

GENERAL NOTES:

- ALL UTILITY PIPE SHALL BE INSTALLED WITH 4" MARKING BALLS PLACED EVERY 4' AND AT LEAST 1' FROM THE END OF THE PIPE. THE PIPE IS TO BE MARKED AT A MAXIMUM DEPTH OF 24 INCHES OR AS APPROVED BY THE OWNER. IT SHALL BE COLOR CODED AND MARKED AS FOLLOWS:

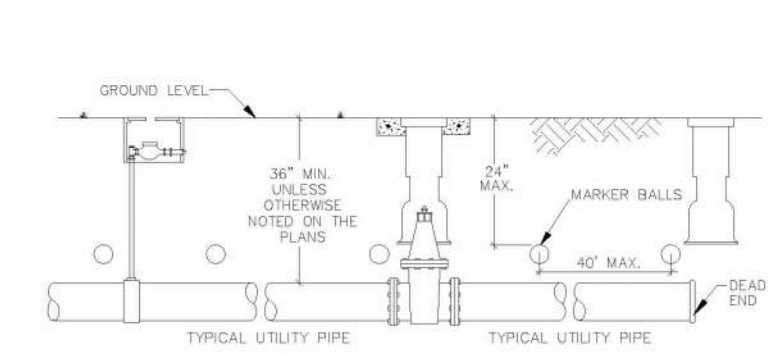
- POTABLE WATER:
A. COLOR: BLUE PER 62-555.3302(1)(V)(3) F.A.C.
B. LETTERING: WATER
C. FREQUENCY OF MARKER BALLS SHALL BE 145.7 KHZ.
D. THE MARKER BALLS CAN BE BURIED IN ANY ORIENTATION.

THE MARKER BALLS SHALL BE DETECTABLE BY STANDARD METAL DETECTION EQUIPMENT AND SHALL BE MANUFACTURED BY TBMCO OR 3M LOCATOR SYSTEM OR EQUIVALENT (FREQUENCY 145.7 KHZ.)

- FOR LARGE DIAMETER PIPE INSTALLED AT DEPTHS BELOW 4'-0" MARKER BALLS SHALL BE PLACED AT A MAXIMUM DEPTH OF 4'-0" BELOW GRADE.

WATER PIPE IDENTIFICATION

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	WATER PIPE IDENTIFICATION
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		119-1

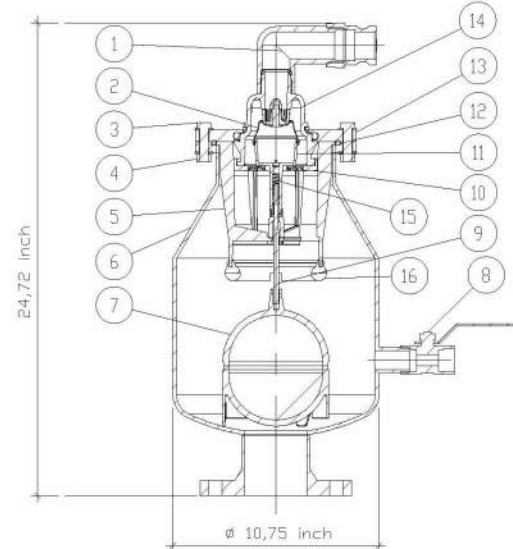


GENERAL NOTES:

- ALL NONMETAL PIPE SHALL BE INSTALLED WITH 13 THIN SOLID COPPER TRACING WIRE.
- THE MARKER BALLS MUST BE INSTALLED DIRECTLY ABOVE THE PIPE.
- MARKER BALLS SHALL BE INSTALLED AT 40' O.C.
- ALL BALL COLOR CODING: BLUE PER 62-555.3302(1)(V)(3) F.A.C.
- ALL BALL COLOR CODING: BLUE PER 62-555.3302(1)(V)(3) F.A.C.

