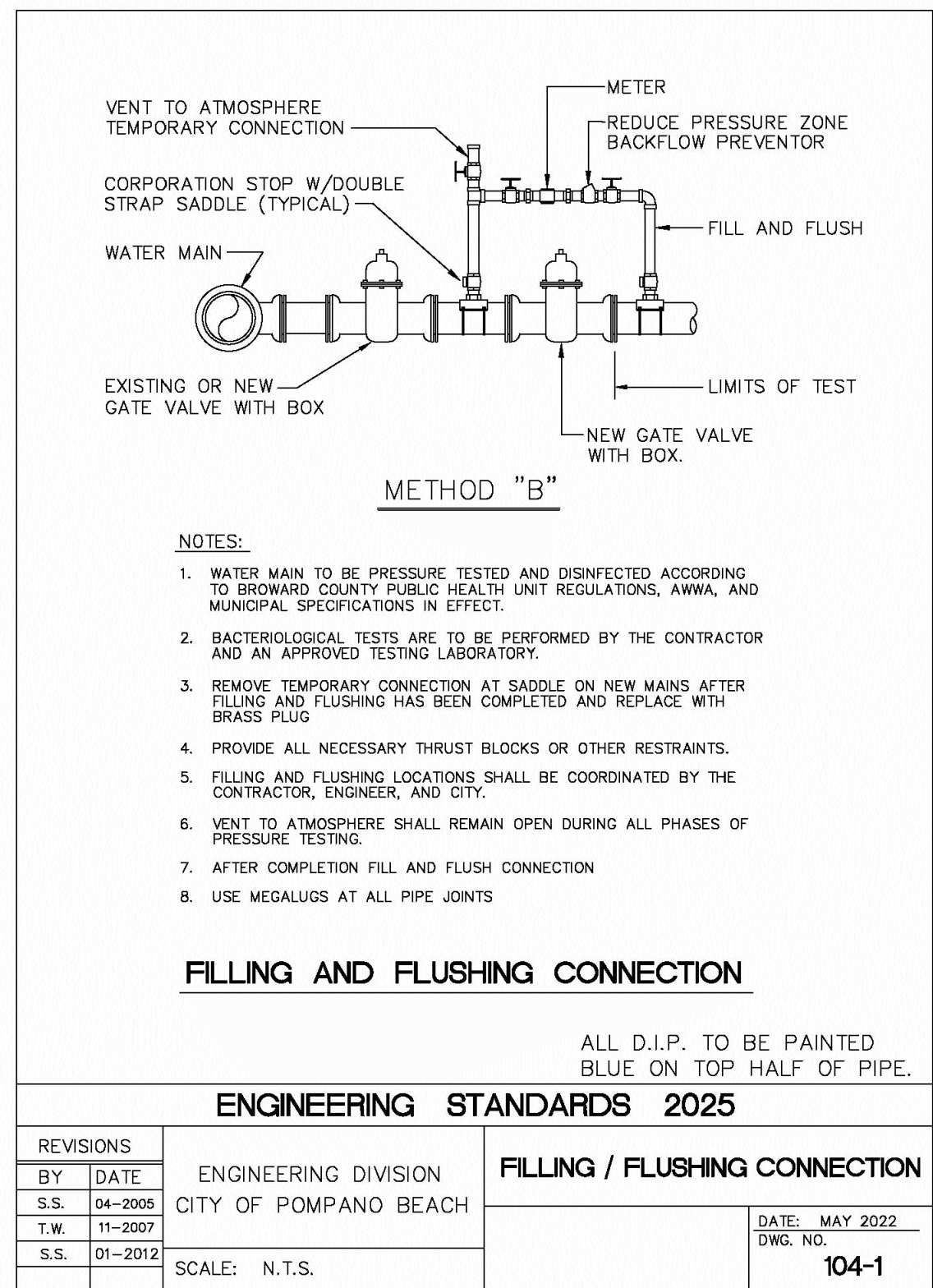


SAMPLE POINT ( MAIN )

