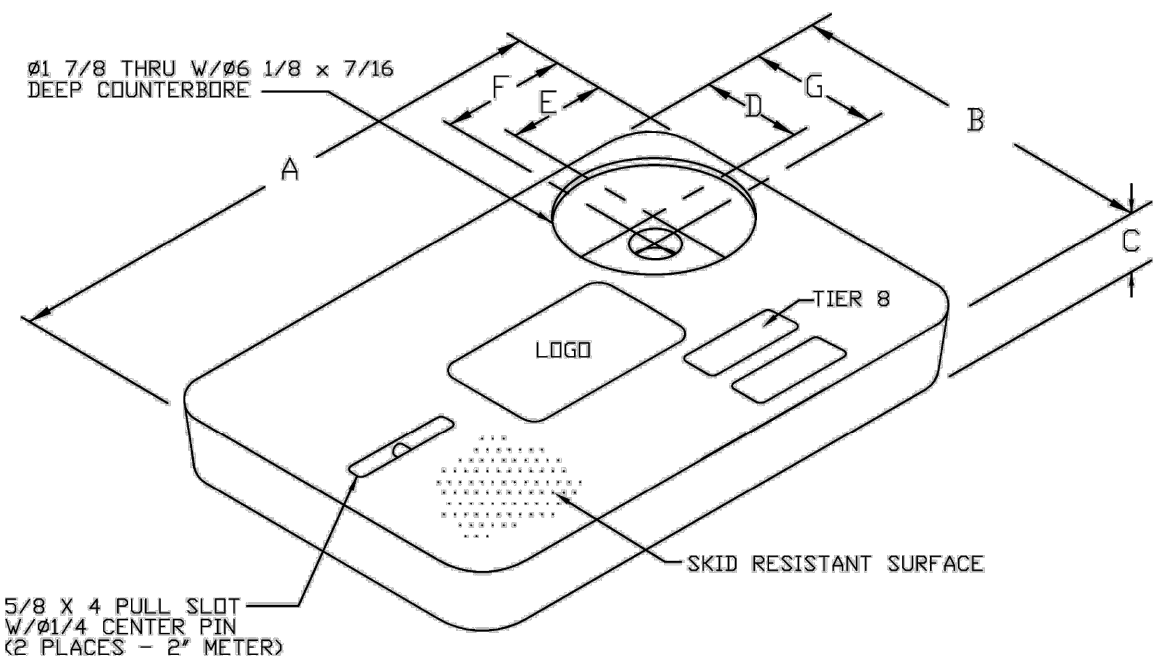
**BACKFLOW PREVENTER**

USE MEGALUGS AT ALL PIPE JOINTS 3" AND LARGER
PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4
SMALL UNITS UNI-STRUT SUPPORT

ENGINEERING STANDARDS 2025

REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	BACKFLOW PREVENTER	DATE: MAY 2022 DWG. NO.
BY	DATE			
T.W.	04-2008	SCALE: N.T.S.		106-1
S.S.	03-2009			
S.S.	11-2012			
S.S.	01-2013			



