWINGS AND SPECIFICATIONS INDICATING COMPLETE DETAIL OF ALL ITEMS. THE DETAIL SHALL INCLUDE MATERIAL SPECIFICATIONS, PRESSURE CLASS, CERTIFICATIONS, JOINT TYPES, GASKET INFORMATION, LININGS, COATINGS, INSTALLATION AND TESTING PROCEDURES AND OTHER PERTINENT INFORMATION NECESSARY TO ASSURE THAT PROPOSED MATERIALS COMPLY WITH ALL TECHNICAL SPECIFICATIONS. SHOP DRAWINGS ARE TO BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND SHIPMENT OF ITEMS.
4. CONTRACTOR RESPONSIBLE FOR ADJUSTING ALL UTILITIES TO FINISH GRADE, INCLUDING BUT NOT LIMITED TO VALVES, VAULTS, FIRE APPARATUSES, ETC. ABOVE GROUND WATER VALVES, BFP, WATER METERS SHALL BE COVERED WITH FIBERGLASS INSULATED COVER OR ALTERNATE COVER AS REQUESTED BY OWNER.
5. CLEARANCE OF 7.5' SHALL BE MAINTAINED TO THE FRONT AND SIDES AND 4' TO THE REAR OF ALL FIRE APPLIANCES. (I.E., HYDRANTS, BACKFLOW PREVENTER, POST INDICATOR VALVES, FIRE DEPARTMENT CONNECTIONS.
6. EXISTING UTILITY LINES ARE ACTIVE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE DISRUPTION OF SERVICES IS MINIMIZED AND ALL ACTIVE SERVICES ARE RESTORED TO WORKING CONDITIONS. IF UTILITY OUTAGES ARE ANTICIPATED, MUST NOTIFY OWNER 14 DAYS IN ADVANCE.
7. CONTRACTOR RESPONSIBLE TO DEFLECT UTILITIES AS NEEDED TO CONSTRUCT PROPOSED IMPROVEMENTS.
8. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER(S) AND CIVIL ENGINEER FOR ANY AND ALL UTILITIES THAT MAY BE IN CONFLICT WITH PROPOSED CONSTRUCTION.
9. WHERE EXISTING ITEMS SUCH AS ASPHALT, CONCRETE CURB AND GUTTER, ETC. ARE SHOWN TO BE REMOVED, THESE ITEMS SHALL BE SAWCUT.
10. CONTRACTOR RESPONSIBLE TO ADJUST ALL UTILITIES AND VALVES TO FINISH GRADE.
11. CONTRACTOR TO PROVIDE SECURED FENCED CONSTRUCTION SITE. CONSTRUCTION FENCING LOCATION SHALL BE COORDINATED WITH FSU PROJECT MANAGER.
12. SOD ALL DISTURBED AREAS.
13. WATER AND SEWER SERVICES SHALL MAINTAIN MINIMUM 6" HORIZONTAL CLEARANCE.

SINK HOLE REPAIR PLAN

IN THE EVENT A SINK HOLE SHOULD APPEAR OR DEVELOP WITHIN THE BOUNDARY LINES OF THE PROJECT AREA, THE OWNER SHALL CONSULT WITH A GEO-TECHNICAL ENGINEER OR PERSON(S) WITH EXPERIENCE IN THE AREA TO REPAIR THE SINK HOLE IN A TIMELY MANNER.



NOTES: THE FOLLOWING SHALL BE PERFORMED IN THE EVENT ANY KARST FEATURES FORM DURING CONSTRUCTION – E.G. SOLUTION CAVITIES, CHANNELS, SINKHOLES

1. NOTIFY THE WATER MANAGEMENT DISTRICT AND THE APPLICABLE MUNICIPAL OR COUNTY PUBLIC WORKS IMMEDIATELY WHEN THE FEATURES ARE ENCOUNTERED. THE METHOD OF REPAIR SHALL BE SUBMITTED FOR REVIEW, COMMENT, AND APPROVAL PRIOR TO ATTEMPTING ANY REPAIR.

2. SHALLOW KARST FEATURES ARE TYPICALLY LESS THAN 5' DEEP AND ONLY HAVE SMALL VOIDS IN THE LIMESTONE. THE FEATURE CAN BE REPAIRED BY BACKFILLING WITH A LOWER-PERMEABILITY MATERIAL SUCH AS CLAYEY-SAND OR CLAY. COMPACT THE BACKFILL AND CREATE A SMALL MOUND SLIGHTLY ABOVE GRADE TO ACCOUNT FOR SETTLING.

3. DEEP KARST FEATURES SHALL BE REPAIRED MORE PERMANENTLY. EXCAVATE THE FEATURE TO THE LIMESTONE BEDROCK. PLUG VOIDS IN THE BEDROCK WITH CLEAN GROUT. BACKFILL OVER THE PLUG WITH A LOWER-PERMEABILITY MATERIAL SUCH AS CLAYEY-SAND OR CLAY. COMPACT THE BACKFILL TO GRADE.

KARST FEATURE REPAIR DETAIL

SCALE: NTS

SITE DATA TABLE

	Sq. Ft.	Acres	% of Site
Total Parcel Size			
Area Within the Limits of Construction	168,687	3.87	100.00%
Existing Impervious Area	**Sq. Ft.**	**Acres**	**% of Site**
Existing Asphalt Paving	21,683	0.50	12.87%
Existing Concrete	3,621	0.08	2.15%
Existing Building	35,805	0.78	21.23%
Previously Demo'd Handicapped	7,712	0.18	4.57%
Previously Demo'd Building	9,522	0.15	5.21%
Total Existing Impervious Area	**78,384**	**1.80**	**49.02%**
Existing Impervious Area to be Removed	**Sq. Ft.**	**Acres**	**% of Site**
Existing Concrete	3,621	0.15	4.15%
Existing Asphalt Paving	21,683	0.50	12.87%
Total Building Demolition	35,805	0.79	21.18%
Previously Demo 'd Handicapped	7,712	0.19	4.89%
Previously Demo 'd Buildings	9,522	0.19	5.21%
Total Impervious Area to be Removed	**78,384**	**1.80**	**49.52%**
Proposed Impervious	**Sq. Ft.**	**Acres**	**% of Site**
Proposed Building	54,615	1.25	32.15%
Proposed Concrete Sidewalk	15,815	0.36	9.38%
Proposed Asphalt Paving	5,898	0.22	3.85%
Total Proposed Impervious Area	**76,324**	**1.83**	**49.39%**
Post Construction	**Sq. Ft.**	**Acres**	**% of Site**
Total Impervious Area Post Construction	78,324	1.83	46.39%
Total Pervious Area Post Construction	74,664	1.84	50.61%

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SHARON E. HUFF PE# 81618

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/14/21	SJF	LSM

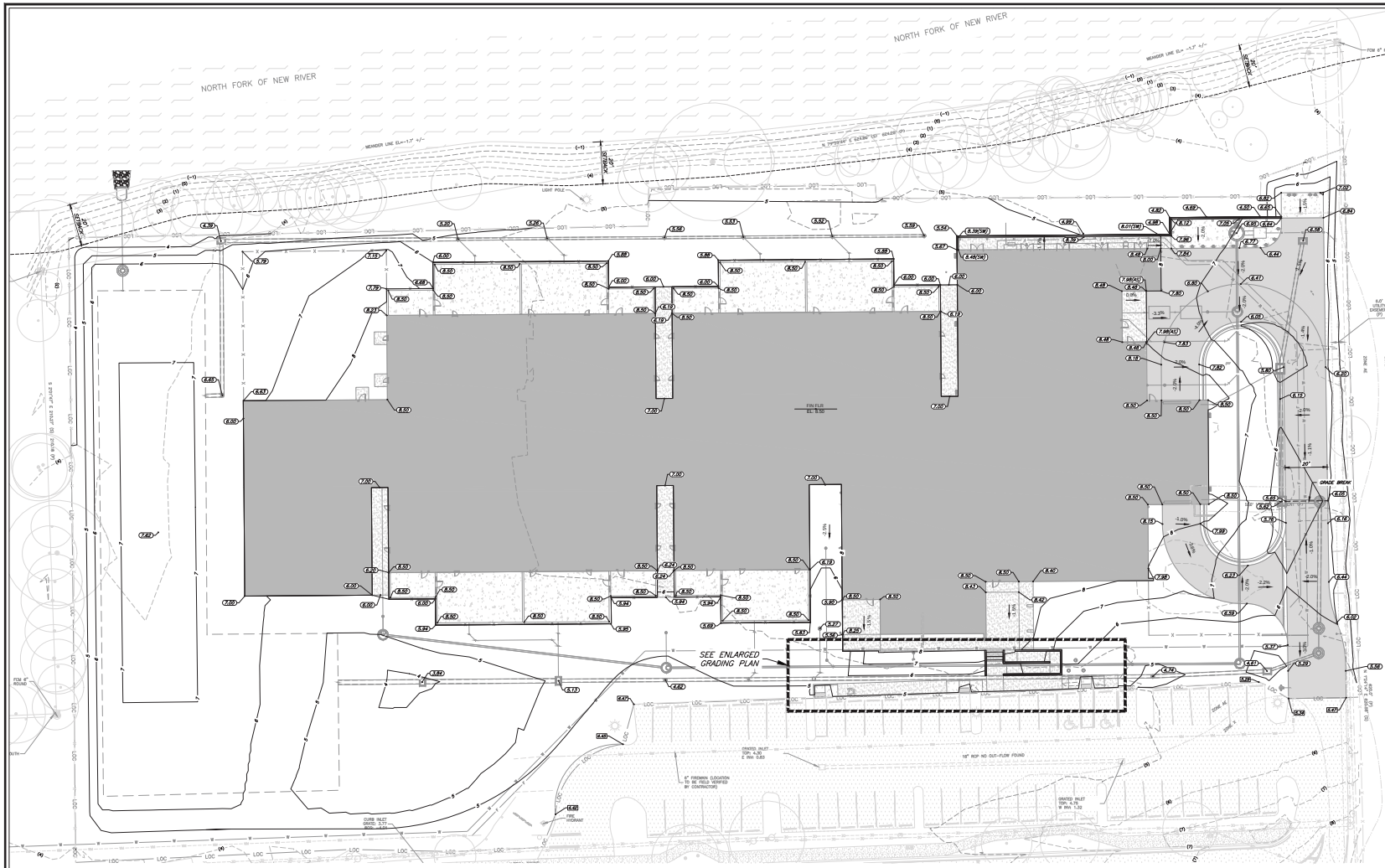
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
SITE PLAN

C 301



SITE PLAN HATCH LEGEND

- PROPOSED ASPHALT PAVING
- PROPOSED 4" CONCRETE SIDEWALK
- PROPOSED BUILDING
- PROPOSED 6" CONCRETE PAVING

SCALE: 1" = 20'

LINE TYPE LEGEND

- LOC — LIMIT OF CONSTRUCTION
- RIGHT OF WAY
- x — x — CHAINLINK FENCE
- WATER BODY SETBACK
- FLOODPLAIN
- UTILITY EASEMENT
- RETAINING WALL
- (XX) — EXISTING CONTOUR LABEL
- XX — PROPOSED CONTOUR LABEL

SPOT ELEVATION LEGEND

- XXX — EXISTING SPOT ELEVATION
- XXX(AS) — PROPOSED SPOT ELEVATION FOR ASPHALT PAVING WITH RAISED CONC. SIDEWALK
- XXX(SW) — PROPOSED SPOT ELEVATION FOR RAISED CONC. SIDEWALK
- XXX (TOC) — PROPOSED SPOT ELEVATION TOP OF CURB
- XXX (TOW) — PROPOSED SPOT ELEVATION TOP OF WALL
- XXX — PROPOSED TYPICAL SPOT ELEVATION

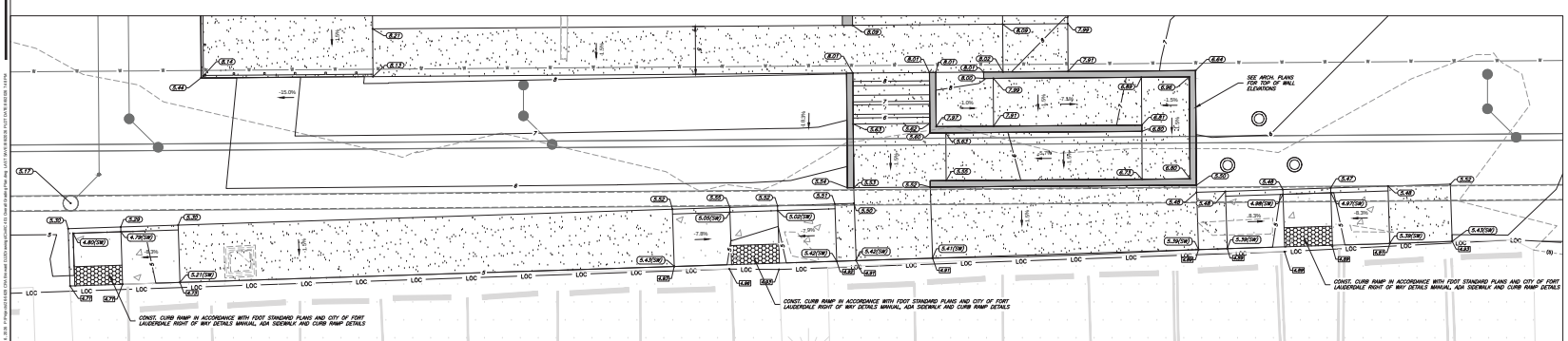
ADA COMPLIANCE NOTES

CONTRACTOR NOTICE 2023 (EFFECTIVE DECEMBER 31, 2023)

THE CONTRACTOR & OWNER WILL BE HELD ACCOUNTABLE DURING CONSTRUCTION FOR ALL ADA REQUIREMENTS TO COMPLY WITH FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION (FBC–A), IS MANDATORY. IF NON–COMPLIANT AT FINAL INSPECTION, CONTRACTOR WILL BE REQUIRED TO MODIFY CONSTRUCTION TO COMPLY WITH F.S. FBC–A & FBC–B. THE FOLLOWING ITEMS TAKE PRECEDENCE AND SUPERSEDE OTHER SITE DETAILS ON DRAWINGS:

1. ACCESSIBLE PARKING SPACES SHALL BE LOCATED ON AN ACCESSIBLE ROUTE NO LESS THAN 44" WIDE SO THAT USERS WILL NOT BE COMPELLED TO WALK OR WHEEL BEHIND PARKED VEHICLES EXCEPT BEHIND HIS OR HER OWN VEHICLE. RE: §208.3 & §502.3, FBC–A AND F.S. 553.5041. –
2. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE FROM THE ACCESSIBLE (H/C) PARKING TO AN ACCESSIBLE ENTRANCE. §208.3.1 FBC–A & F.S. 553.5041(3)(B). –
3. ACCESSIBLE PARKING SPACES SHALL BE 12 FT WIDE & OUTLINED WITH BLUE PAINT. §502.2 & §502.6 FBC–A.
4. ACCESS AISLES REQUIRED ADJACENT TO PARKING SPACES SHALL BE 5 FT WIDE WITH DIAGONAL STRIPING. §502.3.1, FBC–A
5. ACCESSIBLE PARKING AND ACCESS AISLES SHALL BE LEVEL (NOT TO EXCEED 1:48) ON A STABLE, FIRM & SLIP RESISTANT SURFACE. RE: §302.1 & §502.4, FBC–A
6. ACCESSIBLE PARKING IDENTIFICATION SIGNS SHALL BE FDOT APPROVED AND SHALL READ "PARKING BY DISABLED PERMIT ONLY" AND SHALL INDICATE A $250 FINE FOR ILLEGAL USE. INSTALL SIGNS A MINIMUM 60 INCHES FROM THE GROUND TO THE BOTTOM OF THE SIGN(S). RE: §502.6 FBC–A AND F.S 553.5041.
7. CURB RAMPS SHALL NOT EXCEED 1:12 SLOPE, AND CURB RAMP FLARES SHALL NOT EXCEED 1:10 SLOPE. CURB RAMPS AND FLARED SIDES SHALL NOT ENCROACH UPON PARKING SPACES, ACCESS AISLES, OR VEHICULAR TRAFFIC LANES. THE COUNTER SLOPE OF ADJACENT ROAD SURFACES & GUTTERS SHALL NOT EXCEED 1:20. RE: §405.2 & §406, FBC–A
8. CURB RAMPS SHALL HAVE A LANDING WITH A MINIMUM CLEAR WIDTH OF 36 INCHES AT THE TOP OF THE CURB RAMP AT THE SIDE OF EACH CURB RAMP, A CLEAR WIDTH AT LEAST AS WIDE AS THE CURB RAMP (EXCLUDING FLARED SIDES) LEADING TO IT. EXCEPTION: FOR ALTERATIONS, WHERE THERE IS NO LANDING, CURB RAMP FLARES SHALL BE PROVIDED, AND SHALL NOT BE STEEPER THAN 1:12 SLOPE. RE: §406.4 FBC–A
9. ALL RAMPS WITH A RISE GREATER THAN 6 INCHES SHALL PROVIDE EDGE PROTECTION COMPLYING WITH §405.9.1. RAMPS SHALL HAVE 60 INCHES MIN LEVEL LANDINGS AT THE TOP & BOTTOM. RE: §405.7, FBC–A.
10. ALL RAMPS WITH A RISE GREATER THAN 6" SHALL HAVE HANDRAILS ON BOTH SIDES WITH 12" HORIZONTAL EXTENSIONS AT THE TOP & BOTTOM OF THE RAMP. MAXIMUM RISE OF A RAMP RUN IS 30 INCHES ON AN ACCESSIBLE ROUTE. RE: §010.2.8 FBC–B (FLORIDA BUILDING CODE – BUILDING) AND §505.10 FBC–A.
11. ACCESSIBLE ROUTES TO MAIN ENTRY FROM AN ACCESSIBLE PARKING SPACE, AND FROM THE PUBLIC WAY, SHALL NOT EXCEED 1:20 SLOPE (UNLESS RAMPS WITH PROPER HANDRAILS & HANDRAIL EXTENSIONS ARE PROVIDED AND WITH A CROSS SLOPE NOT IN EXCESS OF 1:48). RE: §206, §402 AND §403.4, FBC–A.
12. *CONNECT BUILDINGS WITHIN THE SAME SITE WITH AN ACCESSIBLE ROUTE WHICH SHALL NOT EXCEED 1:20 SLOPE (UNLESS RAMPS AND HANDRAILS ARE PROVIDED) AND A MAXIMUM CROSS SLOPE OF 1:48. RE: §206 FBC–A.

* EXCEPTION: AN ACCESSIBLE ROUTE SHALL NOT BE REQUIRED BETWEEN SITE ARRIVAL POINTS AND THE BUILDING ENTRANCE IF THE ONLY ACCESSIBLE ELEMENT PROVIDED IS AN ACCESSIBLE PARKING SPACE AND THE ONLY MEANS OF ACCESS BETWEEN THEM IS A VEHICULAR WAY NOT PROVIDING PEDESTRIAN ACCESS. RE: §206.2.2 FBC–A



ENARGED ADA GRADING PLAN

SCALE: 1" = 5'

SITE GRADING NOTE:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE HANDICAP RAMPS AND ACCESSIBLE WALKWAYS BE CONSTRUCTED IN COMPLIANCE WITH BOTH FEDERAL AND STATE ADA ACCESSIBILITY CODES. UPON LAYOUT OF PROPOSED RAMPS OR ACCESSIBLE WALKWAYS IF THE CONTRACTOR IDENTIFIES A CONFLICT WITH THE REQUIRED STANDARDS IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION SO APPROPRIATE FIELD ADJUSTMENTS CAN BE PROVIDED.
2. IF THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER THEN IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RECONSTRUCT THE RAMPS OR ACCESSIBLE WALKWAY AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE STANDARD DETAILS.
3. CONTRACTOR SHALL MAINTAIN A MINIMUM SLOPE OF 1.00% ON ALL ASPHALT SURFACES. IF PROPOSED SLOPE IS LESS THAN 1.00% CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD IMMEDIATELY SO APPROPRIATE FIELD ADJUSTMENTS CAN BE MADE.

CITY OF FORT LAUDERDALE ADA CURB RAMP GRADING NOTES:

1. PUBLIC SIDEWALK CURB RAMPS SHALL BE CONSTRUCTED IN THE PUBLIC RIGHT OF WAY AT LOCATIONS THAT WILL PROVIDE CONTINUOUS UNOBSTRUCTED PEDESTRIAN CIRCULATION PATHS TO PEDESTRIAN AREAS, ELEMENTS, AND FACILITIES IN THE PUBLIC RIGHT OF WAY AND TO ACCESSIBLE PEDESTRIAN ROUTES ON ADJACENT SITES. CURBED FACILITIES WITH SIDEWALKS AND THOSE WITHOUT SIDEWALKS ARE TO BE PROVIDED WITH CURB RAMPS AT ALL PEDESTRIAN CROSSING LOCATIONS. AT INTERSECTIVE CURBED RETURNS, RAMPS CONSTRUCTED AT LOCATIONS WITHOUT SIDEWALKS SHALL HAVE A LANDING CONSTRUCTED AT THE TOP OF EACH RAMP.
2. THE LOCATION AND ORIENTATION OF CURB RAMPS SHALL BE AS SHOWN IN THE PLANS.
3. CURB RAMP RUNNING SLOPES AT UNRESTRAINED SITES SHALL NOT BE STEEPER THAN 1:12 AND CROSS SLOPE SHALL BE 0:02 OR FLATTER. TRANSITION SLOPES SHALL NOT BE STEEPER THAN 1:12.

WHEN ALTERING PEDESTRIAN FACILITIES WHERE EXISTING SITE DEVELOPMENT PRECLUDES THE ACCOMMODATION OF A RAMP RUN OF 5.0, A RUNNING SLOPE BETWEEN 1:12 AND 1:10 IS PERMITTED FOR A RISE OF 6" MAXIMUM AND A RUNNING SLOPE OF BETWEEN 1:10 AND 1:8 IS PERMITTED FOR A RISE OF 3" MAXIMUM. THE CROSS SLOPE OF THESE RAMP SEGMENTS FOR A CROSS SLOPE CANNOT BE FULLY MET, THE MINIMUM FEASIBLE CROSS SLOPE SHALL BE PROVIDED.

RAMP RUNNING SLOPE IS NOT REQUIRED TO EXCEED 8' IN LENGTH, EXCEPT AT SITES WHERE THE PLANS SPECIFY A GREATER LENGTH.

4. 6" A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP. THEN THE WALK SHALL HAVE TRANSITION SLOPES TO THE RAMP; THE MAXIMUM SLOPE OF THE TRANSITIONS SHALL BE 1:12. RAMPS WITH CURB RETURNS MAY BE USED AT LOCATIONS WHERE OTHER IMPROVEMENTS PROVIDE GUIDANCE AWAY FROM THAT PORTION OF THE CURB PERPENDICULAR TO THE SIDEWALK. IMPROVEMENTS FOR GUIDANCE ARE NOT REQUIRED AT CURB RAMPS FOR LINEAR PEDESTRIAN TRAFFIC.
5. CURB RAMP DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24" FROM THE BACK OF THE CURB. DETECTABLE WARNING SURFACES SHALL BE VANGUARD, ARMOR TILE, OR APPROVED EQUAL.
6. WHERE A RAMP IS CONSTRUCTED WITHIN EXISTING 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 TRANSITIONS OR TO THE EXTENT THAT NO REMAINING SECTION OF CURB OR CURB AND GUTTER IS LESS THAN 5' LONG. THE EXISTING SIDEWALK SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE TRANSITIONS LONG OR WALK AROUND OR TO THE EXTENT THAT NO REMAINING SECTION OF SIDEWALK IS LESS THAN 5' LONG.
7. DETECTABLE WARNING SURFACE COLOR SHALL CONTRAST WITH SURROUNDING SURFACE AS DIRECTED BY CITY ENGINEER (DEFAULT COLOR IS YELLOW).

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2829
PHONE 850.521.0344 - FAX 850.521.0345
1867 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL - ENVIRONMENTAL - TRANSPORTATION SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHARON E. HUFF PE#: 89838

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/04	SJF	DAJ

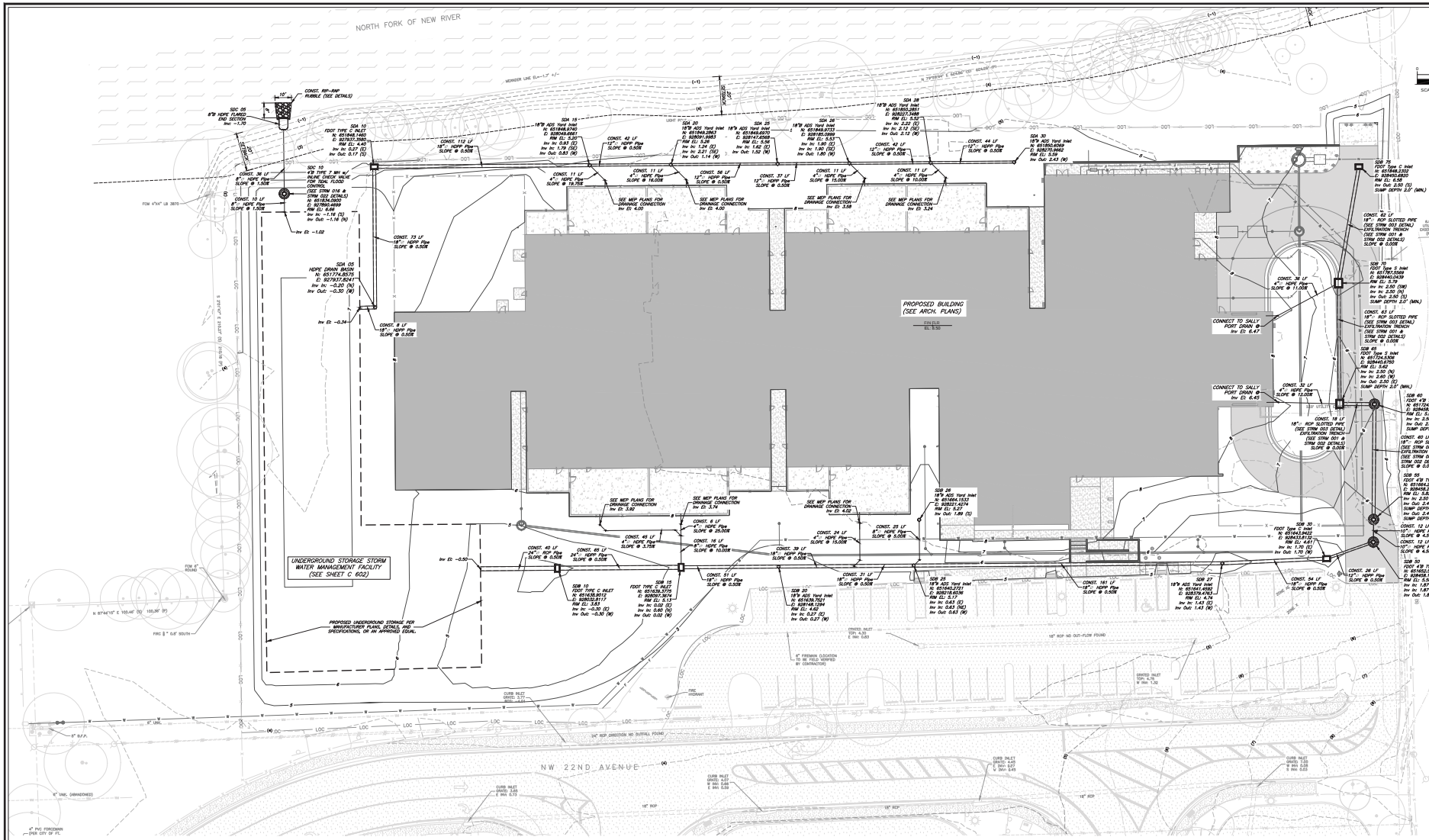
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE:
GRADING PLAN

C 401

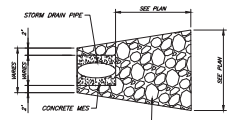


LINE TYPE LEGEND

- RIGHT OF WAY
- WATER BODY SETBACK
- EXISTING EASEMENT
- PROPOSED EASEMENT
- (XX) EXISTING CONTOUR LABEL
- XX PROPOSED CONTOUR LABEL

UTILITY LINETYPE LEGEND

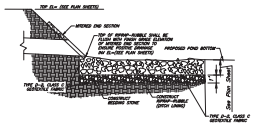
- W WATER MAIN
- F FIRE MAIN
- S SANITARY SEWER
- D STORM DRAIN
- G GAS



0.7'ø RIP-RAP (SEE TYPICAL SECTION FOR RIP-RAP DITCH)

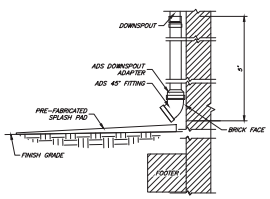
TYPICAL RIP-RAP DETAIL AT MITERED END SECTION

SCALE: NTS



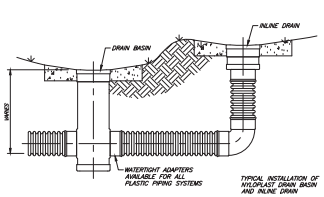
TYPICAL RIP-RAP DETAIL - SECTION VIEW - AT

SCALE: NTS



SPLASH PAD DETAIL

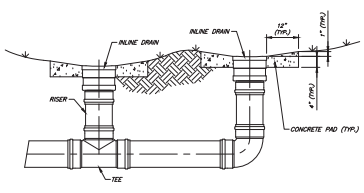
SCALE: NTS



TYPICAL ADS INLET W/CONCRETE COLLAR

SCALE: NTS

TYPICAL INSTALLATION OF NYLOPLAST DRAIN BASIN AND INLINE DRAIN



NOTE:
SEE DRAINAGE PLAN FOR INVERTS & DEPTHS.
1' MIN COVER REQUIRED ON ALL PIPES.

George & Associates Consulting Engineers, Inc.
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PHONE 850.521.0344 - FAX 850.521.0345
8567 Commonwealth Lane, Suite 200
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SHARON E. HUFF PE#: 81618

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/16	SCP	SEH

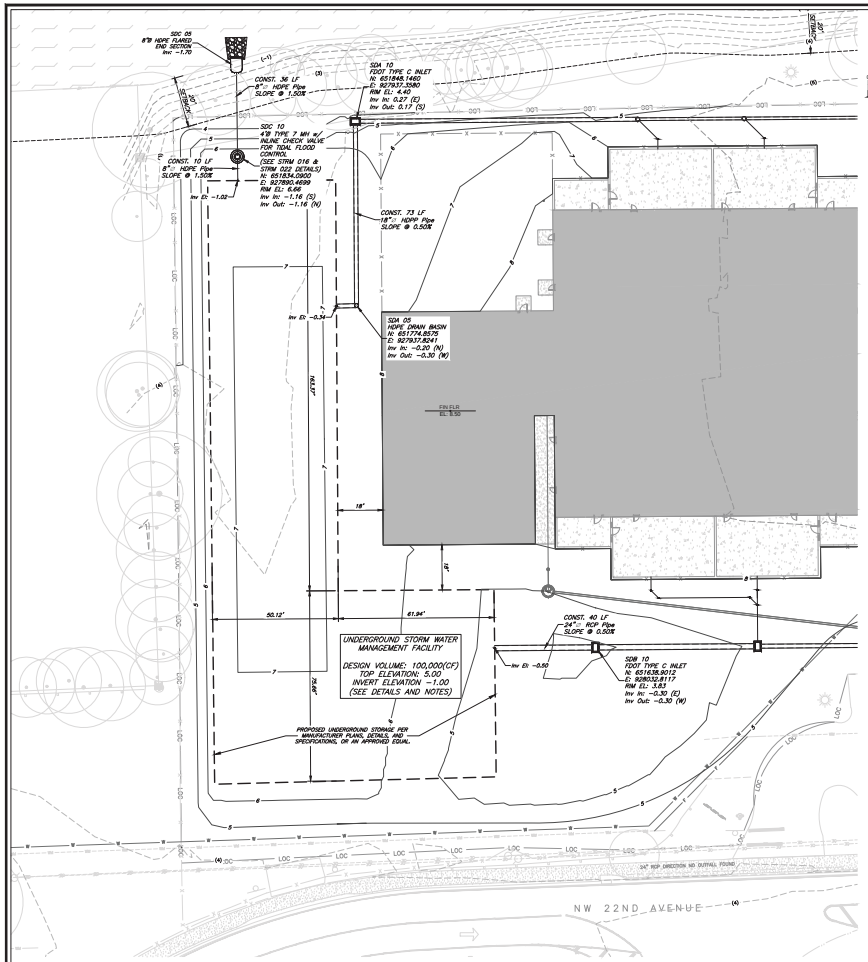
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
DRAINAGE PLAN

C 601



SCALE: 1" = 20'

STORMWATER TYPICAL DETAILS AND NOTES

NOTE:

1. *COMPACTION SHALL CONTINUE UNTIL COMPACTION DENSITIES HAVE BEEN ACHIEVED WITHIN EACH LIFT OF THE COMPACTED STRUCTURAL FILL.*
2. *STRUCTURAL FILL SHALL BE NON PLASTIC, INORGANIC, GRANULAR SOIL HAVING LESS THAN 12% PASSING THE NO. 200 MESH SIEVE AND CONTAINING LESS THAN 4% ORGANIC MATERIAL.*
3. *CONTRACTOR MAY SUBMIT A PRODUCT SUBSTITUTION REQUEST TO THE EOR FOR THE MEDIA FILTER, TO INCLUDE AT LEAST,*
   - *A. PROVIDES EQUIVALENT TO OR GREATER NUTRIENT REMOVAL PROPERTIES.*
   - *B. PROVIDES EQUIVALENT LONG TERM PERFORMANCE, PROVEN BY STUDIES AND STATE AGENCIES*
   - *C. PROVIDES EQUIVALENT INFILTRATION RATE*

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SYSTEMS PLANNING - LAND USE

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SHARON E. HUFFY PE#: 89638

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/14/25	KJP	SEH

Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE

STORMWATER VAULT PLAN

C 602

StormTrap

MODULAR CONCRETE STORMWATER MANAGEMENT

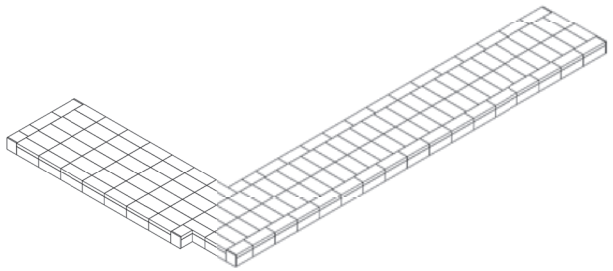
SHEET INDEX

PAGE	DESCRIPTION
0.0	COVER SHEET
1.0	GENERAL NOTES
1.1	DOUBLETRAP DESIGN CRITERIA
2.0	DOUBLETRAP SYSTEM LAYOUT
3.0	DOUBLETRAP INSTALLATION SPECIFICATION
4.0	DOUBLETRAP INSTALLATION SPECIFICATION
4.5	DOUBLETRAP BACKFILL SPECIFICATION
5.0	RAIL / ACCESS OPENING SPECIFICATION
6.0	DOUBLETRAP MODULE TYPES

STORMTRAP CONTACT INFORMATION

STORMTRAP SUPPLIER: STORMTRAP
CONTACT NAME: Brett Holmes
CELL PHONE: (815) 405-3887
SALES EMAIL: bholmes@stormtrap.com

THE STORMTRAP DRAWINGS SHALL NOT BE ALTERED OR MANIPULATED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF STORMTRAP. USE OF THESE DRAWINGS IS STRICTLY GRANTED TO YOU, OUR CLIENT, FOR THE SPECIFIED AND NAMED PROJECT ONLY. THESE DRAWINGS ARE FOR YOUR REFERENCE ONLY AND SHALL NOT BE USED FOR MANUFACTURING PURPOSES.



DJJ Broward
Ft. Lauderdale , FL

StormTrap
1287 WINDHAM PARKWAY
ROMEOVILLE, IL 60446
P:815-941-4545 / F:331-318-5347

ENGINEER INFORMATION:
DesignLab Self Registration
Tallahassee, FL

PROJECT INFORMATION:
DJJ Broward
Ft. Lauderdale, FL

CURRENT ISSUE DATE:
7/31/2026

ISSUED FOR:
PRELIMINARY

REV.	DATE:	ISSUED FOR:	DWN BY:
1	7/31/2026	PRELIMINARY	KM

SCALE:
NTS

SHEET TITLE:
COVER SHEET

SHEET NUMBER:
0.0

GENERAL NOTES:

1. STRUCTURE PROXIMITY LOADING DISCLAIMER:

STORMTRAP MODULES AND FOUNDATION ARE NOT DESIGNED TO ACCEPT ANY ADDITIONAL LOADING FROM ANY NEARBY STRUCTURES NEXT TO OR OVER THE TOP OF STORMTRAP. EXAMPLES OF NEARBY STRUCTURES MAY INCLUDE BUT ARE NOT LIMITED TO: BUILDINGS, FOUNDATION ELEMENTS, RETAINING WALLS, LIGHT POLES, BOLLARDS, SIGNPOSTS, FENCES. ADDITIONALLY, STORMTRAP IS NOT RESPONSIBLE FOR INSTALLATION CONFLICTS ARISING FROM ANY OF THESE NEARBY STRUCTURES. IF ADDITIONAL LOADING CONSIDERATIONS ARE REQUIRED FOR STRUCTURAL DESIGN OF STORMTRAP, PLEASE CONTACT STORMTRAP IMMEDIATELY. FOR LIGHT POLES SHOWN OVER THE TOP OF THE SYSTEM, STORMTRAP WILL PROVIDE A 5'-0" LATERAL DISTANCE CAVITY AROUND THE LIGHT POLE TO ACCOMMODATE IT. THE EOR TO TAKE RESPONSIBILITY FOR ENSURING THE LIGHT POLE IS NOT INFLUENCING ANY LOADING ON THE STORMTRAP MODULES AND FOUNDATION.

