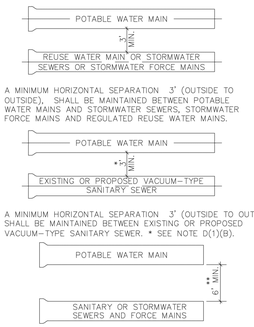


A MINIMUM HORIZONTAL SEPARATION 3' (OUTSIDE TO OUTSIDE), SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND STORMWATER SEWERS, STORMWATER FORCE MAINS AND REGULATED REUSE WATER MAINS.

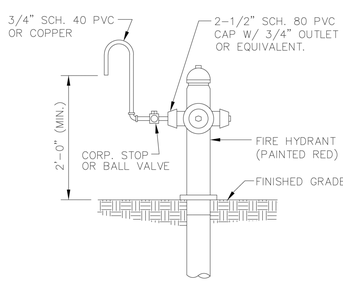
A MINIMUM HORIZONTAL SEPARATION 3' (OUTSIDE TO OUTSIDE), SHALL BE MAINTAINED BETWEEN EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER. * SEE NOTE D(1)(B).

A MINIMUM HORIZONTAL SEPARATION OF 6' (OUTSIDE TO OUTSIDE), SHALL BE MAINTAINED BETWEEN POTABLE WATER MAINS AND EXISTING OR PROPOSED GRAVITY-OR PRESSURE TYPE SANITARY SEWER, WASTEWATER FORCE MAIN OR NOT REGULATED REUSE WATER MAIN. ** SEE NOTE D(1)(C).

MINIMUM HORIZONTAL SEPARATION REQUIREMENTS FOR POTABLE WATER, REUSE, STORMWATER AND SEWER LINES

ENGINEERING STANDARDS 2022

REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	MIN. HORIZONTAL SEPARATION FOR SANITARY SEWER
BY	DATE		
S.S.	01/30/12		
		SCALE: N.T.S.	DATE: JUNE 2022 DWG. NO. 209-1



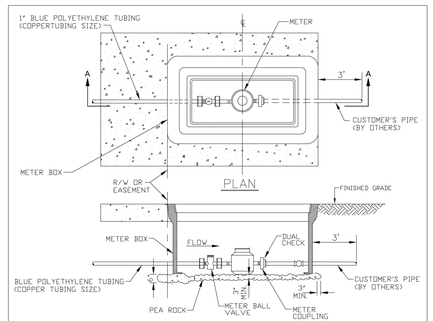
SAMPLE POINT (HYDRANT)

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



NOTES:

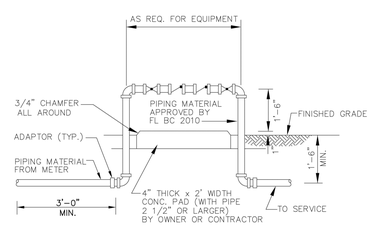
1. ALL METERS WILL BE SUPPLIED AND INSTALLED BY CDPB UTILITIES METER HAS IRON PIPE THREAD MALE CONNECTION ON EACH END.
2. METER SHALL BE CENTERED IN BOX.
3. DUAL CHECK IS SAME SIZE AS CUSTOMER'S SERVICE LINE.

METER SIZE	LAYING LENGTH (IN)	HEIGHT (IN)
¾"	7.5	4.56
1"	10.75	5.75

METER BOX INSTALLATION

ENGINEERING STANDARDS 2022

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



BACKFLOW PREVENTER

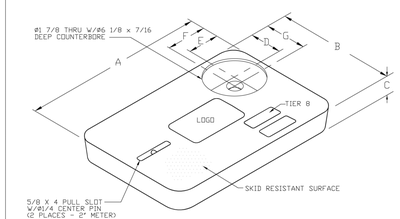
USE MEGALUGS AT ALL PIPE JOINTS 3" AND LARGER

PLEASE SEE METER INSTALL DIMENSION LIST ON STANDARD NO. 106-4

SMALL UNITS UNI-STRUT SUPPORT

ENGINEERING STANDARDS 2022

REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	BACKFLOW PREVENTER
BY	DATE		
T.W.	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



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

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CLIENT:

SUNSHINE GASOLINE DISTRIBUTORS, INC.

DESIGN TEAM TITLE:

MDM SERVICES, INC.
engineering • environmental • construction
2151 W. HILLSBORO BLVD, DEERFIELD BEACH, FLORIDA 33442
Phone: (954) 427-3076
FLORIDA CA #4857

NO.	DATE	REVISION DESCRIPTION

DAMIAN DWIGHT LESLIE LICENSE No. 73113 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Damian D Leslie
Date: 2023.06.28 15:08:13-04'00'

DAIMIAN D. LESLIE
FL REG # 73113

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY DAIMIAN D. LESLIE 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.

PROJECT DESCRIPTION:

NEW C-STORE

SITE DESIGNATION:

SUNSHINE GASOLINE DISTRIBUTORS CHEVRON GAS STATION #010

SITE ADDRESS:

301 POMPANO PKWY, POMPANO BEACH, FL 33069

SCALE: AS NOTED	MDM JOB # 21119
DATE: 08-11-2022	
DESIGNED BY:	
DRAWN BY:	FILE NAME: 21119 CD.DWG
CHECKED BY:	

DRAWING TITLE:

UTILITY PLAN

SHEET NO:

C-4.0

DRC
PZ22-12000038
08/16/2023