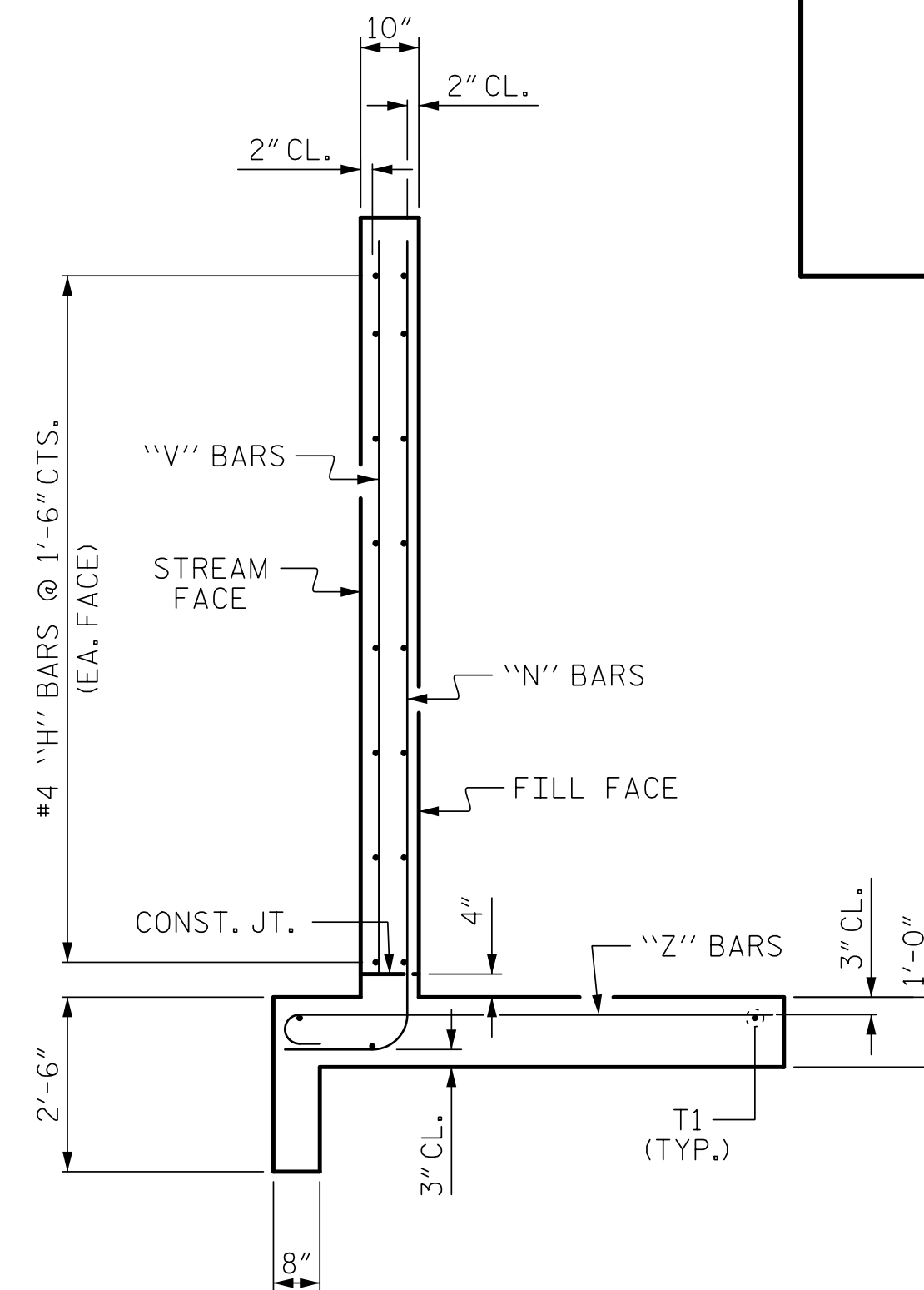
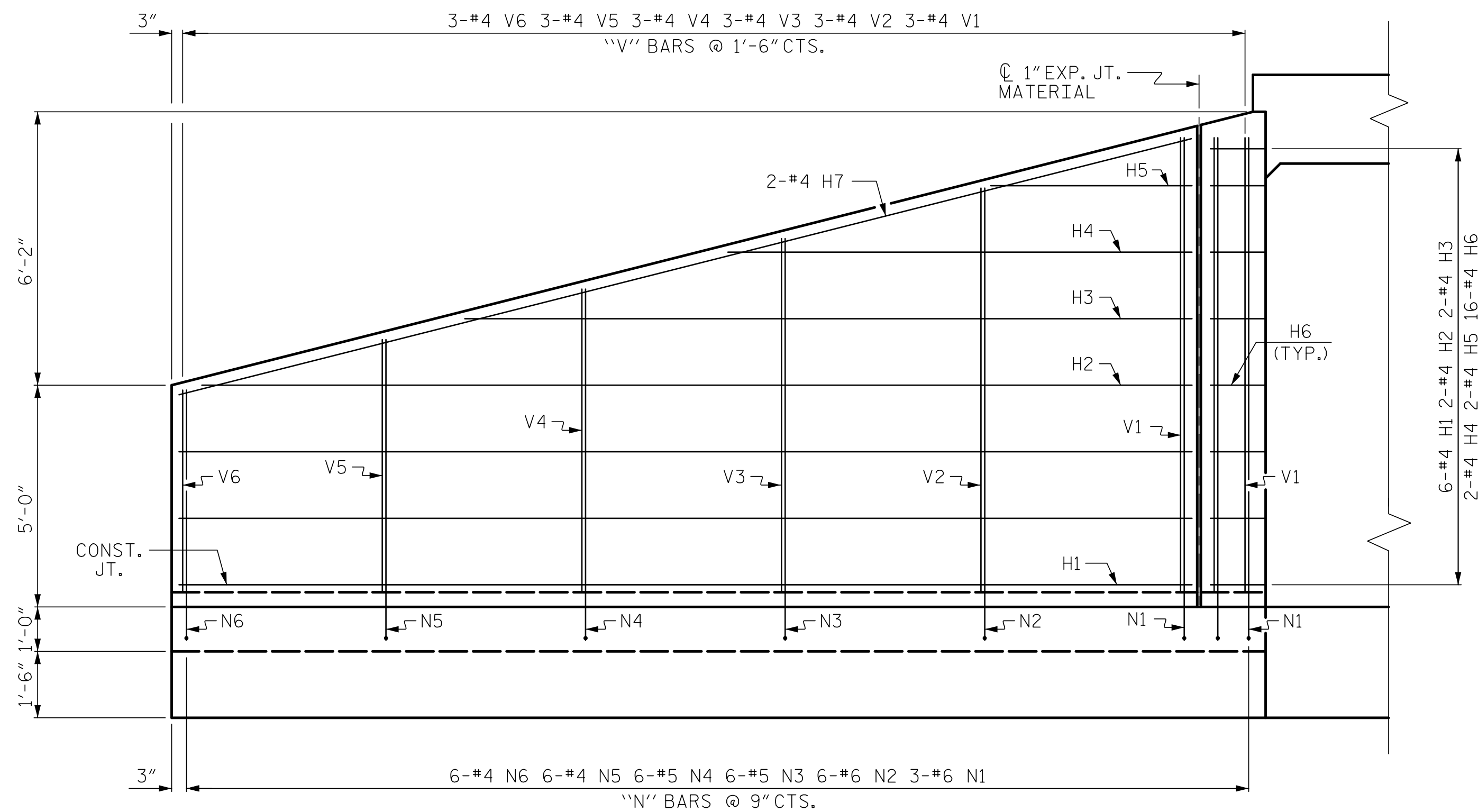
