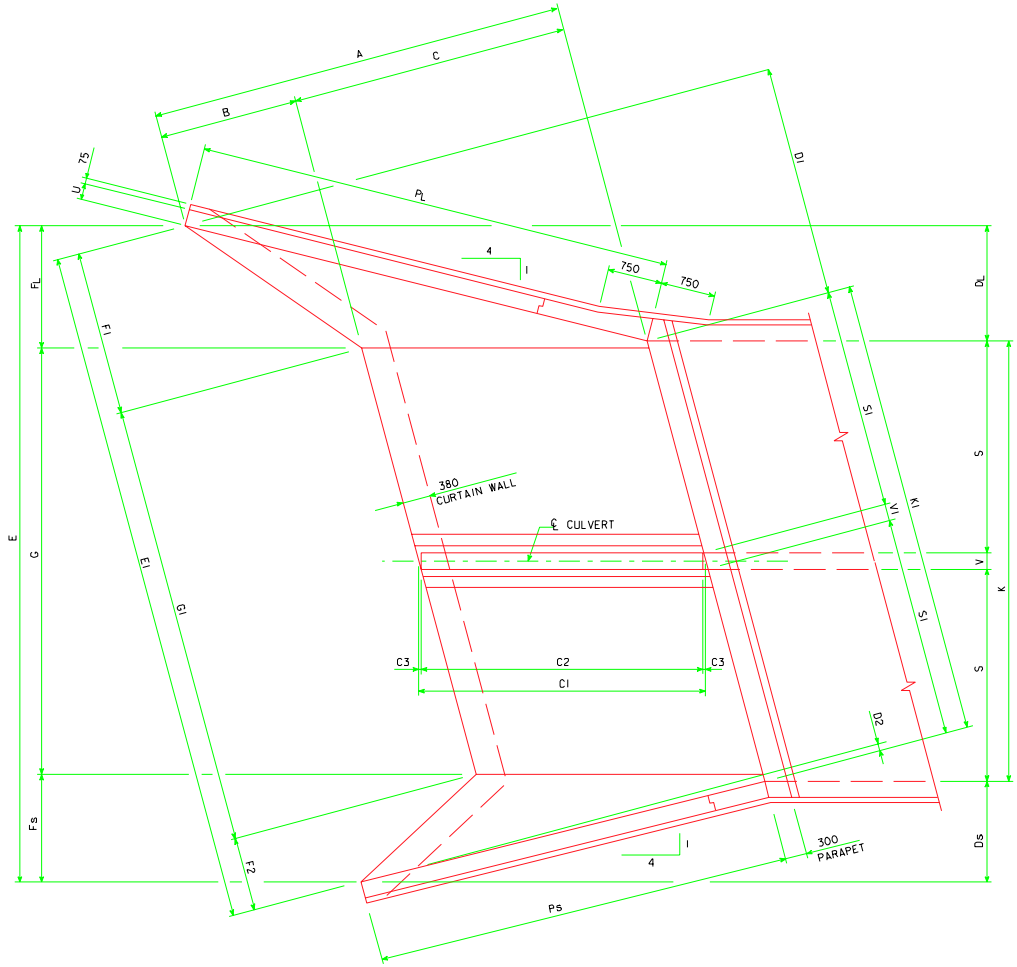

PLAN VIEW

DIMENSION TABLE

S x H	3600 x 3600	3600 x 3000	3600 x 2400	3600 x 1800	3000 x 3600	3000 x 3000	3000 x 2400	3000 x 1800	2400 x 3000	2400 x 2400	2400 x 1800	S x H
A	11 100	9300	7500	5700	11 100	9300	7500	5700	9300	7500	5700	A
B	3700	3100	2500	1900	3700	3100	2500	1900	3100	2500	1900	B
C	7400	6200	5000	3800	7400	6200	5000	3800	6200	5000	3800	C
C1	7661	6419	5176	3934	7661	6419	5176	3934	6419	5176	3934	C1
C2	7579	6350	5108	3872	7579	6350	5108	3872	6350	5108	3872	C2
C3	41	34	34	31	41	34	34	31	34	34	31	C3
DL	3079	2580	2081	1581	3079	2580	2081	1581	2580	2081	1581	DL
DS	2693	2256	1819	1383	2693	2256	1819	1383	2256	1819	1383	DS
D1	6162	5163	4164	3164	6162	5163	4164	3164	5163	4164	3164	D1
D2	187	156	126	96	187	156	126	96	156	126	96	D2
E	13 277	12 291	11 355	10 394	12 077	11 091	10 155	9194	9891	8955	7994	E
E1	13 745	12 724	11 755	10 760	12 503	11 482	10 513	9518	10 240	9271	8276	E1
FL	3179	2680	2181	1681	3179	2680	2181	1681	2680	2181	1681	FL
FS	2793	2356	1919	1483	2793	2356	1919	1483	2356	1919	1483	FS
F1	4283	3605	2927	2250	4283	3605	2927	2250	3605	2927	2250	F1
F2	1900	1608	1317	1026	1900	1608	1317	1026	1608	1317	1026	F2
G	7805	7255	7255	7230	6105	6055	6055	6030	4855	4855	4830	G
G1	7563	7511	7511	7485	6320	6269	6269	6243	5026	5026	5000	G1
G2	7936	7883	7880	7851	6694	6641	6638	6608	5398	5396	5366	G2
G3	5660	4755	3850	2945	5660	4755	3850	2945	4755	3850	2945	G3
G4	5869	4819	3915	2942	5859	4819	3915	2942	4819	3915	2942	G4