2. TREE LOADING DISCLAIMER:

THE NUMBER OF TREES, OR WEIGHT OF TOTAL PLANT MATERIAL PRESENT ON TOP OF A SINGLE STORMTRAP MODULE SHALL NOT EXCEED 18,000 LBS. THE REQUIREMENTS LISTED HERE APPLY AT BOTH THE TIME OF INSTALLATION AND FOR THE LIFE OF THE TREES AND PLANTS IN QUESTION. THE EOR AND LANDSCAPE ARCHITECT ARE RESPONSIBLE FOR ENSURING THAT TREE AND OTHER PLANT ROOTS DO NOT INTERFERE WITH OR COMPROMISE THE FUNCTIONAL AND STRUCTURAL INTEGRITY OF STORMTRAP'S UNDERGROUND MODULES. APPROPRIATE MEASURES SHOULD BE TAKEN TO PREVENT ROOT GROWTH INTO THE STORMTRAP SYSTEM FROM ADJACENT OR OVERHEAD TREES. FURTHERMORE, THE ROOTS OF THE TREES MUST BE CONTAINED TO PREVENT FUTURE DAMAGE TO THE STORMTRAP SYSTEM. STORMTRAP ACCEPTS NO LIABILITY FOR DAMAGES CAUSED BY TREES OR OTHER VEGETATION PLACED AROUND OR ON TOP OF THE SYSTEM.

3. PRE-TREATMENT/SEDIMENT/FILTER CHAMBER DISCLAIMER:

FOR SYSTEMS CONTAINING PRE-TREATMENT, SEDIMENTATION AND/OR FILTER CHAMBERS; IF REQUIRED TO BE SEALED TO PREVENT SAND AND/OR PRE-TREATED WATER FROM MIGRATING INTO ADJOINING MODULES, IT IS THE SOLE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO ENSURE THAT THOSE MODULES ARE SEALED.

4. OUTLET CONTROL STRUCTURE DISCLAIMER (IF SHOWN ON THESE PLANS):

IF A WATERTIGHT SOLUTION IS REQUIRED FOR AN OUTLET CONTROL STRUCTURE, ALL EXTERIOR COLD JOINTS, INCLUDING JOINT BETWEEN TOP AND BASE MODULES, BETWEEN TOP AND BASE OF ADJOINING SYMONS WALLS, AND JOINTS BETWEEN MODULE AND ADJACENT END PANELS WILL BE THE SOLE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO PROVIDE AND INSTALL THE WATERTIGHT APPLICATION PER THE EOR'S SPECIFICATION.

StormTrap
1287 WINDHAM PARKWAY
ROMEOVILLE, IL 60446
P:815-941-4545 / F:331-318-5347

ENGINEER INFORMATION:
DesignLab Self Registration
Tallahassee, FL

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DJJ Broward
Ft. Lauderdale, FL

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PRELIMINARY

REV.	DATE:	ISSUED FOR:	DWN BY:
1	7/31/2026	PRELIMINARY	KM

SCALE:
NTS

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
1.0

STRUCTURAL DESIGN LOADING CRITERIA

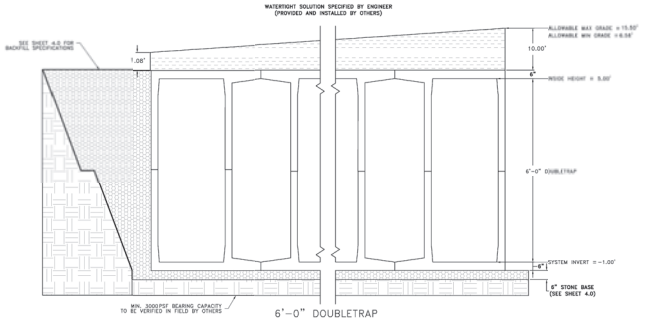
LIVE LOADING CAPACITY (IF AS ASSIGNED): 1,000PSF
GROUND WATER TABLE: BELOW INVERT OF SYSTEM
SOIL BEARING PRESSURE: 3000PSF
SOIL DENSITY: 120 PCF
EQUIVALENT UNSATURATED LATERAL ACTIVE EARTH PRESSURE: 35 PSF / FT.
EQUIVALENT SATURATED LATERAL ACTIVE EARTH PRESSURE: 80 PSF/FT. (IF WATER TABLE PRESENT)
APPLICABLE CODES: ASTM C857 AND 318
BACKFILL TYPE: SEE SHEET 4.0 FOR BACKFILL OPTIONS

STORMTRAP SYSTEM INFORMATION

UNIT STRUCTURE:	6'-0" DOUBLETRAP
TOTAL STORAGE PROVIDED:	85,101.75 CUBIC FEET

SITE SPECIFIC DESIGN CRITERIA

1. STORMTRAP UNITS SHALL BE MANUFACTURED AND INSTALLED ACCORDING TO SHOP DRAWINGS APPROVED BY THE INSTALLING CONTRACTOR AND ENGINEER OF RECORD. THE SHOP DRAWINGS SHALL INDICATE SIZE AND LOCATION OF ROOF OPENINGS AND INLET/OUTLET PIPE TYPES, SIZES, INVERT ELEVATIONS AND SIZE OF OPENINGS.
2. COVER RANGE: MIN. 1.08" MAX. 10.00" CONSULT STORMTRAP FOR ADDITIONAL COVER OPTIONS.
3. ALL DIMENSIONS AND SOIL CONDITIONS, INCLUDING BUT NOT LIMITED TO GROUNDWATER AND SOIL BEARING CAPACITY ARE REQUIRED TO BE VERIFIED IN THE FIELD BY OTHERS PRIOR TO STORMTRAP INSTALLATION.
4. FOR STRUCTURAL CALCULATIONS THE GROUND WATER TABLE IS ASSUMED TO BE BELOW THE SYSTEM INVERT IF WATER TABLE IS DIFFERENT THAN ASSUMED, CONTACT STORMTRAP.
5. **SYSTEM DESIGN MAY ALLOW FOR INCIDENTAL LEAKAGE AND WILL NOT BE SUBJECT TO LEAKAGE TESTING.**



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1	7/31/2026	PRELIMINARY	KM

SCALE:
NTS

SHEET TITLE:
DOUBLETRAP DESIGN CRITERIA

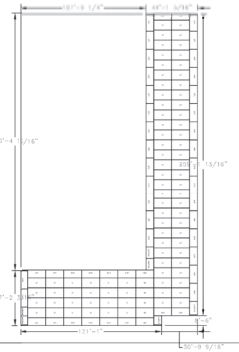
SHEET NUMBER:
1.1

BILL OF MATERIALS

QTY.	UNIT TYPE	DESCRIPTION	TOP WEIGHT	BASE WEIGHT
85	I	6'-0" DOUBLETRAP	12877	14585
0	II	6'-0" DOUBLETRAP	0	0
69	III	6'-0" DOUBLETRAP	10746	14678
0	IV	6'-0" DOUBLETRAP	0	0
0	VII	6'-0" DOUBLETRAP	0	0
0	VII-1	6'-0" DOUBLETRAP	0	0
0	VII-2	6'-0" DOUBLETRAP	0	0
0	VII-3	6'-0" DOUBLETRAP	0	0
0	VII-4	6'-0" DOUBLETRAP	0	0
4	SPV	6'-0" DOUBLETRAP	VARIES	VARIES
6	SPV	6'-0" DOUBLETRAP	VARIES	VARIES
0	90 PANEL (6" THICK PANEL)		0	
8	94 PANEL (6" THICK PANEL)		4638	
0	177 PANEL (6" THICK PANEL)		0	
20	JOINT WRAPTAPE PER ROLL			
1	BUTYL TAPE 6.5" PER ROLL			
	TOTAL PIECES = 282			
	TOTAL PANELS = 8			
	HEAVIEST PICK WEIGHT = 14686			

DESIGN CRITERIA
ALLOWABLE MAX GRADE = 15.55"
ALLOWABLE MIN GRADE = 9.06"
INSIDE HEIGHT EXTENTION = 5.00"
SYSTEM INVERT = -1.00'

NOTES:
1. DIMENSIONING OF STORMTRAP SYSTEM SHOWN BELOW ALLOW FOR A 1/4" GAP BETWEEN EACH MODULE.
2. ALL DIMENSIONS TO BE VERIFIED IN THE FIELD BY OTHERS.
3. SEE SHEET 3.0 FOR INSTALLATION SPECIFICATIONS.
4. SP = INDICATES A MODULE WITH MODIFICATIONS.
5. P = INDICATES A MODULE WITH A PANEL ATTACHMENT.
6. CONTRACTORS RESPONSIBILITY TO ENSURE CONSISTENCY/ACCURACY TO FINAL ENGINEER OF RECORD PLAN SET.
7. IN ORDER FOR STORMTRAP TO GENERATE APPROVAL DRAWINGS, CIVIL ENGINEERING DRAWINGS MUST BE PROVIDED TO STORMTRAP AND SHALL INCLUDE ALL PIPE SIZES, PIPE MATERIAL, PIPE INVERT ELEVATIONS, ACCESS OPENING SIZE AND SHAPE. IN ADDITION, FINAL GRADING PLANS SHALL ALSO INCLUDE MINIMUM AND MAXIMUM GRADES OVER THE TOP OF THE STORMTRAP SYSTEM.



StormTrap
1287 WINDHAM PARKWAY
ROMEOVILLE, IL 60446
P:815-941-4545 / F:331-318-5347

ENGINEER INFORMATION:
DesignLab Self Registration
Tallahassee, FL

PROJECT INFORMATION:
DJJ Broward
Ft. Lauderdale, FL

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SHEET TITLE:
DOUBLETRAP SYSTEM LAYOUT

SHEET NUMBER:
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George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 7029
PHONE 850.521.0344 • FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL • ENVIRONMENTAL • TRANSPORTATION
SYSTEMS PLANNING • LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS

Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHAWN E. HUFF PE#: 89328

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	7/31/26	KP	SEH

Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

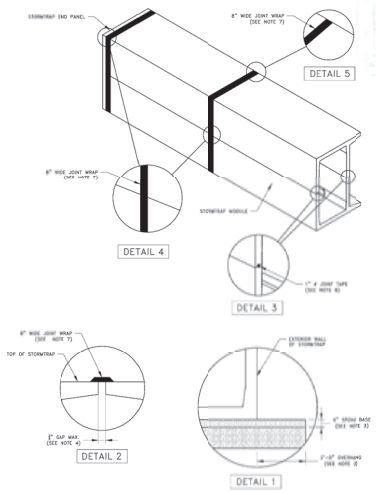
SHEET TITLE:
STORMWATER VAULT DETAILS

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STORMTRAP INSTALLATION SPECIFICATION

1. STORMTRAP SHALL BE INSTALLED IN ACCORDANCE WITH ASTM C891 (STANDARD PRACTICE FOR INSTALLATION OF UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES). THE FOLLOWING ADDITIONS AND/OR EXCEPTIONS ARE PROVIDED FOR EMPHASIS. THE MENTION OF THESE ITEMS DOES NOT PRECLUDE THE INSTALLING CONTRACTOR FROM FOLLOWING ASTM C891 IN ITS ENTIRETY AND IMPLEMENTING ALL APPROPRIATE MEASURES. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF THE STORMTRAP SYSTEM FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGE TO THE SYSTEM THROUGH TRAFFIC DURING CONSTRUCTION IS NOT COVERED UNDER THE STORMTRAP WARRANTY.
2. IT IS THE RESPONSIBILITY OF THE INSTALLING CONTRACTOR TO ENSURE THAT PROPER/ADEQUATE EQUIPMENT IS USED TO SET/INSTALL THE MODULES.
3. STORMTRAP MODULES SHALL BE PLACED ON A LEVEL, 6" FOUNDATION OF ¾" AGGREGATE EXTENDING 1'-0" PAST THE OUTSIDE OF THE SYSTEM (SEE DETAIL 1) AND SHALL BE PLACED ON PROPERLY COMPACTED SOILS (SEE SHEET 1.1 FOR SOIL BEARING CAPACITY REQUIREMENTS), AND IN ACCORDANCE WITH ASTM C891 STANDARD PRACTICE FOR INSTALLATION OF UNDERGROUND PRECAST UTILITY STRUCTURES.
4. THE STORMTRAP MODULES SHALL BE PLACED SUCH THAT THE MAXIMUM SPACE BETWEEN ADJACENT MODULES DOES NOT EXCEED 3" (SEE DETAIL 3). IF THE SPACE EXCEEDS 3", HE MODULES SHALL BE RESET WITH APPROPRIATE ADJUSTMENT MADE TO LINE AND GRADE TO BRING THE SPACE INTO SPECIFICATION.
5. STORMTRAP MODULES ARE NOT WATERTIGHT. **WATERTIGHT SOLUTION SPECIFIED BY ENGINEER (PROVIDED AND INSTALLED BY OTHERS).**
6. THE HORIZONTAL JOINT BETWEEN THE TOP AND BASE LEG CONNECTIONS OF ALL PERIMETER STORMTRAP MODULES SHALL BE SEALED WITH PREFORMED MASTIC JOINT TAPE ACCORDING TO ASTM C891, 8.8 AND 8.1). (SEE DETAIL 3). THE MASTIC JOINT TAPE DOES NOT PROVIDE A WATERTIGHT SEAL.
7. ALL EXTERIOR ROOF AND EXTERIOR VERTICAL WALL JOINTS BETWEEN ADJACENT STORMTRAP MODULES SHALL BE SEALED WITH 6" WIDE PRE-FORMED, COLD-APPLIED, SELF-ADHERING ELASTOMERIC RESIN, BONDED TO A WOVEN HIGHLY PUNCTURE RESISTANT POLYMER WRAP, CONFORMING TO ASTM C891 AND SHALL BE INTEGRATED WITH PRIMER SEALANT AS APPROVED BY STORMTRAP (SEE DETAILS 2, 4, & 5). THE JOINT WRAP DOES NOT PROVIDE A WATERTIGHT SEAL. THE SOLE PURPOSE OF THE JOINT WRAP IS TO PROVIDE A SLIT AND SOIL TIGHT SYSTEM. THE ADHESIVE EXTERIOR JOINT WRAP SHALL BE INSTALLED ACCORDING TO THE FOLLOWING INSTALLATION INSTRUCTIONS:
   - 7.1. USE A BRUSH OR WET CLOTH TO THOROUGHLY CLEAN THE OUTSIDE SURFACE AT THE POINT WHERE JOINT WRAP IS TO BE APPLIED.
   - 7.2. A RELEASE PAPER PROTECTS THE ADHESIVE SIDE OF THE JOINT WRAP. PLACE THE ADHESIVE TAPE (ADHESIVE SIDE DOWN) AROUND THE STRUCTURE, REMOVING THE RELEASE PAPER AS YOU GO. PRESS THE JOINT WRAP FIRMLY AGAINST THE STORMTRAP MODULE SURFACE WHEN APPLYING.
8. IF THE CONTRACTOR NEEDS TO CANCEL ANY SHIPMENTS, THEY MUST DO SO 48 HOURS PRIOR TO THEIR SCHEDULED ARRIVAL AT THE JOB SITE. IF CANCELED AFTER THAT TIME, PLEASE CONTACT THE PROJECT MANAGER.
9. IF THE STORMTRAP MODULE(S) IS DAMAGED IN ANY WAY PRIOR, DURING, OR AFTER INSTALL, STORMTRAP MUST BE CONTACTED IMMEDIATELY TO ASSESS THE DAMAGE AND TO DETERMINE WHETHER OR NOT THE MODULE(S) WILL NEED TO BE REPLACED. IF ANY MODULE ARRIVES AT THE JOBSITE DAMAGED DO NOT UNLOAD IT; CONTACT STORMTRAP IMMEDIATELY. ANY DAMAGE NOT REPORTED BEFORE THE TRUCK IS UNLOADED WILL BE THE CONTRACTOR'S RESPONSIBILITY.
10. STORMTRAP MODULES CANNOT BE ALTERED IN ANY WAY AFTER MANUFACTURING WITHOUT WRITTEN CONSENT FROM STORMTRAP.



StormTrap
TRENCH GRATE AT [WWW.STORMTRAP.COM/TRENCH]
1287 WICHINA PARKWAY
ROMEOVILLE, IL 60446
P.815-941-4546 / F.331-318-5347

ENGINEER INFORMATION:
DesignLab Self Registration
Tallahassee, FL

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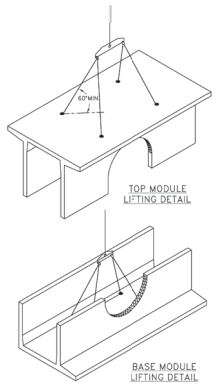
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SHEET TITLE:
DOUBLETRAP INSTALLATION SPECIFICATION

SHEET NUMBER:
3.0

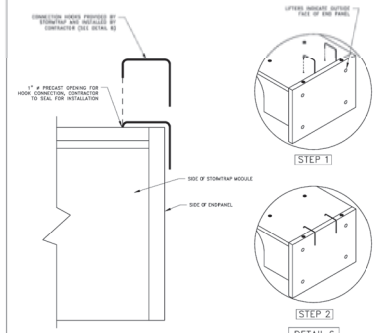
STORMTRAP MODULE LIFTING SPECIFICATION

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL (3) CHAINS/CABLES ARE SECURED PROPERLY TO THE LIFTING ANCHORS AND IN EQUAL TENSION WHEN LIFTING THE STORMTRAP MODULE.
2. MINIMUM 7'-0" CHAIN/CABLE LENGTH TO BE USED TO LIFT STORMTRAP MODULES (SUPPLIED BY CONTRACTOR).
3. CONTRACTOR TO ENSURE MINIMUM LIFTING ANGLE IS 60° FROM TOP SURFACE OF STORMTRAP MODULE. SEE DETAIL.
4. IT IS UNDERSTOOD AND AGREED THAT AT ALL TIMES DURING WHICH HOISTING AND RIGGING EQUIPMENT IS BEING SUPPLIED TO THE PURCHASER, OPERATOR OF SUCH EQUIPMENT SHALL BE IN CHARGE OF HIS ENTIRE EQUIPMENT AND SHALL AT ALL TIMES BE THE JUDGE OF THE SAFETY AND PROPRIETY OF ANY SUGGESTION TO HIM FROM THE SELLER, ITS AGENTS OR EMPLOYEES. PURCHASER AGREES TO SAVE, INDEMNIFY AND HOLD HARMLESS SELLER FROM ALL LOSS, CLAIMS, DEMANDS OR CAUSES OF ACTION, WHICH MAY ARISE FROM THE EXISTENCE OR OPERATION OF SAID EQUIPMENT.



END PANEL ERECTION/INSTALLATION SPECIFICATION

1. END PANELS WILL BE SUPPLIED TO CLOSE OFF OPEN ENDS OF ROWS.
2. PANELS SHALL BE INSTALLED IN A TUT UP FASHION DIRECTLY ADJACENT TO OPEN END OF MODULE (REFER TO SHEET 2.0 FOR END PANEL LOCATIONS). SIDE WITH LIFTERS INDICATES OUTSIDE FACE.
3. CONNECTION HOOKS WILL BE SUPPLIED WITH END PANELS TO SECURELY CONNECT PANEL TO ADJACENT STORMTRAP MODULE (SEE PANEL CONNECTION ELEVATION VIEW).
4. ONCE CONNECTION HOOK IS ATTACHED, LIFTING CLUTCHES MAY BE REMOVED.
5. JOINT WRAP SHALL BE PLACED AROUND PERIMETER JOINT PANEL (SEE SHEET 3.0).



StormTrap
TRENCH GRATE AT [WWW.STORMTRAP.COM/TRENCH]
1287 WICHINA PARKWAY
ROMEOVILLE, IL 60446
P.815-941-4546 / F.331-318-5347

ENGINEER INFORMATION:
DesignLab Self Registration
Tallahassee, FL

PROJECT INFORMATION:
DJJ Broward
Ft. Lauderdale, FL

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DOUBLETRAP INSTALLATION SPECIFICATION

SHEET NUMBER:
3.1

ZONE CHART		
ZONES	ZONE DESCRIPTIONS	REMARKS
ZONE 1	FOUNDATION AGGREGATE	#5 (3") STONE ANGULAR AGGREGATE (SEE NOTE 4)
ZONE 2	BACKFILL	UNIFIED SOILS CLASSIFICATION (GW, GP, SW, SP) OR SEE BELOW FOR APPROVED BACKFILL OPTIONS
ZONE 3	FINAL COVER OVERTOP	MATERIALS NOT TO EXCEED 130 PCF

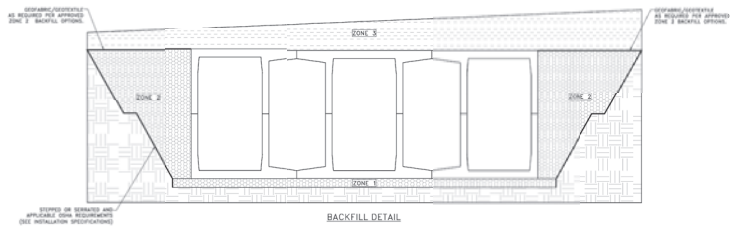
APPROVED ZONE 2 BACKFILL OPTIONS	
OPTION	REMARKS
¾" STONE AGGREGATE	THE STONE AGGREGATE SHALL CONSIST OF CLEAN AND FREE DRAWING ANGULAR MATERIAL. THE SIZE OF THIS MATERIAL SHALL HAVE 100% PASSING THE 1" SIEVE WITH 0% TO 5% PASSING THE #8 SIEVE. THIS MATERIAL SHALL BE SEPARATED FROM NATIVE MATERIAL USING GEOFABRIC AROUND THE PERIMETER OF THE BACKFILL (ASTM SIZE #57) AS DETERMINED BY THE GEOTECHNICAL ENGINEER.
SAND	IMPORTED PURE SAND IS PERMITTED TO BE USED AS BACKFILL IF IT IS CLEAN AND FREE DRAINING. THE SAND USED FOR BACKFILLED SHALL HAVE LESS THAN 40% PASSING #40 SIEVE AND LESS THAN 5% PASSING #200 SIEVE. THIS MATERIAL SHALL BE SEPARATED FROM NATIVE MATERIAL USING GEOFABRIC AROUND THE PERIMETER OF THE SAND BACKFILL.
CRUSHED CONCRETE AGGREGATE	CLEAN, FREE DRAINING CRUSHED CONCRETE AGGREGATE MATERIAL CAN BE USED AS BACKFILL FOR STORMTRAP'S MODULES. THE SIZE OF THIS MATERIAL SHALL HAVE 100% PASSING THE 1" SIEVE WITH 0% TO 5% PASSING THE #8 SIEVE. THIS MATERIAL SHALL BE SEPARATED FROM NATIVE MATERIAL USING GEOFABRIC AROUND THE PERIMETER OF THE BACKFILL.
ROAD PACK	STONE AGGREGATE 100% PASSING THE 1-1/2" SIEVE WITH LESS THAN 12% PASSING THE #200 SIEVE (ASTM SIZE #467). GEOFABRIC AS PER GEOTECHNICAL ENGINEER RECOMMENDATION.

FILL DEPTH	TRACK WIDTH	MAX VEHICLE WEIGHT (KIPS)	MAX GROUND PRESSURE
1'	12"	51.8	1592 psf
	18"	58.1	1216 psf
1'-6"	24"	68.1	1111 psf
	30"	74.7	1005 psf
2'	36"	85.0	974 psf

NOTE: TRACK LENGTH NOT TO EXCEED 15'-4". ONLY TWO TRACKS PER VEHICLE.

STORMTRAP ZONE INSTALLATION SPECIFICATION/PROCEDURE

1. THE FILL PLACED AROUND THE STORMTRAP MODULES MUST BE DEPOSITED ON BOTH SIDES AT THE SAME TIME AND TO APPROXIMATELY THE SAME ELEVATION AT NO TIME SHALL THE FILL BEHIND ONE SIDE WALL BE MORE THAN 2'-0" HIGHER THAN THE FILL ON THE OPPOSITE SIDE WALL. BACKFILL SHALL BE COMPACTED USING APPROVED EQUIPMENT WHICH WILL NOT DAMAGE THE STORMTRAP SYSTEM MATERIAL IS TO BE PLACED AND COMPACTED IN LAYERS PROPERLY UNDER LOADING CARE SHALL BE TAKEN TO PREVENT ANY WEDGING ACTION AGAINST THE STRUCTURE, AND ALL SLOPES WITHIN THE AREA TO BE BACKFILLED MUST BE STEPPED OR SERRATED TO PREVENT WEDGING ACTION. CARE SHALL ALSO BE TAKEN AS NOT TO DISRUPT THE JOINT WRAP FROM THE JOINT DURING THE BACKFILL PROCESS. BACKFILL MUST BE FREE-DRAINING MATERIAL. SEE ZONE 2 BACKFILL CHART ON THIS PAGE FOR APPROVED BACKFILL OPTIONS. IF NATIVE EARTH IS SUSCEPTIBLE TO MIGRATION CONFIRM WITH GEOTECHNICAL ENGINEER AND PROVIDE PROTECTION AS REQUIRED (PROVIDED BY OTHERS). ALL MODULES MUST BE SET AND ALL JOINTS MUST BE FULLY BACKFILLED BEFORE TRAVEL. OVERTOP THE SYSTEM IS PERMITTED. SEE NOTE 3 FOR EXCEPTIONS AND LIMITATIONS.
2. THE FILL PLACED OVERTOP THE SYSTEM SHALL BE PLACED IN MINIMUM 6" LIFTS. AT NO TIME SHALL MACHINERY OR VEHICLES GREATER THAN THE DESIGN LIVE LOAD LISTED ON SHEET 1.1 TRAVEL OVERTOP THE SYSTEM. IF TRAVEL OVER THE SYSTEM OCCURS BEFORE THE MINIMUM DESIGN COVER IS ACHIEVED, IT MAY BE NECESSARY TO REDUCE THE ULTIMATE LOAD/BURDEN OF THE OPERATING MACHINERY SO AS TO NOT EXCEED THE DESIGN CAPACITY OF THE SYSTEM. VEHICLES AND MACHINERY USED TO PLACE FILL MATERIAL ON TOP OF THE SYSTEM SHALL TRAVEL PARALLEL TO THE LONGITUDINAL AXIS OF THE STORMTRAP MODULES WHENEVER POSSIBLE.
3. THE VIBRATORY FUNCTION OF ANY ROLLER, COMPACTOR, VEHICLE ETC. SHALL NOT BE USED OVERTOP THE SYSTEM UNTIL THE MINIMUM DESIGN COVER IS ACHIEVED. IN ZONE 1 AND ZONE 2 ZONES, HAND COMPACTION MAY BE NECESSARY TO ENSURE THAT THE ALLOWABLE DESIGN LOADING IS NOT EXCEEDED.
4. STONE AGGREGATE FOUNDATION IN ZONE 1 IS FOR LEVELING PURPOSES.



BACKFILL DETAIL

StormTrap
TRENCH GRATE AT [WWW.STORMTRAP.COM/TRENCH]
1287 WICHINA PARKWAY
ROMEOVILLE, IL 60446
P.815-941-4546 / F.331-318-5347

ENGINEER INFORMATION:
DesignLab Self Registration
Tallahassee, FL

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Ft. Lauderdale, FL

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SHEET TITLE:
DOUBLETRAP BACKFILL SPECIFICATION

SHEET NUMBER:
4.0

ACCESS OPENING SPECIFICATION

1. A TYPICAL ACCESS OPENING FOR THE STORMTRAP SYSTEM ARE 2'-0" IN DIAMETER. ACCESS OPENINGS LARGER THAN 4'-0" IN DIAMETER NEED TO BE APPROVED BY STORMTRAP. ALL OPENINGS MUST RETAIN AT LEAST 2'-0" OF CLEARANCE FROM THE END OF THE STORMTRAP MODULE UNLESS NOTED OTHERWISE. ALL ACCESS OPENINGS TO BE LOCATED ON INSIDE LEG UNLESS OTHERWISE SPECIFIED. SEE SHEET 2.0 FOR SIZES AND LOCATIONS.
2. UNLESS OTHERWISE SPECIFIED, PLASTIC COATED STEPS ARE PROVIDED INSIDE ANY MODULE WHERE DEEMED NECESSARY. THE HIGHEST STEP IN THE MODULE IS TO BE PLACED A DISTANCE OF 1'-0" FROM THE INSIDE EDGE OF THE STORMTRAP MODULES. ALL ENSUING STEPS SHALL BE PLACED AT A DISTANCE BETWEEN 10" MIN AND 14" MAX BETWEEN THEM. STEPS MAY BE MOVED OR ALTERED TO AVOID OPENINGS OR OTHER IRREGULARITIES IN THE MODULE.
3. STORMTRAP LIFTING INSERTS MAY BE RELOCATED TO AVOID INTERFERENCE WITH ACCESS OPENINGS OR THE CENTER OF GRAVITY OF THE MODULE AS NEEDED.
4. STORMTRAP ACCESS OPENINGS MAY BE RELOCATED TO AVOID INTERFERENCE WITH INLET AND/OR OUTLET PIPE OPENINGS SO PLACEMENT OF STEPS IS ATTAINABLE.
5. ACCESS OPENINGS SHOULD BE LOCATED IN ORDER TO MEET THE APPROPRIATE MUNICIPAL REQUIREMENTS. STORMTRAP RECOMMENDS AT LEAST TWO ACCESS OPENINGS PER SYSTEM FOR ACCESS AND INSPECTION.
6. USE PRECAST ADJUSTING RINGS AS NEEDED TO MEET GRADE. STORMTRAP RECOMMENDS FOR COVER OVER 3' TO USE PRECAST BARREL OR CONE SECTIONS. (PROVIDED BY OTHERS)

PIPE OPENING SPECIFICATION

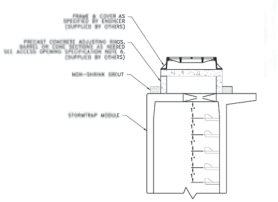
1. MINIMUM EDGE DISTANCE FOR AN OPENING ON THE OUTSIDE WALL SHALL BE NO LESS THAN 1'-0".
2. CONNECTING PIPES MAY BE INSTALLED WITH A 1'-0" CONCRETE COLLAR AND AN AGGREGATE CRADLE (AS REQUIRED) FOR AT LEAST ONE PIPE LENGTH (SEE PIPE CONNECTION DETAIL). A STRUCTURAL GRADE CONCRETE OF HIGH STRENGTH, NON-SHRINK GROUT WITH A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI MAY BE USED.
3. THE ANNULAR SPACE BETWEEN THE PIPE AND THE HOLE SHALL BE FILLED WITH HIGH STRENGTH NON-SHRINK GROUT.

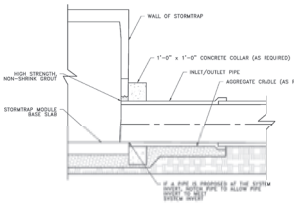
PIPE INSTALLATION INSTRUCTIONS

1. CLEAN AND LIGHTLY LUBRICATE ALL OF THE PIPE TO BE INSERTED INTO STORMTRAP.
2. IF PIPE IS CUT, CARE SHOULD BE TAKEN TO ALLOW NO SHARP EDGES. BEVEL AND LUBRICATE LEAD END OF PIPE.
3. ALIGN CENTER OF PIPE TO CORRECT ELEVATION AND INSERT INTO OPENING.

NOTE: ALL ANCILLARY PRODUCTS/SPECIFICATIONS RECOMMENDED AND SHOWN ON THIS SHEET INCLUDING BUT NOT LIMITED TO CONCRETE COLLARS, AGGREGATE CRADLES, GRADE RINGS, RISER SECTIONS, ETC., ARE RECOMMENDATIONS ONLY AND SUBJECT TO CHANGE PER THE INSTALLING CONTRACTOR AND/OR PER LOCAL MUNICIPAL CODE/REQUIREMENTS.







StormTrap
TRENCH GRATE AT [WWW.STORMTRAP.COM/TRENCH]
1287 WICHINA PARKWAY
ROMEOVILLE, IL 60446
P.815-941-4546 / F.331-318-5347

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DesignLab Self Registration
Tallahassee, FL

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PIPE / ACCESS OPENING SPECIFICATION

SHEET NUMBER:
5.0

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2029
PHONE 850.520.0344 • FAX 850.520.0345
1002 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL • ENVIRONMENTAL • TRANSPORTATION
SYSTEMS PLANNING • LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHAWN E. HUFF PE#: 89328

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90% CONSTRUCTION DOCUMENTS	09/26	SJF	SEH

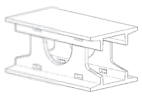
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE:
STORMWATER VAULT DETAILS

C 604



TYPE I/TYPE



TYPE III/TYPE II



END PANEL

NOTES:
1. OPENING LOCATIONS AND SHAPES MAY VARY.
2. SP = INDICATES A MODULE WITH MODIFICATIONS.
3. P = INDICATES A MODULE WITH A PANEL ATTACHMENT.
4. POCKET WINDOW OPENINGS ARE OPTIONAL.

StormTrap

1287 WINDING PARKWAY
ROMEOVILLE, IL 60446
P:815-941-4048 / F:331-318-5347

ENGINEER INFORMATION:

DesignLab Self Registration
Tallahassee, FL

PROJECT INFORMATION:

BJJ Broward
Ft. Lauderdale, FL

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DOUBLETRAP MODULE TYPES

SHEET NUMBER:

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George & Associates Consulting Engineers, Inc.

ENGINEERING BUSINESS NO. 7829

PHONE 850.521.0344 - FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
Tallahassee, FL 32303

CIVIL - ENVIRONMENTAL - TRANSPORTATION
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REGIONAL JUVENILE DETENTION CENTER

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Clemons,Rutherford, & Associates, Inc.

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Tallahassee, Florida 32308

phone 850-385-6153
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SHARON E. HUFF PE#: 89638

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	7/31/26	KJP	SEH

Revision

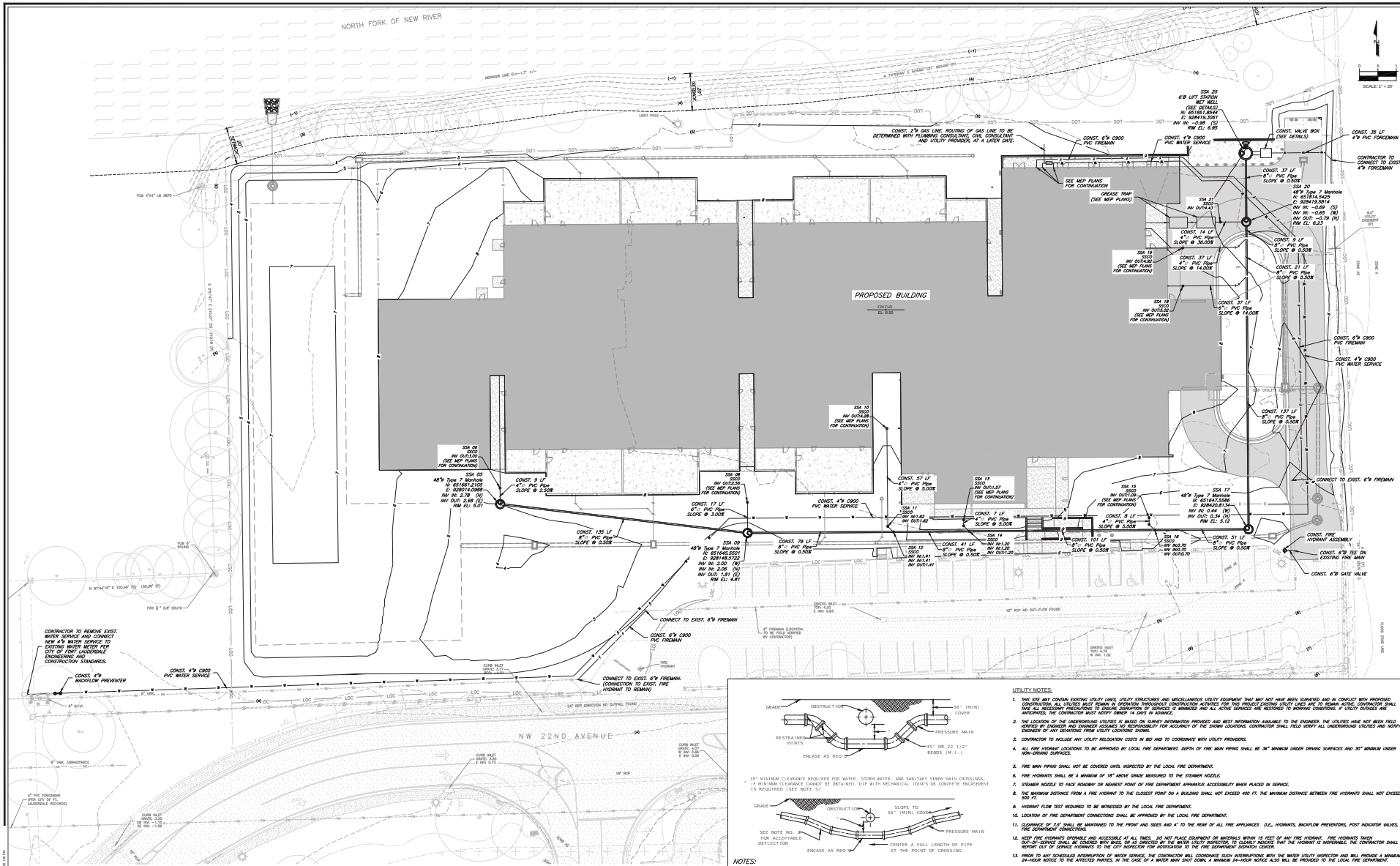
#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE

STORMWATER VAULT DETAILS

C 605

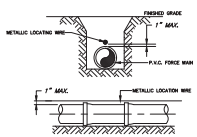


LINE TYPE LEGEND

- RIGHT OF WAY
- VEGETATIVE BUFFER
- EXISTING EASEMENT
- PROPOSED EASEMENT
- (XX) XX EXISTING CONTOUR LABEL / PROPOSED CONTOUR LABEL

UTILITY LINETYPE LEGEND

- WATER MAIN
- FIRE MAIN
- SANITARY SEWER
- STORM DRAIN
- GAS



NOTES:
1. PVC PIPE SHALL REQUIRE INSULATED METALLIC LOCATING WIRE (12 GAUGE COPPER) CAPABLE OF DETECTION BY A CABLE LOCATOR AND SHALL BE BURIED DIRECTLY ABOVE THE CENTERLINE OF THE PIPE.
2. LOCATING WIRE SHALL TERMINATE AT THE TOP OF EACH VALVE BOX AND BE CAPABLE OF EXTENDING 12" ABOVE TOP OF BOX IN SUCH A MANNER SO AS NOT TO INTERFERE WITH VALVE OPERATION.
3. USE DUCT TAPE AS NECESSARY TO HOLD WIRE ON THE TOP OF THE PIPE.
4. ALL SPLICES SHALL BE MADE USING A WATER-TIGHT SEALING METHOD APPROVED BY THE CITY.