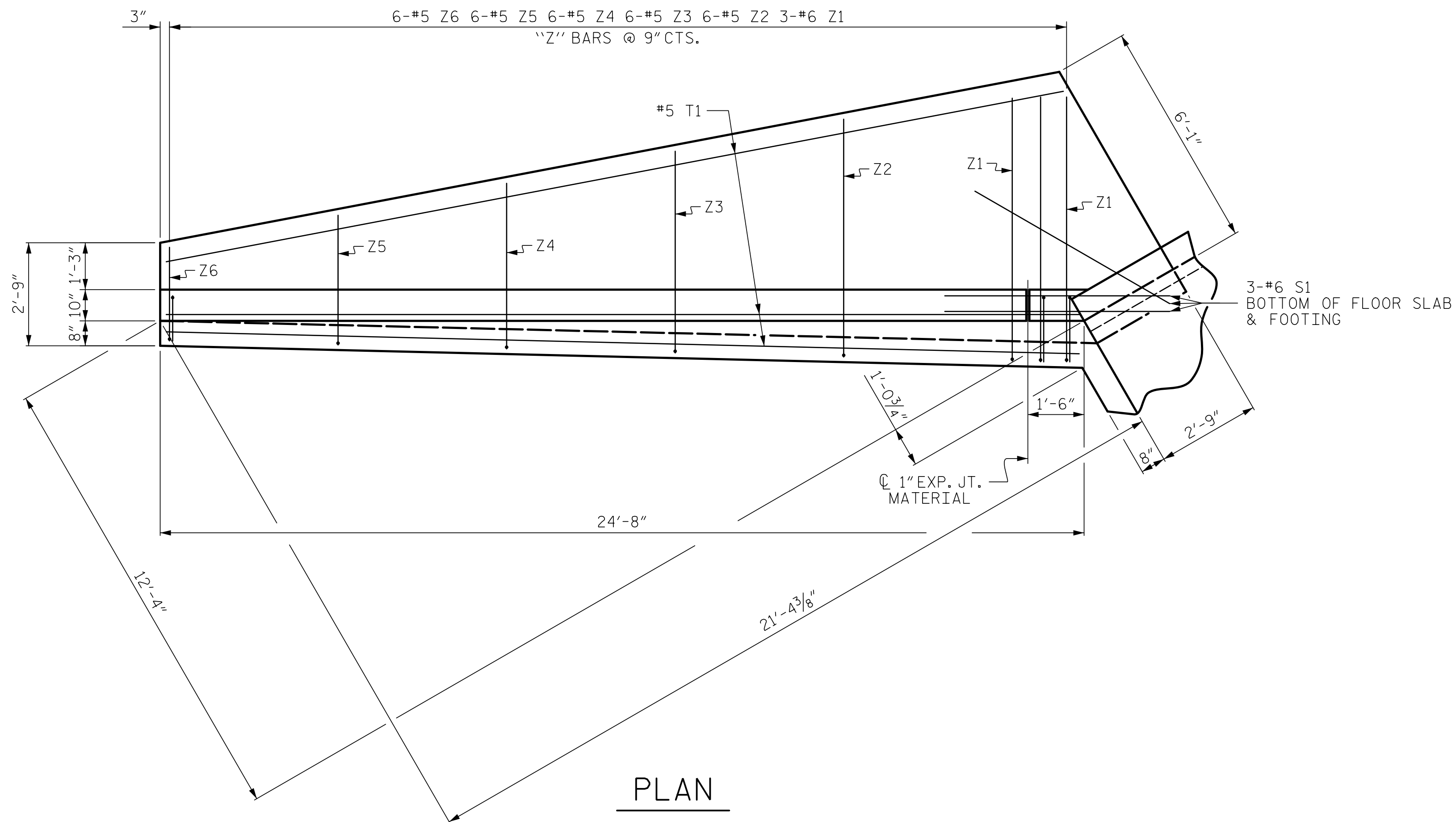