UTILITY PIPE AND MARKER BALLS LOCATION

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	UTILITY PIPE AND MARKER BALLS LOCATION
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		120-1



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 (172 Bar)

Type	Size (in)	Material	Overall Width (in)	Overall Height (in)	Weight (Lbs/Kg)
Thread	1/2"	Steel	10.75"	23.25"	56.7 Lbs / 25.6 Kg

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	H-TEC AIR AND VACUUM VALVE
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: MAY 2022		
ENG. NO.		123-1

No.	Component	Series - Epoxy-coated steel
1	Outlet elbow w/ screen/canlock 1.5"	Polyethylene (PE)
2	Diaphragm	Buna NBR
3	Hex Head Bolt	Stainless Steel
4	Hex Head Nut	Stainless Steel
5	Washer 3/16"	Polyethylene (PE)
6	Body	Steel - epoxy powder coated
7	Flange	Buna NBR
8	Flange Nut	Stainless Steel
9	Flange Washer	Stainless Steel 304
10	Debris screen	Buna NBR
11	Diaphragm holder	Buna NBR
12	O-ring 1/2" x 5/16"	Steel - epoxy powder coated
13	Clamping flange	Steel - epoxy powder coated
14	Clamping flange part	Buna NBR
15	Valve spring	Stainless Steel
16	Diaphragm ring	Buna NBR

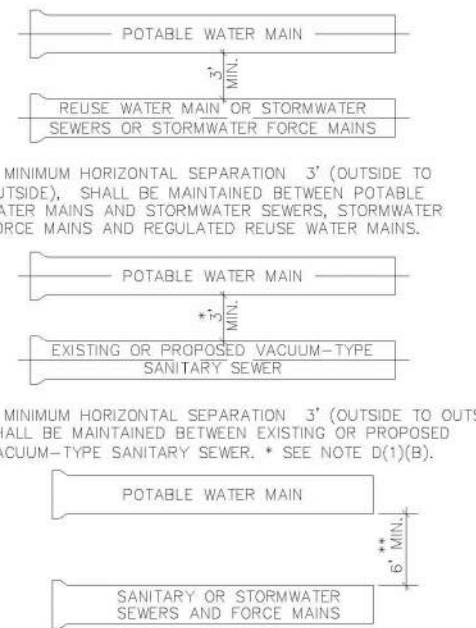
Automatic Air and Vacuum Release Valve, steel - epoxy powder coated Model # 986.

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 through 250 psi (0 - 172 bar). Blow air to enter in the event of a vacuum and soft spring behavior as water hammer inhibition realized by roll-on diaphragm and spring mechanism. A debris should make of 1/2" screen to contact between fluid and sealing gasket. A secondary debris screen provides additional protection for the diaphragm. The flange shall be 304 stainless steel. The valve seat and all working parts shall be of corrosion-resistant materials.

Air and vacuum valves shall be, Fran H-TEC, Inc. (Hiale city)

PART BODY OF THE VALVE BLIND USING AN EPOXY PAINT.

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	H-TEC AIR AND VACUUM VALVE MATERIALS OF CONSTRUCTION
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: MAY 2022		
ENG. NO.		123-2

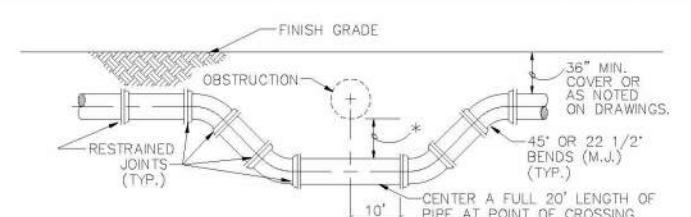


A MINIMUM HORIZONTAL SEPARATION 3' (OUTSIDE TO OUTSIDE) SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORMWATER SEWERS, STORMWATER FORCE MAINS AND REGULATED REUSE WATER MAINS.

A MINIMUM HORIZONTAL SEPARATION 3' (OUTSIDE TO OUTSIDE) SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND EXISTING OR PROPOSED GRAVITY-OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR NOT REGULATED REUSE WATER MAIN. ** SEE NOTE D(1)(B).