PVC PIPE LOCATING WIRE DETAIL
N.T.S.

NOTES:
1. THE DEFLECTION TYPE CROSSING SHALL BE USED WHEREVER POSSIBLE. ONLY UNDER SPECIFIC ORDERS BY THE ENGINEER AND APPROVED BY IRCDUS SHALL THE FITTING TYPE CROSSING BE ALLOWED.
2. CONSTRUCT STANDARD CROSSING NOT TO EXCEED 75% OF THE MANUFACTURERS' MAXIMUM JOINT DEFLECTION.
3. IF USED, TIE RODS ARE TO BE COATED WITH A COAL TAR ENAMEL AFTER ASSEMBLY (2 COATS MINIMUM).
4. OTHER METHODS OF RESTRAINT MAY BE USED AS APPROVED BY IRCDUS.
5. USE DIP FOR GRAVITY SEWER WHERE VERTICAL CLEARANCE BETWEEN WATER MAIN AND SEWER IS LESS THAN 18 INCHES. DIP SHALL BE USED FOR GRAVITY SEWER AT WATER LINE CROSSING WITH A LENGTH OF PIPE, THE PIPE SHALL BE CENTERED AT THE POINT OF CROSSING, SO AS TO LOCATE JOINTS AT A POINT OF CROSSING, AND TO LOCATE THE JOINTS AT A MAXIMUM DISTANCE FROM THE WATER LINE.
6. ONLY UNDER EXTREME CIRCUMSTANCES MAY MINIMUM AND HORIZONTAL SEPARATION REQUIREMENTS BE WAIVED AND ENCASEMENT BE UTILIZED BETWEEN WATER MAINS AND FORCE MAINS.
7. SEE TRACER WIRE TRACE WIRE DETAIL (IRC M-14).
8. ALL WATER AND SEWER UTILITIES SHALL BE LOCATED A MINIMUM HORIZONTAL SEPARATION EQUAL TO THE DEPTH OF THE PIPE PLUS THE DIAMETER OF THE PIPE FROM ANY PERMANENT ABOVE GROUND STRUCTURES (I.E. WALLS, TREES, TRANSFORMER PADS, ETC.) AND A MINIMUM HORIZONTAL SEPARATION EQUAL TO FOUR (4) FEET FROM ANY UNDERGROUND UTILITIES (I.E. GAS MAINS, TELEPHONE LINES, CABLE LINES, IRRIGATION MAINS, ETC.).
9. ALL WATER AND SEWER UTILITIES SHALL BE LOCATED A MINIMUM HORIZONTAL SEPARATION EQUAL TO TWO TIMES THE DEPTH OF THE PIPE PLUS THE DIAMETER OF THE PIPE FROM THE TOP OF THE BANKS OF ANY BODIES OF WATER (I.E. STORMWATER PONDS, CANALS, ETC.).
10. ALL WATER AND SEWER UTILITIES SHALL BE LOCATED SUCH THAT A MINIMUM HORIZONTAL SEPARATION OF 10' EXISTS AS MEASURED FROM THE OUTSIDE WALL OF EACH MAIN.

UTILITY CROSSING DETAIL
SCALE: NTS

UTILITY NOTES:
1. THIS SITE MAY CONTAIN EXISTING UTILITY LINES, UTILITY STRUCTURES AND MISCELLANEOUS UTILITY EQUIPMENT THAT MAY NOT HAVE BEEN SURVEYED AND IN CONFLICT WITH PROPOSED CONSTRUCTION. ALL UTILITIES MUST REMAIN IN OPERATION THROUGHOUT CONSTRUCTION ACTIVITIES FROM THIS PROJECT EXISTING UTILITY LINES ARE TO REMAIN ACTIVE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE INTERRUPTION OF SERVICES IS MINIMIZED AND ALL ACTIVE SERVICES ARE RESTORED TO WORKING CONDITIONS. IF UTILITY OUTAGES ARE ANTICIPATED, THE CONTRACTOR MUST NOTIFY OWNER 14 DAYS IN ADVANCE.
2. THE LOCATION OF THE UNDERGROUND UTILITIES IS BASED ON SURVEY INFORMATION PROVIDED AND BEST INFORMATION AVAILABLE TO THE ENGINEER. THE UTILITIES HAVE NOT BEEN FIELD VERIFIED BY ENGINEER AND ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY OF THE SHOWN LOCATIONS. CONTRACTOR SHALL FIELD VERIFY ALL UNDERGROUND UTILITIES AND NOTIFY ENGINEER OF ANY DEVIATIONS FROM UTILITY LOCATIONS SHOWN.
3. CONTRACTOR TO INCLUDE ANY UTILITY RELOCATION COSTS IN BID AND TO COORDINATE WITH UTILITY PROVIDERS.
4. ALL FIRE HYDRANT LOCATIONS TO BE APPROVED BY LOCAL FIRE DEPARTMENT. DEPTH OF FIRE MAIN PIPING SHALL BE 36" MINIMUM UNDER DRIVING SURFACES AND 30" MINIMUM UNDER NON-DRIVING SURFACES.
5. FIRE MAIN PIPING SHALL NOT BE COVERED UNTIL INSPECTED BY THE LOCAL FIRE DEPARTMENT.
6. FIRE HYDRANTS SHALL BE A MINIMUM OF 18" ABOVE GRADE MEASURED TO THE STEAMER NOZZLE.
7. STEAMER NOZZLE TO FACE ROADWAY OR NEAREST POINT OF FIRE DEPARTMENT APPARATUS ACCESSIBILITY WHEN PLACED IN SERVICE.
8. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO THE CLOSEST POINT ON A BUILDING SHALL NOT EXCEED 400 FT. THE MAXIMUM DISTANCE BETWEEN FIRE HYDRANTS SHALL NOT EXCEED 500 FT.
9. HYDRANT FLOW TEST REQUIRED TO BE WITNESSED BY THE LOCAL FIRE DEPARTMENT.
10. LOCATION OF FIRE DEPARTMENT CONNECTIONS SHALL BE APPROVED BY THE LOCAL FIRE DEPARTMENT.
11. CLEARANCE OF 7.5' SHALL BE MAINTAINED TO THE FRONT AND SIDES AND 4' TO THE REAR OF ALL FIRE APPLIANCES (I.E., HYDRANTS, BACKFLOW PREVENTORS, POST INDICATOR VALVES, FIRE DEPARTMENT CONNECTIONS.
12. KEEP FIRE HYDRANTS OPERABLE AND ACCESSIBLE AT ALL TIMES. DO NOT PLACE EQUIPMENT OR MATERIALS WITHIN 15 FEET OF ANY FIRE HYDRANT. FIRE HYDRANTS TAKEN OUT-OF-SERVICE SHALL BE COVERED WITH BAGS, OR AS DIRECTED BY THE WATER UTILITY INSPECTOR, TO CLEARLY INDICATE THAT THE HYDRANT IS INOPERABLE. THE CONTRACTOR SHALL REMOVE OUT OF SERVICE HYDRANTS TO THE CITY INSPECTION FOR NOTIFICATION TO THE FIRE DEPARTMENT DISPATCH CENTER.
13. PRIOR TO ANY SCHEDULED INTERRUPTION OF WATER SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTIONS WITH THE WATER UTILITY INSPECTOR AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED PARTIES. IN THE CASE OF A WATER MAIN SHUT DOWN, A MINIMUM 24-HOUR NOTICE ALSO WILL BE PROVIDED TO THE LOCAL FIRE DEPARTMENT.
14. SEE MECHANICAL, ELECTRICAL, PLUMBING PLANS FOR FINAL UTILITY CONNECTIONS TO BUILDINGS. ADJUST SITE UTILITIES AS NECESSARY.
15. CONTACT THE LOCAL WATER WORKS DEPARTMENT PRIOR TO ANY WORK ON OR AROUND CITY WATER MAINS/ INFRASTRUCTURE.
16. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER(S) AND CIVIL ENGINEER FOR ANY AND ALL UTILITIES THAT MAY BE IN CONFLICT WITH PROPOSED CONSTRUCTION ACTIVITIES.
17. WHERE EXISTING ITEMS SUCH AS ASPHALT, CONCRETE CURB AND GUTTER, ETC. ARE SHOWN TO BE REMOVED, THESE ITEMS SHALL BE SAWCUT.
18. CONTRACTOR RESPONSIBLE FOR ADJUSTING ALL UTILITIES TO FINISH GRADE, INCLUDING BUT NOT LIMITED TO VALVES, VAULTS, FIRE APPARATUSES, ETC. ABOVE GROUND WATER VALVES, BFP, WATER METERS SHALL BE COVERED WITH FIBERGLASS INSULATED COVER OR ALTERNATE COVER AS REQUESTED BY OWNER.
19. CONTRACTOR RESPONSIBLE TO DEFLECT ANY UTILITIES NECESSARY TO CONSTRUCT PROPOSED IMPROVEMENTS.
20. PRIOR TO ANY SCHEDULED INTERRUPTION OF WATER SERVICE, THE CONTRACTOR WILL COORDINATE SUCH INTERRUPTIONS WITH THE WATER UTILITY INSPECTOR AND WILL PROVIDE A MINIMUM 24-HOUR NOTICE TO THE AFFECTED PARTIES. IN THE CASE OF A WATER MAIN SHUT DOWN, A MINIMUM 24-HOUR NOTICE ALSO WILL BE PROVIDED TO THE LOCAL FIRE DEPARTMENT.
21. SEE MECHANICAL, ELECTRICAL, PLUMBING PLANS FOR FINAL UTILITY CONNECTIONS TO BUILDINGS. ADJUST SITE UTILITIES AS NECESSARY.
22. PROVIDE BACKFLOW PROTECTION PER RULES AND REGULATIONS FOR BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL, LATEST EDITION.
23. SUBMIT SHOP DRAWINGS SHOWING MANUFACTURERS' DRAWINGS AND SPECIFICATIONS INDICATING COMPLETE DETAIL OF ALL ITEMS. THE DETAIL SHALL INCLUDE MATERIAL SPECIFICATIONS, PRESSURE CLASS, CERTIFICATIONS, JOINT TYPES, GASKET INFORMATION, LININGS, COATINGS, INSTALLATION AND TESTING PROCEDURES AND OTHER PERTINENT INFORMATION NECESSARY TO ASSURE THAT PROPOSED MATERIALS COMPLY WITH ALL TECHNICAL SPECIFICATIONS. SHOP DRAWINGS ARE TO BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND SHIPMENT OF ITEMS.
24. A MINIMUM OF 1.5' OF CLEAR DISTANCE IS REQUIRED FROM EDGE OF PAVEMENT TO LIGHT POLES.
25. WATER AND SEWER SERVICES SHALL MAINTAIN 6' OF HORIZONTAL CLEARANCE.
26. SOD ALL DISTURBED AREAS UPON COMPLETION.

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2829
PHONE 850.521.0344 - FAX 850.521.0345
1867 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL - ENVIRONMENTAL - TRANSPORTATION SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHARON E. HUFF PE#: 81618

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/14/21	SEH	DAS

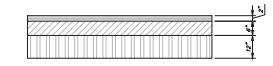
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
UTILITY PLAN

C 701



SURFACE COURSE – TYPE SP ASPHALTIC CONCRETE (NOT TO EXCEED 20% RAP)

BASE COURSE – RECYCLED CONCRETE AGGREGATE, LBR150 (6" COMPACTED THICKNESS) WITH PRIME COAT

SUBGRADE – TYPE B STABILIZATION

TYPE SP ASPHALTIC CONCRETE SURFACE (2" MIN. COMPACTED THICKNESS) SHALL BE PLACED IN TWO LAYERS.

FIRST LAYER SHALL BE TYPE SP-9.5 AND HAVE A MIN. COMPACTED THICKNESS OF 1.00 INCH.

SECOND AND FINAL LAYER SHALL BE TYPE SP-9.5 AND HAVE A MIN. COMPACTED THICKNESS OF 1.00 INCH.

THE FIRST LAYER SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF THE BASE COURSE.

THE FINAL LAYER SHALL BE PLACED AT THE COMPLETION OF THE PROJECT AND SHALL MEET ALL REQUIREMENTS (INCLUDING MIXING AND PLACING REQUIREMENTS) AS SET FORTH BY F.D.O.T. FOR AN ASPHALTIC CONCRETE SURFACE COURSE TYPE SP.

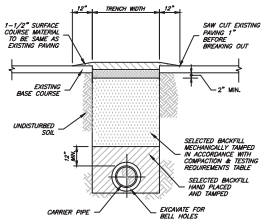
WHERE REFERENCE IS MADE TO A STANDARD SPECIFICATION OR DETAIL, THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION, SHALL BE USED AS IF PART OF THIS PLAN. COMPACTION AND DENSITY REQUIREMENTS ARE SUBJECT TO RECOMMENDATIONS OF THE GEOTECH (SOILS) SURVEY.

ALL PAVEMENT, PAVEMENT MARKINGS, SIGNAGE AND MESSAGES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE FDOT STANDARD SPECIFICATIONS.

ASPHALT MIX TO CONTAIN MAXIMUM 20% RAP WITH PG 76-22 ASPHALT BINDER GRADE AND MUST MEET FDOT SPECIFICATION 334.

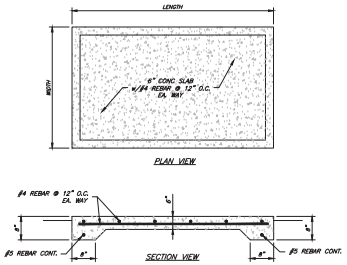
TYPE SP PAVEMENT DETAIL

SCALE: NTS



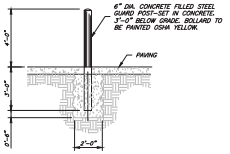
TYPICAL ASPHALT CUT AND PATCH DETAIL

SCALE: NTS



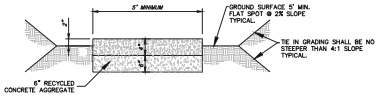
DUMPSTER PAD

SCALE: NTS S-034



BOLLARD DETAIL

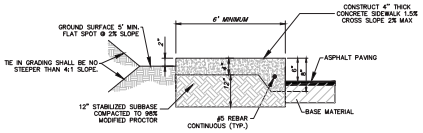
SCALE: NTS DETAIL S-002



TYPICAL 4" CONCRETE SIDEWALK IN UNPAVED AREA

SCALE: NTS

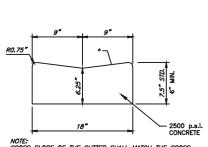
NOTE:
CONSTRUCT 4" THICK CONCRETE SIDEWALK IN ACCORDANCE WITH FDOT INDEX LATEST EDITION



RAISED 4" CONCRETE SIDEWALK

SCALE: NTS

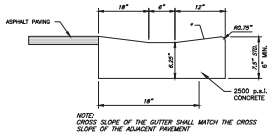
NOTE:
CONSTRUCT 4" THICK CONCRETE SIDEWALK IN ACCORDANCE WITH FDOT INDEX LATEST EDITION



NOTE:
CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT

18" DROP CURB

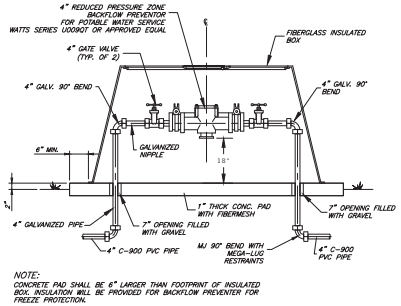
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NOTE:
CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT

SHOULDER GUTTER

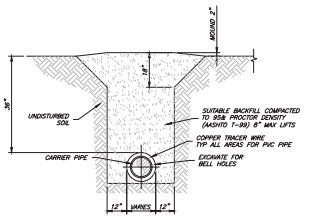
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NOTE:
CONCRETE PAD SHALL BE 6" LARGER THAN FOOTPRINT OF INSULATED BOX. INSULATION WILL BE PROVIDED FOR BACKFLOW PREVENTER FOR FREEZE PROTECTION.

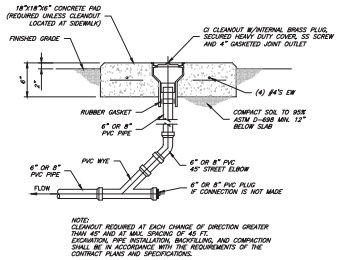
4" BACKFLOW PREVENTER

SCALE: NTS



TYPICAL UNPAVED PIPE TRENCH DETAIL

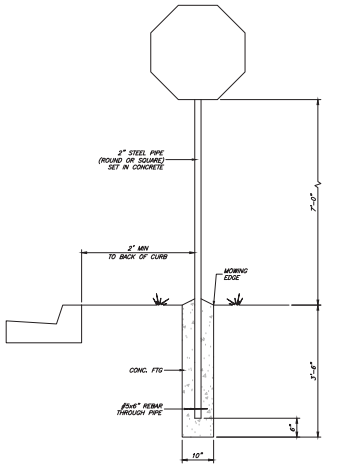
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NOTE:
CLEANOUT REQUIRED AT EACH CHANGE OF DIRECTION GREATER THAN 45° AND AT MAX. SPACING OF 45 FT. EXCAVATION, PIPE INSTALLATION, BACKFILLING, AND COMPACTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT PLANS AND SPECIFICATIONS.

TYPICAL CLEAN OUT

SCALE: NTS



STOP SIGN DETAIL

SCALE: NTS

George & Associates Consulting Engineers, Inc.

ENGINEERING BUSINESS NO. 2829

PHONE 850.521.0344 - FAX 850.521.0345
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Clemons,Rutherford, & Associates, Inc.

Architects
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2027 Thomasville Road
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phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHAWN E. HUFF PE#: 69618

Submittal

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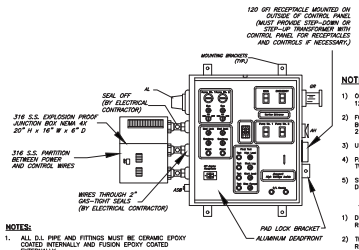
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
DETAILS

C 801



NOTES:

1. ALL D.I. PIPE AND FITTINGS MUST BE CERAMIC EPOXY COATED INTERNALLY AND FUSION EPOXY COATED EXTERNALLY.
2. PIPING WITHIN VALVE VAULT SHALL BE PAINTED WITH TWO COATS OF A COAL-TAR EPOXY TO PROVIDE A DRY FILM THICKNESS OF 10 MILS PER COAT.
3. CONTRACTOR MAY SUBMIT ALTERNATE EQUAL DUPLEX PUMP CONTROL PANEL FOR APPROVAL.

NOTES:

1) OUTER BOX SIZE SHALL BE A MINIMUM OF 36" H x 24" W x 12" D OR APPROVED EQUAL.
2) FOR STATIONS WITH PUMPS RATED 20 HP OR GREATER, OUTER BOX SIZE SHALL BE 42" H x 30" W x 12" D AND SHALL HAVE 2 LATCHES ON THE DEAD FRONT.
3) USE ALUMINUM CONDUIT AND 316 S.S. SUPPORTS.
4) PANEL SHALL HAVE THREE-POINT LATCH PLUS A MINIMUM OF TWO OTHER FASTENERS.
5) SUBPANEL SHALL BE SUBMITTED AS PART OF SHOP DRAWING REVIEW.

GENERATOR RECEPTACLE:

1) DUPLEX PUMP STATION – USE 100 AMP RECEPTACLE FOR MOTORS UP TO 30 HP (240 V)
2) TRIPLEX PUMP STATION – USE 100 AMP RECEPTACLE FOR MOTORS UP TO 15 HP (240 V)
3) ANY PUMP STATION FACILITY WHICH INCORPORATES A PUMP/MOTOR COMBINATION LARGER THAN THE PRECEDING CONSTRAINTS SHALL BE PROVIDED WITH A PERMANENT STANDBY GENERATOR.

DUPLEX PUMP CONTROL PANEL

U-060

I. FORCE MAIN AND WATER MAIN OUTSIDE OF WELLFIELD PROTECTION ZONE

MAXIMUM QUANTITY OF WATER (GALLONS PER HOUR) THAT MAY BE SUPPLIED TO MAINTAIN PRESSURE WITHIN 5 P.S.I. OF THE SPECIFIED TEST PRESSURE.

(MECHANICAL OR PUSH-ON JOINT, 18 FT. NOMINAL LENGTHS, PER 1000 FT. OF PIPE)

AVG. TEST PRESSURE	PIPE DIAMETER (INCHES)										
PSI	2	3	4	6	8	10	12	14	16	18	20	24	30
150	0.10	0.14	0.18	0.27	0.37	0.46	0.55	0.64	0.73	0.83	0.92	1.10	1.38

NOTES:

1. *TO OBTAIN THE MAXIMUM QUANTITY OF WATER FOR PIPE WITH 20 FT. NOMINAL LENGTHS, MULTIPLY THE QUANTITY CALCULATED FROM THE TABLE BY 0.9.<<*
2. *THE MAXIMUM QUANTITY OF ADDED WATER FOR A PIPELINE IS CALCULATED BY MULTIPLYING THE QUANTITY PER HOUR AS OBTAINED FROM THE ABOVE TABLE, BY THE DURATION OF THE TEST IN HOURS, AND BY THE TOTAL LENGTH OF THE LINE BEING TESTED, DIVIDED BY 1,000. IF THE LINE UNDER TEST CONTAINS SECTIONS OF VARIOUS DIAMETERS, THE MAXIMUM QUANTITY ADDED WILL BE THE SUM OF THE COMPUTED QUANTITIES FOR EACH SIZE.<<*
3. *THIS STANDARD SHALL NOT BE CONSTRUED AS LIMITING NEW TECHNOLOGY.*
4. *THIS STANDARD SHALL REFLECT ANY REVISION OF A.W.W.A. C-600-05. HOWEVER, THE MAXIMUM QUANTITY OF WATER ADDED SHALL NOT EXCEED 50% OF RECOMMENDED LIMIT PER APPLICABLE AWWA C-600-05 STANDARD.<<*
5. *STANDARD TEST PRESSURE = 150 P.S.I.*
6. *FORMULA BASIS:* $L = \frac{SD(P)^{1/2}}{148,000}$

L = MAXIMUM QUANTITY OF WATER TO BE ADDED (GALLONS PER HOUR)
S = LENGTH OF PIPE TESTED (FEET)
D = DIAMETER OF PIPE (INCHES)
P = TEST PRESSURE (P.S.I.)

7. *PRESSURE TEST DURATION TO BE MIN. 2 HOURS.*
8. *DISINFECTION OF MAINS SHALL COMPLY WITH A.N.S.I./A.W.W.A. C-651-05 STANDARD.*
9. *DUCTILE IRON WATER MAIN PIPE SHALL CONFORM TO THE REQUIREMENTS OF A.N.S.I./A.W.W.A. C-151-02.*

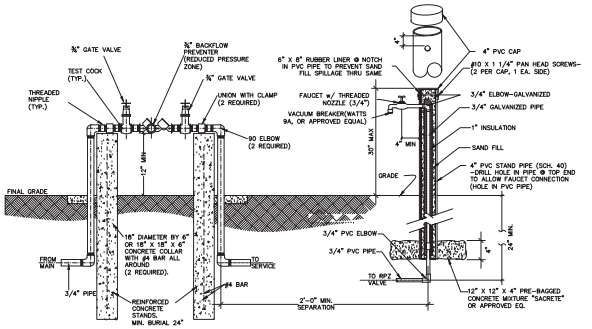
II. FORCE MAIN AND WATER MAIN WITHIN WELLFIELD PROTECTION ZONE.

NOTES:

1. *PRESSURE TEST PROCEDURE TO FOLLOW THE CURRENT AWWA C-600-05 STANDARD (150psi, (2) HOUR DURATION), THERE SHALL BE NO PRESSURE DROP IN THE PIPE DURING THE TEST ("ZERO" FILL-UP TOLERANCE).*

PRESSURE TEST CRITERIA

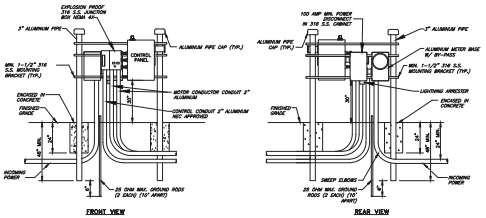
403



NOTES:
1. ALL PIPE AND FITTINGS 3" AND SMALLER SHALL BE THREADED SCHEDULE 40 GALVANIZED STEEL OR BRASS, 24" BURIAL MIN.
2. BACKFLOW PREVENTER SHALL BE SERIES 009 QT, 3/4", AS MANUFACTURED BY WATTS.
3. HOSE BIBB SHALL BE NO. HB-1, AS MANUFACTURED BY WATTS, WITH BUILT-IN VACUUM BREAKER.

TYPICAL WATER STAND (WASH DOWN)

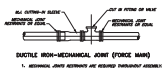
N.T.S.



LIFT STATION CONTROL PANEL INSTALLATION

N.T.S.

U-059

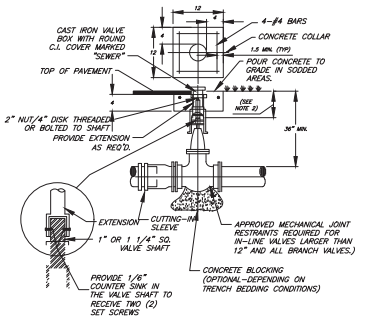


DUCTILE IRON-MECHANICAL JOINT (FORCE MAIN)

1. MECHANICAL JOINTS RESTRAINTS ARE REQUIRED THROUGHOUT ASSEMBLY.

PRESSURE PIPE STANDARD CUT-IN DETAIL

404

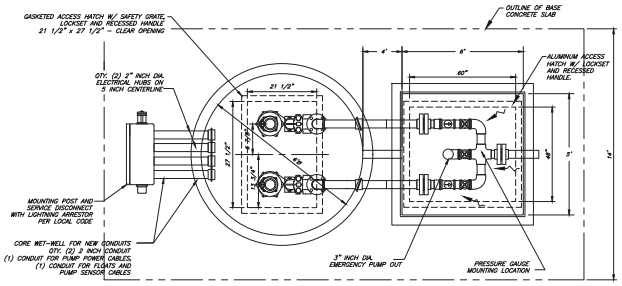


NOTES:

1. CONCRETE COLLAR IS NOT REQUIRED IN PAVED AREAS IF PAVEMENT SURFACE IS FINISHED PRIOR TO CONDITIONAL FINAL INSPECTION.
2. WHEN VALVE NUT IS DEEPER THAN 36" AN EXTENSION WITH UNIVERSAL JOINT SHALL BE REQUIRED TO BRING OPERATING NUT 24"-30" BELOW FINISHED GRADE. EXTENSION BOLTS & NUTS SHALL BE 316 STAINLESS STEEL. A 316 STAINLESS STEEL CENTERING PLATE SHALL ALSO BE REQUIRED. VALVE BOXES SHALL HAVE LOCKING COVERS MARKED "SEWER" OR "WATER".
3. EXTENSION RISER TO BE D.I.P.
4. AT DEAD END OR WHERE MAIN LINES CHANGE DIRECTION, VALVES SHALL BE RESTRAINED USING MECHANICAL JOINT RESTRAINT.

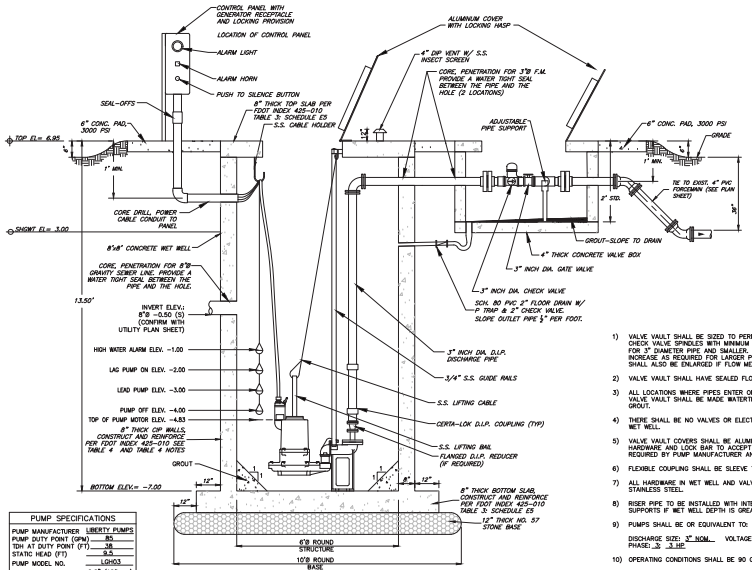
TYPICAL VALVE DETAIL

406



DUPLEX LIFT STATION

N.T.S.



PUMP SPECIFICATIONS	
PUMP MANUFACTURER	LIBERTY PUMPS
PUMP DUTY POINT (GPM)	85
TDH AT DUTY POINT (FT)	38
STATIC HEAD (FT)	0.0
PUMP MODEL NO.	LSH03
PUMP IMPELLER SIZE	6.6" (168mm)
INLET/DISCHARGE SIZE (IN)	3
SUPPLY VOLTAGE	230v
PHASE	1
PUMP RPM	3450
HORSE POWER	3
MOTOR NUMBER	LSH03MW-3
FORCE MAIN SIZE (IN)	4
FORCE MAIN LENGTH (FT)	1,195
EQUIVALENT FM LENGTH (FT)	1,256
WET WELL SIZE (FT)	6
WET WELL DEPTH (FT)	13.50
WET WELL TYPE	DUPLEX

1. LIBERTY PUMPS OR APPROVED EQUAL.

DUPLEX LIFT STATION SECTION VIEW

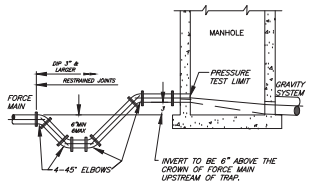
N.T.S.

1) VALVE VAULT SHALL BE SIZED TO PERMIT EASY REMOVAL OF CHECK VALVE SPINDLES WITH MINIMUM CLEARANCES AS SHOWN FOR 3" DIAMETER PIPE AND SMALLER. CLEARANCES SHALL INCREASE AS REQUIRED FOR LARGER PIPE SIZES. VALVE VAULT SHALL ALSO BE ENLARGED IF FLOW METER IS REQUIRED.
2) VALVE VAULT SHALL HAVE SEALED FLOOR AND DRAIN.
3) ALL LOCATIONS WHERE PIPES ENTER OR EXIT THE WET WELL OR VALVE VAULT SHALL BE MADE WATERTIGHT WITH NON-SHRINK GROUT.
4) THERE SHALL BE NO VALVES OR ELECTRICAL JUNCTION BOXES IN WET WELL.
5) VALVE VAULT COVERS SHALL BE ALUMINUM WITH 316 S.S. HARDWARE AND LOCK BAR TO ACCEPT PADLOCK. SIZE AS REQUIRED BY PUMP MANUFACTURER AND APPROVED BY ENGINEER.
6) FLEXIBLE COUPLING SHALL BE SLEEVE TYPE.
7) ALL HARDWARE IN WET WELL AND VALVE VAULT SHALL BE 316 STAINLESS STEEL.
8) RISER PIPE TO BE INSTALLED WITH INTERMEDIATE 316 S.S. PIPE SUPPORTS IF WET WELL DEPTH IS GREATER THAN 15 FEET.
9) PUMPS SHALL BE OR EQUIVALENT TO

DISCHARGE SIZE: 3" NOM. VOLTAGE: 480
PHASE: 3 HP: 3 HP

10) OPERATING CONDITIONS SHALL BE 90 GPM AT 38' TDH

LIFT STATION GENERAL NOTES



NOTES:

1. FORCE MAIN TO ENTER MANHOLE AS CLOSE AS POSSIBLE TO 180° TO GRAVITY OUTLET.
2. THE INVERT LEVEL OF FORCE MAIN AT POINT OF ENTRY SHALL BE 6" ABOVE INVERT OF MANHOLE.
3. CORE ENTRY ONLY INTO EXISTING MANHOLES.
4. TRAP TO BE LOCATED PRIOR TO DROP INTO MANHOLE.
5. USE TWO 45° ELBOWS PAST TRAP IF ELEVATION DROP IS REQUIRED TO ENTER MANHOLE.
6. FLOW CHANNEL REQUIRED.
7. MANHOLE TO BE COATED AS SPECIFIED.