G5	4159	3492	2826	2159	4159	3492	2826	2159	3492	2826	2159	G5
G6	4486	3714	3048	2332	4486	3714	3048	2332	3714	3048	2332	G6
G7	68	203	203	267	68	203	203	267	203	203	267	G7
G8	95	189	189	233	95	189	189	233	189	189	233	G8
K	7505	7455	7455	7430	6305	6255	6255	6230	5055	5055	5030	K
K1	7770	7718	7718	7692	6527	6476	6476	6450	5233	5233	5207	K1
PL	12 696	10 637	8578	6519	12 696	10 637	8578	6519	10 637	8578	6519	PL
PS	11 102	9301	7501	5701	11 102	9301	7501	5701	9301	7501	5701	PS
RL	13 224	11 079	8935	6791	13 224	11 079	8935	6791	11 079	8935	6791	RL
RS	11 702	9804	7907	6009	11 702	9804	7907	6009	9804	7907	6009	RS
R1	8267	6901	5523	4153	8267	6901	5523	4153	6901	5523	4153	R1
S1	3727	3727	3727	3727	3106	3106	3106	3106	2485	2485	2485	S1
T	355	355	355	355	330	330	330	330	280	280	280	T
U	305	255	255	230	305	255	255	230	255	255	230	U
V	305	255	255	230	305	255	255	230	255	255	230	V
V1	316	264	264	238	316	264	264	238	264	264	238	V1
W	1500	1350	1200	1050	1500	1350	1200	1050	1350	1200	1050	W

NOTES:

1. SEE SHEET MTWRCB-G1-95 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
2. SEE SHEETS MTWH 15-3-95 THRU 15-4-95 FOR LOCATION OF CERTAIN DIMENSIONS TABULATED.
3. SEE SHEET MTWH 15-5-95 FOR HEADWALL NOTES.

LATEST REVISION DATE :

APPROVED BY : William A. Knudsen

STANDARD DESIGN

FLARED WING HEADWALLS

FOR

TWIN REINFORCED CONCRETE BOX CULVERTS

PROJECT DEVELOPMENT DIVISION
IOWA DEPARTMENT OF TRANSPORTATION

JULY, 1995

MTWH 15-1-95

TWH15IM.SOI

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