

NOTES:

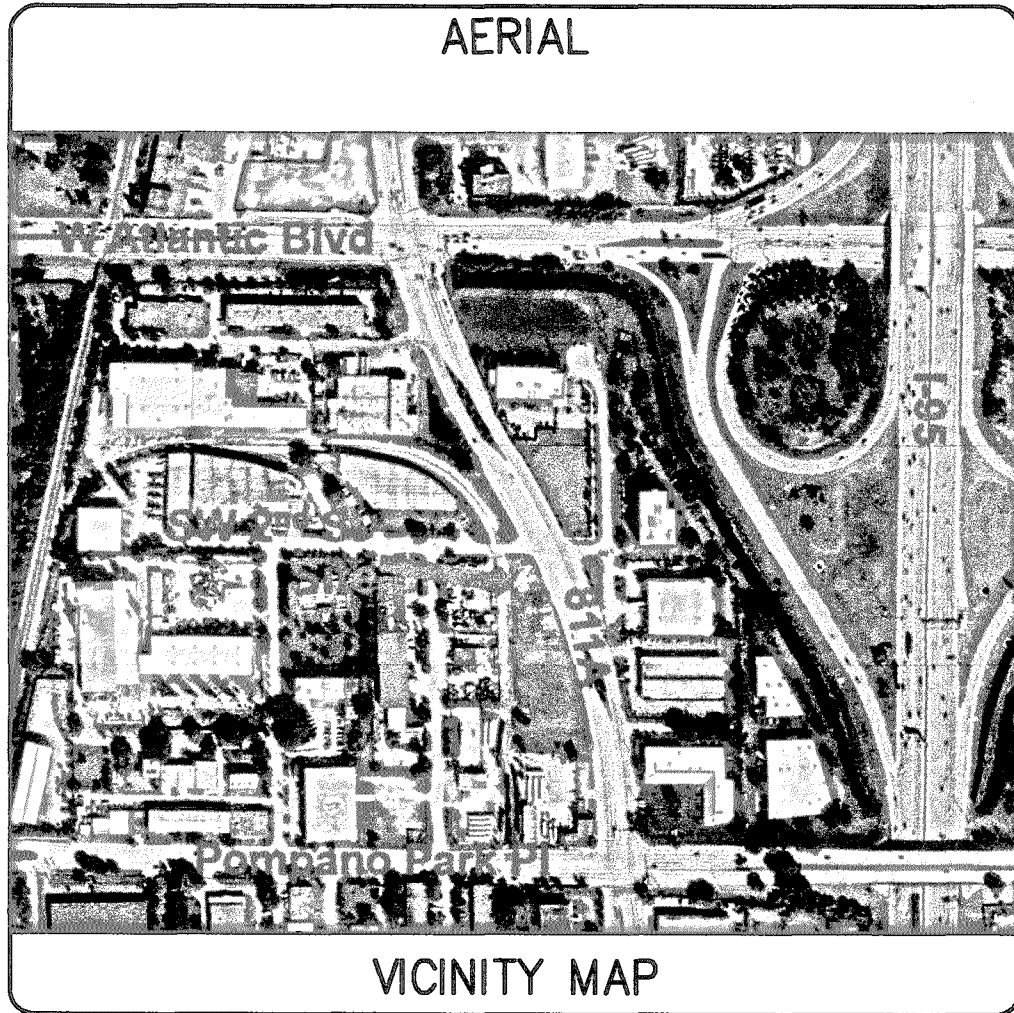
1. DIRECTIONAL BORE SHOWN FOR WATER & SEWER IS CONCEPTUAL AND SUBJECT TO COUNTY AND CITY APPROVAL.
2. GRAVITY SEWER IS ALLOWED TO BE DIRECTIONALLY BORED TO PROJECT BY CITY UTILITIES AT A SLOPE OF 1% MIN. HOWEVER, A LOCATE SURVEY WILL NEED TO BE DONE TO VERIFY THERE ARE NO UNDERGROUND CONFLICTS.
3. IF DIRECTIONAL BORE FOR GRAVITY SEWER CAN'T BE ACCOMPLISHED DUE TO CONFLICTS, A LIFT STATION WILL BE DESIGNED TO PROVIDE SEWER TO PROJECT.
4. STORMCHAMBER SYSTEM IS PROPOSED TO MEET CITY AND COUNTY DRAINAGE REQUIREMENTS.

