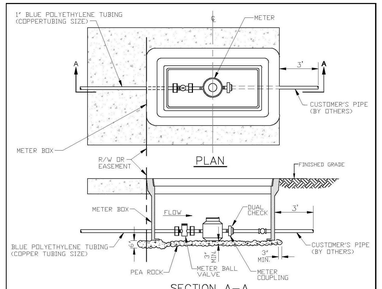


SECTION A–A

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 2019

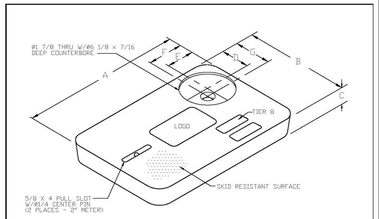
REVISIONS BY	DATE
S.S.	11–2012

ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

METER BOX INSTALLATION FOR 5/8" AND 1" METERS

DATE: JAN. 2012
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 2019

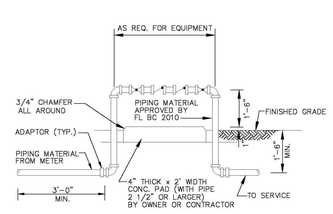
REVISIONS BY	DATE
S.S.	11–2012

ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

TYPICAL METER BOX COVER

DATE: JAN. 2012
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 2019

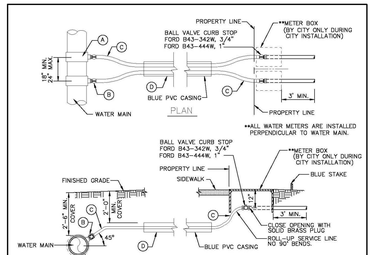
REVISIONS BY	DATE
T.W.	04–2008
S.S.	03–2009
S.S.	11–2012
S.S.	01–2013

ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

BACKFLOW PREVENTER

DATE: JUNE 1996
DWG. NO. 106-1



(A) 1" TAPPING SADDLE CC THREAD FORD
(B) 1" CORPORATION STOP FORD TYPE F1000–4 NL THREADS
(C) 1" POLYETHYLENE SOLID BLUE CTS SDR 18 (200 PSI)
(D) 1 1/2" SCH. 40 FOR 1" SERVICE 2 1/2" SCH. 40 FOR 2" SERVICE PAINTED BLUE

(A) 1" TAPPING SADDLE (2) FORD FC–202 OR EQUAL.
(B) 1" CORPORATION STOP (2) FORD TYPE F1000
(C) 1" POLYETHYLENE SOLID BLUE C.T.S. (2)
(D) 2 1/2" SCH. 40 FOR 1" SERVICE 6" SCH. 40 FOR 2" SERVICE PAINTED BLUE

TYPICAL 1" WATER SERVICE

ENGINEERING STANDARDS 2019

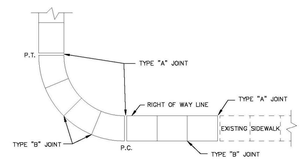
REVISIONS BY	DATE
S.S.	04–2005
T.W.	11–2007
S.S.	05–2012
S.S.	11–2015

ENGINEERING DIVISION CITY OF POMPANO BEACH

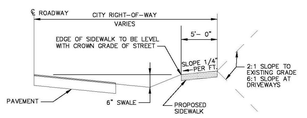
SCALE: N.T.S.

TYPICAL 1" WATER SERVICE

DATE: JUNE 2004
DWG. NO. 107-1



PLAN



TYPICAL SIDEWALK SECTION

SIDEWALK DETAILS

ENGINEERING STANDARDS 2019

REVISIONS BY	DATE
S.S.	6/21/07

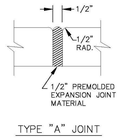
ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

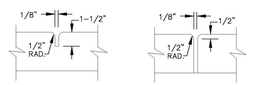
SIDEWALK DETAILS

DATE: JUNE 2005
DWG. NO. 301-1

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
"A"	JOINT SHALL BE PLACED AT P.C. AND P.T. OF CURVES, JUNCTION OF EXISTING SIDEWALKS, EVERY 60' ON NEW SIDEWALKS AND WHERE SIDEWALKS ABUT CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES.
"B"	JOINT SHALL BE PLACED 5'–0" CENTER
"C"	JOINT SHALL BE PLACED AT 20' INTERVALS



TYPE "A" JOINT



TYPE "B" JOINT

TYPE "C" JOINT

NOTE: SIDEWALK SHALL BE 4" THICK EXCEPT IN DRIVEWAYS WHERE THE THICKNESS SHALL BE 6".

