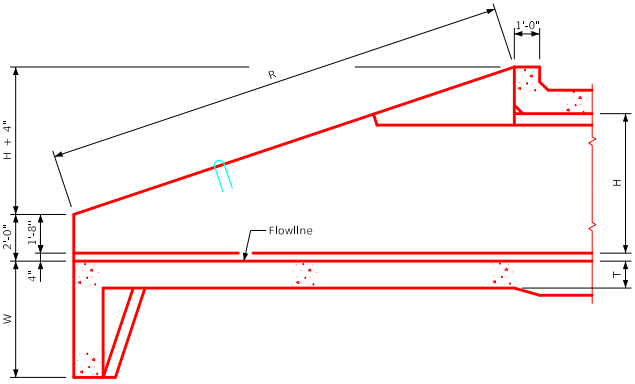
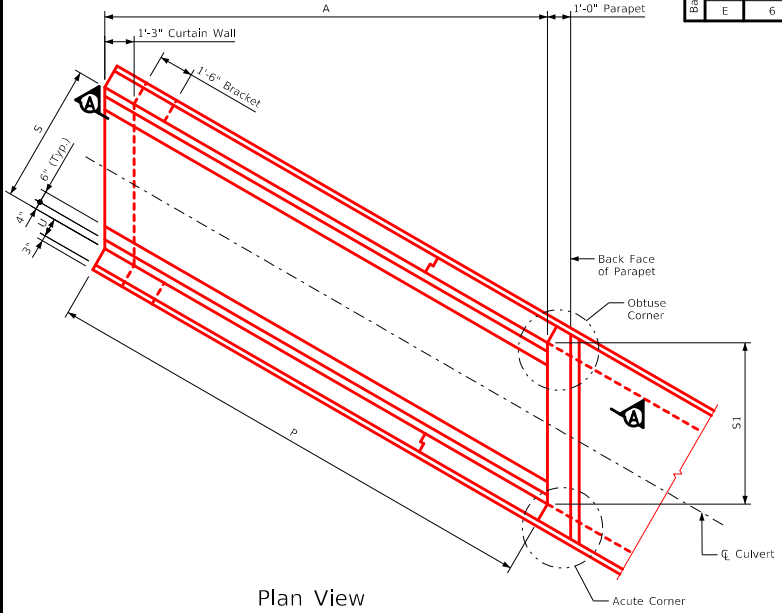


ENGLISHRFDDESIGNEDSINGLECULVERTS.DGN - PWH 30-1-20 - THIS SHEET ISSUED 07-2020.



Elevation Section A-A



Plan View

Dimension Table

S x H	16' x 14'	16' x 13'	16' x 12'	16' x 11'	16' x 10'	16' x 9'	16' x 8'	16' x 7'	16' x 6'	16' x 5'	16' x 4'	14' x 14'	14' x 13'	14' x 12'	14' x 11'	14' x 10'	14' x 9'	14' x 8'	14' x 7'	14' x 6'	S x H	
A	43'-0	40'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	43'-0	40'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	A
H	14'-0	13'-0	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	14'-0	13'-0	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	H
P	49'-7 1/2	46'-2 1/2	42'-8 1/2	39'-3 1/2	35'-9 1/2	32'-4	28'-10 1/2	25'-4 1/2	21'-11 1/2	18'-5 1/2	15'-0 1/2	49'-7 1/2	46'-2 1/2	42'-8 1/2	39'-3 1/2	35'-9 1/2	32'-4	28'-10 1/2	25'-4 1/2	21'-11 1/2	18'-5 1/2	P
R	51'-8 1/2	48'-0 1/2	44'-5 1/2	40'-10 1/2	37'-3 1/2	33'-7 1/2	30'-0 1/2	26'-5 1/2	22'-10	19'-2 1/2	15'-7 1/2	51'-8 1/2	48'-0 1/2	44'-5 1/2	40'-10 1/2	37'-3 1/2	33'-7 1/2	30'-0 1/2	26'-5 1/2	22'-10	19'-2 1/2	R
S	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	S
S1	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	S1
T	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	T
U	1'-1	1'-1	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-1	1'-1	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	U
W	5'-6	5'-3	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	5'-6	5'-3	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	W
B	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	B
C	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	9	9	C
D	6	6	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	6	6	6	9	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	6	6	6	E



