


WING	SIZE	WV3						SIZE	WV4						WH1			WH2					WH3	
		α			LENGTH				α			LENGTH			SIZE	LENGTH	• Eα	SIZE	LENGTH				SIZE	LENGTH
		FROM	TO	VARY BY	FROM	TO	VARY BY		FROM	TO	VARY BY	FROM	TO	VARY BY					FROM	TO	VARY BY	• EA		
A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	6'-0"	2	4	4'-8"	2'-0"	2'-7½"	2	4	6'-8"
B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	7'-0"	2	4	4'-7"	2'-0"	2'-6¾"	2	4	7'-9"
C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	8'-0"	2	4	7'-2"	2'-0"	2'-6¾"	2	4	8'-11"
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9'-0"	2	4	7'-2"	2'-0"	2'-6¾"	2	4	10'-0"
E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	10'-0"	2	4	9'-8"	1'-11"	2'-6¾"	2	4	11'-2"
F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	11'-0"	2	4	9'-8"	1'-11"	2'-6¾"	2	4	12'-3"
G	4	7'-11"	6'-1"	0'-4¼"	9'-10"	8'-0"	0'-4¼"	-	-	-	-	-	-	-	4	12'-0"	2	4	9'-8"	1'-11"	2'-6¾"	2	4	13'-4"
H	4	8'-5"	6'-4"	0'-4½"	10'-4"	8'-3"	0'-4½"	-	-	-	-	-	-	-	4	13'-6"	2	4	12'-8"	2'-0"	2'-7¾"	2	4	14'-11"
I	4	5'-9"	2'-11"	0'-4½"	7'-8"	4'-10"	0'-4½"	5	8'-11"	6'-1"	0'-2¾"	10'-10"	8'-1"	0'-2¾"	4	14'-6"	2	4	12'-7"	2'-0"	2'-7½"	2	4	16'-1"
J	4	6'-3"	3'-5"	0'-4½"	8'-2"	5'-4"	0'-4½"	5	9'-5"	6'-7"	0'-2¾"	11'-4"	8'-6"	0'-2¾"	4	15'-6"	2	4	15'-2"	2'-0"	2'-7½"	2	4	17'-2"
K	4	6'-9"	3'-11"	0'-4¼"	8'-7"	5'-9"	0'-4¼"	6	9'-11"	7'-1"	0'-2¾"	11'-11"	9'-1"	0'-2¾"	4	16'-6"	2	4	15'-1"	2'-0"	2'-7¼"	2	4	18'-3"
L	4	7'-3"	4'-4"	0'-4¼"	9'-1"	6'-3"	0'-4¼"	6	10'-5"	7'-7"	0'-2¾"	12'-5"	9'-7"	0'-2¾"	4	17'-6"	2	4	15'-1"	2'-0"	2'-7¾"	2	4	19'-5"
M	4	7'-8"	4'-10"	0'-4¼"	9'-7"	6'-9"	0'-4¼"	6	10'-11"	8'-1"	0'-2¾"	12'-11"	10'-1"	0'-2¾"	4	18'-6"	2	4	17'-8"	2'-0"	2'-7¼"	2	4	20'-6"
N	4	7'-9"	4'-2"	0'-4¼"	9'-7"	6'-1"	0'-4¼"	6	11'-5"	8'-1"	0'-2¾"	13'-5"	10'-1"	0'-2¾"	4	19'-6"	2	4	17'-7"	2'-0"	2'-7¾"	2	4	21'-8"
O	5	8'-4"	4'-10"	0'-4½"	10'-3"	6'-9"	0'-4½"	6	11'-11"	8'-8"	0'-2¾"	13'-11"	10'-8"	0'-2¾"	4	21'-0"	2	4	20'-8"	2'-0"	2'-7¾"	2	4	23'-3"
P	5	8'-4"	4'-5"	0'-4½"	10'-3"	6'-5"	0'-4½"	6	12'-5"	8'-8"	0'-2¾"	14'-5"	10'-8"	0'-2¾"	4	22'-0"	2	4	20'-7"	2'-0"	2'-7¼"	2	4	24'-4"
Q	5	8'-10"	4'-11"	0'-4½"	10'-9"	6'-11"	0'-4½"	6	12'-11"	9'-2"	0'-2¾"	14'-11"	11'-2"	0'-2¾"	4	23'-0"	2	4	20'-7"	2'-0"	2'-7¼"	2	4	25'-5"
