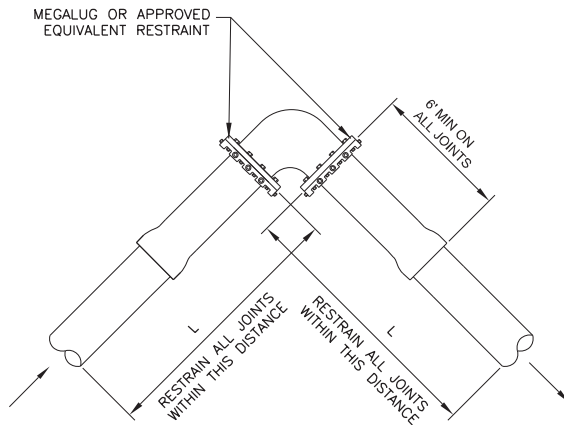


ECLIPSE BLOW-OFF ASSEMBLY NOTES:
 A 2" GATE VALVE WITH VALVE BOX (ACCESSIBLE FROM SURFACE) TO BE INSTALLED AT WATER MAIN CONNECTION

ECLIPSE HYDRANT BLOW-OFF ASSEMBLY
 NOT TO SCALE



EXAMPLE:
 PIPE = 6" PVC
 L = 28'

PVC HORIZONTAL BEND RESTRAINED LENGTHS IN FT.									
BEND ANGLE	PIPE SIZE								
	4	6	8	10	12	14	16	18	20
90	20	28	37	44	52	59	67	73	81

NOTES:
 1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED

DIP HORIZONTAL BEND RESTRAINED LENGTHS IN FT.									
BEND ANGLE	PIPE SIZE								
	4	6	8	10	12	14	16	20	
90	15	21	28	34	40	45	51	62	

NOTES:
 1. ALL JOINTS WITHIN THE "L" DISTANCE SHALL BE RESTRAINED

NOTE:
 1. THRUST BLOCK NOT SHOWN FOR CLARITY

BASED ON:
 TEST PRESSURE: 200 PSI
 SOIL TYPE: GM - SILTY GRAVEL,
 GRAVEL-SAND-SILT MIXTURE
 BURIAL DEPTH: 4 FT.
 TRENCH TYPE: 5 - PIPE BEDDED IN
 COMPACTED GRANULAR MATERIAL TO
 THE CENTER LINE OF PIPE, 4" MIN.
 UNDER PIPE, COMPACTED GRANULAR
 OR SELECT MATERIAL TO TOP OF
 PIPE. (APPROXIMATELY 95% OF
 MODIFIED PROCTOR, AASHTO T-180)

