

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

REVISES		ENGINEERING DIVISION CITY OF POMPANO BEACH	FIRE HYDRANT ASSEMBLY	
BY	DATE			
T.W.	11-2007			
T.W.	10-2010			
S.S.	2-2012			
S.S.	11-2012	SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 109-1	

ENGINEERING STANDARDS 2022			
REVISONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	RESTRAINED VALVE AT TEE
BY	DATE		
S.S.	JUNE 2005		
SCALE: N.T.S.			DATE: MAY 2022 DWG. NO. <div style="text-align: center;">111-1</div>

ENGINEERING STANDARDS 2022				
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	DOMESTIC SERVICE ONLY	
BY	DATE			
TCW	04-08			
S.S.	01-2012			
S.S.	11-2012			
SCALE: N.T.S.		DATE: APRIL 2022 DWS. NO. 112-1		

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

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	RESTRAINED JOINT INFORMATION
BY	DATE		
SCALE: N.T.S.			DATE: MAY 2022 DWG. NO. 118-1

PYC HORIZONTAL BENDS AND VERTICAL UP BENDS					
PIPE SIZE (IN.)	RESTRAINED JOINT LENGTH L (MINIMUM DISTANCE IN FEET FROM FITTING - EACH WAY)				CROSS SECTION P.U.C. SCHED. 40 TEE /WYE
	BENDS				
	90°	45°	22.5°	11.25°	
6	26	11	6	3	53
8	33	14	7	4	68
12	46	19	10	5	96

PVC VERTICAL DOWN BEND				
PIPE SIZE (IN.)	RF STRAINED JOINT LENGTH L (MINIMUM DISTANCE IN FEET FROM FITTING - EACH WAY)			
	BENDS			
	90°	45°	22.5°	11.25°
6	26	11	6	3
8	33	14	7	4
12	46	19	10	5

DIP HORIZONTAL BENDS AND VERTICAL UP BENDS					
PIPE SIZE (IN.)	RESTRAINED JOINT LENGTH ^L (MINIMUM DISTANCE IN FEET FROM FITTING – FACT WAY)				GROSS WITH PLUS HEAD END TLC/WTC
	BENDS				
	90°	45°	22.5°	11.25°	
12"	68	78	14	7	144
24"	119	149	24	12	258

DIP VERTICAL DOWN BEND				
PIPE SIZE (IN.)	RESTRAINED JOINT LENGTH L (MINIMUM DISTANCE IN FEET FROM FITTING EACH WAY)			
	HIPS			
	90°	45°	22.5°	11.25°
12"	144	60	29	14
24"	258	107	51	25

ENGINEERING STANDARDS 2022			
REVISIONS		ENGINEERING DIVISION CITY OF POMPANO BEACH	RESTRAINED JOINT INFORMATION
BY	DATE		
SCALE: N.T.S.		DATE: MAY 2022	DWG. NO.
		118-2	