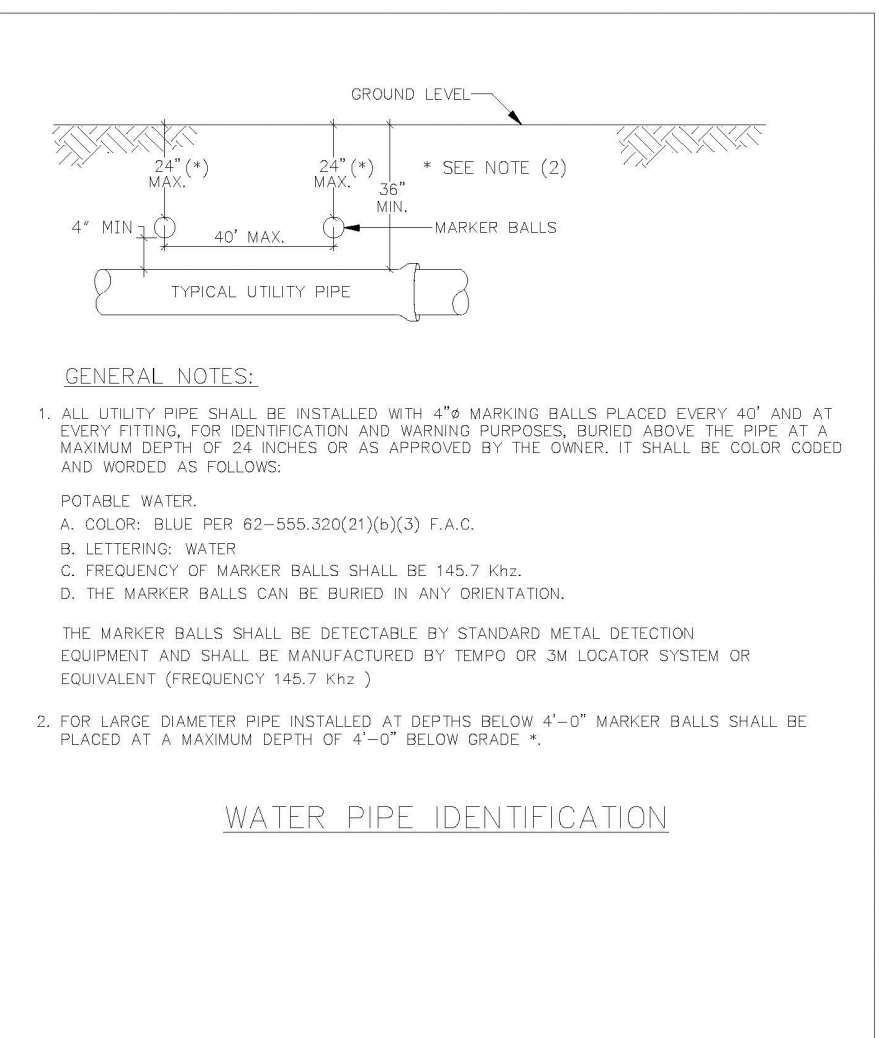


ENGINEERING STANDARDS 2022			
REVISIONS	ENGINEERING DIVISION	UNDERGROUND VALVE IDENTIFICATION MARKER	
BY DATE	CITY OF POMPAÑO BEACH		
S.S. JAN 2020			
T.W. 11-2021			
T.W. 02-2024			
S.S. 1-24-12	SCALE: N.T.S.	DATE: JAN 2022 DWG. NO.	115-1

PROTECTION OF POTABLE WATER SUPPLY NOTES

- A. GENERAL
IN ADDITION TO THESE REQUIREMENTS, ALL POTABLE WATER MAINS CONSTRUCTED IN THE MOUNTY OF STORM SEWERS, SANITARY SEWERS OR FORCE MAINS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF FLORIDA ADMINISTRATIVE CODE CHAPTER 62-555, GREAT LAKES-UPPER MISSISSIPPI RIVER BASINS OF STATE SANITARY ENGINEERS (GLUMBS) "RECOMMENDED STANDARDS FOR WATER WORKS", AND GLUMBS "RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES".
- B. DEFINITIONS
FOR THE PURPOSES OF THIS SPECIFICATION, THE WORDS "OTHER PIPE" OR "OTHER PIPES" SHALL MEAN SANITARY SEWER MAIN, SEWAGE FORCE MAIN, STORMWATER MAIN OR ANY COMBINATION THEREOF.
- C. CROSS CONNECTIONS PROHIBITED
THERE SHALL BE NO PHYSICAL CONNECTIONS BETWEEN A PUBLIC OR PRIVATE POTABLE WATER SUPPLY SYSTEM AND ANY OTHER PIPE OR APPURTENANCE THEREOF WHICH WOULD PERMIT THE PASSAGE OF ANY WASTEWATER, POLLUTED WATER, OR ANY OTHER WATER INTO THE POTABLE SUPPLY. NO WATER PIPE SHALL PASS THROUGH OR COME INTO CONTACT WITH ANY PART OF A SANITARY SEWER MANHOLE OR STORMWATER MANHOLE.
- D. ISOLATION OF OTHER PIPES TO POTABLE WATER MAINS
1. HORIZONTAL SEPARATION
A. NEW OR RELOCATED, UNDERGROUND WATER MAINS 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 62-610.F.A.C.
- B. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
- C. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN 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 62-610.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.