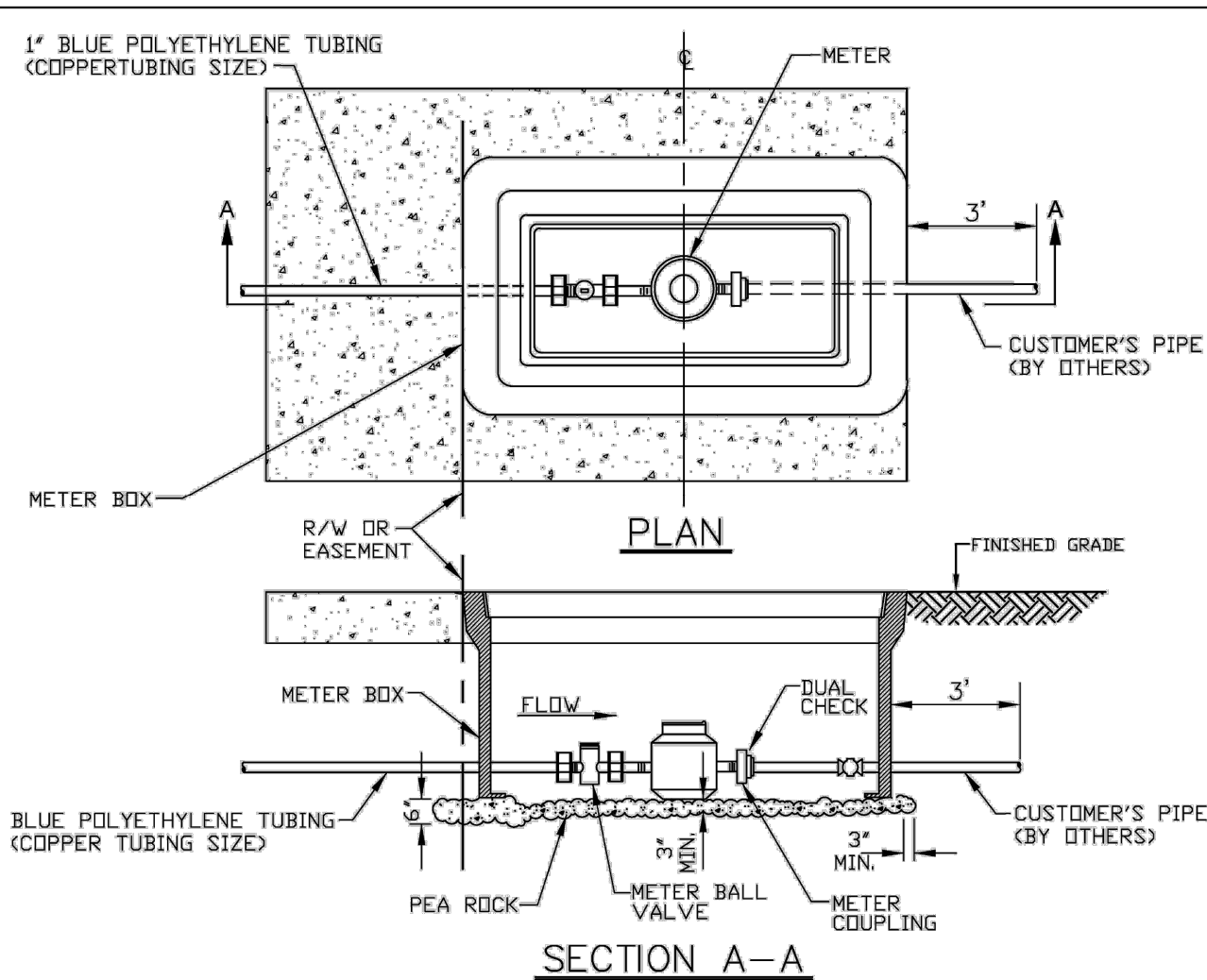
METER BOX COVER DIMENSIONS (IN)						
METER SIZE	A	B	C	D	E	F
1"	18 1/8"	11 1/4"	1 3/4"	3 3/4"	4"	4 9/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"

NOTES

- CUSTOMER IS CITY OF POMPAÑO BEACH FLORIDA
LOGO TO BE SPECIFIED: CITY OF POMPAÑO BEACH POTABLE WATER
- FITS NEPTUNE R450 ANTENNA
- THIS COVER IS RATED FOR A STATIC DESIGN LOAD OF 8,000 LBS. (35,548 N)
OVER A 10 (254) X 10 (254) AREA AND MUST PASS A MINIMUM STATIC TEST
LOAD OF 12,000 LBS (53,378 N).
- METER BOX COVER SHOULD BE RATED FOR TRAFFIC CONDITION AS
DETERMINED BY ENGINEER OF RECORD

POTABLE WATER METER BOX COVER**ENGINEERING STANDARDS 2025**

REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	TYPICAL METER BOX COVER	DATE: JAN. 2022 DWG. NO.
BY	DATE			
S.S.	11-2012	SCALE: N.T.S.		105-3

