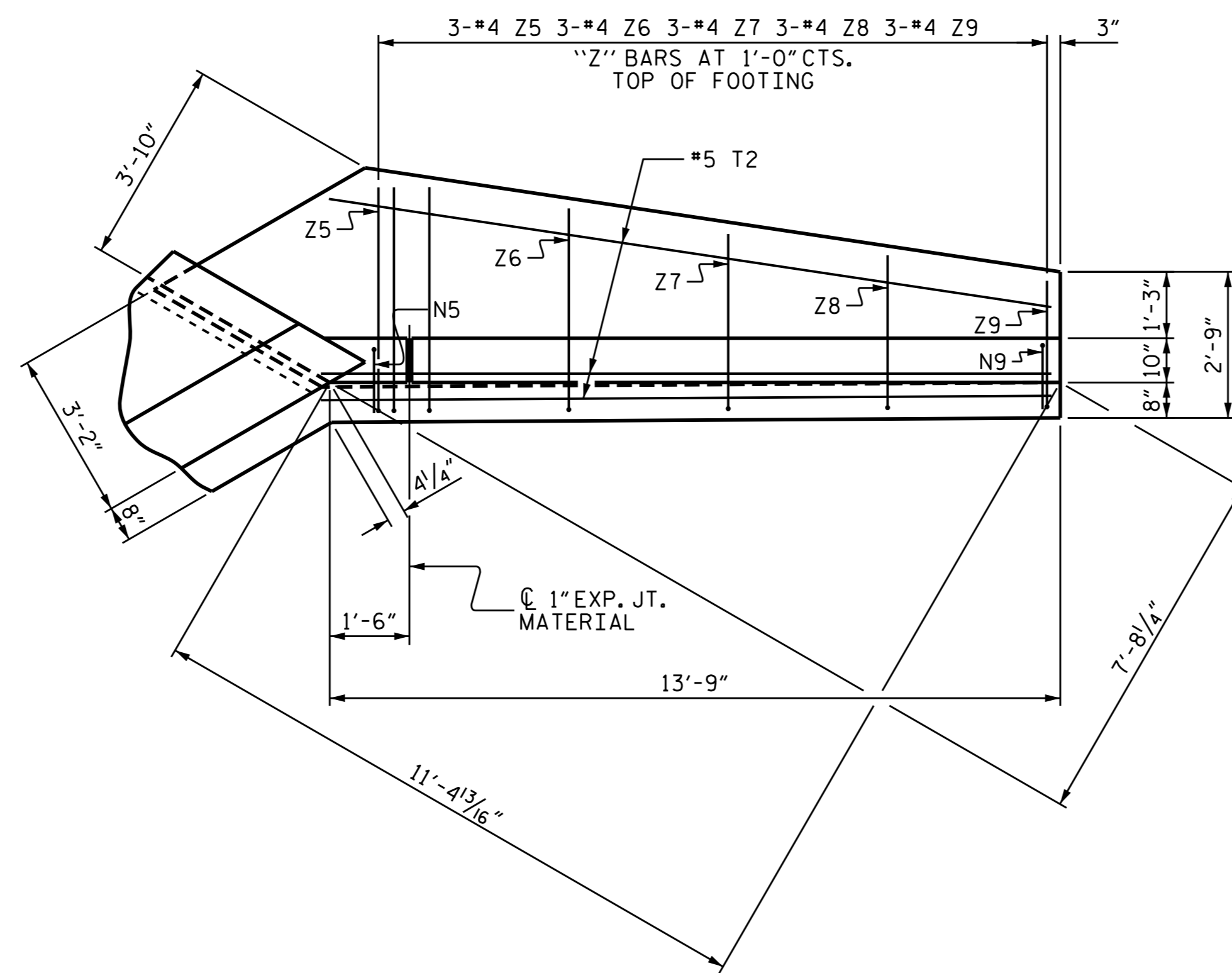
