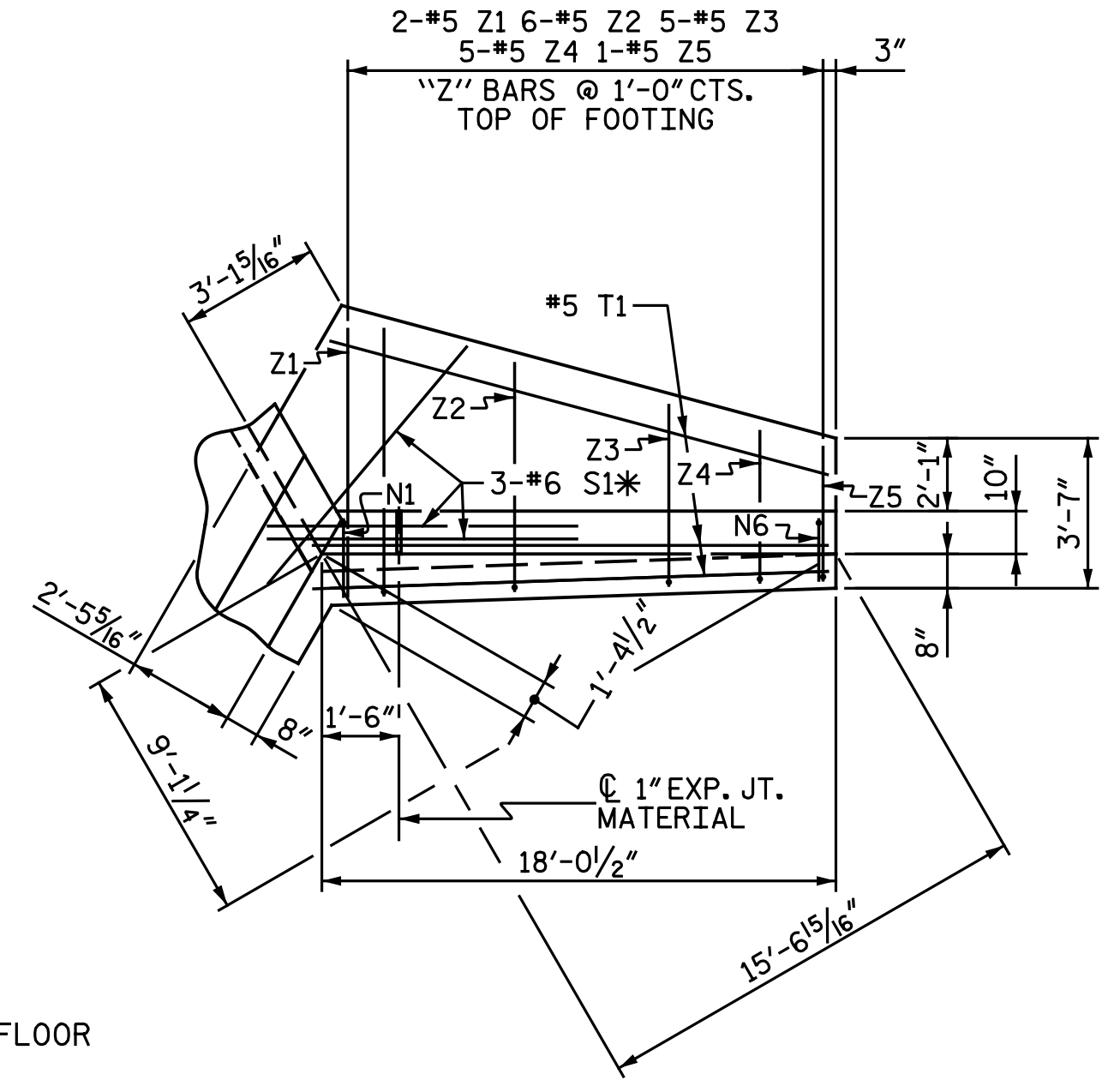