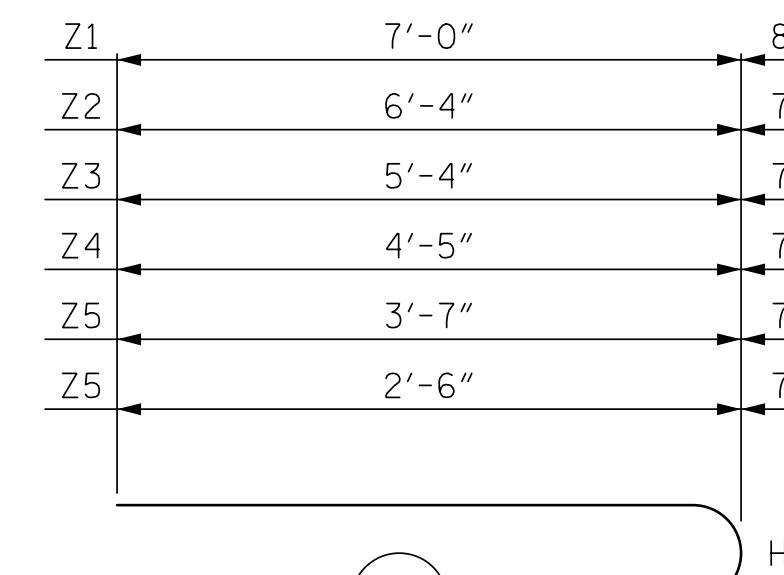
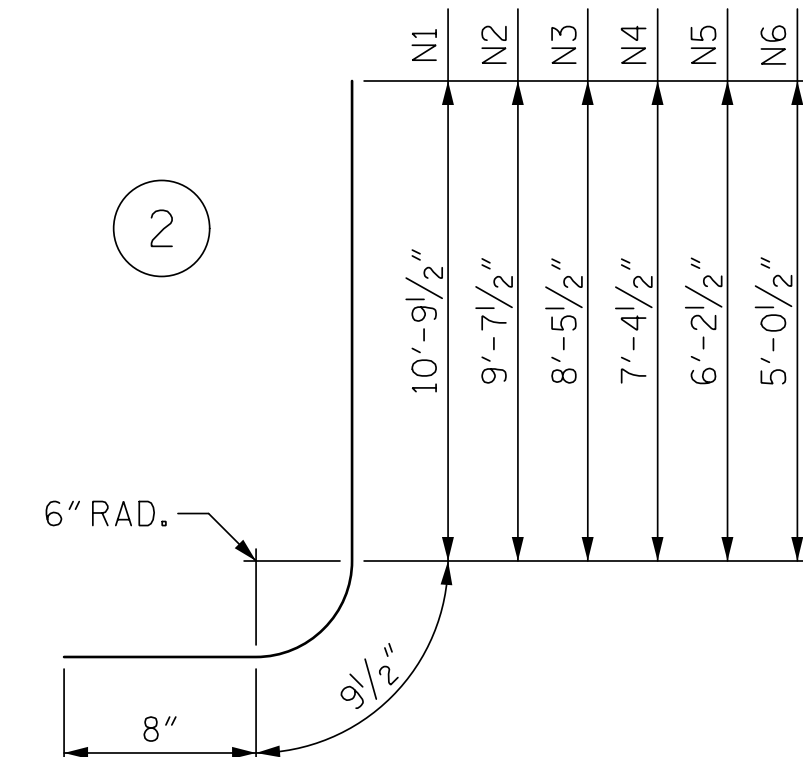
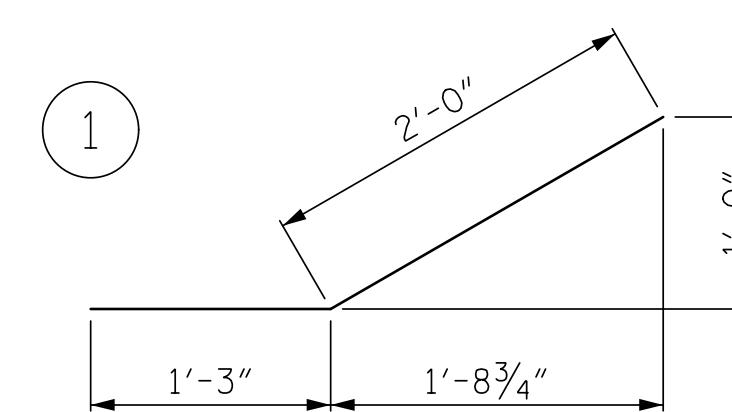




## BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

## BILL OF MATERIAL

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|-----|-----|------|------|--------|--------|
| H1  | 12  | #4   | STR  | 22'-9" | 182    |
| H2  | 4   | #4   | STR  | 22'-3" | 59     |
| H3  | 4   | #4   | STR  | 16'-4" | 44     |
| H4  | 4   | #4   | STR  | 10'-5" | 28     |
| H5  | 4   | #4   | STR  | 4'-6"  | 12     |
| H6  | 32  | #4   | 1    | 3'-3"  | 69     |
| H7  | 4   | #4   | STR  | 23'-6" | 63     |
|     |     |      |      |        |        |
| N1  | 6   | #6   | 2    | 12'-3" | 110    |
| N2  | 12  | #6   | 2    | 11'-1" | 200    |
| N3  | 12  | #5   | 2    | 9'-11" | 124    |
| N4  | 12  | #5   | 2    | 8'-10" | 111    |
| N5  | 12  | #4   | 2    | 7'-8"  | 111    |
| N6  | 12  | #4   | 2    | 6'-6"  | 62     |
|     |     |      |      |        |        |
| S1  | 6   | #6   | STR  | 6'-0"  | 54     |
|     |     |      |      |        |        |
| T1  | 6   | #5   | STR  | 24'-8" | 154    |
|     |     |      |      |        |        |
| V1  | 6   | #4   | STR  | 10'-0" | 40     |
| V2  | 6   | #4   | STR  | 8'-10" | 35     |
| V3  | 6   | #4   | STR  | 7'-9"  | 31     |
| V4  | 6   | #4   | STR  | 6'-7"  | 26     |
| V5  | 6   | #4   | STR  | 5'-6"  | 22     |
| V6  | 6   | #4   | STR  | 4'-6"  | 18     |
|     |     |      |      |        |        |
| Z1  | 6   | #6   | 3    | 7'-8"  | 69     |
| Z2  | 12  | #5   | 3    | 6'-11" | 87     |
| Z3  | 12  | #5   | 3    | 5'-11" | 74     |
| Z4  | 12  | #5   | 3    | 5'-0"  | 63     |
| Z5  | 12  | #5   | 3    | 4'-2"  | 52     |
| Z6  | 12  | #5   | 3    | 3'-1"  | 39     |

|                                  |          |
|----------------------------------|----------|
| REINFORCING STEEL<br>FOR 2 WINGS | 1879 LBS |
|----------------------------------|----------|

|                  |         |
|------------------|---------|
| CLASS A CONCRETE |         |
| 2 WINGS          | 24.7 CY |
| 1 HEADWALL       | 0.8 CY  |
| END CURTAIN WALL | 1.0 CY  |
| TOTAL            | 26.5 CY |

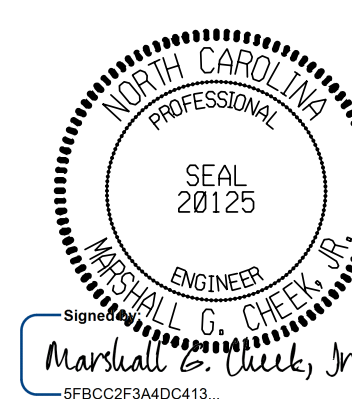
## NOTES

G1 BARS IN HEADWALL ARE INCLUDED WITH THE BARREL  
REINFORCING STEEL.

A 3 FOOT STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.

PROJECT NO. R-5739  
NORTHAMPTON COUNTY  
 STATION: 499+65.60 -L-

SHEET 9 OF 9



7/23/2025

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

OUTLET WINGS  
FOR  
CONCRETE BOX CULVERT  
H = 10'-0" SLOPE = 3:1  
RIGHT EXTENSION

|    |           |     |       |     |     |       |              |
|----|-----------|-----|-------|-----|-----|-------|--------------|
|    | REVISIONS |     |       |     |     |       | SHEET NO.    |
|    | NO.       | BY: | DATE: | NO. | BY: | DATE: | C5-9         |
| ET | 1         |     |       | 3   |     |       | TOTAL SHEETS |
| 75 | 2         |     |       | 4   |     |       | 9            |

STR. #5

|                |           |           |         |
|----------------|-----------|-----------|---------|
| ASSEMBLED BY : | STM       | DATE :    | 09/22   |
| CHECKED BY :   | MGC       | DATE :    | 01/23   |
| DRAWN BY :     | CCJ 10/99 | REV. 6/19 | MAA/THC |
| CHECKED BY :   | RWW 03/00 |           |         |

3/27/2023  
X:\NCDOT\NR-5739\Structures\Str. #5 (499 + 65.60 -L-)\FinalPlans\DGNS\NR-5739-SMU-CU-STR 5\_9.dgn  
User:ZSmith