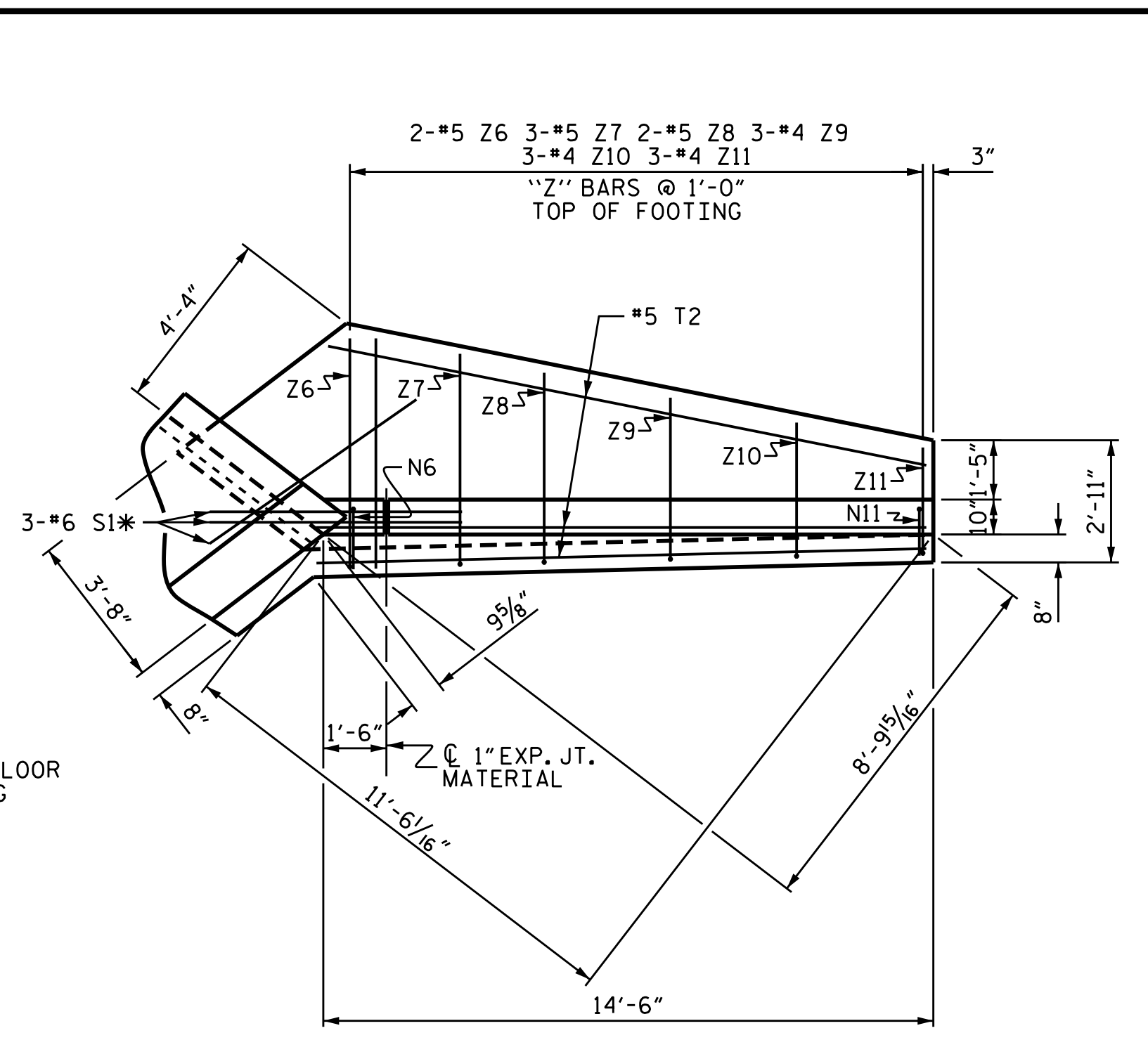
