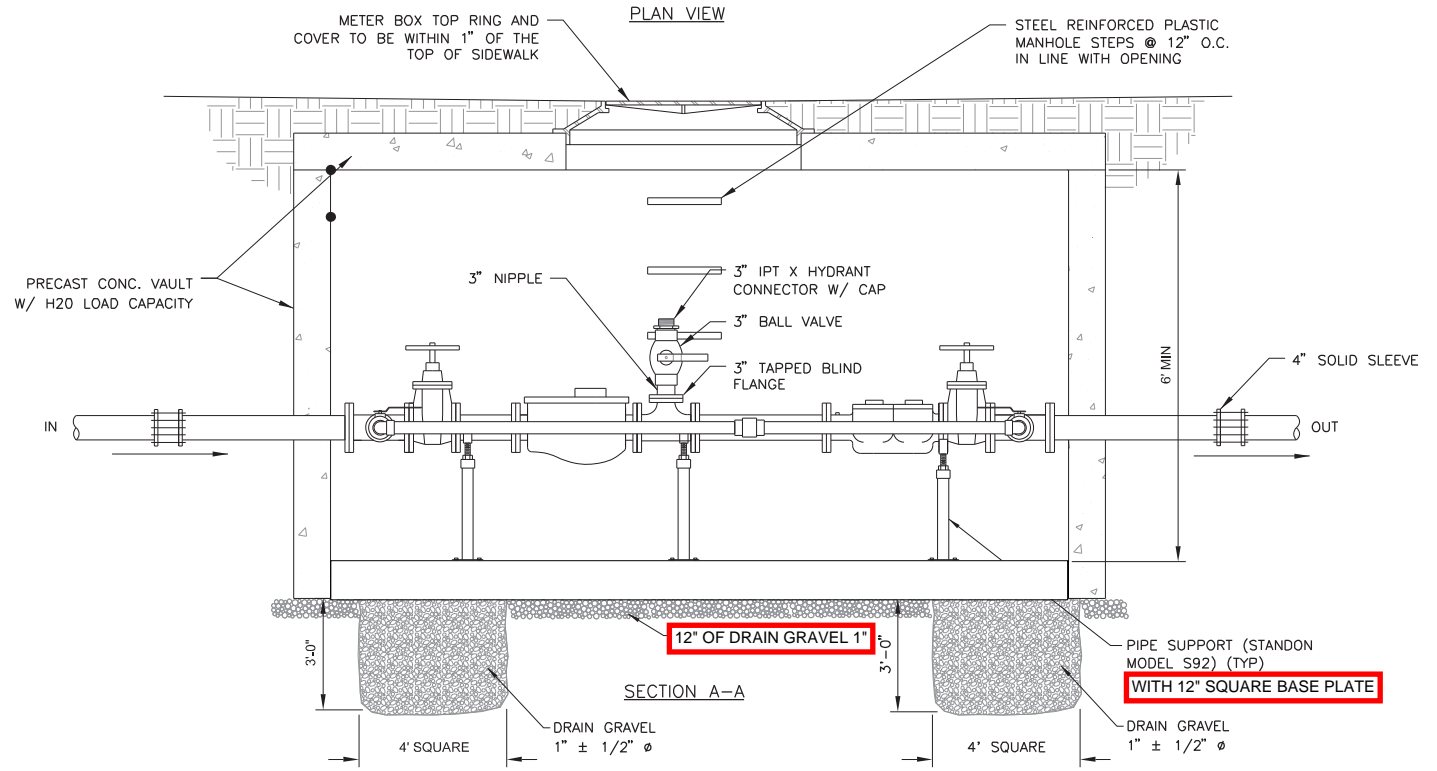


CONBRACO 40-10A-02
DOUBLE CHECK ASSEMBLY



- NOTES:
1. ALL 4" PIPE AND FITTINGS SHALL BE DUCTILE IRON.
 2. ALL DUCTILE IRON PIPING AND FITTINGS SHALL BE PAINTED W/ AN NSF APPROVED EPOXY BASED PAINT
 3. ALL 3" & 2" PIPE AND FITTINGS SHALL BE BRASS
 4. ALL REBAR SHALL HAVE 30" OVERLAPS.
 5. PORTLAND CEMENT CONCRETE MAY ONLY BE POURED ON UNDISTURBED SOIL, 3/4" CRUSHED GRAVEL, OR COMPACTED UNTREATED ROAD BASE.
 6. SEPARATE DRAWINGS MUST BE SUBMITTED FOR APPROVAL FOR LARGER WATER SERVICES.
 7. METER BOXES SHALL BE PLACED IN LANDSCAPE AREAS.

4" WATER SERVICE CONNECTION

NOT TO SCALE



STATEMENT OF USE

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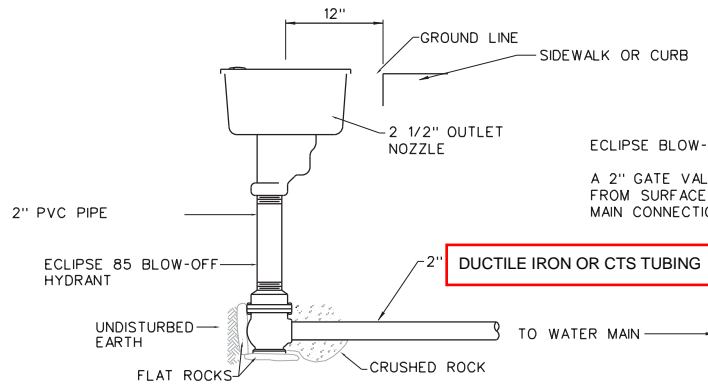
NO.	REVISION	DATE



