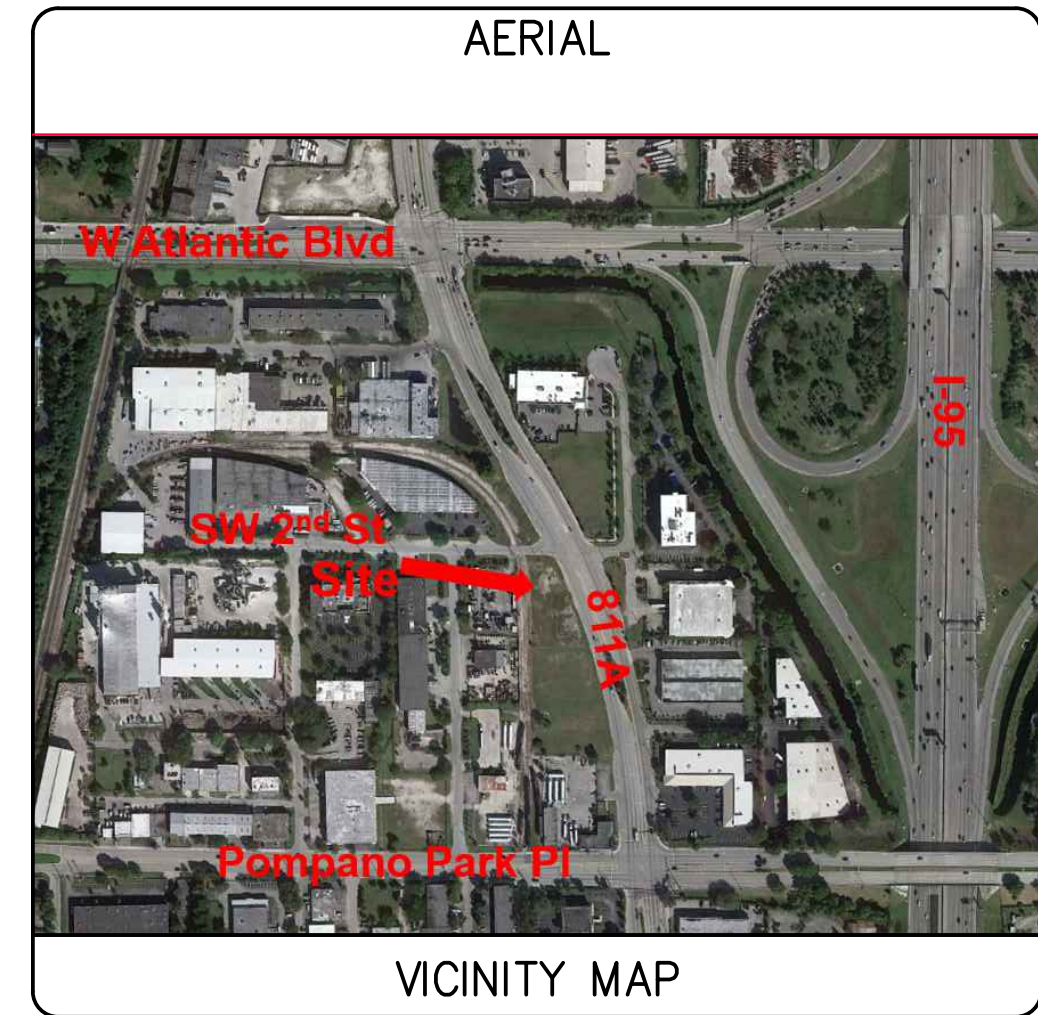
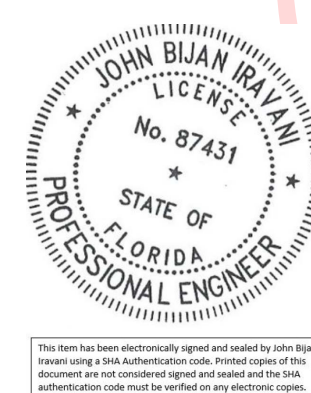
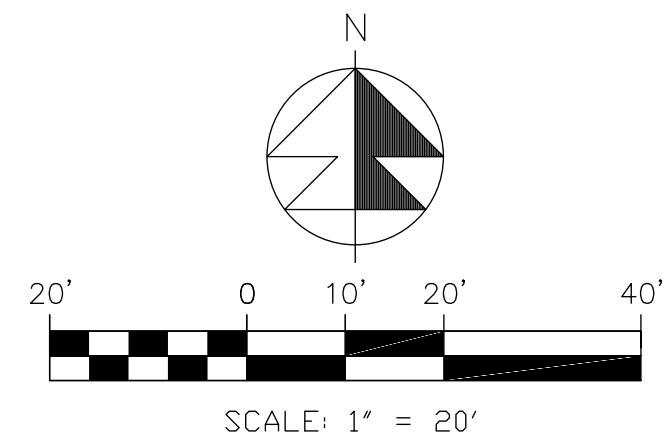


