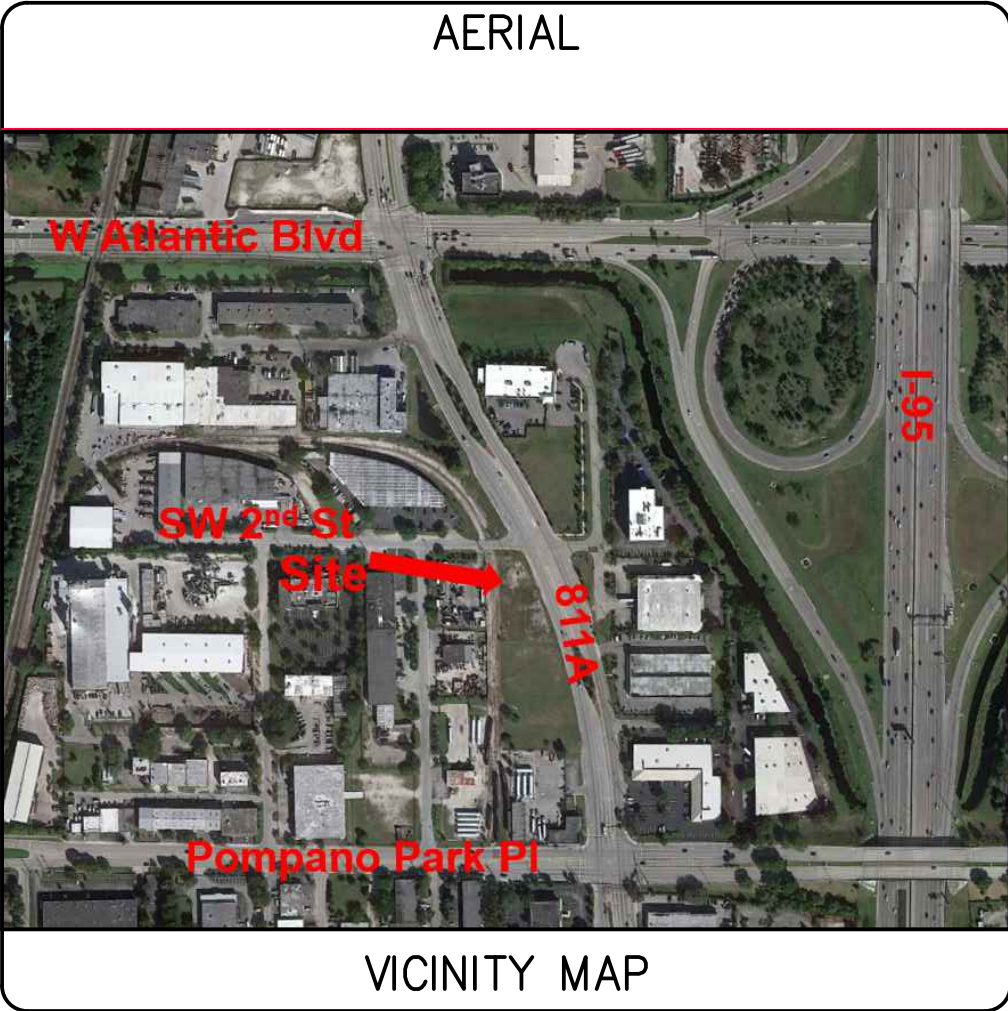
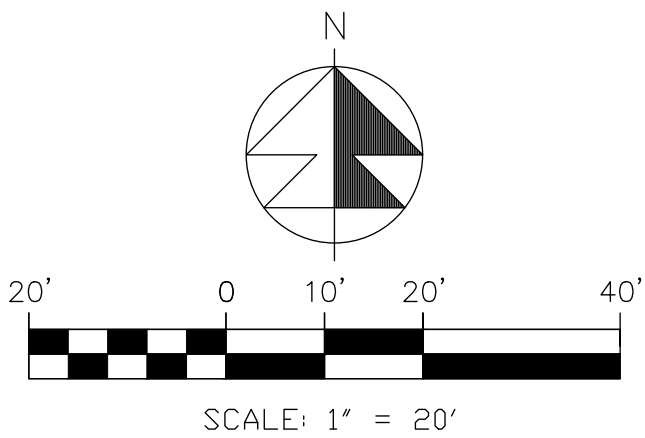


NOTES:

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 UTILITES 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. 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.
5. 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 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.
6. 3. ALL CLEANOUTS AND REUSE LIDS IN PAVEMENT TO HAVE HEAVY DUTY TRAFFIC BEARING CAPS/LIDS. CONTRACTOR TO SUBMIT SHOP DRAWINGS PRIOR TO CONSTRUCTION.
7. ALL SANITARY SEWER MANHOLES OWNED AND MAINTAINEDBY THE CITY OF POMPANNO BEACH ARE REQUIRED TO BE SEWPER COATED. ALSO, ANY WORK BEING PERFORMED INSIDE THE CITY OF POMPANNO'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.
 - 1.CORE DRILLING FOR NEW MAIN
 - 2.PLUGGING OLD ABANDONED MAIN OR LATERAL
 - 3.INSTALLATION OF FORCE MAIN DUMPING INTO A MANHOLE
 - 4.RAISING OR LOWERING THE MANHOLE FOR ELEVATION CHANGES



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



LEGEND			
000.0	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		
CATCH BASIN	CATCH BASIN		
YARD DRAIN	YARD DRAIN		
BOTTOM EL	BOTTOM EL		
TOP EL	TOP EL		
EXF	EXFILTRATION TRENCH		
WM	WATER MAIN		
WS	WATER SERVICE		
FM	SANITARY SERVICE		
UCW	UNDERGROUND WIRE		
STM	STORM LINE		
WW	WASTEWATER GRAVITY		
PIV	POST INDICATOR VALVE		
GV	GATE VALVE		
TV	TAPPING VALVE		
VALVE	VALVE		
CV	CHECK VALVE		
CV	CV CHECK VALVE		
DCDA-DBL OHK DETECTOR ASSEMBLY	DCDA-DBL OHK DETECTOR ASSEMBLY		
RPDA-REDUCED PRESS DET ASSEMBLY	RPDA-REDUCED PRESS DET ASSEMBLY		
WATER METER W REDUCED PRESSURE BACKFLOW PREV	WATER METER W REDUCED PRESSURE BACKFLOW PREV		
SAMPLE POINT	SAMPLE POINT		
MES	MITERED 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		
TOP OF PAVERS	TOP OF PAVERS		
UE	UTILITY EASEMENT		
DE	DRAINAGE EASEMENT		
L.M.E	LINE MAINTENANCE EASMT		
LAT	LIMITED ACCESS EASMT		
CO	CLEANOUT		
BORING NO. AND LOCATION	BORING NO. AND LOCATION		
ERCP	ELLIPTICAL RCP		
RCP	REINFORCED CONC PIPE		
CAP	CORRUGATED ALUMINUM PIPE		
HDPE	HIGH DENSITY POLYETHYLENE PIPE		
PVC	POLYVINYL PIPE		
OMP	CORRUGATED METAL PIPE		
CI D.O	PROP. CONC EL		

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

REVISIONS			
10/14/24	REV	PER	SP-DRC
12/19/24	REV	PER	SP-DRC



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Consulting Engineers

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JHI@jhinc.com

201 SW 12th Ave
Pompano Beach, Florida

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

SEAL	
CDA # 6986	SHEET NO.
C-4	

AAC

PZ22-12000026

12/23/2024