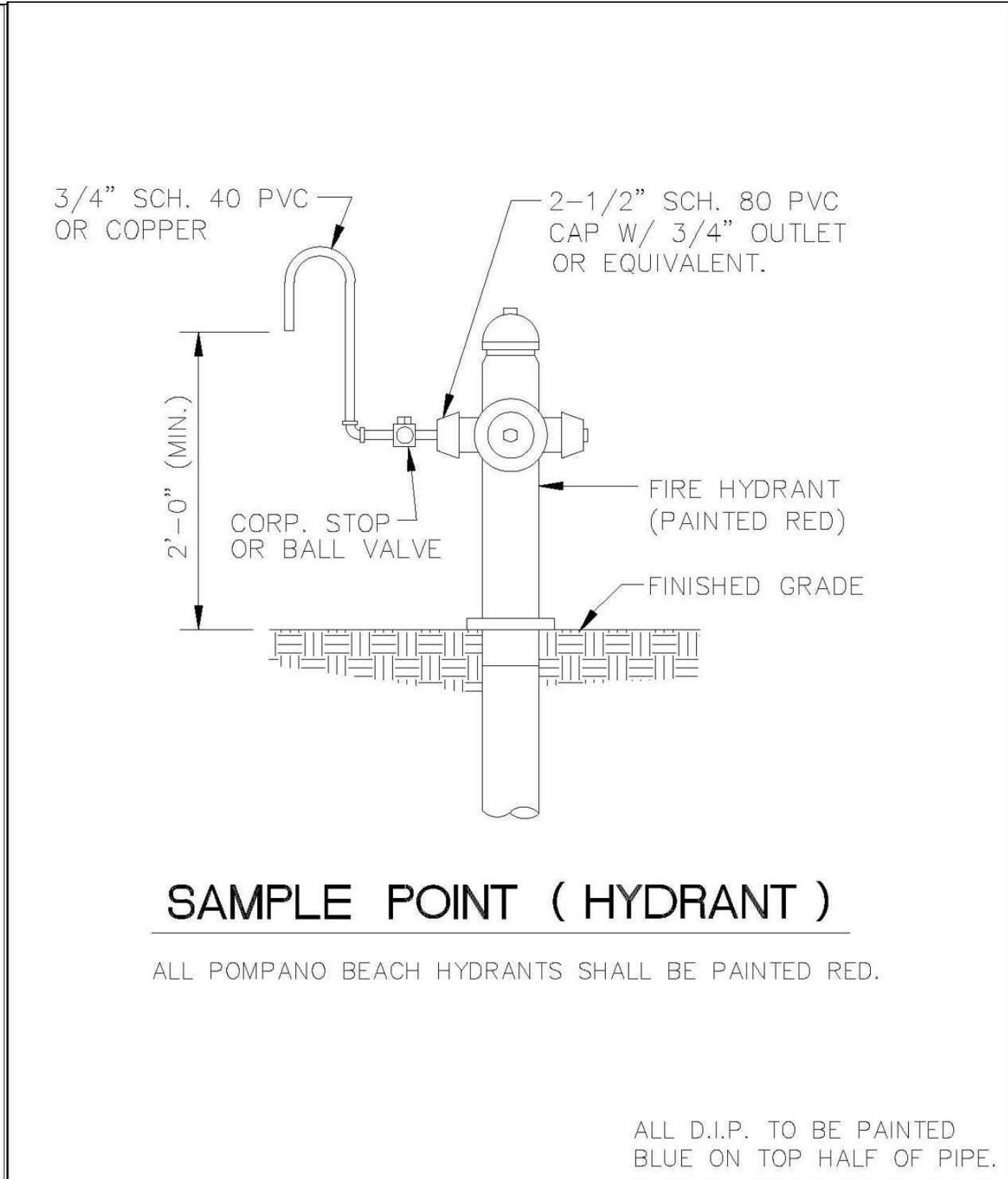


SAMPLE POINT (MAIN)