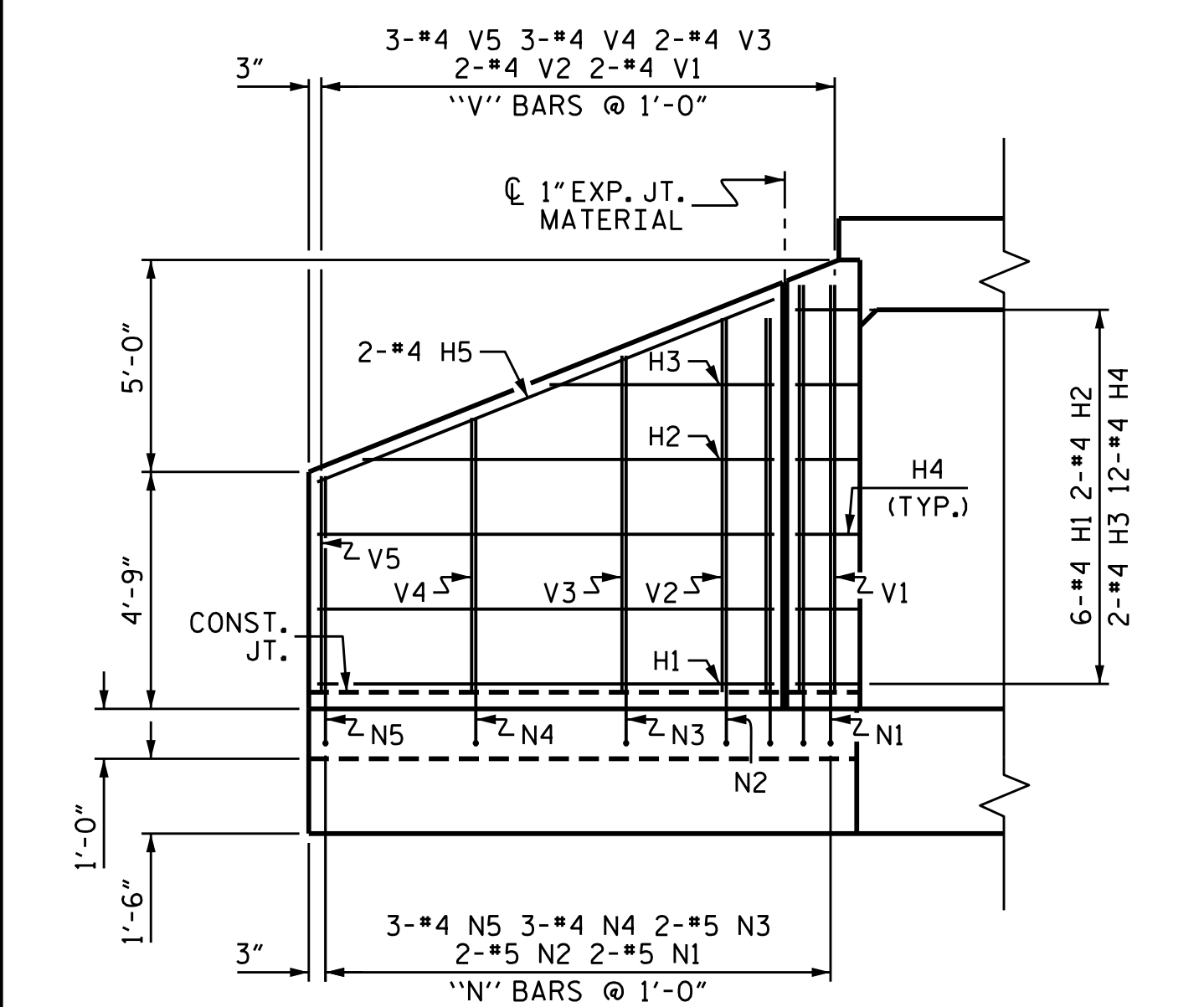