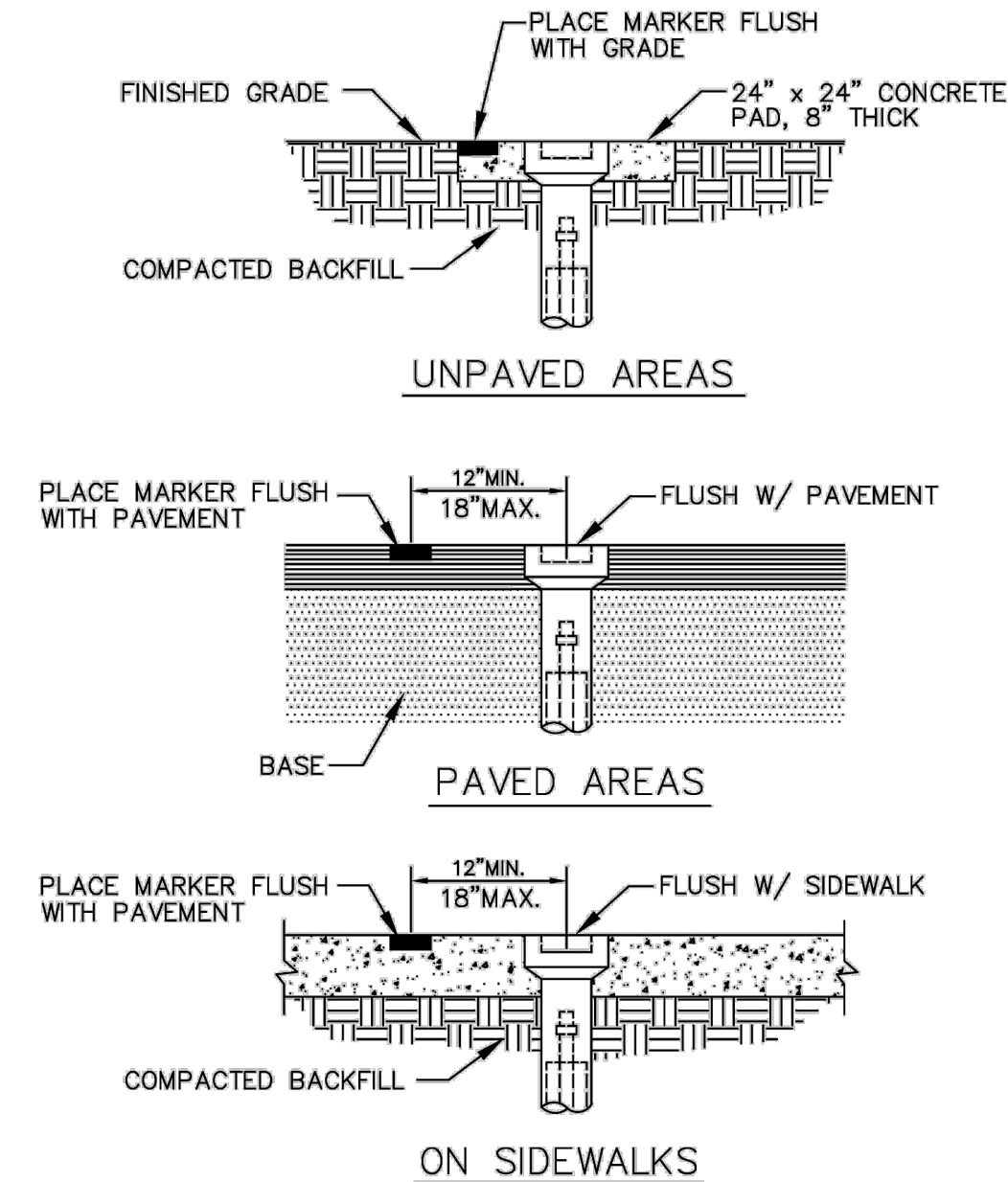
**NOTES**

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

