

A CIVIL ENGINEERING FIRM  
EXPEDITING DEVELOPMENT

801 Brickell Avenue  
Suite 800  
Miami, Florida 33131

PH: 786.284.8828  
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FLORIDA CERTIFICATE OF AUTHORIZATION # 27431

PROJECT NUMBER: 23106

DRAWN BY: AH DESIGN BY: AH CHECK BY: LAB

ORIGINAL DRAWING DATE: 01/04/2023

REVISIONS:

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PROJECT NAME:

TOWNHOMES  
CANAL  
DRIVE  
POMPAÑO

LOCATION:

3233 - 3237 CANAL DRIVE  
POMPAÑO BEACH, FL 33062

FOR:

Mr. SERGE MICHAUD

3018 NE 20TH COURT  
FT. LAUDERDALE, FL 33305

PLAN STATUS:

SUBMITTAL SET:  
FOR AGENCY REVIEW  
AND APPROVAL

THIS ITEM HAS BEEN DIGITALLY SIGNED AND  
SEALED BY: LUIS A. BETALLELUZ, 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  
ELECTRONIC COPIES

DATE:

DEC. 7, 2023

LUIS A. BETALLELUZ, JR., P.E. FL P.E.# 65892  
(NOT VALID WITHOUT SIGNATURE AND PROPER SEAL)

SHEET NAME:

CITY DETAILS

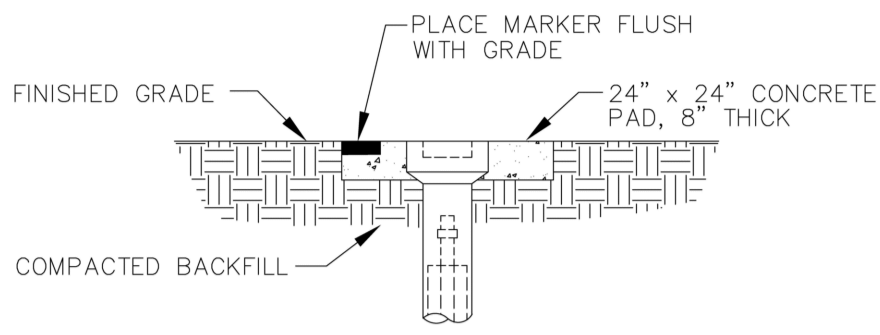
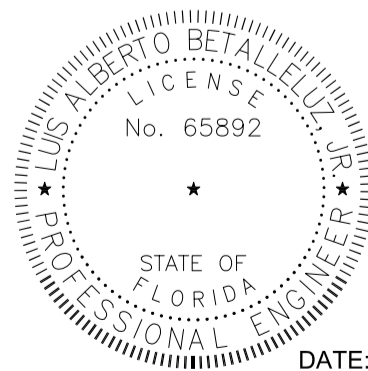
SHEET NUMBER:

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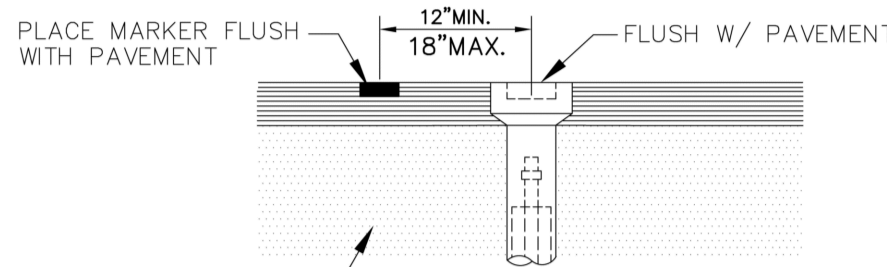


Call 811 or visit sunshine811.com two full  
business days before digging to have  
buried facilities located and marked.