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

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

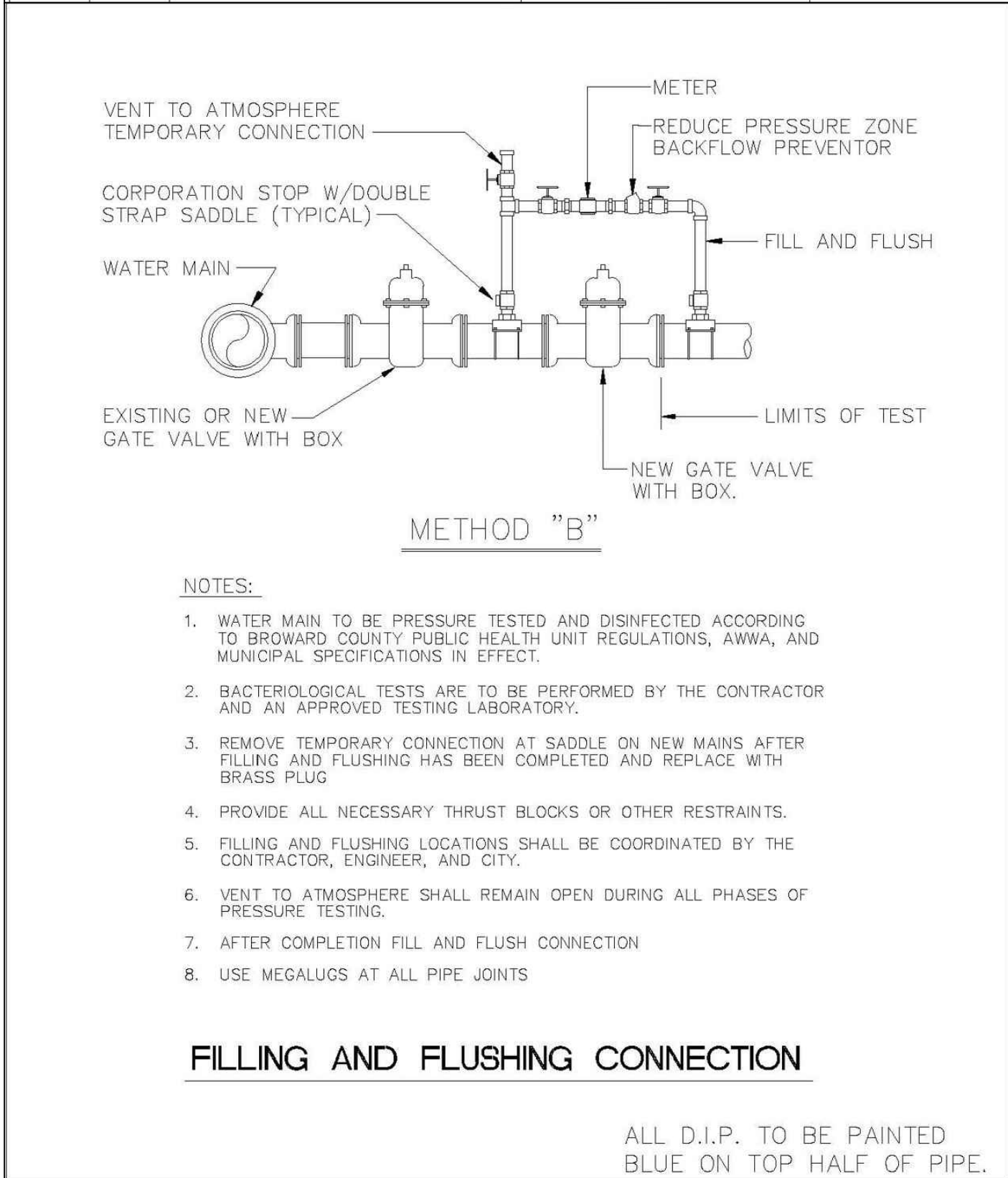


SAMPLE POINT (HYDRANT)

ALL POMPAÑO BEACH HYDRANTS SHALL BE PAINTED RED.

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

ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	SAMPLE POINT (HYDRANT)
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 04-2005		DATE: MAY 2022 DWG. NO.
	SCALE: N.T.S.	101-1



