PICO WATER DISTRICT WATER SERVICE INSTALLATION
3"-4"-6"

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19 1/8"	3" TURBINE W/STRAINER		
23 1/8"	4" TURBINE W/STRAINER	3", 4", 6	N N 1/8" W BOX
29 1/8"	4" COMPOUND W/STRAINER	3", 4", & 6" METER LAY LENGTHS	
27 1/8"	6" TURBINE W/STRAINER		D.I.P.  ONCRETE
24 1/8"	6" COMPOUND W/STRAINER		
			G CRUSHED ROCK
			2 2

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DUCTILE IRON 90° BEND MJ X FLANGE DUCTILE IRON PIPE RISER FLANGE X PE LENGTH AS REQUIRED

DUCTILE IRON PIPE

DUCTILE IRON RESTRAINT GLAND

RESILIENT WEDGE TAPPING VALVE FLANGE X MJ

MUELLER RS MINIMUM 1/4" STEEL

WELDED STEEL NOZZLE

DUCTILE IRON REDUCER
(AS REQUIRE)

DUCTILE IRON SPOOL FLANGE

X FLANGE LENCTH 5 TIMES O
DIAMETER OF MITTER EX: 4"

W/STRAINER

METER=20" SPOOL

3", 4", OR 6" METER

M/STRAINER

CLASS 53 PER AWWA/ANSI 151/A21.51

SEE SECTION 4

SEE SECTION 4 SEE SECTION 4 SEE SECTION 4

TYLER UNION OR APPROVED EQUAL

CLASS 53 PER AWWA/ANSI 151/A21.51

TYLER UNION OR APPROVED EQUAL

CLASS 350 PER AWWA/ANSI 151/A21-51 EBBA IRON MEGA WG. FORD UNI-FLANGE SERIES 140 OR APPROVED EQUAL

SEE SECTION 4 SEE SECTION 4 SEE SECTION 4 AND STANDARD DRAWING W-8 SEE STANDARD DRAWING W-22 TEM

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SIZE / DESCRIPTION

STANDARD DRAWING MATERIALS

TYLER UNION OR APPROVED EQUAL

MATERIAL SPECIFICATIONS

REMARKS

SMITH BLAIR CC-662, MUELLER H-304 OR APPROVED EQUAL

SEE SECTION 4 SEE SECTION 4

DUCTILE IRON TEE MJ X
MJ X FLANGE OR
STAINLESS STEEL TAPPING
SLEEVE OR

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CONC. THRUST BLOCK

2000 PSI PER ASTM C-39 OR READY-MIX PER ASTM C-94

SEE STD DRAWING W-17 SEE SECTION 4 AND STD DRAWINGS W-8 AND W-31

C-900 CL200 OR SCH 80 PVC PIPE

8" FLU PIPE RISER

VALVE BOX

CONCRETE METER VAULT WITH STEEL 2 PIECE COVER WITH READING LIDS

BROOKS MODEL #68, 700 SERIES OR APPROVED EQUAL. SIZE DETERMINED BY METER CONFIGURATION

METER TYPE AND CONFIGURATION TO BE DETERMINED BY THE WATER SUPERINTENDENT

METER TO BE PURCHASED FROM AND FURNISHED BY THE CITY. SEE SECTION 4.9 SEE SECTION 4.9 AND STD DRAWINGS W-29 AND W-30

BROOKS MODEL 4TT OR APPROVED EQUAL DRAWINGS W-8 AND W-31

>	A ALL 3", 4", AND 6" OR LARGER SERVICES SHALL CONFORM WITH SECTION 4.9
₩	ALL BURIED FERROUS SURFACES, PIPES, AND FITTING SHALL BE PROTECTED AND POLYETHYLENE ENCASED PER SECTION 4.2.3 AND 4.3.3
ဂ	ALL NUTS, BOLTS, AND WASHERS SHALL BE STAINLESS STEEL PER SECTION 4
0	MINIMUM SERVICE LATERAL SIZE SHALL BE 4"
m	ALL PIPES AND FITTINGS SHALL BE IDENTIFIED WITH BURIED PIPE WRAP TAPE PER SECTION 4.3.3H
П	ALL BACKFILL SHALL CONSIST OF NATIVE MATERIALS (95% REL. COMPACTION) OR C.A.B. PER STD. DWG. No. S-25 AND PER SECTION 4.8
<b>G</b>	A VALVE EXTENSION MAY BE REQUIRED. INSTALL PER SECTION 4.3.2C AND STD. DRAWING W-32 OR RW-10
I	FOR METER RUNS PARALLEL TO CURB, EXTEND SERVICE AS NEEDED AND ROTATE UPPER 90 BEND ¼ TURN. SEE STD DRAWING W-21B
_	METER SPACERS OR SPOOLS OF VARIOUS LENGTHS MAY BE REQUIRED FOR VARIOUS METER TYPE AND CONFIGURATIONS. THESE SHALL BE MADE UP UNDER DIRECTION OF THE GENERAL MANAGER
ے	ALL INSTALLATIONS TO CONFORM WITH SECTION 3 AND SECTION 4 AS APPROPRIATE

< 0.4	DRAWING NUMBER

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MIGGACIACA
MANAGER
GENERAL MANAGER

**GENGNATS** 

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