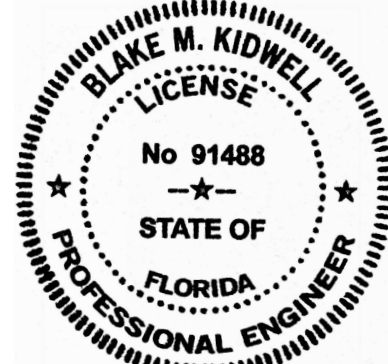


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Phase:
PERMIT
DOCUMENTS



Scale:	Date
N.T.S.	01/27/25
Job No.	Plt Date
24-1832.00	03/10/25
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 03/11/2025.

Printed copies of this document are not
considered signed and sealed.

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

VALVE BOX SETTINGS

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

SAMPLE POINT (HYDRANT)

ALL POMPAÑO BEACH HYDRANTS SHALL BE PAINTED RED.

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

SAMPLE POINT (MAIN)

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

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

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			
REVISIONS	ENGINEERING DIVISION	BACKFLOW PREVENTER	
BY DATE	CITY OF POMPAÑO BEACH		
S.S. 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

POTABLE WATER METER BOX COVER

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

NOTES

- CUSTOMER IS CITY OF POMPAÑO BEACH FLORIDA
LOGO TO BE SPECIFIED, CITY OF POMPAÑO BEACH POTABLE WATER
- FITS NEPTUNE R450 ANTENNA
- 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)
- METER BOX COVER SHOULD BE RATED FOR TRAFFIC CONDITION AS
DETERMINED BE ENGINEER OF RECORD.

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

METER BOX INSTALLATION

NOTES:

- ALL METERS WILL BE SUPPLIED AND INSTALLED BY CDPB UTILITIES
METER HAS IRON PIPE THREAD MALE CONNECTION ON EACH END.
- METER SHALL BE CENTERED IN BOX.
- 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

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

METHOD "B"

NOTES:

- WATER MAIN TO BE PRESSURE TESTED AND DISINFECTED ACCORDING TO BROWARD COUNTY PUBLIC HEALTH UNIT REGULATIONS, AWWA, AND MUNICIPAL SPECIFICATIONS IN EFFECT.
- BACTERIOLOGICAL TESTS ARE TO BE PERFORMED BY THE CONTRACTOR AND AN APPROVED TESTING LABORATORY.
- REMOVE TEMPORARY CONNECTION AT SADDLE ON NEW MAINS AFTER FILLING AND FLUSHING HAS BEEN COMPLETED AND REPLACE WITH BRASS PLUG
- PROVIDE ALL NECESSARY THRUST BLOCKS OR OTHER RESTRAINTS.
- FILLING AND FLUSHING LOCATIONS SHALL BE COORDINATED BY THE CONTRACTOR, ENGINEER, AND CITY.
- VENT TO ATMOSPHERE SHALL REMAIN OPEN DURING ALL PHASES OF PRESSURE TESTING.
- AFTER COMPLETION FILL AND FLUSH CONNECTION
- 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	FILLING / FLUSHING CONNECTION	
BY DATE	CITY OF POMPAÑO BEACH		
S.S. 11-2007			
S.S. 01-2012	SCALE: N.T.S.	DATE: MAY 2022	DWG. NO. 104-1