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

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



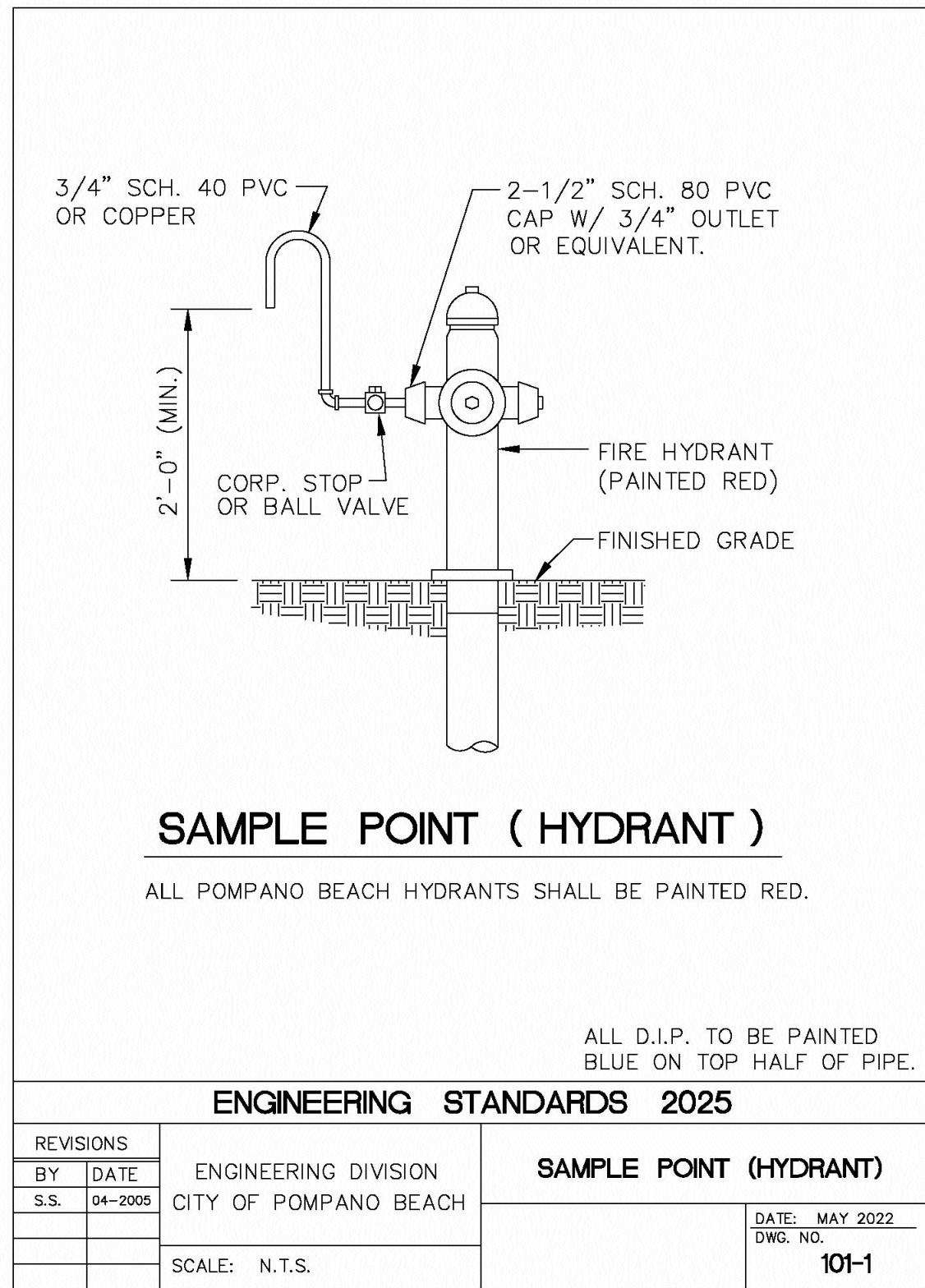
NOTES:

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.

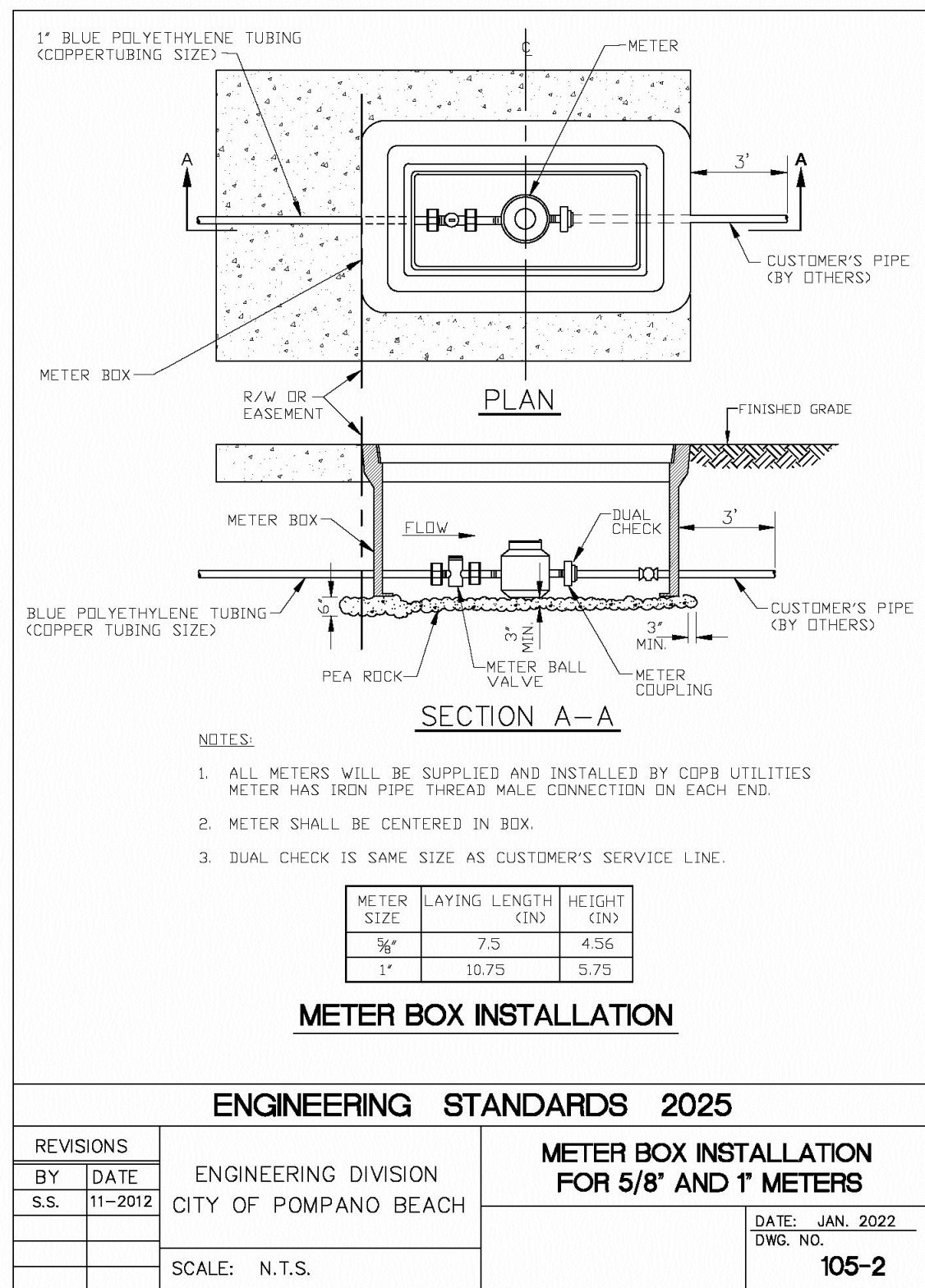
ENGINEERING STANDARDS 2025			FILLING / FLUSHING CONNECTION	
REVISIONS	BY	DATE	ENGINEERING DIVISION	
	S.S.	04-2005	CITY OF POMPAÑO BEACH	
	T.W.	11-2007		
	S.S.	01-2012	SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 104-1



SAMPLE POINT ( HYDRANT )

ALL POMPAÑO BEACH HYDRANTS SHALL BE PAINTED RED.

ENGINEERING STANDARDS 2025			SAMPLE POINT (HYDRANT)	
REVISIONS	BY	DATE	ENGINEERING DIVISION	
	S.S.	04-2005	CITY OF POMPAÑO BEACH	
			SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 101-1