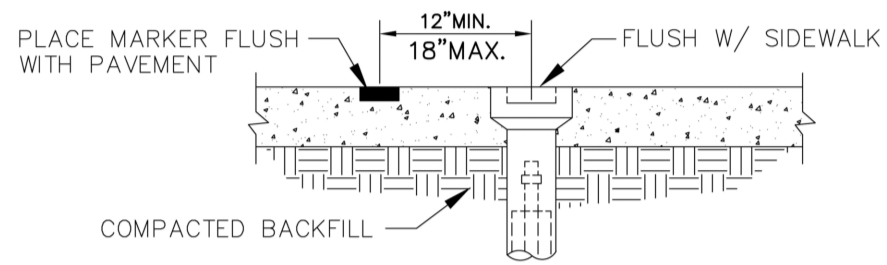
Check positive response codes before you dig!



UNPAVED AREAS



PAVED AREAS

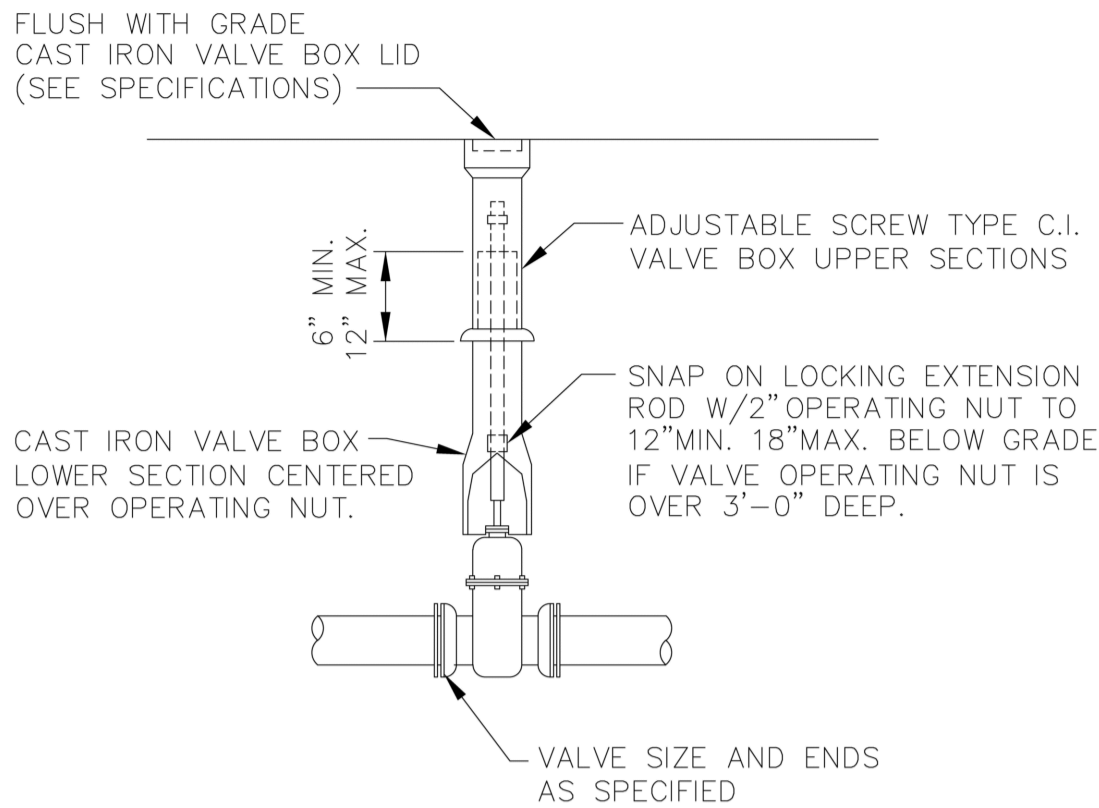


ON SIDEWALKS

### VALVE BOX SETTINGS

#### ENGINEERING STANDARDS 2022

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



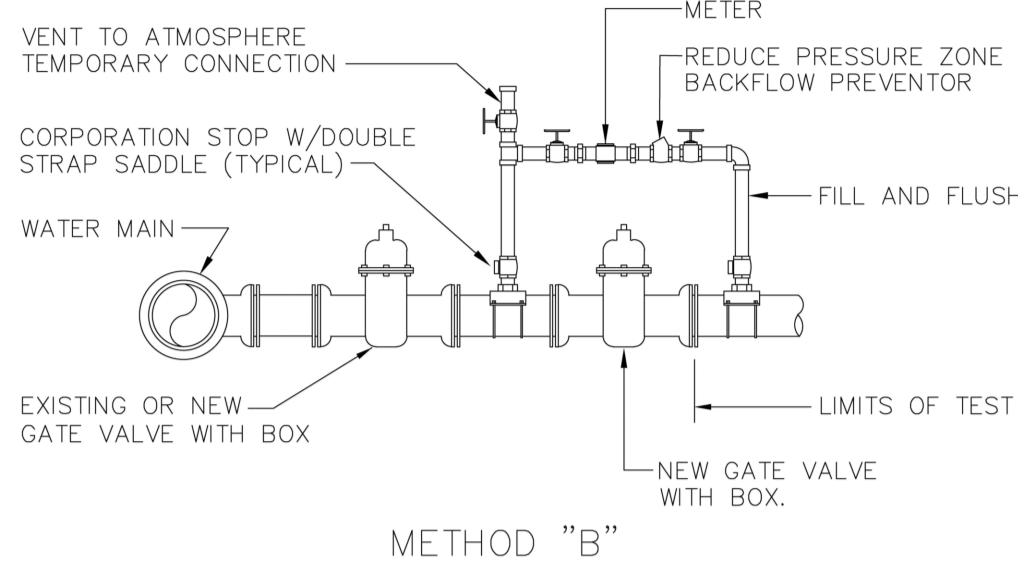
### GATE OR PLUG VALVE SETTING

USE MEGALUGS AT ALL PIPE JOINTS

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

#### ENGINEERING STANDARDS 2022

REVISIONS	BY	DATE	ENGINEERING DIVISION	GATE OR PLUG VALVE SETTINGS
S.S.	04-2005		CITY OF POMPAÑO BEACH	
T.W.	11-2007			
			SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 103-1



