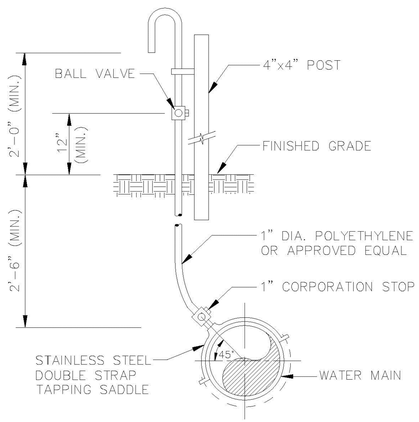
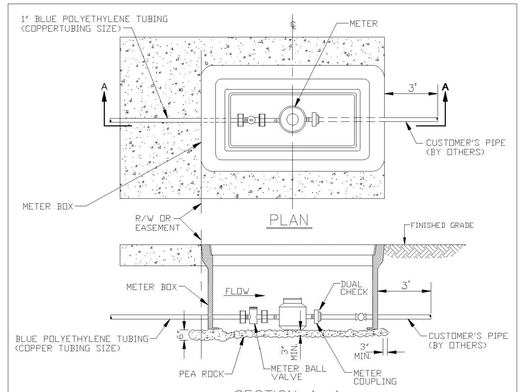


SAMPLE POINT (MAIN)

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

ENGINEERING STANDARDS 2022

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



NOTES:

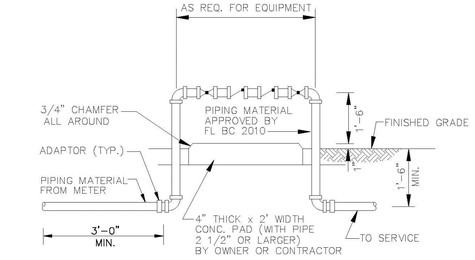
1. ALL METERS WILL BE SUPPLIED AND INSTALLED BY COPB UTILITIES METER HAS IRON PIPE THREAD MALE CONNECTION ON EACH END.
2. METER SHALL BE CENTERED IN BOX.
3. DUAL CHECK IS SAME SIZE AS CUSTOMER'S SERVICE LINE.

METER SIZE	LAYING LENGTH (IN)	HEIGHT (IN)
5/8"	7.5	4.56
1"	10.75	5.75

METER BOX INSTALLATION

ENGINEERING STANDARDS 2022

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

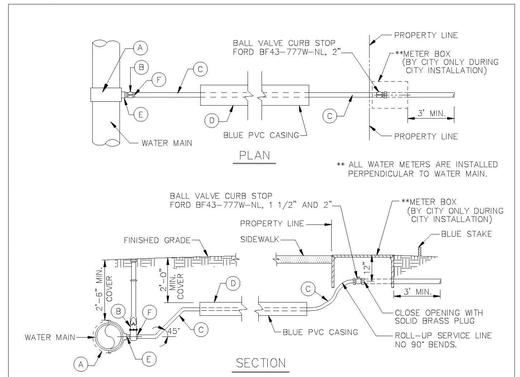


BACKFLOW PREVENTER

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	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		



(A) 2" TAPPING SADDLE IRON PIPE THREADED FORD FC-202 OR EQUAL.