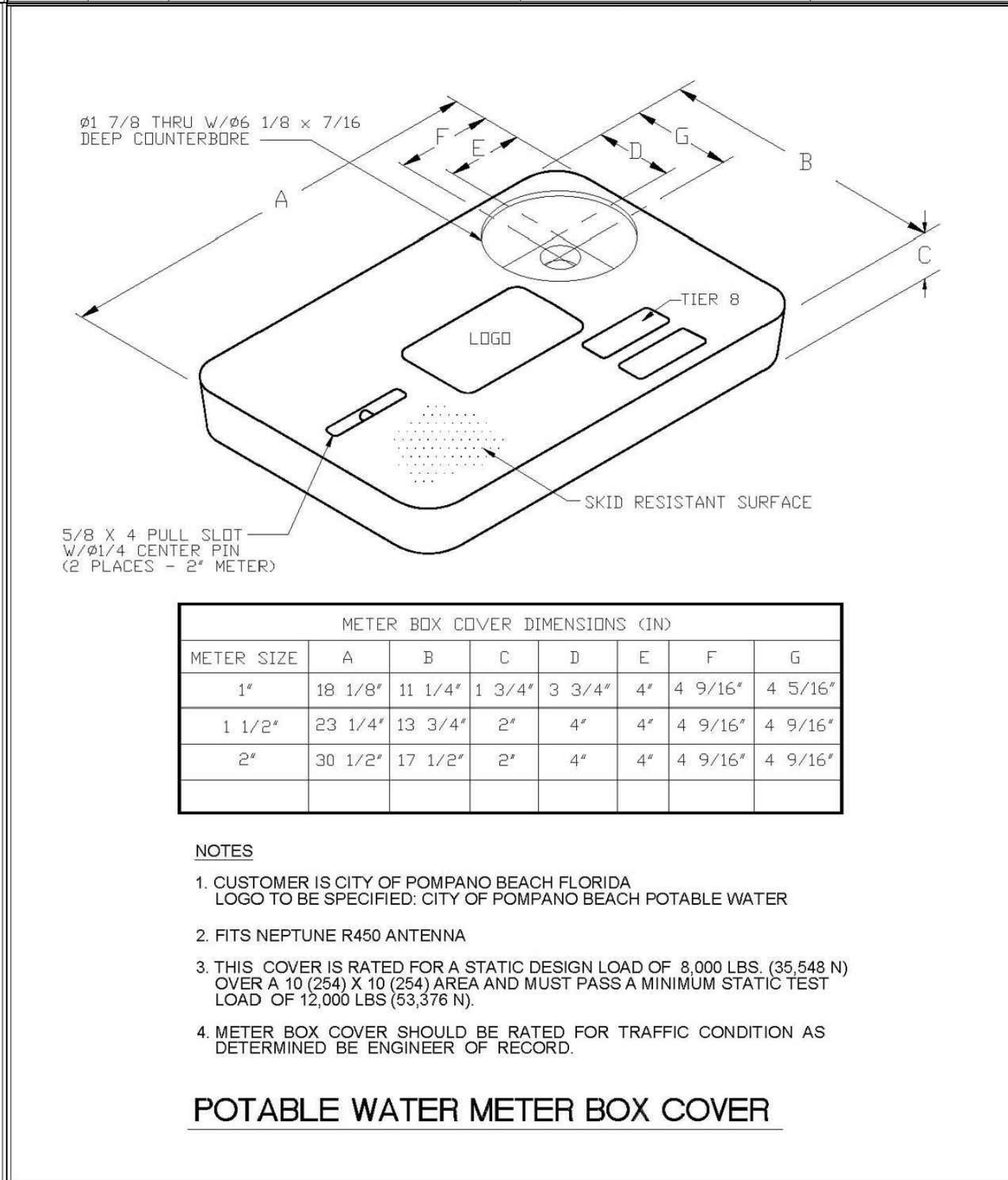
NOTES:

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



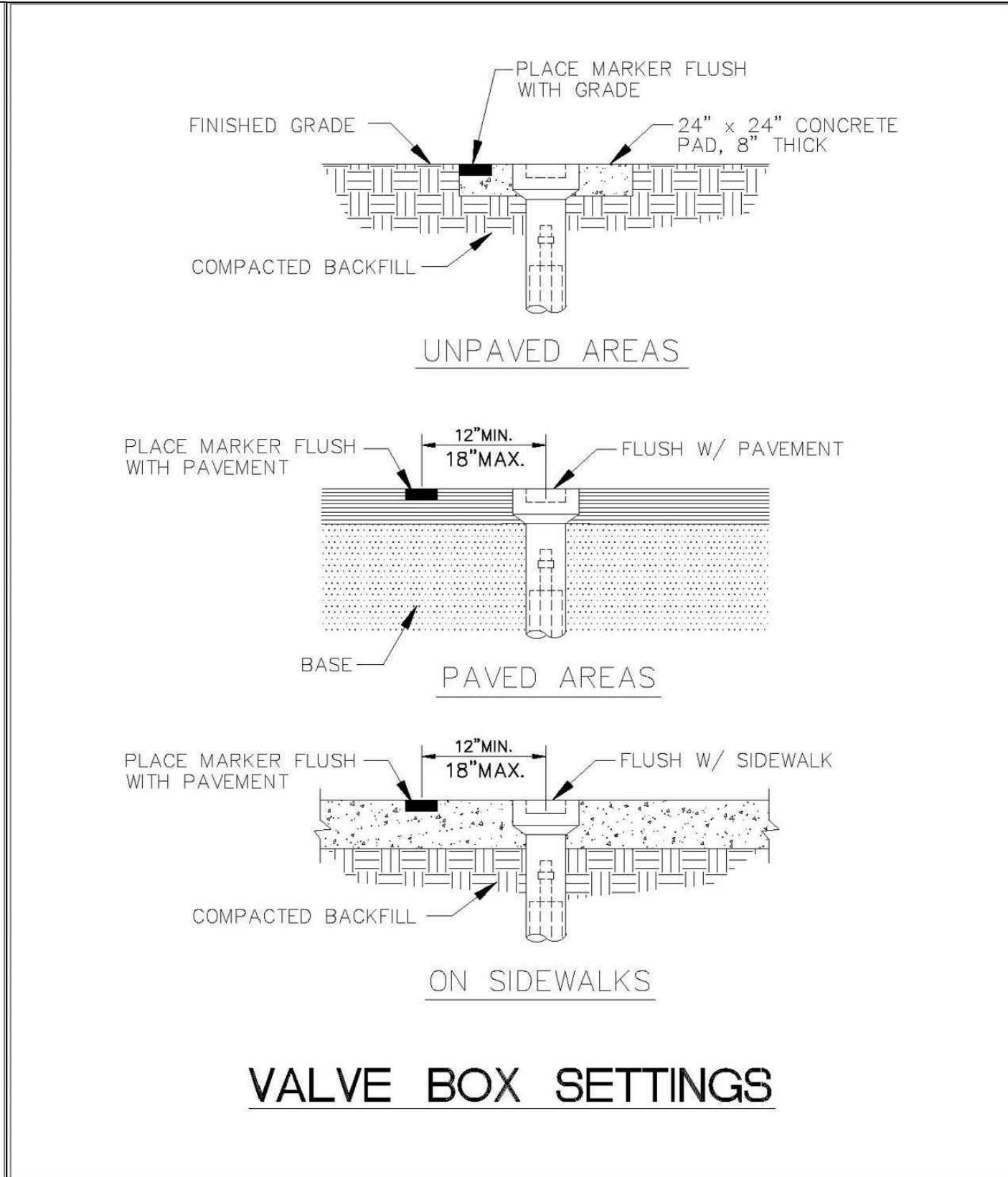
METER BOX COVER DIMENSIONS (IN)							
METER SIZE	A	B	C	D	E	F	G
1"	18 1/8"	11 1/4"	1 3/4"	3 3/4"	4"	4 9/16"	4 5/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"	4 9/16"

NOTES

1. CUSTOMER IS CITY OF POMPAÑO BEACH FLORIDA
LOGO TO BE SPECIFIED: CITY OF POMPAÑO 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 (53,378 N).
4. METER BOX COVER SHOULD BE RATED FOR TRAFFIC CONDITION AS DETERMINED BY ENGINEER OF RECORD.

POTABLE WATER METER BOX COVER

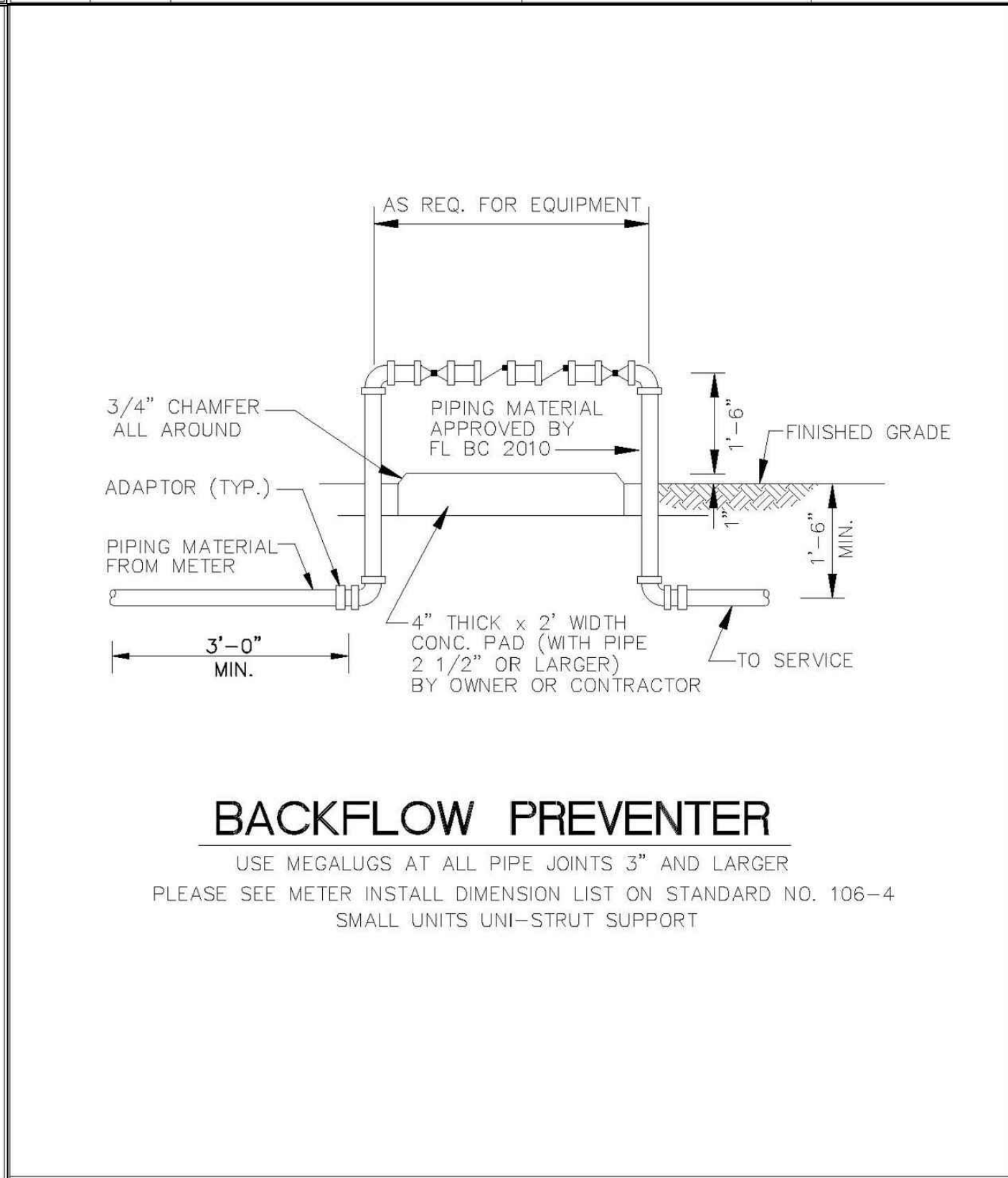
ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	TYPICAL METER BOX COVER
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 11-2012		DATE: JAN. 2022 DWG. NO.
	SCALE: N.T.S.	105-3



