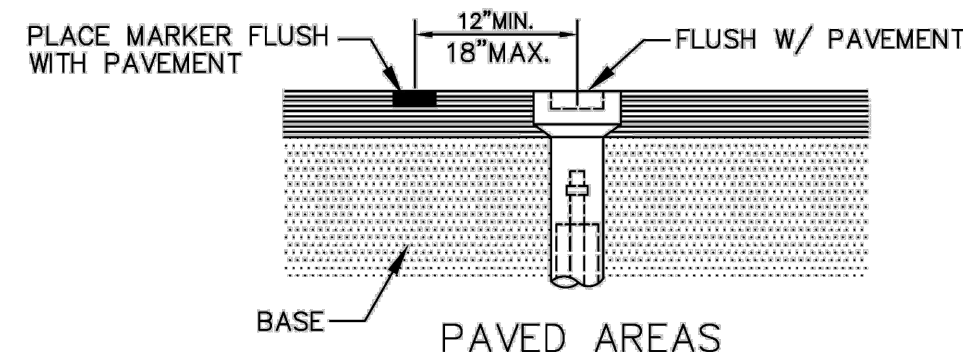
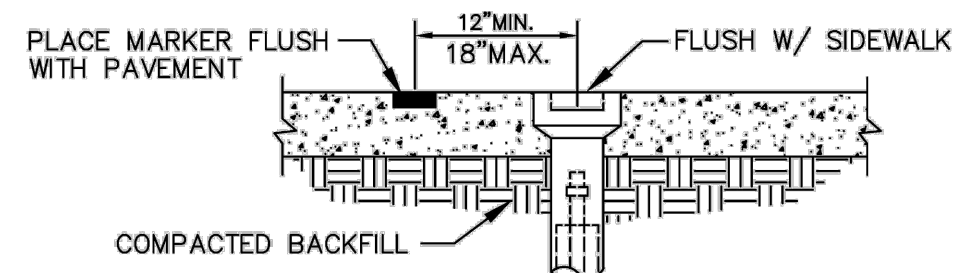