NOTES:

- DIRECTIONAL BORE SHOWN FOR WATER & SEWER IS CONCEPTUAL AND SUBJECT TO COUNTY AND CITY APPROVAL.
- 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.
- IF DIRECTIONAL BORE FOR GRAVITY SEWER CAN'T BE ACCOMPLISHED DUE TO CONFLICTS, A LIFT STATION WILL BE DESIGNED TO PROVIDE SEWER TO PROJECT.
- WATER SERVICE SHALL BE POLYETHYLENE. SANITARY MAINS & SERVICES SHALL BE PVC SDR-26. WATER MAIN TO BE PVC C-900. SANITARY MAIN TO BE PVC SDR-26. DIRECTIONAL BORE WATER MAIN TO BE HDPE-CONTRACTOR TO SEND SHOP DRAWINGS FOR ALL PIPES & FITTINGS PRIOR TO CONSTRUCTION.
- ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(b)3, A.C., USING BLUE AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE WILL BE SOLID WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING THE MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED NO-MORE THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER THE INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIP THE PIPE DURING THE INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.
- ALL CLEANOUTS AND REUSE LIDS IN PAVEMENT TO HAVE HEAVY DUTY TRAFFIC BEARING CAPS/LIDS. CONTRACTOR TO SUBMIT SHOP DRAWINGS PRIOR TO CONSTRUCTION.
- ALL SANITARY SEWER MANHOLES OWNED AND MAINTAINED BY THE CITY OF POMPAÑO BEACH ARE REQUIRED TO BE SEWPER COATED. ALSO, ANY WORK BEING PERFORMED INSIDE THE CITY OF POMPAÑO'S SANITARY SEWER MANHOLES. THEY ARE REQUIRED TO BE BROUGHT UP TO CURRENT CITY STANDARDS. ALSO, THE TYPE OF WORK PERFORMED INSIDE THE MANHOLE WILL DEPEND ON WHETHER ANY BENCH WORK MUST BE COMPLETED SIMULTANEOUSLY. ONLY SEWPERCOAT & REFRATTA HAC 100 ARE THE TWO APPROVED PRODUCTS ALLOWED IN OUR SYSTEM. BELOW IS A LIST OF SOME EXAMPLES. AN APPROVED SEWPER COAT APPLICATOR MUST INSTALL THIS WORK.
 - CORE DRILLING FOR NEW MAIN
 - PLUGGING OLD ABANDONED MAIN OR LATERAL
 - INSTALLATION OF FORCE MAIN DUMPING INTO A MANHOLE
 - RAISING OR LOWERING THE MANHOLE FOR ELEVATION CHANGES



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



Digitally
signed by
John
Iravani
Date:
2024.10.15
20:43:19
-04'00'

LEGEND	
#00.0	PROP PAVT EL
00.0	PROP CONC SW EL
•	EXIST EL
•	CONTRACTOR TO FIELD VERIFY
INV	INVERT EL
CS	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
UCW	UNDERGROUND WIRE
STM	STORM LINE
WW	WASTEWATER GRAVITY
•	FIRE HYDRANT
PIV	POST INDICATOR VALVE
GV	GATE VALVE
TV	TAPPING VALVE
DX	VALVE
CS	FIRE DETECT CONNECTION
CV	CV CHECK VALVE
•	DCDA-DBL CHCK DETECTOR ASSMBLY
•	WATER METER W/ REDUCED PRESSURE BACKFLOW PREV
•	SAMPLE POINT
MES	METERED END SECTION
F.F.E.L	FIN FLOOR ELEV
F.L.E.L	FLOW LINE ELEV
TOB	TOP OF BANK
TOS	TOP OF SLOPE
TC	TOP OF CONCRETE
TP	TOP OF PAVERS
UE	UTILITY EASEMENT
DE	DRAINAGE EASEMENT
LME	LANDS MAINTENANCE EASMT
LAE	LIMITED ACCESS EASMT
CO	CLEANOUT
•	BORING NO. AND LOCATION
•	ELLIPITICAL RCP
•	REINFORCED CONC PIPE
•	CORRUGATED ALUMINUM PIPE
•	HDPE
•	HIGH DENSITY POLYETHYLENE PIPE
•	PVC
•	POLYVINYL PIPE
•	CORRUGATED METAL PIPE
•	CL 0.0
•	PROP. CONC EL

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

REVISIONS	
10/14/24	REV PER SP-DRC

Jeff H. Iravani, Inc.
Consulting Engineers

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TEL: (561) 575-6030
FAX: (561) 575-6088
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JHI@jhinc.com

201 SW 12th Ave
Pompano Beach, Florida

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

SEAL	
CDA # 6986	SHEET NO.
C-4	