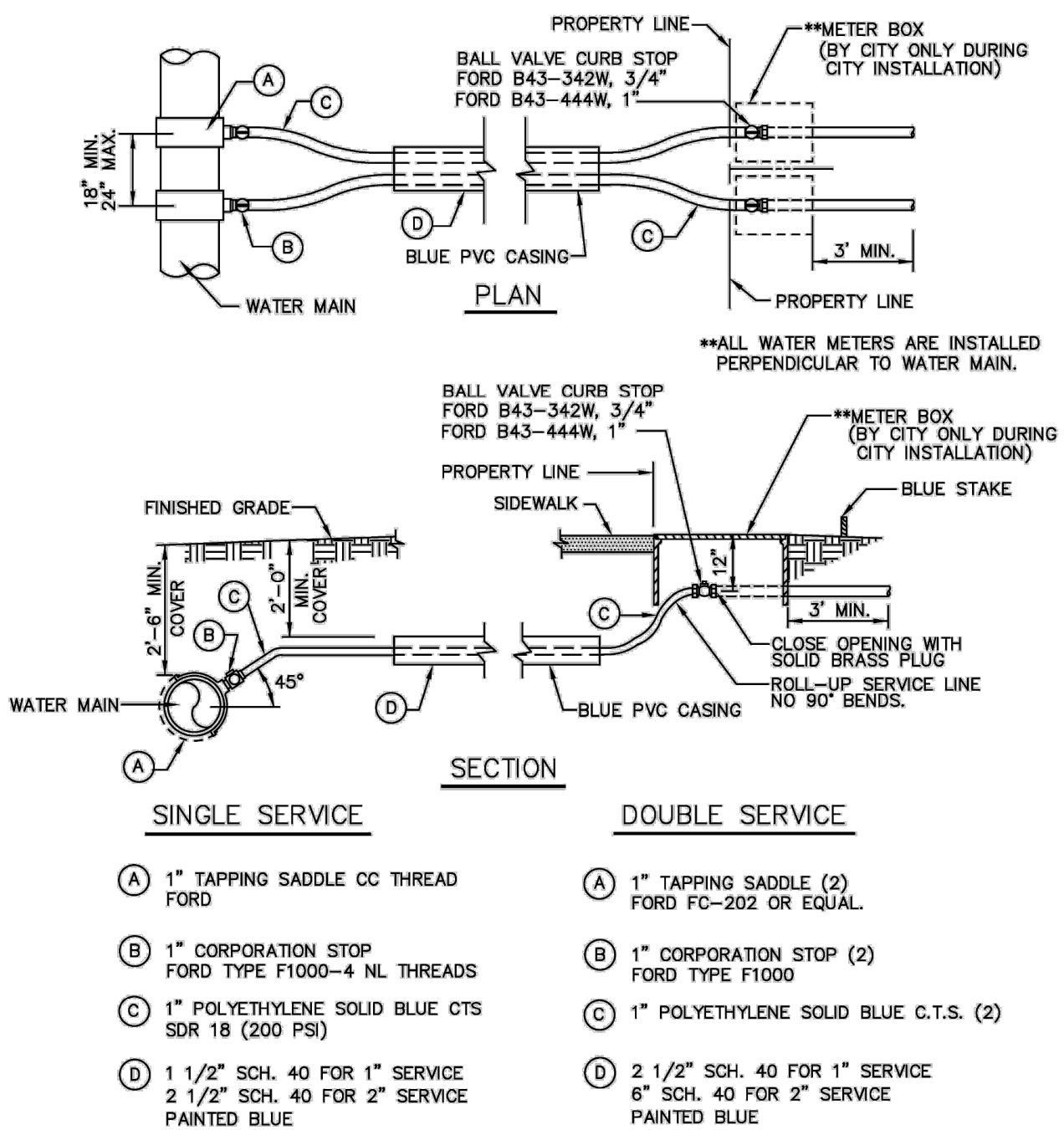
METER SIZE	LAYING LENGTH (IN)	HEIGHT (IN)
3/4"	7.5	4.56
1"	10.75	5.75