UNPAVED AREAS



PAVED AREAS

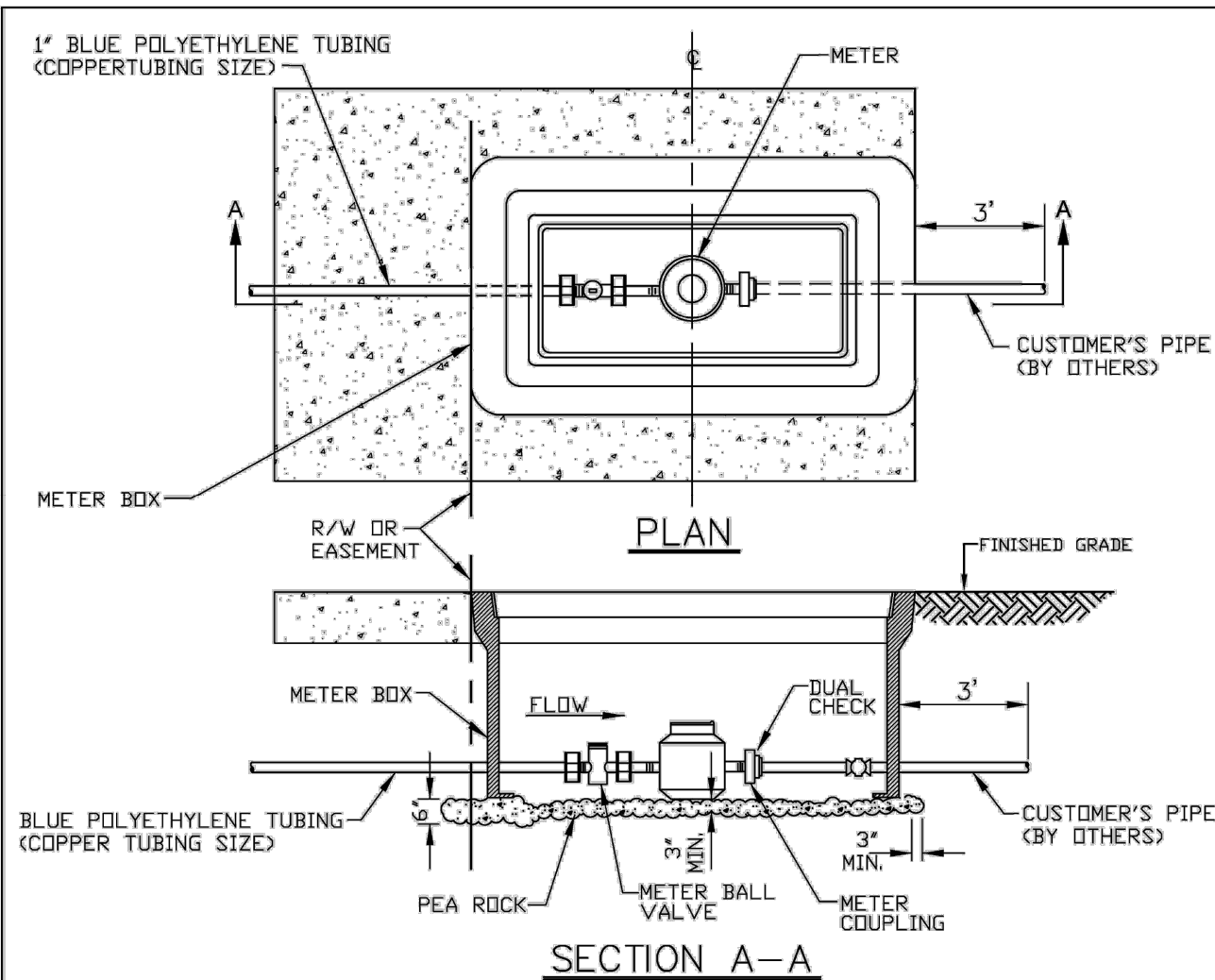


ON SIDEWALKS

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



NOTES:

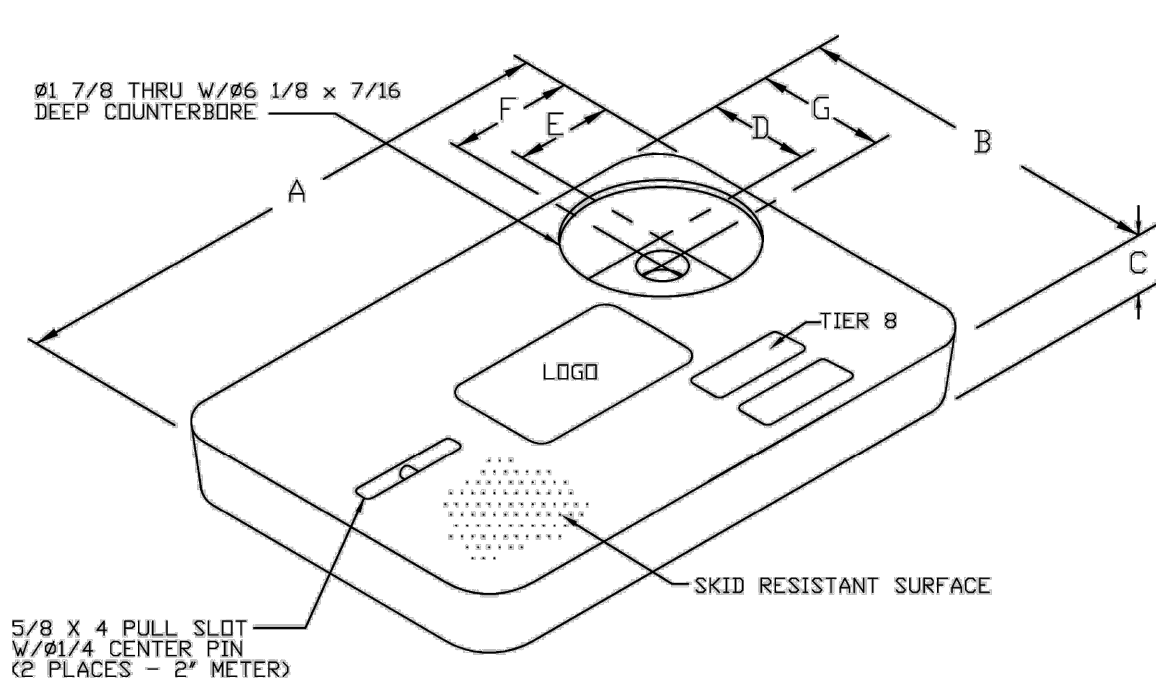
- ALL METERS WILL BE SUPPLIED AND INSTALLED BY CDPB UTILITIES. METER HAS IRON PIPE THREAD MALE CONNECTION ON EACH END.
- METER SHALL BE CENTERED IN BOX.
- DUAL CHECK IS SAME SIZE AS CUSTOMER'S SERVICE LINE.