FORCE MAIN ENTERING MANHOLE

408

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2829
PHONE 850.521.0344 • FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL • ENVIRONMENTAL • TRANSPORTATION
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BROWARD COUNTY

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CRA ARCHITECTS

Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHARON E. HUFF PE#: 69838

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/16	SEP	SEH

Revision

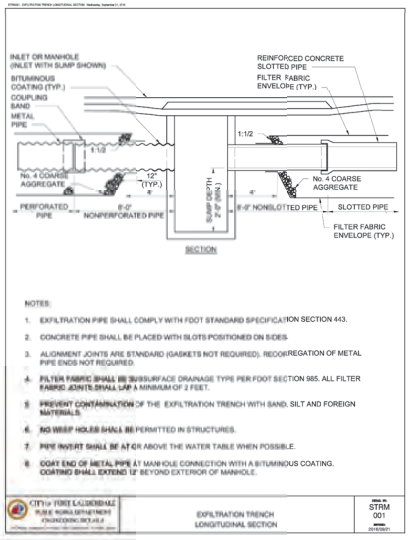
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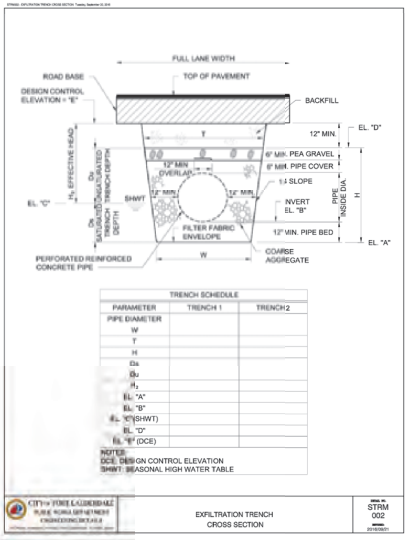
CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

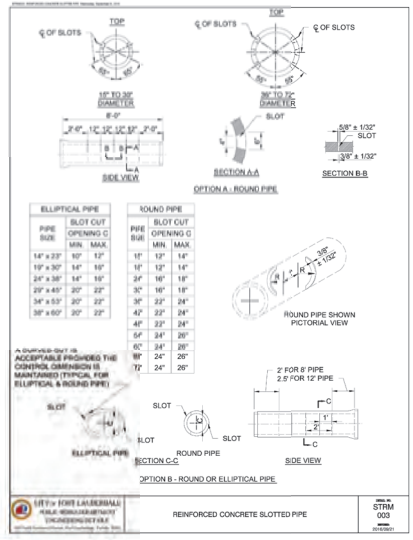
SHEET TITLE

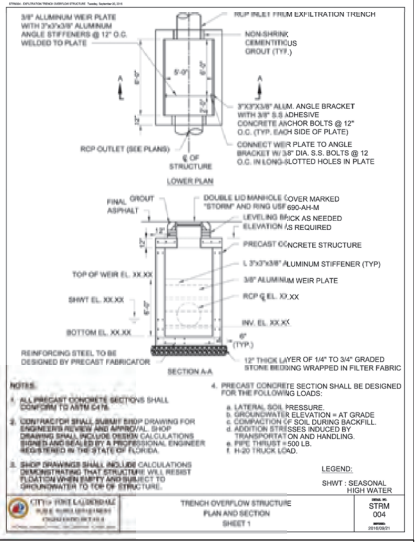
LIFT STATION DETAILS

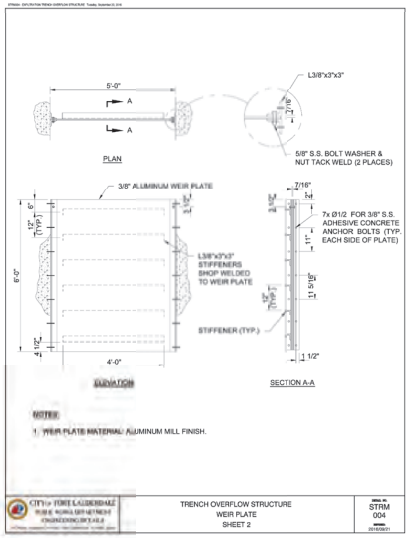
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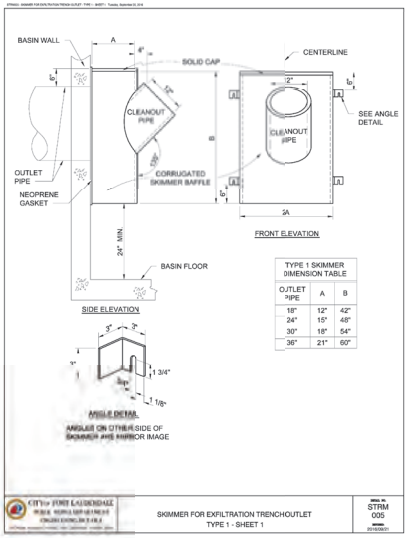


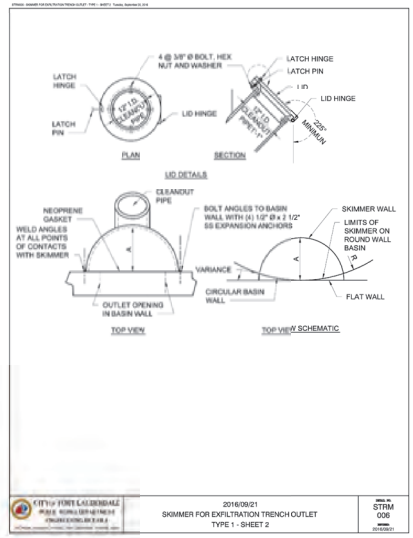


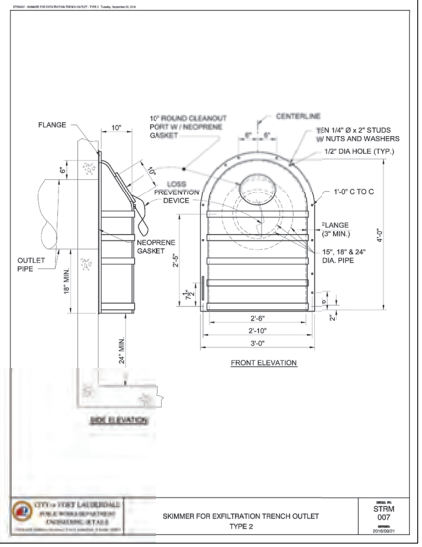












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ENGINEERING BUSINESS NO. 2029
PHONE 850.521.0344 - FAX 850.521.0345
1867 Commonwealth Lane, Suite 200
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SHANON E. HUFF PE#: 81618

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/14/16	KJP	DM

Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE

DETAILS - FT. LAUDERDALE

C 803

NOTES:

1. THE SKIMMER IS A HOODED COVER, MOUNTED OVER AN OUTLET IN A CATCHBASIN, THAT PREVENTS OIL AND FLOATING DEBRIS FROM EXITING THE BASIN. USE THIS SKIMMER IN CATCHBASINS WHERE THERE IS A NEED TO PREVENT OIL, DEBRIS OR OTHER FLOATING CONTAMINANTS FROM EXITING CATCHBASINS THROUGH OUTLET PIPES.
2. PLACE NEOPRENE GASKET MATERIAL BETWEEN THE SKIMMER AND THE CATCHBASIN AT ALL POINTS OF CONTACT. TRIM THE GASKET NEATLY TO EXTEND 1/2 INCH BEYOND THE JOINT ON ALL SIDES.
3. SKIMMER BAFFLE, CLEANOUT PIPE AND ANGLES SHALL BE PRIMARILY CONSTRUCTED OF EITHER GALVANIZED STEEL, ALUMINUM, POLYVINYL CHLORIDE, POLYETHYLENE, FIBERGLASS OR ACRYLONITRITE BUTADIENE STYRENE. ALL STEEL COMPONENTS, OTHER THAN STAINLESS STEEL, SHALL BE HOT-DIP GALVANIZED.
4. MOUNTING HARDWARE, HINGES AND LATCHES SHALL ALL BE 316 STAINLESS STEEL. LOSS PREVENTION DEVICE SHALL BE EITHER 316 STAINLESS STEEL CHAIN OR RIVETED NYLON STRAP.
5. MATERIAL USED IN CONSTRUCTION OF SKIMMER BODIES (BAFFLES) AND CLEANOUT PIPE SHALL COMPLY WITH FDOT STANDARD SPECIFICATION 943 FOR STEEL, 945 FOR ALUMINUM OR 948 FOR PLASTICS.
6. ALL COST FOR FURNISHING AND INSTALLING A SKIMMER SHALL BE INCLUDED IN THE COST OF THE BASIN IN WHICH IT IS INSTALLED.
7. PLASTIC SKIMMER SHALL CONTAIN A MINIMUM OF 1.5% BY WEIGHT OF CARBON BLACK FOR UV PROTECTION.
8. THE BACKS OF SKIMMERS MUST CONFORM TO THE SHAPE OF THE BASIN WALLS ON WHICH THEY ARE MOUNTED.
9. THE CLEANOUT PORT FOR THE TYPE 2 SKIMMER SHALL BE GASKETED. WITH EITHER A THREADED SCREW-IN LID OR A LID SECURED BY FOUR STAINLESS STEEL QUICK-RELEASE LATCHES.
10. TYPE II SKIMMER ARE TO BE USED ONLY WITH OUTLET PIPE DIAMETERS OF 15", 18" AND 24".

CITY OF FORT LAUDERDALE — PUBLIC WORKS DEPARTMENT — ENGINEERING DETAILS

SKIMMER FOR EXFILTRATION TRENCH OUTLET NOTES

STRM 008 — 20150501

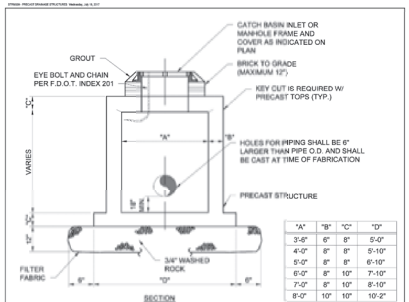
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CITY OF FORT LAUDERDALE — PUBLIC WORKS DEPARTMENT — ENGINEERING DETAILS

SKIMMER FOR EXFILTRATION TRENCHOUTLET NOTES

STRM 008 — 20150501



"A"	"B"	"C"	"D"
3'-6"	6"	8"	5'-0"
4'-0"	8"	8"	5'-10"
5'-0"	8"	8"	6'-10"
6'-0"	8"	10"	7'-10"
7'-0"	8"	10"	8'-10"
8'-0"	10"	10"	10'-2"

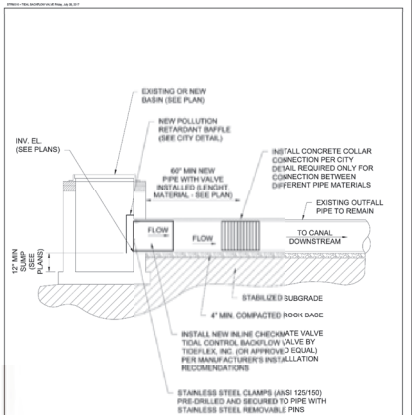
NOTES:

1. PRECAST STRUCTURE SHALL BE EITHER SQUARE OR ROUND AS INDICATED ON THE PLANS.
2. REINFORCING SHALL BE DESIGNED BY THE PRECAST MANUFACTURER TO COMPLY WITH FDOT INDEX 200.
3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ENGINEER'S REVIEW. SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
4. DESIGN STRUCTURE FOR H-20 TRUCK LOAD.
5. SHOP DRAWINGS SHALL INCLUDE CALCULATIONS DEMONSTRATING THAT STRUCTURE WILL RESIST FLOATION WHEN EMPTY AND SUBJECT TO GROUNDWATER TO TOP OF STRUCTURE.
6. CATCH BASINS SHALL HAVE USF 4155 FRAME AND 6209 GRATE.
7. MANHOLES SHALL HAVE USF 230 RING AND TYPE AA COVER WITH THE LETTERING "STORM SEWER" CAST IN THE COVER.

CITY OF FORT LAUDERDALE — PUBLIC WORKS DEPARTMENT — ENGINEERING DETAILS

PRECAST CIRCULAR & SQUARE DRAINAGE STRUCTURES

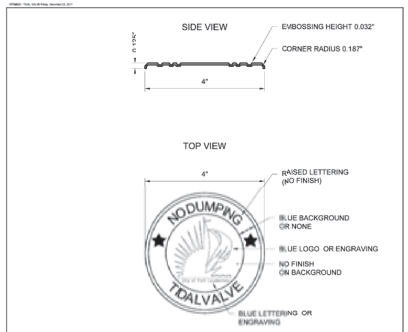
STRM 009 — 20170314



CITY OF FORT LAUDERDALE — PUBLIC WORKS DEPARTMENT — ENGINEERING DETAILS

INLINE CHECKVALVE INSTALLATION FOR TIDAL FLOOD CONTROL

STRM 016 — 20170208



FINISH		
MY BAKED ENAMEL - 1 COLOR OPTION		
MATERIAL	THICKNESS	WEIGHT
304 ANNEALED STAINLESS STEEL	0.062"	0.218 LBS.

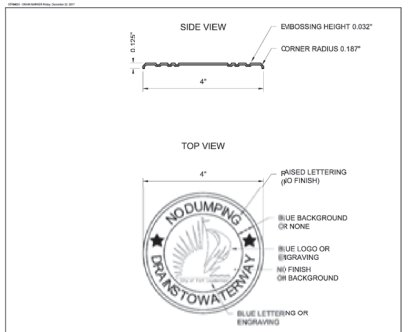
NOTES

1. DRAIN MARKER SHALL BE BY LORDON, INC., OR EQUAL.
2. SECURE WITH SNAPLEX #FC ADHESIVE.

CITY OF FORT LAUDERDALE — PUBLIC WORKS DEPARTMENT — ENGINEERING DETAILS

TIDAL VALVE MARKER

STRM 022 — 20171020



FINISH		
MY BAKED ENAMEL - 1 COLOR OPTION		
MATERIAL	THICKNESS	WEIGHT
304 ANNEALED STAINLESS STEEL	0.062"	0.218 LBS.

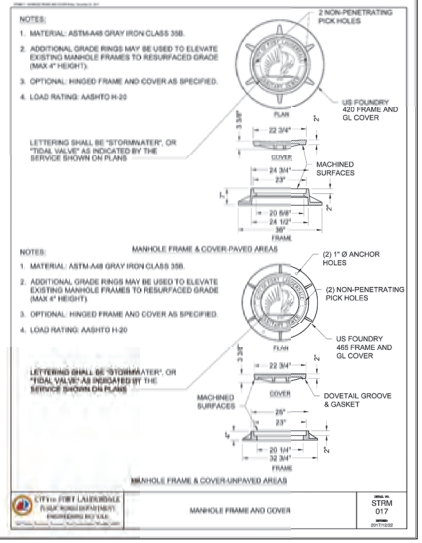
NOTES

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CITY OF FORT LAUDERDALE — PUBLIC WORKS DEPARTMENT — ENGINEERING DETAILS

DRAIN MARKER

STRM 021 — 20171020



CITY OF FORT LAUDERDALE — PUBLIC WORKS DEPARTMENT — ENGINEERING DETAILS

MANHOLE FRAME AND COVER

STRM 017 — 20171020

George & Associates Consulting Engineers, Inc.

ENGINEERING BUSINESS NO. 2829

PHONE 850.521.0344 - FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
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SHANON E. HUFF — PE#: 69638

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/14/17	SJF	DM

Revision

#	Description	Date

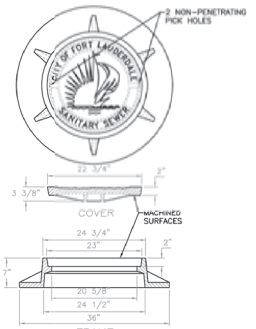
CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE

DETAILS - FT. LAUDERDALE

C 804

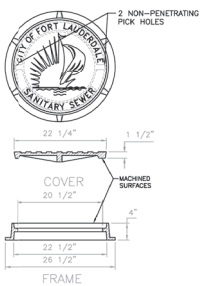
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NOTES:

1. MATERIAL: FRAME AND COVER AS SPECIFIED.
2. ADDITIONAL GRADE RINGS MAY BE USED TO ELEVATE EXISTING MANHOLE FRAMES TO RESURFACED GRADE (MAX. 4" HEIGHT).
3. ALL DIMENSIONS ARE NOMINAL.
4. OPTIONAL: HINGED FRAME AND COVER AS SPECIFIED.

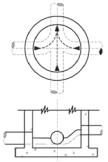
200 MANHOLE FRAME & COVER PAVED AREAS N.T.S



NOTES:

1. MATERIAL: FRAME AND COVER AS SPECIFIED.
2. ADDITIONAL GRADE RINGS MAY BE USED TO ELEVATE EXISTING MANHOLE FRAMES TO RESURFACED GRADE (MAX. 4" HEIGHT).
3. ALL DIMENSIONS ARE NOMINAL.
4. OPTIONAL: HINGED FRAME AND COVER AS SPECIFIED.

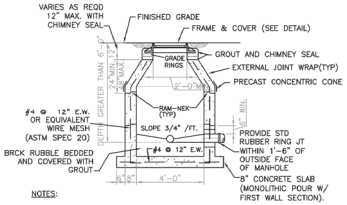
201 MANHOLE FRAME & COVER UNPAVED AREAS N.T.S.



NOTE:

1. ALL INVERT CHANNELS ARE TO BE CONSTRUCTED FOR SMOOTH FLOW WITHOUT OBSTRUCTION.
2. PROPERLY SHAPED SPILLWAYS SHALL BE CONSTRUCTED BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS TO PROVIDE FOR SMOOTH FLOWS.
3. SERVICE LATERALS SHALL NOT ENTER MANHOLES UNLESS SPECIFIED ON PLANS AND THEN MUST BE TREATED AS MAINS. (ELEVATIONS SHOWN, PRECAST HOLE, FLOW CHANNEL)
4. BRICK RUBBLE PERMITTED AS FLOW CHANNEL BUILDUP.
5. SIDEWALLS OF FLOW CHANNEL SHALL BE AT LEAST HALF OF PIPE HEIGHT AT ALL POINTS.
6. NO INSIDE DROP LARGER THAN 6" SHALL BE ALLOWED WITH 3 OR 4 INVERTS AND MANHOLES WITH A CHANGE OF DIRECTION OF FLOW OF MORE THAN 45 DEGREES.

202 INVERT FLOW CHANNELS N.T.S.



NOTES:

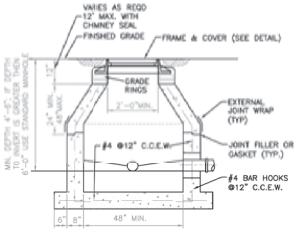
1. PRECAST CONCRETE TYPE II 4000 P.S.I.
2. "RAM-NEK" OR EQUAL AT ALL RISER JOINTS (1/2" THICK WITH THE WIDTH AT LEAST 1/2 THE WALL THICKNESS).
3. ALL OPENINGS SHALL BE SEALED WITH A WATERPROOF NON-SHRINKING GROUT.
4. FLOW CHANNELS SHALL BE CONSTRUCTED TO DIRECT INFLUENT INTO FLOW STREAM. (SEE DETAIL)
5. LIFT HOLES ARE PERMITTED.
6. ALL PIPE HOLES SHALL BE PRECAST OR CORE DRILLED.

A. FOR PVC PIPE ENTERING MANHOLE WITH PRECAST HOLES USE THE APPROVED NON-ASBESTOS PVC-MANHOLE ADAPTER OR PRECAST FLEXIBLE MANHOLE SLEEVE FOR THE APPROPRIATE PIPE DIAMETER AND DIMENSION RATIO. THE ADAPTER SHALL NOT EXTEND MORE THAN 1" INTO THE MANHOLE. DOUBLE BANDING IS REQUIRED FOR FLEXIBLE MANHOLE SLEEVE.

B. CONNECTION TO A MANHOLE WITH A CORE DRILLED HOLE SHALL BE MADE USING A 5' MIN. DUCTILE IRON PIPE SECTION (EPOXY LINED) OR THE APPROVED PVC-MANHOLE ADAPTER.

7. INSIDE DROPS SHALL NOT BE DESIGNED TO EXCEED 1.80 FEET AND NOT CONSTRUCTED TO EXCEED 2.0 FEET. MAX. 6" INSIDE DROP IS PERMITTED FOR MANHOLES WITH 3 OR MORE INVERTS AND MANHOLES WITH A CHANGE IN FLOW DIRECTION OF MORE THAN 45 DEGREES.
8. MANHOLE FABRICATION SHALL BE IN ACCORDANCE WITH ASTM C-478, LATEST STANDARD.
9. MINIMUM 5 FEET IS REQUIRED BETWEEN OUTSIDE OF MANHOLE AND SERVICE WYE.
10. MANHOLES TO BE PAINTED INSIDE AND OUTSIDE WITH 2 COATS OF AN APPROVED PROTECTIVE COATING. (ONE COAT RED, ONE COAT BLACK) MIN. 8-10 MILS D.F.T. PER COAT.
11. MANHOLE SHALL BE SET PLUMB TO LINE AND GRADE.

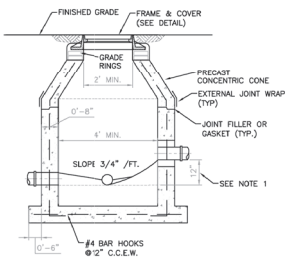
203 STANDARD MANHOLE N.T.S.



NOTE:

ALL STANDARD MANHOLE NOTES AND DETAILS ARE APPLICABLE

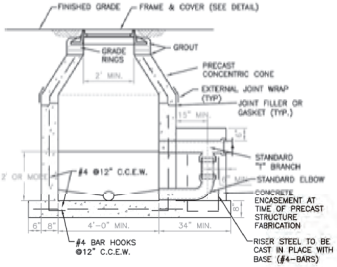
204 SHALLOW MANHOLE N.T.S.



NOTES:

1. INSIDE DROP TO BE USED WHEN DROP IS GREATER THAN 6 INCHES AND LESS THAN 24 INCHES AND/OR FOR LATERAL CONNECTIONS.
2. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE TO DIRECT INFLUENT INTO FLOW STREAM.
3. CONSTRUCTION OF DROP SHALL PROVIDE AN OVERSIZED SLAB TO EXTEND UNDER THE DROP CONNECTION.
4. MINIMUM PIPE SIZE FOR DROP IS 8".
5. SEE "STANDARD MANHOLE" DETAIL FOR ADDITIONAL REQUIREMENTS.

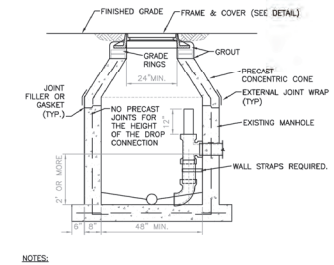
205 DROP CONNECTION PRECAST MANHOLE - TYPE A N.T.S.



NOTES:

1. ALL DETAILS AND SPECIFICATIONS FOR STANDARD MANHOLES ARE APPLICABLE EXCEPT FOR REFERENCES TO DROP ASSEMBLY.
2. DROP CONNECTIONS SHALL BE REQUIRED WHENEVER AN INFLUENT INVERT IS LOCATED 2.0 FEET OR MORE ABOVE THE MAIN INVERT CHANNEL. DROP CONNECTIONS SHOULD NOT BE DESIGNED FOR LESS THAN A 2.0 FOOT DROP.
3. SOLVENT TYPE JOINT PVC FITTINGS TO BE UTILIZED IN THE DROP ASSEMBLY ONLY.
4. THE PRECAST BASE SHALL EXTEND FULLY UNDER THE DROP ASSEMBLY AND BE CONSTRUCTED MONOLITHICALLY WITH THE BASE SECTION.
5. BRICK AND CONCRETE RUBBLE ARE PERMITTED AS FILLER IN DROP ENCASEMENT.

206 OUTSIDE DROP CONNECTION PRECAST MANHOLE - TYPE B N.T.S.



NOTES:

1. ALL DETAILS AND SPECIFICATIONS FOR STANDARD MANHOLES ARE APPLICABLE EXCEPT FOR REFERENCES TO DROP ASSEMBLY.
2. INSIDE DROP CONNECTION TO BE USED ONLY FOR A SINGLE DROP CONNECTION TO AN EXISTING MANHOLE.
3. DROP CONNECTIONS SHALL BE REQUIRED WHENEVER AN INFLUENT INVERT IS LOCATED 2.0 FEET OR MORE ABOVE THE MAIN INVERT CHANNEL. DROP CONNECTIONS SHOULD NOT BE DESIGNED FOR LESS THAN A 2.0 FOOT DROP.
4. SOLVENT TYPE JOINT PVC FITTINGS TO BE UTILIZED IN THE DROP ASSEMBLY ONLY.

207 INSIDE DROP CONNECTION EXISTING MANHOLE - TYPE C N.T.S.

DRAWING2.DWG

NOT FOR CONSTRUCTION OR BID

PROJECT # P0000
PROJECT NAME
DESCRIPTION
SHEET
PLACE PROJECT ADDRESS

NO.	DATE	REVISIONS BY	CHK'D	DESCRIPTION

PROGRESS:
Phase 100% CONSTRUCTION DOCUMENTS
DATE: 09/17/2018
DRAWN BY: CMB
CHECKED BY:
SCALE:
FIELD BOOK:
TITLE: DETAILS - FT. LAUDERDALE
FILE: DETAILS - FT. LAUDERDALE.DWG

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

SHEET NO.
SSWR01

TOTAL:	0
CAD FILE:	DRAWING2
DRAWING FILE NO.	4-XXX-XX

George & Associates
Consulting Engineers, Inc.

ENGINEERING BUSINESS NO. 2829

PHONE 850.521.0344 - FAX 850.521.0345
1867 Commonwealth Lane, Suite 200
Tallahassee, FL 32303

CML - ENVIRONMENTAL - TRANSPORTATION
SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS

Clemons,Rutherford,
& Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHARON E. HUFF PE#: 69618

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	7/6/18	SEF	DJG

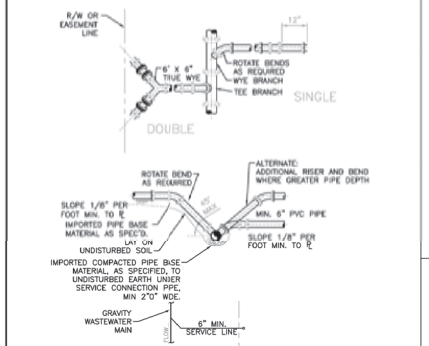
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
DETAILS - FT. LAUDERDALE

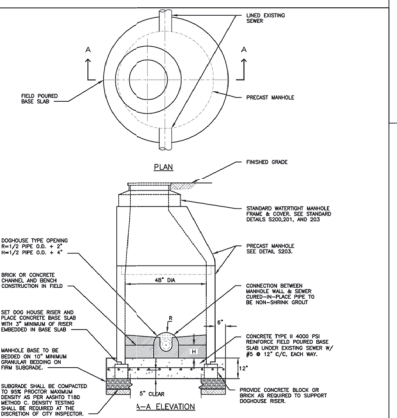
C 805



NOTES:

1. ALL NEW OR REPLACED SANITARY SEWER SERVICES SHALL BE SINGLE CONNECTIONS. TRUE WYE DOUBLE CONNECTIONS ARE NOT ALLOWED. THE ABOVE TRUE WYE DETAIL IS SHOWN HERE FOR REFERENCE PURPOSES ONLY, FOR CASES WHEN A WYE ALREADY EXISTS AND THE SERVICE LINE IS NOT BEING REPLACED.
2. WASTEWATER MAIN WYE BRANCH TO MATCH MAIN PIPE MATERIAL.
3. NO 90° BENDS SHALL BE USED FOR WASTEWATER SERVICE AND CLEANOUT INSTALLATIONS.
4. SERVICE LATERALS SHALL TERMINATE AT 12" INSIDE THE PROPERTY LINE AT A DEPTH OF 3 FEET EXCEPT WHERE A DEEPER INVERT IS REQUIRED BY EXISTING BUILDING CONDITIONS.

208 TYPICAL WASTEWATER SERVICE CONNECTION
N.T.S.



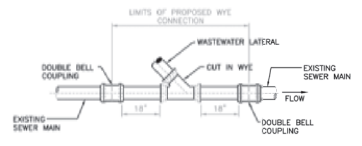
NOTES: INSTALLATION OF NEW PRECAST CONCRETE MANHOLE(S) BUILT OVER EXISTING CIP LINER.

1. ALL NEW MANHOLES MUST BE CONSTRUCTED PER STANDARD DETAIL S212 BY EXCAVATING TO HOST PIPE ELEVATION.
2. REMOVE HOST PIPE MATERIAL (E.G. VCP) FROM AREA OF NEW DOG HOUSE MANHOLE INSTALLATION.
3. CONTRACTOR SHALL NOT COMPROMISE STRUCTURAL INTEGRITY OF THE CIP LINER
4. CONTRACTOR SHALL PROPERLY SEAL CONNECTIONS BETWEEN DOG HOUSE MANHOLE AND CIP LINER WITH NON-SHRINK GROUT TO AVOID INFILTRATION AND INFLOW CONTRIBUTION TO THE CITY'S COLLECTION SYSTEM PER STANDARD DETAIL S212.
5. MANHOLE BENCH SHALL BE CONSTRUCTED TI INCORPORATE THE BOTTOM HALF OF THE CIP LINER AS PART OF THE MANHOLE BENCH.
6. UPON FINAL CONSTRUCTION AND CURING OF THE MANHOLE BENCH THE INSIDE OF THE MANHOLE SHALL BE LINED UTILIZING SPRAY APPLIED POLYMERIC (EPOXY AND URETHANE) RESINS. RAVEN LINING SYSTEMS, IET COATING (PAINTS AND COATINGS, INC.) OR APPROVED EQUAL MUST BE UTILIZED.
7. ALL NEW DOGHOUSE MANHOLE INSTALLATIONS MUST BE INSPECTED BY CITY INSPECTORS WHO SHALL WITNESS ALL PHASES OF CONSTRUCTION.
8. CONTRACTOR SHALL BE RESPONSIBLE TO PRIVIDE POST CCTV INSPECTION OF MAINLINE/ MANHOLE INTERCONNECTIONS.
9. QUALITY OF CCTV INSPECTION FILES MUST CLEARLY SHOW SUCH INTERCONNECTION IN ORDER TO EVALUATE AND APPROVE. CONTRACTOR SHALL SUBMIT A COPY OF CCT FILE TO DSD AND PW ENGINEERING STAFF FOR REVIEW AND APPROVAL.

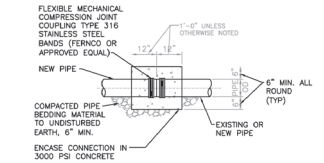
DSD = DEVELOPMENT SERVICES DEPARTMENT

PW = PUBLIC WORKS

212 PRECAST CONCRETE MANHOLE BUILT OVER EXISTING CURED IN PLACE LINED SEWER PIPE
N.T.S.



210 NEW LATERAL ON EXISTING GRAVITY WASTEWATER MAIN
N.T.S.



NOTE:

1. IN PLACE OF CONCRETE ENCASEMENT, WITH CITY'S ADVANCE APPROVAL, THE CONTRACTOR MAY USE SHEAR-RING COUPLINGS (FERNCO OR APPROVED EQUAL) PROVIDED THAT ALL METAL PARTS ARE SHOWN TO BE 316 STAINLESS STEEL.

211 JOINT FOR DISSIMILAR GRAVITY SEWER PIPE
N.T.S.

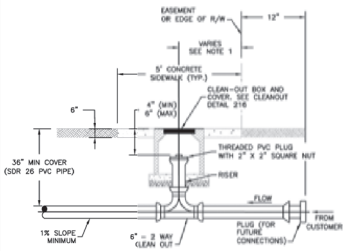
SEWER SYSTEM NOTES

ABANDONMENT OF EXISTING WASTEWATER SERVICE CONNECTIONS.

1. EXISTING SEWER LATERAL CONNECTIONS TO BE ABANDONED AS PART OF NEW CONSTRUCTION AND TO BE REPLACED WITH NEW CONNECTIONS MUST BE SEALED OFF USING SECTIONAL, CURED-IN PLACE (CIP) LINERS.
2. CIP LINER CONTRACTOR MUST BE DULY LICENSED BY BROWARD COUNTY, FLORIDA AND CERTIFIED BY THE EQUIPMENT MANUFACTURER AND/OR ITS AUTHORIZED REPRESENTATIVE TO PERFORM SUCH INSTALLATIONS.

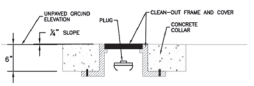
INSTALLATION OF NEW WASTEWATER SERVICE CONNECTIONS

3. NEW SERVICE CONNECTIONS TO COMPLY WITH STANDARD DETAIL 208.
4. NEW WASTEWATER SERVICE CONNECTIONS TO LINED GRAVITY SEWER SHALL BE CONSTRUCTED BY INSTALLING A LMTW) (LINED MAIN TAP) SADDLE INSTALLATION SYSTEM ENGINEERED TO CONNECT A LATERAL SERVICE PIPE TO A LINER INSIDE A REHABILITATED MAINLINE (LMK TECHNOLOGIES OR APPROVED EQUAL). TO BE INSTALLED PER MANUFACTURER INSTRUCTIONS.
5. CLEANOUT MUST BE PROVIDED PER STANDARD DETAIL S213.
6. CONTRACTOR SHALL PERFORM POST CCTV INSPECTION FOR NEW WASTEWATER SERVICE CONNECTION. SUBMIT COPY OF CCTV FILE TO CITY'S DSD AND PW ENGINEERING STAFF FOR INSPECTION OF DEFECTS OR DISTORTION TO MAINLINER.



1. THE PROPOSED CLEANOUT SHALL BE INSTALLED WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENT. IT SHALL BE INSTALLED IN THE MIDDLE OF THE SIDEWALK IF A SIDEWALK EXISTS ADJACENT TO THE PROPERTY LINE. THIS DIMENSION WILL VARY DEPENDING UPON THE WIDTH OF THE SIDEWALK. IF SIDEWALKS DO NOT EXIST, THE CLEAN OUT SHALL BE INSTALLED 2.5' (MIN.) – 3.0' (MAX) FROM THE RIGHT-OF-WAY LINE.
2. A NEW SECTION OF SIDEWALK SHALL BE POURED AROUND THE CLEAN-OUT BOX WHEN WORKING IN AN AREA WITH EXISTING SIDEWALKS. IF TRENCHLESS METHOD IS USED FOR CLEANOUT INSTALLATION, WHERE A PORTION OF THE CONCRETE SIDEWALK IS REMOVED BY CORE CUTTING, THE CIRCULAR CONCRETE CORE SURROUNDING THE CLEANOUT MAY BE RESTORED WITHOUT REPLACING THE ENTIRE SIDEWALK SLAB, AS LONG AS NO OTHER CRACKS AND/OR DEFECTS EXIST ON THE SLAB. IF CRACKS AND/OR DEFECTS EXIST ON THE SLAB, THE ENTIRE SLAB MUST BE REPLACED.
3. IN UNPAVED AREAS INSTALL 24-INCH-SQUARE OR 24-INCH-DIAMETER CONCRETE COLLAR (3,000 PSI AT 28 DAYS), FORMED UP TO AND AROUND THE CLEAN-OUT BOX AND HAVING A DEPTH OF 6-INCHES. THE COMPLETED CONCRETE COLLAR SHALL BE BROOM-FINISHED AND LEVEL WITH THE CLEAN-OUT BOX COVER AND FINISHED GRADE ELEVATION OF SURROUNDING GRASS, MULCH, GRAVEL, OR OTHER. SLOPE COLLAR FROM CENTER TO EDGE 1/4-INCH PER DETAIL S213A.
4. SEE DETAILS 213 THROUGH 216 FOR ADDITIONAL CLEANOUT DETAILS AND NOTES.

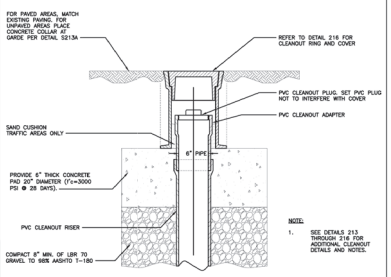
213 SANITARY SERVICE CONNECTION AT PROPERTY LINE OR EASEMENT LINE (PROFILE)
N.T.S.



213A CONCRETE COLLAR FOR CLEANOUTS IN UNPAVED AREAS
N.T.S.

EXPANSION PLUG NOTES:

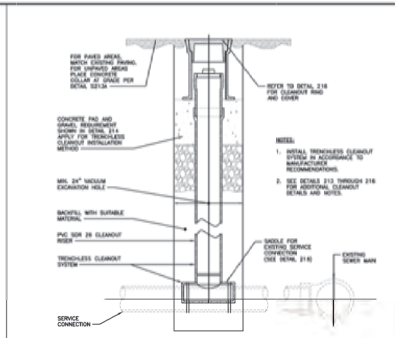
1. EXPANSION PLUG SHALL NOT INTERFERE WITH I.D.
2. PLUG FLANGE SHALL BE LARGER THAN PIPE I.D.
3. THREADED COMPONENTS SHALL BE FLATTENED OR STAKED TO PREVENT DISASSEMBLY.



NOTE:

1. SEE DETAILS 213 THROUGH 216 FOR ADDITIONAL CLEANOUT DETAILS AND NOTES.

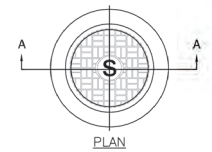
214 CLEAN-OUT COVER ASSEMBLY FOR 6-INCH CLEANOUTS
N.T.S.



215 TRENCHLESS CLEANOUT SYSTEM FOR INSTALLATION ON 4-INCH AND 6-INCH SANITARY SERVICE CONNECTIONS
N.T.S.

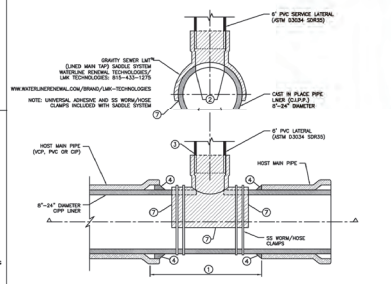
NOTES:

1. USF 7610 HANDHOLE RING AND FC COVER OR EQUAL TO BE USED.
2. CLEANOUT COVER TO BE MARKED WITH A "S".
3. FOR UNPAVED AREAS, CENTER CLEANOUT COVER IN CONCRETE COLLAR (SEE DETAIL 213A).



PLAN

216 CLEANOUT RING AND COVER
N.T.S.



LEGEND

1. CUT & REMOVE SECTION OF HOST PIPE WHERE SERVICE CONNECTION IS TO BE MADE WITHOUT DAMAGING CIPP LINER.
2. CUT HOLE FOR LATERAL WITH DIAMETER EQUAL TO INSIDE DIAMETER OF THE PVC LATERAL IN MAIN SEWER LINER WITH POWER TOOL.
3. CONNECT 6" PVC SEWER LATERAL BY LMT®(LINED MAIN TAP) SADDLE SYSTEM.
4. SEAL THE PIPE CUTS WITH HYDRAULIC CEMENT.
5. IF NEW LATERAL SERVICE CONNECTION IS BEING CONSTRUCTED SEE TYPICAL WASTEWATER SERVICE CONNECTION DETAIL 208.
6. IF A NEW CLEAN-OUT COVER ASSEMBLY MUST BE INSTALLED SEE STANDARD DETAILS 213, 213A, 214, 215 AND 216 FOR REFERENCE
7. UNIVERSAL ADHESIVE TO BE ON THE INSIDE OF SADDLE TO FORM WATER TIGHT SEAL BETWEEN LINER AND HOST PIPE. SEE MANUFACTURE'S SPECIFICATIONS FOR MORE APPLICATION INSTRUCTIONS.