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

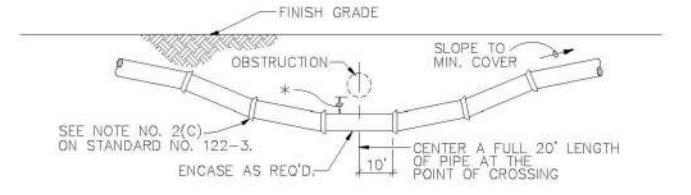
ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	MIN. HORIZONTAL SEPARATION FOR POTABLE WATER
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		121-1



SPECIAL UTILITY CROSSING - FITTING TYPE

* 12' MINIMUM CLEARANCE REQUIRED FOR PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN OR REUSE WATER MAIN CROSSINGS, IN WHICH CLEARANCE CANNOT BE OBTAINED. REFER TO PROTECTION OF POTABLE WATER SUPPLY FOR WATER MAIN CROSSINGS. SEE NOTE 2(B), OR STANDARD NO. 122-3.

* 6' MINIMUM CLEARANCE REQUIRED FOR WATER AND STORMWATER, SEWER MAIN CROSSINGS. SEE NOTE 2(A), OR STANDARD NO. 122-3.



STANDARD UTILITY CROSSING - DEFLECTION TYPE

NOTES: 1. THE DEFLECTION TYPE CROSSING SHALL BE USED WHEREVER POSSIBLE. ONLY UNDER SPECIFIC CIRCUMSTANCES BY THE ENGINEER SHALL THE FITTING TYPE CROSSING BE ALLOWED.

2. CONSTRUCT STANDARD CROSSING USING NO MORE THAN 15% OF MANUFACTURER'S MAXIMUM JOINT DEFLECTION ALLOWED FOR POTABLE WATER SUPPLY.

UTILITY CROSSINGS

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	UTILITY CROSSINGS
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		122-1

PROTECTION OF POTABLE WATER SUPPLY NOTES

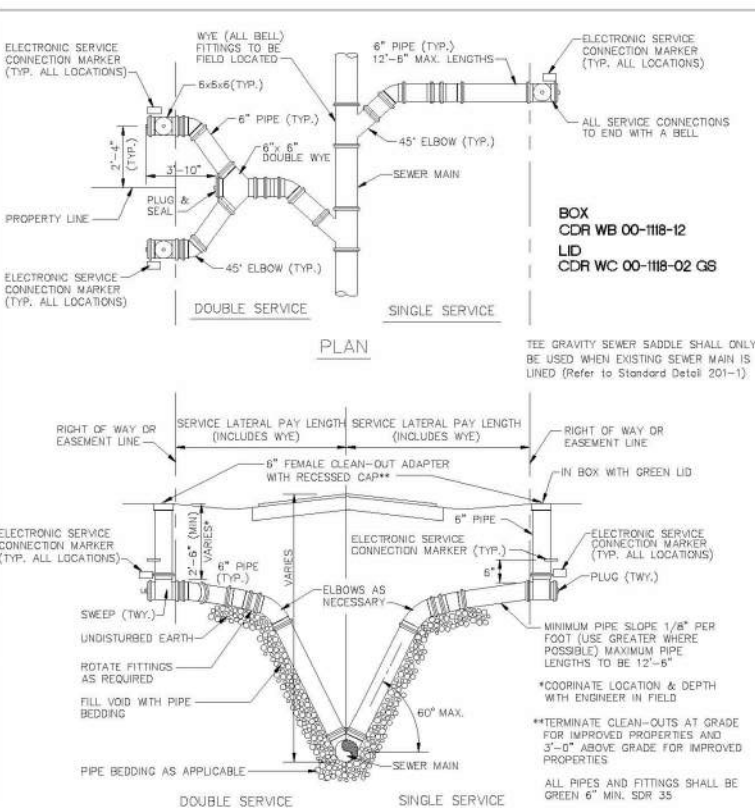
- GENERAL. IN ADDITION TO THESE REQUIREMENTS, ALL POTABLE WATER MAINS CONSTRUCTED IN THE VICINITY OF STORM SEWERS, SANITARY SEWERS OR FORCE MAINS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF FLORIDA ADMINISTRATIVE CODE CHAPTER 62-500, ENGINEERING (CLIMATE) "RECOMMENDED STANDARDS FOR WATER WORKS," AND CLIMATE "RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES."
- DEFINITIONS. FOR THE PURPOSES OF THIS SPECIFICATION, THE WORDS "OTHER PIPE" OR "OTHER SERVICE" SHALL MEAN SANITARY SEWER MAIN, SEWER FORCE MAIN, STORMWATER MAIN OR ANY OTHER PIPE OR SERVICE.
- CROSS CONNECTIONS PROHIBITED. THERE SHALL BE NO PHYSICAL CONNECTIONS BETWEEN A PUBLIC OR PRIVATE POTABLE WATER SUPPLY SYSTEM AND ANY OTHER PIPE OR SERVICE, INCLUDING WASTEWATER, STORMWATER, SEWER FORCE MAIN, OR PIPELINE CONVEYING REUSE WATER NOT REGULATED UNDER PART III OF CHAPTER 62-500, F.A.C.
- RELATION OF OTHER PIPES TO POTABLE WATER MAINS.
 - HORIZONTAL SEPARATION. A NEW OR RELOCATED UNDERGROUND WATER MAIN SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM WATER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING REUSE WATER NOT REGULATED UNDER PART III OF CHAPTER 62-500, F.A.C.
 - NEW OR RELOCATED UNDERGROUND WATER MAIN SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
 - NEW OR RELOCATED UNDERGROUND WATER MAIN SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR PIPELINE CONVEYING REUSE WATER NOT REGULATED UNDER CHAPTER 62-500, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	POTABLE WATER SUPPLY NOTES
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SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		122-2