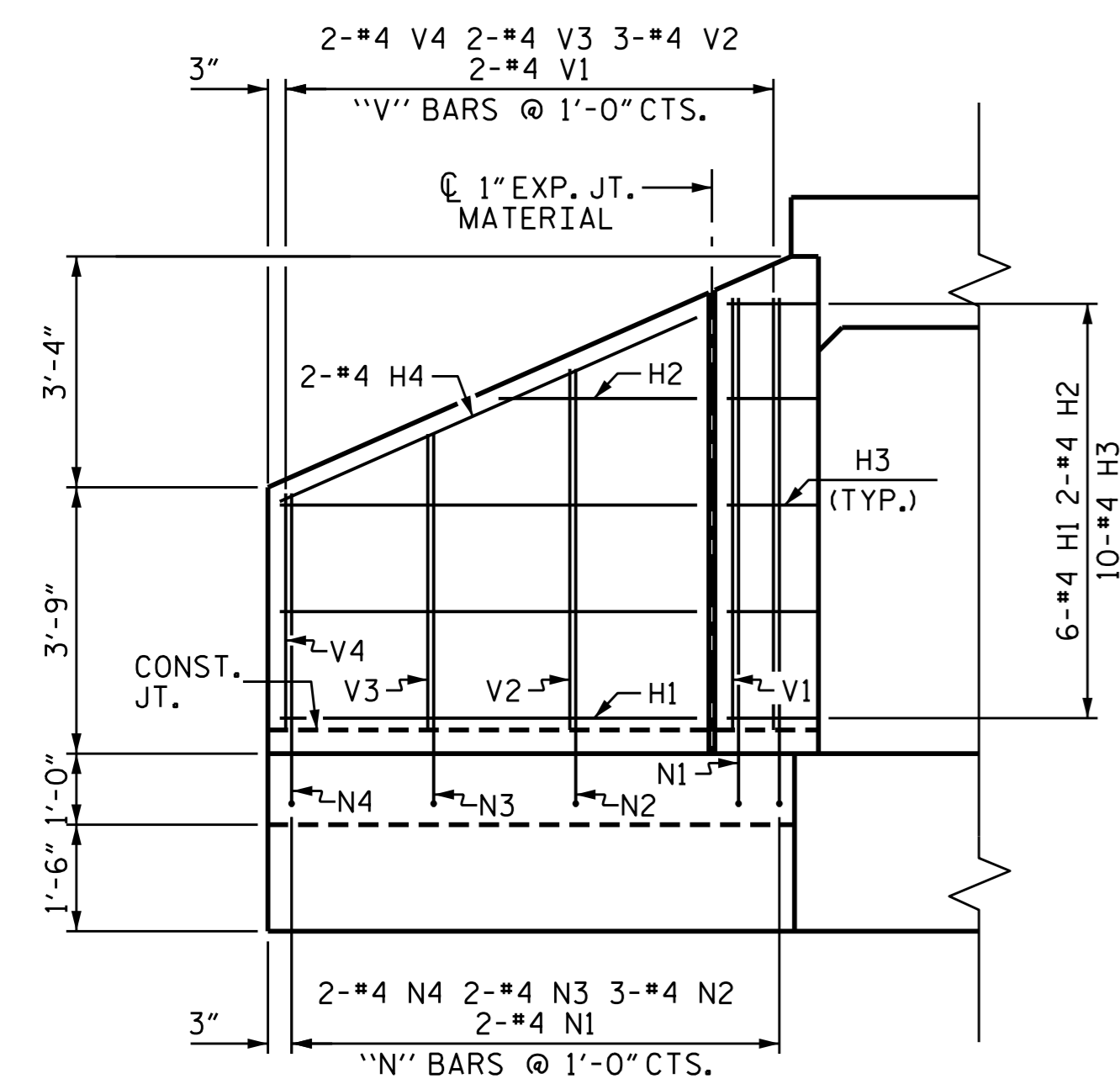


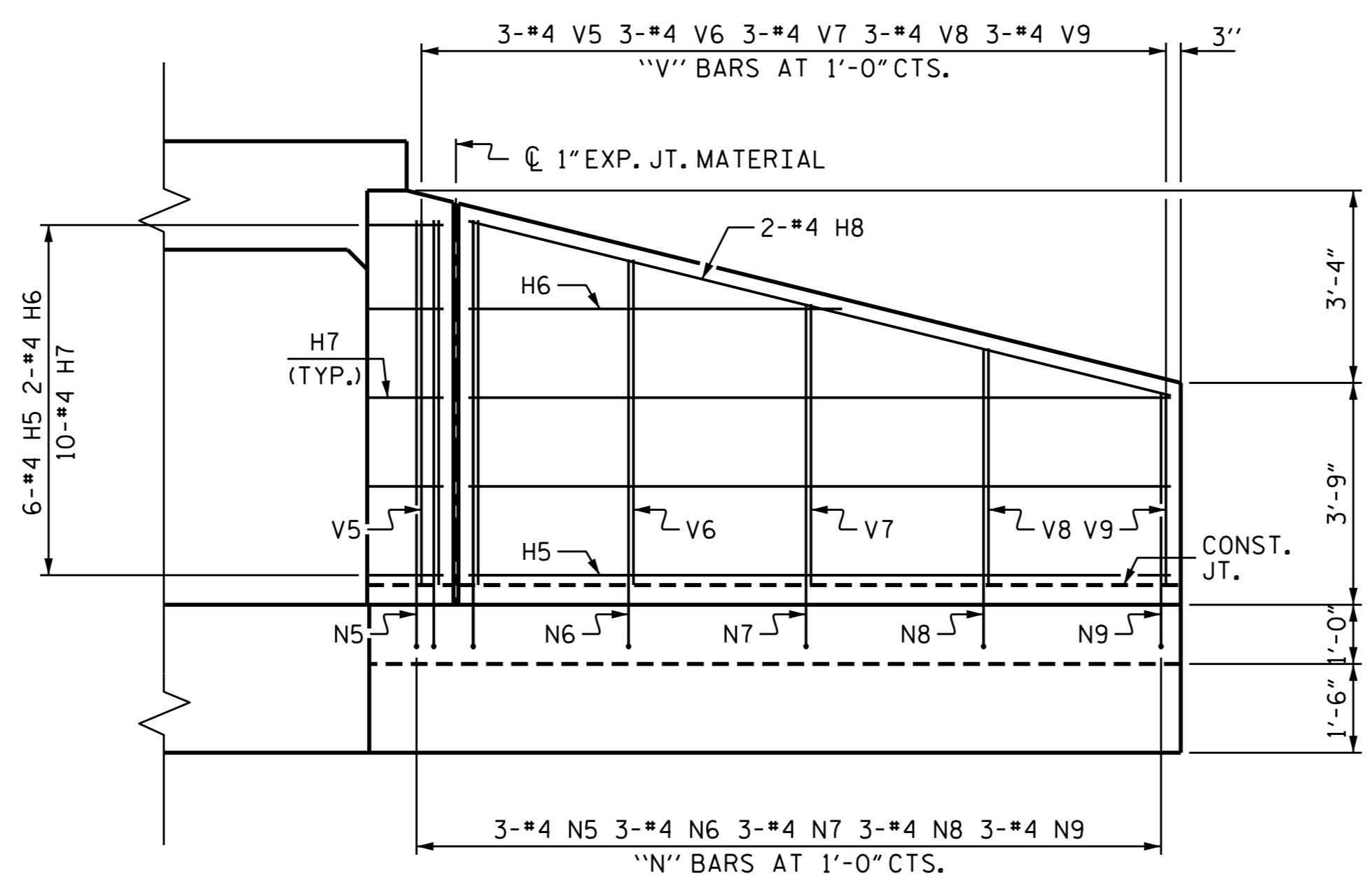
PLAN W1



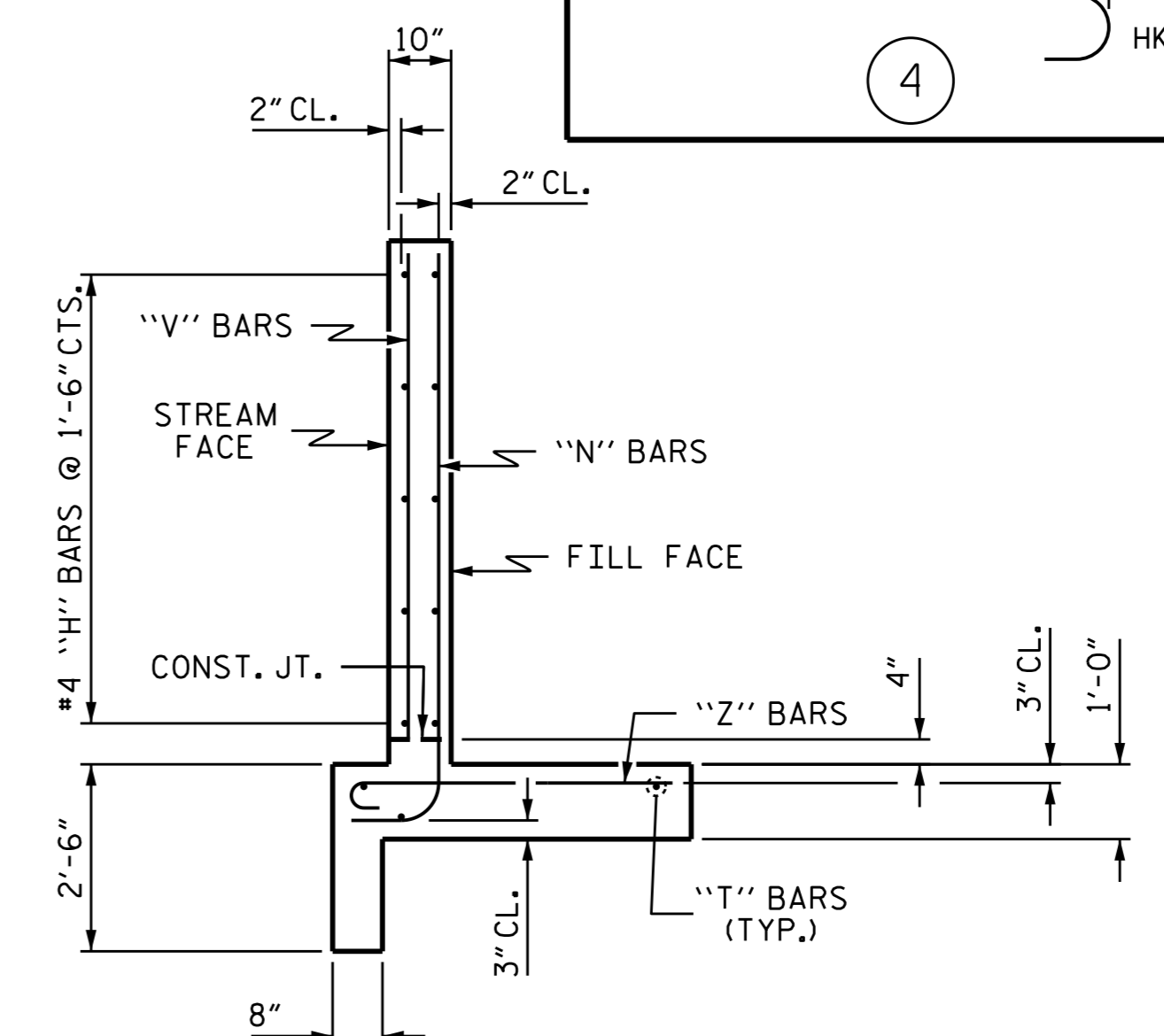
PLAN W2



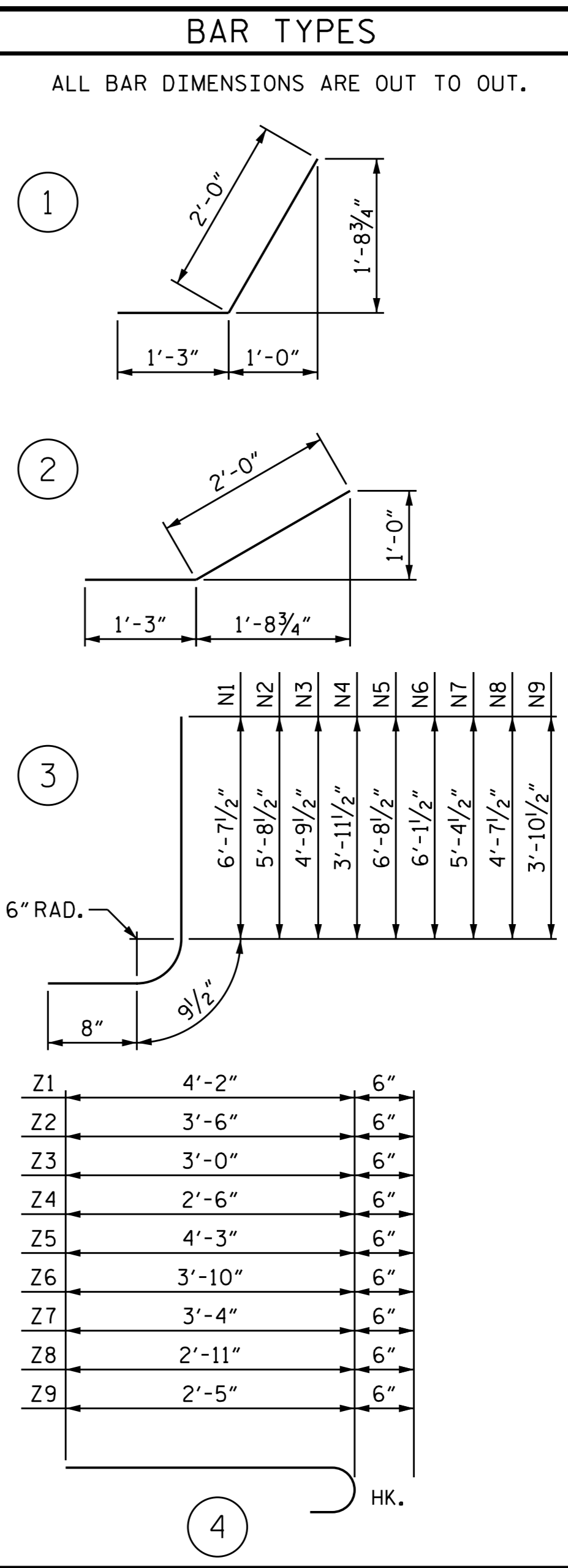
ELEVATION W1



ELEVATION W2



TYPICAL WING SECTION



| BILL OF MATERIAL | | | | | |
|------------------|-----|------|------|---------|--------|
| BAR NO. | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| H1 | 6 | #4 | STR | 5'-10" | 23 |
| H2 | 2 | #4 | STR | 2'-9" | 4 |
| H3 | 10 | #4 | 1 | 3'-3" | 22 |
| H4 | 2 | #4 | STR | 6'-5" | 9 |
| H5 | 6 | #4 | STR | 11'-10" | 47 |
| H6 | 2 | #4 | STR | 6'-3" | 8 |
| H7 | 10 | #4 | 2 | 3'-3" | 22 |
| H8 | 2 | #4 | STR | 12'-2" | 16 |
| N1 | 2 | #4 | 3 | 8'-1" | 11 |
| N2 | 3 | #4 | 3 | 7'-2" | 14 |
| N3 | 2 | #4 | 3 | 6'-3" | 8 |
| N4 | 2 | #4 | 3 | 5'-5" | 7 |