METER BOX INSTALLATION**ENGINEERING STANDARDS 2025**

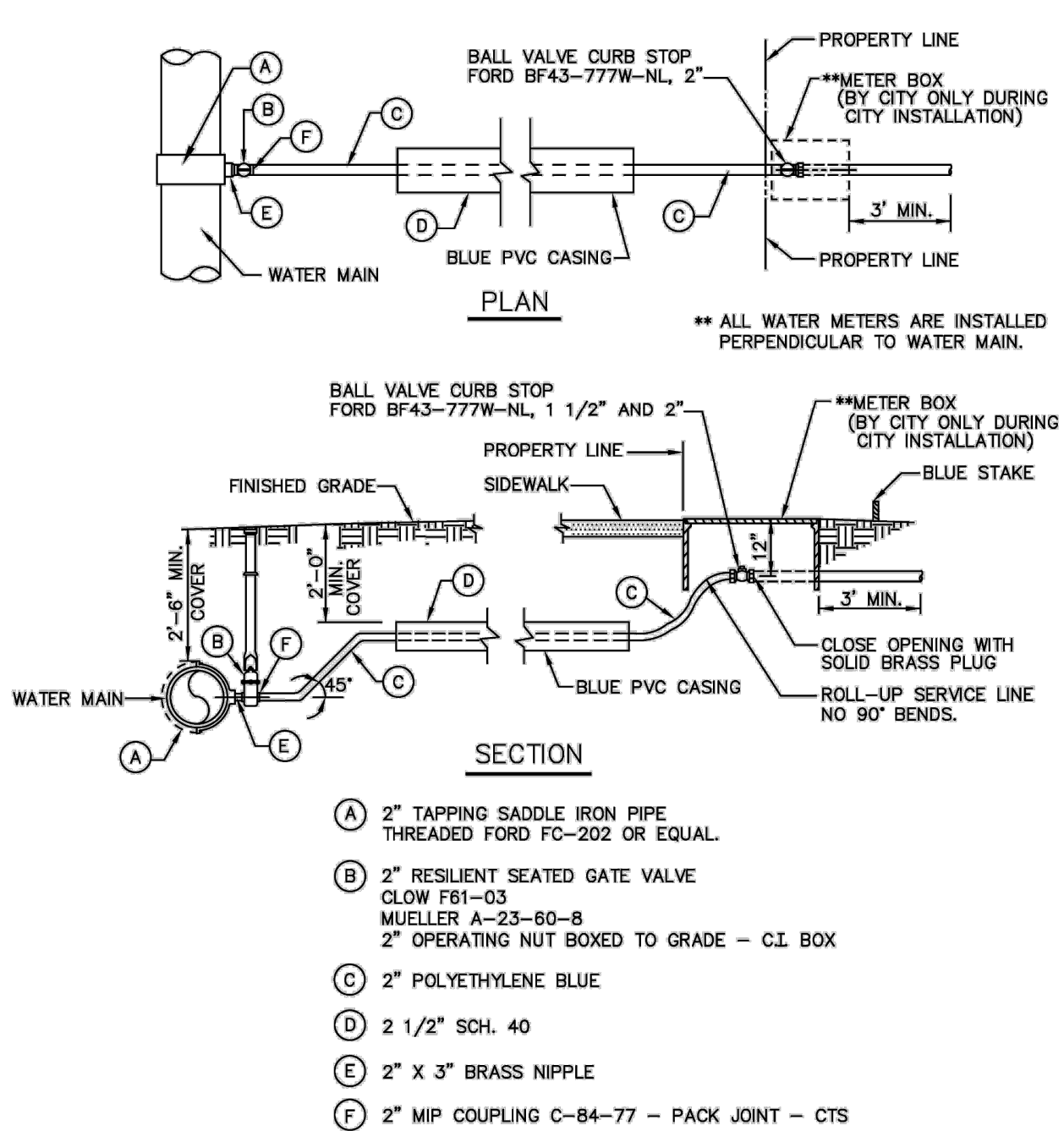
REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	METER BOX INSTALLATION FOR 5/8" AND 1" METERS	DATE: JAN. 2022 DWG. NO.
BY	DATE			
S.S.	11-2012	SCALE: N.T.S.		105-2