SAFETY FACTOR: 1.5
 * CALCULATIONS DERIVED FROM EBAA
 IRON SALES



MEGALUG RESTRAINING SYSTEM DETAILS
 NOT TO SCALE

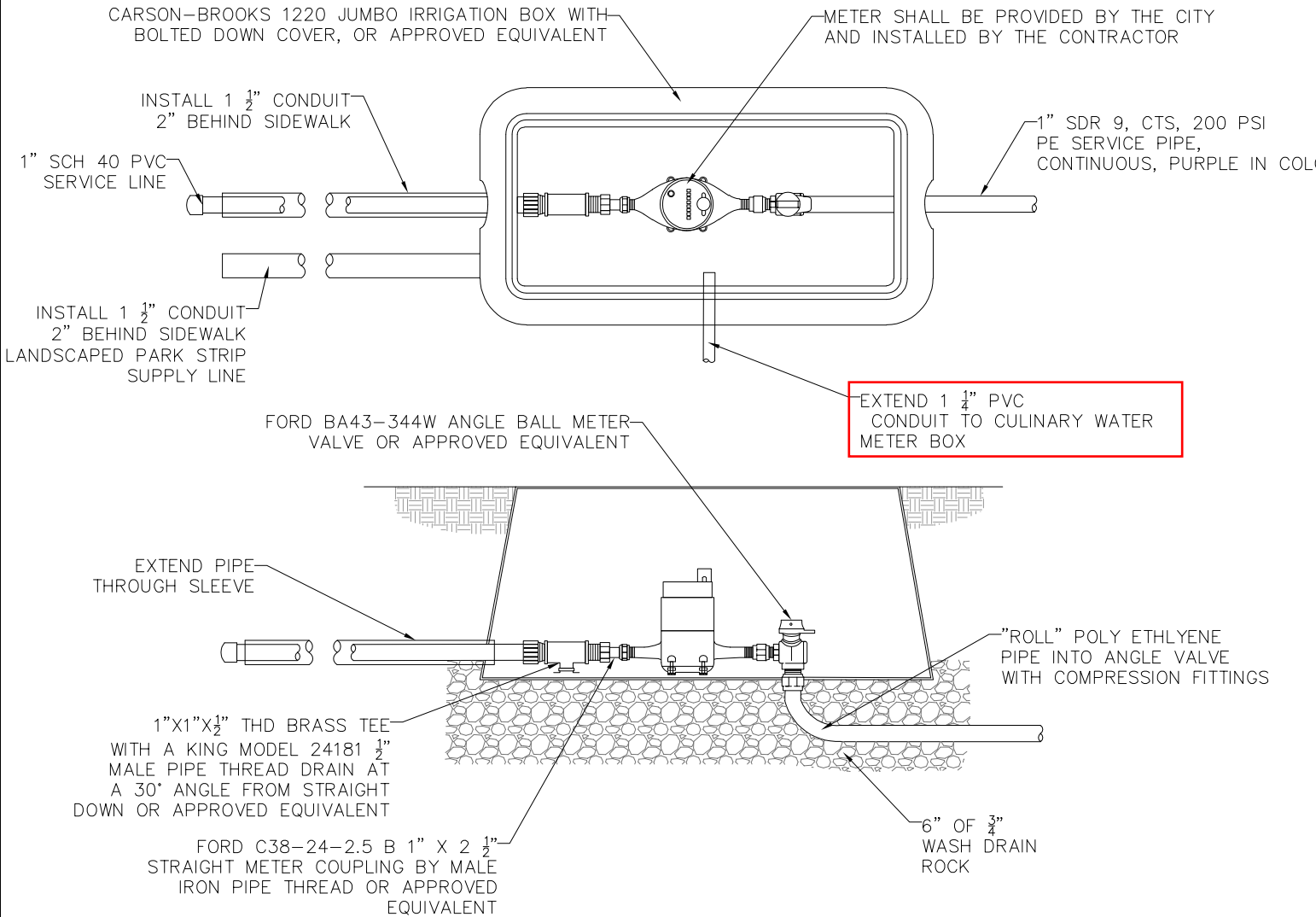
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MEGALUG RESTRAINING SYSTEM & ECLIPSE HYDRANT BLOW-OFF ASSEMBLY
 SANTAQUIN CITY
 110 SOUTH CENTER STREET

STANDARD DRAWING NUMBER: **W7**
 CAD: DWG0_dwg_6-12.dwg
 PLOT SCALE: 1.000
 DRAWN BY: NEB
 DESIGN BY: NEB
 CHECKED BY: MLC
 ADOPTED DATE: 20 JUN 12

REVISION			
NO.	DESCRIPTION	BY	APP. DATE
1	ADDED NOTE THAT THRUST BLOCKS ARE NOT SHOWN FOR CLARITY		



PRESSURIZED IRRIGATION METER BOX
NOT TO SCALE

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REVISION			
NO.	DESCRIPTION	BY	DATE
1	fixed label for conduit between boxes to say PVC	TJW	



**PRESSURE IRRIGATION
METER BOX**
SANTAQUIN CITY
110 SOUTH CENTER STREET

PI2

ADOPTED DATE:
19 - OCT - 16