#### NOTES:

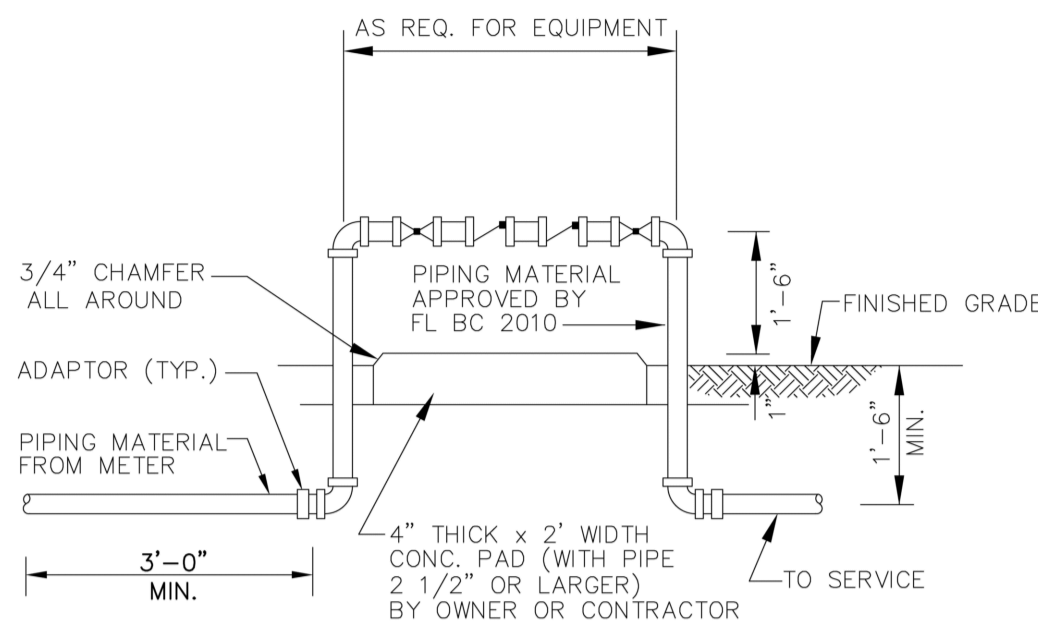
1. WATER MAIN TO BE PRESSURE TESTED AND DISINFECTED ACCORDING TO BROWARD COUNTY PUBLIC HEALTH UNIT REGULATIONS, AWWA, AND MUNICIPAL SPECIFICATIONS IN EFFECT.
2. BACTERIOLOGICAL TESTS ARE TO BE PERFORMED BY THE CONTRACTOR AND AN APPROVED TESTING LABORATORY.
3. REMOVE TEMPORARY CONNECTION AT SADDLE ON NEW MAINS AFTER FILLING AND FLUSHING HAS BEEN COMPLETED AND REPLACE WITH BRASS PLUG
4. PROVIDE ALL NECESSARY THRUST BLOCKS OR OTHER RESTRAINTS.
5. FILLING AND FLUSHING LOCATIONS SHALL BE COORDINATED BY THE CONTRACTOR, ENGINEER, AND CITY.
6. VENT TO ATMOSPHERE SHALL REMAIN OPEN DURING ALL PHASES OF PRESSURE TESTING.
7. AFTER COMPLETION FILL AND FLUSH CONNECTION
8. USE MEGALUGS AT ALL PIPE JOINTS

### FILLING AND FLUSHING CONNECTION

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

#### ENGINEERING STANDARDS 2022

REVISIONS	BY	DATE	ENGINEERING DIVISION	FILLING / FLUSHING CONNECTION
S.S.	04-2005		CITY OF POMPAÑO BEACH	
T.W.	11-2007			
S.S.	01-2012			
			SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 104-1