| N5 | 3 | #4 | 3 | 8'-2" | 16 |
| N6 | 3 | #4 | 3 | 7'-7" | 15 |
| N7 | 3 | #4 | 3 | 6'-10" | 14 |
| N8 | 3 | #4 | 3 | 6'-1" | 12 |
| N9 | 3 | #4 | 3 | 5'-4" | 11 |
| T1 | 3 | #5 | STR | 7'-9" | 24 |
| T2 | 3 | #5 | STR | 13'-9" | 43 |
| V1 | 2 | #4 | STR | 6'-1" | 8 |
| V2 | 3 | #4 | STR | 5'-1" | 10 |
| V3 | 2 | #4 | STR | 4'-2" | 6 |
| V4 | 2 | #4 | STR | 3'-4" | 4 |
| V5 | 3 | #4 | STR | 6'-2" | 12 |
| V6 | 3 | #4 | STR | 5'-6" | 11 |
| V7 | 3 | #4 | STR | 4'-9" | 10 |
| V8 | 3 | #4 | STR | 4'-0" | 8 |
| V9 | 3 | #4 | STR | 3'-3" | 7 |
| Z1 | 2 | #4 | 4 | 4'-8" | 6 |
| Z2 | 3 | #4 | 4 | 4'-0" | 8 |
| Z3 | 2 | #4 | 4 | 3'-6" | 5 |
| Z4 | 2 | #4 | 4 | 3'-0" | 4 |
| Z5 | 3 | #4 | 4 | 4'-9" | 10 |
| Z6 | 3 | #4 | 4 | 4'-4" | 9 |
| Z7 | 3 | #4 | 4 | 3'-10" | 8 |
| Z8 | 3 | #4 | 4 | 3'-5" | 7 |
| Z9 | 3 | #4 | 4 | 2'-11" | 6 |

| | |
|-------------------------------|----------------|
| REINFORCING STEEL FOR 2 WINGS | 465 LBS |
| CLASS A CONCRETE | |
| 2 WINGS | 7.2 CY |
| 1 HEADWALL | 1.0 CY |
| 1 END CURTAIN WALL | 1.2 CY |
| 2 EDGE BEAMS | 1.6 CY |
| TOTAL | 11.0 CY |

PROJECT NO. R-2915A
WATAUGA/ASHE COUNTY
 STATION: 66+11.00 -L-

SHEET 8 OF 9
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
STANDARD WINGS FOR CONCRETE BOX CULVERT
 H = 6'-0" SLOPE = 2:1
 STAGE I OR II
 68°-00'-00" SKEW



| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | C-8 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 20 |

ASSEMBLED BY: V.X. NGUYEN DATE: 1-26-15
 CHECKED BY: H.T. BARBOUR DATE: 5-1-15
 DRAWN BY: CCJ 11/99
 CHECKED BY: RWW 03/00