4" WATER SERVICE CONNECTION

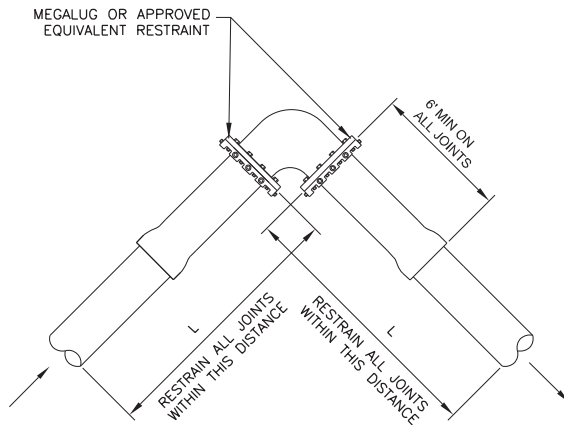
SANTAQUIN CITY
110 SOUTH CENTER STREET

STANDARD DRAWING NUMBER:	W3
CAD DWG: .dwg	6-12.dwg
PLOT SCALE:	1:000
DRAWN BY:	DSP
DESIGN BY:	DSP
CHECKED BY:	DCT
ADOPTED DATE:	20 JUN 12



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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REVISION

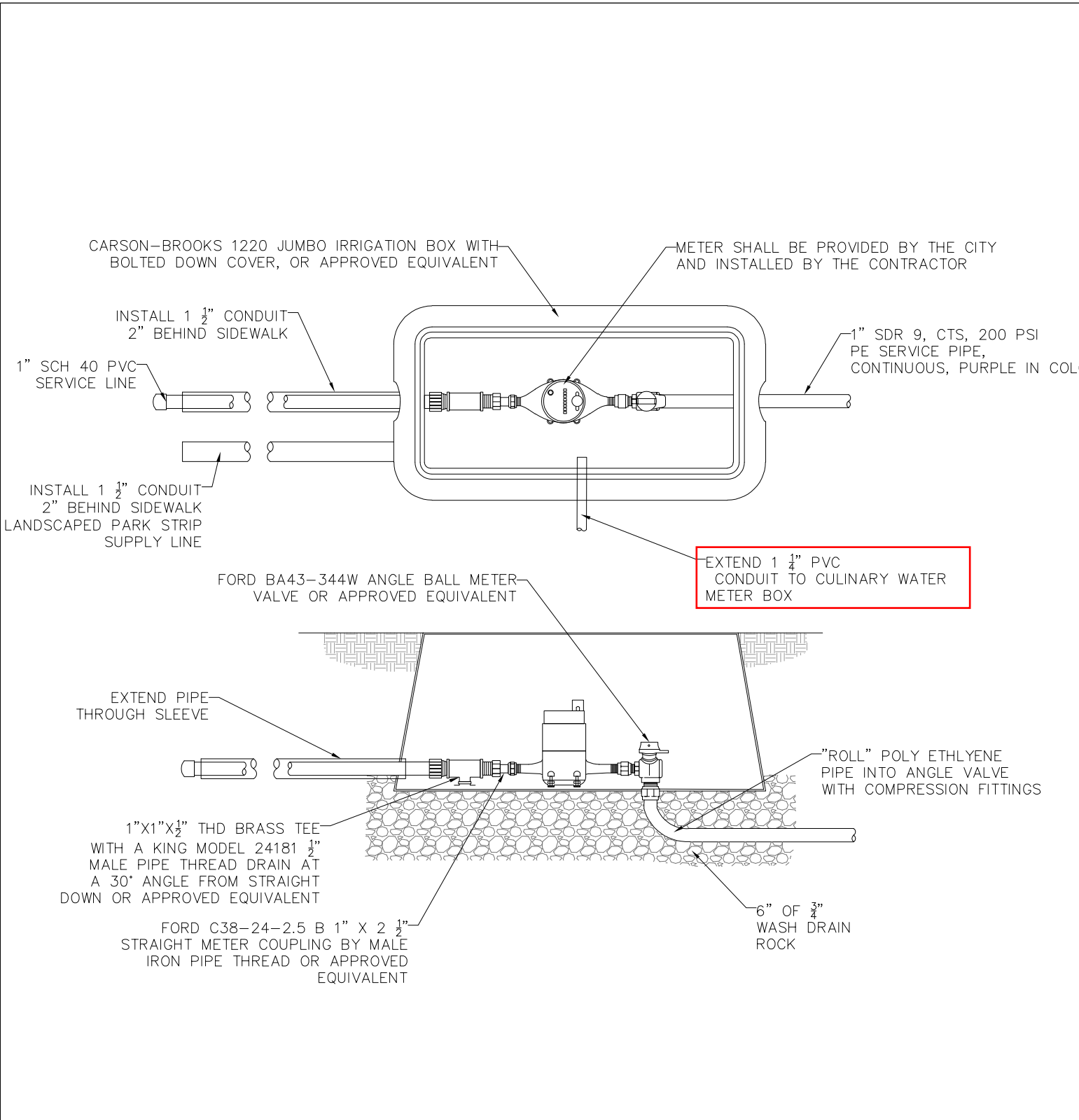
NO.	DESCRIPTION	BY	APR.	DATE
1	ADDED NOTE THAT THRUST BLOCKS ARE NOT SHOWN FOR CLARITY	NEB	MLC	11/22/13



**MEGALUG RESTRAINING SYSTEM &
 ECLIPSE HYDRANT BLOW-OFF ASSEMBLY**

SANTAQUIN CITY
 110 SOUTH CENTER STREET

STANDARD DRAWING NUMBER:	W7
CAD DWG: d_wgs_6-12.dwg	
PLOT SCALE:	1.000
DRAWN BY:	NEB
DESIGN BY:	NEB
CHECKED BY:	MLC
ADOPTED DATE:	20 JUN 12



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