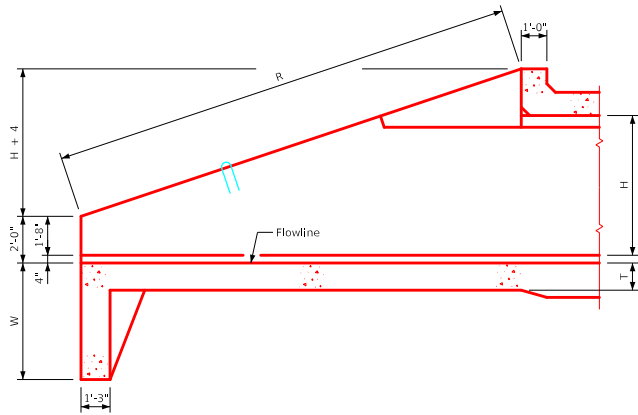
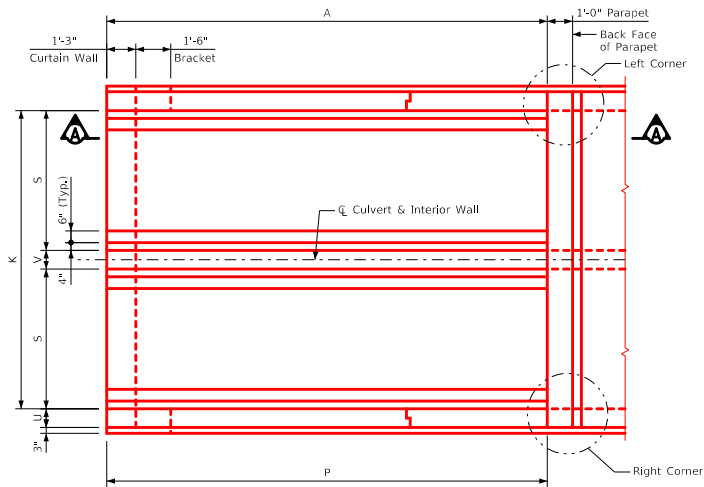


ENGLISHLRFDDESIGNEDTWINCULVERTS.DGN - TWPWH 0-1-20 - THIS SHEET ISSUED 07-2020.



Elevation Section A-A



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
K	25'-0	25'-0	24'-10	24'-10	24'-10	24'-9	24'-9	24'-9	24'-9	21'-0	21'-0	20'-10	20'-10	20'-10	20'-9	20'-9	20'-9	20'-9	K
P	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	P
R	39'-0	35'-10 1/2	32'-8 1/2	29'-6 1/2	26'-4 1/2	23'-2 1/2	20'-0 1/2	16'-10 1/2	13'-8 1/2	39'-0	35'-10 1/2	32'-8 1/2	29'-6 1/2	26'-4 1/2	23'-2 1/2	20'-0 1/2	16'-10 1/2	13'-8 1/2	R
R1	38'-7 1/2	35'-5 1/2	32'-3 3/4	29'-1 1/2	25'-11 1/2	22'-9 3/4	19'-7 1/2	16'-5 1/2	13'-4 1/2	38'-7 1/2	35'-5 1/2	32'-3 3/4	29'-1 1/2	25'-11 1/2	22'-9 3/4	19'-7 1/2	16'-5 1/2	13'-4 1/2	R1
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
V	1'-0	1'-0	10	10	10	9	9	9	9	1'-0	1'-0	10	10	10	9	9	9	9	V
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
B	1'-0	1'-0	1'-0	1'-0	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	B
C	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	C
D	6	6	1'-0	1'-0	1'-0	1'-0	9	1'-0	9	6	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	D
E	9	9	9	9	9	9	9	9	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'	S x H
A	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	A
H	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	H
K	16'-10	16'-10	16'-10	16'-9	16'-9	16'-9	16'-9	K
P	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	P
R	32'-8 1/2	29'-6 1/2	26'-4 1/2	23'-2 1/2	20'-0 1/2	16'-10 1/2	13'-8 1/2	R
R1	32'-3 3/4	29'-1 1/2	25'-11 1/2	22'-9 3/4	19'-7 1/2	16'-5 1/2	13'-4 1/2	R1
S	8'-0	8'-0	8'-0	8'-0	8'-0	8'-0	8'-0	S
T	11	11	11	11	11	11	11	T
U	10	10	10	9	9	9	9	U
V	10	10	10	9	9	9	9	V
W	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	W
B	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	B
C	1'-0	1'-0	9	9	9	1'-0	1'-0	C
D	6	6	9	1'-0	1'-0	1'-0	1'-0	D
E	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	E

Notes:

1. See Sheet TWRCB G2-20 for General Notes, Specifications, and Design Stresses.
2. See Sheets TWPWH 0-2-20 thru 0-5-20 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 - Twin Reinforced Concrete Box Culverts	
		Parallel Wing Headwalls	
		July, 2020	
		Dimension Table 0° Skew	TWPWH 0-1-20