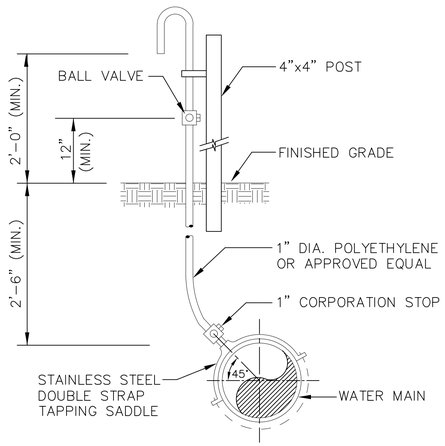
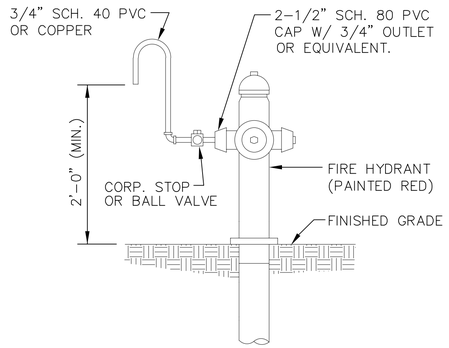


SAMPLE POINT (MAIN)

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

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

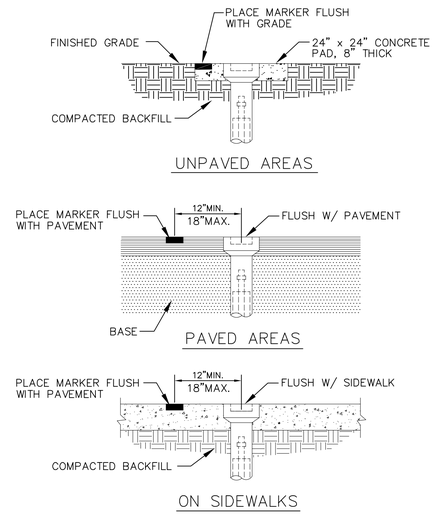


SAMPLE POINT (HYDRANT)

ALL POMPANO BEACH HYDRANTS SHALL BE PAINTED RED.

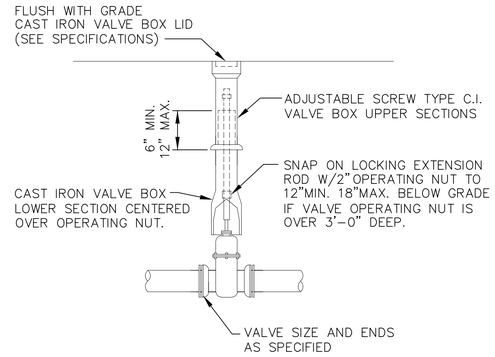
ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.

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



VALVE BOX SETTINGS

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

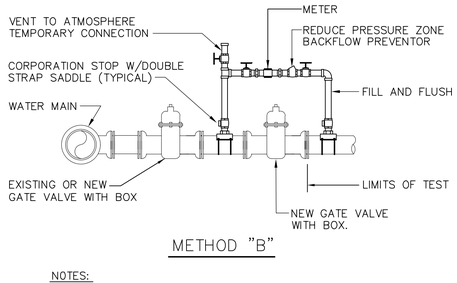


GATE OR PLUG VALVE SETTING

USE MEGALUGS AT ALL PIPE JOINTS

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

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



METHOD "B"

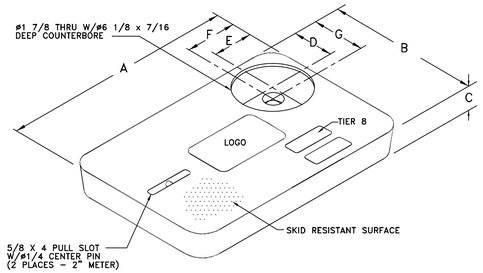
NOTES:

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



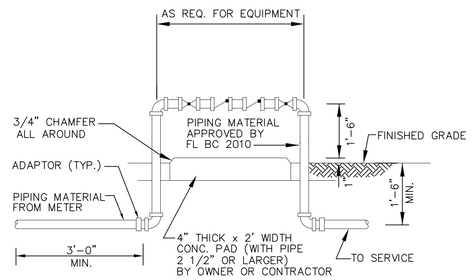
METER BOX COVER DIMENSIONS (IN)							
METER SIZE	A	B	C	D	E	F	G
1"	18 1/8"	11 1/4"	1 3/4"	3 3/4"	4"	4 9/16"	4 5/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"	4 9/16"

NOTES

1. CUSTOMER IS CITY OF POMPANO BEACH FLORIDA LOGO TO BE SPECIFIED: CITY OF POMPANO 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 BE ENGINEER OF RECORD.

POTABLE WATER METER BOX COVER

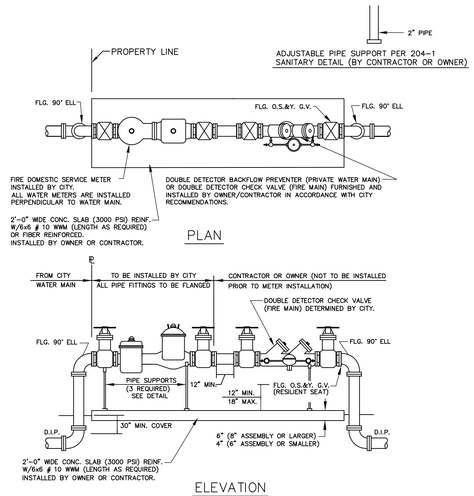
ENGINEERING STANDARDS 2022			
REVISIONS: BY S.S. DATE 11-2012	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL METER BOX COVER	DATE: MAY 2022
SCALE: N.T.S.			DWG. NO. 105-3



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 2022			
REVISIONS: BY T.W. DATE 04-2008; S.S. 05-2009; S.S. 11-2012; S.S. 01-2013	ENGINEERING DIVISION CITY OF POMPANO BEACH	BACKFLOW PREVENTER	DATE: MAY 2022
SCALE: N.T.S.			DWG. NO. 106-1



FIRE ONLY METER AND BACKFLOW DEVICE DETAILS

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

AAC
PZ23-12000043
04/02/2024

KEITH
301 East Atlantic Blvd.
Pompano Beach, FL 33060
PH: (954) 788-3400
Florida Engineering Business License: CA7928
Florida Surveyor and Mapper Business License: LB6860
Florida Landscape Architecture Business License: LC26000457

Plotted by: dillingworth On 10/11/2023 9:06 AM

REVISIONS

NO.	DESCRIPTION	DATE

PRELIMINARY PLAN NOT FOR CONSTRUCTION

THESE PLANS ARE NOT FULLY PERMITTED AND ARE SUBJECT TO REVISIONS MADE DURING THE PERMITTING PROCESS.

RESPONSIBILITY FOR THE USE OF THESE PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE:	10/11/2023
DESIGNED BY:	NW
DRAWN BY:	JL
CHECKED BY:	NW
BID-CONTRACT:	

This item has been digitally signed and sealed by NILES T. WARRICK, P.E. on the date adjacent to the seal.

NILES T. WARRICK LICENSE No. 94320 STATE OF FLORIDA PROFESSIONAL ENGINEER

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

2023.10.11 10:39:28-04'00'

NILES T. WARRICK, P.E.
FLORIDA REG. NO. 94320
(FOR THE FIRM)

CLIENT

YURI GURFEL

PROJECT

911 E. ATLANTIC BLVD.
MULTIFAMILY
Pompano Beach, FL

SHEET TITLE

WATER AND SEWER DETAILS

SHEET NUMBER	CU-501
PROJECT NUMBER	13376.01

Drawing name: K:\13376.01 - 911 East Atlantic Blvd. Multifamily - Yuri Gurfel\Engineering\Cadd\13376.01-CU-5XX.dwg

STATUS: PRELIMINARY