(B) 2" RESILIENT SEATED GATE VALVE CLOW F61-03 MUELLER A-23-60-8 2" OPERATING NUT BOXED TO GRADE - C.I. BOX

(C) 2" POLYETHYLENE BLUE

(D) 2 1/2" SCH. 40

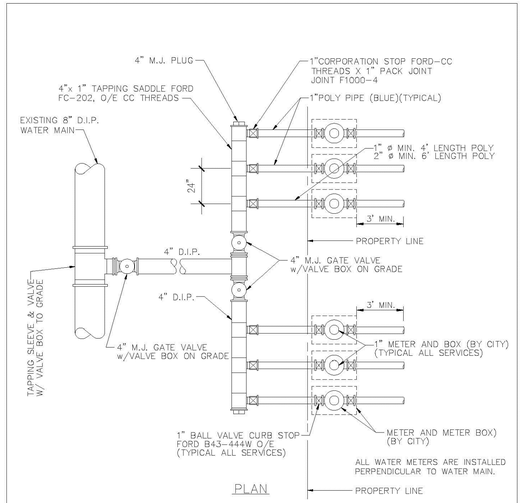
(E) 2" X 3" BRASS NIPPLE

(F) 2" MIP COUPLING C-84-77 - PACK JOINT - CTS

TYPICAL 1 1/2" AND 2" WATER SERVICE

ENGINEERING STANDARDS 2022

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



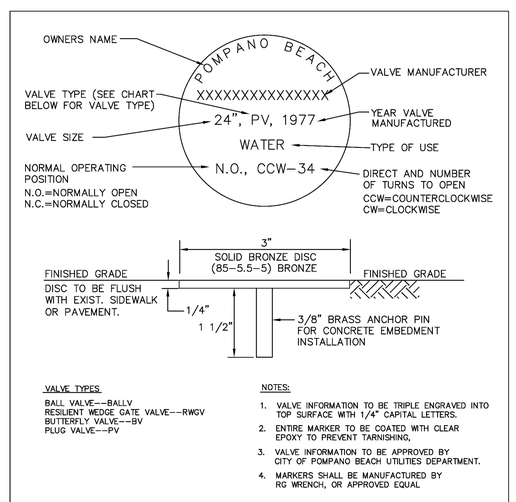
TYPICAL METER BANK

USE MEGALUGS AT ALL PIPE JOINTS

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

ENGINEERING STANDARDS 2022

REVISIONS BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	TYPICAL METER BANK
TCW	02-09		
S.S.	05-2011		
S.S.	11-2012	SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 113-1



VALVE TYPES

BALL VALVE--BALLV
RESILIENT WEDGE GATE VALVE--RWGV
BUTTERFLY VALVE--BV
PLUG VALVE--PV

NOTES:

1. VALVE INFORMATION TO BE TRIPLE ENGRAVED INTO TOP SURFACE WITH 1/4" CAPITAL LETTERS.
2. ENTIRE MARKER TO BE COATED WITH CLEAR EPOXY TO PREVENT TARNISHING.
3. VALVE INFORMATION TO BE APPROVED BY CITY OF POMPANO BEACH UTILITIES DEPARTMENT.
4. MARKERS SHALL BE MANUFACTURED BY RG WRENCH, OR APPROVED EQUAL

UNDERGROUND VALVE IDENTIFICATION MARKER

ENGINEERING STANDARDS 2025

REVISIONS BY	DATE	ENGINEERING DIVISION CITY OF POMPANO BEACH	UNDERGROUND VALVE IDENTIFICATION MARKER
S.S.	JUNE 2005		
T.W.	11-2007		
T.W.	02-2008	SCALE: N.T.S.	DATE: FEB. 2022 DWG. NO. 115-1
S.S.	1-24-12		

CONEMCO ENGINEERING, INC.
DBA Conemco Consultants
SBA 8a - Civil - Structural - MEP - CEI - Program Management - Land Surveyors
782 NW 42ND AVENUE UNIT 635
MIAMI, FL 33126
MAIN NUMBER 888-536-1536
CA # 29447

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOSE A. COMPRES ON THE DATE INDICATED IN THE SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

Jose Compres — Digitally signed by Jose Compres Date: 2025.12.03 10:39:27 -05'00'

JOSE A COMPRES, P.E
FLORIDA P.E. LIC. # 65557

CONEMCO ENGINEERING, INC.

JOSE A. COMPRES LICENSE No. 65557 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NAME / ADDRESS:
324 HAUS MIXED USE / NEW BUILDING - CIVIL PLANS
REDESIGN
324 NW 6TH STREET, POMPANO BEACH, FL 33060

CLIENT/OWNER:
AUSTIN FOX ARCHITECTURE
1754 E COMMERCIAL BLVD, FORT LAUDERDALE, FL 33334

REVISIONS	DATE

DATE:	9/12/2025
SCALE:	AS SHOWN
DRAWN:	FP
CHECKED:	PS
APPVD:	JC
PROJECT ID:	FPV-C251004
CONTRACT NO:	-

SHEET NAME:

WATER SYSTEM DETAILS

DRAWING NO. C-507

PZ22-12000032 02/25/2026

Sheet No. OF 18