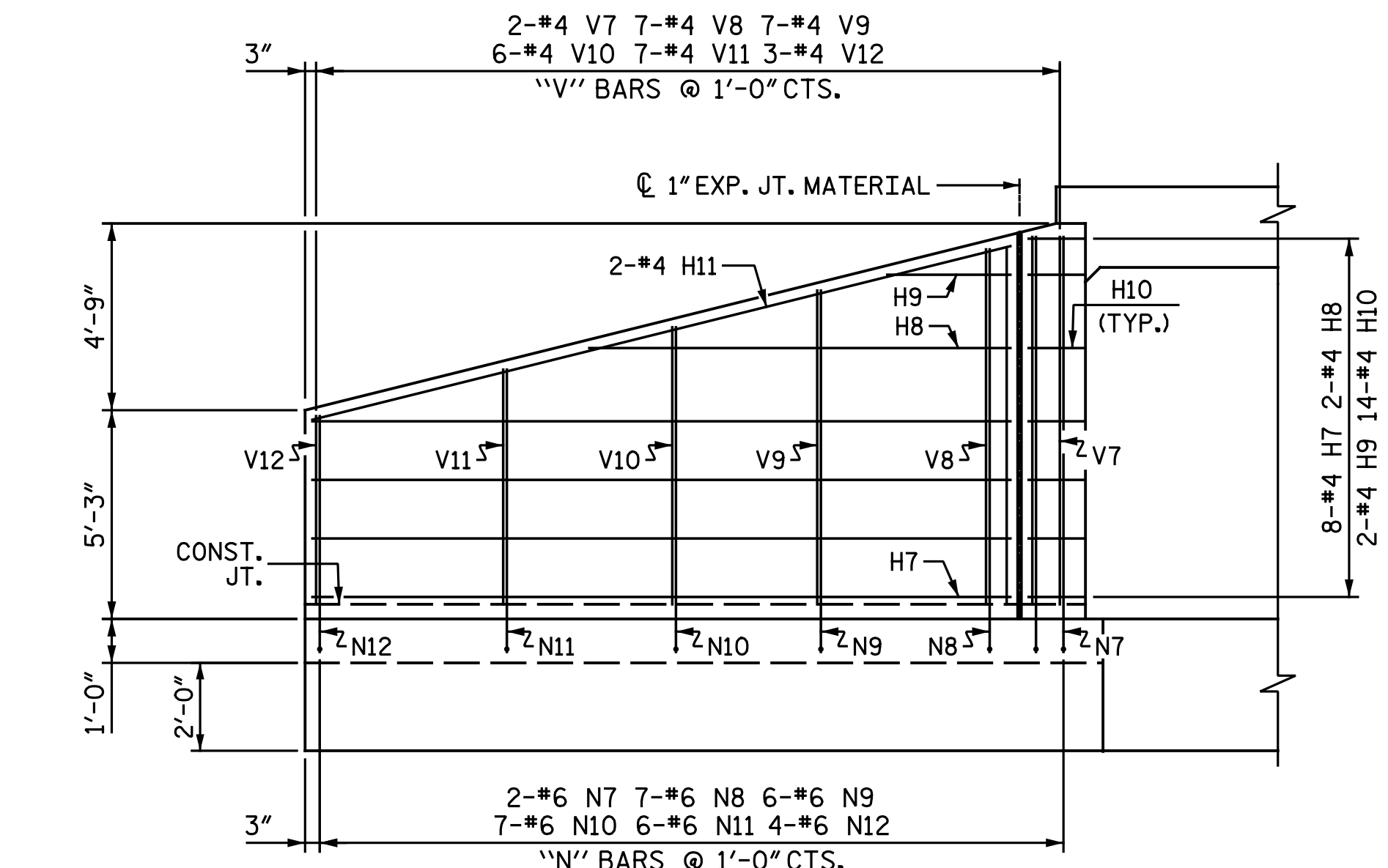


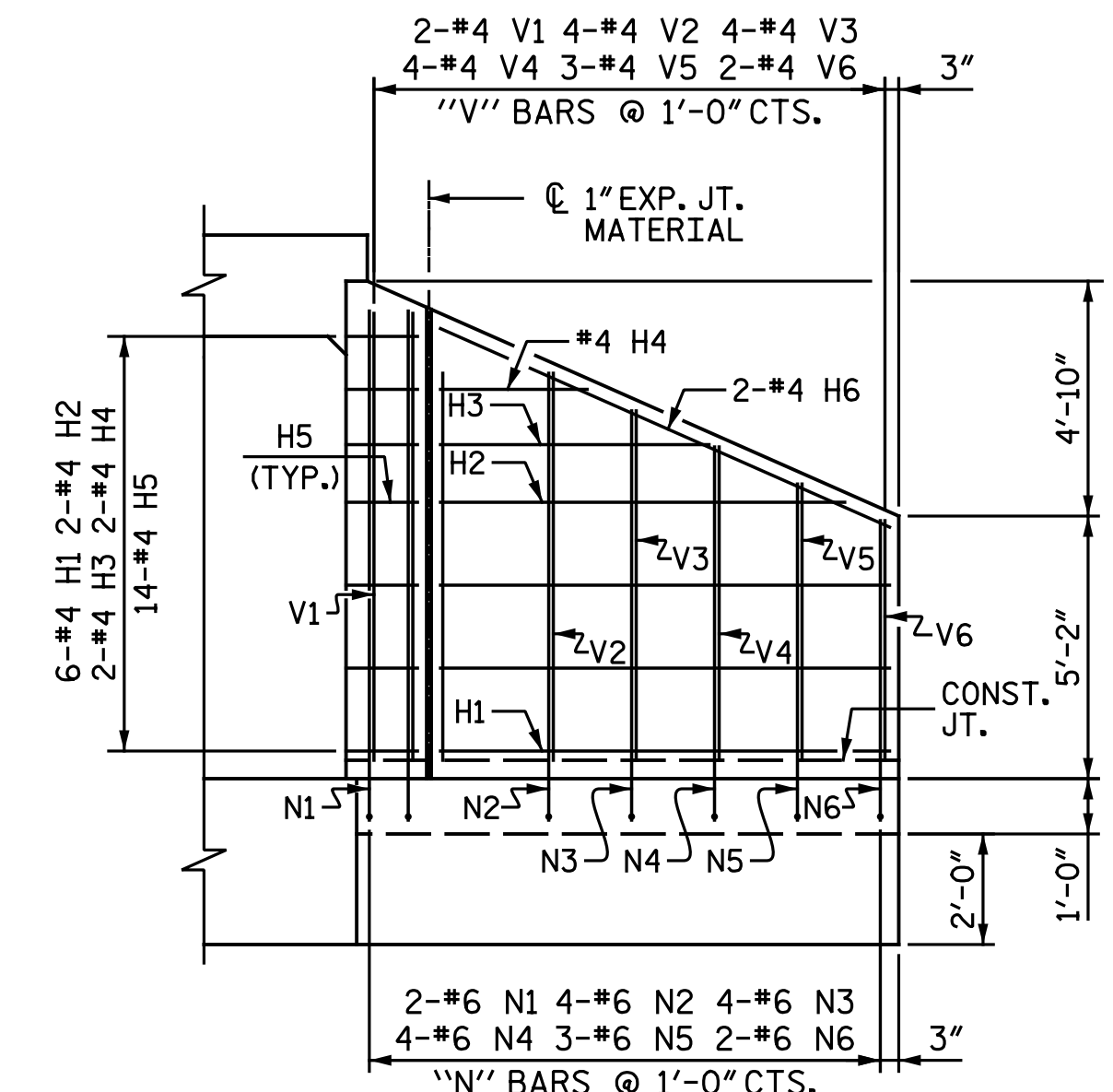
PLAN W1



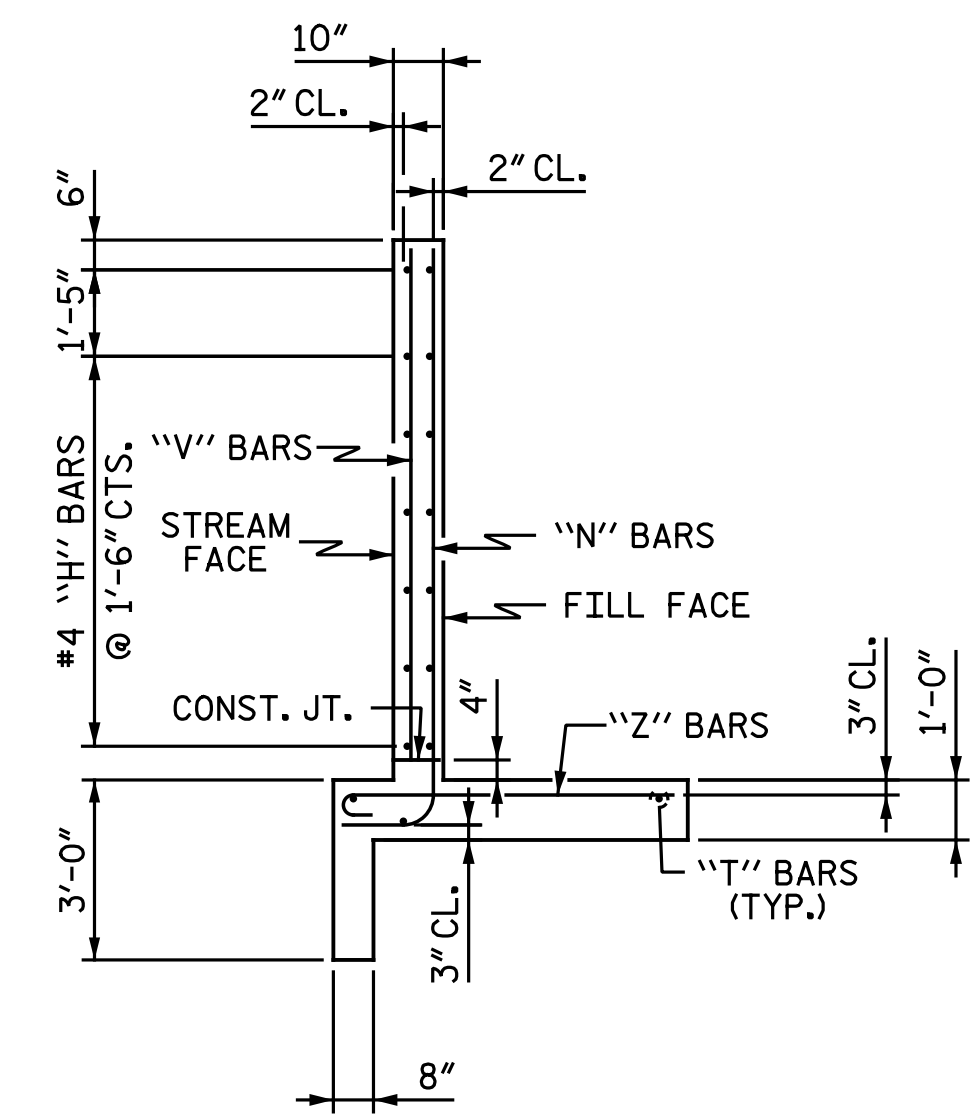
