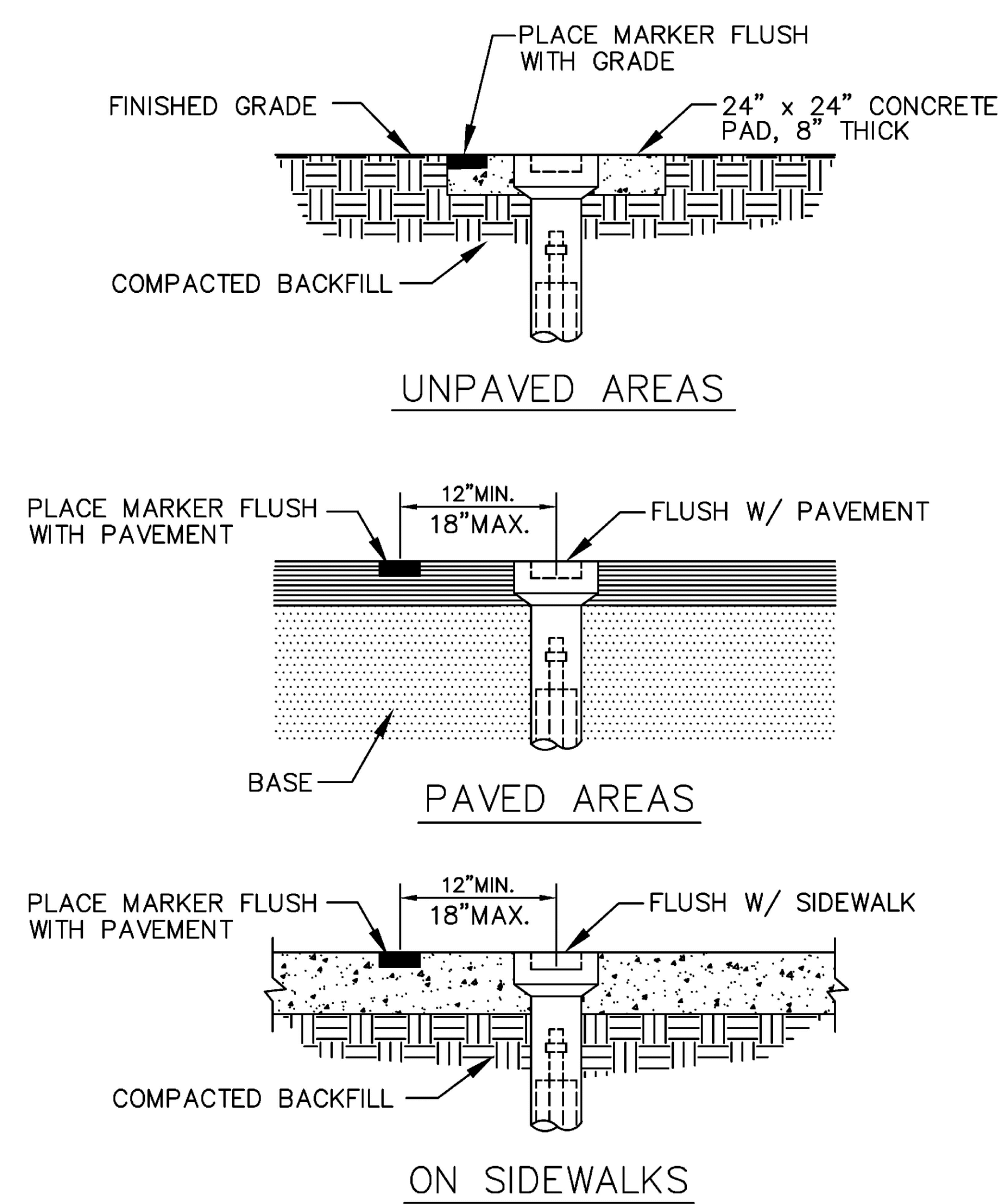


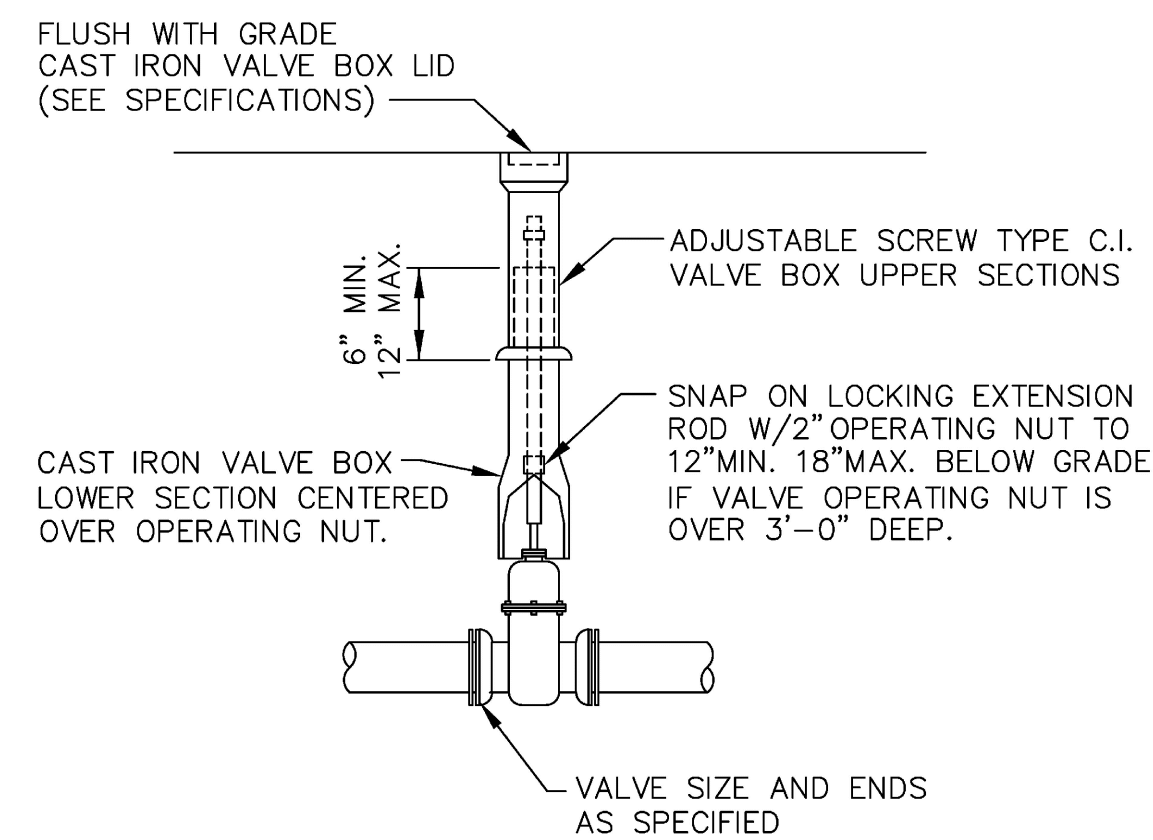
ALL D.I.P. TO BE PAINTED  
BLUE ON TOP HALF OF PIPE.

ENGINEERING STANDARDS 2025			
REVISIONS BY DATE S.S. 04-2005		ENGINEERING DIVISION CITY OF POMPANO BEACH	
		SAMPLE POINT (MAIN)	
			DATE: MAY 2022 DWG. NO. 100-1
		SCALE: N.T.S.	



## VALVE BOX SETTINGS

ENGINEERING STANDARDS 2025			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	VALVE BOX SETTINGS
BY	DATE		
S.S.	04-2005		
SCALE: N.T.S.		DATE: MAY 2022	DWG. NO.
			102-1

