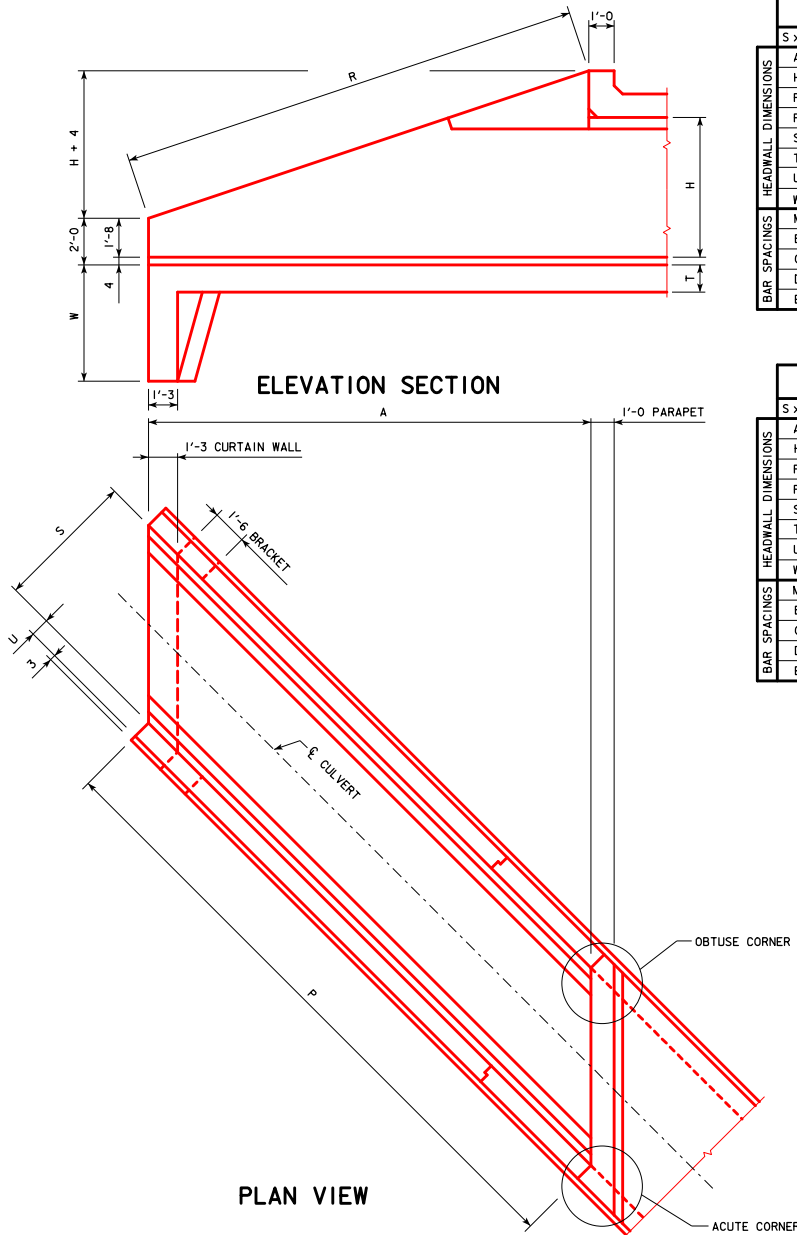


REVISED 12-2016; REMOVED NOTE STATING LOCATION FOR HEADWALL NOTES. ENGLISH REDSIGNED IN IGL/CULVERTS.DGN - PWH 45-1-12 - THIS SHEET ISSUED 04-12.



