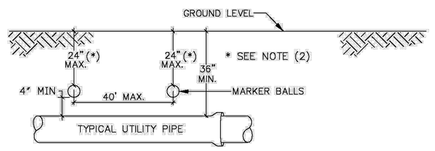


GENERAL NOTES:

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:

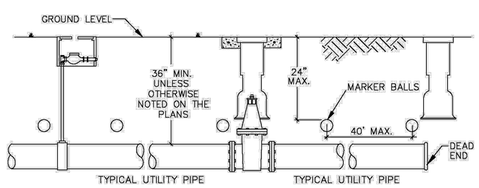
   SEWER SYSTEM
   A. COLOR: GREEN
   B. LETTERING: SANITARY SEWER
   C. FREQUENCY OF MARKER BALLS SHALL BE 121.6 Khz.
   D. THE MARKER BALLS CAN BE BURIED IN ANY ORIENTATION.

   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

ENGINEERING STANDARDS 2025			
REVISIONS: BY S.S., DATE 01/30/12	ENGINEERING DIVISION CITY OF POMPANO BEACH	SEWER PIPE IDENTIFICATION	DATE: JUNE 2022
	SCALE: N.T.S.		DWG. NO. 207-1

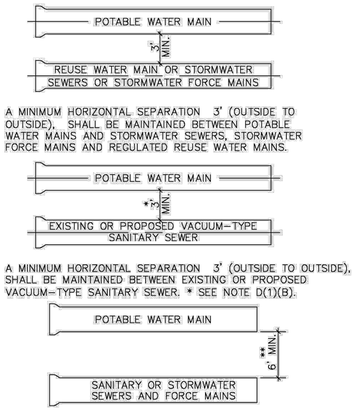


GENERAL NOTES:

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

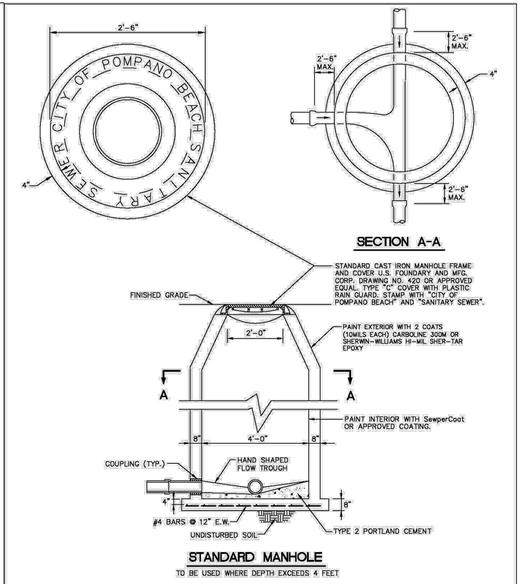
UTILITY PIPE AND MARKER BALLS LOCATION

ENGINEERING STANDARDS 2025			
REVISIONS: BY S.S., DATE 01/30/12	ENGINEERING DIVISION CITY OF POMPANO BEACH	UTILITY PIPE AND MARKER BALLS LOCATION	DATE: JUNE 2022
	SCALE: N.T.S.		DWG. NO. 208-1



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

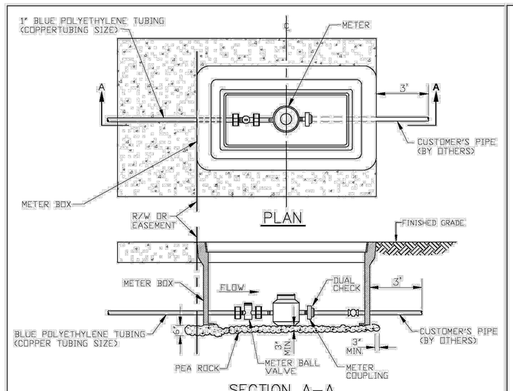
ENGINEERING STANDARDS 2025			
REVISIONS: BY S.S., DATE 01/30/12	ENGINEERING DIVISION CITY OF POMPANO BEACH	MIN. HORIZONTAL SEPARATION FOR SANITARY SEWER	DATE: JUNE 2022
	SCALE: N.T.S.		DWG. NO. 209-1



STANDARD MANHOLE

TO BE USED WHERE DEPTH EXCEEDS 4' FEET

ENGINEERING STANDARDS 2025			
REVISIONS: BY S.S., DATE JUNE 2005; BY T.W., DATE 11-2007; BY S.S., DATE 12-2013; BY A.S., DATE 09-2021	ENGINEERING DIVISION CITY OF POMPANO BEACH	STANDARD MANHOLE	DATE: JUNE 2022
	SCALE: N.T.S.		DWG. NO. 215-1



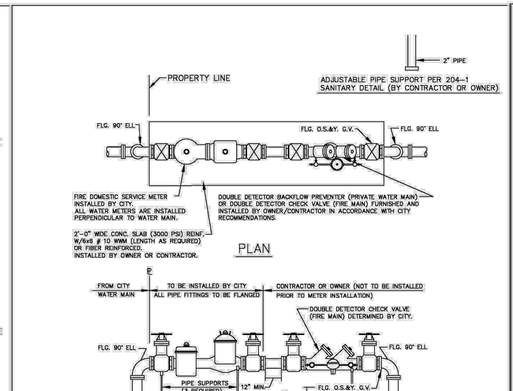
NOTES:

1. ALL METERS WILL BE SUPPLIED AND INSTALLED BY COPB UTILITIES. METER HAS IRON PIPE THREAD MALE CONNECTION ON EACH END.
2. METER SHALL BE CENTERED IN BOX.
3. DUAL CHECK IS SAME SIZE AS CUSTOMER'S SERVICE LINE.