METER SIZE	LAYING LENGTH (IN)	HEIGHT (IN)
3/8"	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



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"

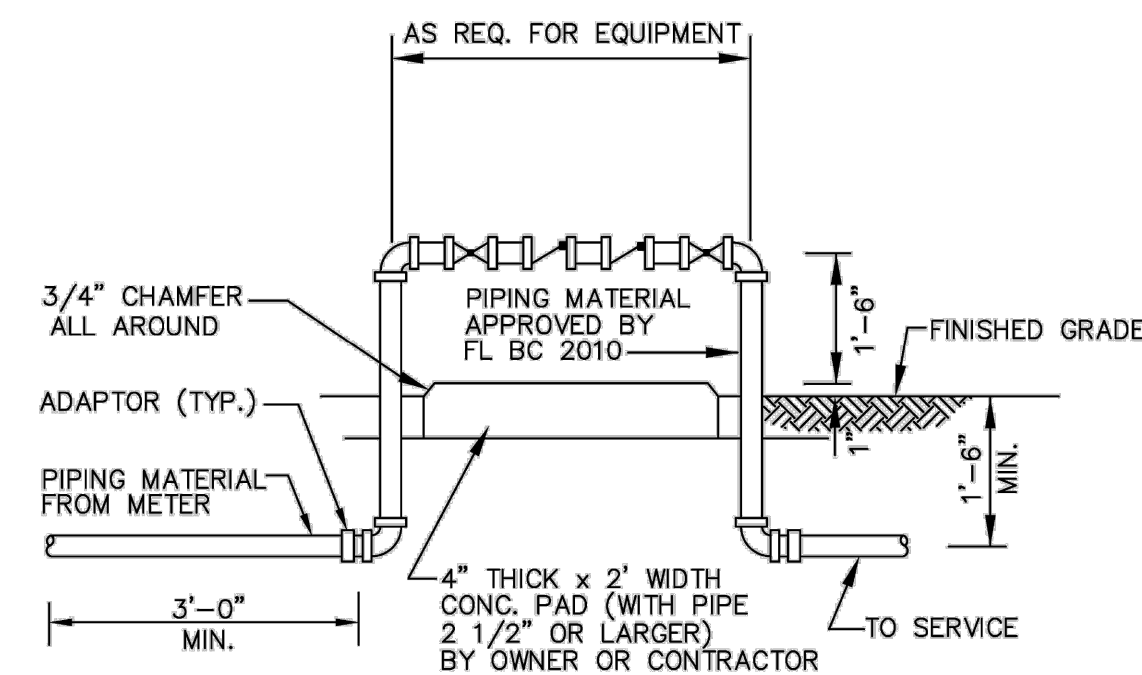
NOTES:

- 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

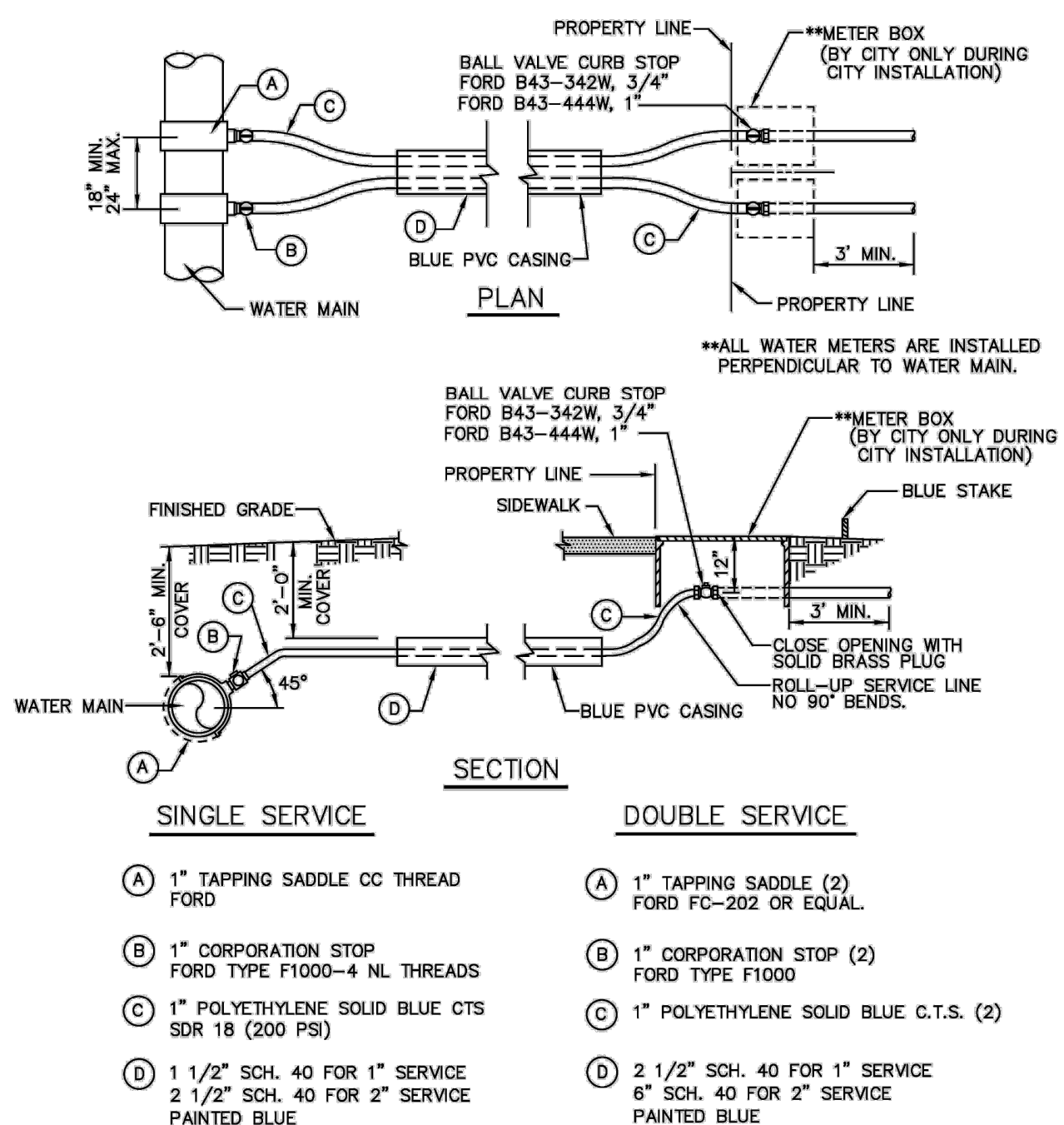


BACKFLOW PREVENTER

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

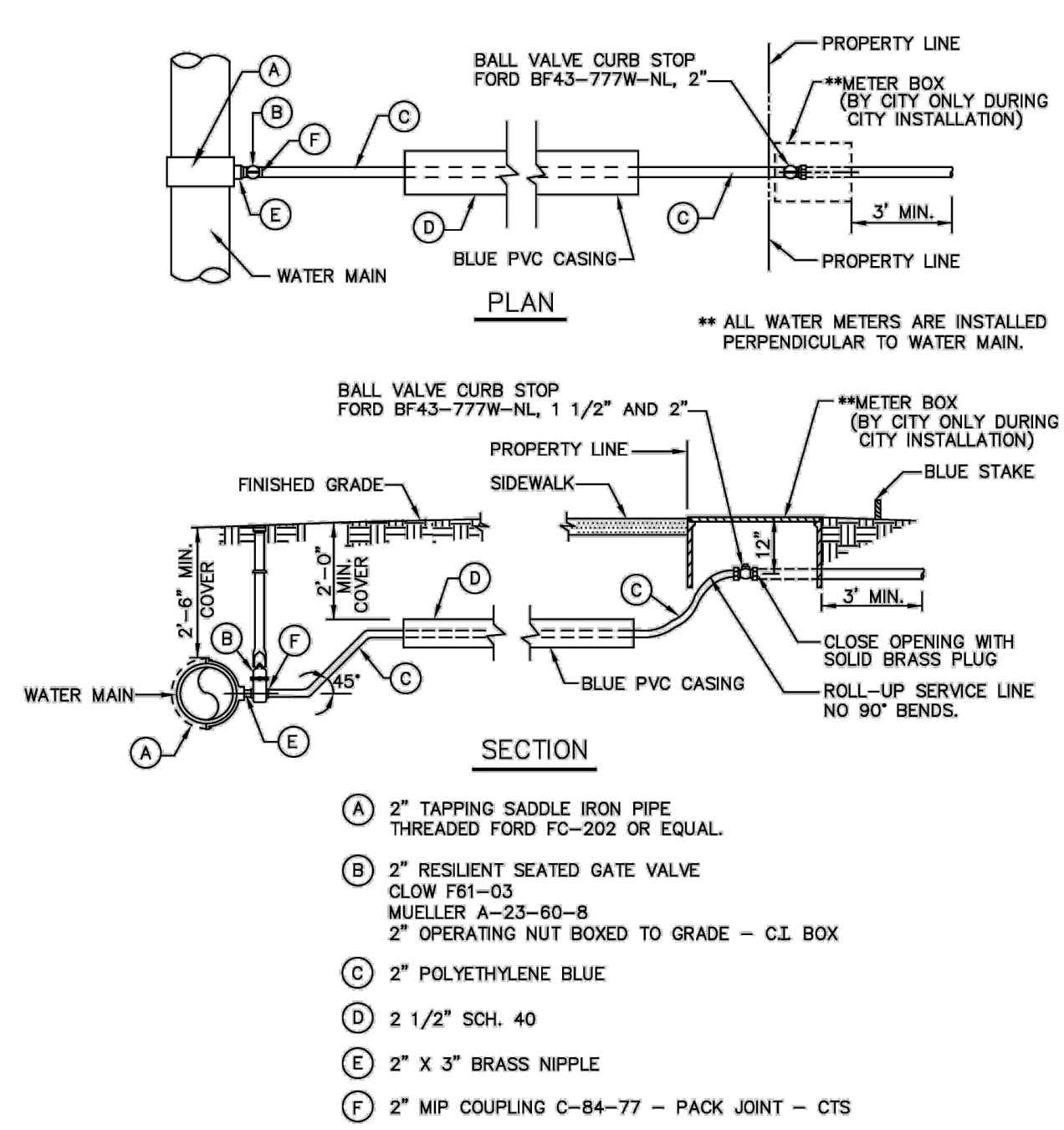
REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	BACKFLOW PREVENTER	DATE: MAY 2022 DWG. NO.
BY	DATE			
T.W.	04-2008			
S.S.	03-2009			
S.S.	11-2012			
S.S.	01-2013	SCALE: N.T.S.		106-1



