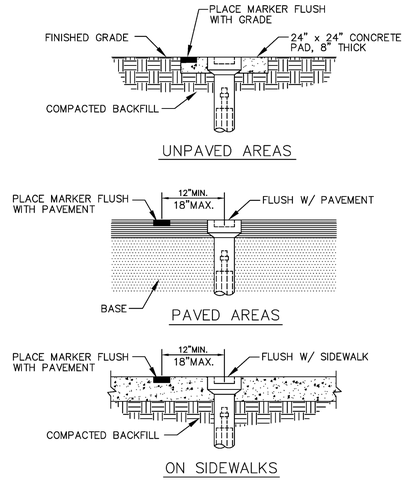
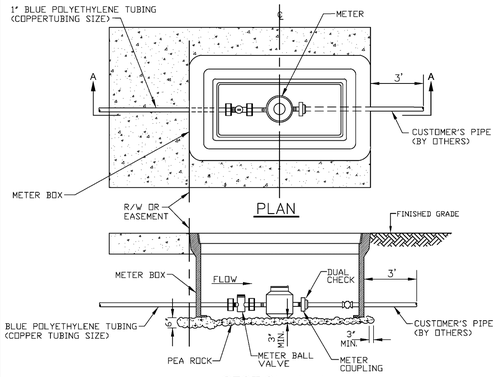


VALVE BOX SETTINGS

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



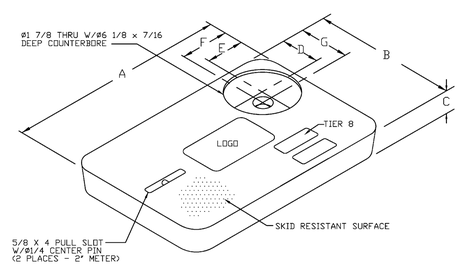
NOTES:

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)
⅝"	7.5	4.56
1"	10.75	5.75

METER BOX INSTALLATION

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



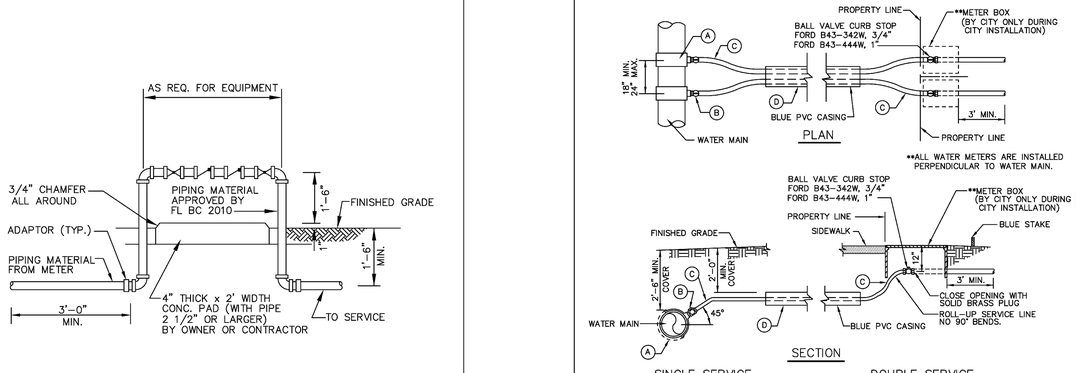
METER BOX COVER DIMENSIONS (IN)							
METER SIZE	A	B	C	D	E	F	G
1"	18 1/8"	11 1/4"	1 3/4"	3 3/4"	4"	4 9/16"	4 5/16"
1 1/2"	23 1/4"	13 3/4"	2"	4"	4"	4 9/16"	4 9/16"
2"	30 1/2"	17 1/2"	2"	4"	4"	4 9/16"	4 9/16"

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

SINGLE SERVICE	DOUBLE SERVICE
(A) 1" TAPPING SADDLE CC THREAD FORD	(A) 1" TAPPING SADDLE (2) FORD FC-202 OR EQUAL.
(B) 1" CORPORATION STOP FORD TYPE F1000-4 NL THREADS	(B) 1" CORPORATION STOP (2) FORD TYPE F1000
(C) 1" POLYETHYLENE SOLID BLUE CTS SDR 18 (200 PSI)	(C) 1" POLYETHYLENE SOLID BLUE C.T.S. (2)
(D) 1 1/2" SCH. 40 FOR 1" SERVICE 2 1/2" SCH. 40 FOR 2" SERVICE PAINTED BLUE	(D) 2 1/2" SCH. 40 FOR 1" SERVICE 6" SCH. 40 FOR 2" SERVICE PAINTED BLUE

TYPICAL 3/4" AND 1" WATER SERVICE

ENGINEERING STANDARDS 2025			
REVISIONS			
BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL 1" WATER SERVICE
T.W.	11-2007		
S.S.	05-2012		
S.S.	11-2015	SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 107-1
A.S.	08-2021		

DRC
PZ25-12000014
07/02/2025

DYNAMIC ENGINEERING
"SURVEY • TRAFFIC"

REV.	DATE	COMMENTS	BY

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

DRAWN BY: SRM
DESIGNED BY: EC
CHECKED BY: AP
CHECKED BY: -

PROJECT: LT 20, LLC
PROPOSED WAREHOUSE ADDITION
PARCEL ID# 4842-26-00-0371
1515 NW 15TH STREET
POMPANO BEACH, BROWARD COUNTY, FL 33060

DYNAMIC ENGINEERING
LAND DEVELOPMENT CONSULTING • PERMITTING
GEOTECHNICAL • ENVIRONMENTAL
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ANGEL PINERO
STATE OF FLORIDA
PROFESSIONAL ENGINEER
LICENSE NUMBER 92511
Digitally signed by Angel Pinero Lugo
Date: 2025.05.28 10:05:14-04'00'

ANGEL PINERO LUGO, P.E. FLORIDA PROFESSIONAL ENGINEER, HEREBY CERTIFY THAT THE DESIGN OF THE ITEMS SHOWN AND DESCRIBED HEREIN HAVE BEEN DESIGNED UNDER MY DIRECT SUPERVISION AND CONTROL AND ARE IN CONFORMITY WITH THE REQUIREMENTS OF THE LAWS OF THE STATE OF FLORIDA. THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY ANGEL PINERO LUGO, P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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TITLE: UTILITY DETAILS

SCALE: (H) NOT TO SCALE (V) NOT TO SCALE
DATE: 04/15/2025
PROJECT No: 5758-25-01613
SHEET #: C4.02
Rev. #: .

Plotted: 05/27/25 - 4:09 PM, By: ikonikus, - Product Ver: 25.0
File: P:\DEC\PC PROJECTS\5758 LT 20 LLC\25-01613 Pompano Beach FL\Dwg\Entitlements\DS758250161350D.dwg, ----> C4.02 UTILITY DETAILS

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