

GENERAL NOTES:

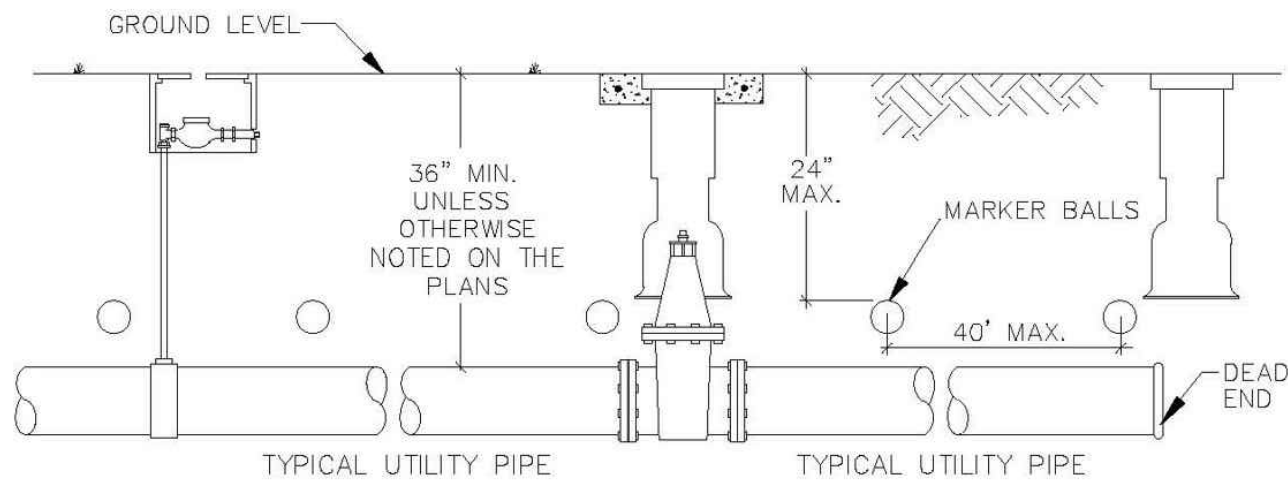
1. ALL UTILITY PIPE SHALL BE INSTALLED WITH 4"Ø MARKING BALLS PLACED EVERY 40' AND AT EVERY FITTING, FOR IDENTIFICATION AND WARNING PURPOSES, BURIED ABOVE THE PIPE AT A MAXIMUM DEPTH OF 24 INCHES OR AS APPROVED BY THE OWNER. IT SHALL BE COLOR CODED AND WORDED AS FOLLOWS:

- SEWER SYSTEM
A. COLOR: GREEN
B. LETTERING: SANITARY SEWER
C. FREQUENCY OF MARKER BALLS SHALL BE 121.6 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 TEMPO OR 3M LOCATOR SYSTEM OR EQUIVALENT (FREQUENCY 121.6 Khz)

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

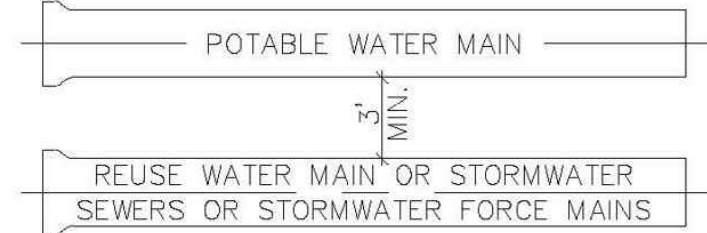
SEWER PIPE IDENTIFICATION



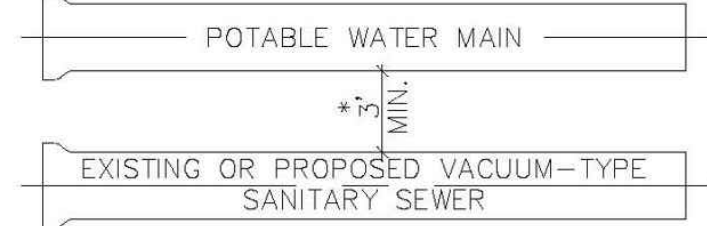
GENERAL NOTES:

1. ALL NONMETALLIC PIPE SHALL BE INSTALLED WITH 12 THHN SOLID COPPER TRACING WIRE.
2. THE MARKER BALLS MUST BE INSTALLED DIRECTLY ABOVE THE PIPE.
3. MARKER BALLS SHALL BE INSTALLED AT 40' O.C.
4. BALL COLOR CODING:
SANITARY SEWER SYSTEM: GREEN

UTILITY PIPE AND MARKER BALLS LOCATION



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.