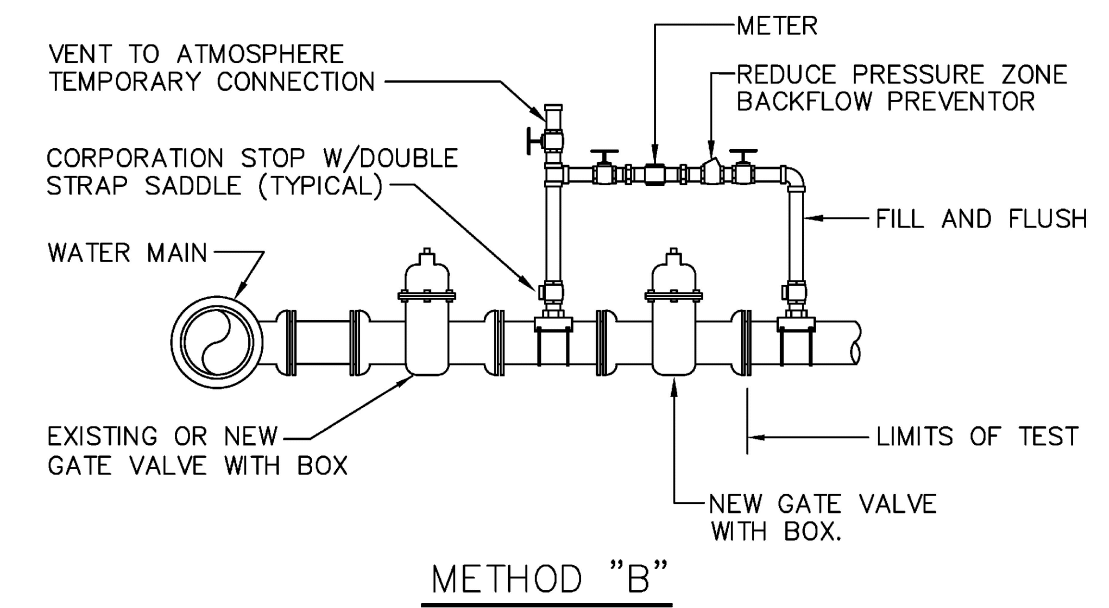


## GATE OR PLUG VALVE SETTING

USE MEGALUGS AT ALL PIPE JOINTS

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

ENGINEERING STANDARDS 2025			
REVISIONS BY DATE S.S. 04-2005 T.W. 11-2007  SCALE: N.T.S.		GATE OR PLUG VALVE SETTINGS  DATE: MAY 2022 DWG. NO. 103-1	



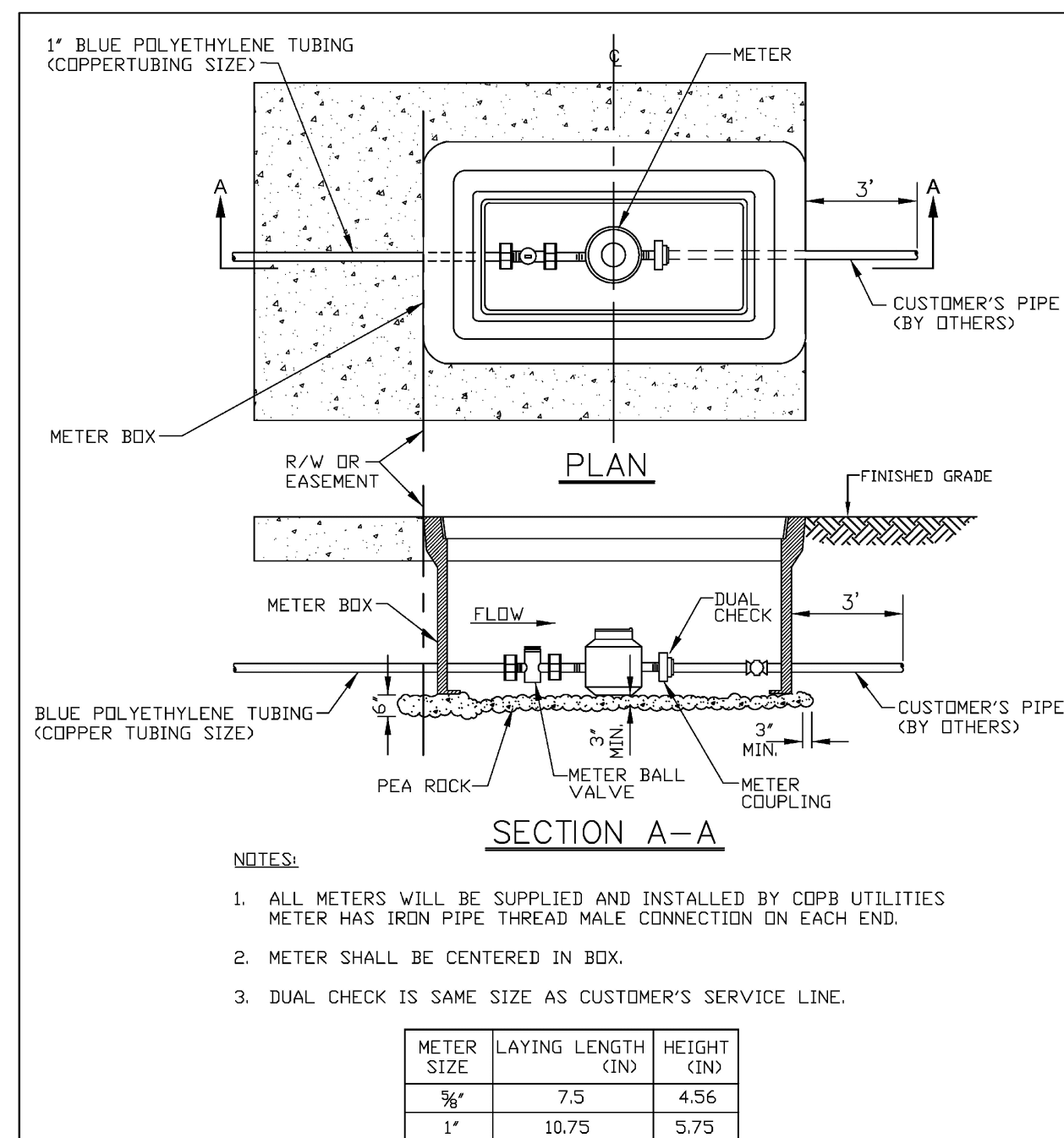
NOTES:

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 2025			
REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	FILLING / FLUSHING CONNECTION
BY	DATE		
S.S.	04-2005		
T.W.	11-2007		
S.S.	01-2012		
SCALE: N.T.S.		DATE: MAY 2022 DWG. NO. 104-1	



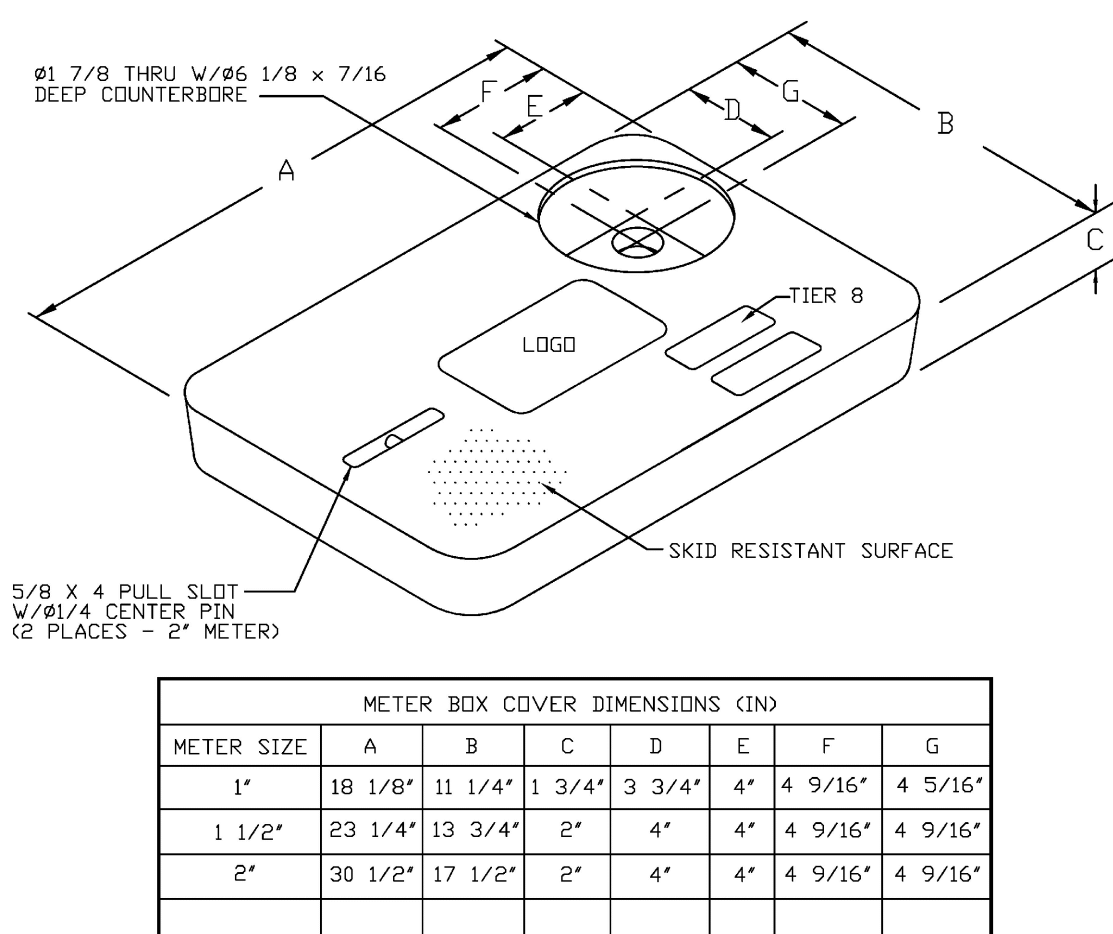
NOTES:

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)
5/8"	7.5	4.56
1"	10.75	5.75

## METER BOX INSTALLATION

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



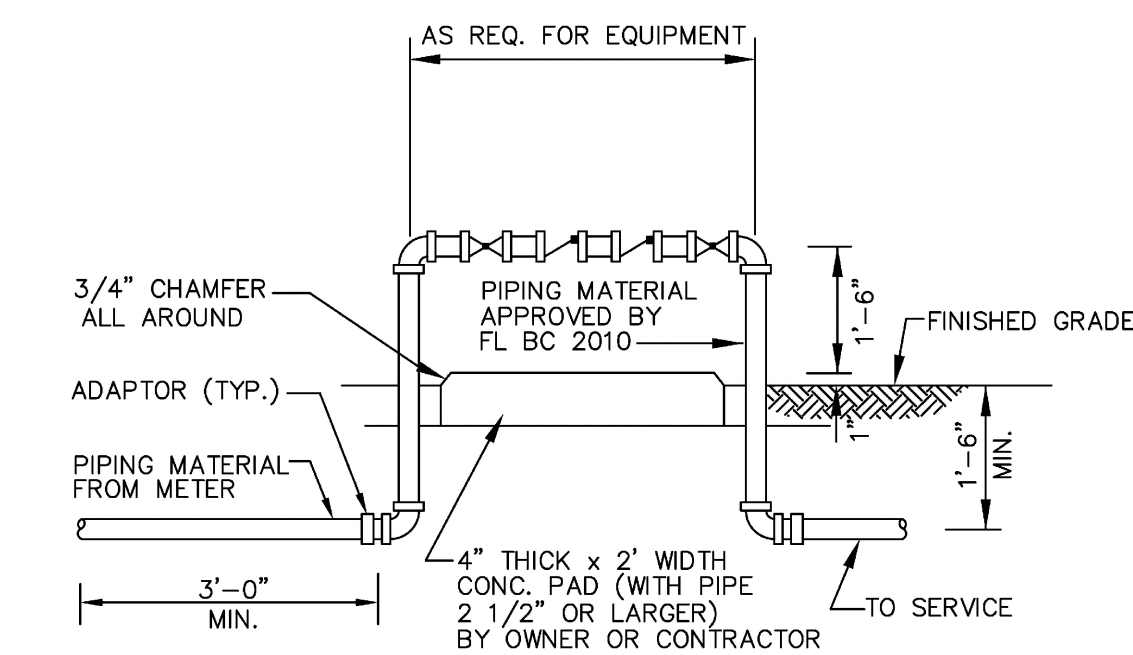
METER BOX COVER DIMENSIONS (IN)							
METER SIZE	A	B	C	D	E	F	G
1"	18 1/8"	11 1/4"	1 3/4"	3 3/4"	4"	4 9/16"	4 5/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"	4 9/16"

NOTES

1. CUSTOMER IS CITY OF POMPAHO BEACH FLORIDA  
LOGO TO BE SPECIFIED: CITY OF POMPAHO BEACH POTABLE WATER
2. FITS NEPTUNE R450 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

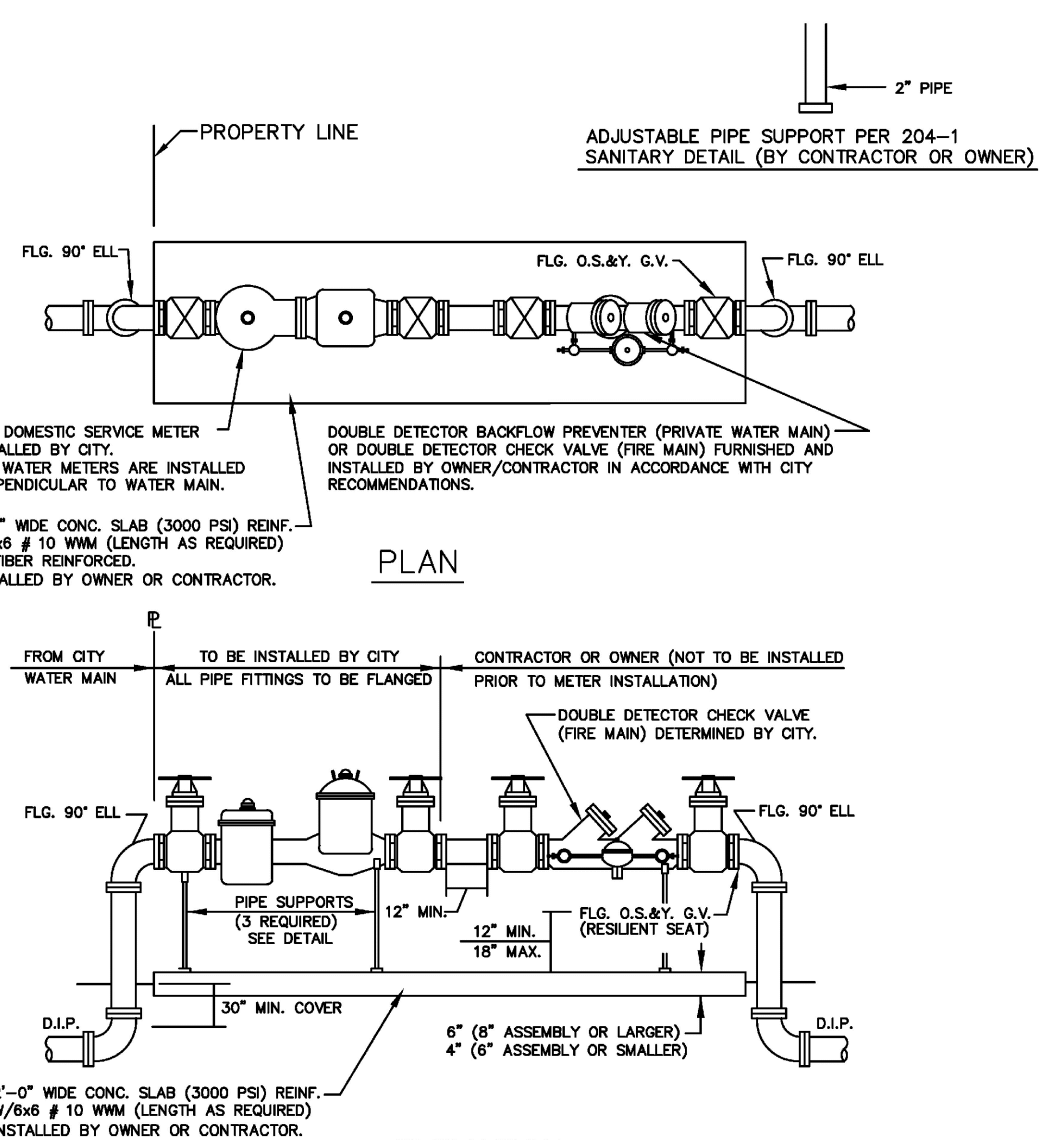
ENGINEERING STANDARDS 2025			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL METER BOX COVER
BY	DATE		
S.S.	11-2012		
SCALE: N.T.S.		DATE: JAN. 2022	105-3
		DWG. NO.	



## 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 POMPANO BEACH	BACKFLOW PREVENTER
BY	DATE		
T.W.	04-2008		
S.S.	03-2009		
S.S.	11-2012		
S.S.	01-2013		
SCALE: N.T.S.		DATE: MAY 2022 DWG. NO. 106-1	

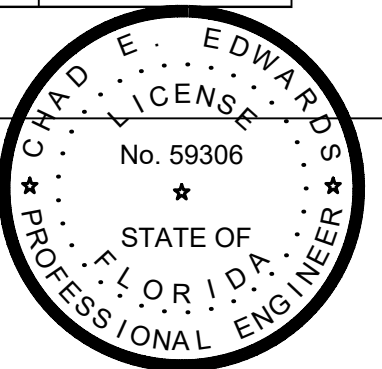


NOTES

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		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	FIRE ONLY METER AND BACKFLOW DEVICE	
BY	DATE			
S.S.	05-2011		DATE: MAY 2022 DWG. NO. <b>106-3</b>	
S.S.	11-2012			
S.S.	12-2013			
S.S.	11-2016	SCALE: N.T.S.		



This document has been digitally signed and sealed by Chad Everett Edwards, P.E. on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.