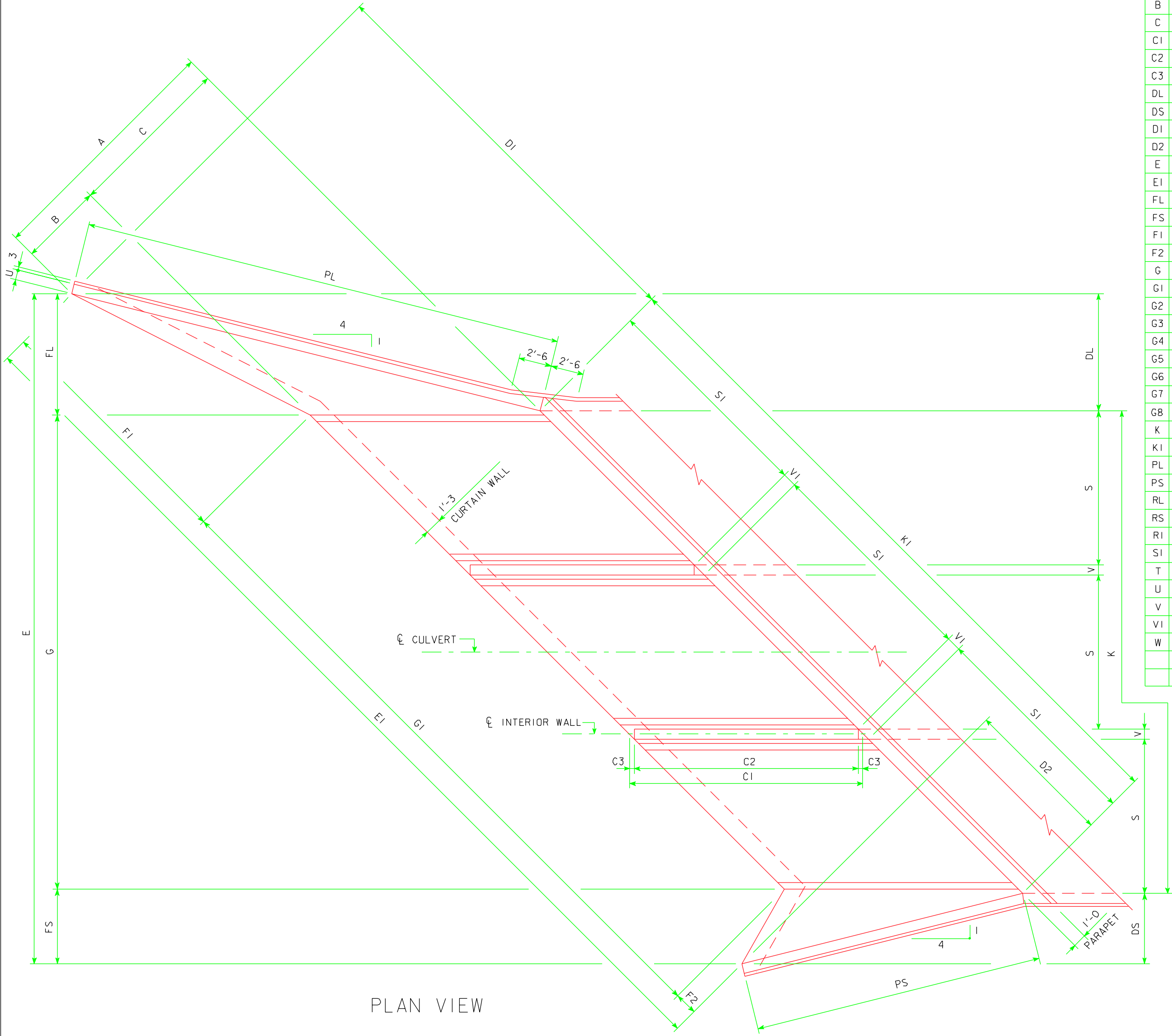
DIMENSIONS TABLE

SxH	12' x 12'	12' x 10'	12' x 8'	12' x 6'	10' x 12'	10' x 10'	10' x 8'	10' x 6'	SxH
A	37'-0	31'-0	25'-0	19'-0	37'-0	31'-0	25'-0	19'-0	A
B	12'-4	10'-4	8'-4	6'-4	12'-4	10'-4	8'-4	6'-4	B
C	24'-8	20'-8	16'-8	12'-8	24'-8	20'-8	16'-8	12'-8	C
C1	34'-10 5/8	29'-2 3/4	23'-6 7/8	17'-11	34'-10 5/8	29'-2 3/4	23'-6 7/8	17'-11	C1
C2	33'-10 5/8	28'-4 3/4	22'-8 7/8	17'-2	33'-10 5/8	28'-4 3/4	22'-8 7/8	17'-2	C2
C3	0'-6	0'-5	0'-5	0'-4 1/2	0'-6	0'-5	0'-5	0'-4 1/2	C3
DL	17'-5 1/4	14'-7 3/8	11'-9 3/8	8'-11 1/2	17'-5 1/4	14'-7 3/8	11'-9 3/8	8'-11 1/2	DL
DS	10'-5 5/8	8'-9 1/4	7'-0 7/8	5'-4 1/2	10'-5 5/8	8'-9 1/4	7'-0 7/8	5'-4 1/2	DS
D1	61'-8	51'-8	41'-8	31'-8	61'-8	51'-8	41'-8	31'-8	D1
D2	22'-2 3/8	18'-7 1/4	15'-0	11'-4 3/4	22'-2 3/8	18'-7 1/4	15'-0	11'-4 3/4	D2
E	65'-10 7/8	61'-0 5/8	56'-6 1/4	51'-10	59'-10 7/8	55'-0 5/8	50'-6 1/4	45'-10	E
E1	93'-2 3/8	86'-4	79'-11 1/8	73'-3 5/8	84'-8 5/8	77'-10 1/4	71'-5 3/8	64'-9 3/4	E1
FL	17'-9 1/4	14'-11 3/8	12'-1 3/8	9'-3 1/2	17'-9 1/4	14'-11 3/8	12'-1 3/8	9'-3 1/2	FL
FS	10'-9 5/8	9'-1 1/4	7'-4 7/8	5'-8 1/2	10'-9 5/8	9'-1 1/4	7'-4 7/8	5'-8 1/2	FS
F1	37'-5 5/8	31'-5 5/8	25'-5 5/8	19'-5 5/8	37'-5 5/8	31'-5 5/8	25'-5 5/8	19'-5 5/8	F1
F2	2'-11 1/4	2'-6 1/2	2'-1 5/8	1'-8 7/8	2'-11 1/4	2'-6 1/2	2'-1 5/8	1'-8 7/8	F2
G	37'-4	37'-0	37'-0	36'-10	31'-4	31'-0	31'-0	30'-10	G
G1	52'-9 1/2	52'-3 7/8	52'-3 7/8	52'-1 1/8	44'-3 3/4	43'-10 1/8	43'-10 1/8	43'-7 1/4	G1
G2	53'-11 7/8	53'-6 1/8	53'-5 7/8	53'-2 7/8	45'-6	45'-0 1/4	45'-0 1/8	44'-9 1/8	G2
G3	39'-5 3/8	33'-1 1/2	26'-9 5/8	20'-5 3/4	39'-5 3/8	33'-1 1/2	26'-9 5/8	20'-5 3/4	G3
G4	39'-9 1/2	32'-8 1/2	26'-4 3/4	19'-8 3/8	39'-9 1/2	32'-8 1/2	26'-4 3/4	19'-8 3/8	G4