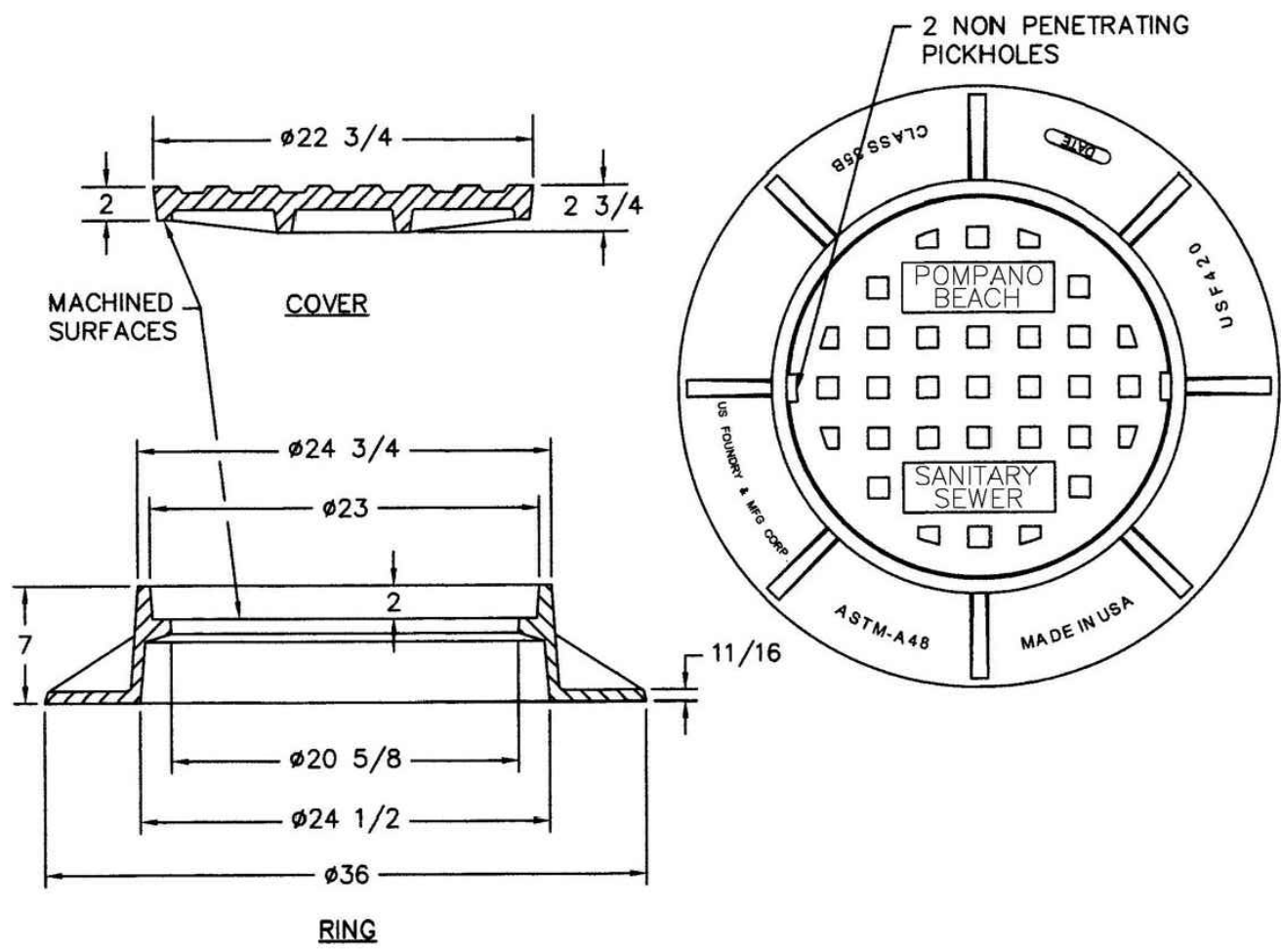


A MINIMUM HORIZONTAL SEPARATION 3' (OUTSIDE TO OUTSIDE), SHALL BE MAINTAINED BETWEEN EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER. * SEE NOTE D(1)(B).