218 SADDLE TEE FASTENED TO LINED GRAVITY MAIN
N.T.S.

PROGRESS PRINTS

DATE: MM/DD/YY

DESIGNED BY: SCALE:

DRAWN BY: CHECKED BY:

FIELD BOOK: TITLE: JPM PAGE: JPM

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

REVISIONS

NO.	DATE	BY	CHK'D	DESCRIPTION
1	03/04/21	M&S	AT	UPDATE FOR R&I PROGRAM

PROJECT # P0000
PROJECT NAME
DESCRIPTION
SHEET
PLACE PROJECT ADDRESS

SHEET NO.
SSWR02

TOTAL: 0

CAD FILE: FTLAUD-SSWR02

DRAWING FILE NO. 4-XXX-XX

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2029
PHONE 850.521.0344 - FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL - ENVIRONMENTAL - TRANSPORTATION SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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SHAWN E. HUFF PE#: 69828

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/16	KJP	SEH

Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

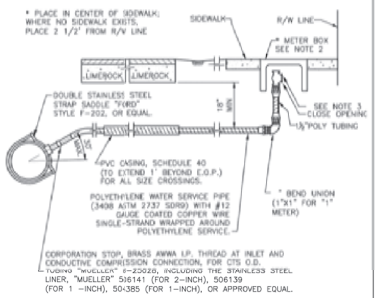
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DETAILS - FT. LAUDERDALE

C 806

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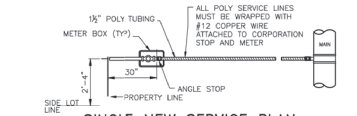
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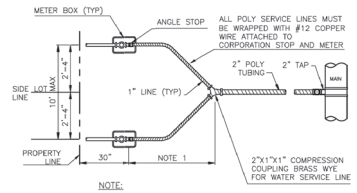
NOTE:

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, AND 1 INCH METERS SHALL BE THE OKIE DOKIE #890-40-260182 MEDIUM BOX AND 890-40-260257 MEDIUM LID OR EQUAL.
3. CONNECT ANGLE VALVE TO EXISTING METER WHERE APPLICABLE.

TYPICAL WATER SERVICE INSTALLATION (300)



SINGLE NEW SERVICE PLAN

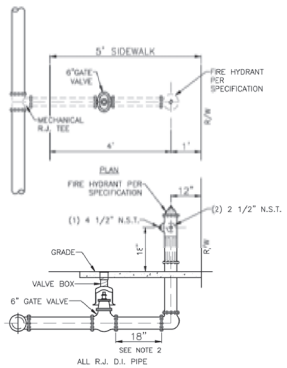


NOTE:

1. KEEP ½" WYE AS CLOSE AS POSSIBLE TO METER BOX.

DOUBLE NEW SERVICE PLAN

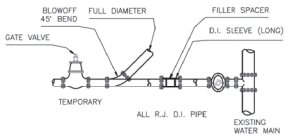
TYPICAL WATER SERVICE (301)



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.

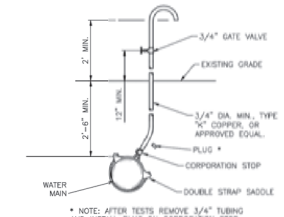
TYPICAL NEW FIRE HYDRANT ASSEMBLY INSTALLATION (302)



NOTES:

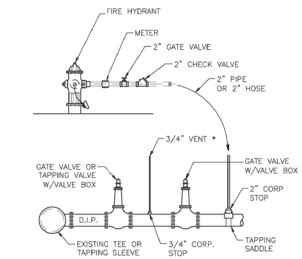
1. UPON COMPLETION OF THE PIPE INSTALLATION FOR ANY SECTION, THE MAINS SHALL BE SWABBED AND FLUSHED TO REMOVE DIRT AND ANY OTHER FOREIGN MATTER BY ACHIEVING A MINIMUM VELOCITY OF 2.5 FEET PER SECOND IN THE PIPE. TEMPORARY FITTINGS, PIPE, ETC. MAY BE NEEDED TO FACILITATE FLUSHING.
2. INSTALL A 45° BEND AND ASSOCIATED PIPING AS SHOWN TO DIRECT THE FLUSHING WATER AWAY FROM THE IMMEDIATE WORK AREA AND EXERCISE DUE CARE SO AS TO ENSURE THAT THE WATER USED IN FLUSHING DOES NOT CAUSE A NUISANCE OR INFLICT PROPERTY DAMAGE.
3. BENDS AND PIPING SHALL BE THE SAME SIZE AS THE LINE TO BE FLUSHED.
4. PRIOR TO THE ACTUAL LINE FLUSHING OPERATION, THE CONTRACTOR SHALL PROPERLY NOTIFY THE CITY INSPECTOR OF SUCH INTENDED WATER USE.
5. NO EXISTING VALVES SHALL BE TURNED ON OR OFF, EXCEPT BY AUTHORIZED CITY PERSONNEL.
6. FLUSHING SHALL NOT BE ACCOMPLISHED WITHOUT THE ACTUAL PRESENCE OF THE CITY INSPECTOR.
7. AFTER THE LINE UNDER CONSTRUCTION HAS BEEN SUCCESSFULLY FLUSHED THE CONTRACTOR SHALL REMOVE THE TEMPORARY PIPING ARRANGEMENT AND PROCEED WITH THE REMAINING CONSTRUCTION AS SPECIFIED.
8. THERE MAY BE SPECIAL REQUIREMENTS FOR FLUSHING PIPE LARGER THAN 12" DIAMETER.

FLUSHING CONNECTION AND BLOW OFF DETAIL (303)



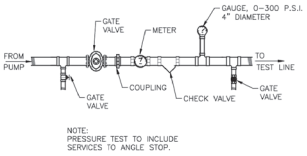
* NOTE: AFTER TESTS REMOVE 3/4" TUBING AND INSTALL PLUG ON CORPORATION STOP.

TYPICAL BACTERIOLOGICAL SAMPLING POINT AT INTERMEDIATE POINTS (304)



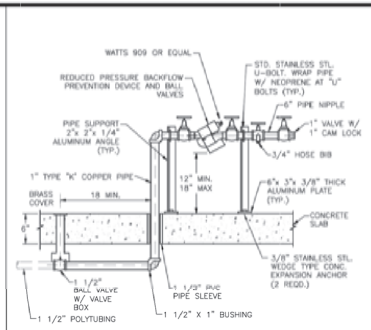
* NOTE: AFTER TESTS REMOVE 3/4" TUBING AND 2" GALVANIZED PIPE AND INSTALL PLUGS ON CORPORATION STOPS.

FILLING CONNECTION (305)

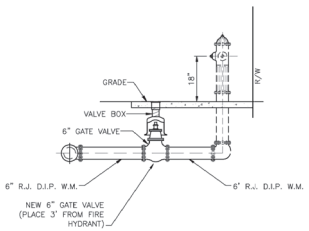


NOTE:
PRESSURE TEST TO INCLUDE SERVICES TO ANGLE STOP.

PRESSURE TEST DETAIL (306)



REDUCED PRESSURE BACKFLOW PREVENTER WITH HOSE CONNECTION FOR LIFT STATION (307)



NOTES:

1. RECONNECT EXISTING FIRE HYDRANT TO NEW WATER MAIN.
2. KEEP VALVE AS CLOSE AS POSSIBLE TO THE HYDRANT.
3. WHEN FIRE HYDRANT "TEE" IS ON P.V.C. PIPE RUN, CONSTRUCT 1 LENGTH OF D.I.P. (R.J.) PIPE ON EACH SIDE OF FIRE HYDRANT "TEE".

RELOCATE OR CONNECT EXISTING FIRE HYDRANT (308)

FINAL APPROVAL

FLA. P.E. NO. 00000
PETER PARTINGTON

SCALE: N.T.S.
DATE: FEB., 2006
FIELD BOOK: 0000/00-0

DRAWN BY: ENG.
DESIGNED BY: WW2011
CHECKED BY: WW2011

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
FORT LAUDERDALE, FLORIDA

REVISIONS

NO.	DATE	BY	CHK'D	DESCRIPTION
1	6/06	RC	W.S.	REVISE DETAILS 300, 301

STANDARD DETAIL SHEET

PROJECT #00000
Name of job
Description
Street Address
WATER DETAILS

NO. OF SHEETS: 00
SHEET NO.: 0
CAD FILE NO. XXXXX-001-01OWATR
FILE NO. 04-000-00

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2029
PHONE 850.521.0344 - FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CML - ENVIRONMENTAL - TRANSPORTATION SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

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Clemons,Rutherford, & Associates, Inc.
Architects
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Interior Designers
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2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
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SHARON E. HUFFY PE#: 0000

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/06	SEF	DM

Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
DETAILS - FT. LAUDERDALE

C 807

W:/w/0/0/
WATER2

LEGEND:

SYMBOL	DESCRIPTION
M	WATER METER BOX
V	EXISTING VALVE
	PROPOSED VALVE
	FIRE HYDRANT
	BENCH MARK
	TREE
NBC	NAIL IN BOTTLE CAP
NIA	NAIL IN ASPHALT
—G—	GAS LINE
—W—	WATER MAIN
—BT—	BURIED TELEPHONE
—T—	TELEPHONE
—UE—	UNDERGROUND ELECTRIC
—FM—	FORCE MAIN
—OH—	OVERHEAD WIRES
—CATV—	CABLE TELEVISION
—X—X—	CHAIN LINK FENCE
	WOOD FENCE
#.##	EXISTING ELEVATION
SOIL BORI	SOIL BORING LOCATION MARK
	SOIL TYPE SEPERATION MARK

WATER SYSTEM NOTES:

PIPE D.I.P.

1. Ductile iron water main pipe shall conform to the requirements of A.N.S.I./ A.W.W.A. C-151/A 21.51-02 and lined and coated per A.N.S.I./A.W.W.A. C-104/A-214-03. 20" and smaller pipe shall be pressure class 350; 24" and larger, pipe shall be pressure class 250.
2. All DIP shall have adequate protective measures against corrosion and it shall be used only if as determined by the design engineer, based on field conditions.
3. All DIP shall be installed in accordance with A.N.S.I./A.W.W.A. C-600-99, or latest revision.

PIPE P.V.C.

4. All P.V.C. mains shall be series 1120, class 150 (DR 18) pressure pipe, conforming to A.N.S.I./A.W.W.A. C-900-07", or latest revision, and shall have push on joints, and iron pipe O.D.
5. All P.V.C. pipe shall be installed in accordance with the Uni-Bell plastic pipe Association's "Guide for installation of P.V.C. pressure pipe for Municipal water distribution system". Water distribution pipe shall be of "BLUE" color. All water main installations shall comply with the color coding requirements of Chapter 62-555.320 F.A.C. (Florida Administrative Code).
6. Detector tape on all P.V.C. mains shall be installed 18" above the water main.
7. All P.V.C. mains must have #6 copper wire, single strand, placed on top of pipe, shall be electrically continuous over the entire length of the pipe, and fastened every 10' with a #12 wire.

FITTINGS

8. Fittings shall be ductile iron meeting A.N.S.I./A.W.W.A. C153/21.00 and shall be coated with 6 to 8 mil. Thickness coal tar epoxy conforming to the requirements of A.N.S.I./A.W.W.A. C550-05 and C116/A21.03.
9. Restrained joint pipe shall be used for all bends, tees, crosses, plugs, and fire hydrants. Thrust blocks shall not be allowed.
10. Retainer glands/mechanical joint restraint shall be used only if authorized by the Engineer and shall conform to A.N.S.I./A.W.W.A. standards C 111/A-21.11-03, or latest revision.
11. All glands shall be manufactured from ductile iron as listed by underwriter's laboratory for 250 P.S.I. minimum water pressure rating.
12. Glands shall be CLOW Corporation model F-1058, standard fire protection equipment company, or approved equal.

VALVES

13. Topping valves shall be Mueller H667 or approved equal.
14. Topping sleeves shall be Mueller H615 or approved equal.
15. Gate valves 3" or less shall be NIBCO T-133 OR T-136 with malleable hand wheels. No substitutions allowed.
16. Gate valves 4" or larger shall meet A.W.W.A. C-500-02 specification (latest revision). Valves shall be Mueller Co. or approved equal.
17. All valves shall be furnished with extension type cast iron valve boxes of proper length for pipe depth. All boxes shall conform with A.W.W.A. specifications with a shaft of no less than 5 inches and have the word "WATER" cast in the cover. Base of valve box shall have a flared section to fit over stuffing box of valve.

HYDRANTS

18. Fire hydrants shall be breakaway Mueller Co. Centurion model #A-423, or Metropolitan 250 Eddy Compression type F.H. or approved equal.
19. Fire hydrants shall be installed with the center of the nozzle 18" above finished grade.
20. Dead-end water mains 6" or larger shall terminate with a fire hydrant.

PLACEMENT

21. The minimum depth of cover over water mains is 30" except where shown differently on plans.
22. A continuous and uniform bedding shall be provided. Backfill material shall be tamped in layers around the pipe as shown on the plans and/or City of Fort Lauderdale Construction Standards and Specifications, January 1982. Rocks or stones larger than 3/4" diameter found in the trench shall be removed for a depth of at least 6" below the bottom of the pipe.
23. Pipe deflection shall not exceed 75% of the maximum deflection recommended by the manufacturer.

SEPARATION

24. Sanitary sewers and force mains should cross under water mains whenever possible. Sanitary sewers and force mains crossing water mains shall be laid to provide a minimum vertical distance of 18" between the invert of the upper pipe and the crown of the lower pipe whenever possible.
25. Where sanitary sewer force mains must cross a water main with less than 18" vertical separation, both the sewer and water main shall be constructed of ductile iron pipe (DIP) at the crossing. Sufficient lengths of DIP must be used to provide a minimum separation of 10 feet between any two joints. All joints on the water main within 20 feet of the crossing must be mechanically restrained. A minimum vertical clearance of 6" must be maintained at all crossings.
26. A minimum 10 foot horizontal separation shall be maintained between any type of sewer and water main in parallel installations whenever possible.
27. The preferred separation between water mains and sewer mains shall be 10 feet. In cases where it is not possible to maintain a 6 foot horizontal separation between the water mains and sewer mains, one of the following conditions must be met. The minimum separation between water and sewer mains shall be 3 feet:

SEPARATION (CONT'D)

27.a The water main must be laid in a separate trench or on an undisturbed earth shelf located on one side of the sewer or force main at such elevation that the bottom of the water main is at least 18 inches above the top of the sewer.

27.b The sewer or force main is encased in concrete or a watertight carrier pipe.

27.c Both the sewer and the water main are constructed of pressure pipe tested to 150 p.s.i.

28. Where it is not possible to maintain a vertical distance of 18" in parallel installations, the water main shall be constructed of DIP and the sanitary sewer or force main shall be constructed of DIP, with a minimum vertical clearance of 6". The water main should be above the sewer. Joints on the water main shall be located as far apart as possible from the joints on the sewer or force main (staggered joints).
29. All crossings shall be arranged so that the sewer pipe joints and the water main pipe joints are equidistant from the point of crossing (pipes centered on the crossing).
30. Where a new pipe conflicts with an existing pipe with less than 18" vertical clearance, the new pipe shall be arranged to meet the crossing requirements above.

TESTING, DISINFECTION

31. Pipe shall be tested under constant pressure of 150 P.S.I. for a minimum test period of 2 hours and shall not exceed the leakage requirements as per A.N.S.I./A.W.W.A. specifications of C-600-05 eakage formula: $Q = (SD\sqrt{P})/ 133,200$
    Q = ALLOWABLE LEAKAGE, IN GALLONS PER HOUR
    D = DIAMETER OF THE PIPE TESTED, IN INCHES.
    S = TOTAL LENGTH OF PIPE TESTED, IN FEET.
    P = AVERAGE TEST PRESSURE, IN POUNDS PER SQUARE INCH.
32. The City of Fort Lauderdale Public Services Department will take all bacteriological tests, to be scheduled via inspector. If otherwise specified in contract detailed specification and/or authorized by the engineer of record, bacteriological tests may be performed by a certified environmental testing laboratory.
33. Disinfection of mains shall comply with A.N.S.I./A.W.W.A. C-651-05 standard. Bacteriological sampling points shall be designated on the engineering plans. Minimum one sampling point at each end. Maximum space between sampling points is 1200 feet.

CONNECTION

34. All connections to existing mains shall be made under the direction of the City of Fort Lauderdale.
35. There shall be no connection to an existing water main until pressure and bacteriological tests have been conducted and the results are approved and accepted by the City of Fort Lauderdale.

SERVICE CONNECTIONS

36. All meter service connections shall be bronze from plug valve. No gate valves are to be used (2" or less).
37. Service saddles shall be ducile iron with stainless steel straps. Saddles shall be double strap type. All service saddles shall conform to A.N.S.I./A.W.W.A. C 111/A-21.11-00 and A.S.T.M. A588.
38. All service lines shall be copper tubing, type "K", or plasticized polyethylene 3408, A.S.T.M. D-2737, S.D.R. 9, 200 P.S.I.

GENERAL NOTE:

ALL EXISTING 2" WATER MAINS ARE TO BE CAPPED AND ABANDONED IN PLACE.
NEW WATER SERVICE LINES SHALL BE INSTALLED TO SERVICE THE EXISTING PROPERTIES.

FINAL APPROVAL
FLA. P.E. NO. 00000
PETER PARTINGTON

SCALE: N.T.S.
DATE: FEB., 2006
FIELD BOOK:

DRAWN BY: ENG.
DESIGNED BY: WW2011
CHECKED BY: WW2011

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
FORT LAUDERDALE, FLORIDA

REVISIONS

NO.	DATE	BY	CHK'D	DESCRIPTION
1	04/08	R.C.	T.A.	REVISE NOTE 33
2	08/08	R.C.	W.S.	REVISE NOTES 4 & 10

STANDARD DETAIL SHEET

PROJECT #00000
Name of job
Description
Street Address
STANDARD WATER DETAILS

NO. OF SHEETS: 00
SHEET NO.: 0
CAD FILE NO. XXXXX-001-01OWATR
FILE NO. 04-000-00

WATR01

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 2829
PHONE 850.521.0344 - FAX 850.521.0345
1907 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CML - ENVIRONMENTAL - TRANSPORTATION SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

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Interior Designers
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SHARON E. HUFF PE#: 59328

Submittal

Phase	Date	Drw	Chk
50% CONSTRUCTION DOCUMENTS	04/08	SEF	DJM

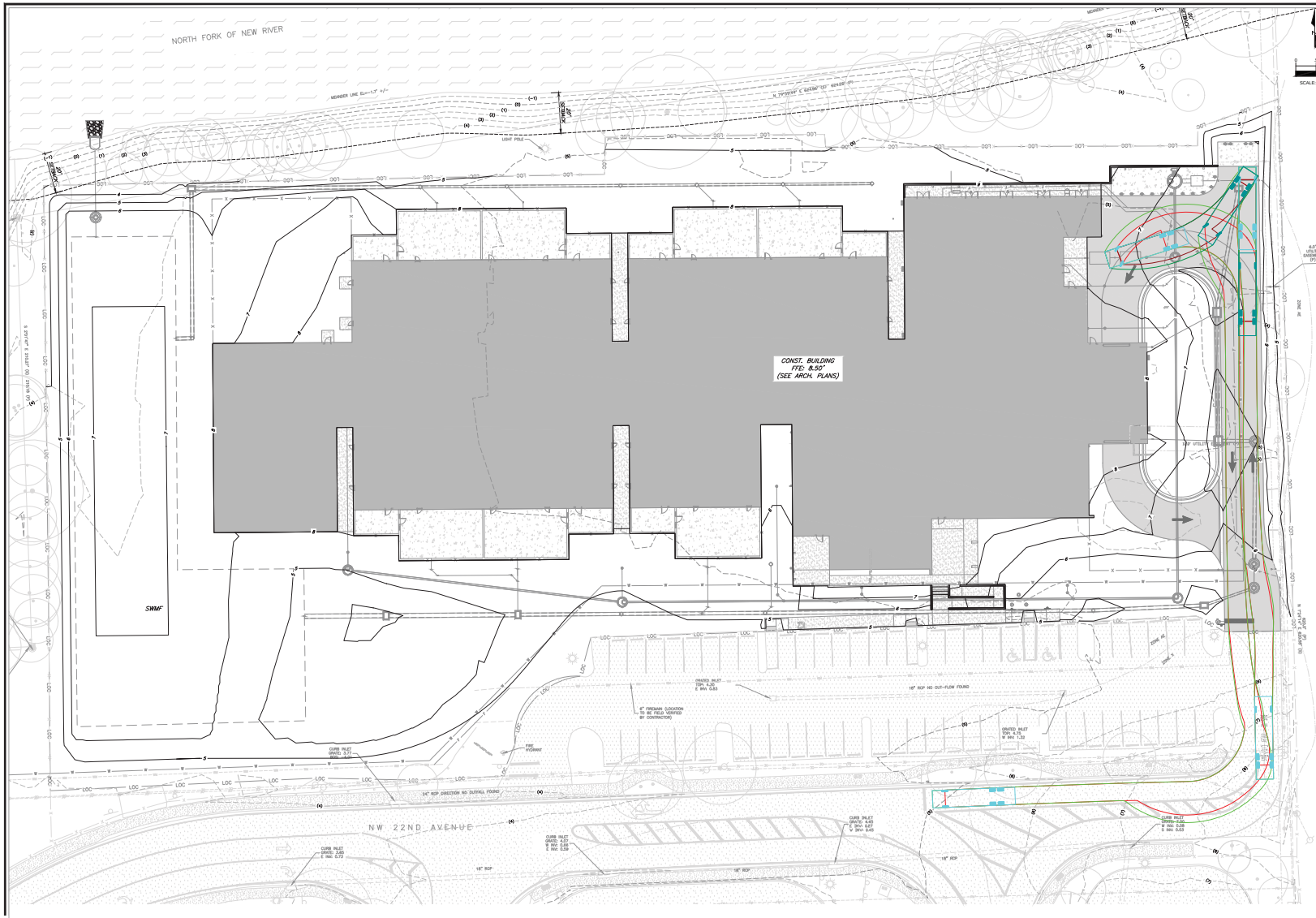
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

Sheet Title
DETAILS - FT. LAUDERDALE

C 808

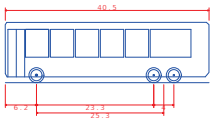


SITE PLAN HATCH LEGEND

- PROPOSED ASPHALT PAVING
- PROPOSED 4" CONCRETE SIDEWALK
- PROPOSED BUILDING

LINE TYPE LEGEND

- LOC — LIMIT OF CONSTRUCTION
- RIGHT OF WAY
- X — X — CHAINLINK FENCE
- WATER BODY SETBACK
- FLOODPLAIN
- UTILITY EASEMENT
- RETAINING WALL
- (XX) EXISTING CONTOUR LABEL
- XX PROPOSED CONTOUR LABEL



BUS-40 - Inter City Bus

Overall Length	40.500ft
Overall Width	8.500ft
Overall Body Height	12.000ft
Min Body Ground Clearance	1.158ft
Track Width	8.500ft
Lock-to-lock time	5.00s
Max Steering Angle (Virtual)	41.90°

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Consulting Engineers, Inc.
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PHONE 850.521.0344 - FAX 850.521.0345
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CIVIL - ENVIRONMENTAL - TRANSPORTATION
SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

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SHANON E. HUFFY PE#: 89328

Submittal

Phase	Date	Drw	Chk
90% CONSTRUCTION DOCUMENTS	04/04	KJP	LEM

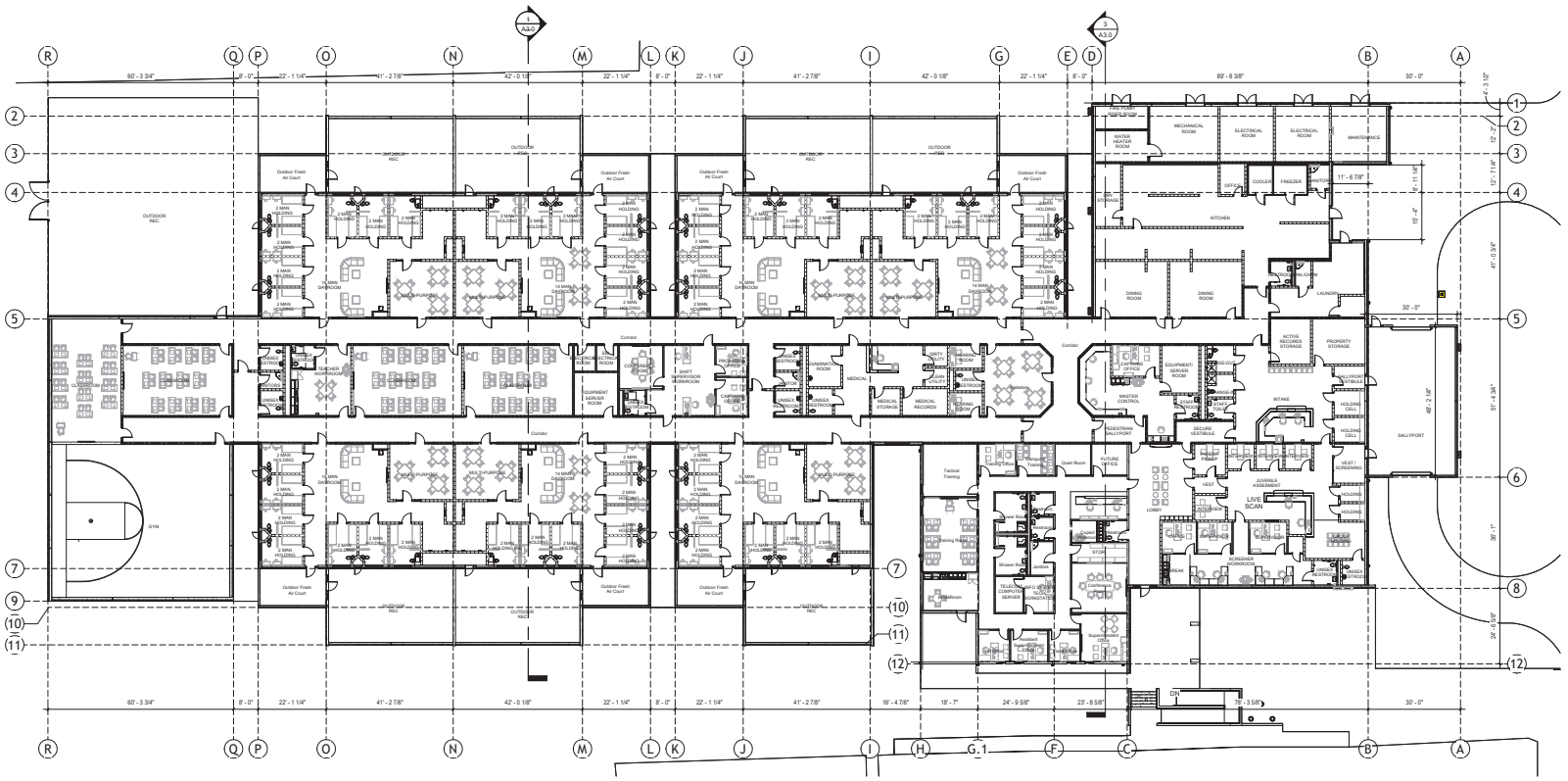
Revision

#	Description	Date

CRA Project # 24039.01
Phase: 100% CONSTRUCTION DOCUMENTS

SHEET TITLE
VEHICULAR ACCESS PLAN

C 901



CAMPUS FLOOR PLAN
Scale: 1/16" = 1'-0"

BROWARD COUNTY

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Submittal

Phase	Date	Drw	Chk
CONSTRUCTION DOCS	8-6-26	JGB	Checker
DESIGN DEVELPMENT	5-26-26	JGB	Checker
-	-	-	-
Construction Documents	-	-	-
-	-	-	-

Revision

#	Description	Date

CRA Project # 24039.01
Phase: CONSTRUCTION DOCS

SHEET TITLE
CAMPUS FLOOR PLAN

A1.0



FLOOR PLAN ADMIN / MOD B

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

Project

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

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Clemons,Rutherford, & Associates, Inc.

Architects
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Submittal

Phase	Date	Drw	Chk
CONSTRUCTION DOCS	9-6-24	MB	MS

Revision

#	Description	Date

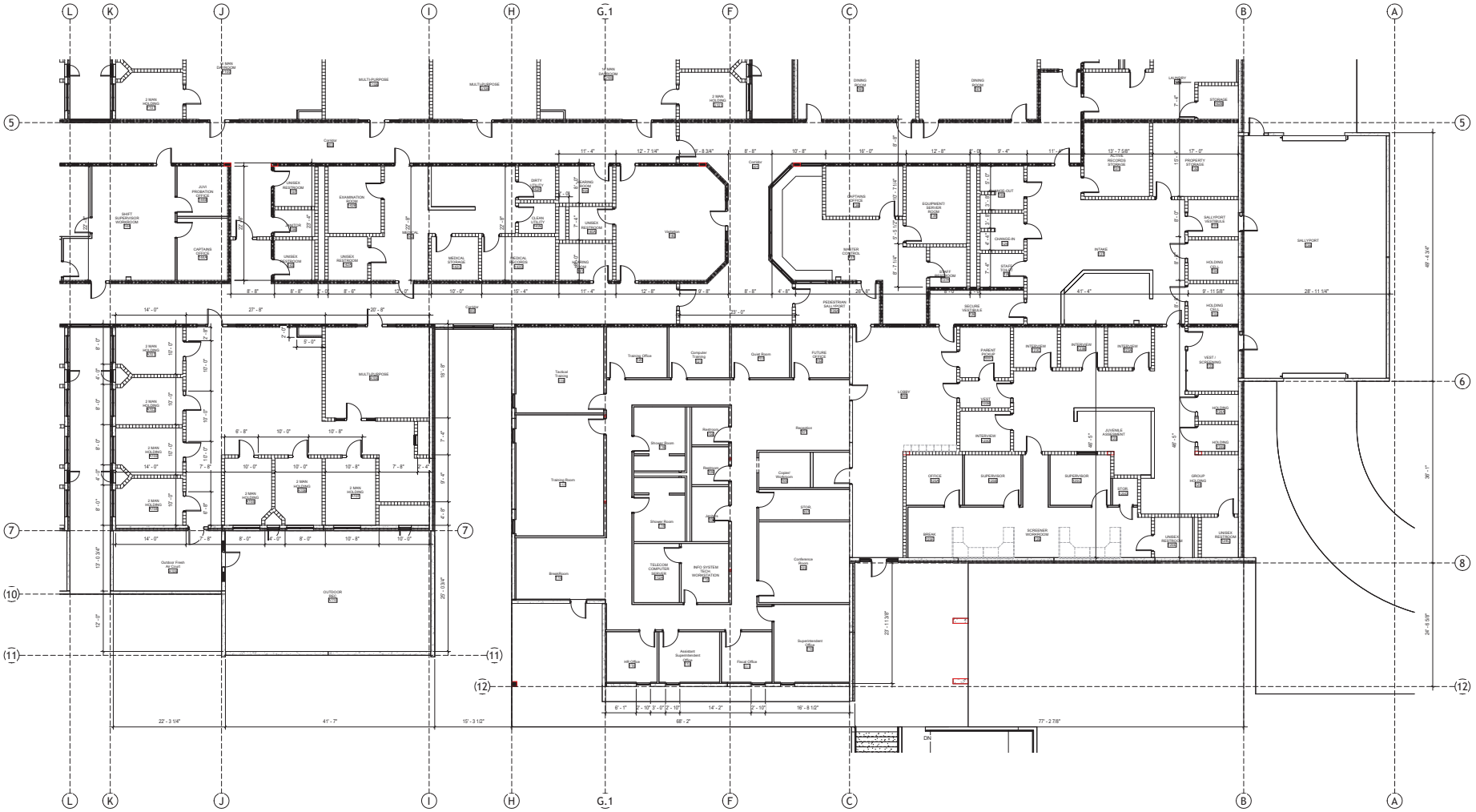
CRA Project # 24039.01

Phase: Construction Documents

SHEET TITLE

FLOOR PLAN ADMIN / MOD B

A1.1



DIMENSION PLAN ADMIN / MOD B
Scale: 1/8" = 1'-0"

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS

Clemons,Rutherford, & Associates, Inc.

Architects
Planners
Interior Designers
Construction Managers

2027 Thomasville Road
Tallahassee, Florida 32308

phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

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CONSTRUCTION DOCS	9-6-24	RJB	MS

Revision

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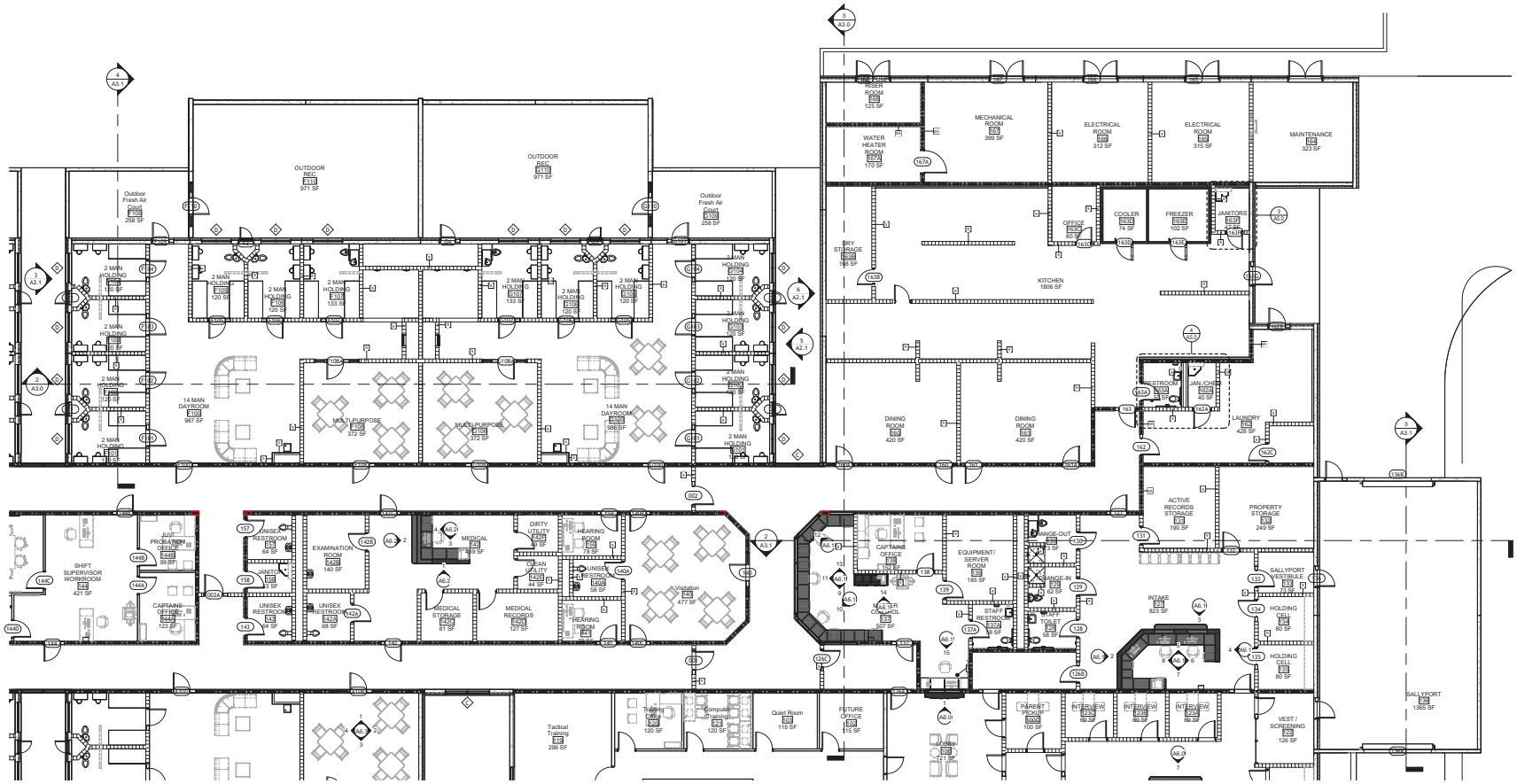
CRA Project # **24039.01**

Phase: **Construction Documents**

SHEET TITLE

DIMENSION PLAN ADMIN / MOD B

A1.1A



FLOOR PLAN BOOKING / MOD A

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

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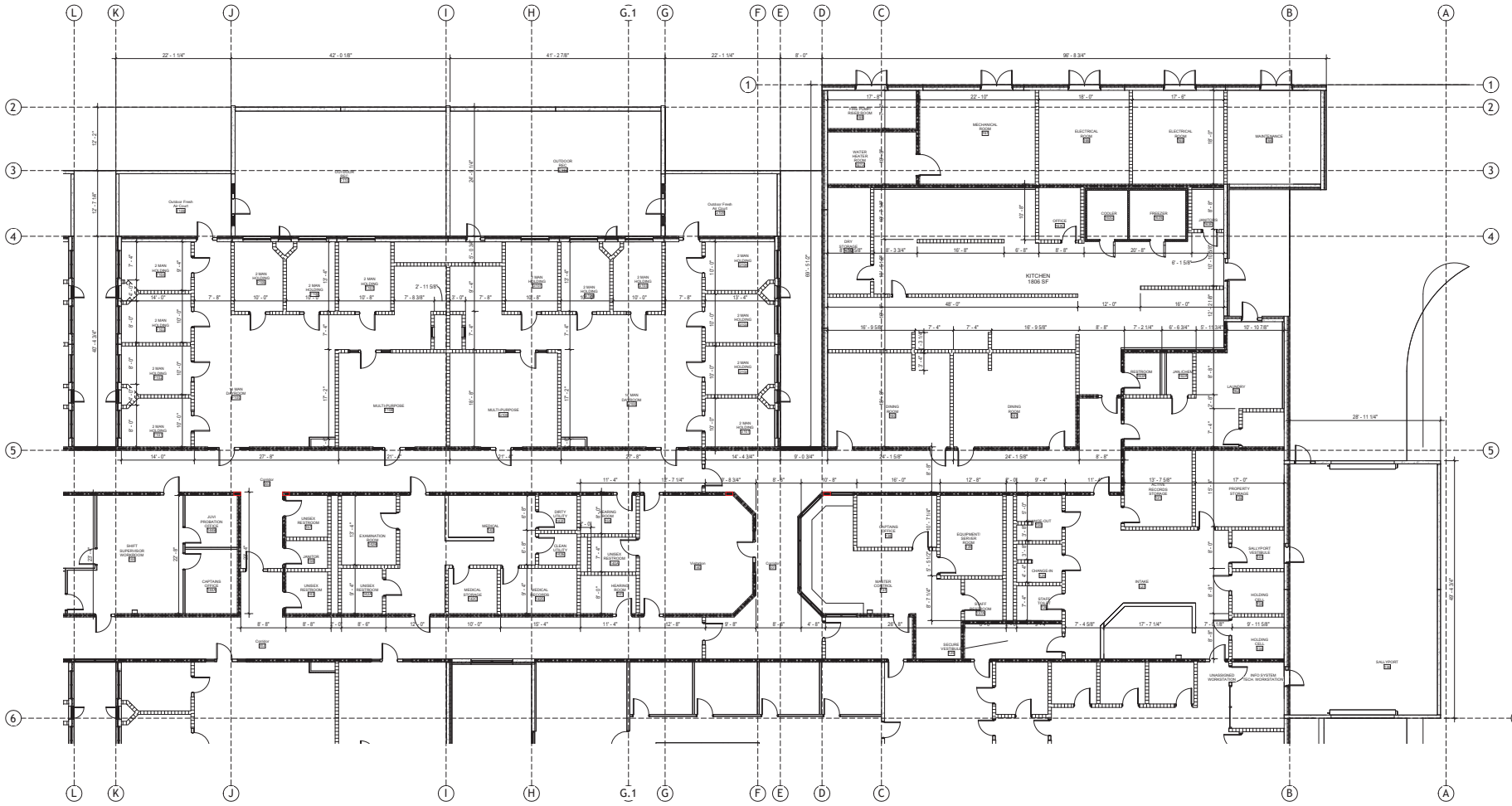
CRA Project # **24039.01**