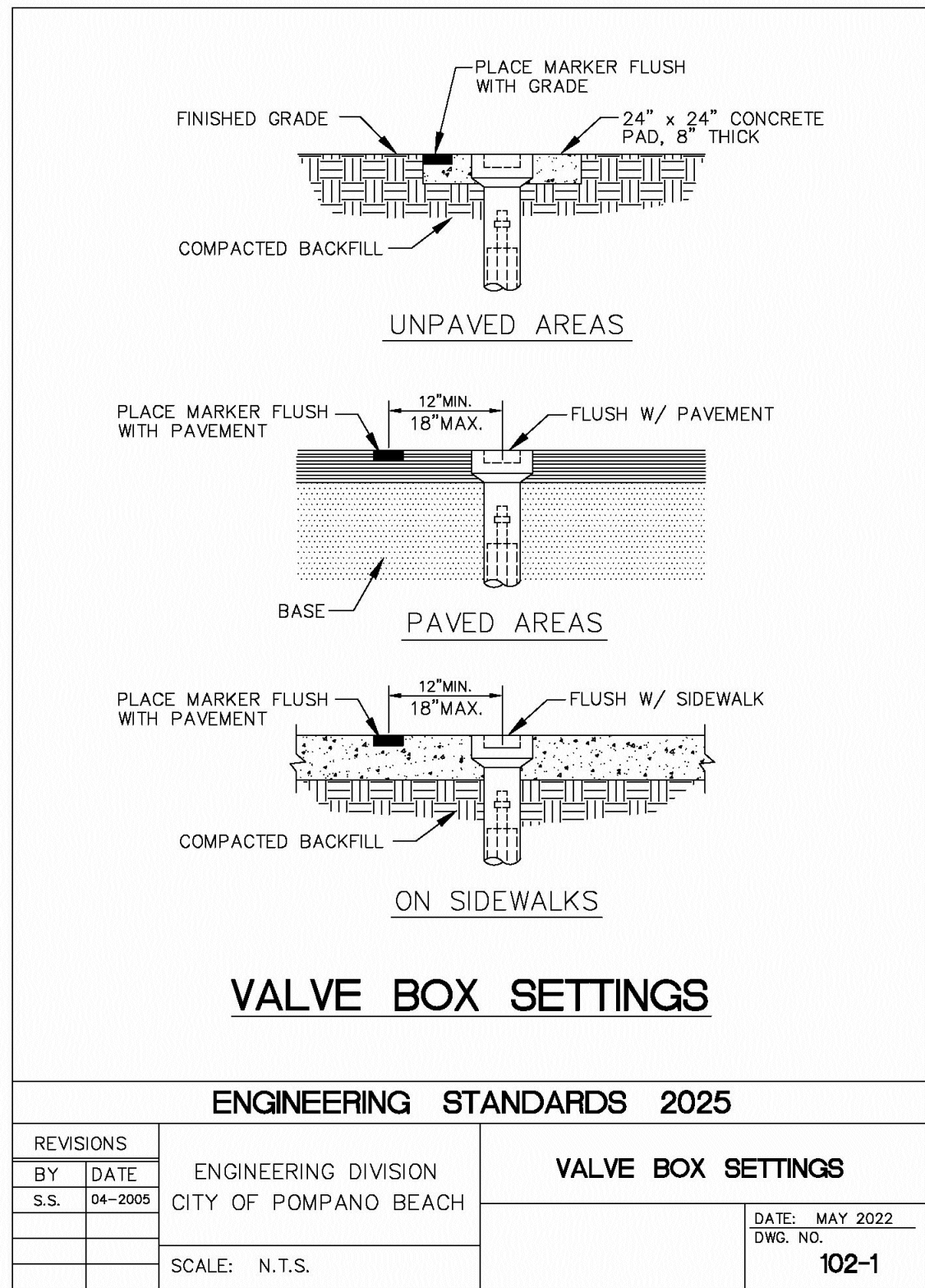
NOTES:

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)
3/4"	7.5	4.56
1"	10.75	5.75

