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REVISION:	BY:
04/25/2024 REV # 1	CC

PROPOSED WAREHOUSE FOR:  
REGANZANI GROUP LLC  
VACANT PROPERTY, SW 3RD STREET, POMPANO  
BEACH, FLORIDA

SEAL: AR 0017852  
LUIS LA ROSA  
Luis La Rosa  
Digitally signed by Luis La Rosa  
Date: 2024.11.18 15:24:34 -05'00'

DRAWN	CC.
CHECKED	LLR
DATE	11/07/2023
SCALE	AS NOTED
JOB. NO.	023-042
SHEET	

C-1.2

OF SHEETS

### PROTECTION OF POTABLE WATER SUPPLY NOTES

- A. GENERAL  
IN ADDITION TO THESE REQUIREMENTS, ALL POTABLE WATER MAINS CONSTRUCTED IN THE VICINITY OF STORM SEWERS, SANITARY SEWERS OR FORCE MAINS SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF FLORIDA ADMINISTRATIVE CODE CHAPTER 62-555, GREAT LAKES-UPPER MISSISSIPPI RIVER BOARD OF STATE SANITARY ENGINEERS (GLURB) "RECOMMENDED STANDARDS FOR WATER WORKS", AND GLURB "RECOMMENDED STANDARDS FOR WASTEWATER FACILITIES".
- B. DEFINITIONS  
FOR THE PURPOSES OF THIS SPECIFICATION, THE WORDS "OTHER PIPE" OR "OTHER PIPES" SHALL MEAN SANITARY SEWER MAIN, SEWAGE FORCE MAIN, STORMWATER MAIN OR ANY COMBINATION THEREOF.
- C. CROSS CONNECTIONS, PROHIBITED  
THERE SHALL BE NO PHYSICAL CONNECTIONS BETWEEN A PUBLIC OR PRIVATE POTABLE WATER SUPPLY SYSTEM AND ANY OTHER PIPE OR APPURTENANCE THEREON WHICH WOULD PERMIT THE PASSAGE OF ANY WASTEWATER, POLLUTED WATER, OR ANY OTHER WATER INTO THE POTABLE SUPPLY. NO WATER PIPE SHALL PASS THROUGH OR COME INTO CONTACT WITH ANY PART OF A SANITARY SEWER MANHOLE OR STORMWATER MANHOLE.
- D. RELATION OF OTHER PIPES TO POTABLE WATER MAINS
1. HORIZONTAL SEPARATION  
A. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM WATER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING REUSE WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.  
B. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.  
C. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING REUSE WATER NOT REGULATED UNDER CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY TYPE SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