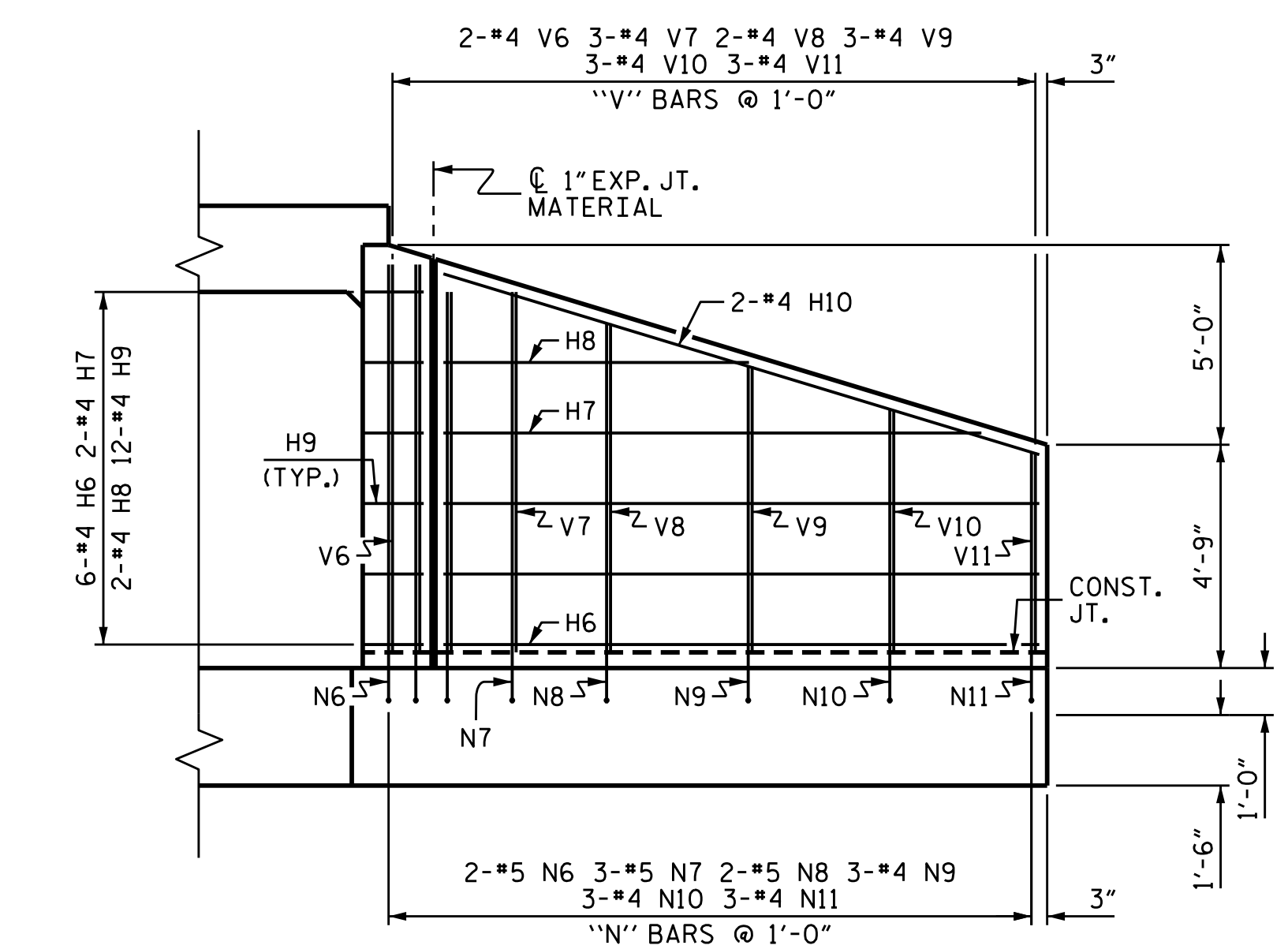
PLAN W2



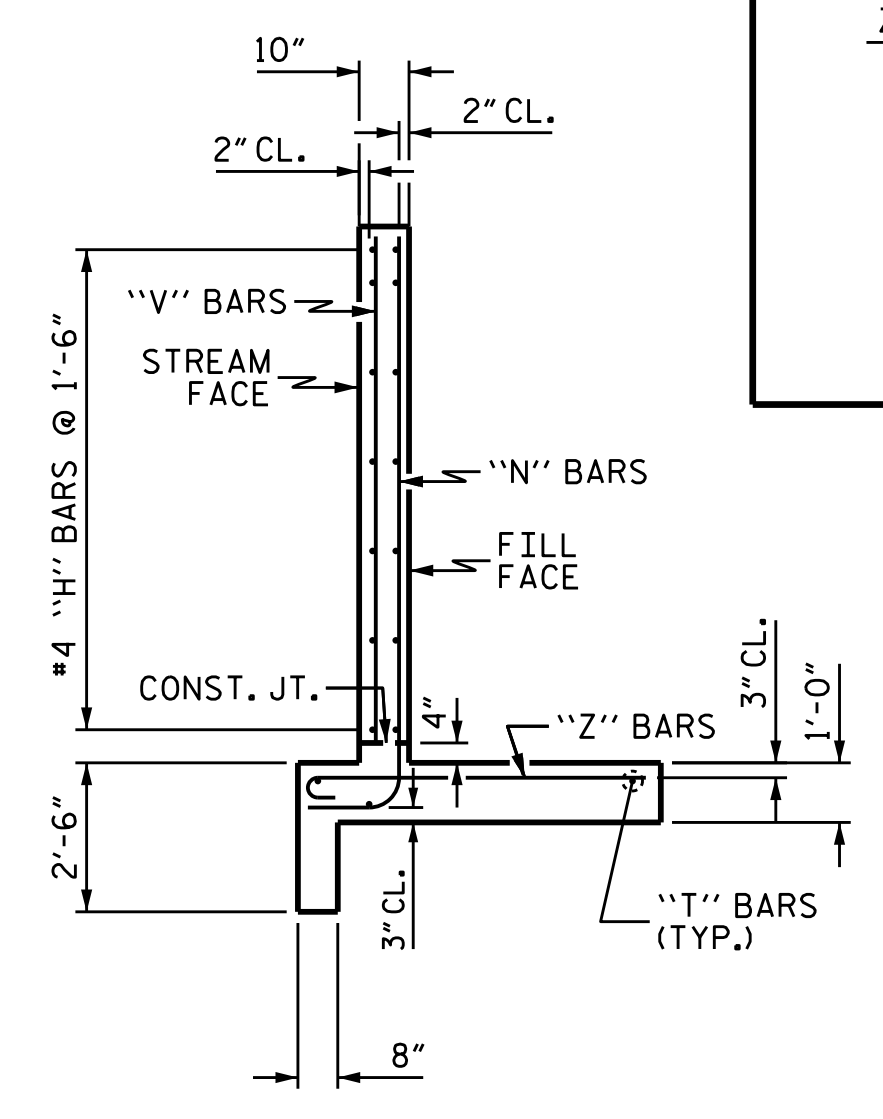
PLAN W1



ELEVATION W2



ELEVATION W1



TYPICAL WING SECTION

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.

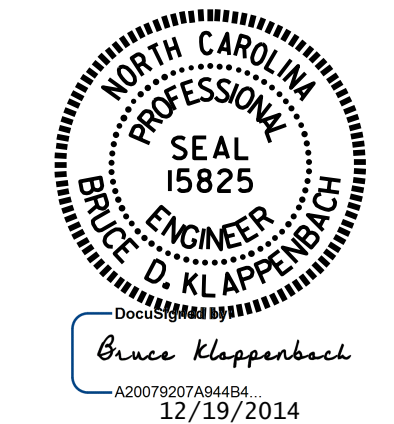
| | | |
|-----|--------|----|
| Z1 | 5'-5" | 7" |
| Z2 | 5'-0" | 7" |
| Z3 | 4'-5" | 7" |
| Z4 | 3'-6" | 6" |
| Z5 | 2'-7" | 6" |
| Z6 | 5'-6" | 7" |
| Z7 | 5'-1" | 7" |
| Z8 | 4'-7" | 7" |
| Z9 | 3'-11" | 6" |
| Z10 | 3'-3" | 6" |
| Z11 | 2'-7" | 6" |

