

BCW-21

WING	WALL DIMENSIONS								No. WEEP HOLES	FOOTING BAR SPACINGS													
	J	K1	K2	L1	L2	M	N1	N2		WF1		WF2		WF3		WF4, WF8 to WF10		WF5		WF6		WF7	
										LL	MM	AA	BB	CC	DD	NN	OO	EE	FF	GG	HH	JJ	KK
A	1'-6"	4'-0"	1'-6"	1'-0"	1'-0"	7'-0"	4'-0"	3'-0"	-	3	2'-6"	-	-	6	6'-0"	1	0'-8"	-	-	6	6'-0"	-	-
B	1'-6"	4'-6"	1'-6"	1'-0"	1'-0"	8'-0"	4'-0"	3'-0"	-	3	2'-6"	-	-	7	7'-0"	1	0'-8"	-	-	7	7'-0"	-	-
C	1'-6"	5'-0"	1'-9"	1'-0"	1'-0"	9'-0"	4'-0"	3'-0"	-	3	2'-6"	-	-	8	8'-0"	1	0'-8"	-	-	8	8'-0"	-	-
D	1'-6"	5'-6"	2'-0"	1'-0"	1'-0"	10'-0"	4'-6"	3'-0"	-	3	2'-6"	-	-	9	9'-0"	1	0'-8"	-	-	9	9'-0"	-	-
E	1'-6"	6'-0"	2'-0"	1'-0"	1'-0"	11'-0"	4'-6"	3'-0"	-	3	2'-6"	-	-	10	10'-0"	1	0'-8"	-	-	10	10'-0"	-	-
F	1'-6"	6'-6"	2'-0"	1'-0"	1'-0"	12'-0"	4'-6"	3'-0"	-	3	2'-6"	-	-	11	11'-0"	1	0'-8"	-	-	11	11'-0"	-	-
G	1'-6"	7'-0"	2'-3"	1'-0"	1'-0"	13'-0"	5'-0"	3'-0"	-	3	2'-6"	-	-	12	12'-0"	1	0'-8"	-	-	12	12'-0"	-	-
H	1'-6"	7'-6"	2'-3"	1'-0"	1'-0"	14'-0"	5'-0"	3'-0"	-	3	2'-6"	-	-	13	13'-0"	1	0'-8"	-	-	13	13'-0"	-	-
I	1'-6"	8'-0"	2'-6"	1'-0"	1'-0"	15'-0"	5'-6"	3'-0"	-	3	2'-6"	1	1'-0"	9	9'-0"	1	0'-8"	6	4'-6"	14	14'-0"	-	-
J	1'-6"	8'-6"	2'-6"	1'-0"	1'-0"	16'-0"	5'-6"	3'-0"	-	3	2'-6"	1	1'-0"	9	9'-0"	1	0'-8"	7	5'-3"	15	15'-0"	-	-
K	1'-6"	9'-0"	2'-9"	1'-0"	1'-0"	17'-0"	6'-0"	3'-0"	-	3	2'-6"	1	1'-0"	10	10'-0"	1	0'-8"	7	5'-3"	16	16'-0"	-	-
L	1'-6"	9'-6"	2'-9"	1'-0"	1'-0"	18'-0"	6'-0"	3'-0"	-	3	2'-6"	1	1'-0"	10	10'-0"	1	0'-8"	8	6'-0"	17	17'-0"	-	-
M	1'-6"	10'-0"	3'-0"	1'-0"	1'-0"	19'-0"	6'-6"	3'-0"	-	3	2'-6"	2	2'-0"	11	11'-0"	1	0'-8"	8	6'-0"	18	18'-0"	-	-
N	1'-6"	10'-6"	3'-6"	1'-0"	1'-0"	19'-0"	6'-6"	3'-0"	-	3	2'-6"	2	2'-0"	11	11'-0"	1	0'-8"	8	6'-0"	18	18'-0"	-	-
O	1'-6"	11'-0"	3'-6"	1'-0"	1'-0"	20'-0"	7'-0"	3'-0"	1	3	2'-6"	2	2'-0"	12	12'-0"	1	0'-8"	8	6'-0"	19	19'-0"	-	-
P	1'-6"	11'-6"	3'-9"	1'-0"	1'-0"	21'-0"	7'-6"	3'-6"	1	3	2'-6"	3	3'-0"	12	12'-0"	1	0'-8"	10	7'-6"	20	20'-0"	-	-
Q	1'-6"	12'-0"	3'-9"	1'-0"	1'-0"	22'-0"	7'-6"	3'-6"	1	3	2'-6"	3	3'-0"	13	13'-0"	1	0'-8"	10	7'-6"	21	21'-0"	-	-
