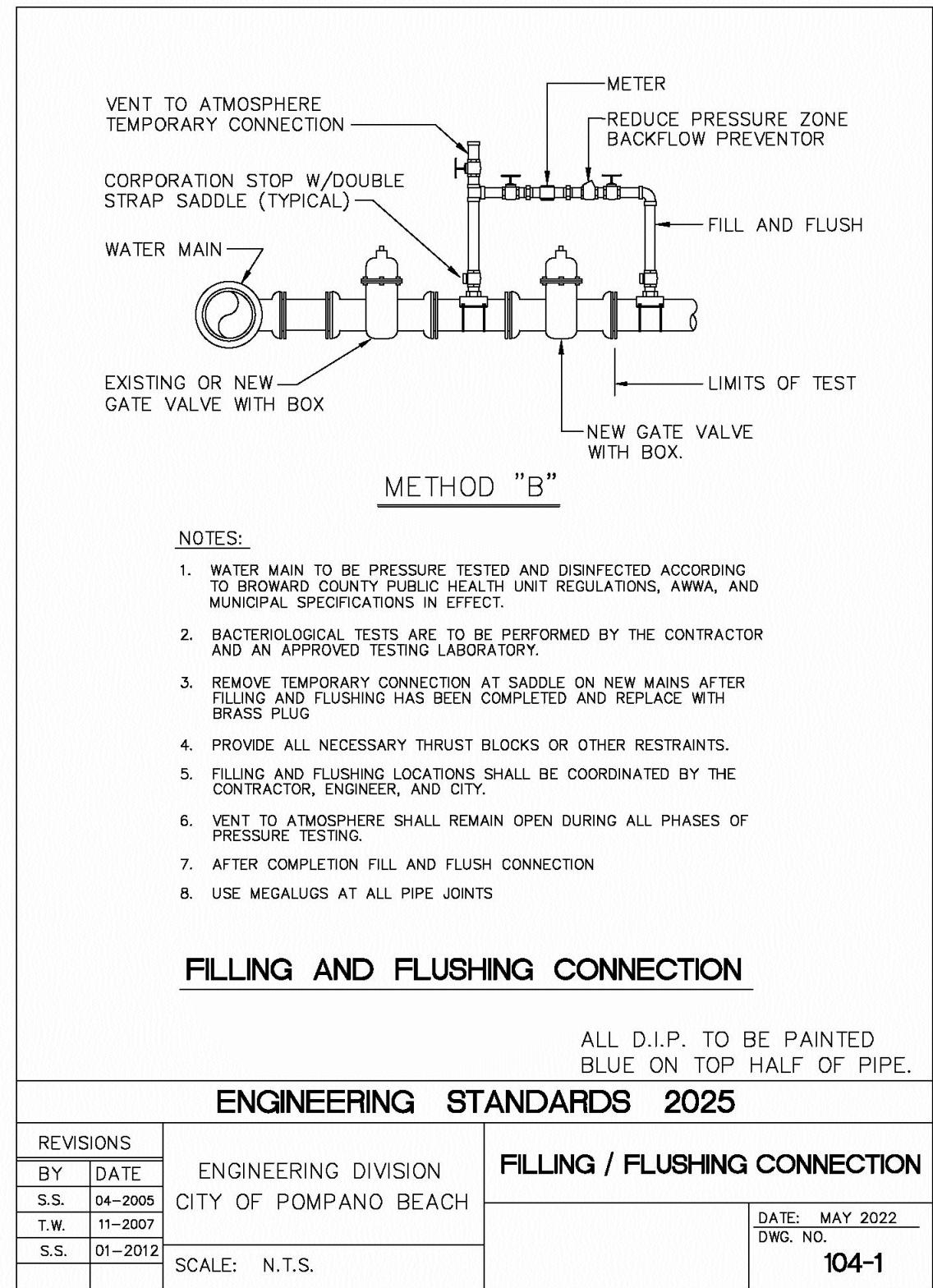


SAMPLE POINT (MAIN)

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

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



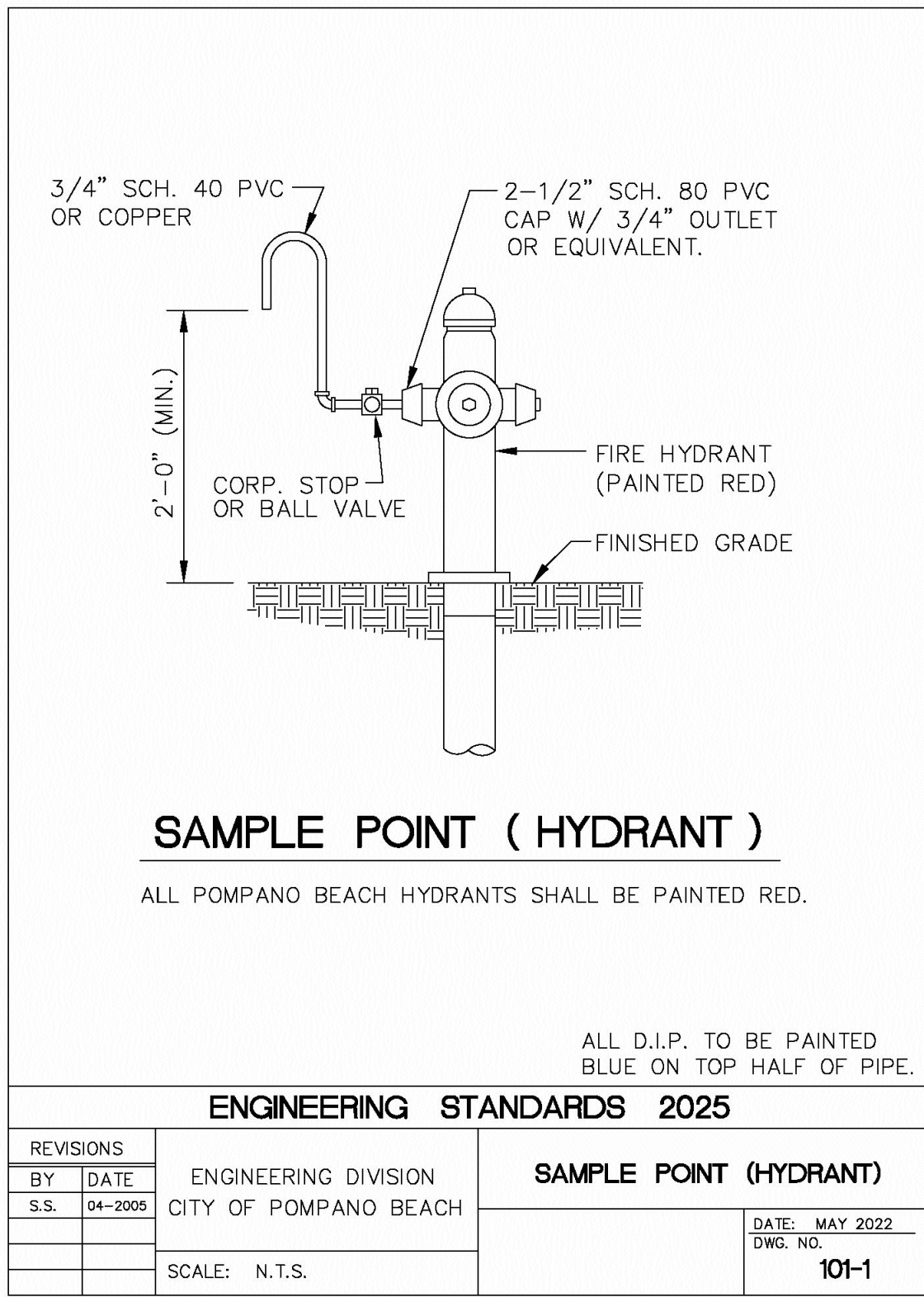
METHOD "B"

- 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.

