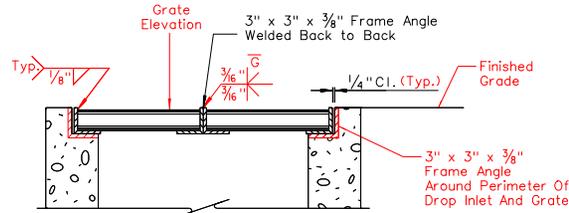
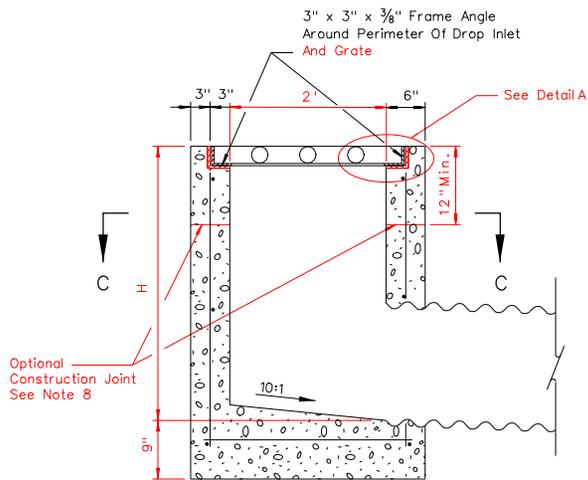


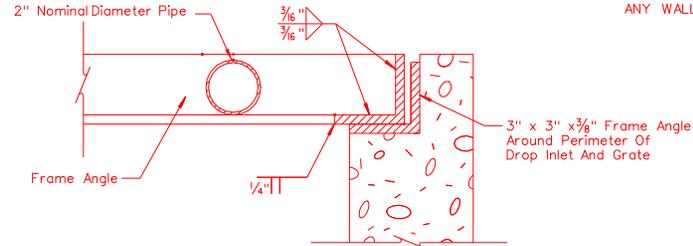
SECTION C-C



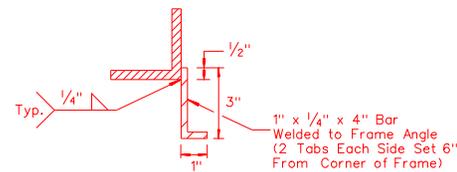
SECTION B-B



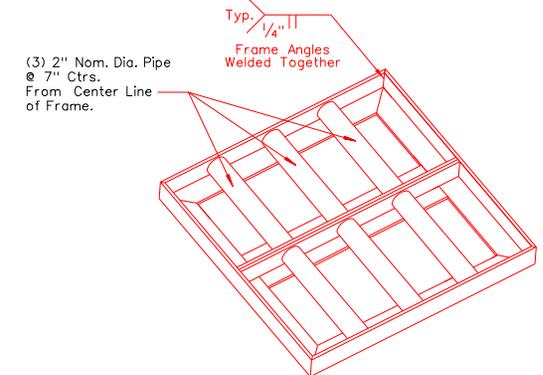
SECTION A-A



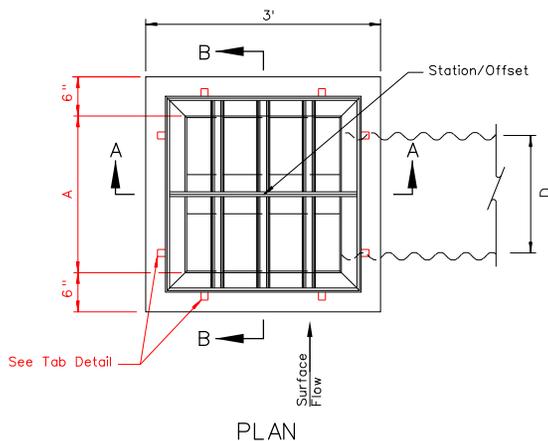
DETAIL A



TAB DETAIL



GRATE DETAIL



PLAN

**NOTES:**

1. ALL CONCRETE SHALL BE CLASS A OR AA.
2. REINFORCING STEEL SHALL BE NO. 4 BARS WITH MAXIMUM SPACING AT 18" CENTERS, WIRE TIGHTLY AT ALL INTERSECTIONS AND EMBEDDED 2" CLEAR OF ALL CONCRETE SURFACES.
3. EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1".
4. STRUCTURAL STEEL WEIGHT INCLUDES THE 2" NORMAL DIAMETER PIPE STANDARD WEIGHT AND 3"x3"x3/8" FRAME ANGLES.
5. FOR 2" NOMINAL DIAMETER PIPE SEE ASTM A53.
6. SEE SHEET R-2.9.1 FOR DETAILS IF CONNECTING HDPE PIPE.
7. SLOPE CATCH BASIN FLOORS 10:1 FROM ALL DIRECTIONS TOWARD OUTLET PIPE, IF BASIN IS USED AS A JUNCTION, SHAPE FLOW LINE(S) TO OUTLET PIPE AND PROVIDE A 10:1 SLOPE TO FLOW LINE(S).
8. RUN REBAR CONTINUOUS THRU CONSTRUCTION JOINT. JOINT MUST BE A MIN. 3" FROM HORIZONTAL BARS.

**DESIGN NOTES:**

- D1. ADDITIONAL PIPE PENETRATIONS MAY BE PLACED IN ANY WALL.

R-43

R C P I P E	PIPE SIZE (INCH)	A	H Min. (FT)	CONCRETE (CU. YD.)		REINFORCING (LB)		STRUCTURAL STEEL (LB)
				BASE QUAN. (H Min.)	ADD RATE (CU. YD./FT)	BASE QUAN. (H Min.)	ADD RATE (LB/FT)	
H D P E	15"	2'	2.50	0.71	0.19	36	10	200
	18"	2' 6"	3.00	0.89	0.20	40	10	220
	24"	3'	3.50	1.08	0.22	58	12	240
C M P	30"	3' 6"	4.00	1.28	0.24	63	12	260
	36"	4'	4.50	1.50	0.26	67	13	280
C M P	42"	4' 6"	5.00	1.71	0.28	90	15	300
	48"	5'	5.50	1.94	0.30	95	15	319

The Concrete And Reinforcing Quantities Are Based On The H Min. Shown. Increase The Concrete And Reinforcing Base Quantity By The Corresponding Add Rate (Per Foot Of Increased H) If The H Specified Is Larger Than H Min.

NEVADA DEPARTMENT OF TRANSPORTATION

**TYPE 2A  
DROP INLET**

Signed Original On File R-4.2.1.1 (609)  
 CHIEF HYDRAULICS ENGINEER ADOPTED 1/70 REVISION 5/09