- NEW OR RELOCATED UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY-OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID TO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY IS INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- NEW OR RELOCATED UNDERGROUND WATER MAIN CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING REUSE WATER NOT REGULATED UNDER PART III OF CHAPTER 62-500, F.A.C. SHALL BE LAID TO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY IS INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE. IN THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE SPACED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS OR PIPELINES CONVEYING REUSE WATER NOT REGULATED UNDER PART III OF CHAPTER 62-500, F.A.C. WHERE THE HORIZONTAL CAN BE LOCATED LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM ANOTHER PIPELINE OR THE UNDERGROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND IS LESS THAN THE REQUIRED MINIMUM HORIZONTAL DISTANCE FROM THE OTHER PIPELINE, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY FOR RECOMMENDED SOLUTIONS TO MEET THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS PER CHAPTER 62-500, F.A.C.

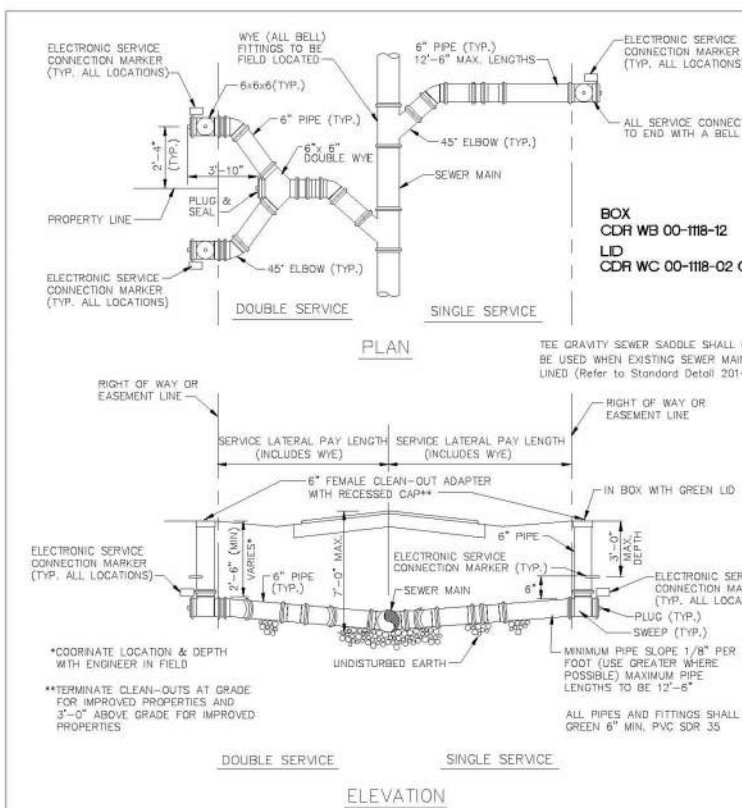
PROTECTION OF POTABLE WATER SUPPLY NOTES