SIDEWALK DETAILS

ENGINEERING STANDARDS 2019

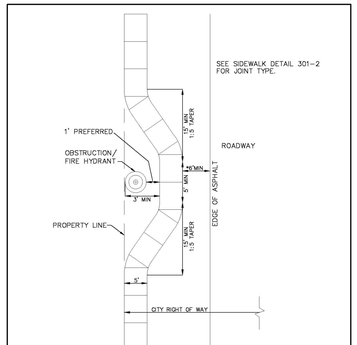
REVISIONS BY	DATE

ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

SIDEWALK DETAILS

DATE: JUNE 2005
DWG. NO. 301-2



PLAN

SIDEWALK OBSTRUCTION

* IF 5' DISTANCE CANNOT BE OBTAINED PROVIDE CURBING

ENGINEERING STANDARDS 2019

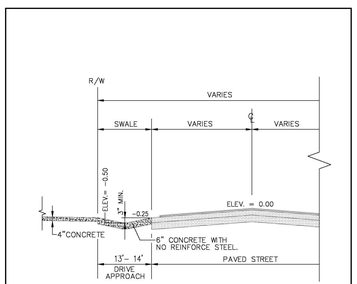
REVISIONS BY	DATE
T.W.	1–2008

ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

SIDEWALK OBSTRUCTION

DATE: JUNE 2005
DWG. NO. 301-3



TYP. DRIVEWAY SWALE SECTION

ENGINEERING STANDARDS 2019

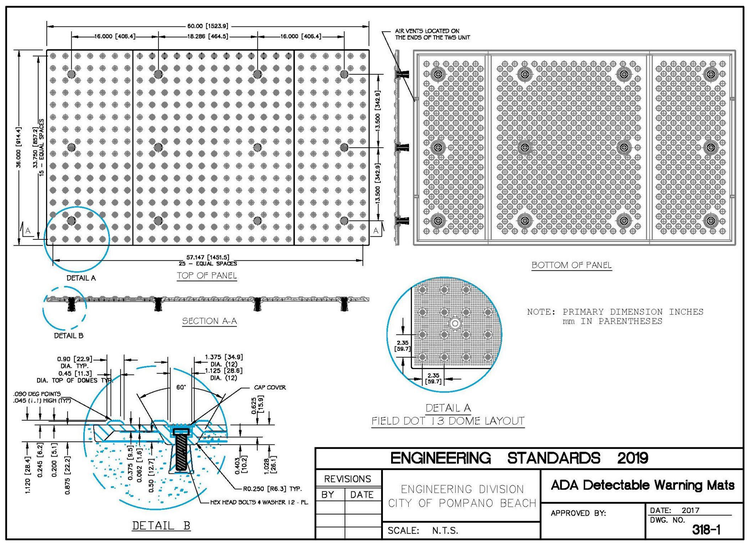
REVISIONS BY	DATE
S.S.	6/21/07

ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

TYPICAL DRIVEWAY SWALE

DATE: FEB. 1998
DWG. NO. 305-2



NOTE: PRIMARY DIMENSION INCHES mm IN PARENTHESES

ADA Detectable Warning Mats

ENGINEERING STANDARDS 2019

REVISIONS BY	DATE

ENGINEERING DIVISION CITY OF POMPANO BEACH

SCALE: N.T.S.

APPROVED BY:

DATE: 2017
DWG. NO. 318-1

J:\City STANDARDS\2019 Standards Details\Misc 3-1.dwg, 11/2/2018 10:46:45 AM

J:\City STANDARDS\2019 Standards Details\Misc 3-2.dwg, 12/20/2018 1:09:03 PM

ROBERT C SMITH

Digitally signed by ROBERT C SMITH
DN: c=US, o=Unaffiliated, ou=A01410D000001767 2F6C67100007708, cn=ROBERT C SMITH
Date: 2021.12.14 12:06:36 -05'00'

This item has been digitally signed and sealed by Robert C Smith, P.E., on December 14, 2021. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

ROBERT CLAYTON SMITH LICENSE No. 31177 STATE OF FLORIDA PROFESSIONAL ENGINEER

CITY OF POMPANO BEACH

STANDARD DETAILS

SNL IOV POMPANO BEACH LLC
CHICAGO, ILLINOIS

IOV SPEC – POMPANO BEACH

JOHN B. SMITH ENGINEERS, INC.
1457 N.E. 4th AVENUE
FORT LAUDERDALE, FLORIDA 33304
PHONE: (954) 763–4177
CERTIFICATE OF AUTHORIZATION NO. 1668

DESIGN	DRAWN	DATE	FILE
R.C.S.	R.C.S.	SEPT., 2021	21–144

SHEET 007 OF 016

Approved By _____
Robert C. Smith, P.E.
Registered Engineer No. 31177
State of Florida

DRC
PZ20-3-2000040
4/20/2022