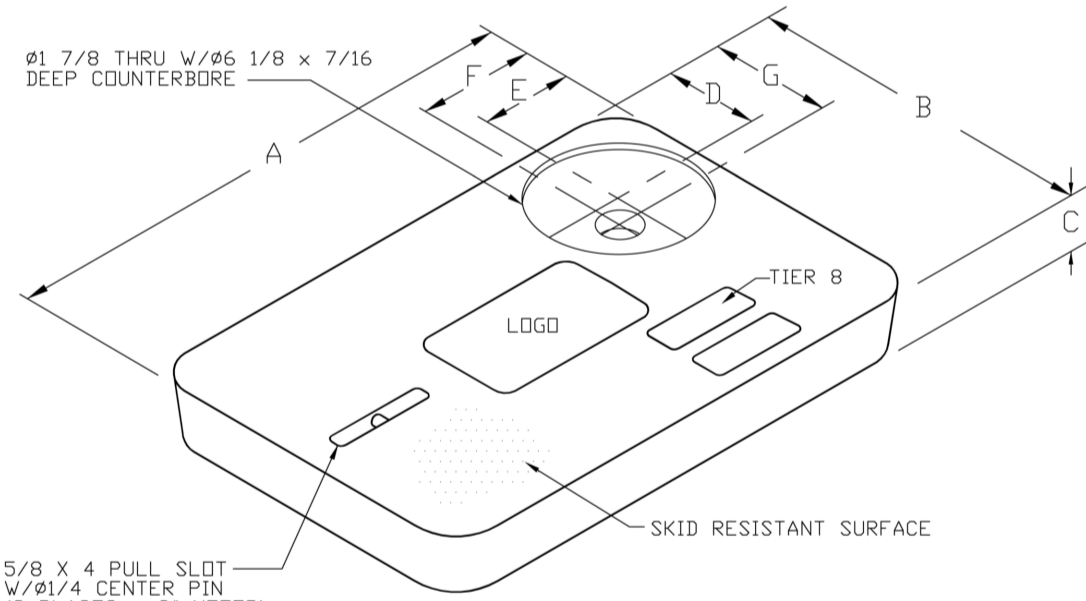


### BACKFLOW PREVENTER

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	BACKFLOW PREVENTER
S.S.	04-2005		CITY OF POMPAÑO BEACH	
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)	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"