METER SIZE	LAYING LENGTH (IN)	HEIGHT (IN)
¾"	7.5	4.56
1"	10.75	5.75

METER BOX INSTALLATION

ENGINEERING STANDARDS 2025			
REVISIONS: BY S.S., DATE 11-2012	ENGINEERING DIVISION CITY OF POMPANO BEACH	METER BOX INSTALLATION FOR 5/8" AND 1" METERS	DATE: JAN. 2022
	SCALE: N.T.S.		DWG. NO. 105-2

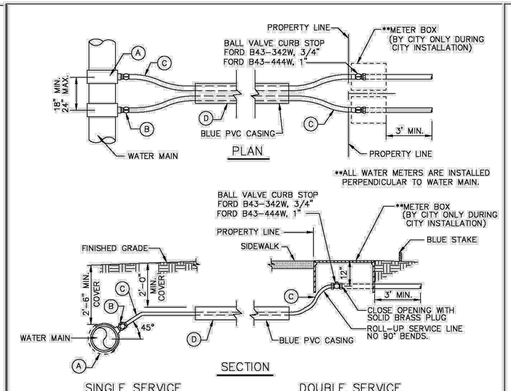


FIRE ONLY METER AND BACKFLOW DEVICE DETAILS

NOTES

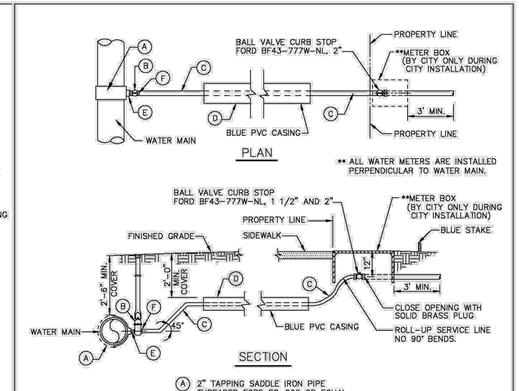
1. THE BACKFLOW PREVENTOR FOR THE BY-PASS SHALL BE DDCV OR RPZ.
2. PLEASE NOTE THAT WATER METERS 3" AND LARGER ARE SUBJECT TO AN APPROXIMATE ORDER LEAD TIME OF 60 TO 75 DAYS AFTER FULL PAYMENT. PLEASE CONTACT CUSTOMER SERVICE AT 954-786-4637 TO ARRANGE FOR METER PROCUREMENT AND INSTALLATION.
3. USE MEGALUGS AT ALL PIPE JOINTS
4. PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4

ENGINEERING STANDARDS 2025			
REVISIONS: BY S.S., DATE 05-2011; BY S.S., DATE 11-2012; BY S.S., DATE 12-2013; BY S.S., DATE 11-2016	ENGINEERING DIVISION CITY OF POMPANO BEACH	FIRE ONLY METER AND BACKFLOW DEVICE	DATE: MAY 2022
	SCALE: N.T.S.		DWG. NO. 106-3



TYPICAL 3/4" AND 1" WATER SERVICE

ENGINEERING STANDARDS 2025			
REVISIONS: BY T.W., DATE 11-2007; BY S.S., DATE 05-2012; BY S.S., DATE 11-2015; BY A.S., DATE 08-2021	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL 1" WATER SERVICE	DATE: MAY 2022
	SCALE: N.T.S.		DWG. NO. 107-1



TYPICAL 1 1/2" AND 2" WATER SERVICE

ENGINEERING STANDARDS 2025			
REVISIONS: BY S.S., DATE 05-2011; BY S.S., DATE 05-2012; BY S.S., DATE 11-2018; BY A.S., DATE 08-2021	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL 2" WATER SERVICE	DATE: APRIL 2022
	SCALE: N.T.S.		DWG. NO. 107-2

PRC KEITH
PZ26-12000001
05/20/2026
2200 West Atlantic Blvd.
Pompano Beach, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

Plotted by: delias On 4/9/2026 3:11 PM

REVISIONS

NO.	DESCRIPTION	DATE

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE:	02/25/2026
DESIGNED BY:	CA
DRAWN BY:	BN
CHECKED BY:	CA
BID-CONTRACT:	

This item has been digitally signed and sealed by CHRISTOPHER T. ANDREONI, P.E. on the date adjacent to the seal.

CHRISTOPHER T. ANDREONI LICENSE No. 84184 STATE OF FLORIDA PROFESSIONAL ENGINEER

Signature must be verified on any electronic copies.

2026.04.10 16:09:29-04'00'

CHRISTOPHER T. ANDREONI, P.E.
FLORIDA REG. NO. 84184
(FOR THE FIRM)

CLIENT

RP POMPANO LLC

PROJECT

DOWNTOWN POMPANO - PHASE 1 - INFRASTRUCTURE IMPROVEMENTS

SHEET TITLE

WATER AND SEWER DETAILS

SHEET NUMBER	CU-504
PROJECT NUMBER	15083.00

Drawing name: H:\15083.00 - Downtown Pompano - RP Development LLC\Engineering\Cadd\Phase I (Infrastructure)\15083.00-CU-5XX-PH1.dwg

STATUS: PRELIMINARY