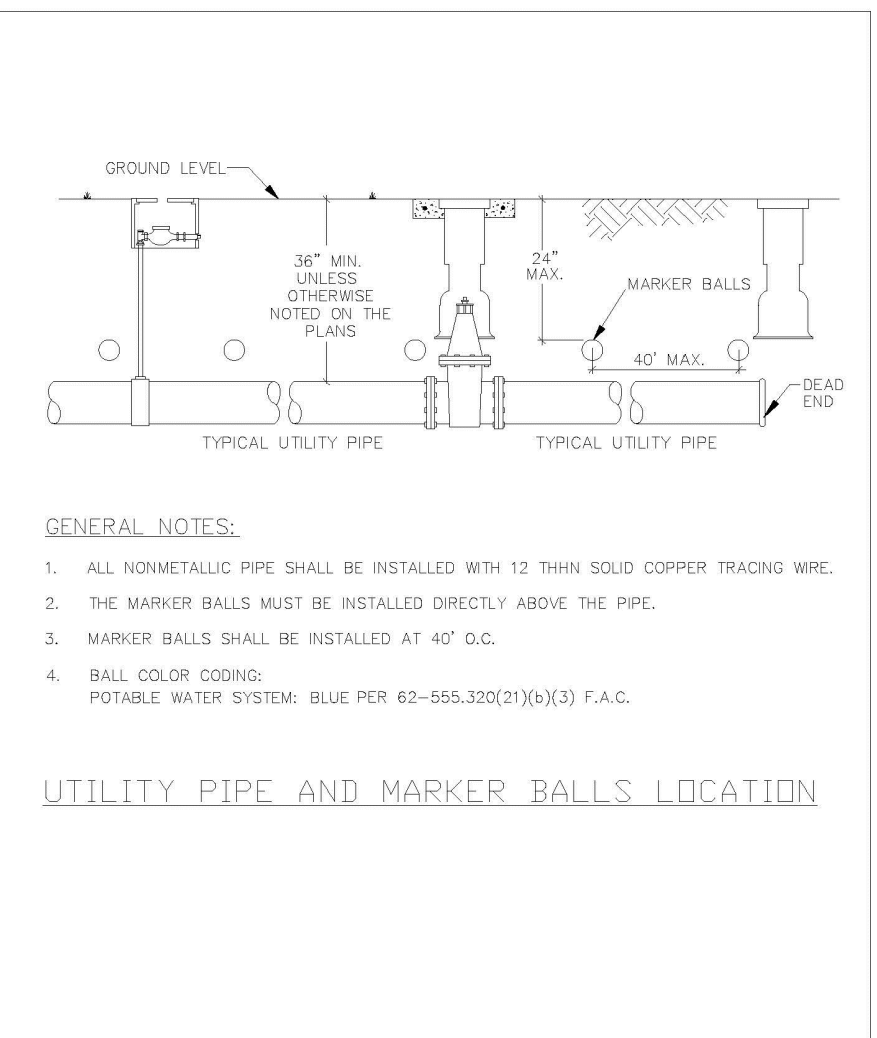
ENGINEERING STANDARDS 2022			
REVISIONS	ENGINEERING DIVISION	POTABLE WATER SUPPLY NOTES	
BY DATE	CITY OF POMPAÑO BEACH		
S.S. 07/12			
	SCALE: N.T.S.	DATE: JAN 2022 DWG. NO.	122-2



