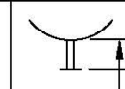


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FIRE METERS - OS & Y VALVES, GASKETS, SPOOL & METER						
(NEPTUNE HP FIRE SERVICE TURBINE METER)						
SIZE	VALVES (2)	GASKETS (4)	METER	TOTAL LENGTH		
3"	16"	1/2"	26 1/8"	42 5/8"		
4"	18"	1/2"	35"	53 1/2"		
6"	21"	1/2"	44 7/8"	66 3/8"		
8"	23"	1/2"	51 5/16"	74 13/16"		
10"	26"	1/2"	56"	82 1/2"		
FIRE SERVICE METERS - TEES, OS & Y VALVES, GASKETS & METERS						
(HP PROTECTUS III FIRE SERVICE METER)						
SIZE	TEES (2)	VALVES (2)	GASKETS (6)	METER	TOTAL LENGTH	
4" X 1"	4" X 3" - 26"	18"	3/4"	33"	77 3/4"	
6" X 1 1/2"	6" X 4" - 32"	21"	3/4"	45"	98 3/4"	
8" X 2"	8" X 4" - 36"	23"	3/4"	53"	112 3/4"	
10" X 2"	10" X 6" - 44"	26"	3/4"	68"	138 3/4"	
COMPOUND METERS - STRAINER, TEE, OS & Y VALVES, GASKETS & METERS						
(NEPTUNE TRU/FLOW COMPOUND METER)						
SIZE	STRAINER	TEES (2)	VALVES (2)	GASKETS	METER	TOTAL LENGTH
3"	6"	3" X 3" - 22"	16"	3/4"	17"	61 3/4"
4"	7 1/2"	4" X 4" - 26"	18"	3/4"	20"	72 1/4"
6"	9"	6" X 4" - 32"	21"	3/4"	24"	86 1/4"
8" X 8"	10"	8" X 4" - 36"	23"	3/4"	55 3/8"	125 1/8"
*All fittings, valves and meters are flanged & all dimensions are from face of flange to face of flange.					NOTE PLEASE NOTE THAT WATER METERS 3" AND LARGER ARE SUBJECT TO AN APPROXIMATE ORDER LEAD TIME OF 60 TO 75 DAYS AFTER FULL PAYMENT. PLEASE CONTACT CUSTOMER SERVICE AT 954-786-4637 TO ARRANGE FOR METER PROCUREMENT AND INSTALLATION.	

ENGINEERING STANDARDS 2019						
REVISIONS		ENGINEERING DIVISION		METER INSTALL DIMENSION LIST		
BY	DATE	CITY OF POMPAÑO BEACH				
T.W.	02-2008					
S.S.	12-2013					
S.S.	11-2016					
		SCALE: N.T.S.				
				DATE: FEB. 2008	DWG. NO.	
				106-4		

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ENGINEERING STANDARDS 2019				
REVISIONS		ENGINEERING DIVISION		TYPICAL 1" WATER SERVICE
BY	DATE	CITY OF POMPAÑO BEACH		DATE: JUNE 2004
T.W.	04-2005			DWG. NO.
T.W.	11-2007			107-1
S.S.	05-2012			
S.S.	11-2015			
		SCALE: N.T.S.		

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ENGINEERING STANDARDS 2019				
REVISIONS		ENGINEERING DIVISION		TYPICAL 2" WATER SERVICE
BY	DATE	CITY OF POMPAÑO BEACH		DATE: APRIL 2004
T.W.	08-2009			DWG. NO.
S.S.	05-2011			107-2
S.S.	05-2012			
S.S.	11-2018			
		SCALE: N.T.S.		

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ENGINEERING STANDARDS 2019				
REVISIONS		ENGINEERING DIVISION		TYPICAL CONFLICT (WATER)
BY	DATE	CITY OF POMPAÑO BEACH		DATE: JUNE 1996
T.W.	04-2005			DWG. NO.
S.S.	01-2012			108-1
		SCALE: N.T.S.		

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.

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ENGINEERING STANDARDS 2019				
REVISIONS		ENGINEERING DIVISION		FIRE HYDRANT ASSEMBLY
BY	DATE	CITY OF POMPAÑO BEACH		DATE: JUNE 1996
T.W.	11-2007			DWG. NO.
T.W.	10-2010			109-1
S.S.	2-2012			
S.S.	11-2012			
		SCALE: N.T.S.		

NOTES
HYDRANT GUARDS TO BE 6" DIAMETER GALVANIZED STEEL PIPE PAINTED YELLOW FILLED WITH CONCRETE. OMIT GUARDS IN LOCATIONS WHERE SIDEWALKS EXIST.

**USE 2-3/4" S.S. TIE RODS WHEN DISTANCE BETWEEN MAIN AND HYDRANT < 10'. TIE RODS WILL BE USED W/RESTRAINED JOINTS OR USE MEGALUGS AT ALL PIPE JOINTS

HYDRANTS INSTALLED ON EXISTING WATER MAINS MUST USE A MUELLER M.J. DI TAPPING SLEEVE, H-615 OR APPROVED EQUAL.

HYDRANTS CONNECTED TO NEW MAINS SHALL BE CONNECTED USING A HYDRANT TEE.

ALL POMPAÑO BEACH HYDRANTS SHALL BE PAINTED RED.

TYPICAL FIRE HYDRANT ASSEMBLY

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ENGINEERING STANDARDS 2019				
REVISIONS		ENGINEERING DIVISION		RESTRAINED VALVE AT TEE
BY	DATE	CITY OF POMPAÑO BEACH		DATE: JUNE 1996
T.W.	04-2005			DWG. NO.
S.S.	JUNE 2005			111-1
		SCALE: N.T.S.		

USE MEGALUGS AT ALL PIPE JOINTS

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

DESIGNED: WFI	DATE: 01/2023
DRAWN: WFI	DATE: 01/2023
CHECKED:	DATE:
PUBLISHED: 8/21/2023, 8:27:55 PM	



PALM AIRE TENNIS CENTER
RWB / LINARES ARCHITECTURE

CITY OF POMPAÑO BEACH
STANDARD WATER DETAILS

PROJED:	EB-0032995
FILE:	LB-0002995
SHEET:	22 OF 36
DATE:	10/04/2023

PZ23-12000009
10/04/2023