R	5	9'-4"	5'-5"	0'-4½"	11'-3"	7'-4"	0'-4½"	7	13'-5"	9'-8"	0'-2¾"	15'-6"	11'-9"	0'-2¾"	4	24'-0"	2	4	23'-2"	2'-1"	2'-7½"	2	4	26'-7"
S	5	10'-0"	6'-2"	0'-4½"	12'-0"	8'-1"	0'-4½"	7	14'-2"	10'-5"	0'-2¾"	16'-3"	12'-6"	0'-2¾"	4	25'-0"	2	4	23'-1"	2'-1"	2'-7½"	2	4	27'-8"
T	5	10'-4"	6'-1"	0'-4¼"	12'-3"	8'-0"	0'-4¼"	7	14'-11"	10'-8"	0'-2¾"	17'-0"	12'-9"	0'-2¾"	4	26'-0"	2	4	25'-8"	2'-0"	2'-7½"	2	4	28'-10"
U	6	10'-10"	6'-6"	0'-4¼"	12'-10"	8'-7"	0'-4¼"	8	15'-5"	11'-2"	0'-2¾"	17'-7"	13'-4"	0'-2¾"	4	27'-0"	2	4	25'-7"	2'-0"	2'-7¾"	2	4	29'-11"
V	6	10'-10"	5'-10"	0'-4¼"	12'-10"	7'-10"	0'-4¼"	8	15'-11"	11'-2"	0'-2¾"	18'-1"	13'-5"	0'-2¾"	4	28'-0"	2	4	25'-7"	2'-0"	2'-7¾"	2	4	31'-0"
W	6	11'-4"	6'-4"	0'-4¼"	13'-4"	8'-4"	0'-4¼"	9	16'-5"	11'-8"	0'-2¾"	18'-10"	14'-1"	0'-2¾"	4	29'-0"	2	4	28'-2"	2'-0"	2'-7¾"	2	4	32'-2"
X	6	11'-5"	6'-2"	0'-4½"	13'-5"	8'-2"	0'-4½"	8	16'-11"	11'-9"	0'-2¾"	19'-1"	14'-0"	0'-2¾"	4	30'-6"	2	4	28'-7"	2'-0"	2'-7¼"	2	4	33'-9"
Y	6	11'-11"	6'-7"	0'-4½"	13'-11"	8'-8"	0'-4½"	8	17'-5"	12'-3"	0'-2¾"	19'-7"	14'-5"	0'-2¾"	4	31'-6"	2	4	31'-2"	2'-0"	2'-7¼"	2	4	34'-10"
Z	7	12'-5"	7'-1"	0'-4½"	14'-6"	9'-3"	0'-4½"	8	17'-11"	12'-9"	0'-2¾"	20'-1"	14'-11"	0'-2¾"	4	32'-6"	2	4	31'-1"	2'-1"	2'-7½"	2	4	35'-11"
AA	7	12'-10"	7'-7"	0'-4½"	15'-0"	9'-8"	0'-4½"	9	18'-5"	13'-3"	0'-2¾"	20'-10"	15'-8"	0'-2¾"	4	33'-6"	2	4	31'-1"	2'-1"	2'-7½"	2	4	37'-1"
BB	7	10'-1"	4'-5"	0'-4½"	12'-2"	6'-6"	0'-4½"	9	18'-11"	10'-5"	0'-2¾"	21'-4"	12'-10"	0'-2¾"	4	34'-6"	2	4	33'-8"	2'-0"	2'-7½"	2	4	38'-2"
CC	7	10'-7"	4'-10"	0'-4¼"	12'-8"	7'-0"	0'-4¼"	9	19'-5"	10'-11"	0'-2¾"	21'-10"	13'-4"	0'-2¾"	4	35'-6"	2	4	33'-7"	2'-1"	2'-7½"	2	4	39'-4"
DD	7	10'-4"	3'-11"	0'-4¼"	12'-5"	6'-0"	0'-4¼"	9	19'-11"	10'-8"	0'-2¾"	22'-4"	13'-2"	0'-2¾"	4	36'-6"	2	4	36'-2"	2'-0"	2'-7½"	2	4	40'-5"
EE	7	10'-11"	4'-7"	0'-4½"	13'-1"	6'-9"	0'-4½"	10	20'-5"	11'-3"	0'-2¾"	22'-10"	13'-9"	0'-2¾"	4	38'-0"	2	4	36'-7"	2'-0"	2'-7¼"	2	4	42'-0"

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

SPECIFICATION REFERENCE	WING DETAILS 1½: 1 FILL SLOPE - TYPE II VIRGINIA DEPARTMENT OF TRANSPORTATION	 ROAD AND BRIDGE STANDARDS	REVISION DATE	SHEET 8 OF 8
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