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	POTABLE WATER SUPPLY NOTES
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		122-3



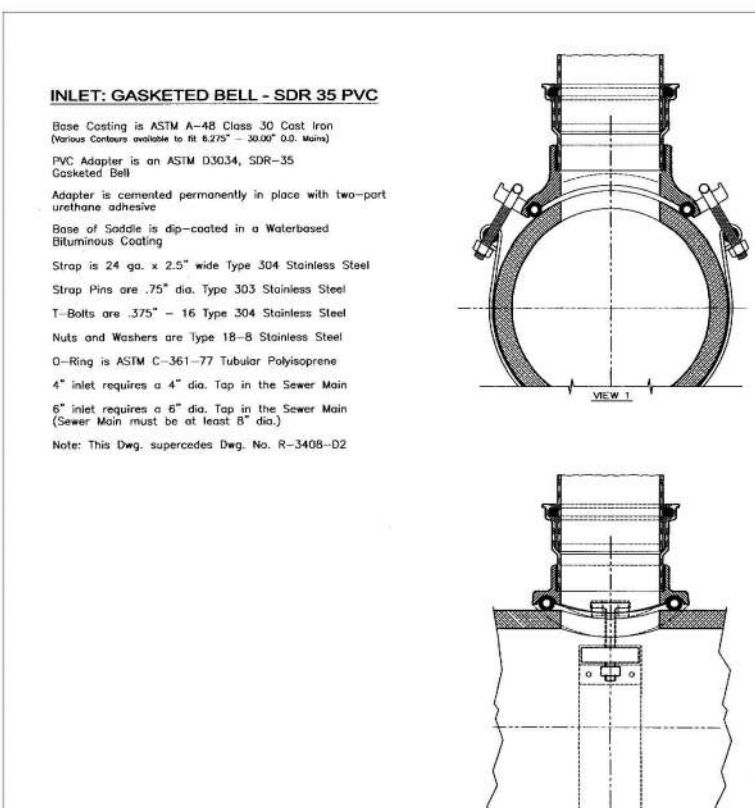
SERVICE LATERALS WITH RISERS

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	SERVICE LATERALS
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		200-1



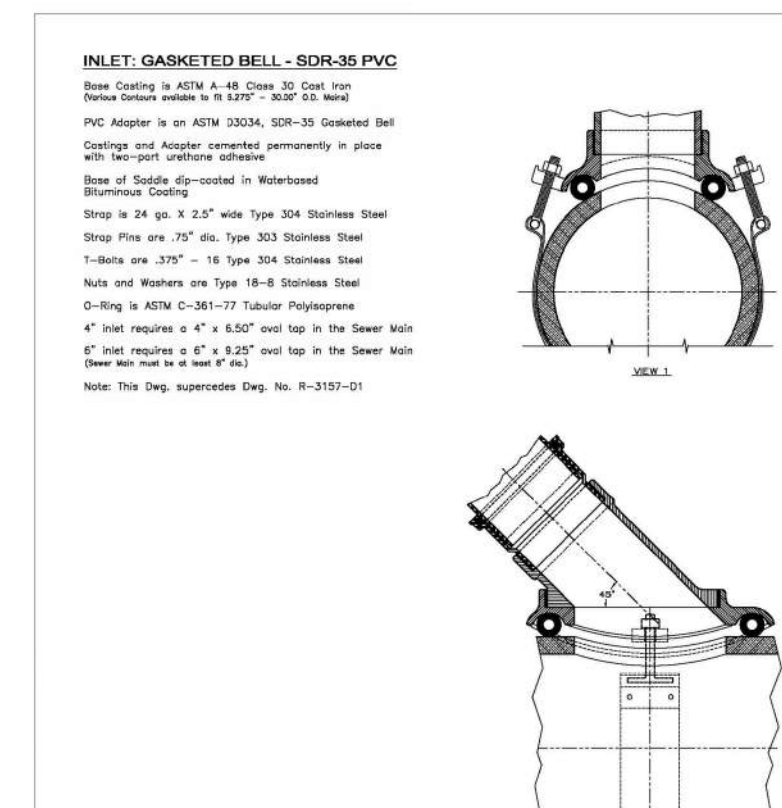
SHALLOW SERVICE LATERALS

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	SERVICE LATERALS
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		200-2