Phase: **Construction Documents**

SHEET TITLE

FLOOR PLAN BOOKING / MOD A

A1.2



DIMENSION PLAN BOOKING / MOD A

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

Project

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CONSTRUCTION DOCS	9-6-24	RJB	Checker

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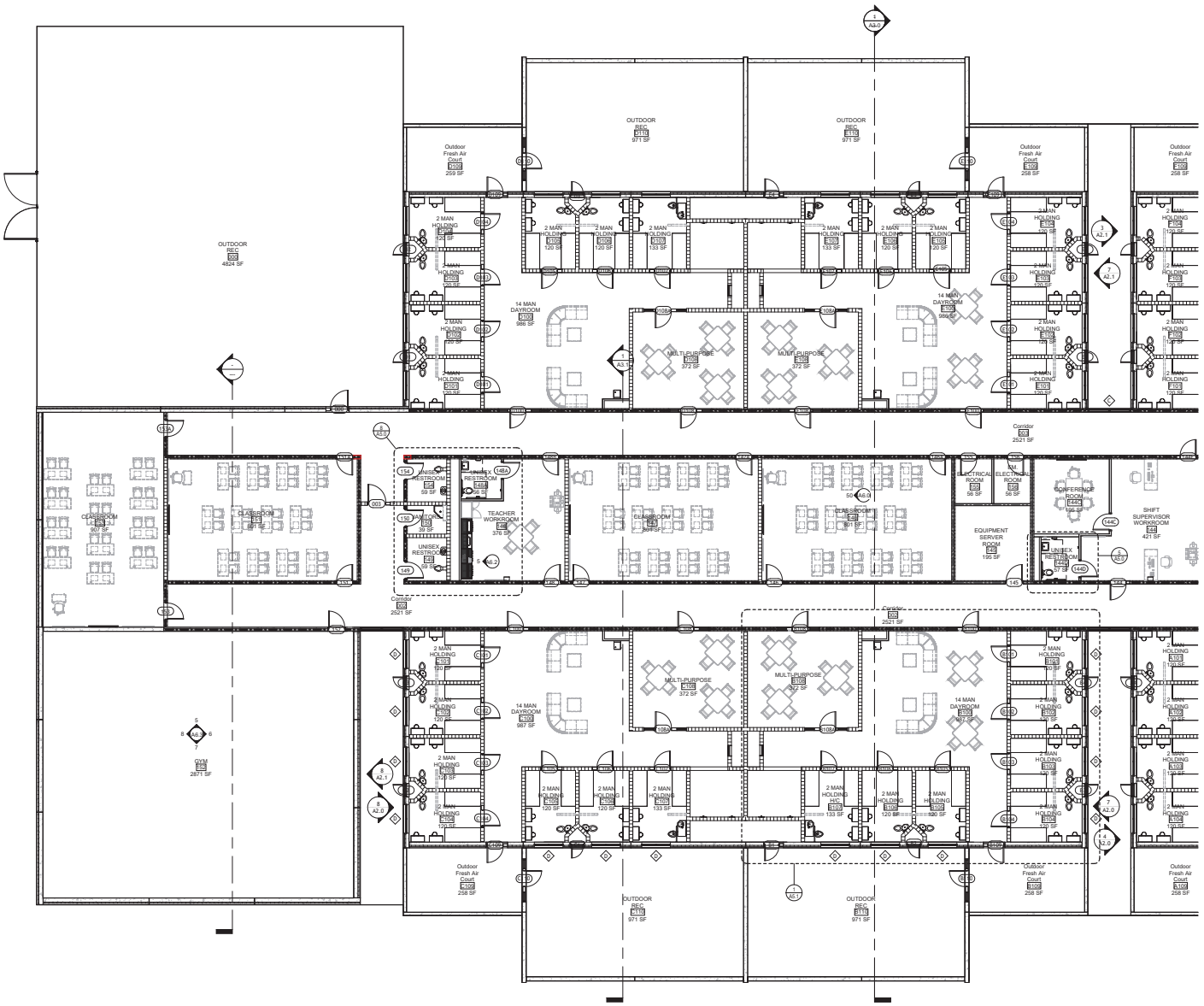
CRA Project # **24039.01**

Phase: **Construction Documents**

SHEET TITLE

FLOOR PLAN

A1.2A



FLOOR PLAN REC. / MOD C

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

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Interior Designers
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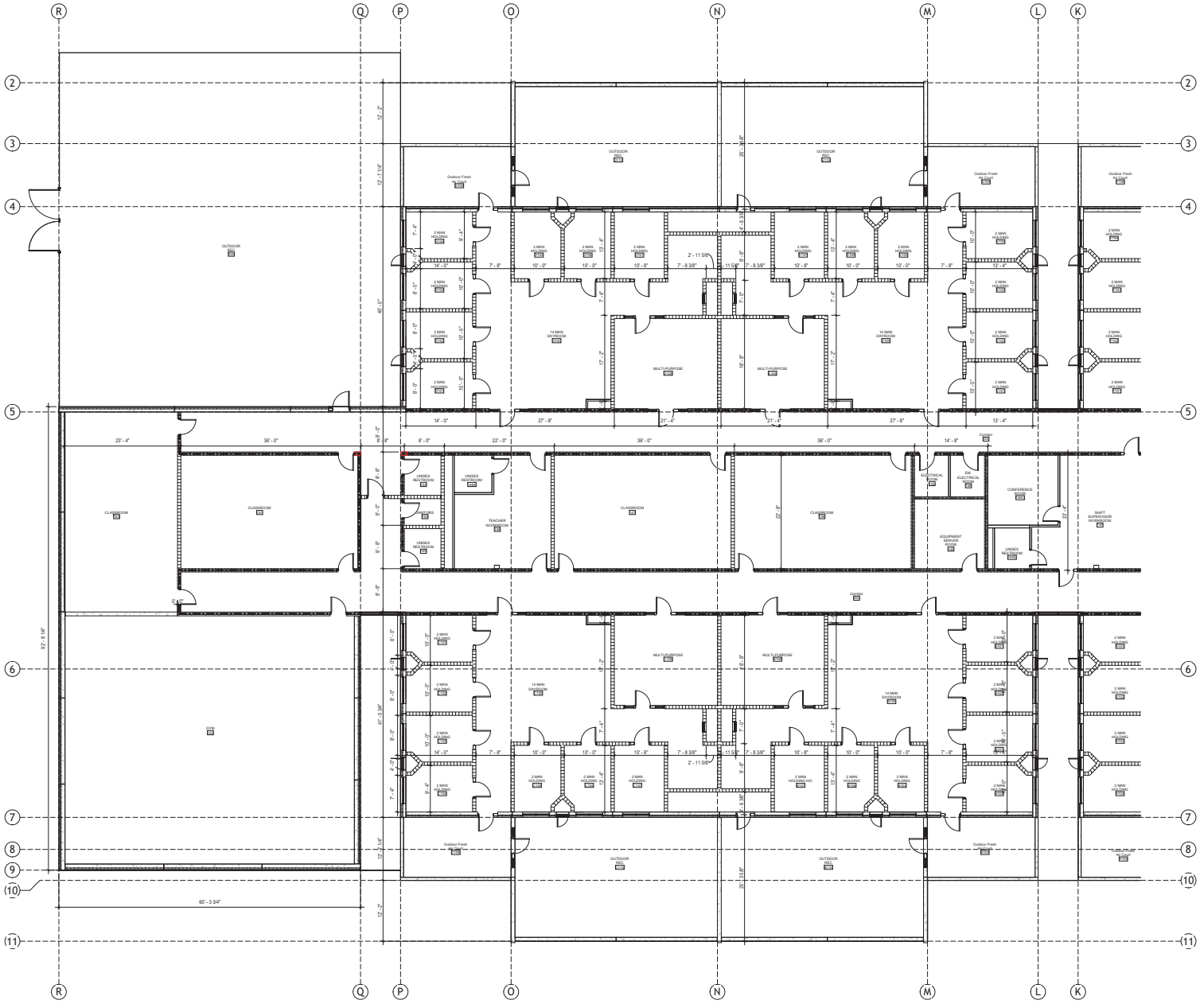
CRA Project # **24039.01**

Phase: **Construction Documents**

SHEET TITLE

FLOOR PLAN

A1.3



DIMENSION PLAN REC. / MOD C
Scale: 1/8" = 1'-0"

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CONSTRUCTION DOCS	9-6-24	RJB	David

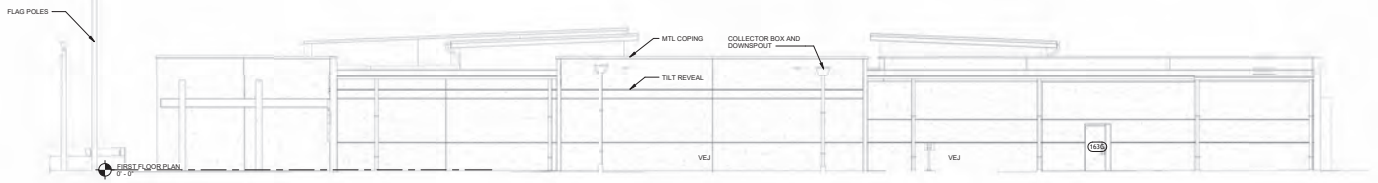
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#	Description	Date

CRA Project # **24039.01**
Phase: **Construction Documents**

SHEET TITLE
FLOOR PLAN

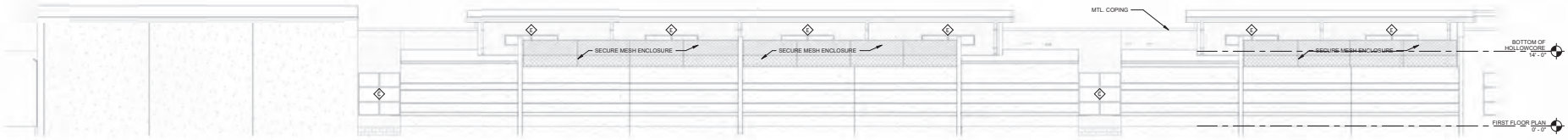
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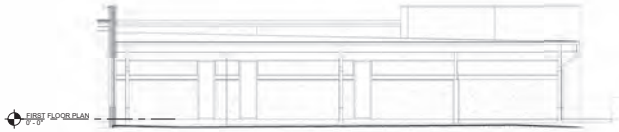
6 A2.0 **EAST ELEVATION**
Scale: 1/8" = 1'-0"



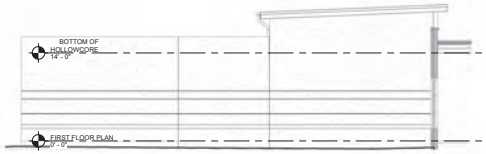
2 A2.0 **SOUTH ELEVATION**
Scale: 1/8" = 1'-0"



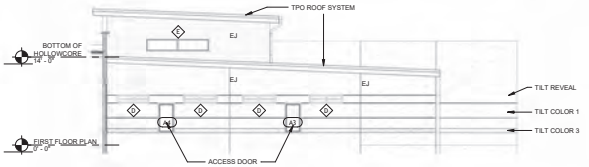
3 A2.0 **SOUTH ELEVATION CONT.**
Scale: 1/8" = 1'-0"



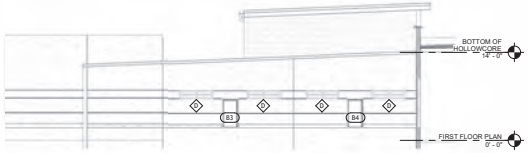
1 A2.0 **ADMIN WEST ELEVATION**
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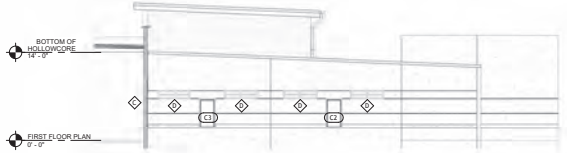
5 A2.0 **MOD 1 EAST ELEVATION**
Scale: 1/8" = 1'-0"



4 A2.0 **MOD 1 WEST ELEVATION**
Scale: 1/8" = 1'-0"



7 A2.0 **MOD 2 EAST ELEVATION**
Scale: 1/8" = 1'-0"



8 A2.0 **MOD 2 WEST ELEVATION**
Scale: 1/8" = 1'-0"

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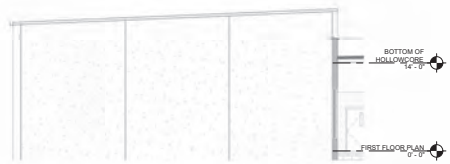
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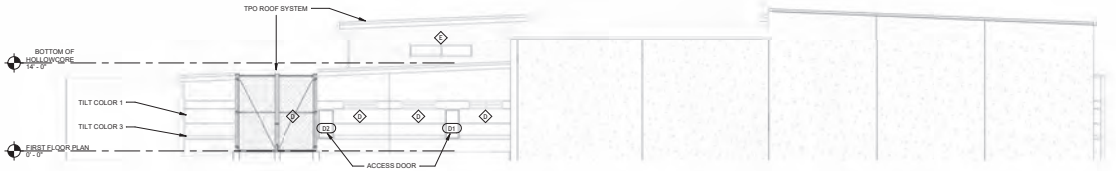
CRA Project # 24039.01
Phase: Construction Documents

SHEET TITLE
ELEVATIONS

A2.0



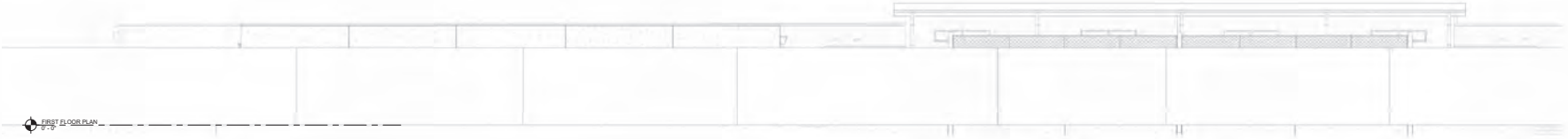
8 A2.1 **GYM WEST ELEVATIONS**
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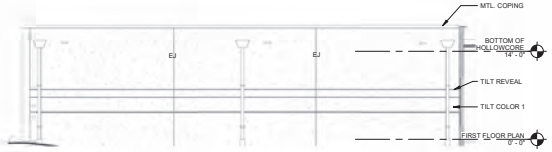
1 A2.1 **WEST ELEVATION**
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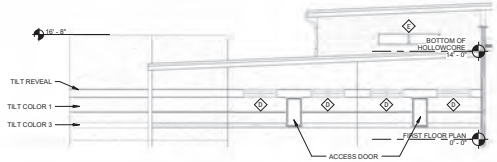
2 A2.1 **NORTH ELEVATION HOUSING**
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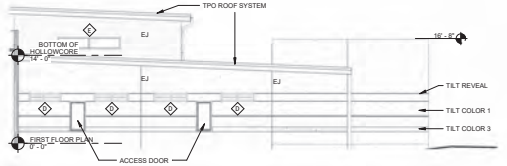
4 A2.1 **NORTH ELEVATION (SERVICE)**
Scale: 1/8" = 1'-0"



6 A2.1 **SERVICE WEST ELEVATION**
Scale: 1/8" = 1'-0"



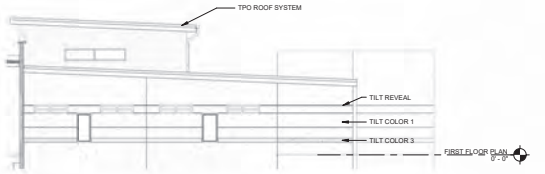
3 A2.1 **MOD 3 WEST ELEVATION**
Scale: 1/8" = 1'-0"



5 A2.1 **MOD 3 EAST ELEVATION**
Scale: 1/8" = 1'-0"



10 A2.1 **MOD 4 WEST ELEVATION**
Scale: 1/8" = 1'-0"



7 A2.1 **MOD 4 EAST ELEVATION**
Scale: 1/8" = 1'-0"

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CONSTRUCTION DOCS	9-6-24	Author	Checker

Revision

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CRA Project # 24039.01
Phase: Construction Documents

SHEET TITLE
ELEVATIONS

A2.1



MAIN ENTRY RENDERING



SOUTH ELEVATION RENDERING



EAST ELEVATION RENDERING



WEST ELEVATION RENDERING



NORTH ELEVATION RENDERING

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Revision

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Phase: Construction Documents

SHEET TITLE
ELEVATIONS

A2.0R

GEORGE & ASSOCIATES
CONSULTING ENGINEERS
1967 COMMONWEALTH LANE, SUITE 200
TALLAHASSEE, FLORIDA 32303

Owner:	**TIITF/HRS-YOUTH SERV REG JUVENILE DET CTR**
Applicant:	**Pamela White – Florida Department of Juvenile Justice**
Agent:	**John Bridgeman - Department of Management Services**
Consultant:	**Shannon Hufty – George & Associates Consulting Engineers**
Property Address:	**222 NW 22nd Ave, Fort Lauderdale, FL 33311**
Request:	**Public Purpose Site Plan**

ADEQUACY REQUIREMENTS NARRATIVE

Sec. 47-25.2. Adequacy requirements.

A. ***Applicability.*** The adequacy requirements set forth herein shall be used by the city to evaluate the demand created on public services and facilities created by a proposed development permit.

B. ***Communications network.*** Buildings and structures shall not interfere with the city's communication network. Developments shall be modified to accommodate the needs of the city's communication network, to eliminate any interference a development would create or otherwise accommodate the needs of the city's communication network within the development proposal.

Response: The Project is not expected to interfere with the City's communications network.

C. ***Drainage facilities.*** Adequacy of stormwater management facilities shall be evaluated based upon the adopted level of service requiring the retention of the first inch of runoff from the entire site or two and one- half (2 1/2) inches of runoff from the impervious surface whichever is greater.

Response: A stormwater management permit will be obtained from Broward County prior to commencing construction activities.

D. ***Environmentally sensitive lands.***

1. In addition to a finding of adequacy, a development shall be reviewed pursuant to applicable federal, state, regional and local environmental regulations. Specifically, an application for development shall be reviewed in accordance with the following Broward County Ordinances which address environmentally sensitive lands and well field protection which ordinances are incorporated herein by reference:

    a. Broward County Ordinance No. 89-6.
    b. Section 5-198(I), Chapter 5, Article IX of the Broward County Code of Ordinances.
    c. Broward County Ordinance No. 84-60.

2. The applicant must demonstrate that impacts of the proposed development to environmentally

sensitive lands will be mitigated.

Response: The property is adjacent to the North Fork New River to the North. The proposed building does not extend beyond the current security fence of the existing facility. The only impacts to the River and associated environmental features will be for a new pipe connection to discharge stormwater. This connection will be permitted through the U.S Army Corps of Engineers as they have jurisdiction over the River in this area.

E. ***Fire protection.*** Fire protection service shall be adequate to protect people and property in the proposed development. Adequate water supply, fire hydrants, fire apparatus and facilities shall be provided in accordance with the Florida Building Code, South Florida Fire Code and other accepted applicable fire and safety standards.

Response: Acknowledged, the Project will comply with the Florida Building Code, South Florida Fire Code and other accepted applicable fire and safety standards.

F. ***Parks and open space.*** *New park impact fee ordinance adopted in June 2006.*

Response: N/A

G. ***Police protection.*** Police protection service shall be adequate to protect people and property in the proposed development. The development shall provide improvements which are consistent with Crime Prevention through Environmental Design (CPTED) to minimize the risk to public safety and assure adequate police protection.

Response: The proposed development, being a detention facility, incorporates CPTED principles to minimize risk to public safety and assure adequate police protection.

H. ***Potable water.***

1. Adequate potable water service shall be provided for the needs of the proposed development. The proposed development shall be designed to provide adequate areas and easements which may be needed for the installation and maintenance of potable water systems in accordance with city engineering standards, the Florida Building Code, and applicable health and environmental regulations. The existing water treatment facilities and systems shall have sufficient capacity to provide for the needs of the proposed development and for other developments in the service area which are occupied, available for occupancy, for which building permits are in effect or for which potable water treatment capacity has been reserved. Capital expansion charges for water and sewer facilities shall be paid by the developer in accordance with Resolution 85-265, as it is amended from time to time. Improvements to the potable water service and system shall be made in accordance with city engineering standards and other accepted applicable engineering standards.

2. *Potable water facilities.*

   a. If the system is tied into the city treatment facility, the available capacity shall be determined by subtracting committed capacity and present flow from design capacity. If there is available capacity, the city shall determine the impact of the proposed development utilizing Table 3, Water

and Wastewater, on file with the department.

b. If there is adequate capacity available in the city treatment plant to serve the proposed development, the city shall reserve the necessary capacity to serve the development.

c. Where the county is the projected service provider, a similar written assurance will be required.

Response: Applicant requested a capacity letter from the City's Public Works Department on August 5, 2026 (Record No. ENG-CR-26080004) and will provide the letter to the City upon receipt.

I. ***Sanitary sewer.***

1. If the system is tied into the city treatment facility, the available capacity shall be determined by subtracting committed capacity and present flow from the design capacity. If there is available capacity, the city shall determine the impact of the proposed development utilizing Table 3, Water and Wastewater, on file with the department.
2. If there is adequate capacity available in the city treatment plant to serve the proposed development, the city shall reserve the necessary capacity to serve the proposed development.
3. Where the county is the projected service provider, a written assurance will be required.
4. Where septic tanks will be utilized, the applicant shall secure and submit to the city a certificate from the Broward County Health Unit that certifies that the site is or can be made suitable for an on-site sewage disposal system for the proposed use.

Response: Applicant requested a capacity letter from the City's Public Works Department on August 5, 2026 (Record No. ENG-CR-26080004) and will provide the letter to the City upon receipt.

J. ***Schools.*** For all residential plats, the applicant shall contribute to school facilities in accordance with the Broward County Land Development Code and shall provide documentation to the city that such contribution has been satisfied.

Response: N/A

K. ***Solid waste.***

1. Adequate solid waste collection facilities and service shall be obtained by the applicant in connection with the proposed development and evidence shall be provided to the city demonstrating that all solid waste will be disposed of in a manner that complies with all governmental requirements.

2. *Solid waste facilities.* Where the city provides solid waste collection service and adequate service can be provided, an adequacy finding shall be issued. Where there is another service provider, a written assurance will be required. The impacts of the proposed development will be determined based on Table 4, Solid Waste, on file with the department.

Response: Acknowledged.

L. ***Stormwater.*** Adequate stormwater facilities and systems shall be provided so that the removal of stormwater will not adversely affect adjacent streets and properties or the public stormwater facilities and

systems in accordance with the Florida Building Code, city engineering standards and other accepted applicable engineering standards.

Response: Stormwater will be retained on site in accordance with the Broward County Department of Environmental Regulations criteria.

M. ***Transportation facilities.***

1. The capacity for transportation facilities shall be evaluated based on Table 1, Generalized Daily Level of Service Maximum Volumes, on file with the department. If a development is within a compact deferral area, the available traffic capacity shall be determined in accordance with Table 2, Flowchart, on file with the department.

2. *Regional transportation network.* The regional transportation network shall have the adequate capacity, and safe and efficient traffic circulation to serve the proposed development. Adequate capacity and safe and efficient traffic circulation shall be determined by using existing and site-specific traffic studies, the adopted traffic elements of the city and the county comprehensive plans, and accepted applicable traffic engineering standards. Site-specific traffic studies may be required to be made and paid for by the applicant when the city determines such a study is needed in order to evaluate the impacts of the proposed development on proposed or existing roadways as provided for in subsection M.4. An applicant may submit such a study to the city which will be considered by the DRC in its review. Roadway improvements needed to upgrade the regional transportation network shall be made in accordance with the city, the county, and Florida Department of Transportation traffic engineering standards and plans as applicable.

3. *Local streets.* Local streets shall have adequate capacity, safe and efficient traffic circulation, and appropriate functional classification to serve the proposed development. Adequate capacity and safe and efficient traffic circulation shall be determined by using existing and site-specific traffic studies, the city's comprehensive plan and accepted applicable traffic engineering standards. Site-specific traffic studies may be required to be made and paid for by the applicant when the city determines such a study is required in order to evaluate the impact of the proposed development on proposed or existing roadways as provided for in subsection M.4. An applicant may submit to the city such a study to be considered as part of the DRC review. Street improvements needed to upgrade the capacity or comply with the functional classification of local streets shall be made in accordance with the city engineering standards and acceptable applicable traffic engineering standards. Local streets are those streets that are not classified as federal, state or county roadways on the functional classification map adopted by the State of Florida.

4. *Traffic impact studies.*

a. When the proposed development may generate over one thousand (1,000) daily trips; or

b. When the daily trip generation is less than one thousand (1,000) trips; and (1) when more than twenty percent (20%) of the total daily trips are anticipated to arrive or depart, or both, within one-half (1/2) hour; or

(2) when the proposed use creates varying trip generation each day, but has the potential to place more than twenty percent (20%) of its maximum twenty-four (24) hour trip generation onto the adjacent transportation system within a one-half (1/2) hour period; the applicant shall submit to the city a traffic impact analysis prepared by the county or a registered Florida engineer experienced in traffic ways impact analysis which shall:

i. Provide an estimate of the number of average and peak hour trips per day generated and directions or routes of travel for all trips with an external end.
ii. Estimate how traffic from the proposed development will change traffic volumes, levels of service, and circulation on the existing and programmed traffic ways.
iii. If traffic generated by the proposed development requires any modification of existing or programmed components of the regional or local traffic ways, define what city, county or state agencies have programmed the necessary construction and how this programming relates to the proposed development.
iv. A further detailed analysis and any other information that the review committee considers relevant.
v. The traffic impact study may be reviewed by an independent licensed professional engineer contracted by the city to determine whether it adequately addresses the impact and the study supports its conclusions. The cost of review by city's consultant shall be reimbursed to the city by the applicant.
vi. When this subsection M.4.b. applies, the traffic study shall include an analysis of how the peak loading will affect the transportation system including, if necessary, an operational plan showing how the peak trips will be controlled and managed.

Response: This development does not generate 1,000 daily trips. A traffic statement is included in this submission.

5. ***Dedication of rights-of-way.*** Property shall be conveyed to the public by plat, deed or grant of easement as needed in accordance with the Broward County Trafficways Plan, the city's comprehensive plan, subdivision regulations and accepted applicable traffic engineering standards.

Response: Acknowledged.

6. ***Pedestrian facilities.*** Sidewalks, pedestrian crossing and other pedestrian facilities shall be provided to encourage safe and adequate pedestrian movement on-site and along roadways to adjacent properties. Transit service facilities shall be provided for as required by the city and Broward County Transit. Pedestrian facilities shall be designed and installed in accordance with city engineering standards and accepted applicable engineering standards.

Response: The property contains existing pedestrian facilities along NW 22nd Ave that are not being impacted by the proposed improvements. A new sidewalk and pedestrian path from the existing on-site parking lot will be provided to the proposed building.

7. ***Primary arterial street frontage.*** Where a proposed development abuts a primary arterial street either existing or proposed in the trafficways plan, the development review committee (DRC) may require marginal access street, reverse frontage with screen planting contained in a nonaccess reservation along the rear property line, deep lots with or without rear service alleys, or such other treatment as may be necessary for adequate protection of residential properties and to assure separation of through and level traffic.

Response: Acknowledged.

8. ***Other roadway improvements.*** Roadways adjustments, traffic control devices, mechanisms, and access restrictions may be required to control traffic flow or divert traffic, as needed to reduce or eliminate development generated traffic.

Response: Acknowledged.

9. ***Street trees.*** In order to provide for adequate landscaping along streets within the city, street trees shall be required along the length of the property abutting a street. A minimum of fifty percent (50%) of the required street trees shall be shade trees, and the remaining street trees may be provided as flowering or palm trees. These percentages may be varied based on existing or proposed physical conditions which may prevent the ability to comply with the street tree requirements of this subsection. The street trees shall be planted at a minimum height and size in accordance with the requirements of Section 47-21, Landscape and Tree Preservation Requirements, except in the downtown RAC districts the requirements of Sec. 47-13.20.H.8 shall apply. The location and number of street trees shall be determined by the department based on the height, bulk, mass and design of the structures on the site and the proposed development's compatibility to surrounding properties. The requirements for street trees, as provided herein, may be located within the public right-of-way as approved by the entity with jurisdiction over the abutting right-of-way.

Response: Existing trees along NW 22nd Ave are not being impacted by the proposed development. There are overhead power lines and poles located between the street and existing parking lot. It is not preferred to plant trees underneath power lines. Additionally, a landscape waiver is being requested due to security concerns of the detention facility.

N. ***Wastewater.***

1. *Wastewater.* Adequate wastewater services shall be provided for the needs of the proposed development. The proposed development shall be designed to provide adequate areas and easements which may be needed for the installation and maintenance of a wastewater and disposal system in accordance with applicable health, environmental and engineering regulations and standards. The existing wastewater treatment facilities and systems shall have adequate capacity to provide for the needs of the proposed development and for other developments in the service area which are occupied, available for occupancy, for which building permits are in effect or for which wastewater treatment or disposal capacity has been reserved. Capital expansion charges for water and sewer facilities shall be paid by the developer in accordance with Resolution 85-265, as it is amended for time to time. Improvements to the wastewater facilities and system shall be made in accordance with the city engineering and accepted applicable engineering standards.

Response: Applicant requested a capacity letter from the City's Public Works Department on August 5, 2026 (Record No. ENG-CR-26080004) and will provide the letter to the City upon receipt.

O. ***Trash management requirements.*** A trash management plan shall be required in connection with

non- residential uses that provide prepackaged food or beverages for off-site consumption. Existing non-residential uses of this type shall adopt a trash management plan within six (6) months of the effective date of this provision.

Response: Acknowledged.

P. ***Historic and archaeological resources.***

1. If a structure or site has been identified as having archaeological or historical significance by any entity within the State of Florida authorized by law to do same, the applicant shall be responsible for requesting this information from the state, county, local governmental or other entity with jurisdiction over historic or archaeological matters and submitting this information to the city at the time of, and together with, a development permit application. The reviewing entity shall include this information in its comments.

Response: This site does not have any historical or archaeological significance.

Q. ***Hurricane evacuation.*** If a structure or site is located east of the Intracoastal Waterway, the applicant shall submit documentation from Broward County or such agency with jurisdiction over hurricane evacuation analysis either indicating that acceptable level of service of hurricane evacuation routes and hurricane emergency shelter capacity shall be maintained without impairment resulting from a proposed development or describing actions or development modifications necessary to be implemented in order to maintain level of service and capacity.

Response: N/A. Project is not located east of the Intracoastal Waterway.

GEORGE & ASSOCIATES
CONSULTING ENGINEERS
1967 COMMONWEALTH LANE, SUITE 200
TALLAHASSEE, FLORIDA 32303

Owner:	**TIITF/HRS-YOUTH SERV REG JUVENILE DET CTR**
Applicant:	**Pamela White – Florida Department of Juvenile Justice**
Agent:	**John Bridgeman - Department of Management Services**
Consultant:	**Shannon Hufty – George & Associates Consulting Engineers**
Property Address:	**222 NW 22nd Ave, Fort Lauderdale, FL 33311**
Request:	**Public Purpose Site Plan**

General Narrative

The project is located at 222 NW 22nd Ave on the west side of I-95 and north of NW 22nd Ave. The proposed improvements include a new 54,615 SF Juvenile Justice Detention Center for Broward County. The Department of Juvenile Justice currently occupies the parcel with an existing facility. The new facility will be a replacement for the existing facility. The site is located on parcel 504205380010 which is zoned B-2 General Business.

The Florida Department of Juvenile Justice is committed to providing essential services to juveniles statewide. Facilities such as this provide custody, supervision, education, and mental health services, and are an essential community resource. The property currently operates as a DJJ facility and this project will greatly improve the facility. The proposed facility is a 98-bed Regional Juvenile Detention Center. This facility will include outdoor recreation yards, an indoor gym, various classrooms for educational purposes, a medical room, administrative spaces, a kitchen, and laundry room.

The existing building is approximately 34,000 SF. This building will be demolished and the new one constructed in the same place. The existing facility parking lot is remaining. New improvements only consist of the proposed building, sidewalks, and utility and stormwater infrastructure. Proposed impervious areas include a 54,615 SF building, 15,810 SF of concrete, and 9,499 SF of asphalt paving. The project area is approximately 3.67 acres. The parcel is about 9 acres and includes a portion of the Florida Department of Transportation Broward Boulevard Park-and-Ride. This is located south of NW 22nd Ave, which also cuts through the property, and is not being impacted by this project.

Parking requirements are specified in Section 47-20.2 of the Unified Land Development Code. Table 1 does not list a use that is comparable to a detention center. The existing parking lot is remaining and currently has 59 parking stalls. The proposed facility will have a staff count of 47 and no more than 5 visitors anticipated at any time. An appropriate calculation for the required parking would be one parking stall for every staff member and visitor which would result in 52 parking stalls. Because the existing parking lot exceeds this amount; the existing parking lot

provides a sufficient amount of parking with 59 stalls. Furthermore, the FDOT park-and-ride located across NW 22nd Ave could be used for parking as it is on the parcel and for public use. This would provide an abundance of parking for this site.

Due to the nature of the facility, a waiver from landscaping is requested. It is the standard of DJJ for Juvenile Detention Centers to have no landscaping for safety and security purposes. As stated previously, the existing parking lot is not being altered. This parking lot is adjacent to NW 22nd Ave. There is overhead electric that runs between NW 22nd Ave and the parking lot, which is not ideal for tree planting. Trees that are currently existing in this area will remain.

The existing facility is served by a private lift station, which will be replaced as a part of this project, and will tie into the existing 4" force main on the east side of the property. Water comes from the west side of the property. A new water 4" water service will be installed at the same location as the existing water service meter. Fire will be connected to the existing main on-site.

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NARRATIVE ADDRESSING PUBLIC PURPOSE CRITERIA
ULDR Section 47-18.26

ULDR Sec. 47-18.26 Public purpose uses.

A. Any provision to the contrary notwithstanding publicly owned structures may be erected and lands used for public purposes, in any zoning district in the city unless prohibited by the city comprehensive plan; provided, however, no building or use permit shall be issued by the city for any such plans, locations or use without the prior approval of the city commission as provided herein.

Response: Acknowledged.

B. Consideration of the approval of a use or structure for public purposes which requires relief from a zoning regulation of the city shall be initiated by filing an application for approval with the department by the property owner or the person or entity wishing to use the property for a public purpose.

Response: Acknowledged.

C. An application for a public use or structure shall include:

1. A conceptual site plan showing the size and location of all structures on or to be located on the property, including but not limited to elevations, location of vehicular and pedestrian ingress and egress, landscaping and floor plans. If the public purpose is to utilize property as a social service residential facility, the site plan shall show how the use or structure meets the requirements of Sec. 47-18.32;

Response: A plan set containing architecture and civil engineering plans is included in this submission.

2. A legal description of the property;

Response: See survey (C101 Existing Conditions) for the legal description.

3. A description of the zoning regulation from which relief is necessary to conduct the public use or construct the public structure;

Response: Applicant is seeking relief from one (1) zoning regulations: ULDR Section 47-21.

ULDR Section 47-12 – Landscape and Tree Preservation Requirements

Due to the nature of the facility, a waiver from landscaping is requested. It is the standard of DJJ for Juvenile Detention Centers to have no landscaping for safety and security purposes. As stated previously, the existing parking lot is not being altered. This parking lot is adjacent to NW 22nd Ave. There is overhead electric that runs between NW 22nd Ave and the parking lot, which is not ideal for tree planting. Trees that are currently existing in this area will remain. Any open space will be sodded.