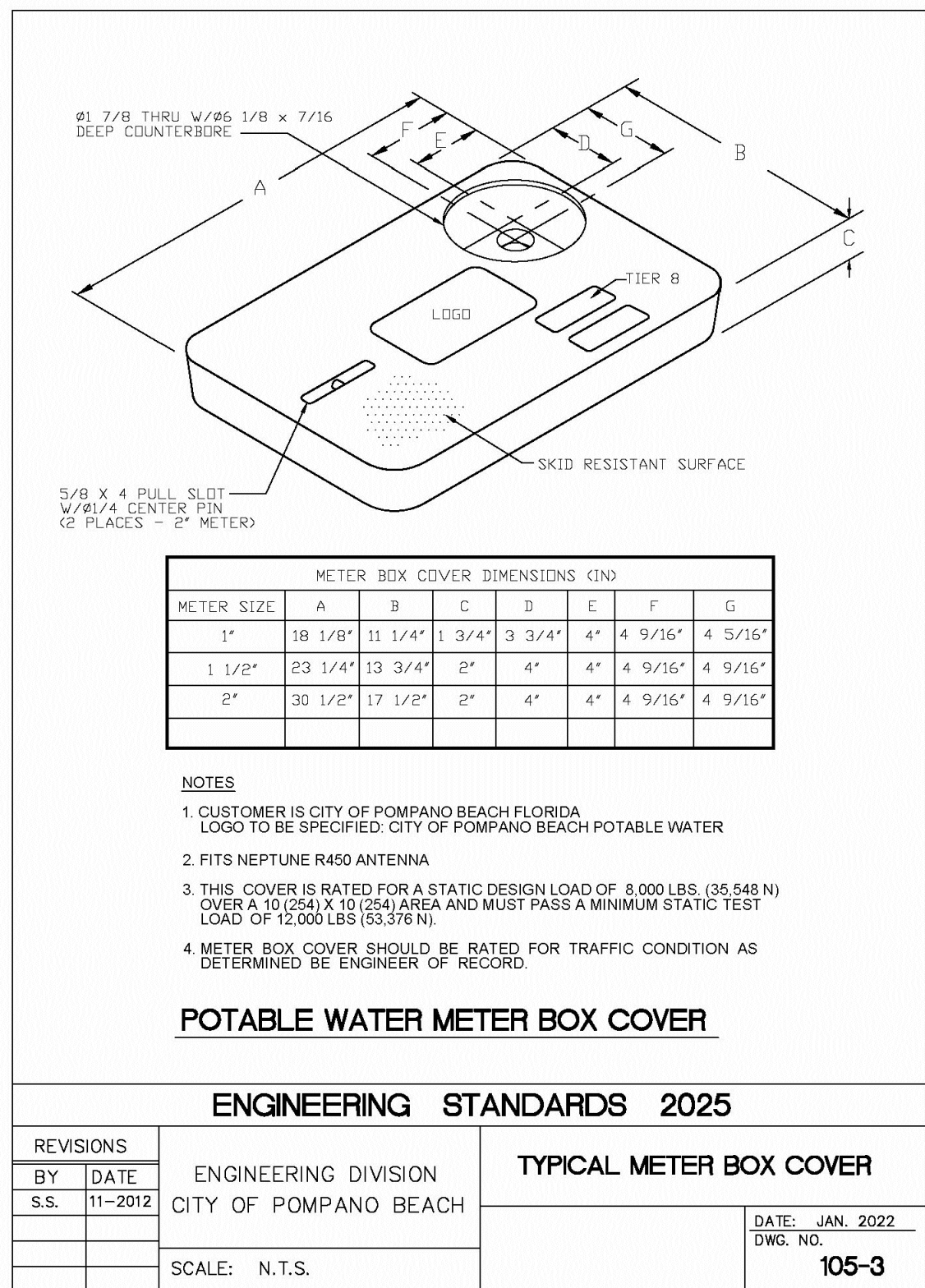
METER BOX INSTALLATION

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



VALVE BOX SETTINGS

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



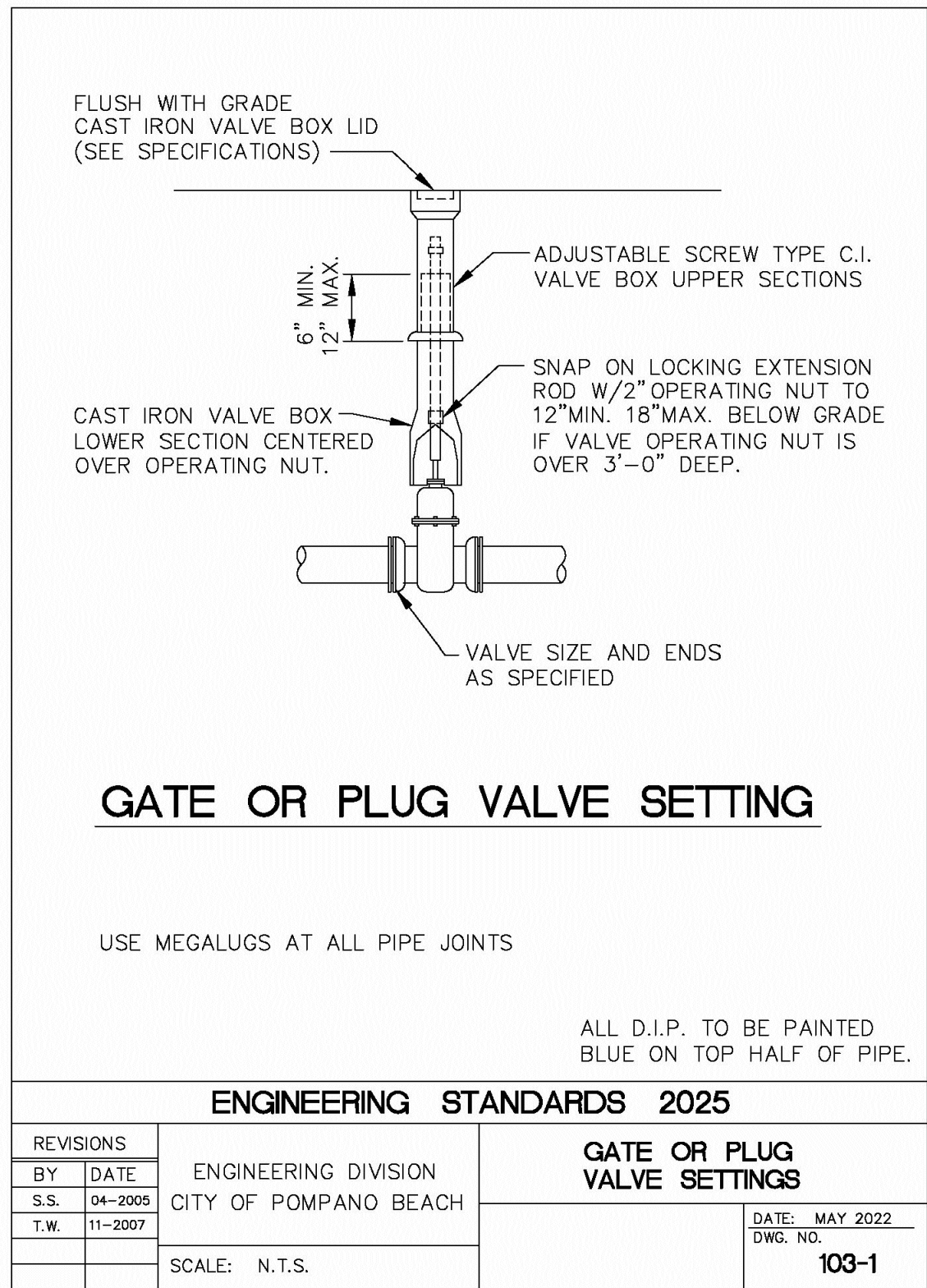
METER BOX COVER DIMENSIONS (IN)						
METER SIZE	A	B	C	D	E	F
1"	19 1/8"	11 1/4"	3 3/4"	3 3/4"	4"	4 9/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"

NOTES:

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. (36,548 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 2025			TYPICAL METER BOX COVER	
REVISIONS	BY	DATE	ENGINEERING DIVISION	
	S.S.	11-2012	CITY OF POMPAÑO BEACH	
			SCALE: N.T.S.	DATE: JAN. 2022 DWG. NO. 105-3

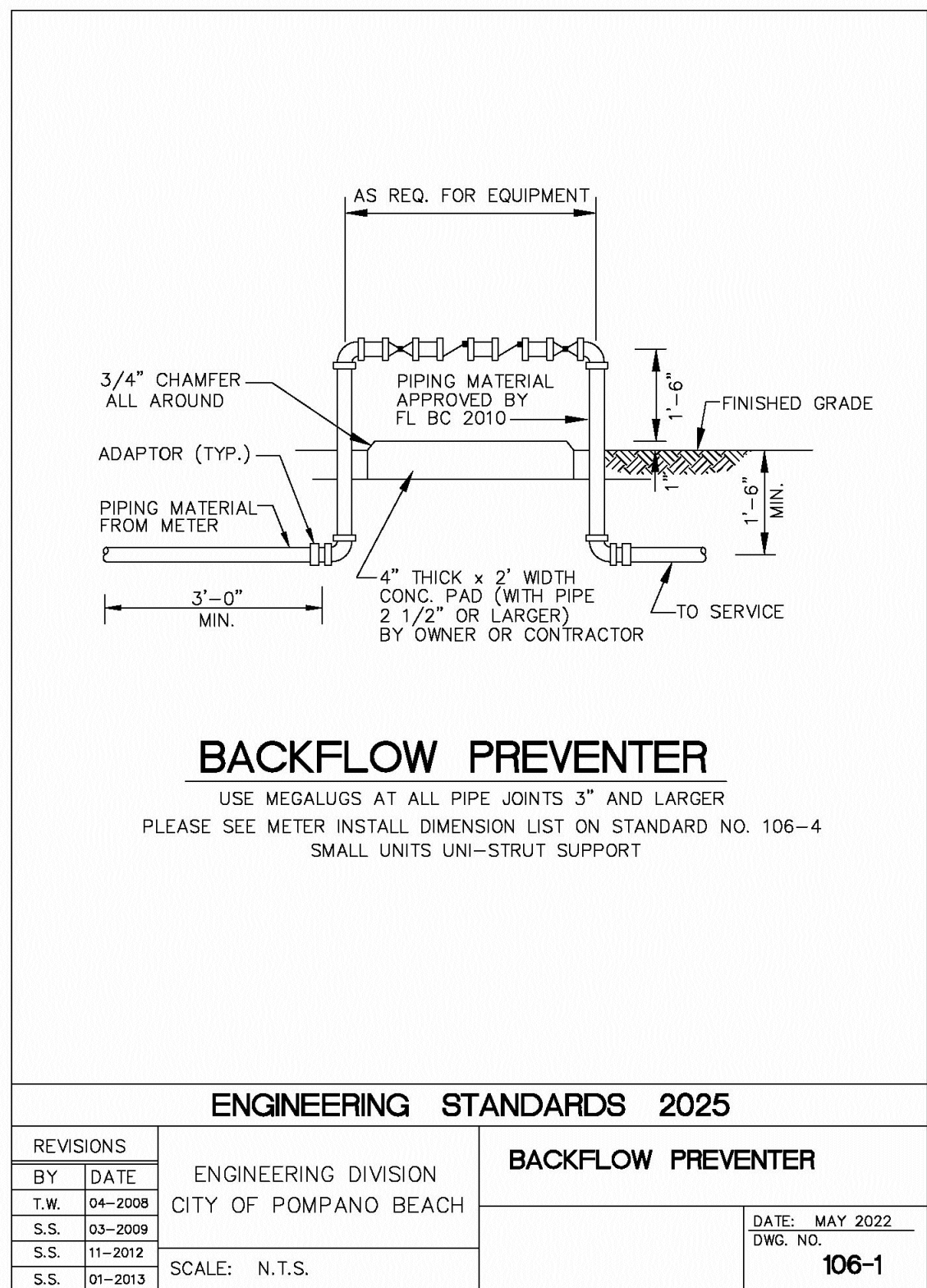


GATE OR PLUG VALVE SETTING

USE MEGALUGS AT ALL PIPE JOINTS

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

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



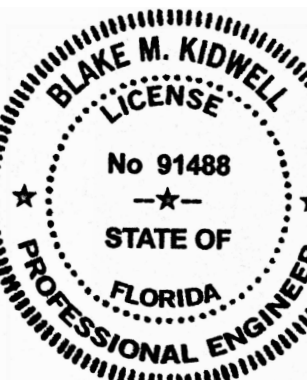
BACKFLOW PREVENTER

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 2025			BACKFLOW PREVENTER	
REVISIONS	BY	DATE	ENGINEERING DIVISION	
	S.S.	04-2005	CITY OF POMPAÑO BEACH	
	S.S.	03-2009		
	S.S.	11-2012	SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 106-1

Revisions	
1	
2	
3	
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10	

Phase:  
PERMIT  
DOCUMENTS



Scale:	Date
N.T.S.	01/27/25
Job No.	Plot Date
24-1832.00	08/19/25
Drawn by	Sheet No.
BMK	C5.1
Proj. Mgr.	
BMK	
Appr. by	of
BMK	

This document has been digitally  
signed and sealed by  
Blake M. Kidwell on 08/19/2025.  
Printed copies of this document are  
considered signed and sealed.

**PZB**

PZ24-12000027  
12/17/2025

**PZB**

PZ24-12000027  
12/19/2025