PLAN W2



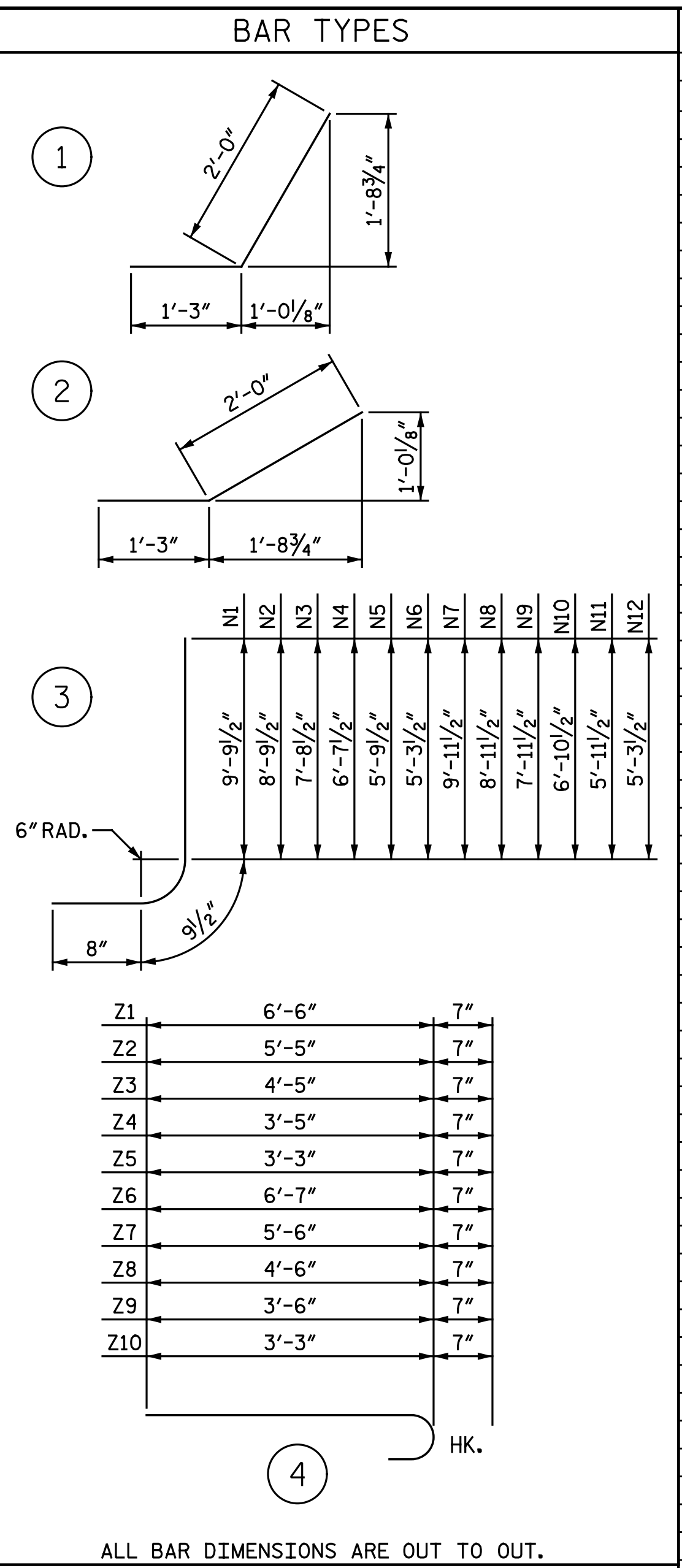
ELEVATION W1



ELEVATION W2



TYPICAL WING SECTION

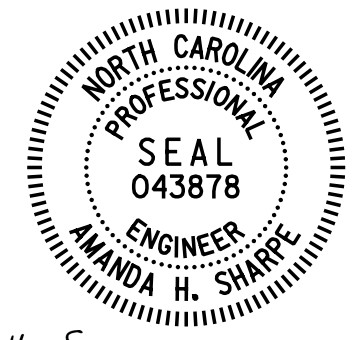


ALL BAR DIMENSIONS ARE OUT TO OUT.