VALVE BOX SETTINGS

ENGINEERING STANDARDS 2022

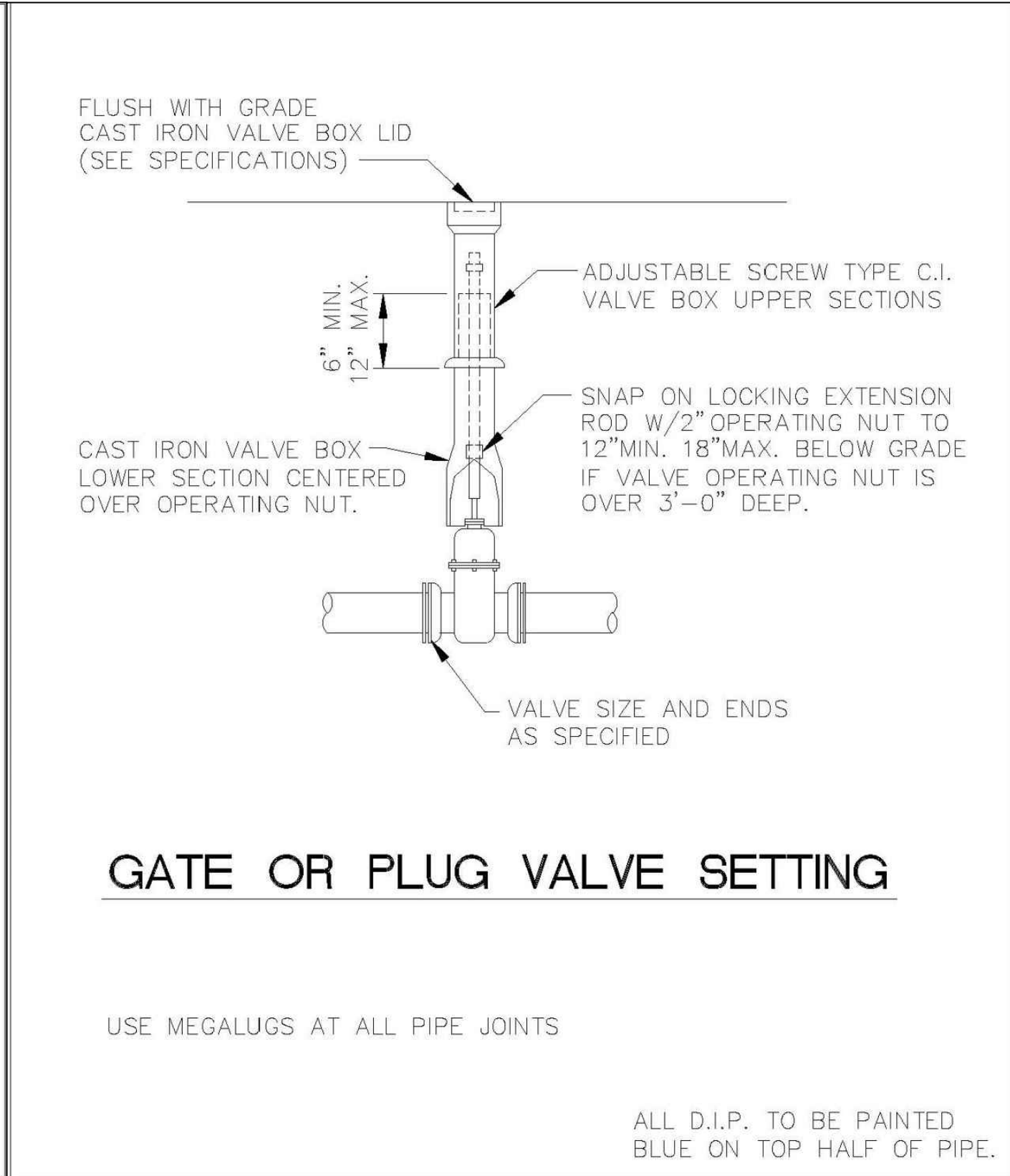
REVISIONS	ENGINEERING DIVISION	VALVE BOX SETTINGS
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 04-2005		DATE: MAY 2022 DWG. NO.
	SCALE: N.T.S.	102-1