TEE GRAVITY SEWER SADDLE

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	TEE GRAVITY SEWER SADDLE
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		201-1



WYE GRAVITY SEWER SADDLE

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	WYE GRAVITY SEWER SADDLE
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		201-2

Adjustable Repair Coupling



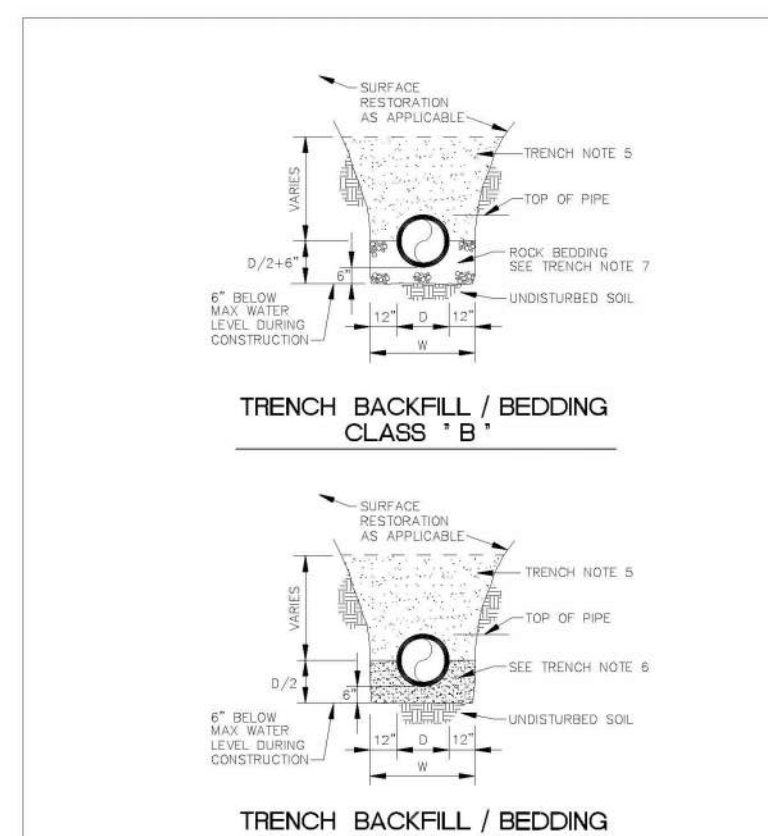
NOTES

- Synthetic rubber gasket is strong, durable and resistant to ultraviolet rays, ozone, fungus growth and normal sewer gases. More pliable and easier to install in cold weather applications than an Elastomeric PVC gasket.
- Sealing "O" rings under the clamp prevent pipe leakage and create a more positive seal.
- More transition couplings for dissimilar pipe types and sizes are comprised of a one-piece transition gasket, eliminating the use of bushings that are difficult to install and easy to lose on the job site.
- Surgical Grade 316 stainless steel Nut & Bolt clamps are corrosion resistant, providing outstanding protection in severe environments such as marine applications, poorly vented or moist soils, contaminated ground conditions (particularly industrial fill sites) and where the ground water contains chlorides, sulfates or bicarbonates. Increased band tension of the Nut & Bolt clamp ensures a leak-proof, rod-proof seal that is resistant to both intrusion and extrusion.
- Series 300 stainless steel shear band is the heaviest in the industry, over 33% thicker than the competition.
- Broadest range of couplings on the market in sizes ranging from 1 1/2" to 96" in diameter. Used for the alteration and rehabilitation of gravity-flow sewage pipes made of clay, cast iron, plastic, concrete, ductile iron, asbestos cement, fiber cement and truss pipe.