A MINIMUM HORIZONTAL SEPARATION 6' (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)(C).

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



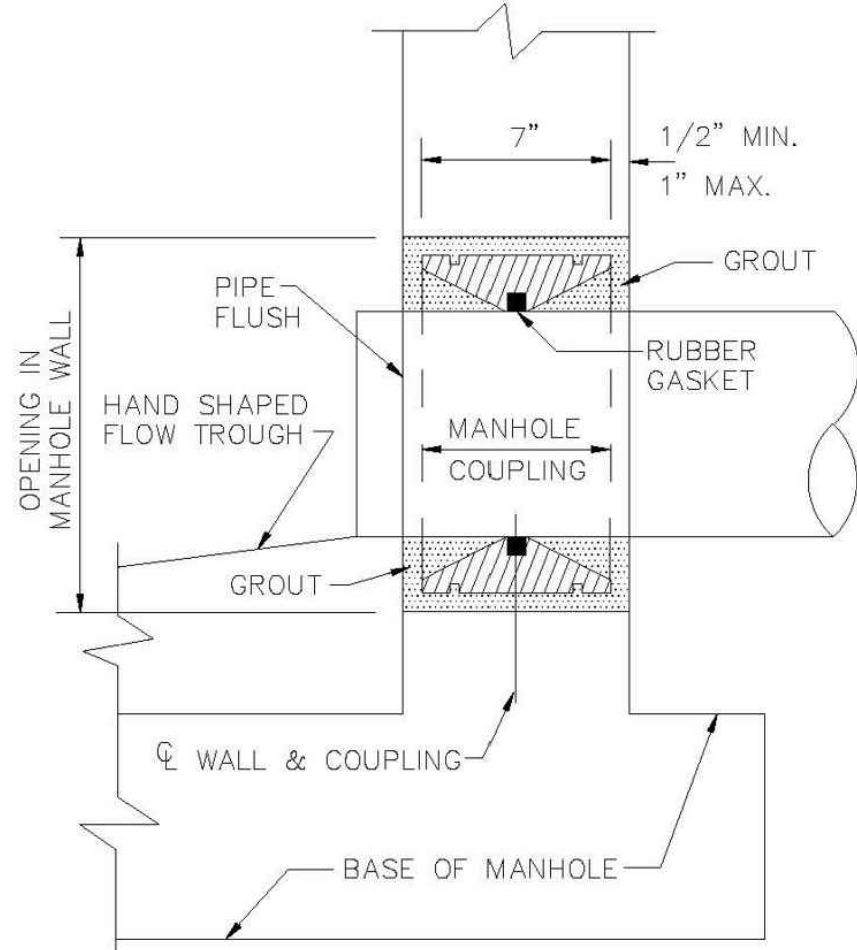
TRAFFIC RATED FRAME & COVER

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION	SEWER PIPE IDENTIFICATION
BY	DATE		
S.S.	01/30/12	CITY OF POMPAÑO BEACH	
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 207-1