ELEVATION SECTION

PLAN VIEW

DIMENSION TABLE

S x H	12' x 12'	12' x 11'	12' x 10'	12' x 9'	12' x 8'	12' x 7'	12' x 6'	12' x 5'	12' x 4'	10' x 12'	10' x 11'	10' x 10'	10' x 9'	10' x 8'	10' x 7'	10' x 6'	10' x 5'	10' x 4'	S x H
A	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	A
H	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	H
P	52'-3 ³ / ₈	48'-1	43'-10 ¹ / ₂	39'-7 ³ / ₈	35'-4 ³ / ₈	31'-1 ³ / ₈	26'-10 ¹ / ₂	22'-7 ³ / ₈	18'-4 ³ / ₈	52'-3 ³ / ₈	48'-1	43'-10 ¹ / ₂	39'-7 ³ / ₈	35'-4 ³ / ₈	31'-1 ³ / ₈	26'-10 ¹ / ₂	22'-7 ³ / ₈	18'-4 ³ / ₈	P
R	53'-9 ³ / ₈	49'-4 ³ / ₈	45'-0 ³ / ₈	40'-8 ¹ / ₂	36'-3 ³ / ₈	31'-11 ³ / ₈	27'-7 ³ / ₈	23'-3	18'-10 ¹ / ₂	53'-9 ³ / ₈	49'-4 ³ / ₈	45'-0 ³ / ₈	40'-8 ¹ / ₂	36'-3 ³ / ₈	31'-11 ³ / ₈	27'-7 ³ / ₈	23'-3	18'-10 ¹ / ₂	R
S	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	S
T	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	T
U	1'-0	1'-0	10	10	10	9	9	9	9	1'-0	1'-0	10	10	10	9	9	9	9	U
W	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	W
M	20'-0	18'-0	17'-0	15'-0	13'-0	11'-0	10'-0	8'-0	6'-0	20'-0	18'-0	17'-0	15'-0	13'-0	11'-0	10'-0	8'-0	6'-0	M
B	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	B
C	9	9	9	9	9	9	9	9	9	6	6	6	6	6	6	6	6	6	C
D	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	6	6	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	D
E	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	E

DIMENSION TABLE

S x H	8' x 10'	8' x 9'	8' x 8'	8' x 7'	8' x 6'	8' x 5'	8' x 4'	6' x 8'	6' x 7'	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	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	25'-0	22'-0	19'-0	16'-0	13'-0	10'-0	19'-0	16'-0	13'-0	10'-0	-	A
H	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	8'-0	7'-0	6'-0	5'-0	4'-0	3'-0	6'-0	5'-0	4'-0	3'-0	-	H
P	43'-10 ¹ / ₂	39'-7 ³ / ₈	35'-4 ³ / ₈	31'-1 ³ / ₈	26'-10 ¹ / ₂	22'-7 ³ / ₈	18'-4 ³ / ₈	35'-4 ³ / ₈	31'-1 ³ / ₈	26'-10 ¹ / ₂	22'-7 ³ / ₈	18'-4 ³ / ₈	14'-1 ³ / ₈	26'-10 ¹ / ₂	22'-7 ³ / ₈	18'-4 ³ / ₈	14'-1 ³ / ₈	-	P
R	45'-0 ³ / ₈	40'-8 ¹ / ₂	36'-3 ³ / ₈	31'-11 ³ / ₈	27'-7 ³ / ₈	23'-3	18'-10 ¹ / ₂	36'-3 ³ / ₈	31'-11 ³ / ₈	27'-7 ³ / ₈	23'-3	18'-10 ¹ / ₂	14'-6 ³ / ₈	27'-7 ³ / ₈	23'-3	18'-10 ¹ / ₂	14'-6 ³ / ₈	-	R
S	8'-0	8'-0	8'-0	8'-0	8'-0	8'-0	8'-0	6'-0	6'-0	6'-0	6'-0	6'-0	6'-0	6'-0	6'-0	6'-0	6'-0	6'-0	S
T	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	T
U	10	10	10	9	9	9	9	10	9	9	9	9	9	9	9	9	9	9	U
W	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	4'-0	3'-9	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	-	W
M	17'-0	15'-0	13'-0	11'-0	10'-0	8'-0	-	13'-0	11'-0	-	-	-	-	-	-	-	-	-	M
B	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	B
C	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	C
D	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	D
E	6	6	6	9	6	6	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	E

NOTES:

- SEE DRAWING RCB-G1-12 AND RCB-G2-12 FOR GENERAL NOTES, SPECIFICATIONS, AND DESIGN STRESSES.
- SEE DRAWING PWH 45-2-12 THRU 45-4-12 FOR LOCATION OF CERTAIN DIMENSIONS TABULATED.

12-2016 LATEST REVISION DATE <i>Thomas E. Mc Donnell</i> APPROVED BY BRIDGE ENGINEER		
	STANDARD DESIGN - SINGLE REINFORCED CONCRETE BOX CULVERTS PARALLEL WING HEADWALLS APRIL, 2012	
	DIMENSION TABLE 45° SKEW	PWH 45-1-12