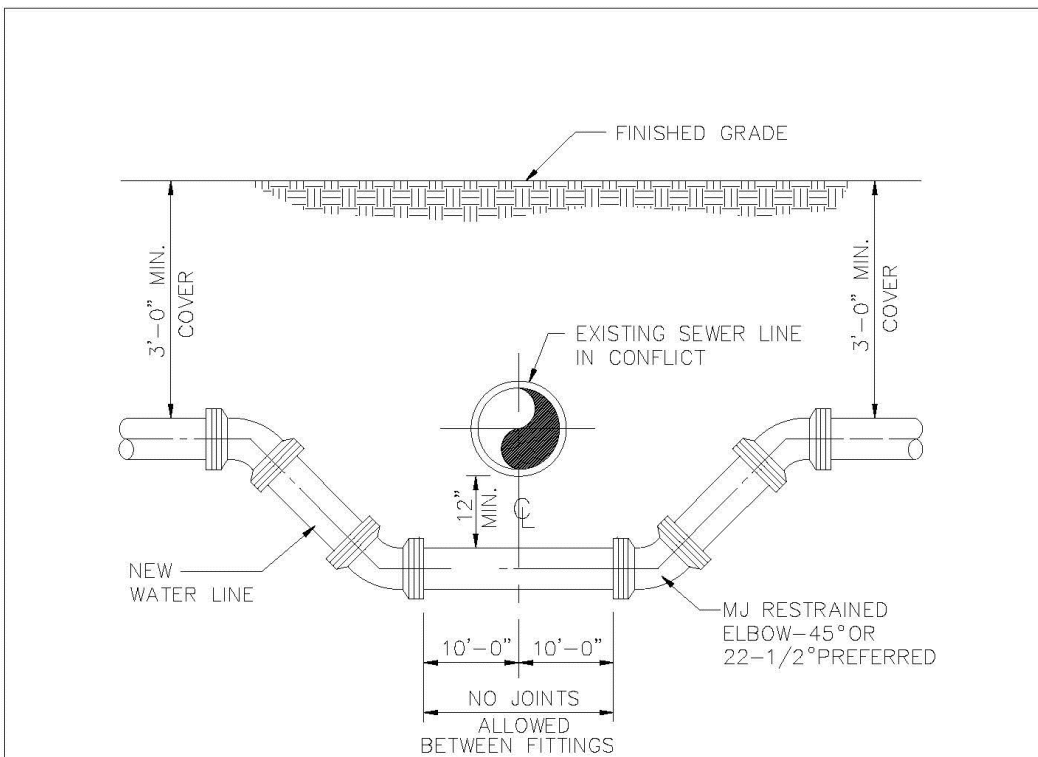
ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	POTABLE WATER SUPPLY NOTES
S.S. 01/12	ENGINEERING DIVISION	CITY OF POMPANO BEACH	DATE: JAN. 2022 DWG. NO. 122-2
	SCALE: N.T.S.		

- D. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM".
- E. VERTICAL SEPARATION  
A. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY-OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.  
B. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING REUSE WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES, ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.  
C. AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORM WATER FORCE MAINS, OR PIPELINES CONVEYING REUSE WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY-OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING REUSE WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.



### PROTECTION OF POTABLE WATER SUPPLY NOTES

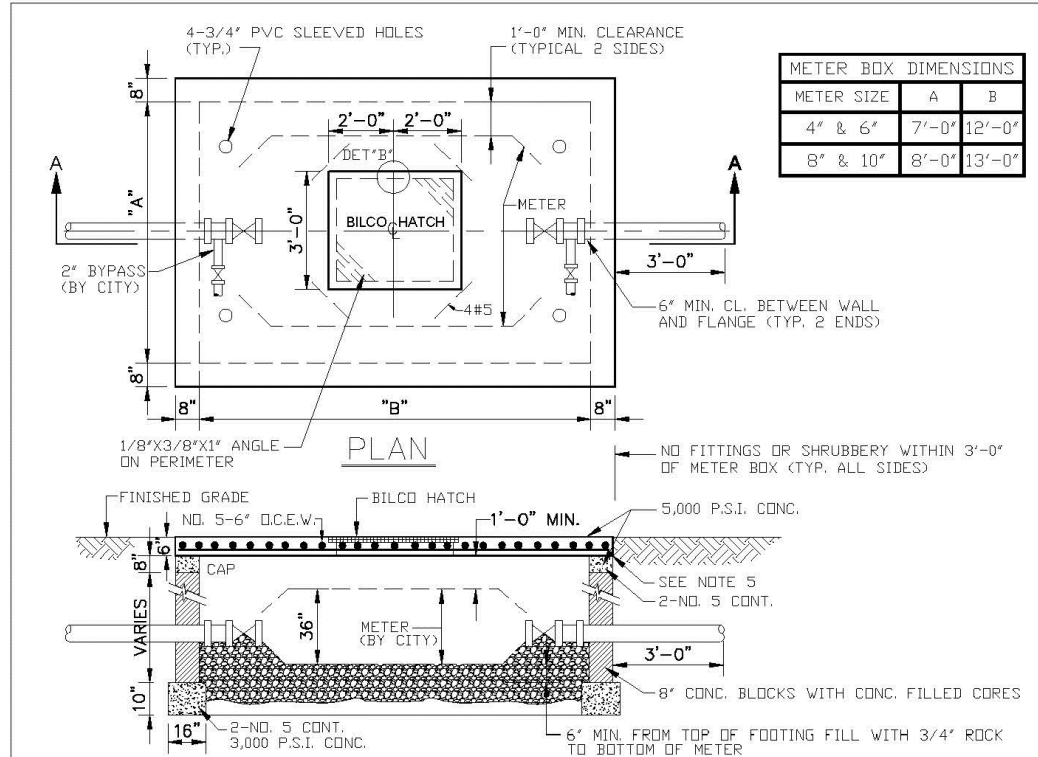
ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	POTABLE WATER SUPPLY NOTES
S.S. 01/12	ENGINEERING DIVISION	CITY OF POMPANO BEACH	DATE: JAN. 2022 DWG. NO. 122-3
	SCALE: N.T.S.		



NOTES:  
WHERE CONDITIONS PERMIT, PIPE DEFLECTION MAY BE USED INSTEAD OF BENDS TO OBTAIN THE MINIMUM CLEARANCE. FACTORY OFFSETS MAY BE USED.

### TYPICAL CONFLICT DETAIL

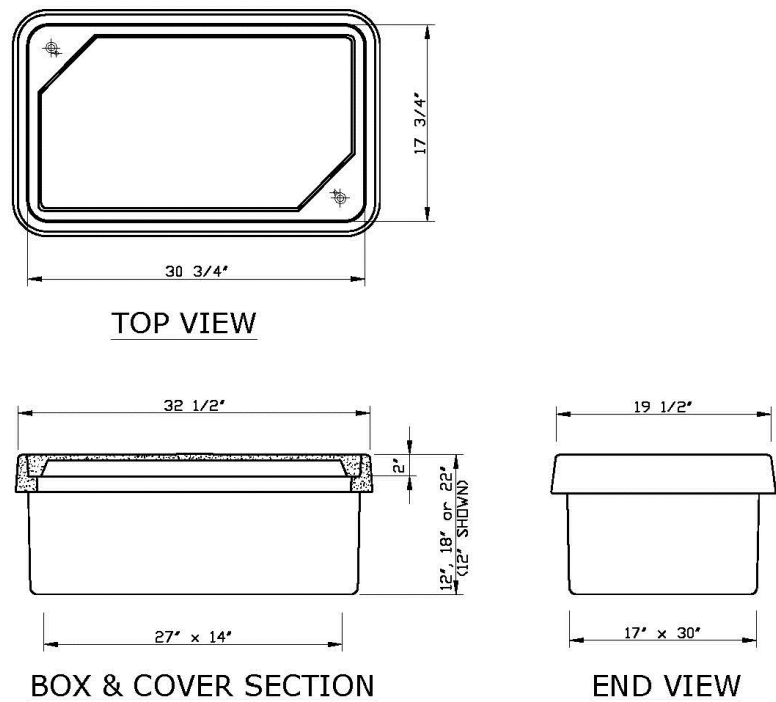
USE MEGALUGS AT ALL PIPE JOINTS		ALL D.I.P. TO BE PAINTED BLUE ON TOP HALF OF PIPE.	
ENGINEERING STANDARDS 2022			
REVISIONS		TYPICAL CONFLICT (WATER)	
BY	DATE	CITY OF POMPANO BEACH	
S.S.	04-2009		
S.S.	01-2012		
SCALE: N.T.S.		DATE: MAY 2022 DWG. NO. 108-1	



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 THE CONCRETE LID TO CONCRETE WALLS.  
5. TOP OF LID TO BE @ FINISH GRADE ELEV.  
6. CUT OUT REPLACEMENT 10' SQUARE OVER EACH READING HEAD & FASTEN W/CHAINS.  
7. FITS NEPTUNE R450 ANTENNA.  
8. BILCO HATCH MODEL JAA OR JDA-L OR EQUAL

### LARGE METER BOX

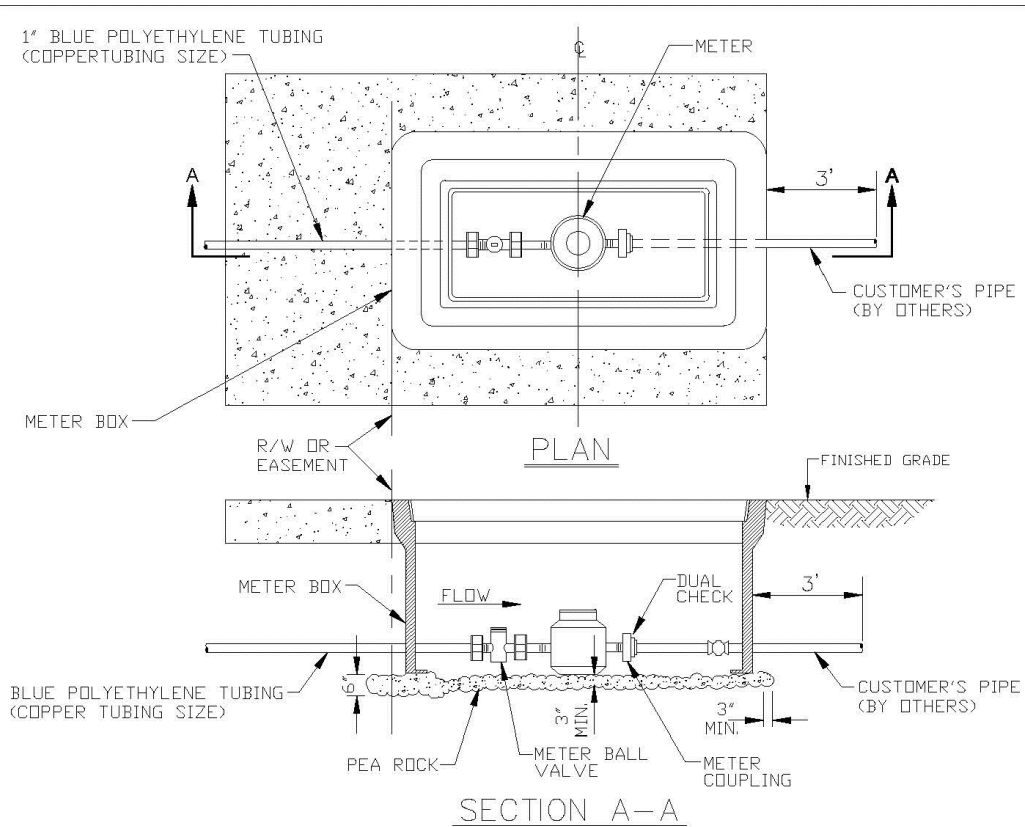
ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	LARGE METER BOX
S.S. 03-2009	ENGINEERING DIVISION	CITY OF POMPANO BEACH	DATE: MAY 2022 DWG. NO. 105-1
S.S. 01-2012			
	SCALE: N.T.S.		



- NOTES:  
1. MATERIAL: FIBERGLASS REINFORCED POLYMER CONCRETE AND FIBERGLASS REINFORCED POLYMER  
2. COVER, COLLAR AND BOX ARE COLOR PURPLE, PANTONE 520C  
3. FLARED WALL BOXES ARE NESTABLE  
4. NON - SKID TEXTURED SURFACE LID

- (1') 11 x 18 METER STRAIGHT WALL BOX  
(1 1/2') 13 x 24 METER STRAIGHT WALL BOX  
(2') 17 x 30 METER STRAIGHT WALL BOX

ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	REUSE METER BOX
S.S. 11-2012	ENGINEERING DIVISION	CITY OF POMPANO BEACH	DATE: MAY 2022 DWG. NO. 510-3
	SCALE: N.T.S.		

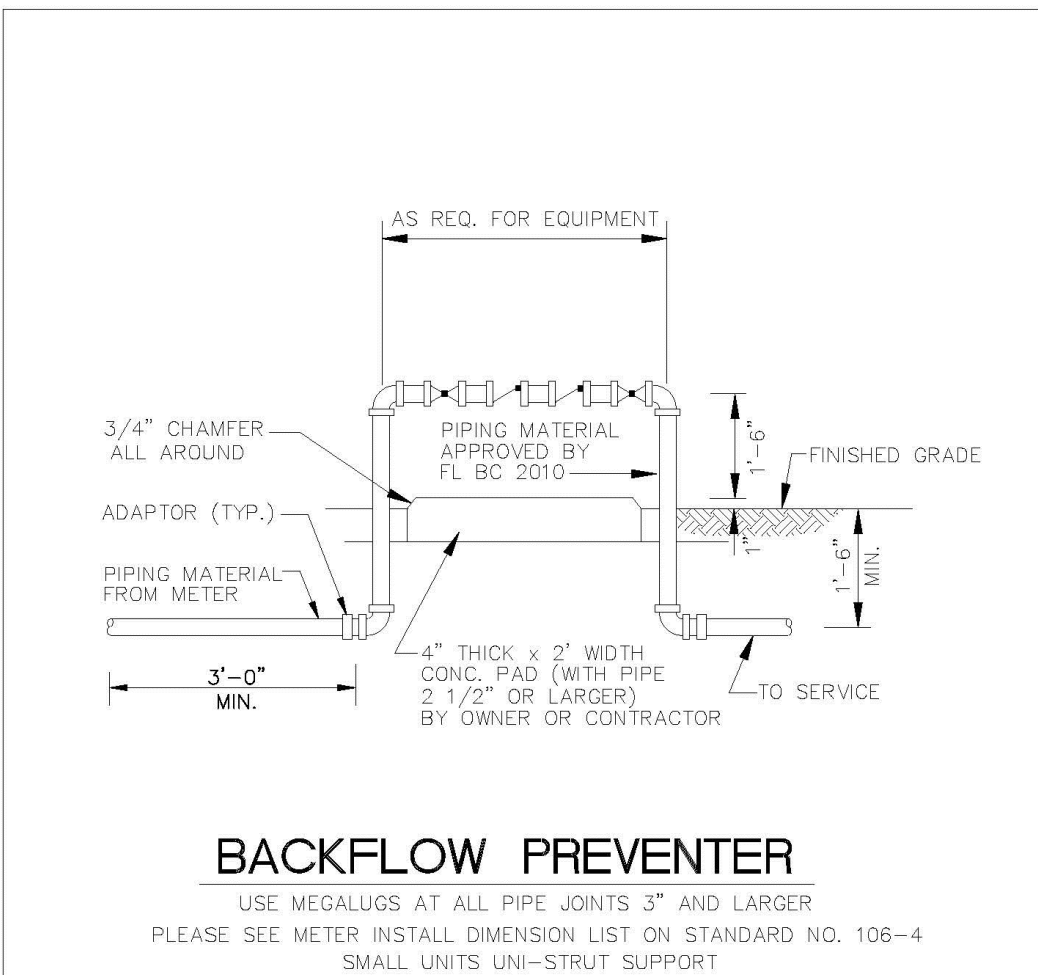


- NOTES:  
1. ALL METERS WILL BE SUPPLIED AND INSTALLED BY CDPB UTILITIES. METER HAS IRON PIPE THREAD MALE CONNECTION ON EACH END.  
2. METER SHALL BE CENTERED IN BOX.  
3. BUAL CHECK IS SAME SIZE AS CUSTOMER'S SERVICE LINE.

METER SIZE	LAYING LENGTH (IN)	HEIGHT (IN)
3/4"	7.5	4.56
1"	10.75	5.75

### METER BOX INSTALLATION

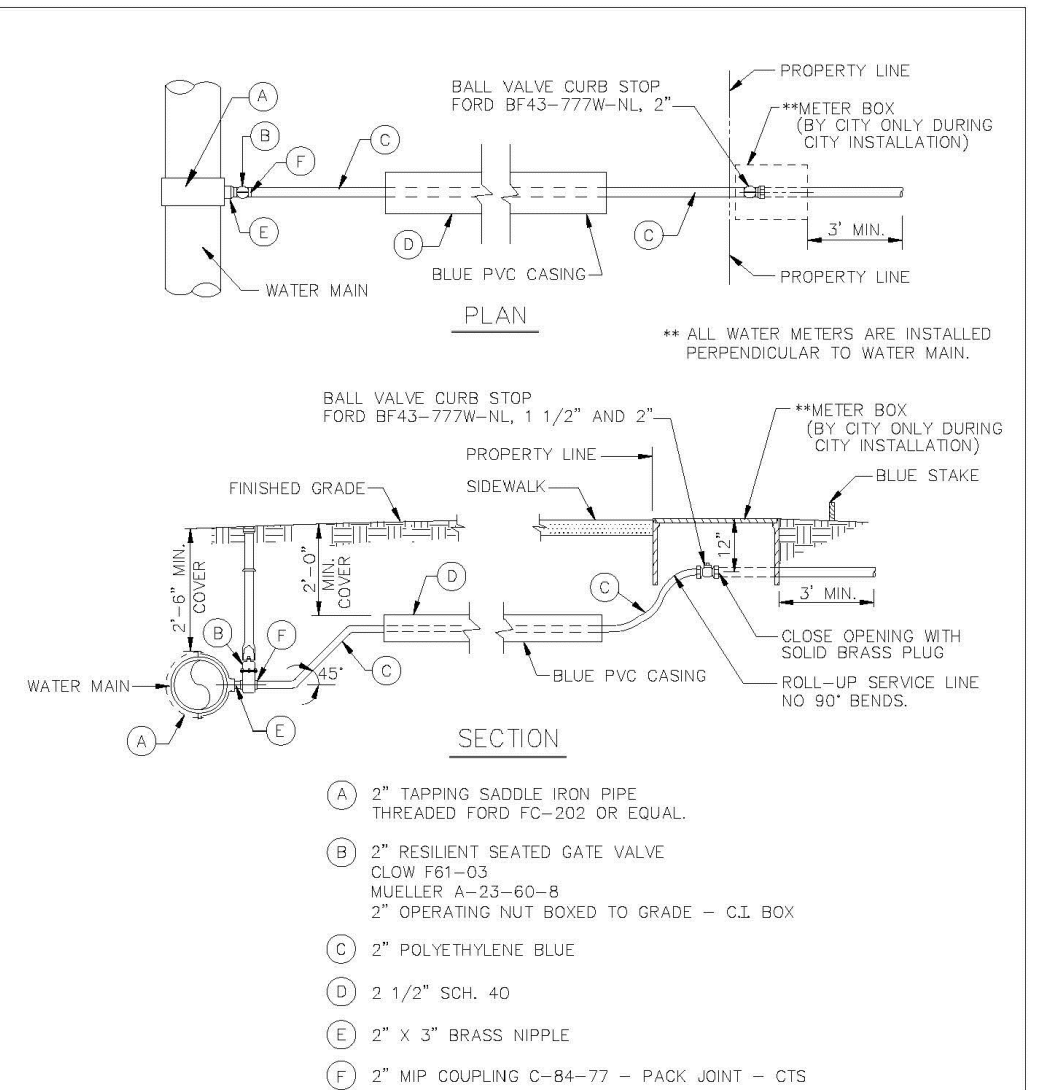
ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	METER BOX INSTALLATION FOR 5/8" AND 1" METERS
S.S. 11-2012	ENGINEERING DIVISION	CITY OF POMPANO BEACH	DATE: JAN. 2022 DWG. NO. 105-2
	SCALE: N.T.S.		



### BACKFLOW PREVENTER

USE MEGALUGS AT ALL PIPE JOINTS 3" AND LARGER  
PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4  
SMALL UNITS UN1-STRUT SUPPORT

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



### TYPICAL 1 1/2" AND 2" WATER SERVICE

ENGINEERING STANDARDS 2022			
REVISIONS	BY	DATE	TYPICAL 2" WATER SERVICE
S.S. 08-2011	ENGINEERING DIVISION	CITY OF POMPANO BEACH	DATE: APRIL 2022 DWG. NO. 107-2
S.S. 05-2012			
S.S. 11-2018			
A.S. 08-2021	SCALE: N.T.S.		