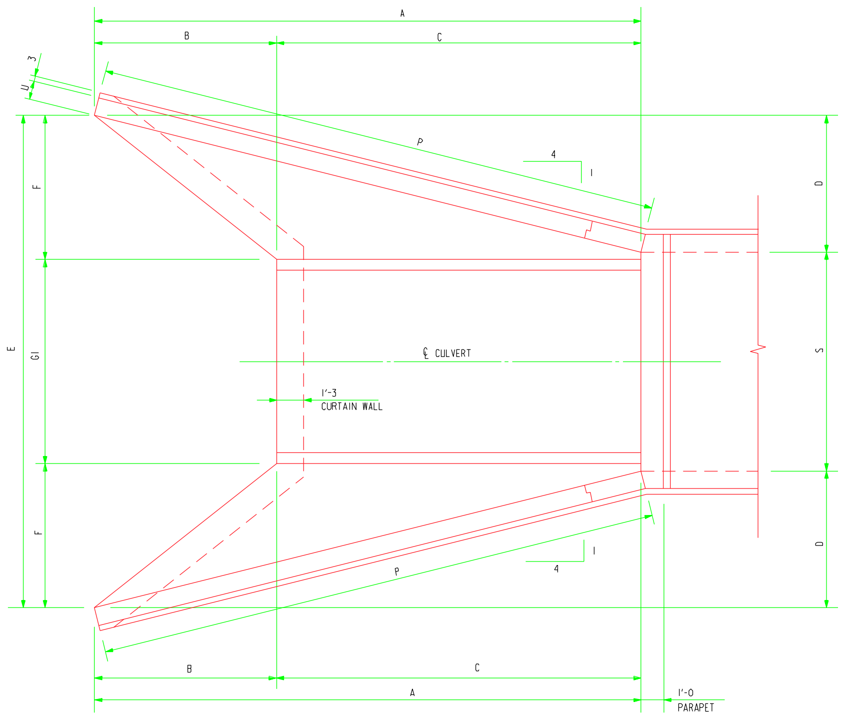
DIMENSION TABLE

S X H	12' X 12'	12' X 10'	12' X 8'	12' X 6'	10' X 12'	10' X 10'	10' X 8'	10' X 6'	10' X 5'	10' X 4'	8' X 10'	8' X 8'	S X H
A	37'-0	31'-0	25'-0	19'-0	37'-0	31'-0	25'-0	19'-0	16'-0	13'-0	31'-0	25'-0	A
B	12'-4	10'-4	8'-4	6'-4	12'-4	10'-4	8'-4	6'-4	5'-4	4'-4	10'-4	8'-4	B
C	24'-8	20'-8	16'-8	12'-8	24'-8	20'-8	16'-8	12'-8	10'-8	8'-8	20'-8	16'-8	C
D	9'-3	7'-9	6'-3	4'-9	9'-3	7'-9	6'-3	4'-9	4'-0	3'-3	7'-9	6'-3	D
E	30'-6	27'-6	24'-6	21'-6	28'-6	25'-6	22'-6	19'-6	18'-0	16'-6	23'-6	20'-6	E
F	9'-7	8'-1	6'-7	5'-1	9'-7	8'-1	6'-7	5'-1	4'-4	3'-7	8'-1	6'-7	F
G1	11'-4	11'-4	11'-4	11'-4	9'-4	9'-4	9'-4	9'-4	9'-4	9'-4	7'-4	7'-4	G1
G2	12'-6 5/8	12'-6 5/8	12'-6 1/2	12'-6 3/8	10'-6 5/8	10'-6 5/8	10'-6 1/2	10'-6 3/8	10'-6 1/4	10'-6 1/8	8'-6 5/8	8'-6 1/2	G2
G3	15'-7 3/8	13'-1 3/8	10'-7 1/2	8'-1 1/2	15'-7 3/8	13'-1 3/8	10'-7 1/2	8'-1 1/2	6'-10 1/2	5'-7 1/2	13'-1 3/8	10'-7 1/2	G3
G4	16'-5 7/8	13'-7	11'-1	8'-4 3/4	16'-5 7/8	13'-7	11'-1	8'-4 3/4	7'-1 7/8	5'-11	13'-7	11'-1	G4
G5	3 1/8"	7 5/8"	7 5/8"	9 3/4"	3 1/8"	7 5/8"	7 5/8"	9 3/4"	9 3/4"	9 5/8"	7 5/8"	7 5/8"	G5
P	38'-1 5/8	31'-11 1/2	25'-9 1/4	19'-7	38'-1 5/8	31'-11 1/2	25'-9 1/4	19'-7	16'-5 7/8	13'-4 3/4	31'-11 1/2	25'-9 1/4	P
R	40'-1	33'-7	27'-1	20'-7	40'-1	33'-7	27'-1	20'-7	17'-4	14'-1	33'-7	27'-1	R
T	1'-2	1'-2	1'-2	1'-2	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	11"	11"	T
U	12"	10"	10"	9"	12"	10"	10"	9"	9"	9"	10"	10"	U
W	5'-0	4'-6	4'-0	3'-6	5'-0	4'-6	4'-0	3'-6	3'-6	3'-6	4'-6	4'-0	W