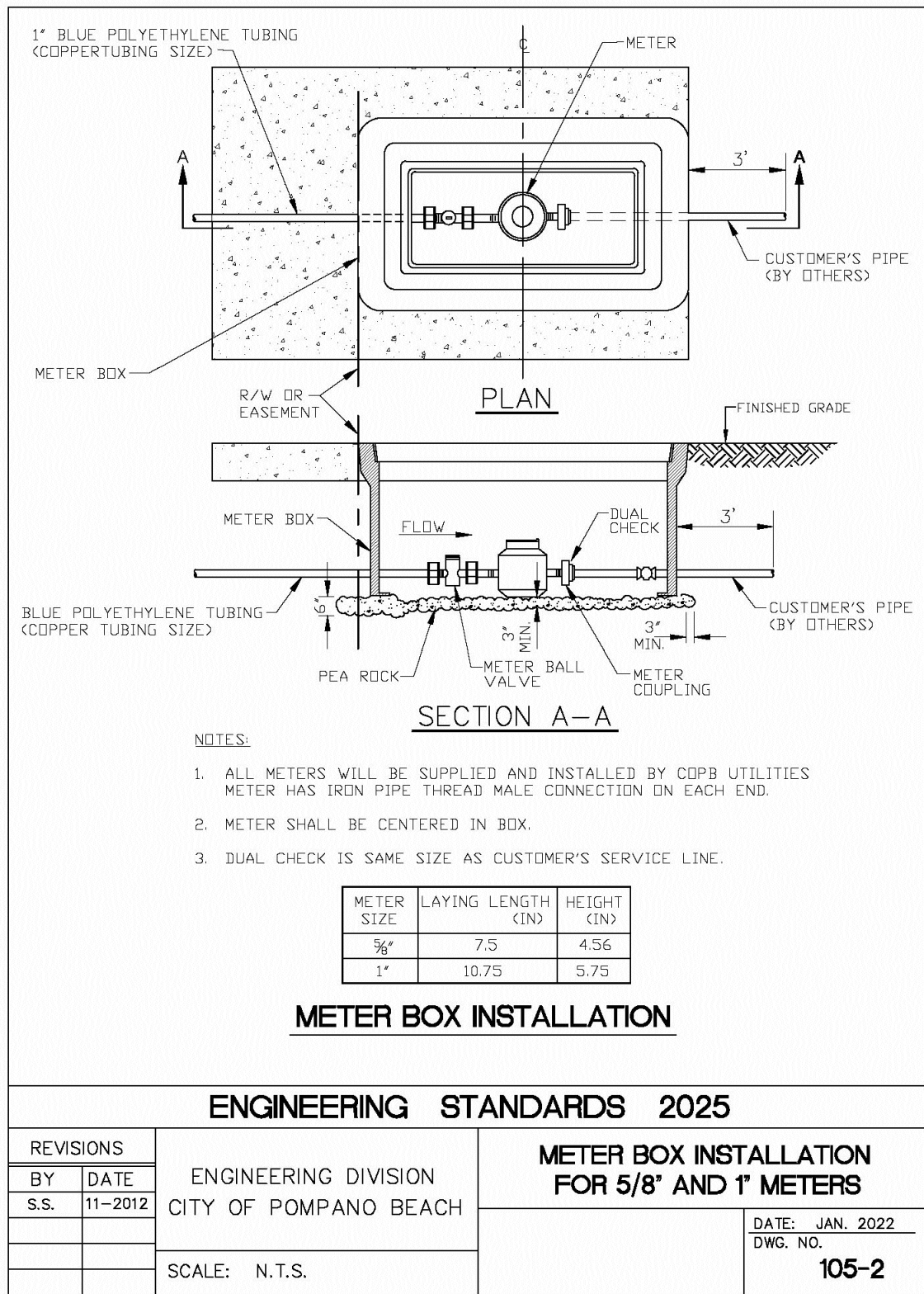
ENGINEERING STANDARDS 2025			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	04-2005	CITY OF POMPAÑO BEACH
	T.W.	11-2007	
	S.S.	01-2012	
			SCALE: N.T.S.
			FILLING / FLUSHING CONNECTION
			DATE: MAY 2022
			DWG. NO. 104-1



SAMPLE POINT (HYDRANT)

ALL POMPAÑO BEACH HYDRANTS SHALL BE PAINTED RED.

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



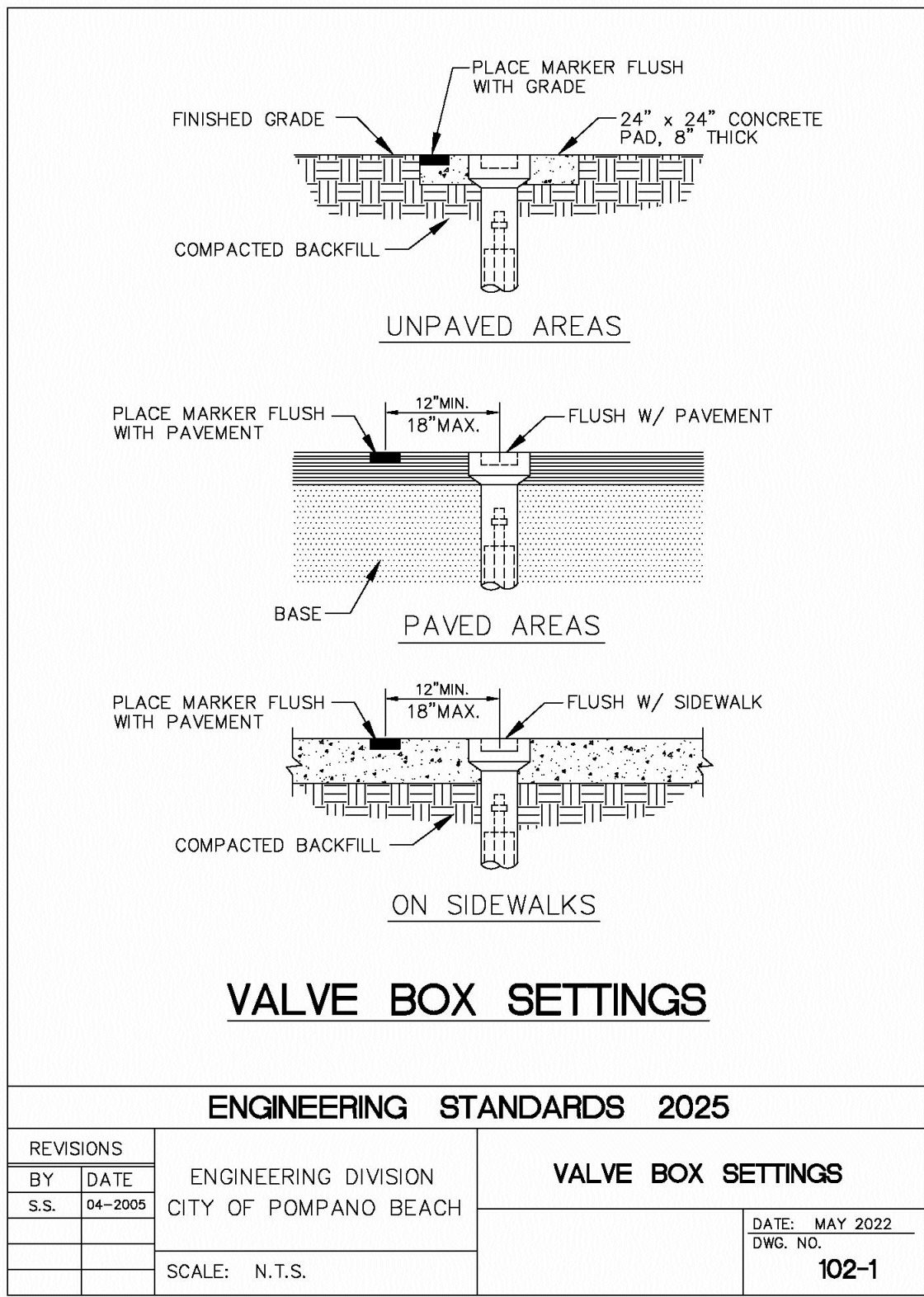
SECTION A-A

- 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