4. A description of the need for the public use or structure including a description of other similar uses or structures and their locations in the city;

Response: The Department of Juvenile Justice is essential to the community. The Department utilizes Juvenile Detention Centers to protect the community by holding high-rick youth accountable. These facilities offer rehabilitation through counseling, mental health support, and treatment. Skill building is also an integral part of these facilities. Academic instruction, career training and social development are some of the many resources provided to develop important life skills. The Department of Juvenile Justice aims to rehabilitate and reduce repeat offences to prevent high-risk youth from entering the formal justice system.

This location is the only Juvenile Detention Center in Broward County and has been operating since 1980.

5. A description of the reason why the proposed location is necessary in relation to the need for the use or structure;

Response: This is not a new location for this use. The Broward Regional Juvenile Detention Center has been open since 1980. DJJ wishes to remain at this location as it has been for 46 years and provide an updated facility. Finding new locations for detention centers poses challenges due to the type of facility.

6. A description of what makes the location of the use or structure on the property desirable;

Response: This is the current location for the existing Detention Center.

7. A description of the economic and environmental impact on the area as a result of permitting the use or structure;

Response: There are no adverse environmental impacts anticipated for the proposed facility. The site is already developed and contains an existing facility of the same use. Stormwater management will be provided, which will only improve the quality and quantity of stormwater runoff as the site currently has little to no stormwater infrastructure.

Economically the Project will create jobs in the construction and operation of the facilities and maintain the existing jobs of the current facility. but the real purpose of this Project is to serve the public and improve the community.

The main purpose of the project is to allow DJJ to continue to serve the community by providing essential resources to troubled youth in the area.

8. A description of the impact of the use or structure on neighboring properties;

Response: The neighboring properties are not expected to be negatively impacted by the Project. The use of the property remains the same. Visually, a new building will positively impact the area and neighboring properties. The property is adjacent to I-95 to the east, commercial property to the west, FDOT Park-and-Ride to the south, and the North Fork New River to the north. There is a residential community on the north side of the river which will be positively impacted by the structure being upgraded.

9. A description of how the site plan addresses any negative impacts which might occur as a result of permitting the use or structure;

Response: Applicant is not aware of any potential negative impacts. The use of the property is remaining the same and only improving from its existing conditions.

10. A description of off-site or on-site factors which mitigate any negative impacts which might occur as a result of permitting the public use or structure; and

Response: See response to #9 above.

11. A description of the efforts to locate other sites for the use or structure and reasons why other sites are not as desirable as the site proposed (factors in considering feasibility may include land use, zoning, economic, geographic factors and size).

Response: Other sites are not as desirable as the project site because the existing facility is already located and operates on this property. Finding other sites for a Detention Center poses challenges due to land use/zoning requirements and community push-back. The current property is not immediately adjacent to residential property and is not problematic for neighboring uses.

D. The application shall be reviewed by the city department responsible for review of development permits for a determination that the application is complete and forwarded to the development review committee (DRC). After review and comments by the DRC, the application shall be forwarded to the planning and zoning board for review. The recommendation of the DRC and the planning and zoning board shall be forwarded to the city commission.

Response: Acknowledged.

E. The city commission shall hold two (2) public hearings to consider an ordinance approving a public purpose use or structure and shall provide notice of hearing utilizing the same notice requirements as for a rezoning.

Response: Acknowledged.

F. The city commission may approve or approve with conditions the application for location of a public use or structure based on the following findings:

1. There is a need for the use or structure to be located where proposed.
2. The use meets a valid municipal purpose.

3. The location of the use or structure is not in conflict with the city comprehensive plan.
4. Off-site or on-site conditions exist which reduce any impact of permitting the public use or structure.
5. On-site improvements have been incorporated into the site plan which minimize any adverse impact as a result of permitting the public use or structure.
6. Alternative locations have been identified and reviewed or it has been determined that no feasible alternative locations are available.
7. The proposed site is found to be the most feasible for location of the public use or structure.
8. The public purposes to be met by the location of the use or structure outweigh the application of the zoning regulation and prohibiting the location of the public use or structure.

Response: Acknowledged, see above.

G. The approval of a public use or facility shall terminate when the use or facility is no longer publicly owned or used, and the property upon which the use or facility is located shall be subject to the requirements of the zoning district within which it is located.

Response: Acknowledged.

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Request:	**Public Purpose Site Plan**

NARRATIVE ADDRESSING WATERWAY USE CRITERIA
ULDR Section 47-23.8

ULDR Sec. 47-23.8 Waterway Use.

A. Buildings and land uses on parcels abutting waterways in nonresidential districts and in multifamily districts shall be designed to preserve the character of the city and neighborhood in which they are located, harmonize with other development in the area, and protect and enhance the scenic quality and tranquility of the waterways. Special provisions are needed to realize these objectives, which can be stated only in general terms, and at the same time permit a reasonable use of land and depend on details of design of the buildings, appurtenances, yards and landscaping and their relation to the waterway and other uses on the waterway.

Response: The proposed development maintains the same use as a Detention Center as the existing facility. The proposed building will be a great visual improvement to the existing building. Architectural renderings of the building elevations have been included in this submission.

B. For purposes of this Section 47-23.8, "on a waterway" means a development site which abuts a waterway. This section shall not apply to development within the downtown RAC, except for development within the RAC-RPO district, and shall not apply to the central beach area districts. Any proposed nonresidential or multifamily use on a waterway shall require a site plan level III development permit, as provided in Section 47-24, Development Permits and Procedures. The application shall include all elevations visible from the waterfront. A use on a waterway shall, in addition to all other requirements of the ULDR, meet the requirements as follows:

1. A twenty-foot landscaped yard is required adjacent to the existing bulkhead line. The required twenty-foot yard shall not be used or developed for any purpose other than landscaping and the minimum amount of driveways or walkways reasonably necessary to serve permitted nonresidential or multifamily waterfront uses, unless specifically approved by the planning and

zoning board. The twenty-foot yard shall not apply to marinas or yacht clubs.

Response: The twenty-foot landscaped buffer between the proposed facility and the waterway is being maintained. The buffer is currently naturally landscaped which will be maintained as well.

2. Review of Neighborhood Compatibility, Scale, Bulk and Mass, as provided in Section 47-25.3.A.3.e.i.

Response: The proposed development complies with Neighborhood Compatibility and will be an improvement to the existing facility. The twenty-foot landscape buffer as well as the waterway itself will provide buffer between the proposed facility and the residential neighborhood to the north as it currently does now.

C. Any property zoned B-2, B-3 or I which abuts a waterway shall be used for a marina, a hotel marina, or a shipyard, where such uses are permitted within the B-2, B-3 or I zoning districts.

Response: N/A. The existing use as a Detention facility is being maintained.

BROWARD DJJ TRAFFIC STATEMENT

ROARK ENGINEERING

Mr. Benjamin Restrepo, P.E.
Senior Project Manager
City of Fort Lauderdale
700 NW 19th Avenue
Fort Lauderdale, FL 33311

3 August 2026

Re: Broward DJJ Facility – Fort Lauderdale, Florida – Traffic Statement

Dear Mr. Restrepo,

Roark Engineering has prepared a traffic statement associated with the proposed Juvenile Justice development located at 222 NW 22nd Avenue in Fort Lauderdale, Florida. A project location map is presented in Attachment A to this memorandum.

This traffic statement addresses the trip generation characteristics associated with the existing and proposed development on the subject site and documents if the estimated number of net new project trips exceeds the minimum trip thresholds established by the City of Fort Lauderdale that would require a comprehensive traffic impact study.

Existing and Proposed Development

The existing development on this site consists of an existing Juvenile Justice facility that is being replaced/redeveloped. The site is proposed to be developed with ninety-eight (98) beds. Vehicular access to the site will be maintained (same as the existing site) provided by one (1) full access driveway on NW 22nd Avenue. A preliminary site plan is presented in Attachment B to this memorandum.

Trip Generation Analysis

A trip generation analysis has been conducted for the existing and proposed development at the subject site. This analysis was performed using the trip generation rates and equations published in the Institute of Transportation Engineer's (ITE) Trip Generation Manual (12th Edition). ITE does not have a land use code that is specific to a Juvenile Justice facility, however, it does include a land use code for an Adult Detention Facility (LUC 571). This land use was utilized in the estimated trip generation associated with this proposed re-development.

This trip generation analysis was undertaken for daily conditions. The estimated trip generation is shown in the following table:

Trip Generation
Broward DJJ Facility

Daily									
Development	ITE LUC	Indep. Var.	# Units	Rate or Eq.	Enter %	Exit %	Total Trips	Enter	Exit
Juvenile Justice Facility	571	Beds	98	Eq	52%	50%	373	194	187
Total							373	194	187

As the trip generation table shows, this site is estimated to generate 373 daily trips. Additionally, since the existing site would have vested (already approved) trips that would no longer exist after the redevelopment, those trips could be discounted from the estimated trips associated with the proposed development, further reducing the net new trips associated with this proposed development.

Conclusion

According to the City of Fort Lauderdale's ULDR Section 47-25.2.M.4, when the proposed development generates more than 1,000 net new daily vehicle trips, a traffic impact study is required. The subject project is projected to generate less than 373 net new daily vehicle trips.

Based upon the foregoing analysis, the proposed project is not required to prepare a comprehensive traffic impact study.

Please let us know if you have any questions.

Sincerely,



Drew Roark, PE

President

attachments

Property Id: 504205380010 **Please see map disclaimer



November 30, 2023

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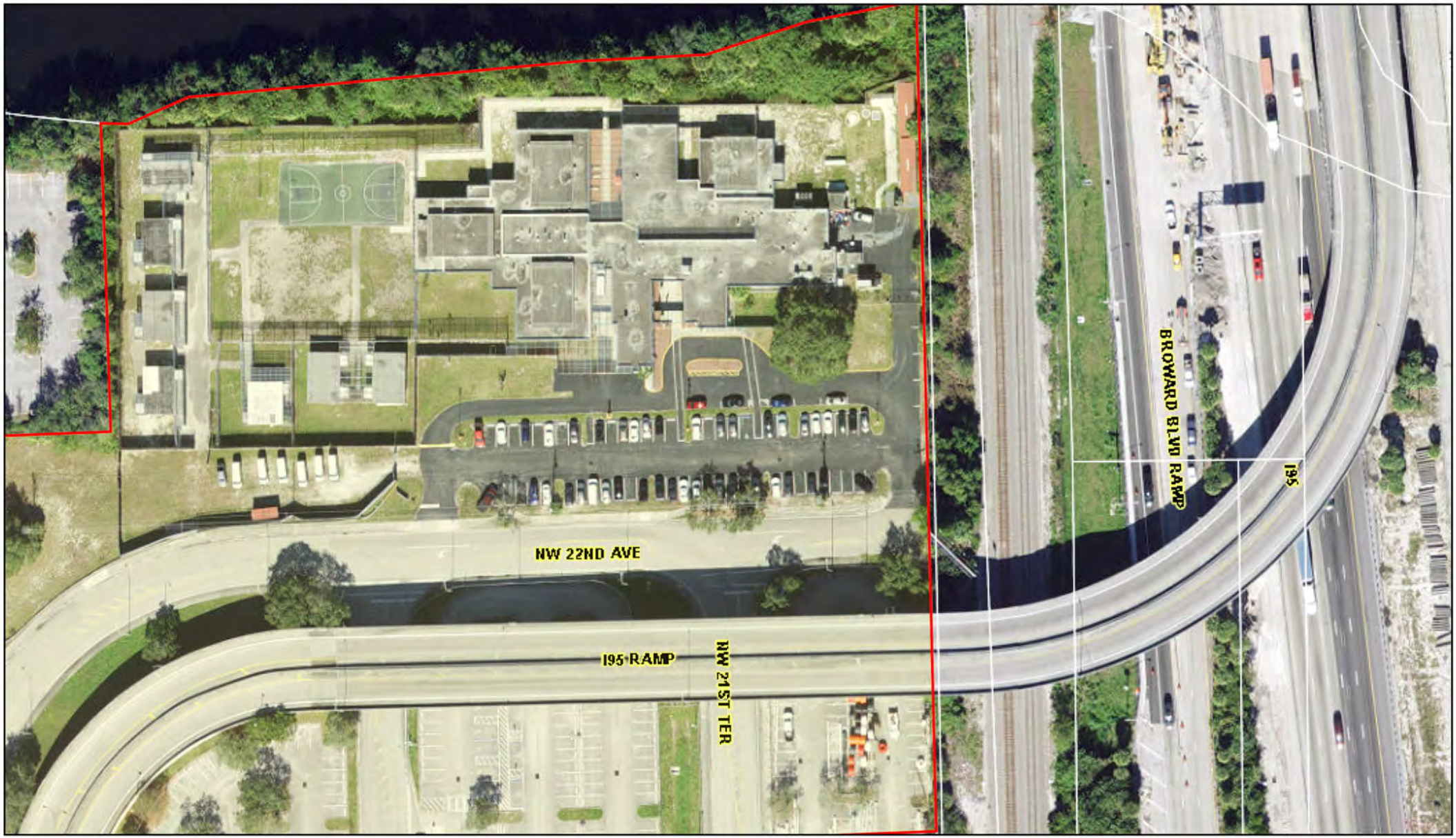
0 112.5 225 450 ft

0 30 60 120 m

222 NW 22nd AVE. FT. LAUDERDALE

Flight Date : Jan. 6 to Jan. 11, 2023 Broward County Property Appraiser

Property Id: 504205380010 **Please see map disclaimer



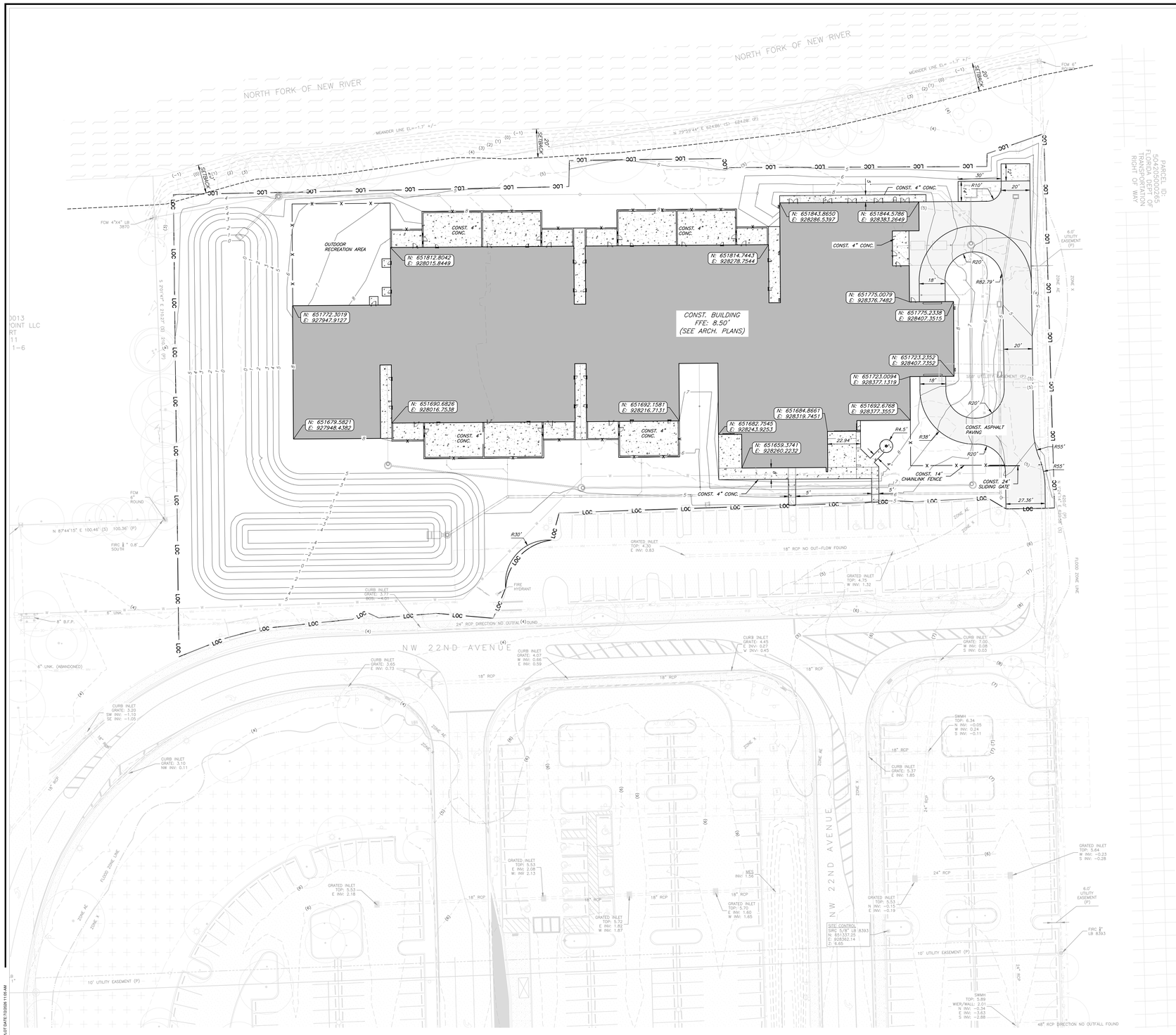
November 30, 2023

1:1,200

0 55 110 220 ft

0 15 30 60 m

Flight Date : Jan. 6 to Jan. 11, 2023 Broward County Property Appraiser



SITE PLAN HATCH LEGEND

- PROPOSED ASPHALT PAVING
- PROPOSED 4" CONCRETE SIDEWALK
- PROPOSED BUILDING

SCALE: 1" = 30'

LINE TYPE LEGEND

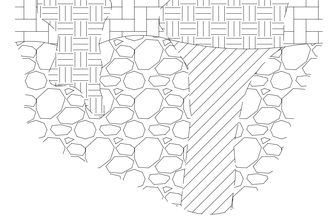
- LOC — LIMIT OF CONSTRUCTION
- RIGHT OF WAY
- X — X — CHAINLINK FENCE
- WATER BODY SETBACK
- FLOODPLAIN
- UTILITY EASEMENT
- RETAINING WALL
- (XX) EXISTING CONTOUR LABEL
- XX PROPOSED CONTOUR LABEL

TYPICAL SITE NOTES

1. THIS SITE MAY CONTAIN EXISTING UTILITY LINES, UTILITY STRUCTURES AND MISCELLANEOUS UTILITY EQUIPMENT THAT MAY NOT HAVE BEEN SURVEYED AND IN CONFLICT WITH PROPOSED CONSTRUCTION.
2. PROVIDE BACKFLOW PROTECTION PER RULES AND REGULATIONS FOR BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL, LATEST EDITION.
3. SUBMIT SHOP DRAWINGS SHOWING MANUFACTURERS' DRAWINGS AND SPECIFICATIONS INDICATING COMPLETE DETAIL OF ALL ITEMS. THE DETAIL SHALL INCLUDE MATERIAL SPECIFICATIONS, PRESSURE CLASS, CERTIFICATIONS, JOINT TYPES, GASKET INFORMATION, LININGS, COATINGS, INSTALLATION AND TESTING PROCEDURES AND OTHER PERTINENT INFORMATION NECESSARY TO ASSURE THAT PROPOSED MATERIALS COMPLY WITH ALL TECHNICAL SPECIFICATIONS. SHOP DRAWINGS ARE TO BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND SHIPMENT OF ITEMS.
4. CONTRACTOR RESPONSIBLE FOR ADJUSTING ALL UTILITIES TO FINISH GRADE, INCLUDING BUT NOT LIMITED TO VALVES, VAULTS, FIRE APPARATUSES, ETC. ABOVE GROUND WATER VALVES, BFP, WATER METERS SHALL BE COVERED WITH FIBERGLASS INSULATED COVER OR ALTERNATE COVER AS REQUESTED BY OWNER.
5. CLEARANCE OF 7.5' SHALL BE MAINTAINED TO THE FRONT AND SIDES AND 4' TO THE REAR OF ALL FIRE APPLIANCES (I.E., HYDRANTS, BACKFLOW PREVENTER, POST INDICATOR VALVES, FIRE DEPARTMENT CONNECTIONS.
6. EXISTING UTILITY LINES ARE ACTIVE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE DISRUPTION OF SERVICES IS MINIMIZED AND ALL ACTIVE SERVICES ARE RESTORED TO WORKING CONDITIONS. IF UTILITY OUTAGES ARE ANTICIPATED, MUST NOTIFY OWNER 14 DAYS IN ADVANCE.
7. CONTRACTOR RESPONSIBLE TO DEFLECT UTILITIES AS NEEDED TO CONSTRUCT PROPOSED IMPROVEMENTS.
8. CONTRACTOR TO COORDINATE WITH UTILITY PROVIDER(S) AND CIVIL ENGINEER FOR ANY AND ALL UTILITIES THAT MAY BE IN CONFLICT WITH PROPOSED CONSTRUCTION ACTIVITIES.
9. WHERE EXISTING ITEMS SUCH AS ASPHALT, CONCRETE CURB AND GUTTER, ETC. ARE SHOWN TO BE REMOVED. THESE ITEMS SHALL BE SAWCUT.
10. CONTRACTOR RESPONSIBLE TO ADJUST ALL UTILITIES AND VALVES TO FINISH GRADE.
11. CONTRACTOR TO PROVIDE SECURED FENCED CONSTRUCTION SITE. CONSTRUCTION FENCING LOCATION SHALL BE COORDINATED WITH FSU PROJECT MANAGER.
12. SOD ALL DISTURBED AREAS.
13. WATER AND SEWER SERVICES SHALL MAINTAIN MINIMUM 6' HORIZONTAL CLEARANCE.

SINK HOLE REPAIR PLAN

IN THE EVENT A SINK HOLE SHOULD APPEAR OR DEVELOP WITHIN THE BOUNDARY LINES OF THE PROJECT AREA, THE OWNER SHALL CONSULT WITH A GEO-TECHNICAL ENGINEER OR PERSON(S) WITH EXPERIENCE IN THE AREA TO REPAIR THE SINK HOLE IN A TIMELY MANNER.



NOTES: THE FOLLOWING SHALL BE PERFORMED IN THE EVENT ANY KARST FEATURES FORM DURING CONSTRUCTION – E.G. SOLUTION CAVITIES, CHIMNEYS, SINKHOLES

1. NOTIFY THE WATER MANAGEMENT DISTRICT AND THE APPLICABLE MUNICIPAL OR COUNTY PUBLIC WORKS IMMEDIATELY WHEN THE FEATURE'S ARE ENCOUNTERED. THE METHOD OF REPAIR SHALL BE SUBMITTED FOR REVIEW, COMMENT, AND APPROVAL PRIOR TO ATTEMPTING ANY REPAIR.
2. SHALLOW KARST FEATURES ARE TYPICALLY LESS THAN 5' DEEP AND ONLY HAVE SMALL VOIDS IN THE LIMESTONE. THE FEATURE CAN BE REPAIRED BY BACKFILLING WITH A LOWER-PERMEABILITY MATERIAL SUCH AS CLAYEY-SAND OR CLAY. COMPACT THE BACKFILL AND CREATE A SMALL MOUND SLIGHTLY ABOVE GRADE TO ACCOUNT FOR SETTLING.
3. DEEP KARST FEATURES SHALL BE REPAIRED MORE PERMANENTLY. EXCAVATE THE FEATURE TO THE LIMESTONE BEDROCK. PLUG VOIDS IN THE BEDROCK WITH CLEAN GROUT. BACKFILL OVER THE PLUG WITH A LOWER-PERMEABILITY MATERIAL SUCH AS CLAYEY-SAND OR CLAY. COMPACT THE BACKFILL TO GRADE.

KARST FEATURE REPAIR DETAIL

SCALE: NTS

SITE DATA TABLE

Total Parcel Size	Sq. Ft.	Acres	% of Site
Area Within the Limits of Construction	159,887	3.67	100.00%
Existing Impervious Area	**Sq. Ft.**	**Acres**	**% of Site**
Existing Asphalt Paving	21,853	0.50	13.67%
Existing Concrete	6,621	0.15	4.14%
Existing Building	33,856	0.78	21.18%
Previously Demo.'d Hardscape	7,732	0.18	4.84%
Previously Demo.'d Buildings	8,322	0.19	5.21%
Total Existing Impervious Area	**78,384**	**1.80**	**49.02%**
Existing Impervious Areas to be Removed	**Sq. Ft.**	**Acres**	**% of Site**
Existing Concrete	6,621	0.15	4.14%
Existing Asphalt Paving	21,853	0.50	13.67%
Total Building Demolition	33,856	0.78	21.18%
Previously Demo.'d Hardscape	7,732	0.18	4.84%
Previously Demo.'d Buildings	8,322	0.19	5.21%
Total Impervious Area to be Removed	**78,384**	**1.80**	**49.02%**
Proposed Impervious	**Sq. Ft.**	**Acres**	**% of Site**
Proposed Building	54,318	1.25	33.97%
Proposed Concrete Sidewalk	13,675	0.31	8.55%
Proposed Asphalt Paving	9,407	0.22	5.88%
Total Proposed Impervious Area	**77,400**	**1.78**	**48.41%**
Post Construction	**Sq. Ft.**	**Acres**	**% of Site**
Total Impervious Area Post Construction	77,400	1.78	48.41%
Total Pervious Area Post Construction	82,487	1.89	51.59%

George & Associates Consulting Engineers, Inc.
ENGINEERING BUSINESS NO. 7879
PHONE 850.521.0344 - FAX 850.521.0345
1967 Commonwealth Lane, Suite 200
Tallahassee, FL 32303
CIVIL - ENVIRONMENTAL - TRANSPORTATION SYSTEMS PLANNING - LAND USE

BROWARD COUNTY

REGIONAL JUVENILE DETENTION CENTER

222 NW 22nd Ave
Fort Lauderdale, FL 33311

CRA ARCHITECTS
Clemons,Rutherford, & Associates, Inc.
Architects
Planners
Interior Designers
Construction Managers
2027 Thomasville Road
Tallahassee, Florida 32308
phone 850-385-6153
fax 850-386-8420
cra@craarchitects.com

The Drawings, Specifications and other documents prepared by Clemons, Rutherford & Associates, Inc. (CRA) for this Project are instruments of CRA for use solely with respect to this Project and, unless otherwise provided, CRA shall be deemed the author of these documents and shall retain all common law, statutory and other reserved rights, including the copyright. The Owner shall be permitted to retain copies, including reproducible copies, of CRA's Drawings, Specifications and other documents for information and reference in connection with the Owner's use and occupancy of the Project. CRA's Drawings, Specifications or other documents shall not be used by the Owner or others on other projects, for documents shall not be used by the Owner or others on other projects, for additions to this Project or for completion of this Project by others, unless the Architect is adjudged to be in default under this Agreement, except by agreement in writing and with appropriate compensation to CRA.

SHANNON E. HUFFY 91838

Submittal

Phase	Date	Drw	Chk
100% CONSTRUCTION DOCUMENTS	08-XX-24	KOP	KRM

Revision

#	Description	Date

CRA Project # **24039.01**
Phase: **100% CONSTRUCTION DOCUMENTS**

SHEET TITLE
OVERALL SITE PLAN

C 301

I:\PROJECTS\24-0039.01\CRA Brevard Co\Drawings\Civil\C 301 Overall Site Plan.dwg LAST SAVE: 7/2/2026 PLOT DATE: 7/2/2026 11:05 AM

CITY OF
FORT LAUDERDALE

All-America City

August 20, 2026

Pamela White
Florida Department of Juvenile Justice
2737 Centerview Drive
Tallahassee, FL 32399

Subject: **WATER AND WASTEWATER CAPACITY AVAILABILITY LETTER REQUEST**
Broward County Regional Juvenile Detention Center – DRC Case No. UDP-S26023
222 NW 22 Avenue, Fort Lauderdale, FL 33311

Dear Pamela White,

According to the information submitted, the project consists of the replacement of the existing 34,000 square-foot juvenile detention center with a new 54,615 square-foot facility. The proposed plans include an increase of 3 beds to the existing capacity. The proposed development will incur negligible water demand or sewer flow; therefore, a Water and Sewer Capacity Availability Letter is not required.

Should you have any questions or require any additional information, please contact me at (954) 828-5115 or via email at ASimon@fortlauderdale.gov.

Sincerely,

Alejandra Simon
Project Manager II

cc: Brad Kaine, Public Works Director
Albert Carbon, P.E., Utility Services Director
Otniel Rodriguez, E.I., Assistant Public Works Director
Roberto Betancourt, P.E., City Engineer
Orlando Arrom, P.E., Land Development Manager
File: Water and Sewer Capacity Letters

From: Shannon Hufty
To: Yvonne Redding
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue
Date: Monday, August 10, 2026 11:03:01 AM
Attachments: image001.png
image002.png
image003.png
image004.png
image005.png
image006.png
image007.png
image008.png
image009.png
image010.png
image011.png
image012.png
image013.png

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Yvonne,

Also, her name and title are listed on the DJJ website.

https://www.djj.state.fl.us/contact-us/administration

T. Dodie Garye
Assistant Secretary
Administration

Email: dodie.garye@fldjj.gov

Show 25 entries Search:

Name/Title	Phone/Fax	Email
Gregory Davis Deputy Assistant Secretary	(850) 717-2772	Gregory.Davis@fldjj.gov
Stephanie Holmes Chief Bureau of Human Resources	(850) 717-2653	Stephanie.Holmes@fldjj.gov
Deshawn Byrd Chief Bureau of Budget	(850) 717-2401	Deshawn.Byrd@fldjj.gov
Marcia Haye Chief Bureau of Finance & Accounting	(850) 717-2351	Marcia.Haye@fldjj.gov
Pamela White Chief, Bureau of General Services	(850) 717-2740	Pamela.White@fldjj.gov
Darron Toston Chief, Bureau of Information Technology	(850) 717-2322	Darron.Toston@fldjj.gov

Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Shannon Hufty
Sent: Monday, August 10, 2026 9:12 AM
To: 'Yvonne Redding' <YRedding@fortlauderdale.gov>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Yvonne, I have reached out to Pamela and requested documentation.

Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Monday, August 10, 2026 9:07 AM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Does she have her name and position on any official records or contracts?

Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
WeAreFTL

From: Shannon Hufty <shufty@gaceng.net>
Sent: Monday, August 10, 2026 8:46 AM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

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Hi Yvonne,

Pamela is the Chief of the Bureau of General Services of the Florida DJJ. What kind of documents do you normally see for government agencies? I can reach out to her and request something.

Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Monday, August 10, 2026 8:18 AM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Shannon,

What documents do you have that "tie" Pamela White" to Florida DJJ?

Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
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From: Shannon Hufty <shufty@gaceng.net>
Sent: Thursday, August 6, 2026 9:36 AM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

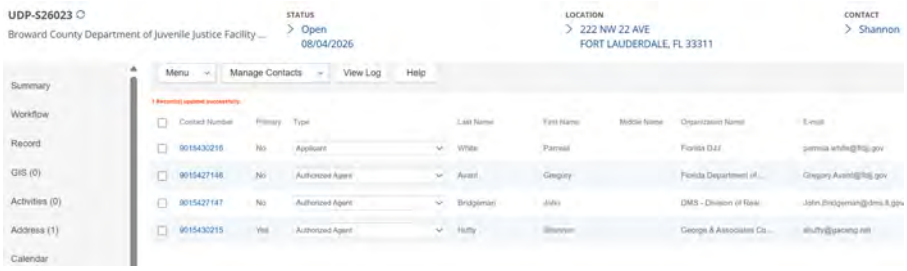
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Thanks so much!

Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Thursday, August 6, 2026 9:27 AM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

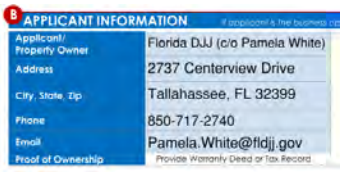


Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
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From: Shannon Hufty <shufty@gaceng.net>
Sent: Thursday, August 6, 2026 9:25 AM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

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Below is the correct applicant. Thank you!



Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Thursday, August 6, 2026 9:21 AM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

What should it be changed to?

I will try to change it on our end.

Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
WeAreFTL

From: Shannon Hufty <shufty@gaceng.net>
Sent: Thursday, August 6, 2026 9:04 AM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

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Thank you! Is there any way to change the applicant information? It will be correct on the signed application form I upload but I did not enter the correct name in the portal.

I am able to upload documents.

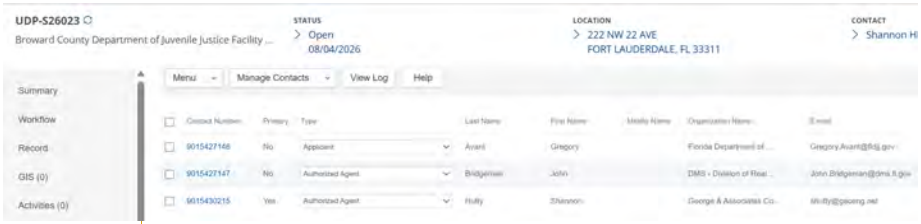
Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Thursday, August 6, 2026 8:57 AM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Shannon,

I have added you as an authorized agent, so looking at the portal, you should be able to drag any of your pdf's and put them into the system.



Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
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From: Shannon Hufty <shufty@gaceng.net>
Sent: Tuesday, August 4, 2026 2:50 PM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

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Hi Yvonne,

I started the application online and I didn't realize I had reached then end of it. It submitted but I need to make a change to the applicant information. Is there anyway to unlock the application on LauderBuild so I can make an edit? I will be uploading documents at the end of the week.

Thank you,

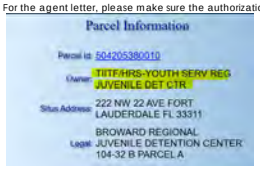
Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Monday, August 3, 2026 12:17 PM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Yes, just make sure you notify the HOA at least 21 days prior to the DRC meeting, which would mean by July 16th, so you have time.

The most important thing is to make sure you have submitted all the required documents, application, proof of ownership, agent authorization letter, project narrative, and plans (architectural, basic civils, and landscaping), and current survey, we do not need any building permit plans (i.e., electrical, plumbing, ac, etc.).

For the agent letter, please make sure the authorization chain leads from the person signing to:



The City Attorney, will not allow us to accept it if the chain of authorization isn't followed.

Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
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From: Shannon Hufty <shufty@gaceng.net>
Sent: Monday, August 3, 2026 12:11 PM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

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Thank you! Just to make sure I understand, we send an email to the HOA notifying them of the project and that we will be on a future DRC meeting agenda. Then we submit the completed affidavit I previously attached for the submittal Friday?

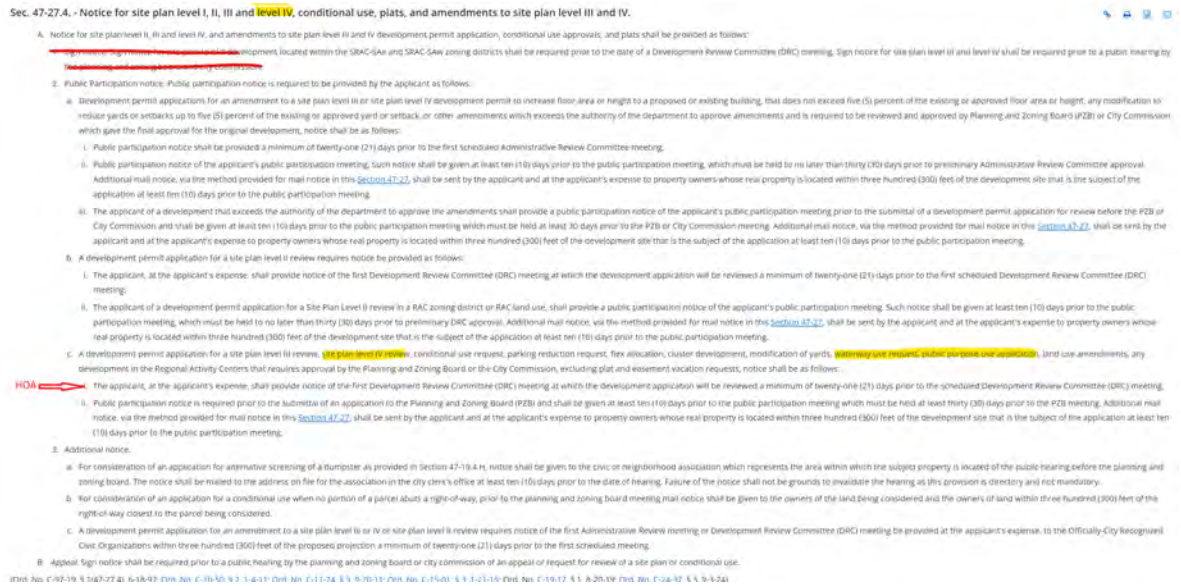
Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Monday, August 3, 2026 12:06 PM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Shannon, all that is needed at this time is the notice to the neighboorhood (north) even thought it is not near you, it is across the waterway, so as a curtesy, please send them an email.

As you proceed to the PZB you will need a public meeting and then notify neighbors of the PZB meeting, but that can be handled later.



Sec. 47-27.4. - Notice for site plan level I, II, III and level IV, conditional use, plats, and amendments to site plan level III and IV.

A. Notice for site plan level II, III and level IV, and amendments to site plan level III and IV development permit application, conditional use approvals, and plats shall be provided as follows:

~~[illegible]~~ development located within the SRAC-SAA and SRAC-SAW zoning districts shall be required prior to the date of a Development Review Committee (DRC) meeting. Sign notice for site plan level III and level IV shall be required prior to a public hearing by ~~[illegible]~~ and the City Commission.