R	1'-6"	12'-6"	4'-0"	1'-0"	1'-0"	23'-0"	8'-0"	3'-6"	1	3	2'-6"	3	3'-0"	10	10'-0"	1	0'-8"	9	6'-9"	22	22'-0"	8	4'-0"
S	1'-6"	13'-0"	4'-0"	1'-0"	1'-0"	24'-0"	8'-6"	3'-6"	1	3	2'-6"	4	4'-0"	11	11'-0"	1	0'-8"	9	6'-9"	23	23'-0"	8	4'-0"
T	1'-6"	13'-6"	4'-3"	1'-0"	1'-0"	25'-0"	8'-6"	3'-6"	2	3	2'-6"	4	4'-0"	12	12'-0"	1	0'-8"	9	6'-9"	24	24'-0"	8	4'-0"
U	1'-6"	14'-0"	4'-3"	1'-0"	1'-0"	26'-0"	9'-0"	3'-6"	2	3	2'-6"	4	4'-0"	12	12'-0"	1	0'-8"	9	6'-9"	25	25'-0"	10	5'-0"
V	1'-6"	14'-6"	4'-6"	1'-0"	1'-0"	27'-0"	9'-6"	3'-6"	2	3	2'-6"	5	5'-0"	10	10'-0"	1	0'-8"	13	9'-9"	26	26'-0"	10	5'-0"
W	1'-6"	15'-0"	4'-6"	1'-0"	1'-0"	28'-0"	10'-0"	3'-6"	2	3	2'-6"	5	5'-0"	11	11'-0"	1	0'-8"	13	9'-9"	27	27'-0"	10	5'-0"
X	1'-9"	15'-6"	4'-9"	1'-3 3/4"	1'-1 1/8"	29'-0"	11'-0"	4'-0"	2	4	3'-4"	5	5'-0"	11	11'-0"	1	0'-11"	13	9'-9"	28	28'-0"	12	6'-0"
Y	2'-0"	16'-0"	4'-9"	1'-4"	1'-1 1/8"	30'-0"	12'-0"	4'-6"	3	4	3'-4"	6	6'-0"	10	10'-0"	2	0'-7"	17	12'-9"	29	29'-0"	10	5'-0"
Z	2'-0"	16'-6"	5'-0"	1'-4 1/8"	1'-1 1/4"	31'-0"	12'-6"	4'-6"	3	4	3'-4"	7	7'-0"	10	10'-0"	2	0'-7"	17	12'-9"	30	30'-0"	12	6'-0"
AA	2'-0"	17'-0"	5'-0"	1'-4 1/4"	1'-1 1/4"	32'-0"	13'-0"	4'-6"	3	4	3'-4"	7	7'-0"	11	11'-0"	2	0'-7"	17	12'-9"	31	31'-0"	12	6'-0"
BB	2'-0"	17'-6"	5'-3"	1'-4 3/8"	1'-1 1/4"	33'-0"	14'-0"	4'-6"	3	4	3'-4"	8	8'-0"	12	12'-0"	2	0'-7"	17	12'-9"	32	32'-0"	12	6'-0"
CC	2'-0"	18'-0"	5'-3"	1'-4 1/2"	1'-1 1/4"	34'-0"	14'-6"	4'-6"	3	4	3'-4"	9	9'-0"	13	13'-0"	2	0'-7"	17	12'-9"	33	33'-0"	12	6'-0"
DD	2'-6"	18'-6"	5'-6"	1'-4 5/8"	1'-1 3/8"	35'-0"	15'-0"	5'-0"	4	5	4'-2"	8	8'-0"	12	12'-0"	2	0'-10"	17	12'-9"	34	34'-0"	16	8'-0"
EE	2'-6"	19'-0"	5'-6"	1'-4 3/4"	1'-1 3/8"	36'-0"	15'-6"	5'-0"	4	5	4'-2"	9	9'-0"	12	12'-0"	2	0'-10"	17	12'-9"	35	35'-0"	18	9'-0"

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE

<b>VDOT</b> ROAD AND BRIDGE STANDARDS	
SHEET 3 OF 8	REVISION DATE
1007.03	07/12

**WING DETAILS**  
2:1 FILL SLOPE -TYPE I  
VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE