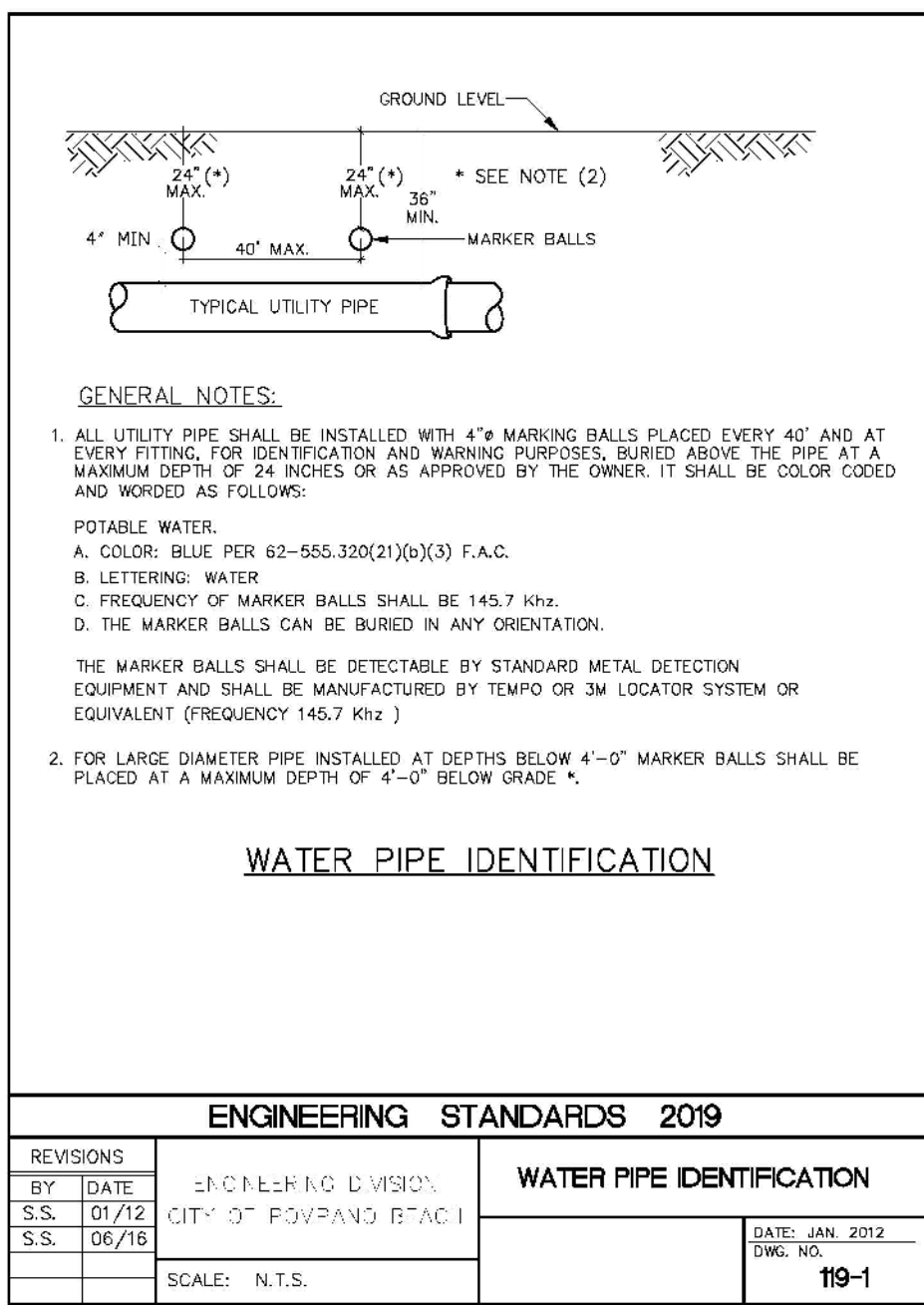


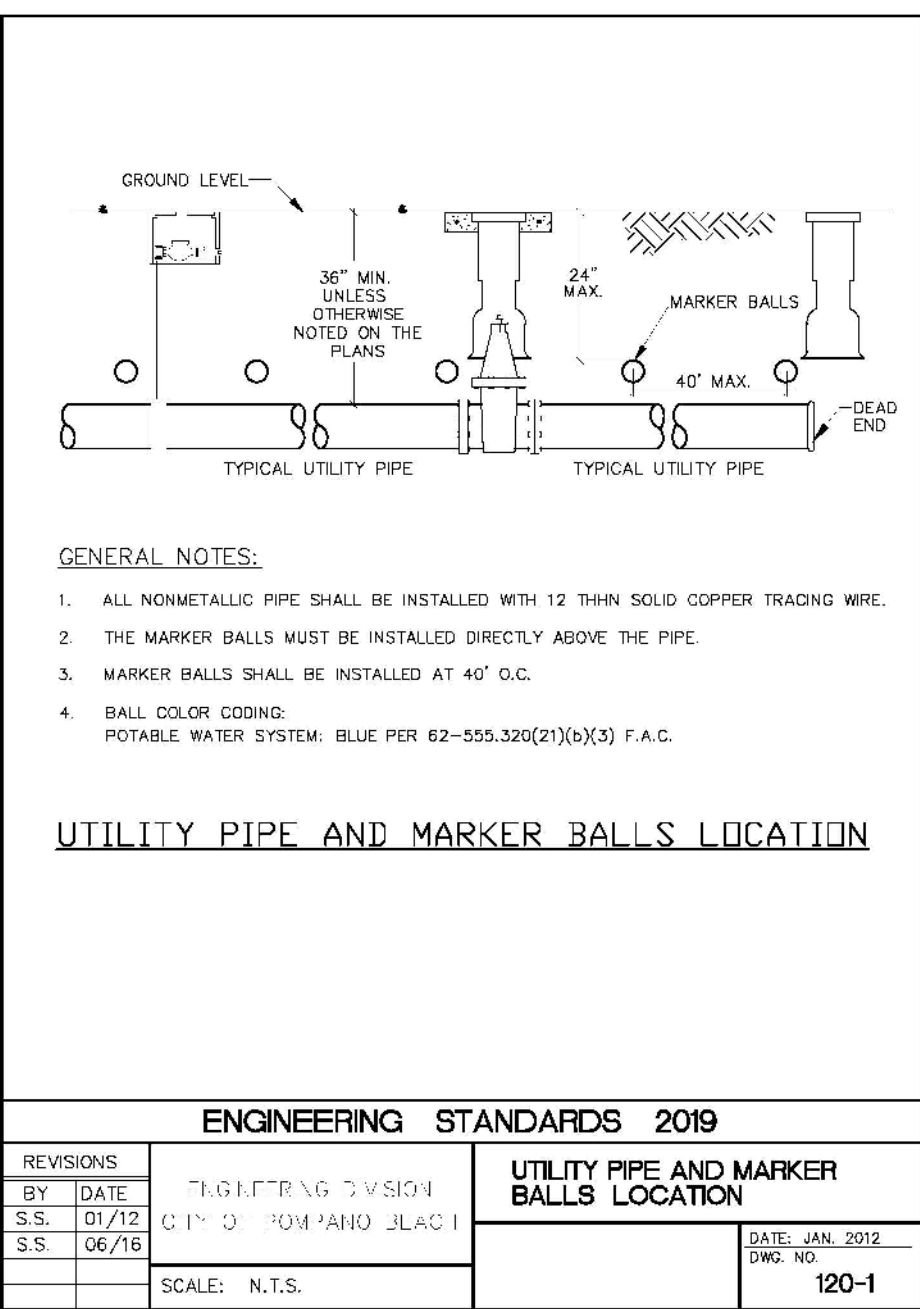
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WATER PIPE IDENTIFICATION

ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JAN. 2012 DWG. NO. 119-1

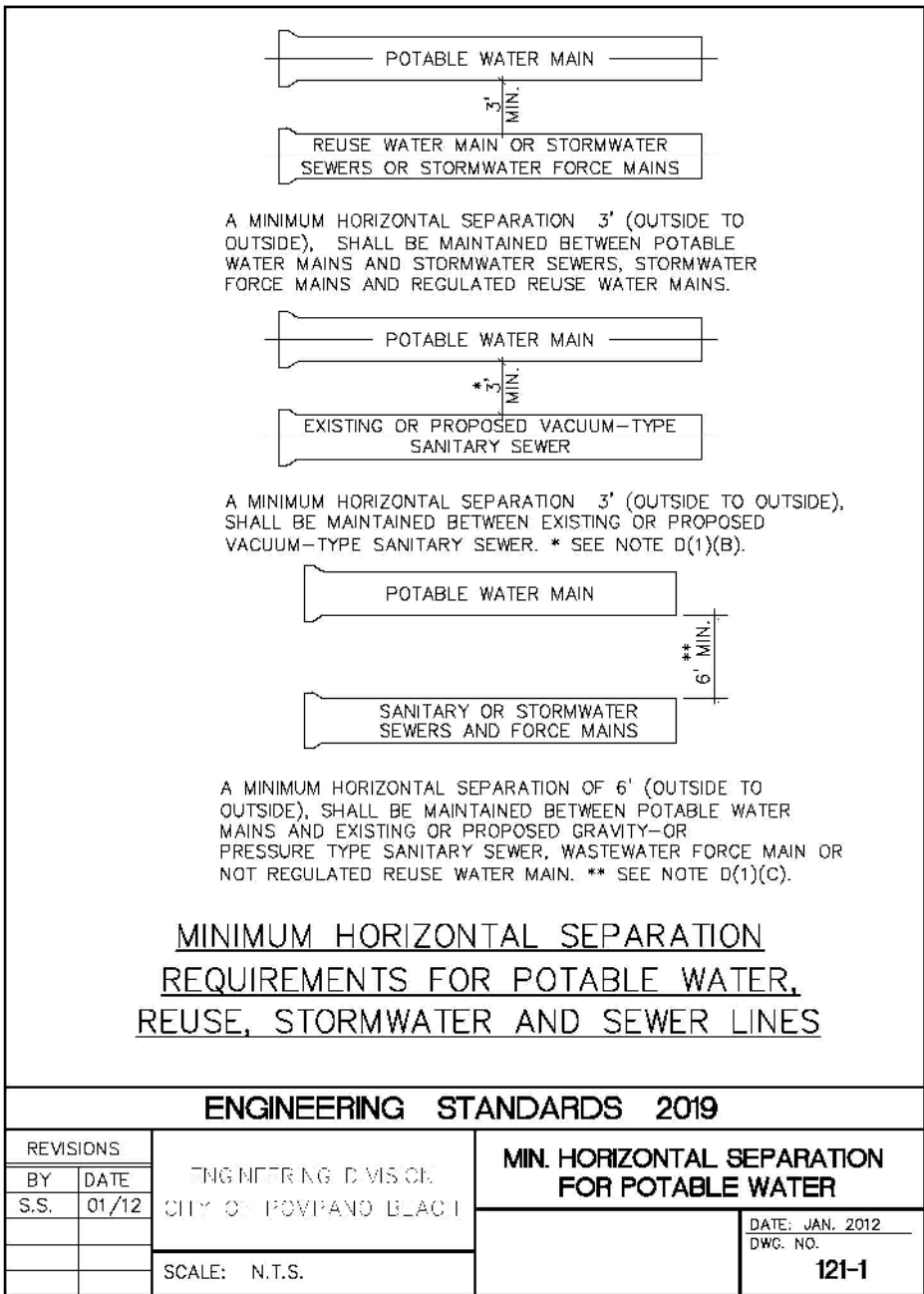
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UTILITY PIPE AND MARKER BALLS LOCATION

ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JAN. 2012 DWG. NO. 120-1

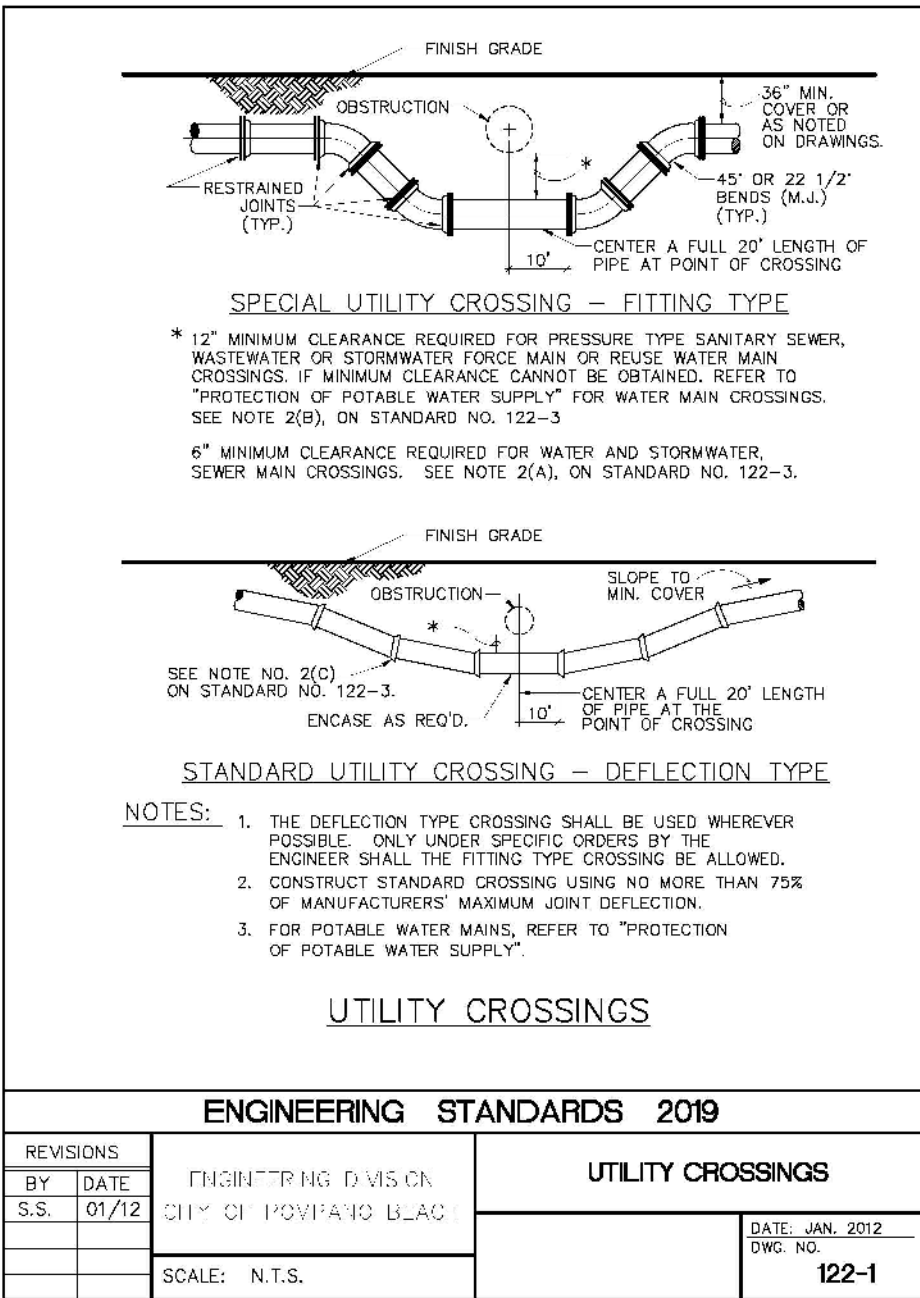
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MINIMUM HORIZONTAL SEPARATION REQUIREMENTS FOR POTABLE WATER, REUSE, STORMWATER AND SEWER LINES

ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JAN. 2012 DWG. NO. 121-1

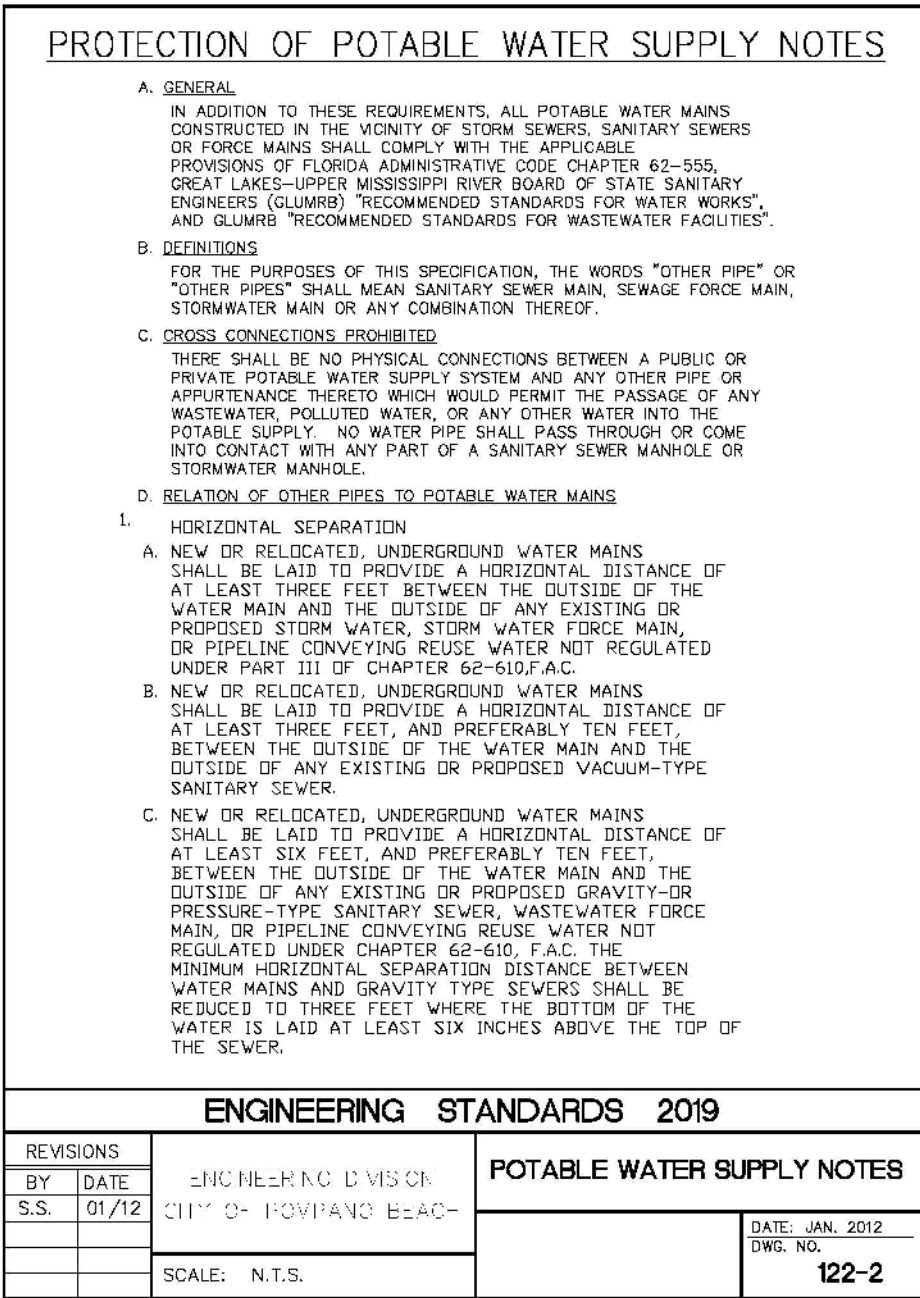
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UTILITY CROSSINGS

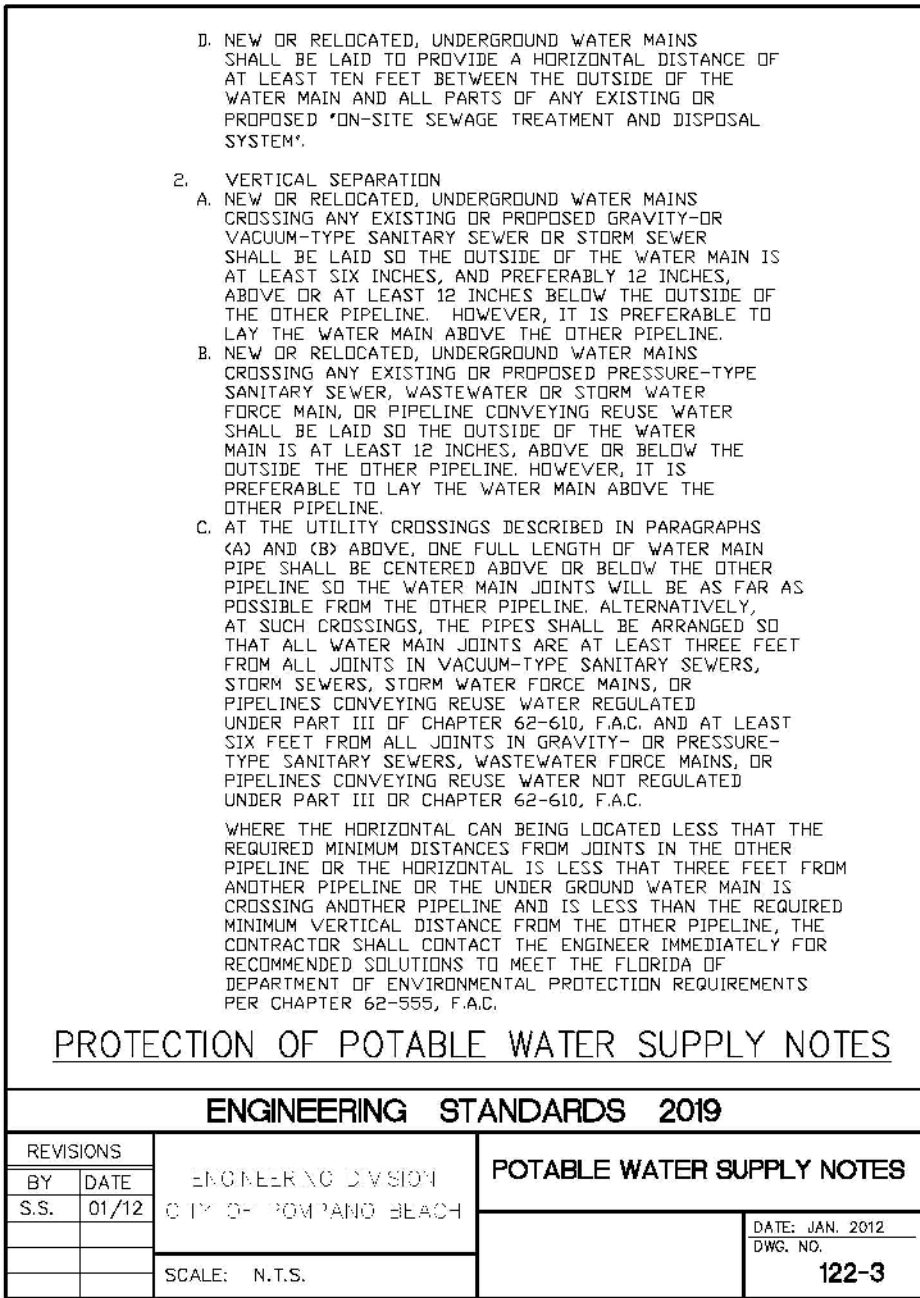
ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JAN. 2012 DWG. NO. 122-1

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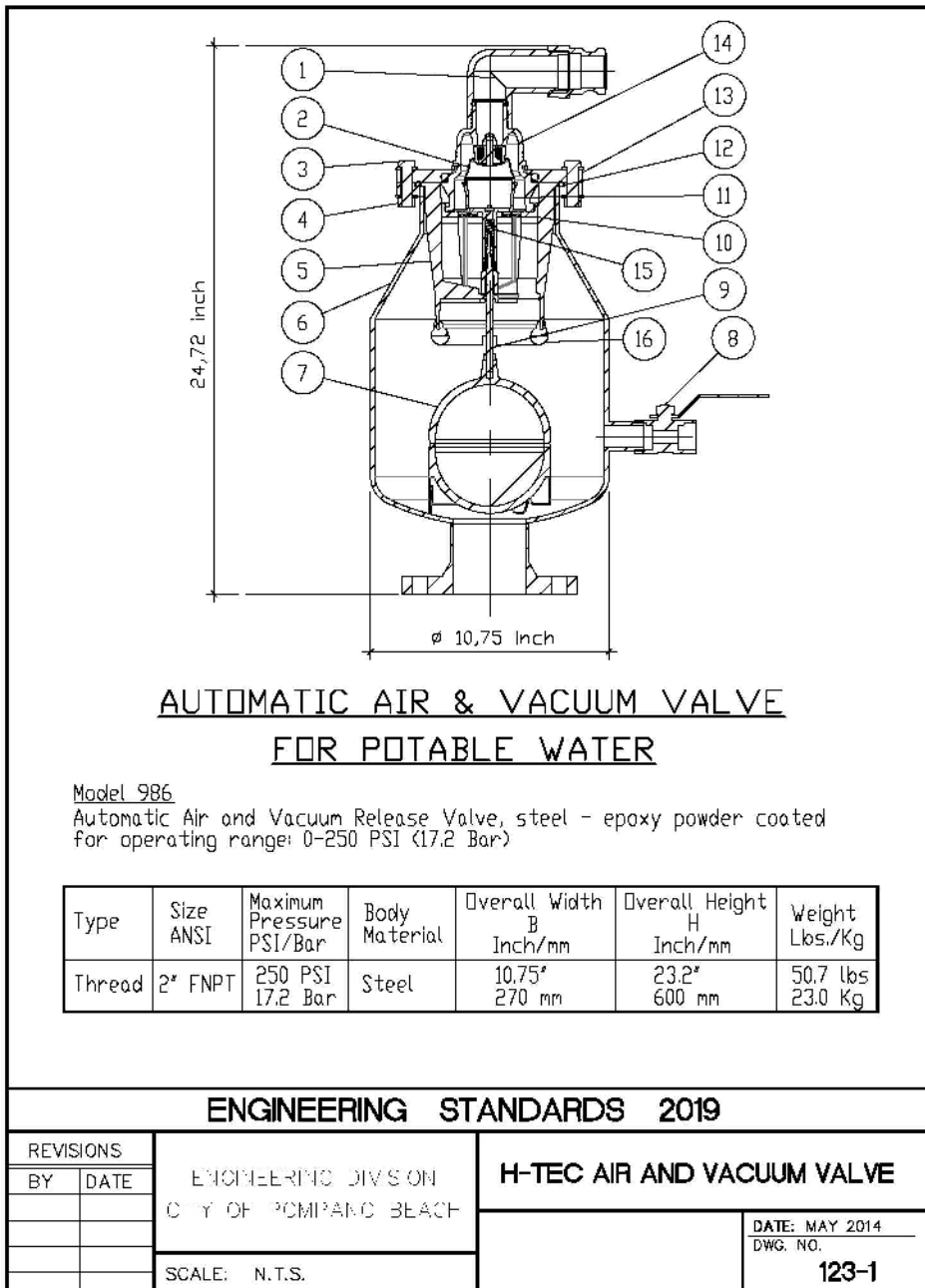
ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JAN. 2012 DWG. NO. 122-2

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ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JAN. 2012 DWG. NO. 122-3

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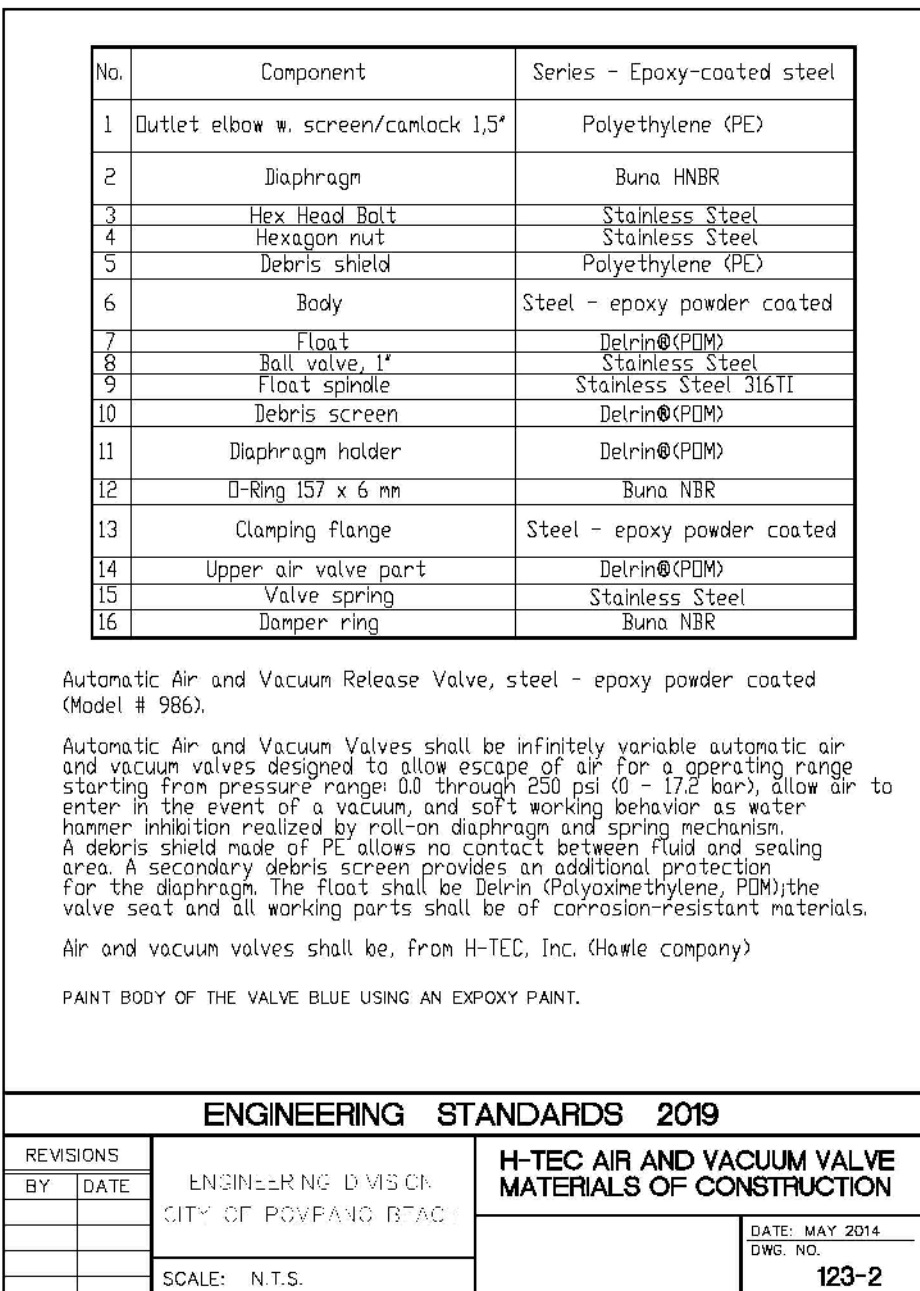
AUTOMATIC AIR & VACUUM VALVE FOR POTABLE WATER

Model 986
Automatic Air and Vacuum Release Valve, steel - epoxy powder coated
for operating range 0-250 PSI (1/2 Bar)

Type	Size ANSI	Maximum Pressure PSI/Bar	Body Material	Overall Width B Inch/mm	Overall Height H Inch/mm	Weight Lbs./Kg
Thread	2" FNPT	250 PSI 17.2 Bar	Steel	10.75" 270 mm	23.2" 600 mm	50.7 lbs 23.0 Kg

ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: MAY 2014 DWG. NO. 123-1

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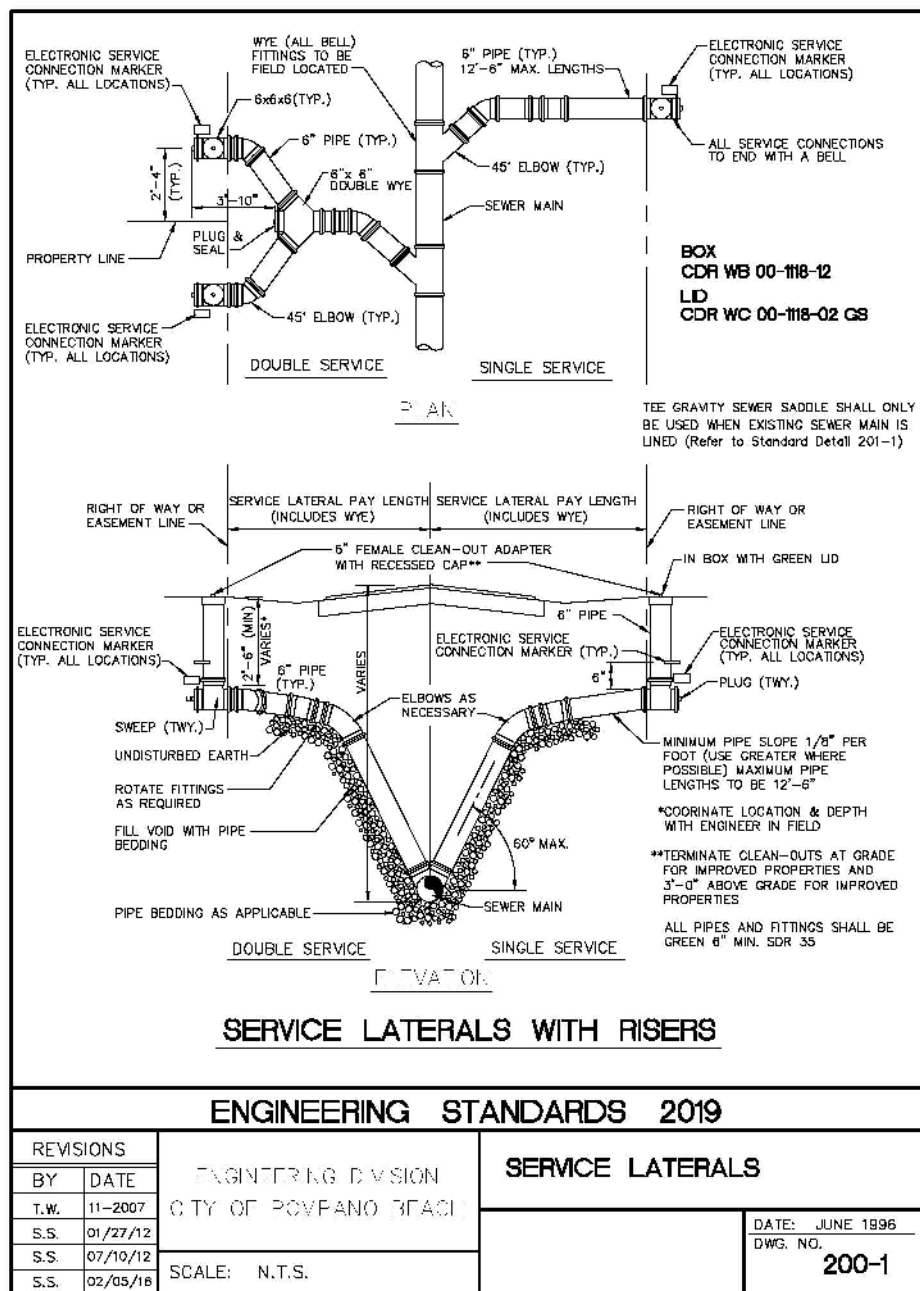
AUTOMATIC AIR AND VACUUM RELEASE VALVE, steel - epoxy powder coated (Model # 986).

Automatic Air and Vacuum Valves shall be infinitely variable automatic air and vacuum valves designed to allow escape of air for a operating range starting from pressure range 0.0 through 250 psi (0 - 17.2 bar), allow air to enter in the event of a vacuum, and soft working behavior as water hammer inhibition realized by roll-on diaphragm and spring mechanism. A debris shield made of PE allows no contact between fluid and sealing area. A secondary debris screen provides an additional protection for the diaphragm. The float shall be Delrin (Polyoxymethylene, POM) the valve seat and all working parts shall be of corrosion-resistant materials.

Air and vacuum valves shall be, from H-TEC, Inc. (flowable company)
PAINT BODY OF THE VALVE BLUE USING AN EPOXY PAINT.

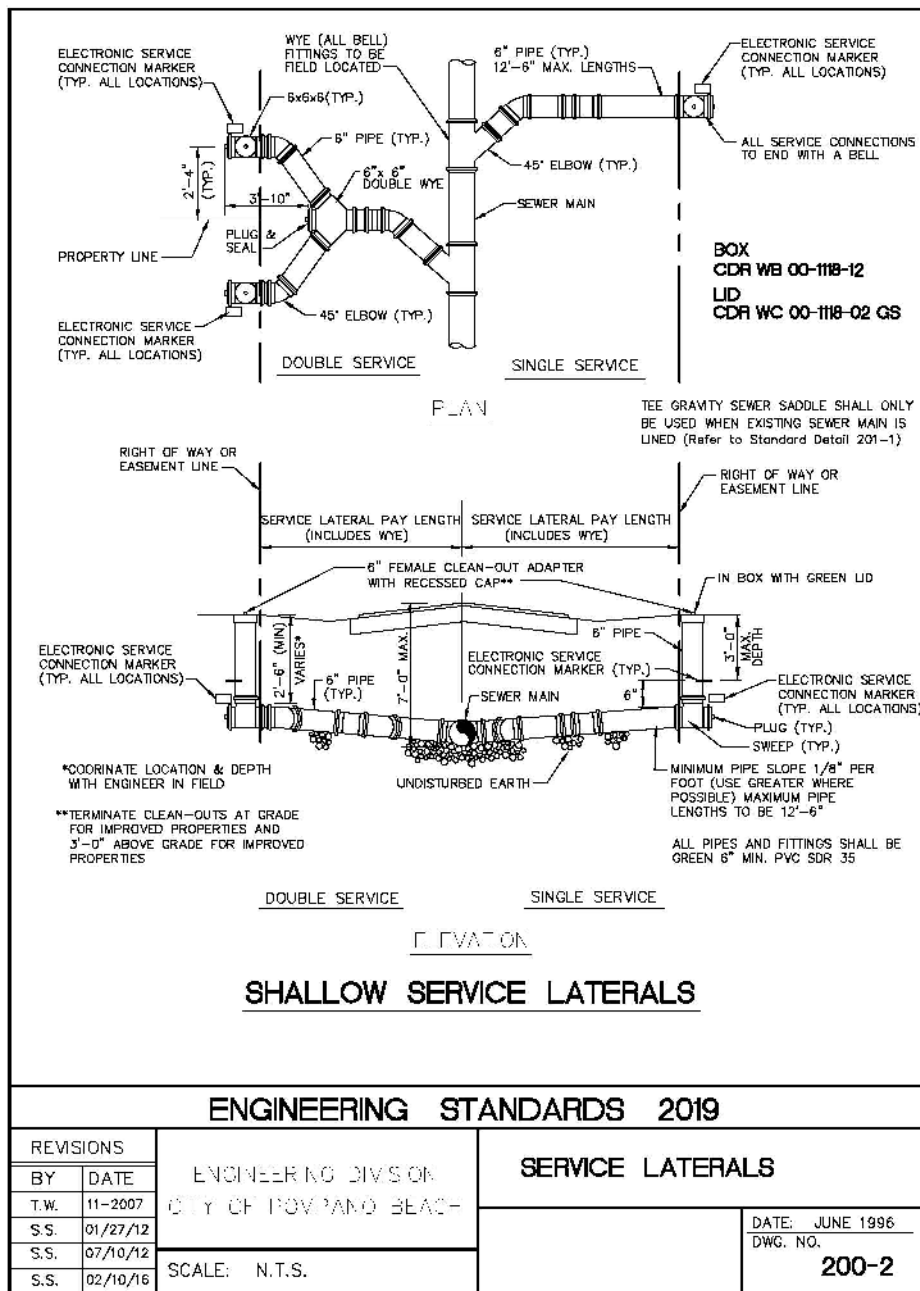
ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: MAY 2014 DWG. NO. 123-2

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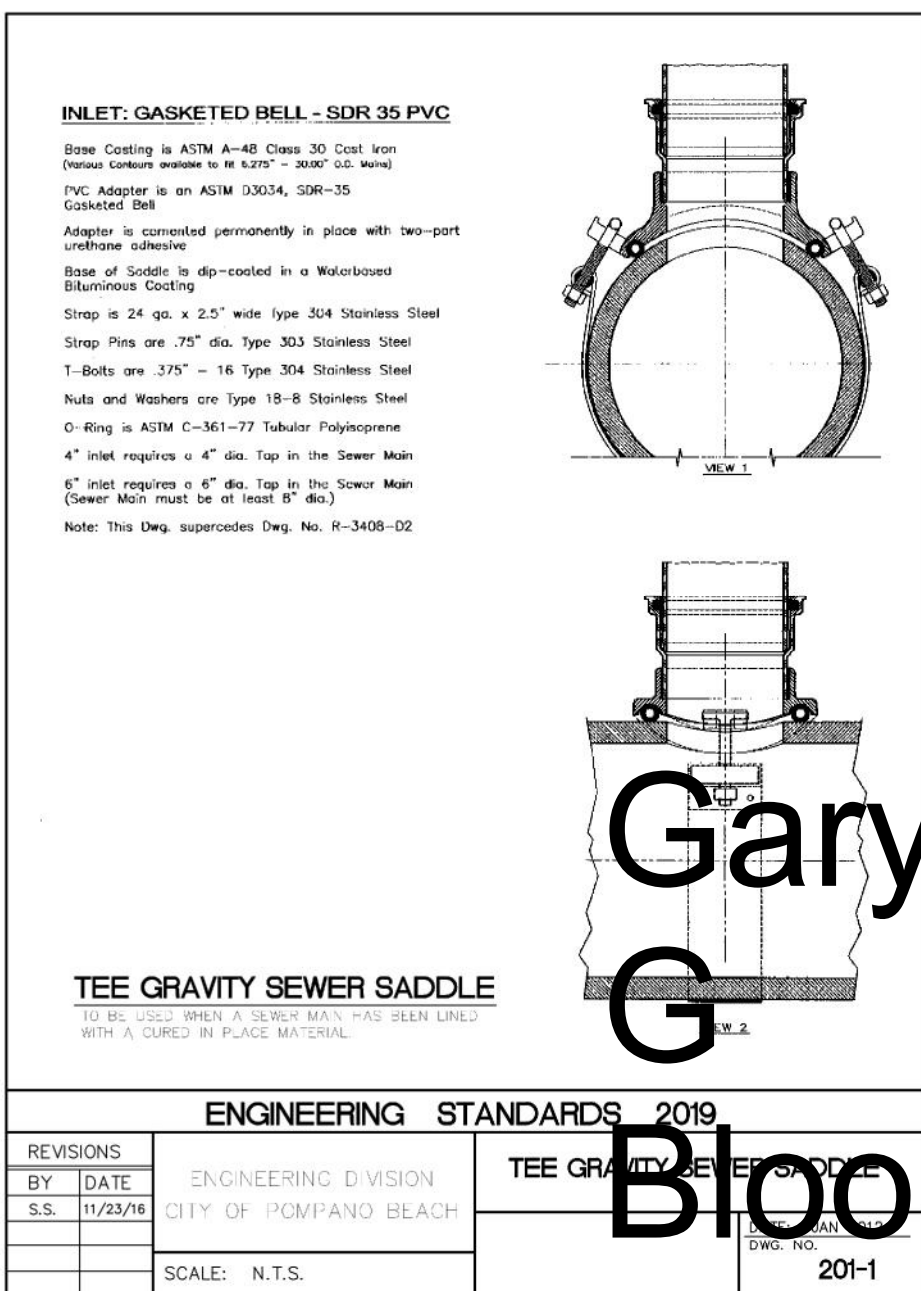
ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JUNE 1996 DWG. NO. 200-1

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ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JUNE 1996 DWG. NO. 200-2

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ENGINEERING STANDARDS 2019			
REVISIONS	BY	DATE	DESCRIPTION
1	SS	01/12	ENGINEERING DIVISION
2	SS	06/16	CITY OF POMPANO BEACH
SCALE: N.T.S.			DATE: JUNE 1996 DWG. NO. 201-1

Digitally signed by
Gary G Bloom
DN: cn=Gary G
Bloom c=US o=GGB
ENGINEERING
ou=A01410D000001
75AEF0DBE8000063
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Reason: I am the
author of this
document
Location:
Date: 2021-08-11
13:39:00

REVISIONS:

1
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3
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7
8

CLIENT:

D&P Design and Construction LLC
10704 NW 21st Place
Coral Springs, Florida 33071

PROJECT:

554 North Riverside Drive
POMPANO BEACH
FLORIDA

TASK:

CONSTRUCTION DETAILS

GGB Engineering, Inc.

CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS
• CONSTRUCTION MANAGERS
FLORIDA REGISTRATION NO. 8118
2899 Stirling Road, Suite C-202
Fort Lauderdale, Florida 33312
Phone: (954) 986-9899
Fax: (954) 986-8655

DATE:

July 2021

SCALE:

N.T.S.

DESIGNED BY:

G.C.B.

DRAWN BY:

M.M.

PROJECT NO.

21-0714

SHEET

C-006.1

DATE:

2021-08-11

TIME:

13:39:00

STATE OF FLORIDA

SEAL OF THE STATE ENGINEER

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PZ21-12000019
10/20/2021