2. Public Participation notice. Public participation notice is required to be provided by the applicant as follows:

a. Development permit applications for an amendment to a site plan level III or site plan level IV development permit to increase floor area or height to a proposed or existing building, that does not exceed five (5) percent of the existing or approved floor area or height, any modification to reduce yards or setbacks up to five (5) percent of the existing or approved yard or setback, or other amendments which exceeds the authority of the department to approve amendments and is required to be reviewed and approved by Planning and Zoning Board (PZB) or City Commission which gave the final approval for the original development, notice shall be as follows:

i. Public participation notice shall be provided a minimum of twenty-one (21) days prior to the first scheduled Administrative Review Committee meeting.

ii. Public participation notice of the applicant's public participation meeting. Such notice shall be given at least ten (10) days prior to the public participation meeting, which must be held to no later than thirty (30) days prior to preliminary Administrative Review Committee approval. Additional mail notice, via the method provided for mail notice in this Section 47-27, shall be sent by the applicant and at the applicant's expense to property owners whose real property is located within three hundred (300) feet of the development site that is the subject of the application at least ten (10) days prior to the public participation meeting.

iii. The applicant of a development that exceeds the authority of the department to approve the amendments shall provide a public participation notice of the applicant's public participation meeting prior to the submittal of a development permit application for review before the PZB or City Commission and shall be given at least ten (10) days prior to the public participation meeting which must be held at least 30 days prior to the PZB or City Commission meeting. Additional mail notice, via the method provided for mail notice in this Section 47-27, shall be sent by the applicant and at the applicant's expense to property owners whose real property is located within three hundred (300) feet of the development site that is the subject of the application at least ten (10) days prior to the public participation meeting.

b. A development permit application for a site plan level II review requires notice be provided as follows:

i. The applicant, at the applicant's expense, shall provide notice of the first Development Review Committee (DRC) meeting at which the development application will be reviewed a minimum of twenty-one (21) days prior to the first scheduled Development Review Committee (DRC) meeting.

ii. The applicant of a development permit application for a Site Plan Level II review in a RAC zoning district or RAC land use, shall provide a public participation notice of the applicant's public participation meeting. Such notice shall be given at least ten (10) days prior to the public participation meeting, which must be held to no later than thirty (30) days prior to preliminary DRC approval. Additional mail notice, via the method provided for mail notice in this Section 47-27, shall be sent by the applicant and at the applicant's expense to property owners whose real property is located within three hundred (300) feet of the development site that is the subject of the application at least ten (10) days prior to the public participation meeting.

c. A development permit application for a site plan level III review, site plan level IV review, conditional use request, parking reduction request, flex allocation, cluster development, modification of yards, waterway use request, public purpose use application, land use amendments, any development in the Regional Activity Centers that requires approval by the Planning and Zoning Board or the City Commission, excluding plat and easement vacation requests, notice shall be as follows:

HOA

i. The applicant, at the applicant's expense, shall provide notice of the first Development Review Committee (DRC) meeting at which the development application will be reviewed a minimum of twenty-one (21) days prior to the scheduled Development Review Committee (DRC) meeting.

ii. Public participation notice is required prior to the submittal of an application to the Planning and Zoning Board (PZB) and shall be given at least ten (10) days prior to the public participation meeting which must be held at least thirty (30) days prior to the PZB meeting. Additional mail notice, via the method provided for mail notice in this Section 47-27, shall be sent by the applicant and at the applicant's expense to property owners whose real property is located within three hundred (300) feet of the development site that is the subject of the application at least ten (10) days prior to the public participation meeting.

3. Additional notice.

a. For consideration of an application for alternative screening of a dumpster as provided in Section 47-19.4 H, notice shall be given to the civic or neighborhood association which represents the area within which the subject property is located of the public hearing before the planning and zoning board. The notice shall be mailed to the address on file for the association in the city clerk's office at least ten (10) days prior to the date of hearing. Failure of the notice shall not be grounds to invalidate the hearing as this provision is directory and not mandatory.

b. For consideration of an application for a conditional use when no portion of a parcel abuts a right-of-way, prior to the planning and zoning board meeting mail notice shall be given to the owners of the land being considered and the owners of land within three hundred (300) feet of the right-of-way closest to the parcel being considered.

c. A development permit application for an amendment to a site plan level II or IV or site plan level II review requires notice of the first Administrative Review meeting or Development Review Committee (DRC) meeting be provided at the applicant's expense, to the Officially-City Recognized Civic Organizations within three hundred (300) feet of the proposed projection a minimum of twenty-one (21) days prior to the first scheduled meeting.

B. Appeal. Sign notice shall be required prior to a public hearing by the planning and zoning board or city commission of an appeal or request for review of a site plan or conditional use.

(Ord. No. C-97-19, § 2(47-27.4), 6-18-97; Ord. No. C-00-45, § 2, 1-4-01; Ord. No. C-11-24, § 3, 9-20-11; Ord. No. C-15-01, § 3, 1-21-15; Ord. No. C-19-12, § 1, 8-20-19; Ord. No. C-24-32, § 3, 9-3-24)

Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
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700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
WeAreFTL

From: Shannon Hufty <shufty@gaceng.net>
Sent: Monday, August 3, 2026 11:54 AM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

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Hi Yvonne,

Thank you for getting back to me. Can you help me understand how to satisfy this for the submittal Friday? It says to provide the stamped envelopes to the City on the form, but everything is submitted online.

I found the affidavit (attached). Do we need to email or main notices before the submittal Friday or just before our scheduled DRC meeting?

And do we just reach out to the HOA or the individual property owners?

Thank for your help on this. I just want to make sure I check all the boxes. Please give me a call to discuss if that's easier.

Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Monday, August 3, 2026 11:36 AM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Since I'm not sure of the scope of the project, I assume at the least you will need to notify the HOA (River Garden Sweeting Estates is across to the north), I would notify them that you will be on a DRC agenda to include the date but time can be To be determined…

Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
WeAreFTL

From: Shannon Hufty <shufty@gaceng.net>
Sent: Monday, August 3, 2026 10:04 AM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

[::CAUTION::] This email originated from *outside* The City of Fort Lauderdale.
Do Not Reply, click links, or open attachments from an unknown or suspicious origin. Confirm the email address is from an expected source before taking action.
Report any suspicious emails to spamadmin@fortlauderdale.gov

Good morning Yvonne,

Just following up on this. We are planning to submit Friday. I called and left you a voicemail also.

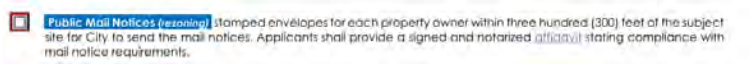
Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Shannon Hufty
Sent: Wednesday, July 29, 2026 11:28 AM
To: 'Yvonne Redding' <YRedding@fortlauderdale.gov>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

Good Morning Yvonne,

I am preparing to submit for site plan approval on 8/7. I wanted to confirm the requirement on the application for Public Mail Notices. This states that it is only for rezoning so I wanted to confirm that we are not required to do this since we are not rezoning.



Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Monday, July 13, 2026 3:11 PM
To: Shannon Hufty <shufty@gaceng.net>
Subject: RE: BC DJJ Site Plan information at 222 NW 22 Avenue

https://www.fortlauderdale.gov/Government/Departments/Development-Services/Urban-Design-and-Planning/Development-Applications-Boards-and-Committees/Applications-and-Forms

Yvonne Redding | Urban Planner III
Urban Design and Planning | Development Services Division
City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
www.fortlauderdale.gov
WeAreFTL

From: Shannon Hufty <shufty@gaceng.net>
Sent: Monday, July 13, 2026 12:32 PM
To: Yvonne Redding <YRedding@fortlauderdale.gov>
Subject: [EXTERNAL:CAUTION!]- RE: BC DJJ Site Plan information at 222 NW 22 Avenue

[::CAUTION!::] This email originated from *outside* The City of Fort Lauderdale.
Do Not Reply, click links, or open attachments from an unknown or suspicious origin. Confirm the email address is from an expected source before taking action.
Report any suspicious emails to spamadmin@fortlauderdale.gov

Hi Yvonne,

The ling you previously provided below does not work. Is there a new link you can provide for the application, requirements, etc.?

Here is the link to the website for the application, submittal requirements, naming convention, etc:
https://www.fortlauderdale.gov/government/departments-a-h/development-services/urban-design-and-planning/development-applications-boards-and-committees/applications-and-fee-schedule-6565

Thank you,

Shannon Hufty, P.E.
Project Manager
George & Associates Consulting Engineers, Inc.
1967 Commonwealth Lane, Suite 200
Tallahassee, Florida 32303
P 850-521-0344 (ext.118)
www.gaceng.net

From: Yvonne Redding <YRedding@fortlauderdale.gov>
Sent: Friday, February 13, 2026 10:49 AM
To: Shannon Hufty <shufty@gaceng.net>; Robert George <rgeorge@gaceng.net>
Cc: Mark Koenig <MKoenig@fortlauderdale.gov>; Mark Hagerty <MHagerty@fortlauderdale.gov>; Benjamin Restrepo <BRestrepo@fortlauderdale.gov>; James Hollingsworth <JHollingsworth@fortlauderdale.gov>; Lorraine Tappen <LTappen@fortlauderdale.gov>; Anabel Figueredo <AFigueredo@fortlauderdale.gov>; Jim Hetzel <JHetzel@fortlauderdale.gov>
Subject: BC DJJ Site Plan information at 222 NW 22 Avenue

Shannon and team, sorry I do not have the email address for Kyle Mann.

Mark Koenig can be reached at Mkoenig@fortlauderdale.gov for any landscape questions or regulations.
Mark Hagerty can be reached at MHagerty@fortlauderdale.gov for any FEMA / Flood questions or regulations.

The other members of staff are copied here as well if you have any additional questions.

Attached are examples of another public purpose request.

Public Purpose use:
https://library.municode.com/fl/fort_lauderdale/codes/unified_land_development_code?nodeId=UNLADERE_CH47UNLADERE_ARTIIIDERE_S47-18SPUSRE_S47-18.26PUPUUS

Public Participation requirements:
https://library.municode.com/fl/fort_lauderdale/codes/unified_land_development_code?nodeId=UNLADERE_CH47UNLADERE_ARTVIINOPR_S47-27NOPRPUHE

Schedule for the upcoming Development Review Committee meetings:

2026 DEVELOPMENT REVIEW SCHEDULE

APPLICATION DEADLINE	TECHNICAL REVIEW PERIOD					DRC MEETING SCHEDULE	RECOMMENDED RESUBMITTAL (ALL APPLICATIONS EXCEPT REZONINGS)		NON-QUASI JUDICIAL TIMEFRAME (SITE PLAN AMENDMENTS, LEVELS I AND II)		QUASI JUDICIAL TIMEFRAME (COMMISSION CALL-UP)				
	COMPLETENESS DETERMINATION	STAFF REVIEW MEETING	PUBLIC NOTICE DEADLINE	PUBLIC NOTICE APPEARS	ISSUANCE OF DRC COMMENT REPORT		RESUBMITTAL CYCLE #1	RESUBMITTAL CYCLE #2	APPROVAL SIGN-OFF	EXPIRATION DATE	PRELIMINARY SIGN-OFF	APPROVAL SIGN-OFF	PLANNING AND ZONING BOARD	CITY COMMISSION	EXPIRATION DATE
Five Fridays (before Meeting)	Third and Fourth Friday of Month	Three Wednesdays (before Meeting)	Notice Twenty (20) Days Before (Meeting)	Five Fridays (before Meeting)	Fridays (before Meeting)	Second and Fourth Tuesday of Month	Thirty (30) Days from DRC Meeting	Sixty (60) Days from DRC Meeting	Sixty (60) Days Before Expiration Date	120 Days from Completeness Determination	Forty-Five (45) Days Before Expiration Date	Sixty (60) Days Before PZB Meeting	Third Wednesday of the Month	First and Third Tuesday of the Month	180 Days from Completeness Determination
February 6, 2026	February 13, 2026	February 18, 2026	February 17, 2026	February 27, 2026	March 6, 2026	March 10, 2026	April 6, 2026	May 4, 2026	June 6, 2026	June 5, 2026	July 20, 2026	August 19, 2026	September 16, 2026	September 15, 2026	March 9, 2027
February 20, 2026	February 27, 2026	March 4, 2026	March 3, 2026	March 13, 2026	March 20, 2026	March 24, 2026	April 23, 2026	May 23, 2026	June 26, 2026	June 27, 2026	July 12, 2026	May 18, 2026	June 17, 2026	August 18, 2026	August 26, 2026
March 13, 2026	March 20, 2026	March 25, 2026	March 24, 2026	April 3, 2026	April 10, 2026	April 14, 2026	May 14, 2026	June 13, 2026	July 17, 2026	July 18, 2026	August 2, 2026	June 15, 2026	July 15, 2026	September 1, 2026	September 16, 2026
March 27, 2026	April 3, 2026	April 8, 2026	April 7, 2026	April 17, 2026	April 24, 2026	April 28, 2026	May 28, 2026	June 27, 2026	July 31, 2026	August 1, 2026	August 16, 2026	June 15, 2026	July 15, 2026	September 15, 2026	September 30, 2026
April 10, 2026	April 17, 2026	April 22, 2026	April 21, 2026	May 1, 2026	May 8, 2026	May 12, 2026	June 11, 2026	July 11, 2026	August 14, 2026	August 15, 2026	August 30, 2026	July 20, 2026	August 19, 2026	October 6, 2026	October 14, 2026
April 24, 2026	May 1, 2026	May 6, 2026	May 5, 2026	May 15, 2026	May 22, 2026	May 26, 2026	June 25, 2026	July 25, 2026	August 28, 2026	August 29, 2026	September 13, 2026	July 20, 2026	August 19, 2026	October 20, 2026	October 28, 2026
May 8, 2026	May 15, 2026	May 20, 2026	May 19, 2026	May 29, 2026	June 5, 2026	June 9, 2026	July 9, 2026	August 8, 2026	September 11, 2026	September 12, 2026	September 27, 2026	August 17, 2026	September 16, 2026	November 3, 2026	November 11, 2026
May 22, 2026	May 29, 2026	June 3, 2026	June 2, 2026	June 12, 2026	June 19, 2026	June 23, 2026	July 23, 2026	August 22, 2026	September 25, 2026	September 26, 2026	October 11, 2026	August 17, 2026	September 16, 2026	November 17, 2026	November 25, 2026
June 12, 2026	June 19, 2026	June 24, 2026	June 23, 2026	July 3, 2026	July 10, 2026	July 14, 2026	August 13, 2026	September 12, 2026	October 16, 2026	October 17, 2026	November 1, 2026	September 21, 2026	October 21, 2026	December 1, 2026	December 16, 2026
June 26, 2026	July 3, 2026	July 8, 2026	July 7, 2026	July 17, 2026	July 24, 2026	July 28, 2026	August 27, 2026	September 26, 2026	October 29, 2026	October 31, 2026	November 15, 2026	September 21, 2026	October 21, 2026	December 15, 2026	December 30, 2026
July 10, 2026	July 17, 2026	July 22, 2026	July 21, 2026	July 31, 2026	August 7, 2026	August 11, 2026	September 10, 2026	October 10, 2026	November 13, 2026	November 14, 2026	November 29, 2026	October 19, 2026	November 18, 2026	January 5, 2027	January 13, 2027
July 24, 2026	July 31, 2026	August 5, 2026	August 4, 2026	August 14, 2026	August 21, 2026	August 25, 2026	September 24, 2026	October 24, 2026	November 25, 2026	November 28, 2026	December 13, 2026	October 19, 2026	November 18, 2026	January 19, 2027	January 27, 2027
August 7, 2026	August 14, 2026	August 19, 2026	August 18, 2026	August 28, 2026	September 4, 2026	September 8, 2026	October 8, 2026	November 7, 2026	December 11, 2026	December 12, 2026	December 27, 2026	November 16, 2026	December 16, 2026	February 2, 2027	February 10, 2027
August 21, 2026	August 28, 2026	September 2, 2026	September 1, 2026	September 11, 2026	September 18, 2026	September 22, 2026	October 22, 2026	November 21, 2026	December 23, 2026	December 26, 2026	January 10, 2027	November 16, 2026	December 16, 2026	February 16, 2027	February 24, 2027
September 11, 2026	September 18, 2026	September 23, 2026	September 22, 2026	October 2, 2026	October 9, 2026	October 13, 2026	November 12, 2026	December 12, 2026	January 15, 2027	January 16, 2027	January 31, 2027	December 21, 2026	January 20, 2027	March 2, 2027	March 17, 2027
September 25, 2026	October 2, 2026	October 7, 2026	October 6, 2026	October 16, 2026	October 23, 2026	October 27, 2026	November 25, 2026	December 26, 2026	January 29, 2027	January 30, 2027	February 14, 2027	December 21, 2026	January 20, 2027	March 16, 2027	March 31, 2027
October 9, 2026	October 16, 2026	October 21, 2026	October 20, 2026	October 30, 2026	November 6, 2026	November 10, 2026	December 10, 2026	January 9, 2027	February 12, 2027	February 13, 2027	February 28, 2027	January 18, 2027	February 17, 2027	April 6, 2027	April 14, 2027
October 23, 2026	October 30, 2026	November 4, 2026	November 3, 2026	November 13, 2026	November 20, 2026	November 24, 2026	December 24, 2026	January 23, 2027	February 26, 2027	February 27, 2027	March 14, 2027	January 18, 2027	February 17, 2027	April 20, 2027	April 28, 2027
November 6, 2026	November 13, 2026	November 18, 2026	November 17, 2026	November 25, 2026	December 4, 2026	December 8, 2026	January 7, 2027	February 6, 2027	March 12, 2027	March 13, 2027	March 28, 2027	February 15, 2027	March 17, 2027	May 4, 2027	May 12, 2027
November 20, 2026	November 30, 2026	December 2, 2026	December 1, 2026	December 11, 2026	December 18, 2026	December 22, 2026	January 21, 2027	February 20, 2027	March 29, 2027	March 30, 2027	April 14, 2027	March 22, 2027	April 21, 2027	May 18, 2027	May 29, 2027
Submit by 5:00 P.M.	*Incomplete applications subject to the following scheduled application deadlines date.*	*Staff Case Review Meeting*	*Applicant sends notice pursuant to Section 47-27*	*Applicant provides affidavit from verifying notice was sent*	*Friday before DRC meeting*	*DRC meetings may be cancelled if there are no items for the meeting.*	*Resubmittal may occur prior to the dates listed*		*DRC staff approval deadline date*	*Application deadline. Applicants that fail to meet this deadline must request one time extension or submit a waiver to proceed.*	*DRC staff preliminary approval deadline date*	*DRC staff approval to proceed. Applicants that fail to meet this deadline must request one time extension or submit a waiver to proceed.*	*Dates may be revised by Board*	*Dates may be revised by City Commission*	*Application deadline. Applicants that fail to meet the deadline must request one time extension or submit a waiver to proceed.*

For more information go to: www.fortlauderdale.gov

For questions regarding this schedule, please call Urban Design and Planning at 954-828-6520.

Here is the link to the website for the application, submittal requirements, naming convention, etc:
https://www.fortlauderdale.gov/government/departments-a-h/development-services/urban-design-and-planning/development-applications-boards-and-committees/applications-and-fee-schedule-6565

Please let me know if you have any other questions or concerns.

Yvonne Redding | Urban Planner III
Urban Design and Planning Division | Development Services Department
City of Fort Lauderdale
700 NW 19th Avenue, Fort Lauderdale, FL 33311
O: 954-828-6495
E: yredding@fortlauderdale.gov
WeAreFTL

Record ENG-CR-26080004:

Add to cart
Add to collection

Capacity Request

Record Status: Open
Expiration Date: 08/05/2026

Record Info ▼ | Plan Room ▼ | Payments ▼

Work Location

222 NW 22 AVE
FORT LAUDERDALE FL 33311 *

Record Details

Owner:

TIITF/HRS-YOUTH SERV; REG JUVENILE DET CTR *
3900 COMMONWEALTH BLVD
TALLAHASSEE FL 32399 657

More Details

Application Information

PROJECT INFORMATION

DRC Case Number:	UDP-S26023
Area / Zone for Pump Station:	A35

Parcel Information

Parcel Number:504205380010 *
Block:--
Lot:-- Subdivision:--

DEVELOPMENT SERVICES DEPARTMENT – BUILDING SERVICES

AUTHORIZED AGENT FORM

Rev: 3 | Revision Date: 3/19/2025 | Print Date: 3/19/2025 I.D. Number: AAF

I Pamela White, Bureau Chief of General Services, Derpartment of Juvinile Justice (print name of owner) as owner of 222 NW 22nd Ave, Fort Lauderdale, FL 33311 (property address) do hereby authorize John Bridgeman, Deputy Chief of Building Construction, Department of Management Services (name of authorized agent) to act as my agent in submitting building permit applications to the City of Fort Lauderdale. I understand that I am the owner of record responsible for the permit applications submitted by my agent referenced above. I further understand that each time my agent submits an application or signs any required documents, that the individual must exhibit this authorization form to the permitting staff.

- **The owner acknowledges that he/she/it is still is responsible for all issues related to the building permit.**
- **The owner's signature is to be notarized.**

Pamela L White
Owner's Signature

8/4/26
Date (authorization is valid for one (1) calendar year beyond this date.)

State of Florida
County of Leon

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 4 day of August, 2026 by (Name and title of authorized officer) for (Name of corporation), a (whatever type of corporation).

NOTARY PUBLIC STATE OF FLORIDA
ALNYSA C. BISBEE
Commission # HH 599909
Expires October 24, 2028

Alnysa C. Bisbee
(Signature of Notary Public – State of Florida)

Alnysa C. Bisbee
Print, Type or Stamp Commissioned Name of Notary Public)

Personally Known ✓ OR Produced Identification ____
Type of Identification Produced ____

Alnysa C. Bisbee
Notary Public's Signature

8/4/26
Date

AFFIDAVIT FORM

Applications: As Required | **Rev.** 02/26/2026

INSTRUCTIONS: Indicate with an [X] for the type of meeting, provide the applicable project information, hearing date, and indicate applicable public notice requirements. Sign the affidavit with notary. For specific public notice requirements, refer to the Public Participation and Sign Notice Guide or contact the Case Planner. Please print legibly.

STATE OF FLORIDA, BROWARD COUNTY
AFFIDAVIT PUBLIC NOTICE REQUIREMENTS

[X] DEVELOPMENT REVIEW COMMITTEE [ ] PRELIMINARY ADMINISTRATIVE REVIEW OR DRC APPROVAL [ ] PLANNING AND ZONING BOARD
[ ] HISTORIC PRESERVATION BOARD [ ] CITY COMMISSION

CASE NUMBER: UDP-S26023 **PROPERTY:** 222 NW 22nd Ave **MEETING DATE:** 9/8/26

APPLICANT OR AGENT (IF REPRESENTING APPLICANT): John Bridgeman **APPEAL REQUEST: YES** ____ **NO** X

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

1. Affiant is the Applicant or Agent representing the applicant in the above cited City of Fort Lauderdale Review Case.
2. The Affiant/Applicant has completed the following (indicate all applicable sections with an [X])

[X] MAIL NOTICE
ADMINISTRATIVE /DEVELOPMENT REVIEW COMMITTEE

a. Affiant has been mailed a letter(s) or sent an email(s) to all official city-recognized civic organization(s) within 300 feet of the proposed project. The letter(s) or email(s) sent by the Affiant includes a notification of the date, time, and place of the meeting.

b. Letter or email referenced above in (a) was sent at least **twenty-one (21) days** prior to the date of the meeting noted above.

c. Affiant acknowledges that this Affidavit must be executed and filed with the City's Urban Design and Planning office **ten (10) days** prior to the date of meeting and if the Affidavit is not submitted, the meeting on this case shall be cancelled.

[ ] MAIL NOTICE
PROJECT PRESENTATION MEETING AND PZB MEETING

a. Affiant has sent a letter(s) via regular mail or sent an email(s) to all property owners whose real property is located within three hundred (300) feet of the proposed project and mailed a letter(s) or sent an email(s) to all official city-recognized civic organization(s) within 300 feet of the proposed project. The letter(s) or email(s) sent by the Affiant includes a notification of the date, time, and place of the Applicant's Project Presentation meeting and mail notice was sent indicating the date, time, and location of the Planning and Zoning Board meeting.

b. Letter referenced above (a) was mailed prior to the submittal of the application to the Planning and Zoning Board application. Applicant's Project Presentation meeting was held at least **thirty (30) days** prior to the date of the Planning and Zoning Board meeting or at least **thirty (30) days** prior to Preliminary Administrative or DRC Review Approval (Commission Call-up).

c. Affiant has prepared a summary of the Project Presentation meeting cited above that documents the date(s), time(s), location(s), number of participants, presentation material and general summary of the discussion and comments expressed during the process.

d. Affiant acknowledges that this Affidavit must be executed and filed with the City's Urban Design and Planning office **fifteen (15) days** prior to the date of the Planning and Zoning Board meeting and if the Affidavit has not submitted, the Public Hearing on this case shall becancelled.

3. 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 penaltiestherefor.

IF APPLICANT COMPLETE BELOW

STATE OF FLORIDA:
COUNTY OF _____:

The foregoing instrument was sworn to and subscribed before me by means of [ ] physical presence or [ ] online notarization, this _____ day of _____, 20___, by _____, who is personally known to me or who has produced _____ as identification

[SEAL]

SHARON MILLER
Commission # HH 521800
Expires August 2, 2028

[ ] MAIL NOTICE
HISTORIC PRESERVATION BOARD

a. Affiant has paid for and ensured that letters were mailed to all property owners located within three hundred (300) feet of the property that is the subject of the application. The letter sent by mail to the property owners includes a notification of the date, time, and place of the meeting.

b. Letter referenced above (a) was sent at least **fifteen (15) days** prior to the date set for the first meeting cited above.

c. Affiant acknowledges that this Affidavit must be executed and filed with the City's Urban Design and Planning office **ten (10) days** prior to the date of and if the Affidavit is not submitted, the meeting on this case shall be cancelled.

[ ] PUBLIC SIGN NOTICE OR
10-DAY POSTED SIGN **[ ] 15-DAY POSTED SIGN**

a. Posted or has caused to be posted on the Property signage provided by the City of Fort Lauderdale, which such signage notifies the date, time and place of the meeting.

b. That _____ **(provide number of signs posted)** sign(s) as referenced above (a) was posted on _____ **(provide date of posting)** the property in such manner as to be visible from adjacent streets and waterways and was posted a minimum **(see above marked 10 or 15 days)** prior to the date of the meeting 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.

c. Affiant acknowledges that the sign must remain posted on the property until the final disposition of the case. Should the application be continued, deferred or re-heard, the sign shall be amended to reflect the new dates.

d. Affiant acknowledges that this Affidavit must be executed and filed with the City's Urban Design and Planning office **five (5) calendar days** prior to the meeting date and if the Affidavit has not submitted, the meeting on this case shall be cancelled.

_____
AFFIANT SIGNATURE

IF AN AGENT COMPLETE BELOW

STATE OF FLORIDA:
COUNTY OF Leon:

The foregoing instrument was sworn to and subscribed before me by means of [ ] physical presence or [ ] online notarization, this 4th day of August, 2026 by John Bridgeman, Deputy Chief of Building Construction of Department of Management Services a Florida corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ as identification.

_____
(Signature of Notary Public – State of Florida)

Sharon Miller
(Print, Type, or Stamp Commissioned Name of Notary Public

Record BLD-ADDVER-26080001:

Add to cart
Add to collection

Address Request - Verification

Record Status: Complete
Expiration Date: 08/04/2026

Record Info ▼ Payments ▼

Work Location

222 NW 22 AVE
FORT LAUDERDALE FL 33311 *

Record Details

Owner:

TIITF/HRS-YOUTH SERV; REG JUVENILE DET CTR *
3900 COMMONWEALTH BLVD
TALLAHASSEE FL 32399-6575

More Details

Application Information

CONTACT INFORMATION

First Name:	John
Last Name:	Bridgeman
Email Address:	John.Bridgeman@dms.fl.gov
Phone Number:	8503633007

Purpose and Request Detail

Purpose of Address Verification Request :	To verify an existing address for DRC
What is your relationship to the Property?:	Agent

Parcel Information

Parcel Number:504205380010 *
Block:--
Lot:-- Subdivision:--

STATE OF FLORIDA
BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND

LEASE AGREEMENT

RECEIVED
APR 19 1989
ASGFS

No. 3109

WHEREAS, Board of Trustees of the Internal Improvement Trust Fund holds title to certain lands and property being utilized by the State of Florida for public purposes, and

WHEREAS, Board of Trustees of the Internal Improvement Trust Fund is authorized in Section 253.03, Florida Statutes, to enter into leases for the use, benefit and possession of public lands by State agencies which may properly use and possess them for the benefit of the State;

NOW, THEREFORE, this agreement made between BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND, DEPARTMENT OF NATURAL RESOURCES, DIVISION OF RESOURCE MANAGEMENT, as LESSOR, and STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES, as LESSEE,

WITNESSETH:

The parties, for and in consideration of mutual covenants and agreements hereinafter contained, hereby covenant and agree as follows:

1. The lessor does hereby lease to the lessee the following described premises in the County of Broward , State of Florida, together with the improvements thereon (if applicable), viz:

(Exhibit A - attached)

TO HAVE AND TO HOLD the above described land for a period of Ninety-nine (99) years for a regional juvenile detention center.

2. The lessee shall have the right to enter upon said land [illegible] necessary to the full enjoyment by said lessee of the rights herein [illegible].

3. The lessee shall through its agents and employees prevent the unauthorized use of said land or any use thereof not in conformity with this lease.

4. This lease shall terminate at the sole option of the lessor, and the lessee shall surrender up the premises to the lessor, when and if said premises, including lands and improvements, shall cease to be used for a regional juvenile detention center.

Any costs arising out of the enforcement of the terms of this lease agreement shall be the exclusive obligation of the lessee, payable upon demand of the lessor.

5. The lessee hereby covenants and agrees to investigate all claims of every nature at its own expense and to indemnify, protect, defend, hold and save harmless the lessor from any and all claims, actions, lawsuits and demands of any kind or nature arising out of this agreement to the extent allowable by law.

6. The lessor does not warrant or guarantee title, right or interest in the hereinabove described property.

7. The lessor or its duly authorized agents shall have the right at any time to inspect the said land and the works and operations thereon of the lessee in any matter pertaining to this agreement.

8. The lessee agrees to assume all responsibility for liabilities that accrue to the subject property or to the improvements thereon, including any and all drainage or special assessments or taxes of every kind and description which are now or may be hereafter lawfully assessed and levied against the subject property during the effective period of this lease.

9. The lessee is hereby authorized to grant utility easements which will be necessary to service authorized facilities located within the leased premises. Copies of any such easements granted shall be filed timely with the lessor.

10. This agreement is for the purposes specified herein and subleases of any nature, excepting utility easements incident to authorized facilities, (Provision 9), are prohibited, unless previously authorized by the lessor.

11. Upon cessation of occupation of said property, the lessee agrees to leave all fixed improvements for the use of the lessor and to put no claim upon said fixed improvements; or, at the option of the lessor, the lessee agrees to remove any or all improvements on the property at the lessee's expense.

12. Execution of this agreement in no way affects the lessee's obligations pursuant to Chapter 267, Florida Statutes.

IN TESTIMONY WHEREOF, the legally designated agent of the Board of Trustees of the Internal Improvement Trust Fund has hereunto subscribed his name and has caused the official seal of the Board of Trustees of the Internal Improvement Trust Fund to be hereunto affixed, in the City of Tallahassee, Florida, on this the 7 day of September, A. D. 1979

(SEAL) BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND JANUARY 6, 1855

APPROVED AS TO FORM AND LEGALITY

ATTORNEY - D.N.R

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA

By _____

Interim Executive Director, Department of Natural Resources,
Agent for the Board of Trustees of the Internal Improvement Trust Fund authorized to execute this instrument for and on its behalf pursuant to Section 253.431, Florida Statutes, and resolution recorded in its minutes of November 4, 1975.

BY THE AUTHORITY VESTED IN ME
BY THE GOVERNOR AND CABINET ON
JANUARY 26, 1979
STATE OF FLORIDA DEPARTMENT OF
HEALTH AND REHABILITATIVE SERVICES

BY: _____

Date: 8/27/79

Lease No. 3109

EXHIBIT A

A portion of the SE¼ of Section 5, Township 50 South, Range 42 East more fully described as follows:

Commencing at the SW corner of the said SE¼ of Section 5, Thence Easterly along the South line of said SE¼ of Section 5 a distance of 1920.76 feet, thence Northerly, making an angle of 89°39'30" in the NE Quadrant, a distance of 500.01 feet to the Point of Beginning; thence Easterly, making an angle of 89°39'30" in the NE Quadrant a distance of 712.30 feet to a point on the West R.O.W. line of the Seaboard Coastline R.R; thence Northerly along said West R.O.W. line, making an included angle of 90°48'30", a distance of 635.00 feet to the South Bank of North Fork of New River; thence Westerly, Meandering the said South Bank, a distance of 625 feet; thence Southerly along a line 2021.12 feet East of and Parallel to the West line of said SE¼ of Section 5, a distance of 233 feet; thence Westerly along a line 825 feet North of and Parallel to the South line of said Section 5, making an included angle of 269°39'30", a distance of 100.36 feet; thence Southerly, making an included angle of 90°20'30", a distance of 325.0 feet to the Point of Beginning, containing 9.04 acres, more or less.

AND

Lot 1 of Block 4 of River Gardens Subdivision according to plat recorded in Plat Book 19, Page 23 of the Public Records of Broward County, containing 0.16 acre, more or less.

ATTACHMENT B

STATE OF FLORIDA
BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND

LEASE AGREEMENT

No. 3109

WHEREAS, Board of Trustees of the Internal Improvement Trust Fund holds title to certain lands and property being utilized by the State of Florida for public purposes, and

WHEREAS, Board of Trustees of the Internal Improvement Trust Fund is authorized in Section 253.03, Florida Statutes, to enter into leases for the use, benefit and possession of public lands by State agencies which may properly use and possess them for the benefit of the State;

NOW, THEREFORE, this agreement made between BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND, DEPARTMENT OF NATURAL RESOURCES, DIVISION OF RESOURCE MANAGEMENT, as LESSOR, and STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES, as LESSEE,

WITNESSETH:

The parties, for and in consideration of mutual covenants and agreements hereinafter contained, hereby covenant and agree as follows:

1. The lessor does hereby lease to the lessee the following described premises in the County of Broward , State of Florida, together with the improvements thereon (if applicable), viz:

(Exhibit A - attached)

TO HAVE AND TO HOLD the above described land for a period of Ninety-nine (99) years for a regional juvenile detention center.

2. The lessee shall have the right to enter upon said land for all purposes necessary to the full enjoyment by said lessee of the rights herein conveyed to it.

3. The lessee shall through its agents and employees prevent the unauthorized use of said land or any use thereof not in conformity with this lease.

4. This lease shall terminate at the sole option of the lessor, and the lessee shall surrender up the premises to the lessor, when and if said premises, including lands and improvements, shall cease to be used for a regional juvenile detention center.

Any costs arising out of the enforcement of the terms of this lease agreement shall be the exclusive obligation of the lessee, payable upon demand of the lessor.

5. The lessee hereby covenants and agrees to investigate all claims of every nature at its own expense and to indemnify, protect, defend, hold and save harmless the lessor from any and all claims, actions, lawsuits and demands of any kind or nature arising out of this agreement to the extent allowable by law.

6. The lessor does not warrant or guarantee title, right or interest in the hereinabove described property.

7. The lessor or its duly authorized agents shall have the right at any time to inspect the said land and the works and operations thereon of the lessee in any matter pertaining to this agreement.

8. The lessee agrees to assume all responsibility for liabilities that accrue to the subject property or to the improvements thereon, including any and all drainage or special assessments or taxes of every kind and description which are now or may be hereafter lawfully assessed and levied against the subject property during the effective period of this lease.

9. The lessee is hereby authorized to grant utility easements which will be necessary to service authorized facilities located within the leased premises. Copies of any such easements granted shall be filed timely with the lessor.

10. This agreement is for the purposes specified herein, and subleases of any nature, excepting utility easements incident to authorized facilities, (Provision 9), are prohibited, unless previously authorized by the lessor.

11. Upon cessation of occupation of said property, the lessee agrees to leave all fixed improvements for the use of the lessor and to put no claim upon said fixed improvements; or, at the option of the lessor, the lessee agrees to remove any or all improvements on the property at the lessee's expense.

12. Execution of this agreement in no way affects the lessee's obligations pursuant to Chapter 267, Florida Statutes.

IN TESTIMONY WHEREOF, the legally designated agent of the Board of Trustees of the Internal Improvement Trust Fund has hereunto subscribed his name and has caused the official seal of the Board of Trustees of the Internal Improvement Trust Fund to be hereunto affixed, in the City of Tallahassee, Florida, on this the _____ day of _____, A. D. 19 __

(SEAL)
BOARD OF TRUSTEES
OF THE INTERNAL
IMPROVEMENT TRUST
FUND

BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA

By_____
Executive Director, Department of Natural Resources,
Agent for the Board of Trustees of the Internal Improvement Trust Fund authorized to execute this instrument for and on its behalf pursuant to Section 253.431, Florida Statutes, and resolution recorded in its minutes of November 4, 1975.

STATE OF FLORIDA DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES

BY: _____

Date: 8/27/79

Lease No. 3109

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Released in 2009 (SS)

AND

Lot 1 of Block 4 of River Gardens Subdivision according to plat recorded in Plat Book 19, Page 23 of the Public Records of Broward County, containing 0.16 acre, more or less.