**VALVE BOX SETTINGS****ENGINEERING STANDARDS 2025**

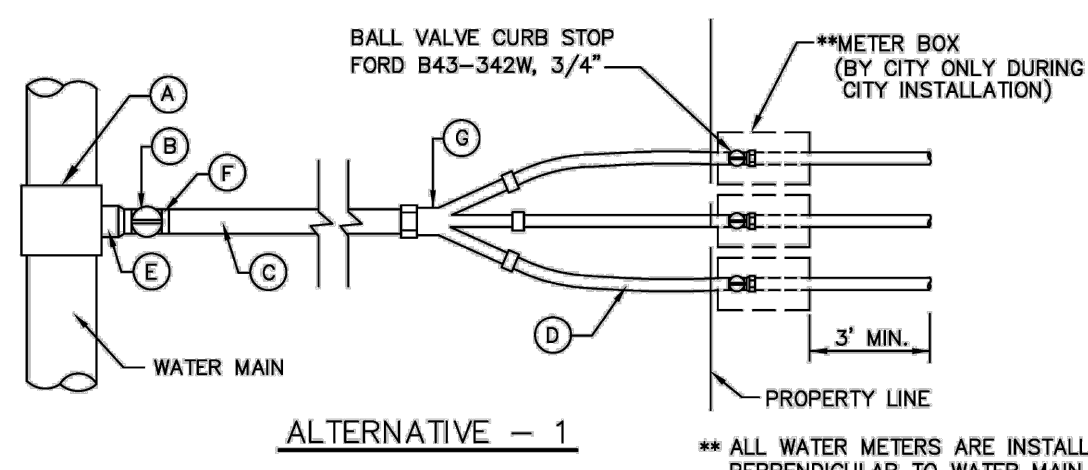
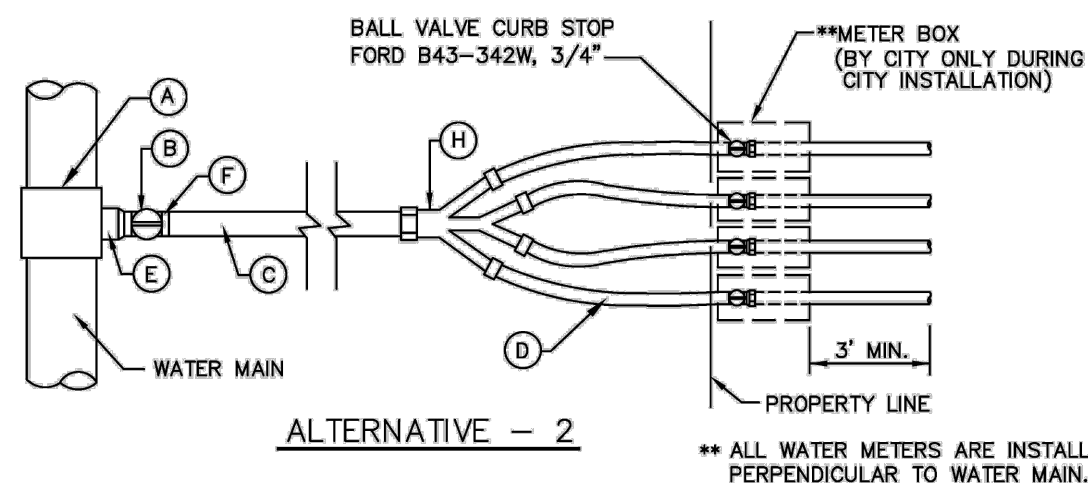
REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	VALVE BOX SETTINGS	DATE: MAY 2022 DWG. NO.
BY	DATE			
S.S.	04-2005	SCALE: N.T.S.		102-1

