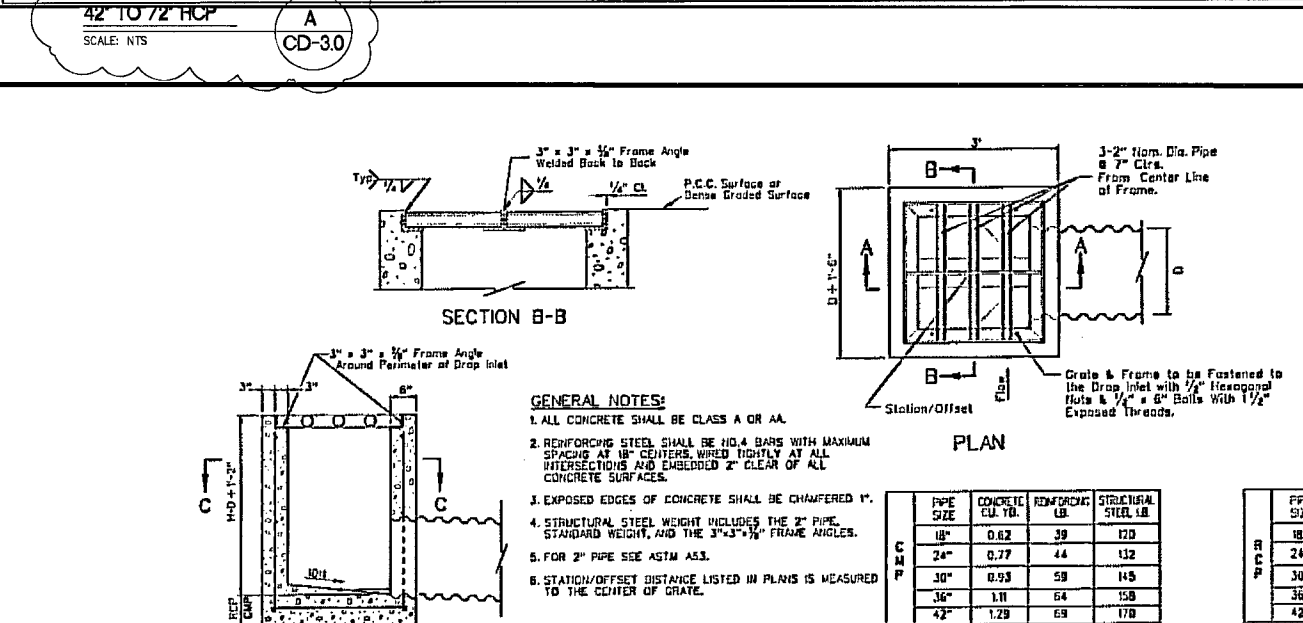
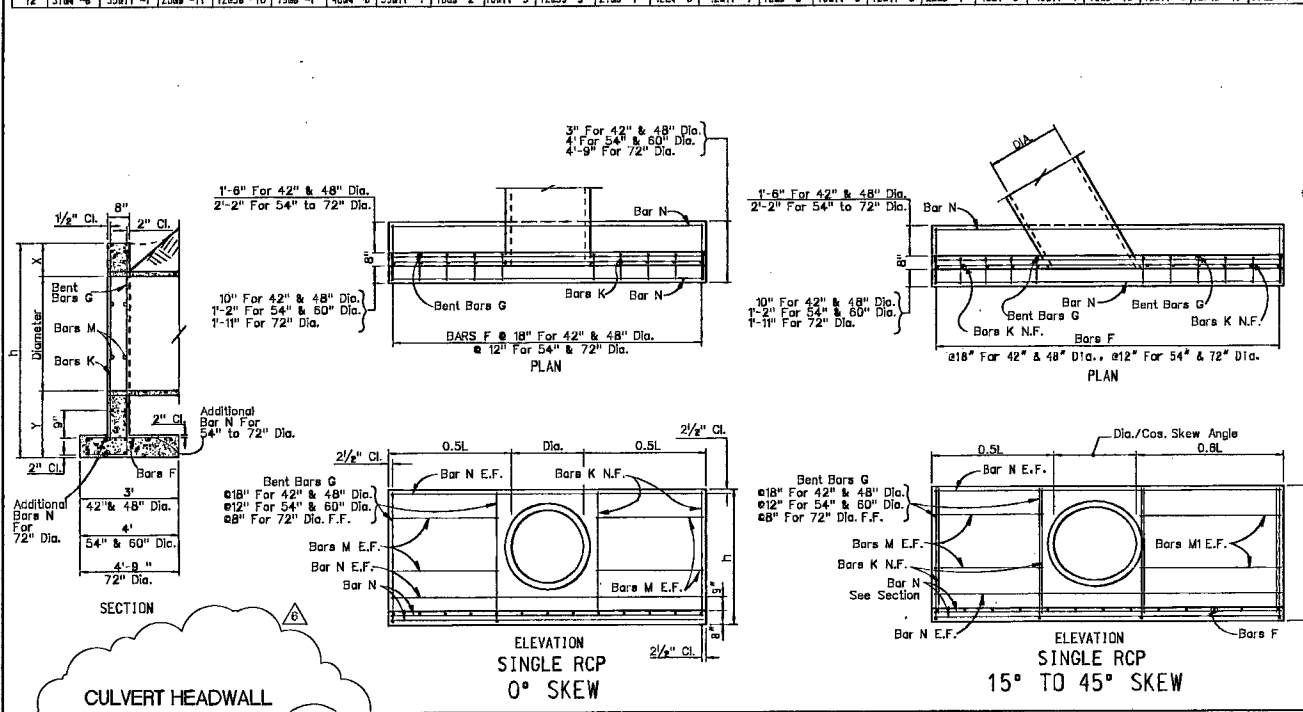


QUANTITIES SHOWN BELOW ARE FOR TWO HEADWALLS.													
RCP SIZE DIA.	RCP AREA SQ. FT.	SINGLE RCP				DOUBLE RCP				X	Y	L	h
		0° SKEW	15° SKEW	30° SKEW	45° SKEW	0° SKEW	15° SKEW	30° SKEW	45° SKEW				
42"	9.62	6.10	5.71	5.66	5.64	6.27	6.38	6.66	6.18	6.92	8.80	7.48	9.15
48"	12.57	7.41	6.88	6.80	6.74	8.21	8.46	8.92	8.08	9.88	10.65	8.88	11.07
54"	15.90	9.81	9.00	8.86	8.78	10.67	10.96	11.21	10.67	12.36	14.12	13.40	14.68
60"	19.64	11.29	11.37	11.32	11.24	12.50	12.88	13.32	12.88	15.08	16.25	15.37	16.88
72"	28.27	15.62	16.25	16.06	15.92	17.30	17.85	18.32	17.85	20.67	22.49	21.64	23.36

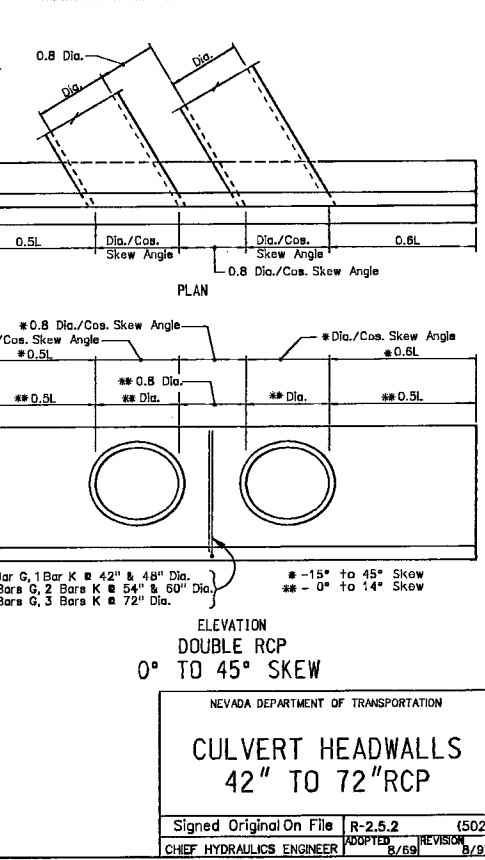
QUANTITIES SHOWN BELOW ARE FOR ONE HEADWALL.													
RCP SIZE DIA.	RCP AREA SQ. FT.	SINGLE RCP				DOUBLE RCP				X	Y	L	h
		0° SKEW	15° SKEW	30° SKEW	45° SKEW	0° SKEW	15° SKEW	30° SKEW	45° SKEW				
42"	9.62	6.10	5.71	5.66	5.64	6.27	6.38	6.66	6.18	6.92	8.80	7.48	9.15
48"	12.57	7.41	6.88	6.80	6.74	8.21	8.46	8.92	8.08	9.88	10.65	8.88	11.07
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NEVADA DEPARTMENT OF TRANSPORTATION
TYPE 2 AND 2A DROP INLET
Signed Original On File R-4.2.1 (509)
CHIEF HYDRAULICS ENGINEER ADOPTED 11/70 REVISION 11/05
SCALE: NTS

- GENERAL NOTES:**
- CONCRETE SHALL BE CLASS A OR AA.
 - REINFORCING STEEL SHALL BE DEFORMED BARS WITH MAXIMUM SPACING OF 18" SET 2 1/4" CLEAR OF SURFACE OF CONCRETE EXCEPT AS NOTED. BAR ENDS SHALL BE KEPT 1 1/2" CLEAR OF SURFACE OF CONCRETE. REINFORCING BARS MAY BE CUT AND BENT IN FIELD.
 - FOOTINGS SHOWN ARE OF MINIMUM DEPTH AND SHALL BE EXTENDED IF SOIL IS UNSUITABLE OR LIABLE TO SCOUR.
 - CULVERT PIPES TO BE SET ON A SKEW SHALL BE MITERED WHEN HEADWALLS ARE CONSTRUCTED. WHEN HEADWALLS ARE NOT CONSTRUCTED THE PIPES SHALL NOT BE MITERED EXCEPT IN OVERFLOW SECTION.
 - FOR ESTIMATING HEADWALL QUANTITIES ON SKEWED CULVERTS:
0° to 10° - USE QUANTITIES FOR 0° SKEW.
11° to 25° - USE QUANTITIES FOR 15° SKEW.
26° to 40° - USE QUANTITIES FOR 30° SKEW.
41° to 55° - USE QUANTITIES FOR 45° SKEW.
OVER 55° - CALCULATE QUANTITIES REQUIRED.
 - CULVERTS SHOULD BE INSTALLED ON 1" INCREMENTS WHERE IT IS FEASIBLE. VARIATIONS IN WALL THICKNESS DUE TO CLASS OF PIPE USED.

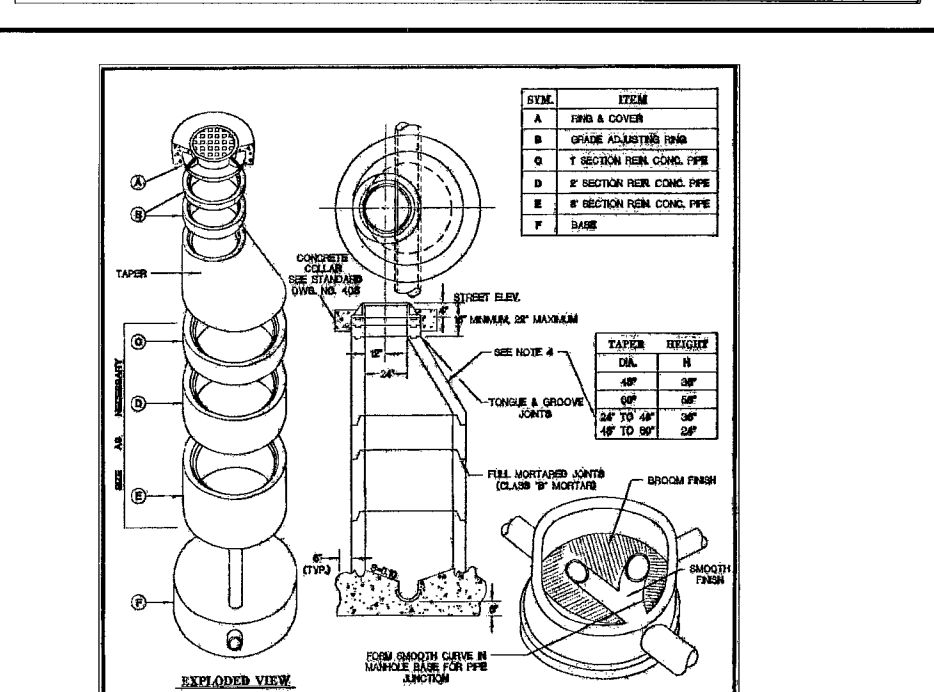


QUANTITIES SHOWN BELOW ARE FOR TWO HEADWALLS.													
RCP SIZE DIA.	RCP AREA SQ. FT.	SINGLE RCP				DOUBLE RCP				X	Y	L	h
		0° SKEW	15° SKEW	30° SKEW	45° SKEW	0° SKEW	15° SKEW	30° SKEW	45° SKEW				
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72"	28.27	15.62	16.25	16.06	15.92	17.30	17.85	18.32	17.85	20.67	22.49	21.64	23.36

NEVADA DEPARTMENT OF TRANSPORTATION
TYPE 2A DROP INLET
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JPL ENGINEERING INC.
5056 W. POST ROAD LAS VEGAS, NV 89118
PHONE (702) 898-8663 FAX (702) 650-6260

LOWE'S
STORM DRAIN DETAILS I
LOWE'S OF CAROLINE'S COURT
LAS VEGAS, NEVADA

ENGINEER'S SEAL
JAMES P. LOPEZ
Exp. 12-31-08
CIVIL
No. 14575
12/18/09

CD-3.0