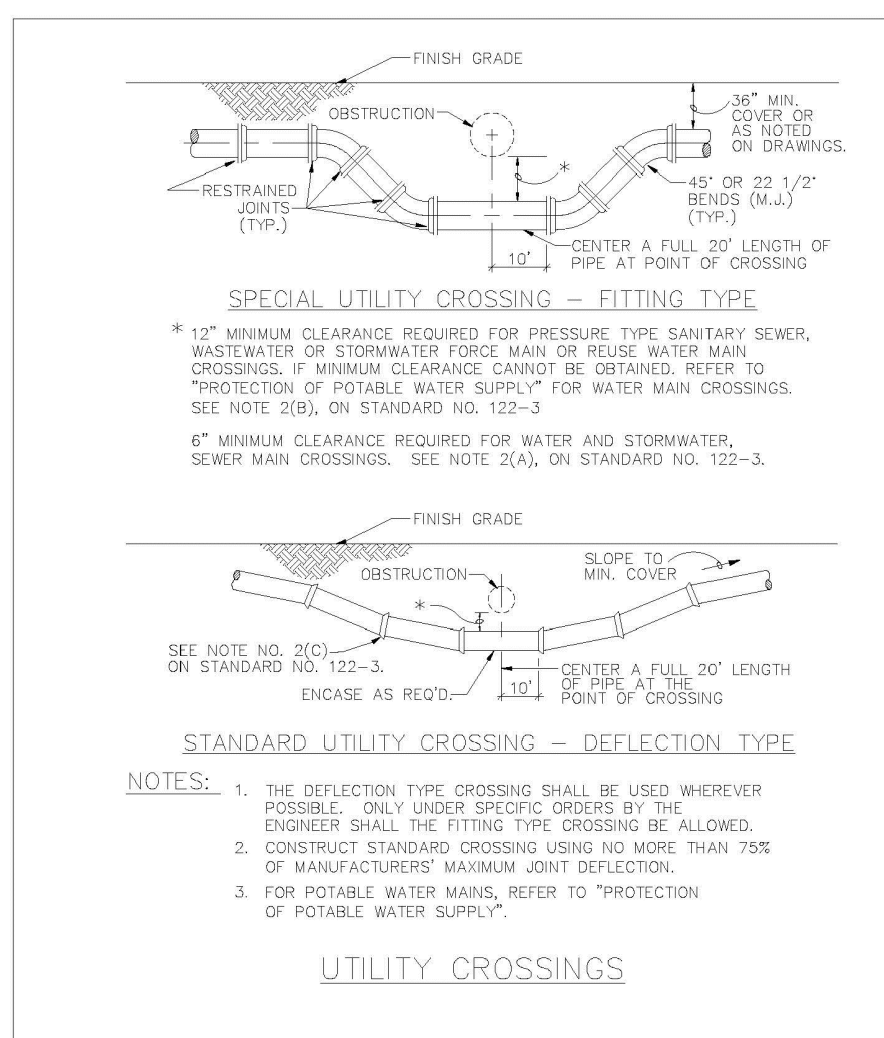
ENGINEERING STANDARDS 2022			
REVISIONS	ENGINEERING DIVISION	WATER PIPE IDENTIFICATION	
BY DATE	CITY OF POMPAÑO BEACH		
S.S. 07/12			
S.S. 06/16			
	SCALE: N.T.S.	DATE: JAN 2022 DWG. NO.	119-1

- B. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM".
- D. VERTICAL SEPARATION
A. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY-OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY TEN FEET, ABOVE OR AT LEAST TEN INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
B. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING REUSE WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST TEN INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
C. AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, THE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORM WATER FORCE MAINS, OR PIPELINES CONVEYING REUSE WATER REGULATED UNDER PART III OF CHAPTER 62-610.F.A.C. AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY-OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING REUSE WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610.F.A.C. WHERE THE HORIZONTAL CAN BE LOCATED LESS THAN THE REQUIRED MINIMUM DISTANCES FROM JOINTS IN THE OTHER PIPELINE OR THE HORIZONTAL IS LESS THAN THREE FEET FROM ANOTHER PIPELINE OR THE UNDER GROUND WATER MAIN IS CROSSING ANOTHER PIPELINE AND IS LESS THAN THE REQUIRED MINIMUM VERTICAL 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 62-555, F.A.C.

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

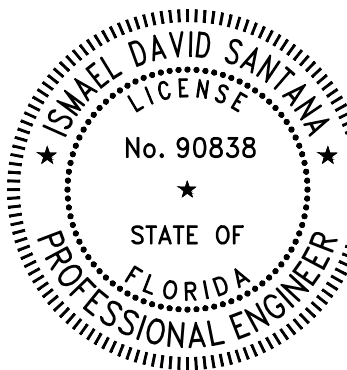


ENGINEERING STANDARDS 2022			
REVISIONS	ENGINEERING DIVISION	UTILITY PIPE AND MARKER BALLS LOCATION	
BY DATE	CITY OF POMPAÑO BEACH		
S.S. 07/12			
S.S. 06/16			
	SCALE: N.T.S.	DATE: JAN 2022 DWG. NO.	120-1



ENGINEERING STANDARDS 2022			
REVISIONS	ENGINEERING DIVISION	UTILITY CROSSINGS	
BY DATE	CITY OF POMPAÑO BEACH		
S.S. 07/12			
S.S. 06/16			
	SCALE: N.T.S.	DATE: JAN 2022 DWG. NO.	122-1

THINKQ ENGINEERING, LLC
PROFESSIONAL ENGINEER
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5226 SW 139th PLACE MIAMI, FLORIDA 33175
MOBILE: (786) 491-8545



APPROVED: _____ DATE: _____
FLA. REGISTRATION NO. ISMAEL DAVID SANTANA, P.E. 90838
1/31/2025

This item has been digitally signed and sealed by Ismael David Santana, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

REVISIONS:		

SHEET NAME:

WATER & SEWER DETAILS

SHEET NUMBER:

C-2.3

PROJECT NAME:

RIVERSIDE

PROJECT ADDRESS:

3214 SE 11TH STREET,
POMPAÑO BEACH, FLORIDA 33062

PROJECT No.:	24-008
DRAWN & DESIGN:	JLG & JLG
CHECKED:	IDS
SUB. DATE:	12/23/2024

DRC

P225-12000005

03/05/2025