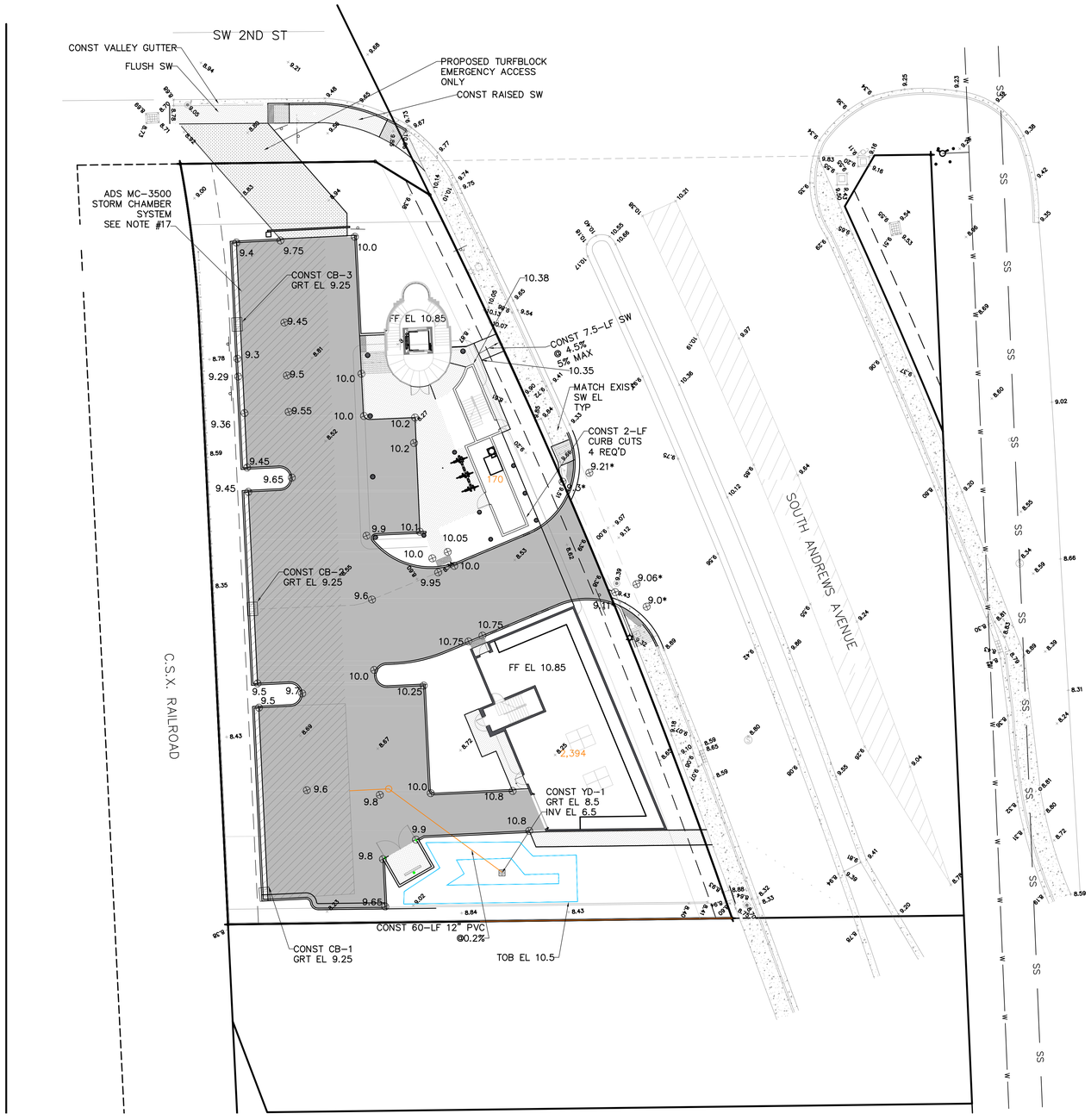
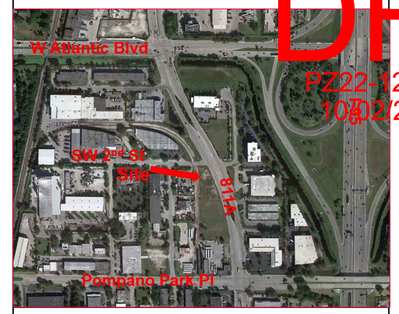