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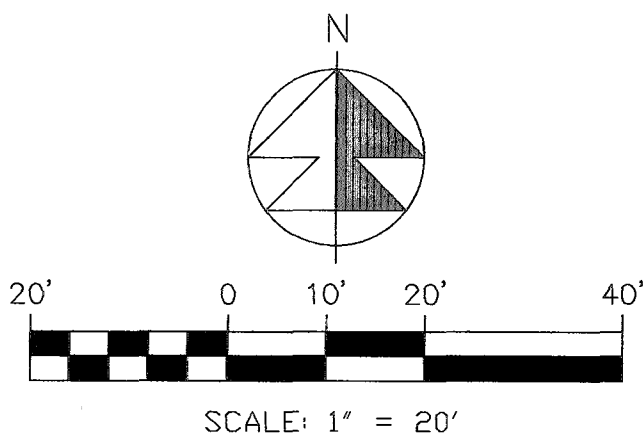
1. ACCESSIBLE ROUTES INCL SW'S, HANDICAP RAMPS & DET WARNINGS SHALL CONFORM TO 2010 US DOJ "STD'S FOR ACCESSIBLE DESIGN", FBC & FDOT DESIGN DESIGN STD'S INDEX #304.
2. CR-X MEANS HANDICAP RAMP PER FDOT DESIGN STD'S INDEX #522-002 CR-X.
3. ALL EXIST INFO & TOPO ARE PER ACCURATE LAND SURVEYORS, INC DWG # 15U-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, EROSION, & 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 INSTALLED PER FLORIDA STORMWATER EROSION AND SEDIMENTATION CONTROL MANUAL.
10. ALL LANDSCAPE IN THE VICINITY 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. SITE MIN PERIM EL IS 10.5 FT, NAVD WHICH IS ABOVE THE PEAK STAGE OF 25YR-72 HR STORM OF 10.48 FT, NAVD
13. ALL PVC RWL/YARD DRAINAGE SHALL BE SDR-26 PVC.
14. PLEASE SEE PLAN # A1.1.2 DATE 12-20-21 PROJECT # 20248 BY SPINA OROURKE+ PARTNERS FOR THE WEST AND NORTH DOOR ELEVATIONS BEING 4FT HIGHER THAN F.F. EL
15. 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.
16. ALL SIDEWALKS WITH HANDRAILS SHALL HAVE A THICKENED EDGE ON BOTH SIDES UNDERNEATH THE RAILING. 9"x9" T.E. PER FDOT INDEX 515-070
17. 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:

ELEVATIONS IN NAVD 1988:
BOTTOM OF STONE: 3.5
UNDERDRAIN INVERT: 3.5
BOTTOM OF MC-3500 CHAMBER: 4.25
18"x18" BOTTOM MANIFOLD INVERT: 4.40
24" ISOLATOR ROW PLUS INVERT: 4.42
TOP OF MC-3500 CHAMBER: 8.0
TOP OF STONE: 9.00
MINIMUM ALLOWABLE GRADE FOR 2" FLEXIBLE PVMT: 9.66
PROPOSED MINIMUM GRADE FOR FLEXIBLE PVMT PAVEMENT: 9.7



SECTION 2 TOWNSHIP 49S RANGE 42E



REVISIONS

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201 SW 12th Ave

Pompano Beach, Florida

Grading, Paving & Drainage Plan

DATE	DESIGNED BY	DRAWN BY	JOB NO.
08/05/2022	JBI	JBI	2008-1411

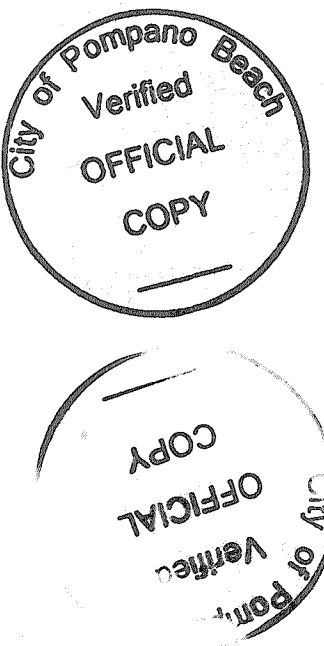
SEAL

JOHN BIJAN IRAVANI

STATE OF FLORIDA

PROFESSIONAL ENGINEER

67123



LEGEND	
00.0	PROP PAVT EL
00.0	PROP CONC SW EL
EXIST EL	EXIST EL
CONTRACTOR TO FIELD VERIFY	CONTRACTOR TO FIELD VERIFY
INVERT EL	INVERT EL
INVERT BASIN	INVERT BASIN
YD DRAIN	YD DRAIN
BE	BOTTOM EL
TE	TOP EL
EXT	EXTRACTION TRENCH
WM	WATER MAIN
WS	WATER SERVICE
SS	SANITARY SERVICE
FM	FORCE MAIN
UCW	UNDERGROUND WIRE
STM	STORM LINE
WW	WASTEWATER GRAVITY
PH	FIRE HYDRANT
PIV	POST INDICATOR VALVE
GV	GATE VALVE
TV	TAPPING VALVE
VALVE	VALVE
CV	CV CHECK VALVE
OCDA-DBL	OCDA-DBL CHK DETECTOR ASSEMBLY
RPDA-REDUCED PRESS DET ASSEMBLY	RPDA-REDUCED PRESS DET ASSEMBLY
WATER METER W/ REDUCED PRESSURE	WATER METER W/ REDUCED PRESSURE
SHAKELOW PREV	SHAKELOW PREV
SAMPLE POINT	SAMPLE POINT
MES	METERED END SECTION
F.F.E.	FIN FLOOR ELEV
F.L.E.	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TC	TOP OF CONCRETE
TOP OF PAVES	TOP OF PAVES
UE	UTILITY EASEMENT
DE	DRAINAGE EASEMENT
LME	LAKE MAINTENANCE EASMT
LAC	LIMITED ACCESS EASMT
CL	CLEAROUT
BORING NO. AND LOCATION	BORING NO. AND LOCATION
ERCP	ELLIPTICAL RCP
RCP	REINFORCED CONC PIPE
CAP	CONCRETE MANHOLE
HOPE	HIGH DENSITY POLYETHYLENE
PVC	POLYVINYL CHLORIDE
QIP	QUICK INSTALL PIPE
QIP	QUICK INSTALL PIPE

48 HOURS BEFORE EGGING

CALL 561-12000026

NOTIFICATION CENTER

SHEET NO.

3

07/19/2023