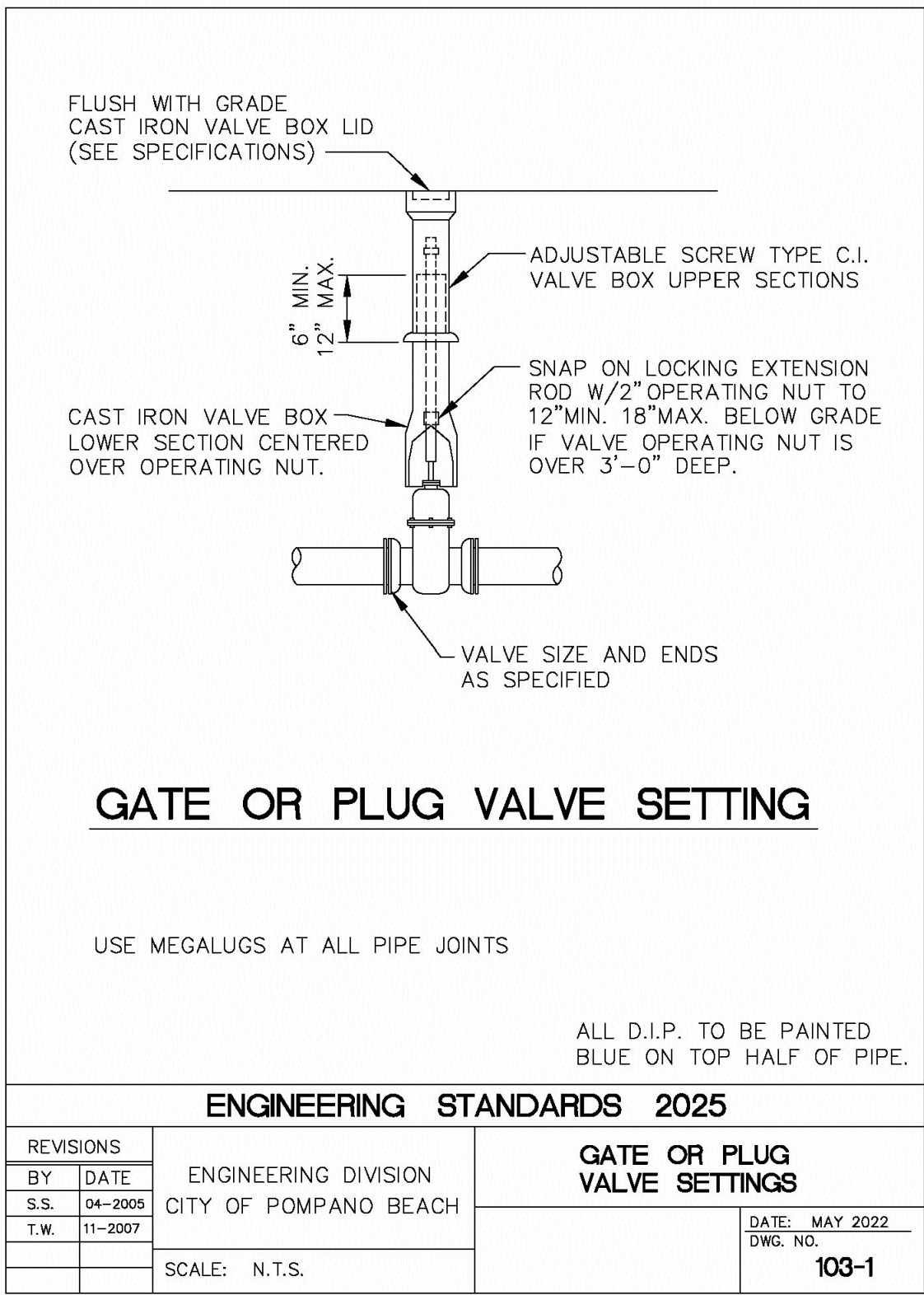
METER BOX INSTALLATION

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



VALVE BOX SETTINGS

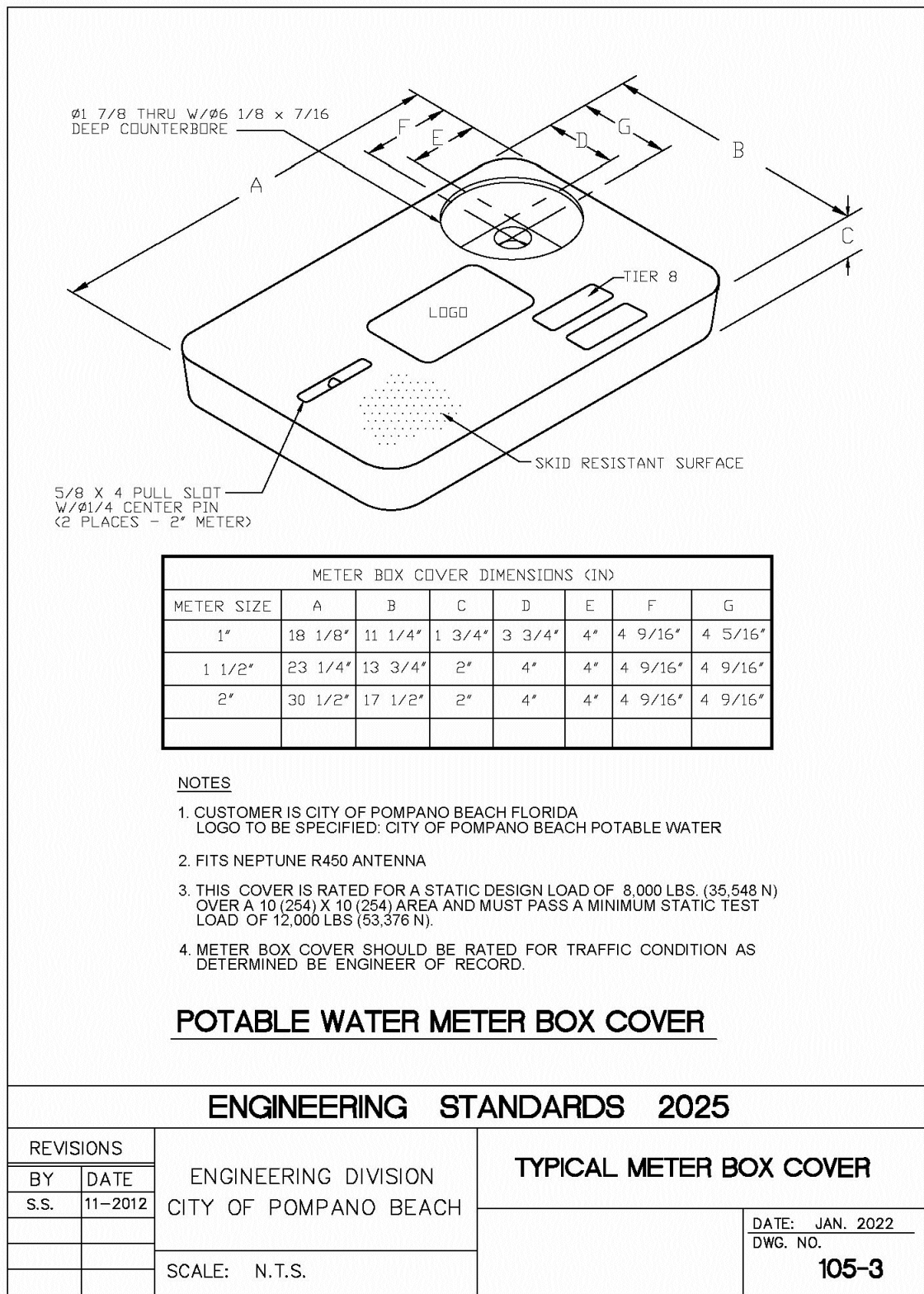
ENGINEERING STANDARDS 2025			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	04-2005	CITY OF POMPAÑO BEACH
			SCALE: N.T.S.
			VALVE BOX SETTINGS
			DATE: MAY 2022
			DWG. NO. 102-1



GATE OR PLUG VALVE SETTING

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

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

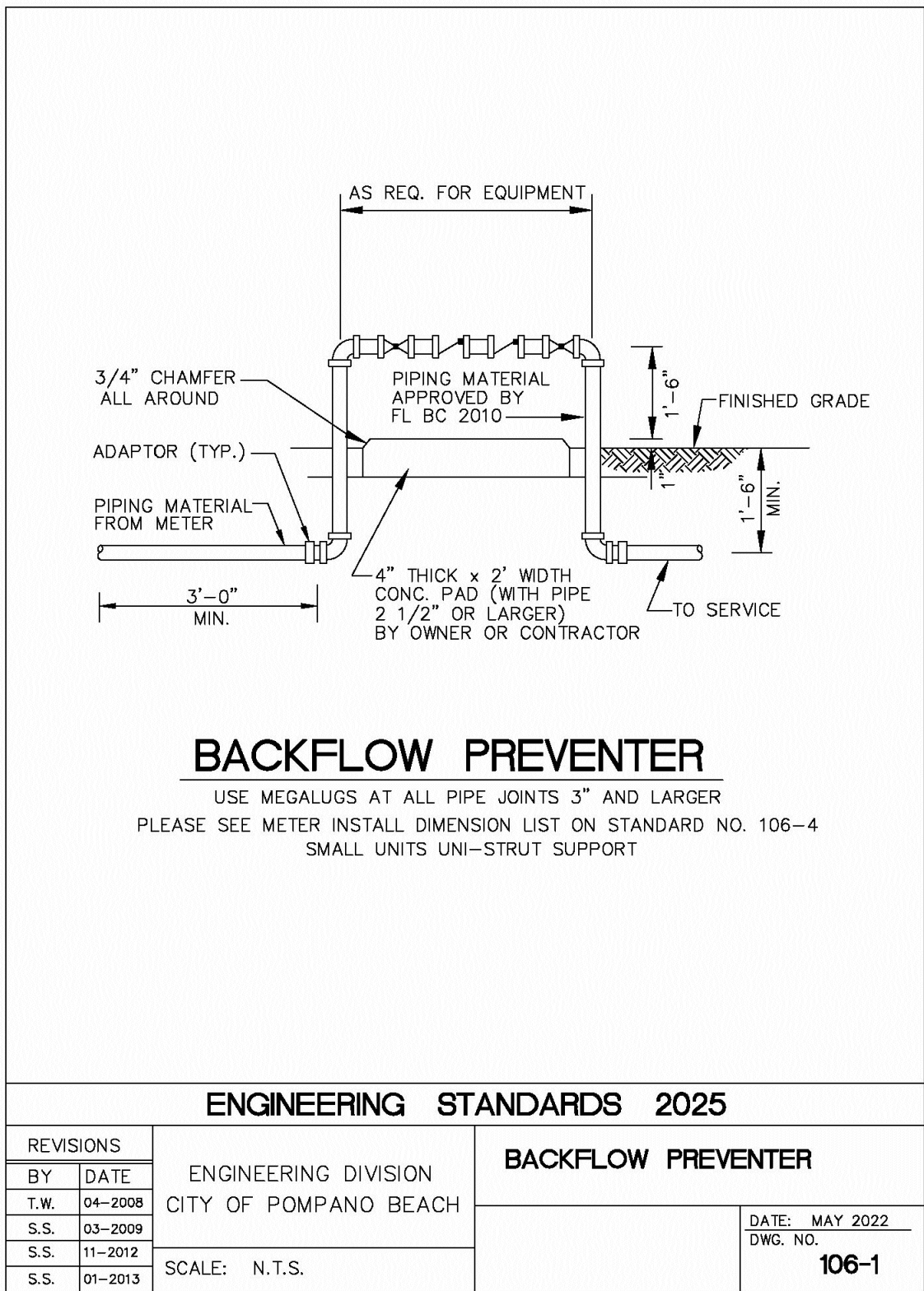


METER BOX COVER DIMENSIONS (IN)							
METER SIZE	A	B	C	D	E	F	G
1"	19 1/8"	11 1/4"	3 3/4"	3 3/4"	4"	4 9/16"	4 5/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"	4 9/16"

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



BACKFLOW PREVENTER

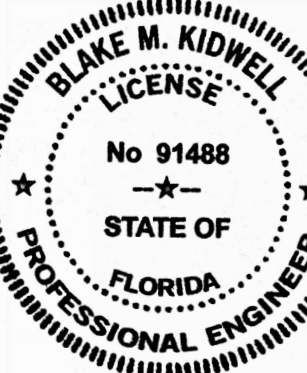
USE MEGALUGS AT ALL PIPE JOINTS 3" AND LARGER
PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4
SMALL UNITS UNI-STRUT SUPPORT

ENGINEERING STANDARDS 2025			
REVISIONS	BY	DATE	ENGINEERING DIVISION
	S.S.	04-2008	CITY OF POMPAÑO 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

This document has been digitally
signed and sealed by
Blake M. Kidwell
Printed copies of this document are
considered signed and sealed.

Revisions	
1	
2	
3	
4	
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6	
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8	

Phase:
PERMIT
DOCUMENTS



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