AERIAL



VICINITY MAP

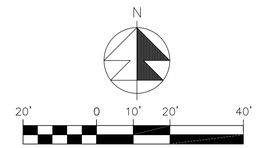
SECTION 2 TOWNSHIP 49S RANGE 42E
Permit Set, Not for Construction/Bidding

NOTES:

1. ACCESSIBLE ROUTES INCL SW'S, HANDICAP RAMPS & DET WARNINGS SHALL CONFORM TO 2010 US DOJ "STD'S FOR ACCESSIBLE DESIGN", FBC & FDOT DESIGN DESIGN STD'S INDEX #304.
2. CR-X MEANS HANDICAP RAMP PER FDOT DESIGN STD'S INDEX #522-002 CR-X.
3. ALL EXIST INFO & TOPO ARE PER ACCURATE LAND SURVEYORS, INC DWG # 1SU-15-0105 AND BASED ON NAVD 1988 DATUM.
4. GRT EL INLETS ARE THE LOWEST EOP ELEV. PAVT SHOULD BE 1/4" ABOVE INLET GRATE AND F-CURB.
5. ALL INLET GRATES SHALL BE USF HEAVY DUTY LOADING /AE.
6. THE FINAL LANDSCAPE GRADE AT BLDG SHALL BE 8" TYP, 4" MIN BELOW FIN FL ELEV.
7. CONTRACTOR SHALL PROTECT ALL INLETS & SITE PERIMETERS DURING CONSTRUCTION PER FLORIDA STORMWATER, ERROSION, & SEDIMENTATION CONTROL INSPECTORS MANUAL.
8. CONTRACTOR SHALL COORD W/ UTILITIES TO ADJUST ALL EXIST UTILITY FACILITIES TO PROP GRADES INCL FPL, ATT, COMCAST, SID(WATER & SAN).
9. CONTRACTOR SHALL INSTALL FILTER FABRIC ON INLET GRATES ONCE THEY ARE CONSTRUCTED AND SHALL NOT BE REMOVED UNTIL ALL LANDSCAPING HAS BEEN IINSTALLED PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL MANUAL.
10. ALL LANDSCAPE IN THE VINCINITY OF DRAINAGE PIPE SHALL HAVE ROOT BARRIERS INSTALLED.
11. CONTRACTOR TO VERIFY WITH MEP ON INVERT FOR RWLS ON WEST SIDE OF BUILDING, IF DESIGNED..
12. ALL PVC RWL/YARD DRAINAGE SHALL BE SDR-26 PVC.
13. ALL SIDEWALK SHALL ADHERE TO CROSS SLOPES NOT TO EXCEED 1.5% AND LONGITUDINAL SLOPES TO BE UNDER 5%, EXCEPT IN CASES WHERE HANDRAILS ARE SHOWN.
14. THE MC-3500 STORMCHAMBER SYSTEM IS DESIGNED FOR 16,279 CF OF STORAGE. THE ADS DRAWING IS BEING DESIGNED AND WILL BE PLACED INTO THE CIVIL DRAWING ONCE COMPLETED. THE SHADED AREA IS THE MAX LAYOUT FOR THE CHAMBER SYSTEM

ADS STORMCHAMBER DESIGN:

ELEAVATIONS IN NAVD 1988:
BOTTOM OF STONE: 1.5
UNDERDRAIN INVERT: 1.5
BOTTOM OF MC-3500 CHAMBER: 2.25
18"X18"" BOTTOM MANIFOLD INVERT: 2.4
24" ISOLATOR ROW PLUS INVERT: 2.42
TOP OF MC-3500 CHAMBER: 6.0
TOP OF STONE: 7.0
MINIMUM ALLOWABLE GRADE FOR 2" FLEXIBLE PVMT: 7.7
PROPOSED MINIMUM GRADE FOR FLEXIBLE PVMT PAVEMENT: 9.25



SCALE: 1" = 20'

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

JOHN BIJAN IRAVANI LICENSE No. 87431 STATE OF FLORIDA PROFESSIONAL ENGINEER

This item has been electronically signed and sealed by John Bijan Iravani using a SHA Authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

Digitally signed by John Iravani
Date: 2024.08.12 08:15:47 -04'00'

48 HOURS BEFORE DIGGING
CALL TOLL FREE
811
CALL SUNSHINE
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DRC
PZ22-12000026
10/02/2024

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Pompano Beach, Florida

Grading, Paving & Drainage Plan

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
08/05/2022	1"=20'	JBI	JBI	2208-1411

SEAL

COA # 6986

SHEET NO.
C-3