**TYPICAL 3/4" AND 1" WATER SERVICE****ENGINEERING STANDARDS 2025**

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

**TYPICAL 1 1/2" AND 2" WATER SERVICE****ENGINEERING STANDARDS 2025**

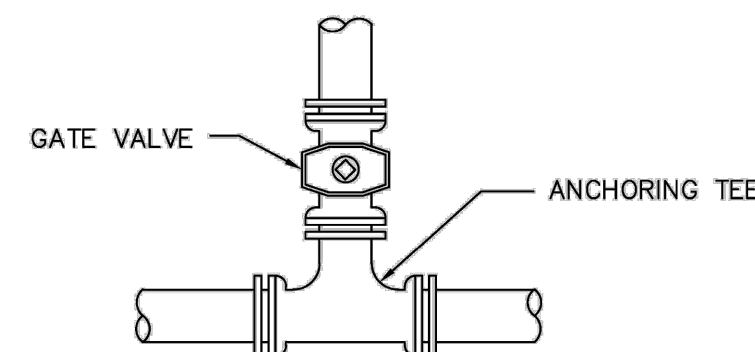
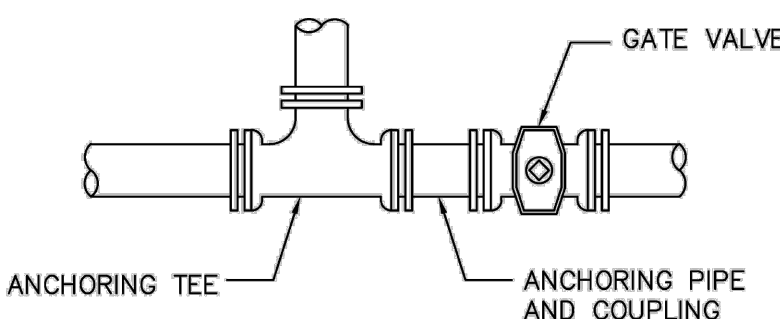
REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	TYPICAL 2" WATER SERVICE	DATE: APRIL 2022 DWG. NO.
BY	DATE			
S.S.	05-2011	SCALE: N.T.S.		107-2
S.S.	05-2012			
A.S.	08-2021			

**2" WATER SERVICE W / 3 METERS****2" WATER SERVICE W / 4 METERS**

- | | |
|--|--|
| (A) 2" TAPPING SADDLE IRON PIPE
THREADED FORD FC-202 OR EQUAL. | (D) 1" POLYETHYLENE SOLID BLUE C.T.S. (3) |
| (B) 2" RESILIENT SEATED GATE VALVE
CLOW FB1-03
MUELLER A-23-60-B | (E) 2" X 4" BRASS NIPPLE |
| (C) 2" BLUE POLYETHYLENE | (F) 2" MIP COUPLING C-84-77 - PACK JOINT - CTS |
| | (G) 3" Y" BRANCHES - Y48-347 FORD |
| | (H) 4" Y" BRANCHES - ØBY4Q A.Y. McDONALD |

ENGINEERING STANDARDS 2025

REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	2" WATER SERVICE Y" BRANCHES ALTERNATIVES	DATE: MAY 2022 DWG. NO.
BY	DATE			
S.S.	11-2012	SCALE: N.T.S.		107-3

**RESTRAINED VALVE AT TEE
(BRANCH)****RESTRAINED VALVE AT TEE
(IN LINE)**

USE MEGALUGS AT ALL PIPE JOINTS
ALL D.I.P. TO BE PAINTED BLUE
ON THE TOP HALF OF PIPE.

ENGINEERING STANDARDS 2025

REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	RESTRAINED VALVE AT TEE	DATE: MAY 2022 DWG. NO.
BY	DATE			
S.S.	JUNE 2005	SCALE: N.T.S.		111-1