S X H	8' X 6'	8' X 5'	8' X 4'	6' X 8'	6' X 6'	6' X 5'	6' X 4'	6' X 3'	5' X 6'	5' X 5'	5' X 4'	5' X 3'	S X H
A	19'-0	16'-0	13'-0	25'-0	19'-0	16'-0	13'-0	10'-0	19'-0	16'-0	13'-0	10'-0	A
B	6'-4	5'-4	4'-4	8'-4	6'-4	5'-4	4'-4	3'-4	6'-4	5'-4	4'-4	3'-4	B
C	12'-8	10'-8	8'-8	16'-8	12'-8	10'-8	8'-8	6'-8	12'-8	10'-8	8'-8	6'-8	C
D	4'-9	4'-0	3'-3	6'-3	4'-9	4'-0	3'-3	2'-6	4'-9	4'-0	3'-3	2'-6	D
E	17'-6	16'-0	14'-6	18'-6	15'-6	14'-0	12'-6	11'-0	14'-6	13'-0	11'-6	10'-0	E
F	5'-1	4'-4	3'-7	6'-7	5'-1	4'-4	3'-7	2'-10	5'-1	4'-4	3'-7	2'-10	F
G1	7'-4	7'-4	7'-4	5'-4	5'-4	5'-4	5'-4	5'-4	4'-4	4'-4	4'-4	4'-4	G1
G2	8'-6 3/8	8'-6 1/4	8'-6 1/8	6'-6 1/2	6'-6 3/8	6'-6 1/4	6'-6 1/8	6'-5 7/8	5'-6 3/8	5'-6 1/4	5'-6 1/8	5'-5 7/8	G2
G3	8'-1 1/2	6'-10 1/2	5'-7 1/2	10'-7 1/2	8'-1 1/2	6'-10 1/2	5'-7 1/2	4'-4 1/2	8'-1 1/2	6'-10 1/2	5'-7 1/2	4'-4 1/2	G3
G4	8'-4 3/4	7'-1 7/8	5'-11	11'-1	8'-4 3/4	7'-1 7/8	5'-11	4'-8 1/8	8'-4 3/4	7'-1 7/8	5'-11	4'-8 1/8	G4
G5	9 3/4"	9 3/4"	9 5/8"	7 5/8"	9 3/4"	9 3/4"	9 5/8"	9 5/8"	9 3/4"	9 3/4"	9 5/8"	9 5/8"	G5
P	19'-7	16'-5 7/8	13'-4 3/4	25'-9 1/4	19'-7	16'-5 7/8	13'-4 3/4	10'-3 3/4	19'-7	16'-5 7/8	13'-4 3/4	10'-3 3/4	P
R	20'-7	17'-4	14'-1	27'-1	20'-7	17'-4	14'-1	10'-10	20'-7	17'-4	14'-1	10'-10	R
T	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	11"	T
U	9"	9"	9"	10"	9"	9"	9"	9"	9"	9"	9"	9"	U
W	3'-6	3'-6	3'-6	4'-0	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	W

S X H	4' X 4'	3' X 3'
A	13'-0	10'-0
B	4'-4	3'-4
C	8'-8	6'-8
D	3'-3	2'-6
E	10'-6	8'-0
F	3'-7	2'-10
G1	3'-4	2'-4
G2	4'-6 1/8	3'-5 7/8
G3	5'-7 1/2	4'-4 1/2
G4	5'-11	4'-8 1/8
G5	9 5/8"	9 5/8"
P	13'-4 3/4	10'-3 3/4
R	14'-1	10'-10
T	11"	11"
U	9"	9"
W	3'-6	3'-6



PLAN VIEW

NOTES:

1. SEE DRAWING RCB-G1-87 FOR GENERAL INFORMATION, SPECIFICATIONS, AND DESIGN STRESSES.

LATEST REVISION DATE : 8-1-89

APPROVED BY : William A. Lundquist

STANDARD DESIGN

FLARED WING HEADWALLS

FOR

REINFORCED CONCRETE BOX CULVERTS

HIGHWAY DIVISION

IOWA DEPARTMENT OF TRANSPORTATION

MAY , 1987

FWH 0-3-87

FWH03.S01 -REVISED : 8/89 ; DIMENSIONS FOR 4'x4' & 3'x3' ADDED.

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