Installation: Turn and install stainless steel shielded sewer couplings, as manufactured by Mission Rubber Company. Coupling to meet ASTM C 1173. Gasket to meet ASTM C 425 Table 2, to be rubber and be environmentally certified. Series 300 stainless steel shear band with a minimum thickness of .012", surgical grade 316 stainless steel clamps with nut & bolt take up, shear ring and clamps to meet all requirements of ASTM A 308. All stainless steel parts and clamping mechanisms to be manufactured in the U.S.A. Transitional sizes to utilize a one-piece gasket.

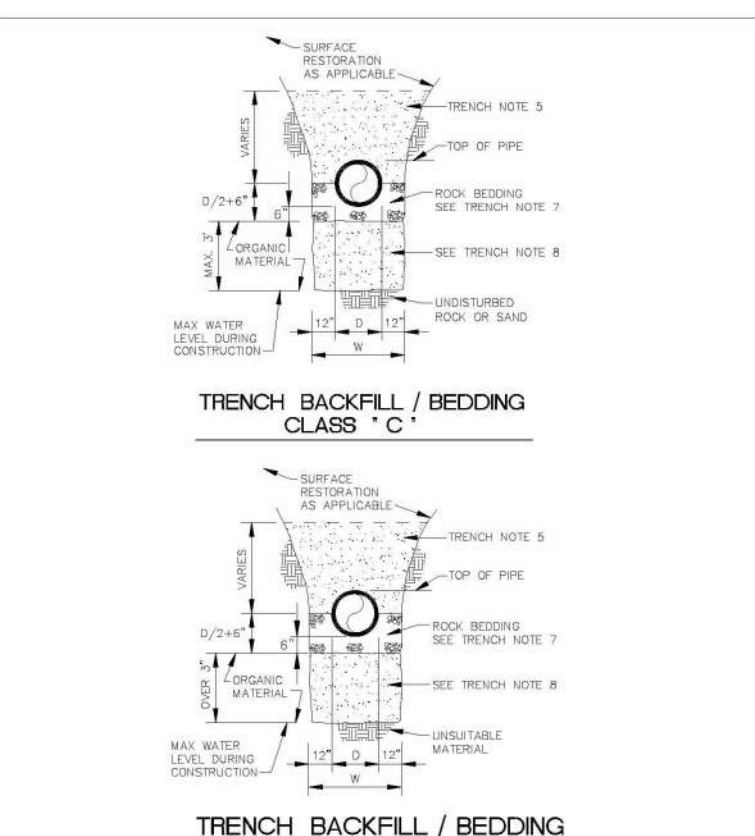
ADJUSTABLE REPAIR COUPLING PVC/CLAY NOTES

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	ADJUSTABLE REPAIR COUPLING
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: MAY 2022		
ENG. NO.		202-1



TRENCH BACKFILL / BEDDING CLASS "B"

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		203-1



TRENCH BACKFILL / BEDDING CLASS "C"

