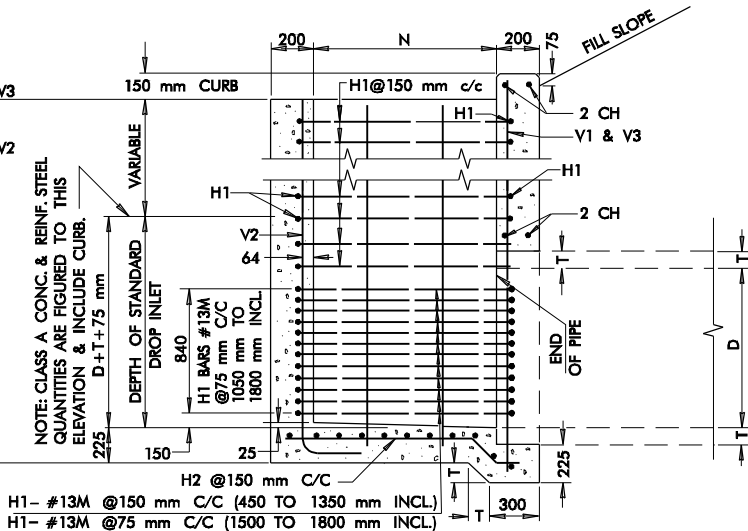
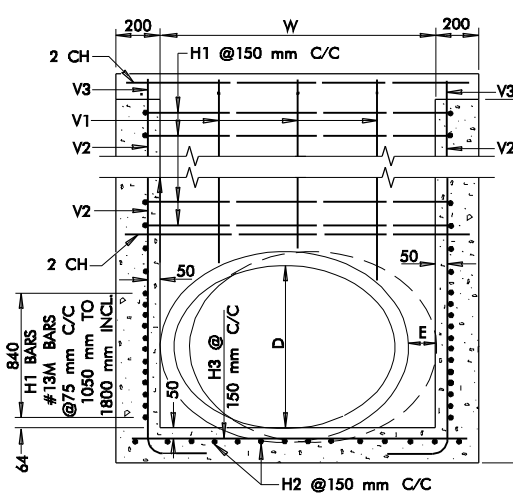
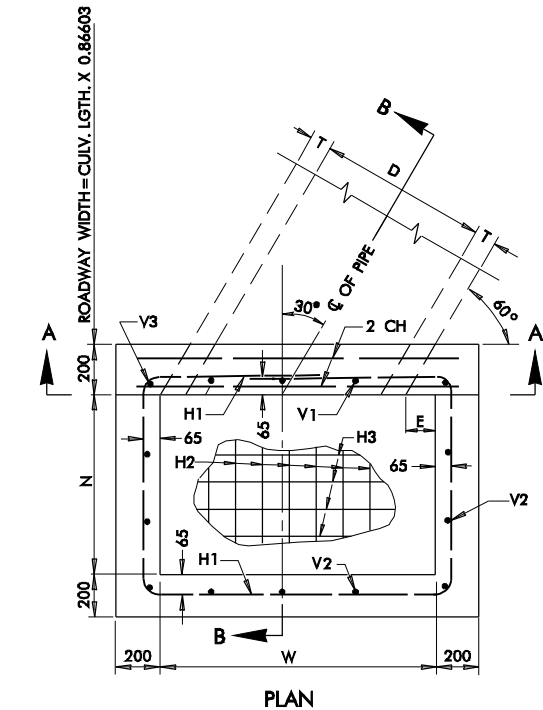
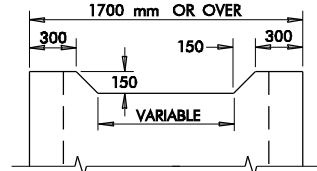
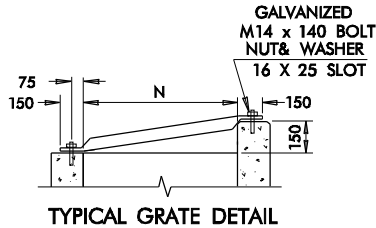




