

| WING | J | K1 | K2 | L1 | L2 | M | N1 | N2 | NO. WEEP HOLES | FOOTING BAR SPACINGS | | | | | | | | | | | | | |
|------|-------|--------|-------|------------------------------------|------------------------------------|--------|--------|-------|----------------|----------------------|-------|-----|--------|-----|--------|------------------|--------|-----|--------|-----|--------|-----|--------|
| | | | | | | | | | | WF1 | | WF2 | | WF3 | | WF4, WF8 TO WF11 | | WF5 | | WF6 | | WF7 | |
| | | | | | | | | | | LL | MM | AA | BB | CC | DD | NN | OO | EE | FF | GG | HH | JJ | KK |
| A | 1'-6" | 4'-0" | 1'-0" | 1'-0" | 1'-0" | 9'-0" | 5'-0" | 3'-0" | - | 3 | 2'-6" | - | - | 8 | 8'-0" | 1 | 0'-8" | - | - | 8 | 8'-0" | - | - |
| B | 1'-6" | 4'-6" | 1'-0" | 1'-0" | 1'-0" | 10'-6" | 5'-6" | 3'-0" | - | 3 | 2'-6" | 1 | 1'-0" | 10 | 10'-0" | 1 | 0'-8" | - | - | 10 | 10'-0" | - | - |
| C | 1'-6" | 5'-0" | 1'-0" | 1'-0" | 1'-0" | 11'-6" | 6'-0" | 3'-0" | - | 3 | 2'-6" | 1 | 1'-0" | 11 | 11'-0" | 1 | 0'-8" | - | - | 11 | 11'-0" | - | - |
| D | 1'-6" | 5'-6" | 1'-0" | 1'-0" | 1'-0" | 13'-0" | 6'-6" | 3'-0" | - | 3 | 2'-6" | 2 | 2'-0" | 12 | 12'-0" | 1 | 0'-8" | - | - | 12 | 12'-0" | - | - |
| E | 1'-6" | 6'-0" | 1'-0" | 1'-0" | 1'-0" | 14'-6" | 7'-0" | 3'-0" | - | 3 | 2'-6" | 2 | 2'-0" | 14 | 14'-0" | 1 | 0'-8" | - | - | 14 | 14'-0" | - | - |
| F | 1'-6" | 6'-6" | 1'-0" | 1'-0" | 1'-0" | 16'-0" | 7'-6" | 3'-0" | - | 3 | 2'-6" | 3 | 3'-0" | 15 | 15'-0" | 1 | 0'-8" | - | - | 15 | 15'-0" | - | - |
| G | 1'-6" | 7'-0" | 1'-0" | 1'-0" | 1'-0" | 17'-6" | 8'-0" | 3'-0" | - | 3 | 2'-6" | 3 | 3'-0" | 17 | 17'-0" | 1 | 0'-8" | - | - | 17 | 17'-0" | - | - |
| H | 1'-6" | 7'-6" | 1'-0" | 1'-0" | 1'-0" | 19'-0" | 8'-0" | 3'-0" | - | 3 | 2'-6" | 3 | 3'-0" | 18 | 18'-0" | 1 | 0'-8" | - | - | 18 | 18'-0" | - | - |
| I | 1'-6" | 8'-0" | 1'-0" | 1'-0" | 1'-0" | 20'-0" | 8'-6" | 3'-0" | - | 3 | 2'-6" | 4 | 4'-0" | 12 | 12'-0" | 1 | 0'-8" | 8 | 6'-0" | 19 | 19'-0" | - | - |
| J | 1'-6" | 8'-6" | 1'-0" | 1'-0" | 1'-0" | 21'-6" | 9'-0" | 3'-0" | - | 3 | 2'-6" | 4 | 4'-0" | 12 | 12'-0" | 1 | 0'-8" | 10 | 7'-6" | 21 | 21'-0" | - | - |
| K | 1'-6" | 9'-0" | 1'-0" | 1'-0" | 1'-0" | 23'-0" | 9'-6" | 3'-0" | - | 3 | 2'-6" | 5 | 5'-0" | 13 | 13'-0" | 1 | 0'-8" | 11 | 8'-3" | 22 | 22'-0" | - | - |
| L | 1'-6" | 9'-6" | 1'-0" | 1'-0" | 1'-0" | 24'-6" | 9'-6" | 3'-0" | - | 3 | 2'-6" | 5 | 5'-0" | 14 | 14'-0" | 1 | 0'-8" | 12 | 9'-0" | 24 | 24'-0" | - | - |
| M | 1'-6" | 10'-0" | 1'-0" | 1'-0" | 1'-0" | 26'-0" | 10'-0" | 3'-0" | 2 | 3 | 2'-6" | 5 | 5'-0" | 15 | 15'-0" | 1 | 0'-8" | 12 | 9'-0" | 25 | 25'-0" | - | - |
| N | 1'-6" | 10'-6" | 1'-0" | 1'-0" | 1'-0" | 27'-6" | 10'-6" | 3'-0" | 2 | 3 | 2'-6" | 6 | 6'-0" | 16 | 16'-0" | 1 | 0'-8" | 13 | 9'-9" | 27 | 27'-0" | - | - |
| O | 1'-6" | 11'-0" | 1'-0" | 1'-0" | 1'-0" | 28'-6" | 11'-0" | 3'-0" | 2 | 3 | 2'-6" | 6 | 6'-0" | 17 | 17'-0" | 1 | 0'-8" | 13 | 9'-9" | 28 | 28'-0" | - | - |
| P | 1'-6" | 11'-6" | 1'-0" | 1'-0" | 1'-0" | 30'-0" | 11'-6" | 3'-0" | 3 | 3 | 2'-6" | 7 | 7'-0" | 18 | 18'-0" | 1 | 0'-8" | 14 | 10'-6" | 29 | 29'-0" | - | - |
| Q | 1'-6" | 12'-0" | 1'-0" | 1'-0" | 1'-0" | 31'-6" | 11'-6" | 3'-0" | 3 | 3 | 2'-6" | 7 | 7'-0" | 18 | 18'-0" | 1 | 0'-8" | 16 | 12'-0" | 31 | 31'-0" | - | - |
| R | 1'-6" | 12'-6" | 1'-0" | 1'-0" | 1'-0" | 33'-0" | 12'-0" | 3'-0" | 3 | 3 | 2'-6" | 7 | 7'-0" | 15 | 15'-0" | 1 | 0'-8" | 13 | 9'-9" | 32 | 32'-0" | 12 | 6'-0" |
| S | 1'-6" | 13'-0" | 1'-0" | 1'-0" | 1'-0" | 34'-6" | 12'-6" | 3'-0" | 3 | 3 | 2'-6" | 8 | 8'-0" | 15 | 15'-0" | 1 | 0'-8" | 13 | 9'-9" | 34 | 34'-0" | 15 | 7'-6" |
| T | 1'-6" | 13'-6" | 1'-0" | 1'-0" | 1'-0" | 36'-0" | 12'-6" | 3'-0" | 4 | 3 | 2'-6" | 8 | 8'-0" | 14 | 14'-0" | 1 | 0'-8" | 15 | 11'-3" | 35 | 35'-0" | 17 | 8'-6" |
| U | 1'-6" | 14'-0" | 1'-0" | 1'-0" | 1'-0" | 37'-0" | 13'-0" | 3'-0" | 4 | 3 | 2'-6" | 8 | 8'-0" | 14 | 14'-0" | 1 | 0'-8" | 17 | 12'-9" | 36 | 36'-0" | 16 | 8'-0" |
| V | 1'-6" | 14'-6" | 1'-0" | 1'-0" | 1'-0" | 38'-6" | 13'-6" | 3'-0" | 4 | 3 | 2'-6" | 9 | 9'-0" | 15 | 15'-0" | 1 | 0'-8" | 17 | 12'-9" | 38 | 38'-0" | 17 | 8'-6" |
| W | 1'-9" | 15'-0" | 1'-0" | 1'-0" | 1'-0" | 40'-0" | 14'-0" | 3'-0" | 5 | 3 | 2'-6" | 9 | 9'-0" | 15 | 15'-0" | 1 | 0'-11" | 19 | 14'-3" | 39 | 39'-0" | 17 | 8'-6" |
| X | 2'-0" | 15'-6" | 1'-0" | 1'-3 ³ / ₄ " | 1'-0 ¹ / ₄ " | 41'-6" | 15'-0" | 3'-6" | 5 | 3 | 2'-6" | 10 | 10'-0" | 17 | 17'-0" | 2 | 0'-7" | 17 | 12'-9" | 41 | 41'-0" | 19 | 9'-6" |
| Y | 2'-0" | 16'-0" | 1'-0" | 1'-4" | 1'-0 ¹ / ₄ " | 43'-0" | 16'-0" | 3'-6" | 5 | 3 | 2'-6" | 11 | 11'-0" | 20 | 20'-0" | 2 | 0'-7" | 15 | 11'-3" | 42 | 42'-0" | 19 | 9'-6" |
| Z | 2'-0" | 16'-6" | 1'-0" | 1'-4 ¹ / ₈ " | 1'-0 ¹ / ₄ " | 44'-6" | 16'-6" | 3'-6" | 5 | 3 | 2'-6" | 12 | 12'-0" | 20 | 20'-0" | 2 | 0'-7" | 17 | 12'-9" | 44 | 44'-0" | 19 | 9'-6" |
| AA | 2'-0" | 17'-0" | 1'-0" | 1'-4 ¹ / ₈ " | 1'-0 ¹ / ₄ " | 45'-6" | 17'-0" | 3'-6" | 6 | 3 | 2'-6" | 12 | 12'-0" | 19 | 19'-0" | 2 | 0'-7" | 19 | 14'-3" | 45 | 45'-0" | 20 | 10'-0" |
| BB | 2'-0" | 17'-6" | 1'-0" | 1'-4 ³ / ₈ " | 1'-0 ¹ / ₄ " | 47'-0" | 17'-0" | 3'-6" | 6 | 3 | 2'-6" | 12 | 12'-0" | 20 | 20'-0" | 2 | 0'-7" | 19 | 14'-3" | 46 | 46'-0" | 21 | 10'-6" |
| CC | 2'-0" | 18'-0" | 1'-0" | 1'-4 ¹ / ₂ " | 1'-0 ¹ / ₄ " | 48'-6" | 17'-6" | 3'-6" | 6 | 3 | 2'-6" | 13 | 13'-0" | 19 | 19'-0" | 2 | 0'-7" | 21 | 15'-9" | 48 | 48'-0" | 23 | 11'-6" |
| DD | 2'-0" | 18'-6" | 1'-0" | 1'-4 ⁵ / ₈ " | 1'-0 ¹ / ₄ " | 50'-0" | 18'-6" | 3'-6" | 7 | 3 | 2'-6" | 14 | 14'-0" | 18 | 18'-0" | 2 | 0'-7" | 23 | 17'-3" | 49 | 49'-0" | 25 | 12'-6" |
| EE | 2'-0" | 19'-0" | 1'-0" | 1'-4 ³ / ₄ " | 1'-0 ¹ / ₄ " | 51'-6" | 19'-0" | 3'-6" | 7 | 3 | 2'-6" | 14 | 14'-0" | 18 | 18'-0" | 2 | 0'-7" | 25 | 18'-9" | 51 | 51'-0" | 25 | 12'-6" |

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

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| VDOT | |
| ROAD AND BRIDGE STANDARDS | |
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|---|
| <h2 style="margin: 0;">WING DETAILS</h2> <h3 style="margin: 0;">2:1 FILL SLOPE - TYPE II</h3> <p style="margin: 0;">VIRGINIA DEPARTMENT OF TRANSPORTATION</p> |
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