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

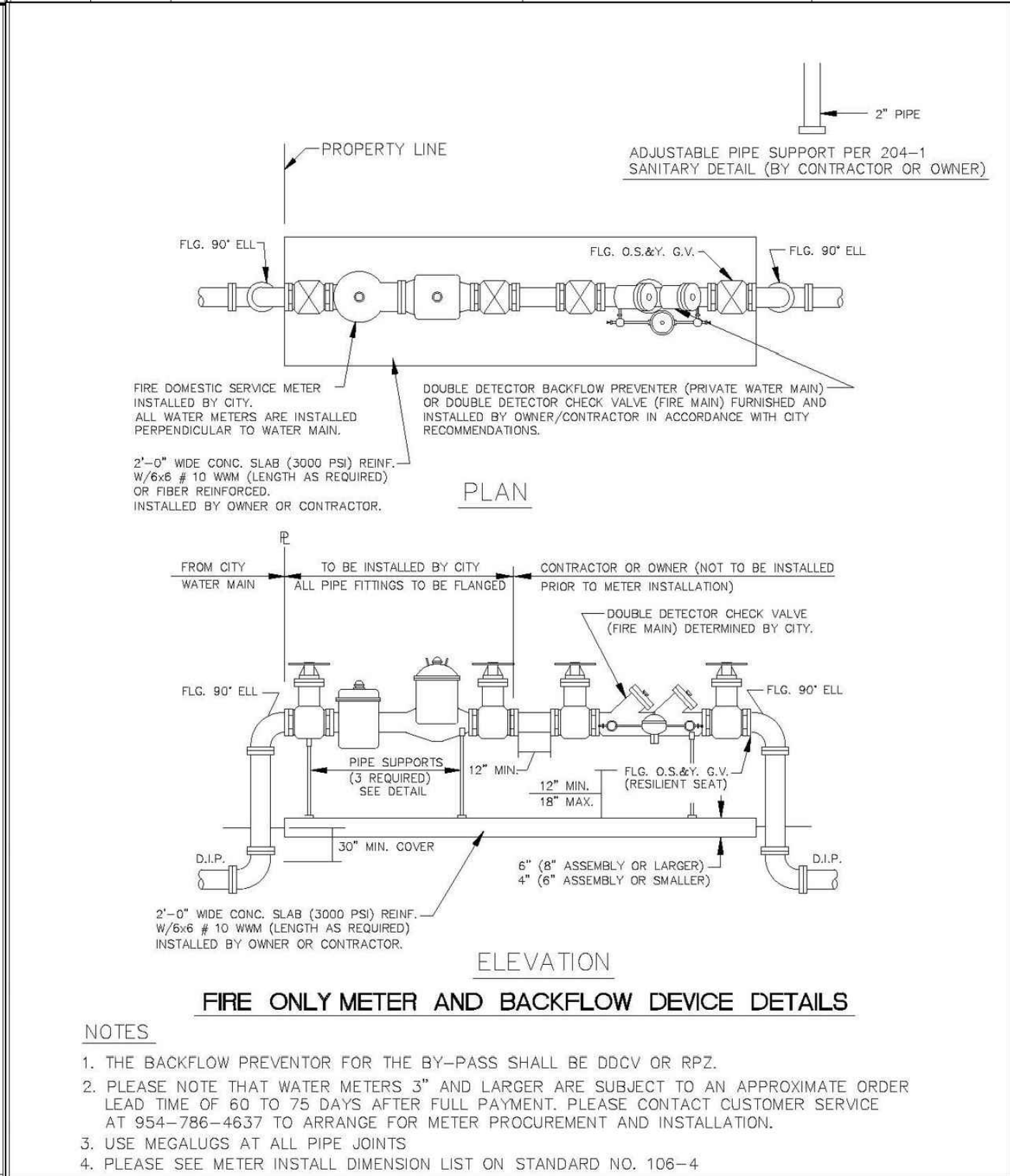
ENGINEERING STANDARDS 2022		
REVISIONS	ENGINEERING DIVISION	BACKFLOW PREVENTER
BY DATE	CITY OF POMPAÑO BEACH	
T.W. 04-2008		DATE: MAY 2022 DWG. NO.
S.S. 03-2009	SCALE: N.T.S.	106-1
S.S. 11-2012		
S.S. 01-2013		



GATE OR PLUG VALVE SETTING

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

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



FIRE ONLY METER AND BACKFLOW DEVICE DETAILS

NOTES

1. THE BACKFLOW PREVENTER FOR THE BY-PASS SHALL BE DDV 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	ENGINEERING DIVISION	FIRE ONLY METER AND BACKFLOW DEVICE
BY DATE	CITY OF POMPAÑO BEACH	
S.S. 09-2011		DATE: MAY 2022 DWG. NO.
S.S. 11-2012	SCALE: N.T.S.	106-3
S.S. 12-2013		
S.S. 11-2016		

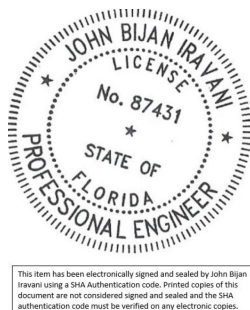
DRC
PZ22-12000026
10/02/2024

Jeff H. Iravani, Inc.
Consulting Engineers
1934 COMMERCE LANE, SUITE 5
JUPITER, FLORIDA 33458
TEL: (561) 575-6030
FAX: (561) 575-6088
WEBSITE: www.jhinc.com
EMAIL: jh@jellsouth.net

201 SW 12th Ave

Water & Wastewater
Details

DATE	SCALE	DESIGNED BY	DRAWN BY	JOB NO.
01/28/2023	N.T.S.	JBI	JBI	2208-1411



Digitally signed by
John Iravani
Date: 2024.08.12
08:10:46 -04'00'

SEAL

FR # 6986
SHEET NO.
C-10