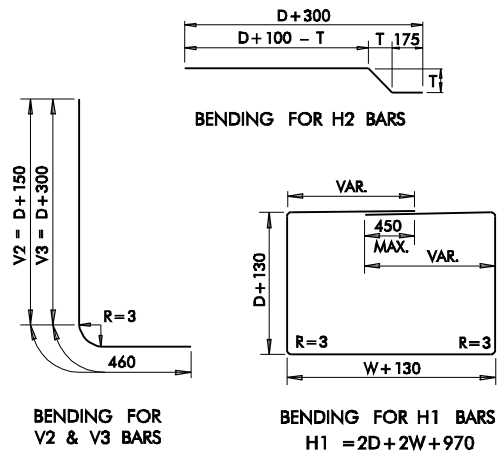
DIMENSIONS																
DESIGN NO.	1	2	3	4	5	6	7	8	9	10						
D & N	450	600	750	900	1050	1200	1350	1500	1650	1800						
AREA SQ. METER	.159	.283	.442	.636	.866	1.131	1.431	1.767	2.138	2.545						
T (mm)	64	76	89	102	114	127	140	152	165	175						
E (mm)	115	115	115	115	115	115	115	115	115	115						
W (mm)	785	980	1190	1385	1595	1790	2000	2195	2400	2600						
REINFORCING STEEL																
DESCRIPTION	NO.	LGTH.	NO.	LGTH.	NO.	LGTH.	NO.	LGTH.	NO.	LGTH.	NO.	LGTH.	NO.	LGTH.	NO.	LGTH.
CH-STR. #13M BAR	4	1060	4	1255	4	1465	4	1660	4	1870	4	2065	4	2275	4	2475
H1-BENT #13M BAR	5	3400	6	4100	7	4800	8	5500	14	6200	15	6900	16	7600	17	8350
H2-BENT #13M BAR @ 150 mm C/C	7	750	8	900	9	1050	10	1200	11	1350	12	1500	13	1650	14	1800
H3-STR. #13M BAR @ 150 mm C/C	7	985	8	1180	9	1390	10	1585	11	1795	12	1990	13	2200	14	2400
V1-STR. #13M BAR	2	290	3	325	4	365	4	400	5	440	5	475	6	515	6	550
V2-BENT #13M BAR	5	1050	5	1200	5	1350	6	1500	8	1650	9	1800	10	1950	12	2100
V3-BENT #13M BAR	2	1200	2	1350	2	1500	2	1650	2	1800	2	1950	2	2100	2	2250
QUANTITIES																
CLASS A CONCRETE , CUBIC METERS																
STANDARD DROP INLETS	0.61	0.88	1.20	1.58	2.00	2.47	3.00	3.58	4.21	4.88						
PER METER OF ADD'L DEPTH	0.65	0.79	0.93	1.08	1.22	1.36	1.5	1.64	1.78	1.92						
REINFORCING STEEL , KILOGRAMS																
STANDARD DROP INLETS	41.9	56.4	73.1	92.8	148.9	177.2	208.7	245.5	279.6	317.9						
PER METER OF ADD'L DEPTH	28.2	37.0	42.6	48.9	59.6	63.0	75.3	85.3	94.6	103.4						



BUILD NOTCH AS SHOWN ON ALL DROP INLETS WHERE DIMENSION "W" IS 1.20 m OR MORE. NOTCHES TO BE PLACED IN THE LINE OF FLOW AS DIRECTED BY THE ENGINEER.

GENERAL NOTES

- ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 1999 METRIC STANDARD SPECIFICATIONS.
- ALL EXPOSED CONCRETE EDGES SHALL HAVE A 20 mm CHAMFER.
- TOTAL QUANTITIES AS SHOWN IN TABLE ARE COMPUTED TO TOP OF THE PIPE PLUS 75 mm AND INCLUDES CURB. FOR DROP INLETS OF GREATER DEPTH, MULTIPLY THE FIGURE IN THE PER METER COLUMN BY THE DIFFERENCE IN HEIGHT FROM TOP OF PIPE PLUS 75 mm TO TOP OF DROP INLET AND ADD THE RESULT TO THE STANDARD DROP INLET QUANTITY.
- MAXIMUM DEPTH OF DROP INLETS FOR 1050 mm TO 1800 mm R.C.P. SHALL BE AS FOLLOWS:
 - 1050 mm RCP - 6.7 m
 - 1200 mm RCP - 5.5 m
 - 1350 mm RCP - 4.9 m
 - 1500 mm RCP - 4.3 m
 - 1650 mm RCP - 3.7 m
 - 1800 mm RCP - 3.4 m
- UNLESS OTHERWISE SPECIFIED, ALL EXPOSED CONCRETE SURFACES SHALL HAVE A FINISH IN ACCORDANCE WITH 1999 METRIC STANDARD SPECIFICATIONS.
- INLET TOP OPENING SHALL HAVE 75 mm x 3.43 kg STD. WEIGHT STEEL PIPE, GALVANIZED, SCHEDULE 40, PIPE SAFETY GRATES INSTALLED PERPENDICULAR TO THE DIRECTION OF TRAFFIC AT 300 mm (MAXIMUM) CENTERS WITH THE COST OF PIPE SAFETY GRATES & ALL HARDWARE NEEDED FOR INSTALLATION TO BE INCLUDED IN THE PRICE BID FOR THE INLET.
- PIPE GRATE ENDS SHALL BE HELD DOWN WITH M14 x 140 mm GALV. BOLT, WASHER & NUT MEETING THE REQUIREMENTS OF ASTM-A-325M. BOLT THREADS, 45 mm, SHALL REMAIN EXPOSED FOR INSTALLING GRATE.
- BAR BENDING DIAGRAMS AND DIMENSIONS, AS SHOWN THIS SHEET, ARE FOR STANDARD DEPTH DROP INLETS.
- ALL REINFORCING STEEL SHALL BE #13M.



BAR BENDING DIAGRAMS

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
611.06(E)	INLET	EACH
611.06(F)	ADDITIONAL DEPTH IN INLET	METER

INLET TYPE AND DESIGN NUMBER SHALL BE SPECIFIED.

APPROVED BY ROADWAY ENGINEER		DATE	
OKLAHOMA DEPT. OF TRANSPORTATION ROADWAY STANDARD (METRIC) REINFORCED CONCRETE DROP INLETS FOR 450 mm TO 1800 mm REINF. CONCRETE PIPES			
1999 SPECIFICATIONS	(30° SKEW)	CD16-1	00M
ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED.			R-70M