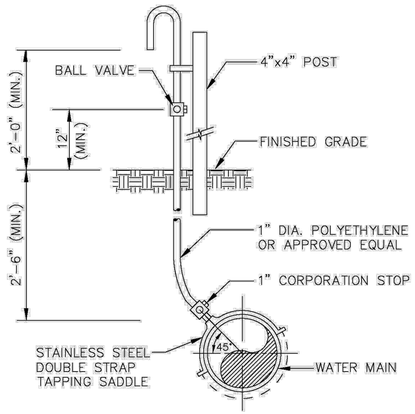
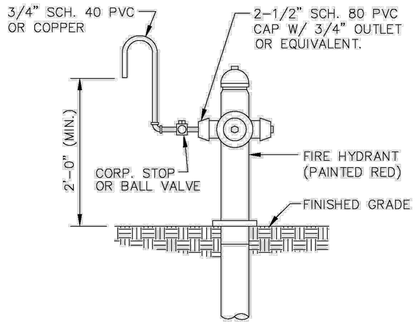
DRC
PZ26-12000001
04/01/2026



SAMPLE POINT (MAIN)

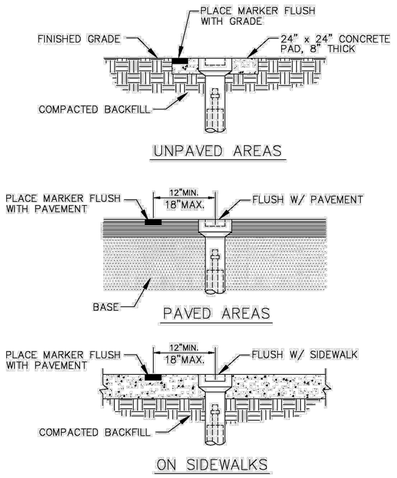
ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.



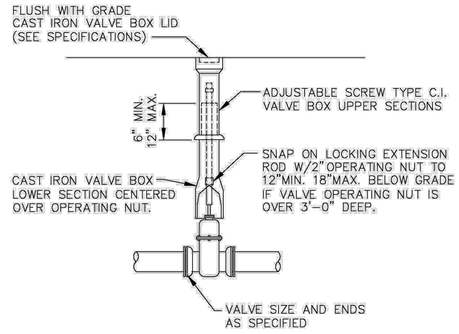
SAMPLE POINT (HYDRANT)

ALL POMPANO BEACH HYDRANTS SHALL BE PAINTED RED.

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



VALVE BOX SETTINGS



GATE OR PLUG VALVE SETTING

USE MEGALUGS AT ALL PIPE JOINTS

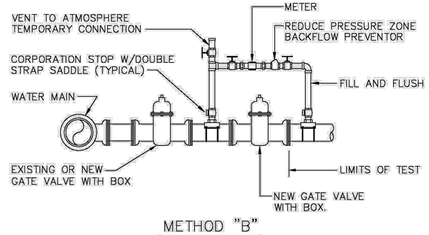
ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.

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

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

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

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



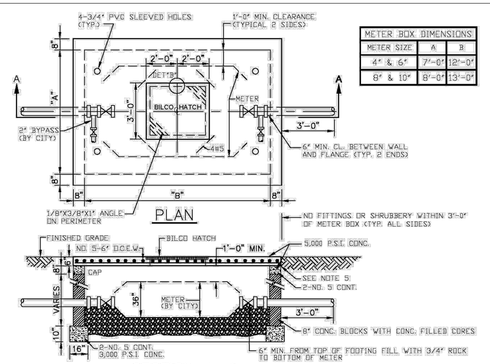
METHOD "B"

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.

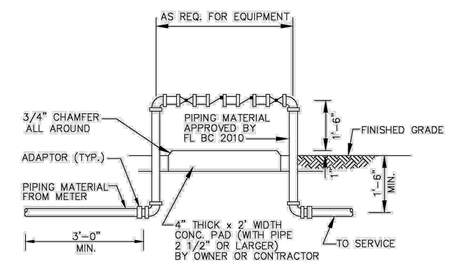


METER BOX DIMENSIONS		
METER SIZE	A	B
4" & 6"	7'-0"	12'-0"
8" & 10"	8'-0"	13'-0"

NOTES

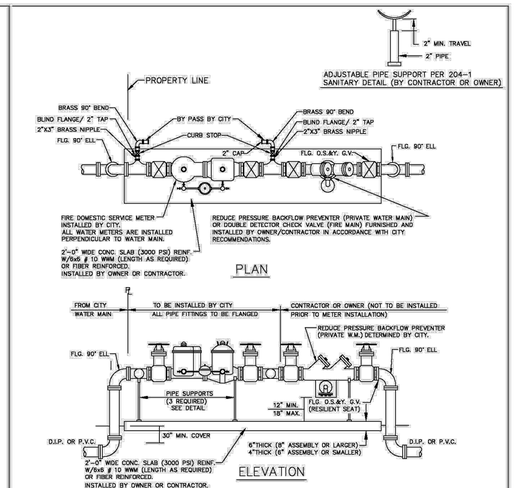
1. THIS STRUCTURE & LID ARE FOR NON-TRAFFIC BEARING ONLY.
2. DO NOT CONSTRUCT METER BOX UNTIL AFTER METER IS IN PLACE.
3. CENTER BOX AROUND METER.
4. DO NOT TIE CONCRETE LID TO CONCRETE WALLS.
5. TOP OF LID TO BE @ FINISH GRADE ELEV.
6. CUT OUT REPLACEABLE 10" SQUARE OVER EACH READING HEAD & FASTEN W/CHAIN.
7. FITS NEPTUNE R450 ANTENNA.
8. BILCO HATCH MODEL J-AL OR JD-AL OR EQUAL

LARGE METER BOX



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



MASTER METER AND BACKFLOW DEVICE DETAILS FIRE AND DOMESTIC COMBINED SOURCE

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

ENGINEERING STANDARDS 2025							
REVISIONS BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	LARGE METER BOX	DATE: MAY 2022			
T.W.	03-2008			DWG. NO. 105-1			
S.S.	01-2012						
S.S.	11-2012	SCALE: N.T.S.					

ENGINEERING STANDARDS 2025							
REVISIONS BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	BACKFLOW PREVENTER	DATE: MAY 2022			
T.W.	04-2008			DWG. NO. 106-1			
S.S.	03-2009						
S.S.	11-2012						
S.S.	01-2013	SCALE: N.T.S.					

ENGINEERING STANDARDS 2025							
REVISIONS BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	MASTER METER AND BACKFLOW DEVICE	DATE: MAY 2022			
S.S.	05-2011			DWG. NO. 106-2			
S.S.	11-2012						
S.S.	12-2013						
S.S.	11-2016	SCALE: N.T.S.					

DRC
PZ26-12000001
05/20/2026

KEITH
2152 West 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: cmatthews On 2/25/2026 9:04 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:	02/25/2026
DESIGNED BY:	CJM
DRAWN BY:	CJM
CHECKED BY:	CTA
BID-CONTRACT:	

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

CHRISTOPHER T. ANDREONI LICENSE No. 84184 STATE OF FLORIDA PROFESSIONAL ENGINEER

Signature must be verified on any electronic copies.

2026.02.25 15:18:50-05'00'

CHRISTOPHER T. ANDREONI, P.E.
FLORIDA REG. NO. 84184
(FOR THE FIRM)

CLIENT

RP POMPANO LLC

PROJECT

DOWNTOWN POMPANO - PHASE 1 - INFRASTRUCTURE IMPROVEMENTS

SHEET TITLE

WATER AND SEWER DETAILS

SHEET NUMBER	CU-501
PROJECT NUMBER	15083.00

Drawing name: H:\15083.00 - Downtown Pompano - RP Development LLC\Engineering\Cadd\Phase I (Infrastructure)\15083.00-CU-5XX-PH1.dwg

STATUS: PRELIMINARY