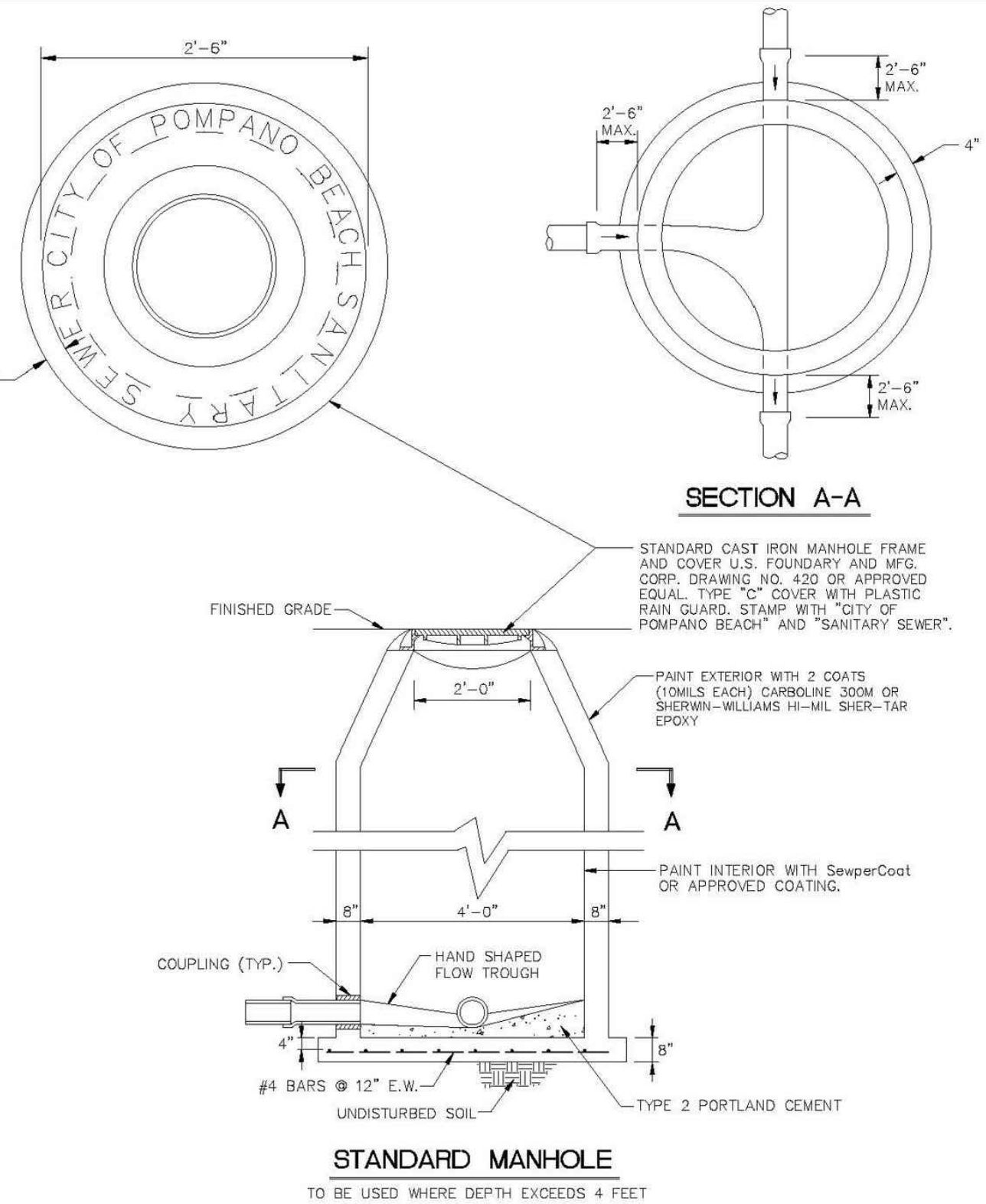
ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION	UTILITY PIPE AND MARKER BALLS LOCATION
BY	DATE		
S.S.	01/30/12	CITY OF POMPAÑO BEACH	
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 208-1

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION	MIN. HORIZONTAL SEPARATION FOR SANITARY SEWER
BY	DATE		
S.S.	01/30/12	CITY OF POMPAÑO BEACH	
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 209-1

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION	TRAFFIC RATED SEWER COVER
BY	DATE		
S.S.	01/30/12	CITY OF POMPAÑO BEACH	
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 211-1



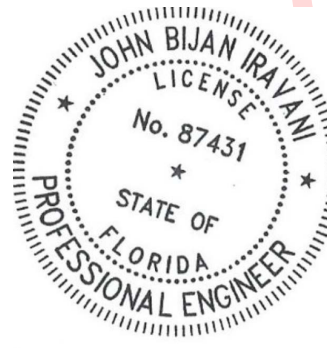
MANHOLE COUPLING



STANDARD MANHOLE
TO BE USED WHERE DEPTH EXCEEDS 4 FEET

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION	MANHOLE COUPLING
BY	DATE		
S.S.	JUNE 2006	CITY OF POMPAÑO BEACH	
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 212-1

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION	STANDARD MANHOLE
BY	DATE		
S.S.	JUNE 2006	CITY OF POMPAÑO BEACH	
T.W.	11-2007		
S.S.	12-2013		
A.S.	09-2021		
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 215-1



Digitally signed by
John
Iravani
Date:
2024.10.15
10:35:30
-04'00'

Water & Wastewater
Details

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/28/2023	N.T.S.	JBI	JBI	2208-1411

201 SW 12th Ave

Pompano Beach, Florida

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
FAX: (561) 575-6088
EMAIL: jhi@hellsouth.net
WEBSITE: www.jhinc.com