BILL OF MATERIAL

| BAR NO. | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|-------------------------------|-----|------|------|--------|--------|
| H1 | 6 | #4 | STR | 9'-1" | 36 |
| H2 | 2 | #4 | STR | 8'-2" | 11 |
| H3 | 2 | #4 | STR | 4'-5" | 6 |
| H4 | 12 | #4 | 1 | 3'-3" | 26 |
| H5 | 2 | #4 | STR | 9'-10" | 13 |
| H6 | 6 | #4 | STR | 12'-7" | 50 |
| H7 | 2 | #4 | STR | 11'-4" | 15 |
| H8 | 2 | #4 | STR | 6'-5" | 9 |
| H9 | 12 | #4 | 2 | 3'-3" | 26 |
| H10 | 2 | #4 | STR | 13'-2" | 18 |
| N1 | 2 | #5 | 3 | 10'-2" | 21 |
| N2 | 2 | #5 | 3 | 9'-7" | 20 |
| N3 | 2 | #5 | 3 | 8'-9" | 18 |
| N4 | 3 | #4 | 3 | 7'-7" | 15 |
| N5 | 3 | #4 | 3 | 6'-4" | 13 |
| N6 | 2 | #5 | 3 | 10'-3" | 21 |
| N7 | 3 | #5 | 3 | 9'-8" | 30 |
| N8 | 2 | #5 | 3 | 9'-1" | 19 |
| N9 | 3 | #4 | 3 | 8'-2" | 16 |
| N10 | 3 | #4 | 3 | 7'-3" | 15 |
| N11 | 3 | #4 | 3 | 6'-4" | 13 |
| S1 | 6 | #6 | STR | 6'-0" | 54 |
| T1 | 3 | #5 | STR | 11'-0" | 34 |
| T2 | 3 | #5 | STR | 14'-6" | 45 |
| V1 | 2 | #4 | STR | 8'-2" | 11 |
| V2 | 2 | #4 | STR | 7'-6" | 10 |
| V3 | 2 | #4 | STR | 6'-9" | 9 |
| V4 | 3 | #4 | STR | 5'-6" | 11 |
| V5 | 3 | #4 | STR | 4'-4" | 9 |
| V6 | 2 | #4 | STR | 8'-3" | 11 |
| V7 | 3 | #4 | STR | 7'-8" | 15 |
| V8 | 2 | #4 | STR | 7'-0" | 9 |
| V9 | 3 | #4 | STR | 6'-1" | 12 |
| V10 | 3 | #4 | STR | 5'-2" | 10 |
| V11 | 3 | #4 | STR | 4'-3" | 9 |
| Z1 | 2 | #5 | 4 | 6'-0" | 13 |
| Z2 | 2 | #5 | 4 | 5'-7" | 12 |
| Z3 | 2 | #5 | 4 | 5'-0" | 10 |
| Z4 | 3 | #4 | 4 | 4'-0" | 8 |
| Z5 | 3 | #4 | 4 | 3'-1" | 6 |
| Z6 | 2 | #5 | 4 | 6'-1" | 13 |
| Z7 | 3 | #5 | 4 | 5'-8" | 18 |
| Z8 | 2 | #5 | 4 | 5'-2" | 11 |
| Z9 | 3 | #4 | 4 | 4'-5" | 9 |
| Z10 | 3 | #4 | 4 | 3'-9" | 8 |
| Z11 | 3 | #4 | 4 | 3'-1" | 6 |
| REINFORCING STEEL FOR 2 WINGS | | | | 774 | LBS |
| CLASS A CONCRETE | | | | | |
| 2 WINGS | | | | 11.3 | CY |
| 1 HEADWALL | | | | 1.6 | CY |
| 1 END CURTAIN WALL | | | | 1.9 | CY |
| 2 EDGE BEAMS | | | | 3.0 | CY |
| TOTAL | | | | 17.8 | CY |

PROJECT NO. R-2915D
ASHE COUNTY
 STATION: 660+64.00-L-
 SHEET 6 OF 6

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
STANDARD WINGS FOR CONCRETE BOX CULVERT
 H = 8'-0" SLOPE = 2:1



ASSEMBLED BY : H. T. BARBOUR DATE : 5-22-14
 CHECKED BY : B. N. GRADY DATE : 8-14
 DRAWN BY : CCJ 01/00
 CHECKED BY : RWW 03/00

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | C-6 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 6 |

STD. NO. CW7508