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		203-2

- OUTLINE OF TRENCH EXCAVATION IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL TRENCH WIDTH AND SHAPE WILL VARY WITH SOIL CONDITIONS. TRENCH EXCAVATION SHALL BE IN ACCORDANCE WITH THE FLORIDA TRENCH SAFETY ACT AND OSHA TRENCH SAFETY STANDARDS.
- TYPICAL TRENCH BACKFILL/BEDDING FOR WATER MAIN AND FORCE MAIN INSTALLATIONS SHALL BE CLASS "A" AS SHOWN IN DETAIL.
- TYPICAL TRENCH BACKFILL/BEDDING FOR GRAVITY SEWER INSTALLATION SHALL BE CLASS "B" AS SHOWN IN DETAIL.
- TRENCH BACKFILL/BEDDING CLASS "C" AND CLASS "D" SHALL BE USED FOR PIPE INSTALLATIONS WHERE UNSUITABLE TRENCH MATERIALS ARE ENCOUNTERED.
- TRENCH ZONE BACKFILL SHALL BE MATERIAL TYPE 1 OR TYPES A THRU H, OR ANY MIXTURE THEREOF, WHERE SURFACE RESTORATION TYPE "A" IS APPLICABLE. TRENCH ZONE BACKFILL SHALL BE PLACED IN 12" LIFTS, COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-697 (AASHTO T-99), WHERE SURFACE RESTORATION TYPES "A", "C", "D", "E", "F" AND "G" ARE APPLICABLE. TRENCH BACKFILL SHALL BE PLACED IN 8" LIFTS COMPACTED TO 95% OF THE MATERIAL'S DENSITY AS DETERMINED BY ASTM D-1557 (AASHTO T-99).
- BEDDING MATERIAL FOR TYPICAL WATER MAIN AND FORCE MAIN INSTALLATION SHALL BE TYPE C. BEDDING SHALL BE COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (AASHTO T-99).
- BEDDING MATERIAL FOR TYPICAL GRAVITY SEWER INSTALLATION AND ANY INSTALLATION WHERE UNSUITABLE TRENCH BOTTOM CONDITIONS ARE FOUND SHALL BE TYPE E. BEDDING SHALL BE PLACED IN LIFTS NOT TO EXCEED 4" AND COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (AASHTO T-99).
- UNSATURABLE MATERIAL SHALL BE REMOVED TO UNDISTURBED ROCK OR SAND OR TO DEPTH AS SPECIFIED BY ENGINEER. BACKFILL MATERIAL SHALL BE TYPE C. BACKFILL SHALL BE PLACED IN 8" LIFTS COMPACTED TO 95% OF THE MATERIAL'S MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (AASHTO T-99).

TRENCH BACKFILL / BEDDING NOTES

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		203-3

- BEDDING TYPES - THE FOLLOWING TYPES OF SUITABLE MATERIALS ARE DESIGNATED AND DEFINED AS FOLLOWING:
 - TYPE A: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 1/2" INCH SEIVE AND A SAND EQUIVALENT VALUE NOT LESS THAN 100.
 - TYPE B: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A 1/2" INCH SEIVE AND A SAND EQUIVALENT VALUE NOT LESS THAN 50.
 - TYPE C: SAND WITH 100 PERCENT PASSING A 3/8" INCH SEIVE, AT LEAST 80 PERCENT PASSING A NUMBER 4 SEIVE, AND A SAND EQUIVALENT VALUE NOT LESS THAN 30.
 - TYPE D: CRUSHED LIMEROCK WITH 100 PERCENT PASSING A 1" INCH SEIVE AND NOT MORE THAN 10 PERCENT A NUMBER 4 SEIVE.
 - TYPE E: CRUSHED LIMEROCK OR SAND WITH 100 PERCENT PASSING A NUMBER 4 SEIVE AND NOT MORE THAN 10 PERCENT PASSING A NUMBER 10 SEIVE.
 - TYPE F: CRUSHED LIMEROCK MEETING THE FOLLOWING GRADATION REQUIREMENTS:

SEIVE SIZE	PERCENTAGE PASSING
2 INCH	100
1 1/2 INCH	90-100
1 INCH	70-90
3/4 INCH	50-70
NO. 200	0-15

TRENCH BACKFILL / BEDDING NOTES

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	TRENCH BACKFILL / BEDDING
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 07/12		
S.S. 05/16		
SCALE: N.T.S.		
DATE: JAN 2022		
ENG. NO.		203-4

REVISIONS:

1. 2. 3. 4. 5. 6. 7. 8.

CLIENT:

LLR ARCHITECTS, INC.
9000 SHERIDAN STREET
SUITE 158
PEMBROKE PINES, FL, 33024

PROJECT:

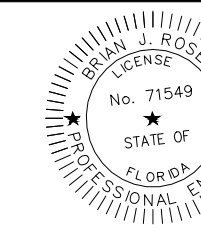
SW 3RD STREET
POMPAÑO BEACH
FLORIDA
TASK:

GGB Engineering
CIVIL AND FORENSIC ENGINEERS • LAND PLANNERS
• CONSTRUCTION MANAGERS
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DATE: FEB, 2025
DESIGNED BY: B.J.R.
SCALE: N.T.S.
DRAWN BY: A.R.

PROJECT NO. 25-0349

SHEET C-006.1



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