G5	12'-8 1/8	10'-7 3/4	8'-7 1/4	6'-6 3/4	12'-8 1/8	10'-7 3/4	8'-7 1/4	6'-6 3/4	G5
G6	14'-2 1/8	11'-10 3/4	9'-10 3/8	7'-8 1/2	14'-2 1/8	11'-10 3/4	9'-10 3/8	7'-8 1/2	G6
G7	0'-1 5/8	0'-10 1/2	0'-10 1/2	1'-2 3/4	0'-1 5/8	0'-10 1/2	0'-10 1/2	1'-2 3/4	G7
G8	0'-6 1/8	0'-8 1/4	0'-8 1/4	0'-9 1/4	0'-6 1/8	0'-8 1/4	0'-8 1/4	0'-9 1/4	G8
K	38'-0	37'-8	37'-8	37'-6	32'-0	31'-8	31'-8	31'-6	K
K1	53'-8 7/8	53'-3 1/4	53'-3 1/4	53'-0 3/8	45'-3	44'-9 3/8	44'-9 3/8	44'-6 1/2	K1
PL	71'-11	60'-3	48'-7 1/8	36'-11 1/8	71'-11	60'-3	48'-7 1/8	36'-11 1/8	PL
PS	43'-1 3/4	36'-1 7/8	29'-1 7/8	22'-1 7/8	43'-1 3/4	36'-1 7/8	29'-1 7/8	22'-1 7/8	PS
RL	72'-11 5/8	61'-1 5/8	49'-3 5/8	37'-5 5/8	72'-11 5/8	61'-1 5/8	49'-3 5/8	37'-5 5/8	RL
RS	44'-10 1/2	37'-7 1/4	30'-3 7/8	23'-0 1/2	44'-10 1/2	37'-7 1/4	30'-3 7/8	23'-0 1/2	RS
R1	35'-7 1/2	29'-9 3/8	23'-9 1/2	17'-10 1/2	35'-7 1/2	29'-9 3/8	23'-9 1/2	17'-10 1/2	R1
S1	16'-11 5/8	16'-11 5/8	16'-11 5/8	16'-11 5/8	14'-1 3/4	14'-1 3/4	14'-1 3/4	14'-1 3/4	S1
T	1'-2	1'-2	1'-2	1'-2	1'-1	1'-1	1'-1	1'-1	T
U	1'-0	0'-10	0'-10	0'-9	1'-0	0'-10	0'-10	0'-9	U
V	1'-0	0'-10	0'-10	0'-9	1'-0	0'-10	0'-10	0'-9	V
V1	1'-5	1'-2 1/8	1'-2 1/8	1'-0 3/4	1'-5	1'-2 1/8	1'-2 1/8	1'-0 3/4	V1
W	5'-0	4'-6	4'-0	3'-6	5'-0	4'-6	4'-0	3'-6	W



PLAN VIEW

HEADWALL NOTES:

1. SEE SHEET TRRCB-G1-01 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.
2. SEE SHEETS TRH 45-2-01 THRU TRH 45-5-01 FOR LOCATION OF CERTAIN DIMENSIONS TABULATED.
3. SEE SHEET TRH 45-6-01 FOR HEADWALL NOTES.

LATEST REVISION DATE :

APPROVED BY :

STANDARD DESIGN

FLARED WING HEADWALLS

FOR

TRIPLE REINFORCED CONCRETE BOX CULVERTS

IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION

SEPT., 2001

TRH 45-1-01

TRH451.S01 - 09-01 THIS SHEET ISSUED.

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