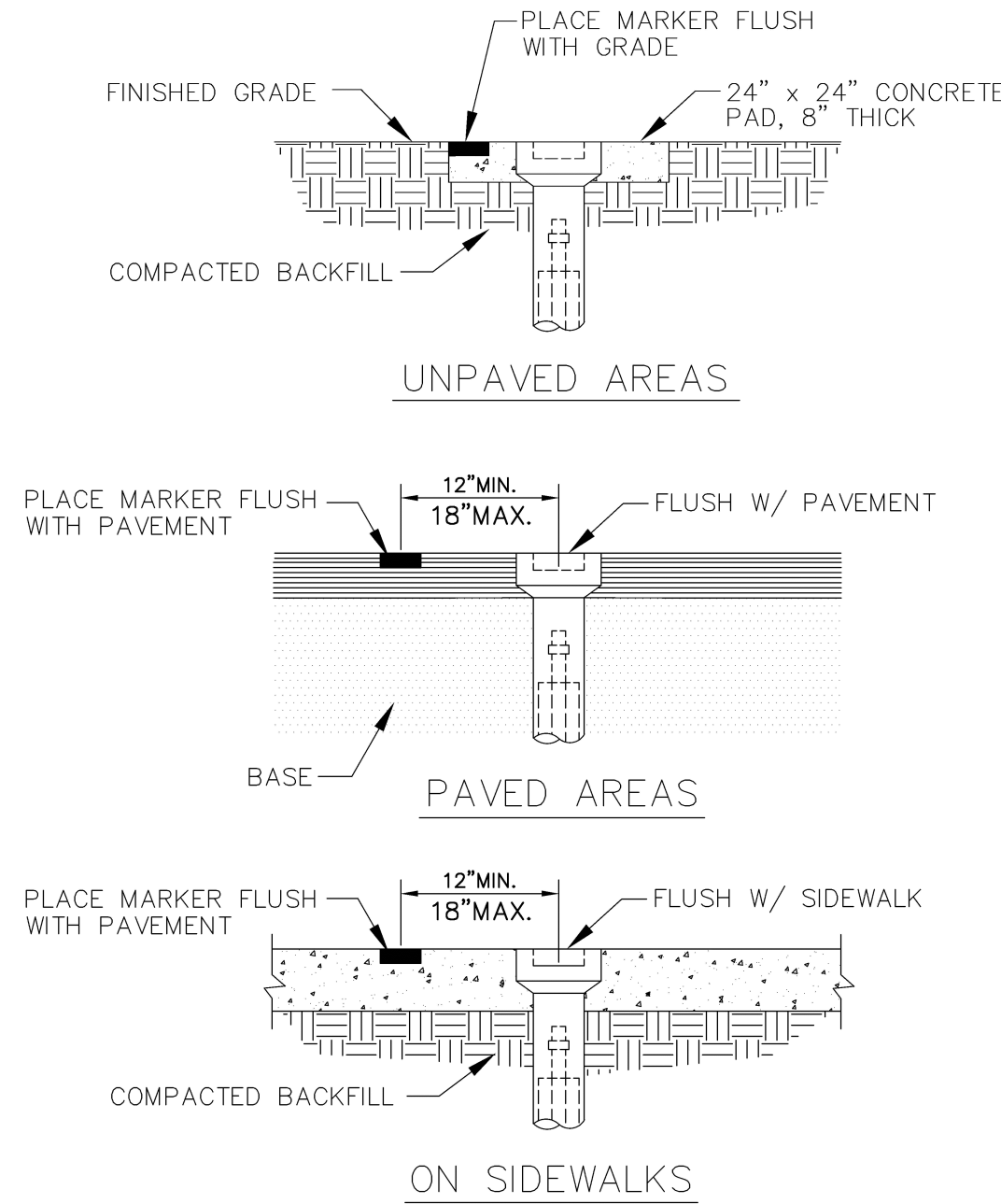


SAMPLE POINT (MAIN)

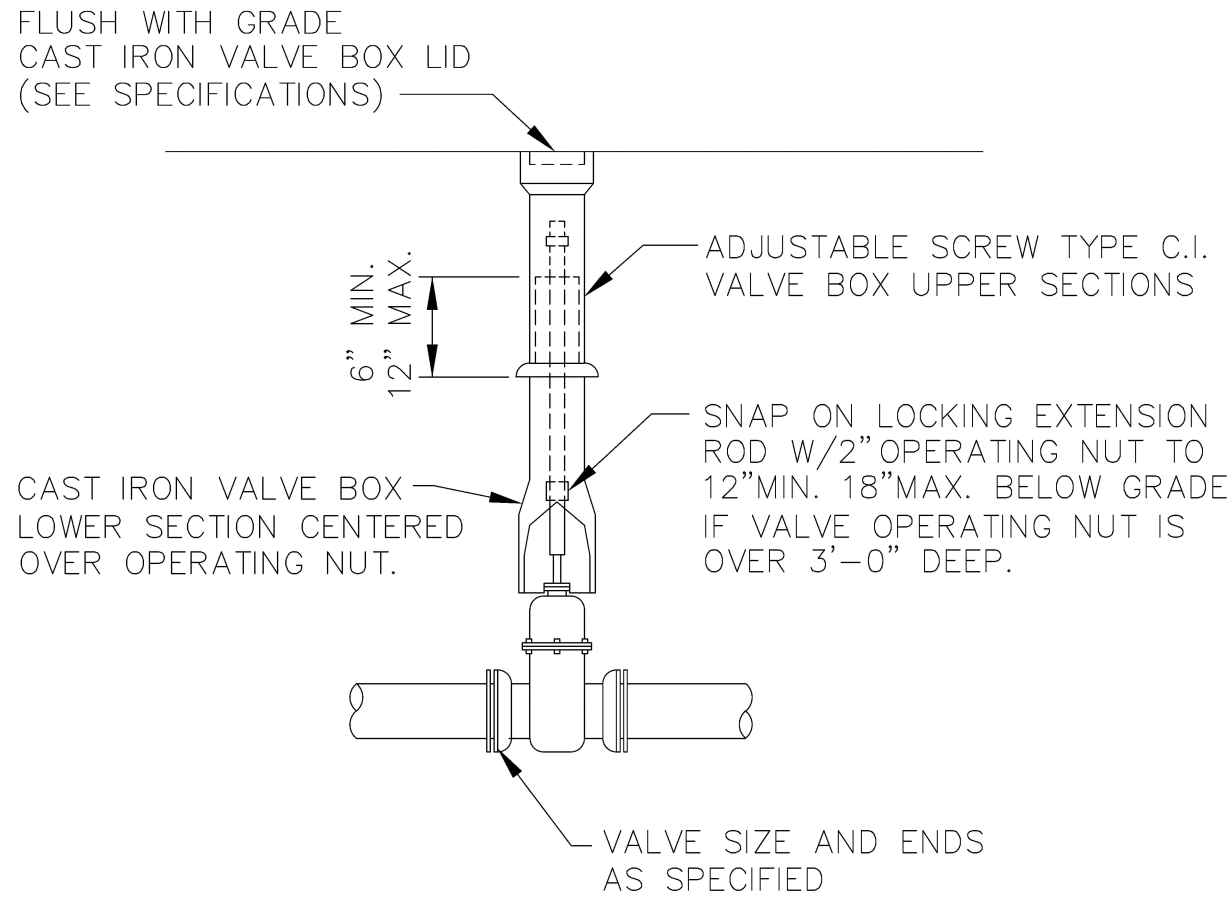
ALL D.I.P. TO BE PAINTED
BLUE ON TOP HALF OF PIPE.

ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	04-2005	CITY OF POMPANO BEACH
			SCALE: N.T.S.
			SAMPLE POINT (MAIN)
			DATE: MAY 2022 DWG. NO. 100-1



VALVE BOX SETTINGS

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

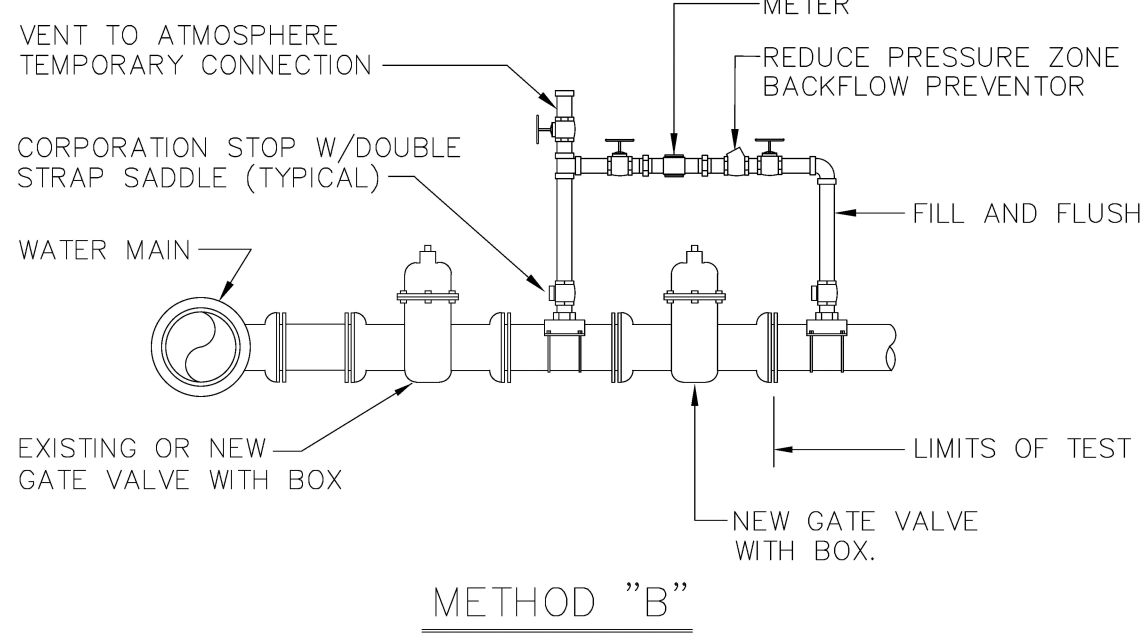


GATE OR PLUG VALVE SETTING

USE MEGALUGS AT ALL PIPE JOINTS

ALL D.I.P. TO BE PAINTED
BLUE ON TOP HALF OF PIPE.

ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	04-2005	CITY OF POMPANO BEACH
	T.W.	11-2007	
			SCALE: N.T.S.
			GATE OR PLUG VALVE SETTINGS
			DATE: MAY 2022 DWG. NO. 103-1



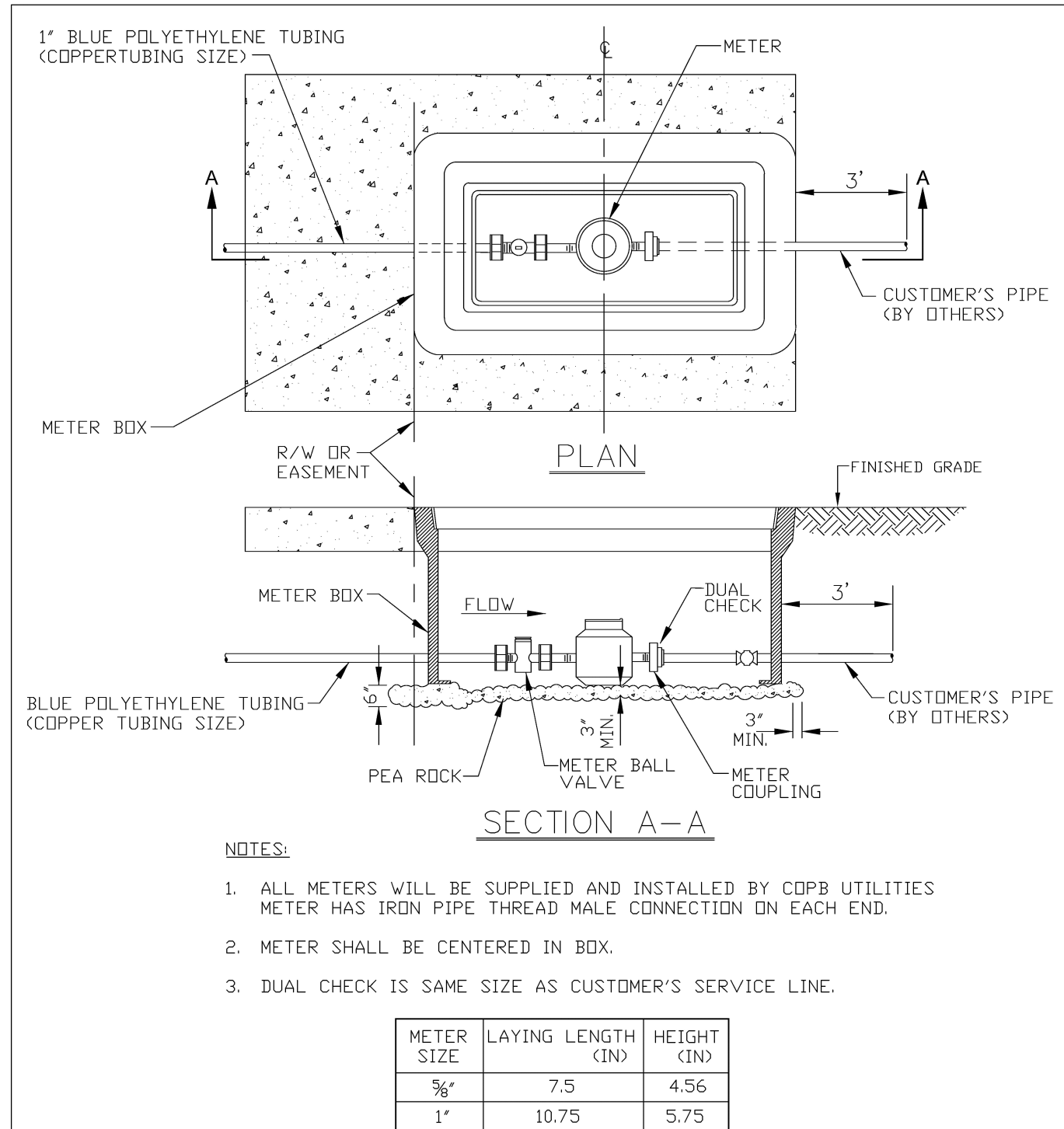
NOTES:

1. WATER MAIN TO BE PRESSURE TESTED AND DISINFECTED ACCORDING TO BROWARD COUNTY PUBLIC HEALTH UNIT REGULATIONS, AWWA, AND MUNICIPAL SPECIFICATIONS IN EFFECT.
2. BACTERIOLOGICAL TESTS ARE TO BE PERFORMED BY THE CONTRACTOR AND AN APPROVED TESTING LABORATORY.
3. REMOVE TEMPORARY CONNECTION AT SADDLE ON NEW MAINS AFTER FILLING AND FLUSHING HAS BEEN COMPLETED AND REPLACE WITH BRASS PLUG
4. PROVIDE ALL NECESSARY THRUST BLOCKS OR OTHER RESTRAINTS.
5. FILLING AND FLUSHING LOCATIONS SHALL BE COORDINATED BY THE CONTRACTOR, ENGINEER, AND CITY.
6. VENT TO ATMOSPHERE SHALL REMAIN OPEN DURING ALL PHASES OF PRESSURE TESTING.
7. AFTER COMPLETION FILL AND FLUSH CONNECTION
8. USE MEGALUGS AT ALL PIPE JOINTS

FILLING AND FLUSHING CONNECTION

ALL D.I.P. TO BE PAINTED
BLUE ON TOP HALF OF PIPE.

ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	04-2005	CITY OF POMPANO BEACH
	T.W.	11-2007	
	S.S.	01-2012	
			SCALE: N.T.S.
			FILLING / FLUSHING CONNECTION
			DATE: MAY 2022 DWG. NO. 104-1



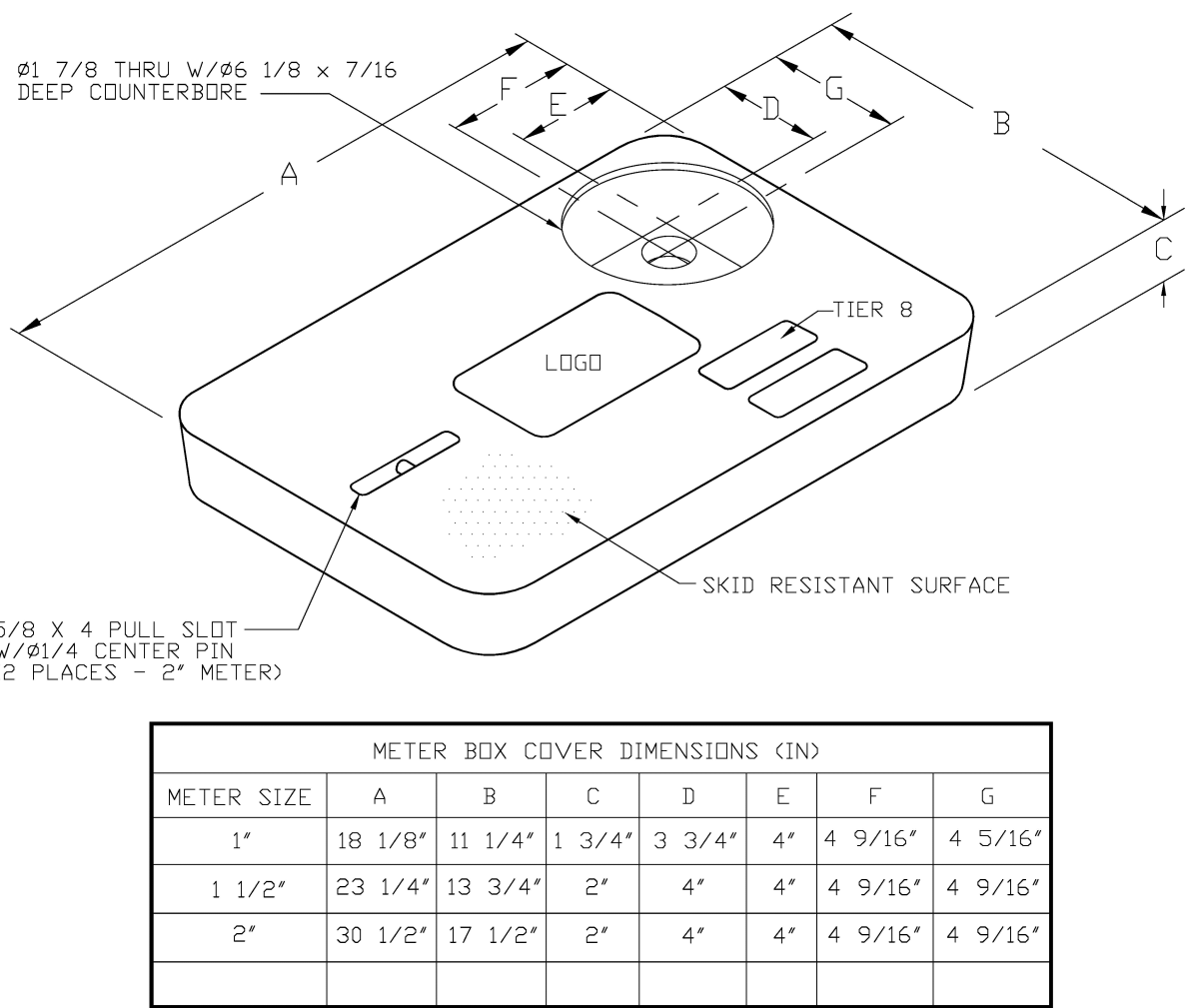
NOTES:

1. ALL METERS WILL BE SUPPLIED AND INSTALLED BY CDPB 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)
3/8"	7.5	4.56
1"	10.75	5.75

METER BOX INSTALLATION

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



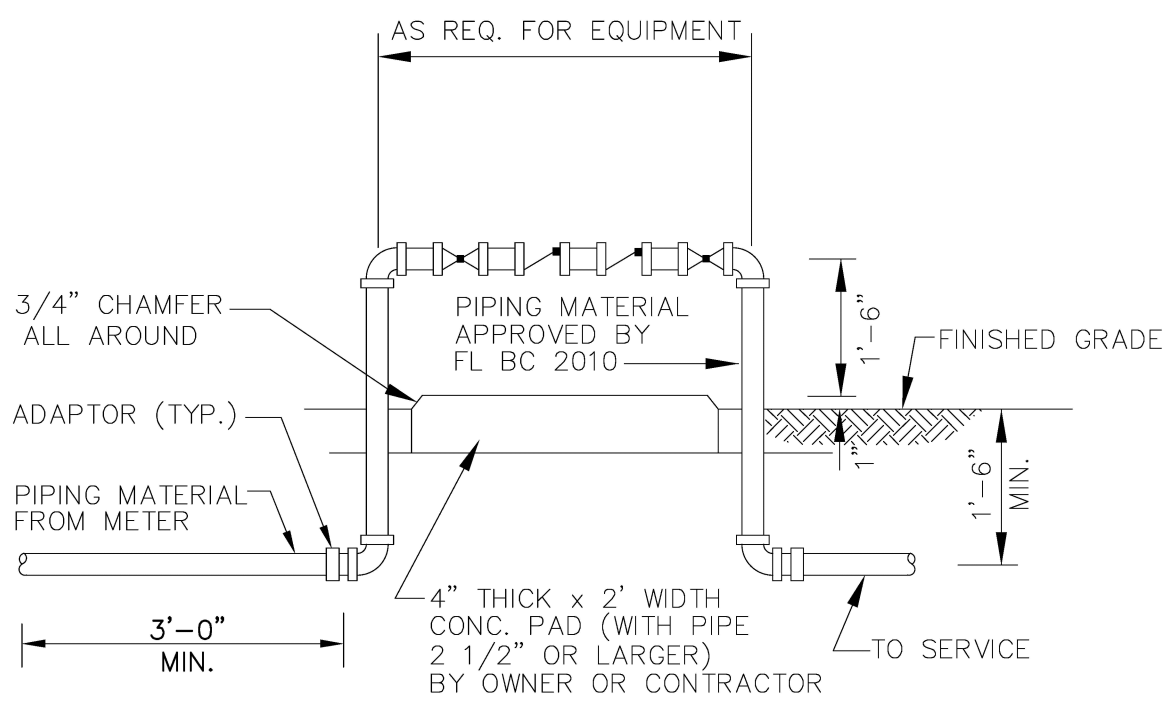
METER BOX COVER DIMENSIONS (IN)							
METER SIZE	A	B	C	D	E	F	G
1"	18 1/8"	11 1/4"	1 3/4"	3 3/4"	4"	4 9/16"	4 5/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"	4 9/16"

NOTES

1. CUSTOMER IS CITY OF POMPANO BEACH FLORIDA. LOGO TO BE SPECIFIED: CITY OF POMPANO BEACH POTABLE WATER
2. FITS NEPTUNE R460 ANTENNA
3. 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 (53,376 N).
4. METER BOX COVER SHOULD BE RATED FOR TRAFFIC CONDITION AS DETERMINED BY ENGINEER OF RECORD.

POTABLE WATER METER BOX COVER

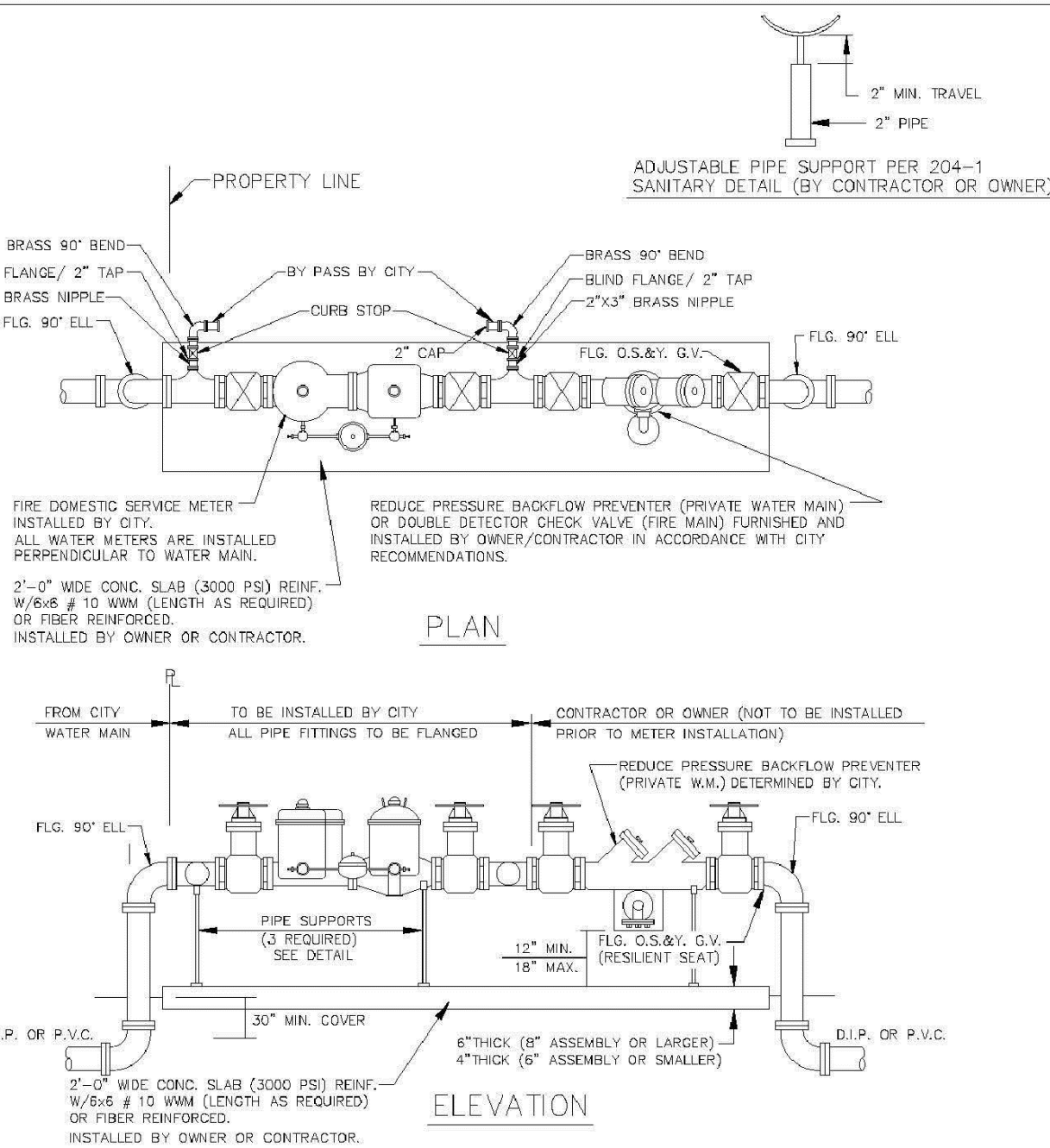
ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	11-2012	CITY OF POMPANO BEACH
			SCALE: N.T.S.
			TYPICAL METER BOX COVER
			DATE: JAN. 2022 DWG. NO. 105-3



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 2022			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	05-2011	CITY OF POMPANO BEACH
	S.S.	03-2009	
	S.S.	11-2012	
	S.S.	01-2013	
			SCALE: N.T.S.
			BACKFLOW PREVENTER
			DATE: MAY 2022 DWG. NO. 106-1



MASTER METER AND BACKFLOW DEVICE DETAILS
FIRE AND DOMESTIC COMBINED SOURCE

NOTES

1. THE BACKFLOW PREVENTER 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 2022			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	05-2011	CITY OF POMPANO BEACH
	S.S.	11-2012	
	S.S.	12-2013	
	S.S.	11-2016	
			SCALE: N.T.S.
			MASTER METER AND BACKFLOW DEVICE
			DATE: MAY 2022 DWG. NO. 106-2