TYPICAL 3/4" AND 1" WATER SERVICE

ENGINEERING STANDARDS 2025

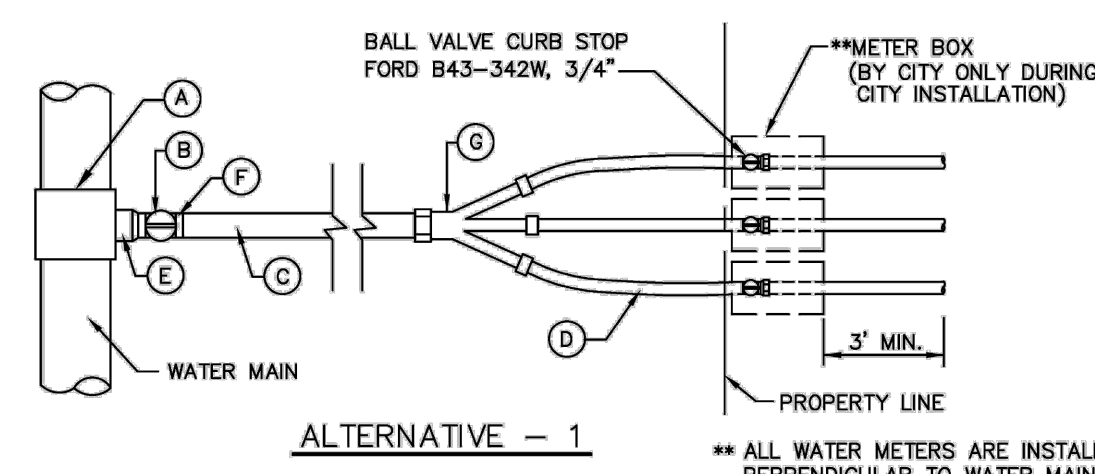
REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	TYPICAL 1" WATER SERVICE	DATE: MAY 2022 DWG. NO.
BY	DATE			
T.W.	11-2007			
S.S.	05-2012			
S.S.	11-2015			
A.S.	08-2021	SCALE: N.T.S.		107-1



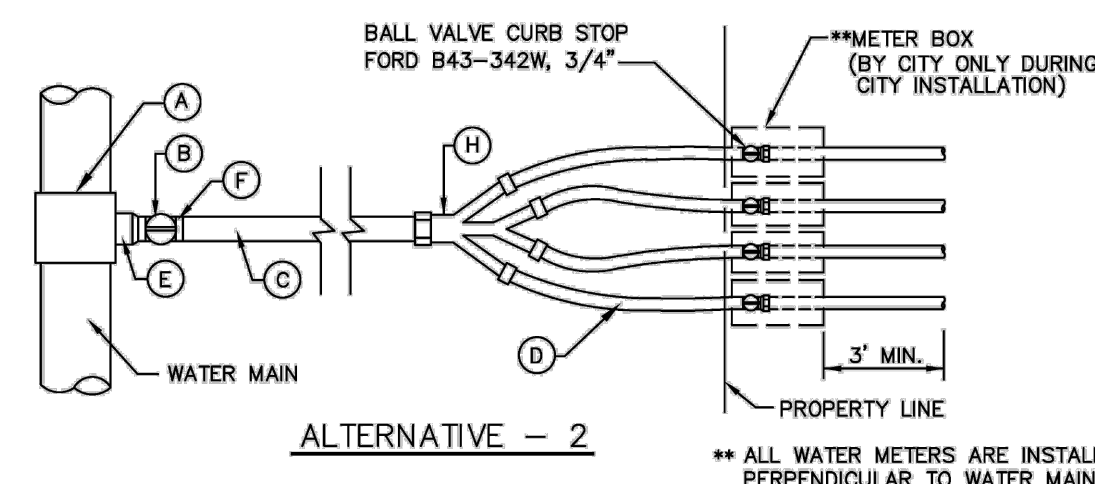
TYPICAL 1 1/2" AND 2" WATER SERVICE

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			
S.S.	05-2012			
S.S.	11-2015			
A.S.	08-2021	SCALE: N.T.S.		107-2



2" WATER SERVICE W / 3 METERS

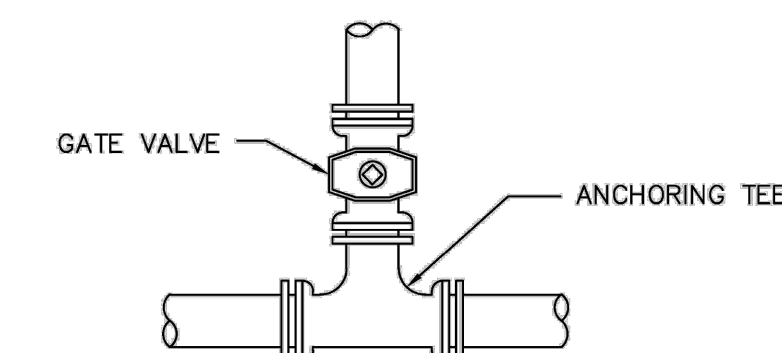
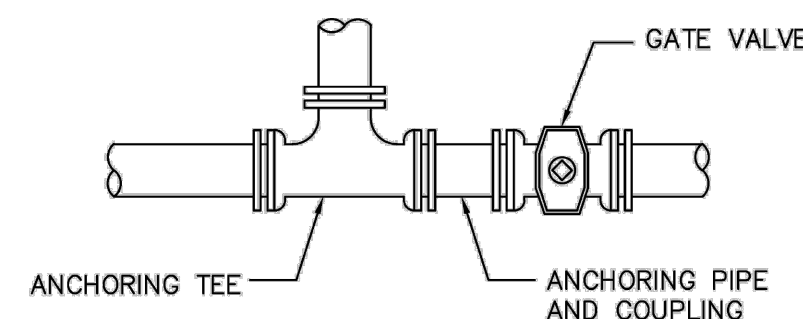


2" WATER SERVICE W / 4 METERS

- | | |
|--|--|
| (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 - DBY4Q4 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

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CAULFIELD & WHEELER, INC.
CIVIL ENGINEERING
LANDSCAPE ARCHITECTURE - SURVEYING
7900 GLADES ROAD - SUITE 100
BOCA RATON, FLORIDA 33434
PHONE (561) 392-1991 / FAX (561) 750-1452

RIVERSIDE TOWNHOMES
1175 RIVERSIDE DRIVE
WATER DISTRIBUTION &
SANITARY SEWER DETAILS
POMPAÑO BEACH, FLORIDA

DATE	03/18/25
DRAWN BY	JUB
F.B./ PG.	----
SCALE	N/A

MATTHEW V. KAHN
PROFESSIONAL ENGINEER
LICENSE NO. 82227
STATE OF FLORIDA
- FOR THE FIRM -
DATE

JOB # 11181
SHT. NO.
WS-2
OF 13 SHEETS