| BILL OF MATERIAL | | | | | |
|------------------|-----|------|------|----------|--------|
| BAR NO. | NO. | SIZE | TYPE | LENGTH | WEIGHT |
| H1 | 12 | #4 | STR. | 16' - 2" | 130 |
| H2 | 4 | #4 | STR. | 16' - 0" | 43 |
| H3 | 4 | #4 | STR. | 10' - 6" | 28 |
| H4 | 4 | #4 | STR. | 5' - 0" | 13 |
| H5 | 28 | #4 | 1 | 3' - 3" | 61 |
| H6 | 4 | #4 | STR. | 16' - 9" | 45 |
| H7 | 16 | #4 | STR. | 29' - 2" | 312 |
| H8 | 4 | #4 | STR. | 19' - 8" | 53 |
| H9 | 4 | #4 | STR. | 10' - 1" | 27 |
| H10 | 28 | #4 | 2 | 3' - 3" | 61 |
| H11 | 4 | #4 | STR. | 29' - 6" | 79 |
| N1 | 4 | #6 | 3 | 11' - 3" | 68 |
| N2 | 8 | #6 | 3 | 10' - 3" | 123 |
| N3 | 8 | #6 | 3 | 9' - 2" | 110 |
| N4 | 8 | #6 | 3 | 8' - 1" | 97 |
| N5 | 6 | #6 | 3 | 7' - 3" | 65 |
| N6 | 4 | #6 | 3 | 6' - 9" | 41 |
| N7 | 4 | #6 | 3 | 11' - 5" | 69 |
| N8 | 14 | #6 | 3 | 10' - 5" | 219 |
| N9 | 12 | #6 | 3 | 9' - 5" | 170 |
| N10 | 14 | #6 | 3 | 8' - 4" | 175 |
| N11 | 12 | #6 | 3 | 7' - 5" | 134 |
| N12 | 8 | #6 | 3 | 6' - 9" | 81 |
| S1 | 12 | #6 | STR. | 6' - 0" | 108 |
| T1 | 6 | #5 | STR. | 17' - 8" | 111 |
| T2 | 6 | #5 | STR. | 30' - 7" | 191 |
| V1 | 4 | #4 | STR. | 9' - 3" | 25 |
| V2 | 8 | #4 | STR. | 8' - 3" | 44 |
| V3 | 8 | #4 | STR. | 7' - 2" | 38 |
| V4 | 8 | #4 | STR. | 6' - 1" | 33 |
| V5 | 6 | #4 | STR. | 5' - 3" | 21 |
| V6 | 4 | #4 | STR. | 4' - 8" | 12 |
| V7 | 4 | #4 | STR. | 9' - 4" | 25 |
| V8 | 14 | #4 | STR. | 8' - 4" | 78 |
| V9 | 14 | #4 | STR. | 7' - 3" | 68 |
| V10 | 12 | #4 | STR. | 6' - 4" | 51 |
| V11 | 14 | #4 | STR. | 5' - 3" | 49 |
| V12 | 6 | #4 | STR. | 4' - 9" | 19 |
| Z1 | 4 | #5 | 4 | 7' - 1" | 30 |
| Z2 | 12 | #5 | 4 | 6' - 0" | 75 |
| Z3 | 10 | #5 | 4 | 5' - 0" | 52 |
| Z4 | 10 | #5 | 4 | 4' - 0" | 42 |
| Z5 | 2 | #5 | 4 | 3' - 10" | 8 |
| Z6 | 4 | #5 | 4 | 7' - 2" | 30 |
| Z7 | 20 | #5 | 4 | 6' - 1" | 127 |
| Z8 | 18 | #5 | 4 | 5' - 1" | 95 |
| Z9 | 18 | #5 | 4 | 4' - 1" | 77 |
| Z10 | 4 | #5 | 4 | 3' - 10" | 16 |

| REINFORCING STEEL FOR 4 WINGS | | LBS. |
|-------------------------------|-------------|-------------|
| CLASS A CONCRETE | | |
| 4 WINGS | C.Y. | 49.6 |
| 2 HEADWALLS | C.Y. | 2.8 |
| 2 END CURTAIN WALLS | C.Y. | 3.8 |
| TOTAL | C.Y. | 56.2 |

PROJECT NO. I-5878
HARNETT COUNTY
 STATION: 1042+08.93 -L-



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
WINGS FOR CONCRETE BOX CULVERT
 H = 9'-0" SLOPE = 3:1
 119°-24'-07" SKEW

DRAWN BY: M. D. MAYHEW DATE: 1-31-20
 CHECKED BY: A. H. SHARPE DATE: 4-7-20

| REVISIONS | | | | | | SHEET NO. | |
|-----------|-----|-------|-----|-----|-------|--------------|--|
| NO. | BY: | DATE: | NO. | BY: | DATE: | C2-7 | |
| 1 | | | 3 | | | TOTAL SHEETS | |
| 2 | | | 4 | | | 8 | |

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