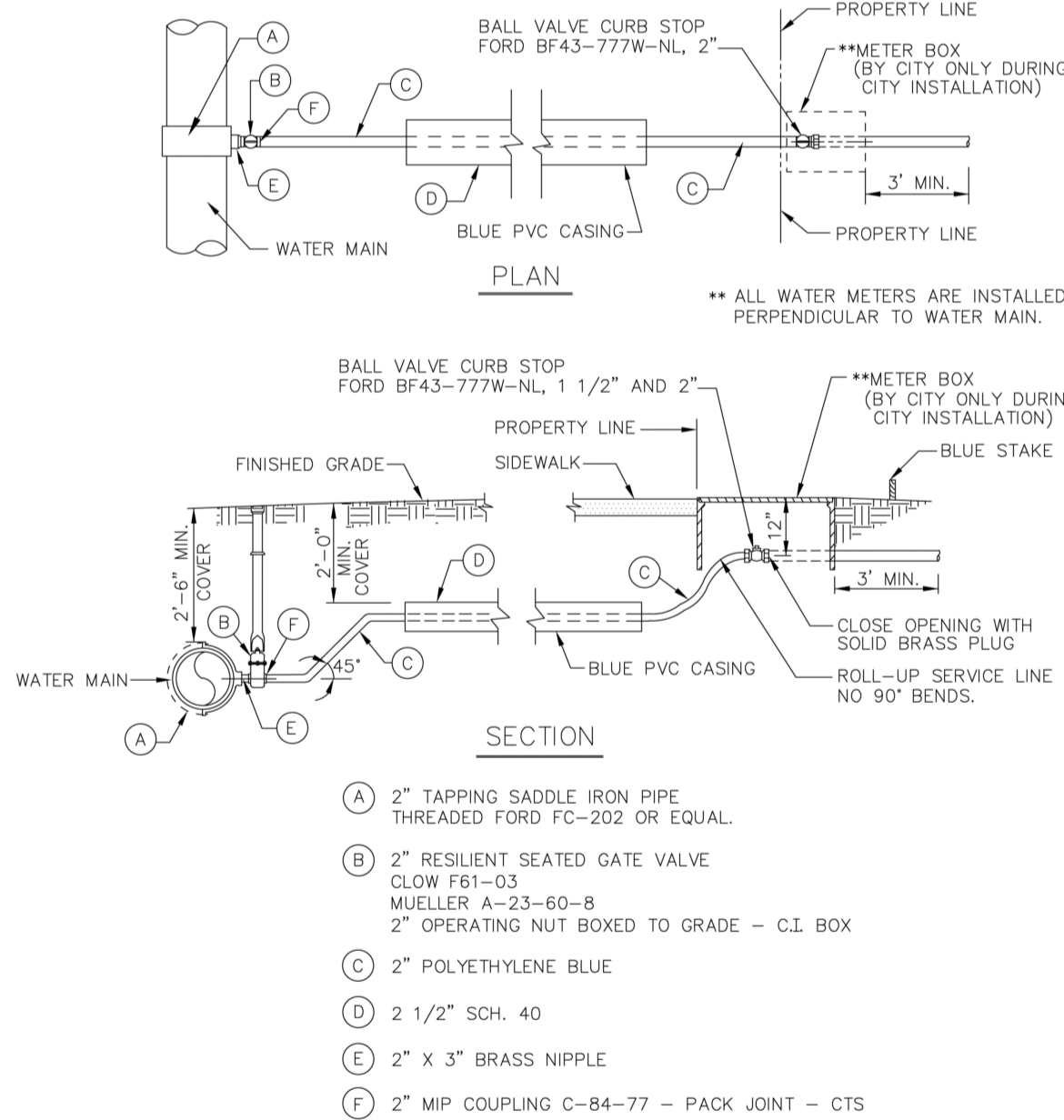
#### NOTES

1. CUSTOMER IS CITY OF POMPAÑO BEACH FLORIDA  
LOGO TO BE SPECIFIED: CITY OF POMPAÑO 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 (53,378 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

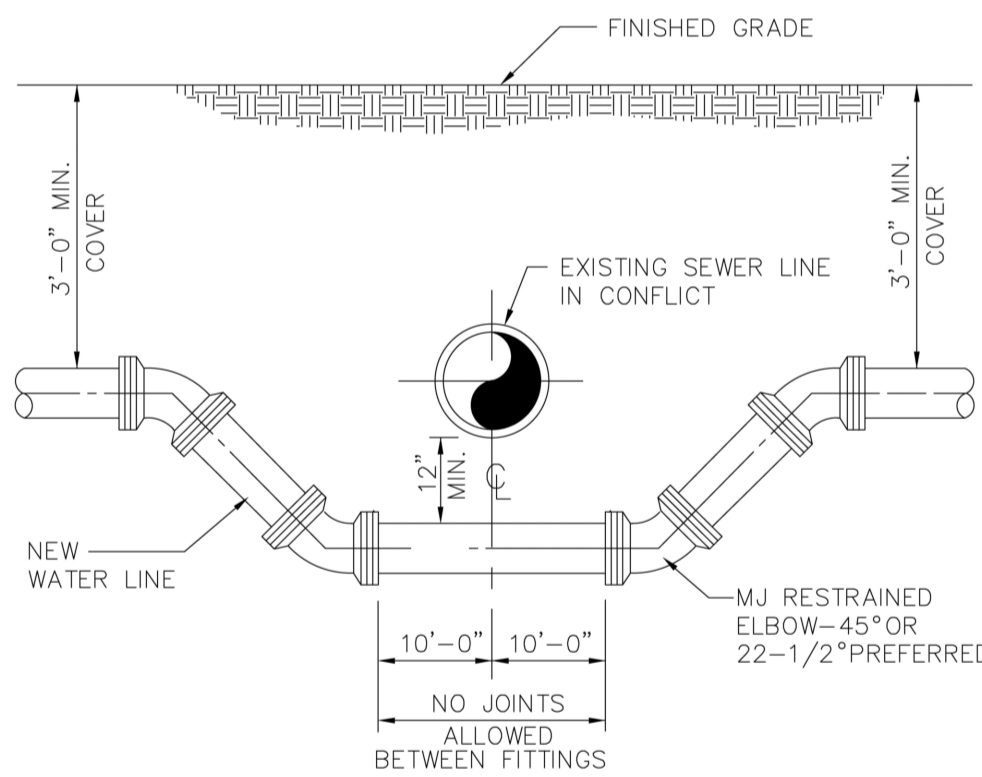
REVISIONS	BY	DATE	ENGINEERING DIVISION	TYPICAL METER BOX COVER
S.S.	11-2012		CITY OF POMPAÑO BEACH	
			SCALE: N.T.S.	DATE: JAN. 2022 DWG. NO. 105-3



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

#### ENGINEERING STANDARDS 2022

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



#### 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	BY	DATE	ENGINEERING DIVISION	TYPICAL CONFLICT (WATER)
S.S.	04-2005		CITY OF POMPAÑO BEACH	
S.S.	01-2012			
			SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 108-1