Dimension Table

S x H	14' x 5'	14' x 4'	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	16'-0	13'-0	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	16'-0	A
H	5'-0	4'-0	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	5'-0	H
P	18'-5 1/2	15'-0 1/2	42'-8 1/2	39'-3 1/2	35'-9 1/2	32'-4	28'-10 1/2	25'-4 1/2	21'-11 1/2	18'-5 1/2	15'-0 1/2	42'-8 1/2	39'-3 1/2	35'-9 1/2	32'-4	28'-10 1/2	25'-4 1/2	21'-11 1/2	18'-5 1/2	15'-0 1/2	18'-5 1/2	P
R	19'-2 1/2	15'-7 1/2	44'-5 1/2	40'-10 1/2	37'-3 1/2	33'-7 1/2	30'-0 1/2	26'-5 1/2	22'-10	19'-2 1/2	15'-7 1/2	44'-5 1/2	40'-10 1/2	37'-3 1/2	33'-7 1/2	30'-0 1/2	26'-5 1/2	22'-10	19'-2 1/2	15'-7 1/2	19'-2 1/2	R
S	14'-0	14'-0	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	10'-0	S
S1	16'-2	16'-2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	11'-6	11'-6	11'-6	11'-6	11'-6	11'-6	11'-6	11'-6	11'-6	11'-6	S1
T	1'-3	1'-3	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	1'-1	T
U	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	U
W	3'-6	3'-6	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	3'-6	W
B	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	B
C	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	9	1'-0	1'-0	C
D	1'-0	1'-0	6	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	6	6	6	6	1'-0	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	9	9	9	9	9	9	9	9	9	9	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	31'-0
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	10'-0
P	35'-9 1/2	32'-4	28'-10 1/2	25'-4 1/2	21'-11 1/2	18'-5 1/2	15'-0 1/2	28'-10 1/2	25'-4 1/2	21'-11 1/2	18'-5 1/2	15'-0 1/2	11'-6	21'-11 1/2	18'-5 1/2	15'-0 1/2	11'-6	35'-9 1/2
R	37'-3 1/2	33'-7 1/2	30'-0 1/2	26'-5 1/2	22'-10	19'-2 1/2	15'-7 1/2	30'-0 1/2	26'-5 1/2	22'-10	19'-2 1/2	15'-7 1/2	12'-0 1/2	22'-10	19'-2 1/2	15'-7 1/2	12'-0 1/2	37'-3 1/2
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	5'-0	5'-0	5'-0	5'-0	8'-0
S1	9'-2 1/2	9'-2 1/2	9'-2 1/2	9'-2 1/2	9'-2 1/2	9'-2 1/2	9'-2 1/2	6'-11 1/2	6'-11 1/2	6'-11 1/2	6'-11 1/2	6'-11 1/2	6'-11 1/2	5'-9 1/2	5'-9 1/2	5'-9 1/2	5'-9 1/2	9'-2 1/2
T	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
U	10	10	10	9	9	9	9	10	9	9	9	9	9	9	9	9	9	10
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	4'-6
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
C	1'-0	1'-0	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	1'-0
D	6	6	9	1'-0	1'-0	1'-0	1'-0	6	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	6
E	1'-0	1'-0	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

- Notes:
1. See Sheet RCB G2-20 for General Notes, Specifications, and Design Stresses.
  2. See Sheets PWH 30-2-20 thru 30-4-20 for location of certain dimensions tabulated.
  3. Dimensions are in feet and inches unless otherwise noted.

LATEST REVISION DATE	 APPROVED BY BRIDGE ENGINEER	 Standard Design - Single Reinforced Concrete Box Culverts	
		Parallel Wing Headwalls July, 2020	
		Dimension Table 30° Skew	PWH 30-1-20