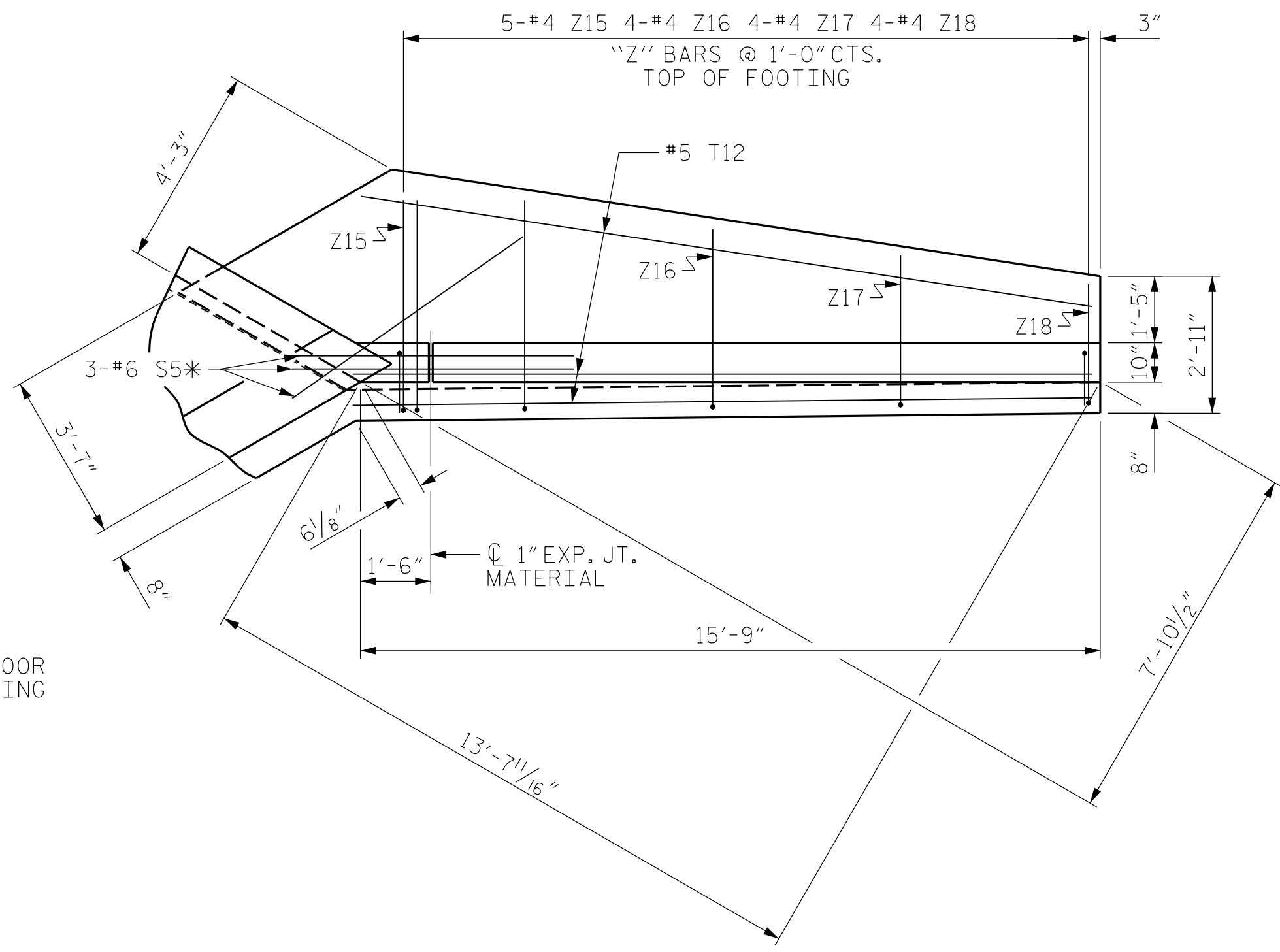
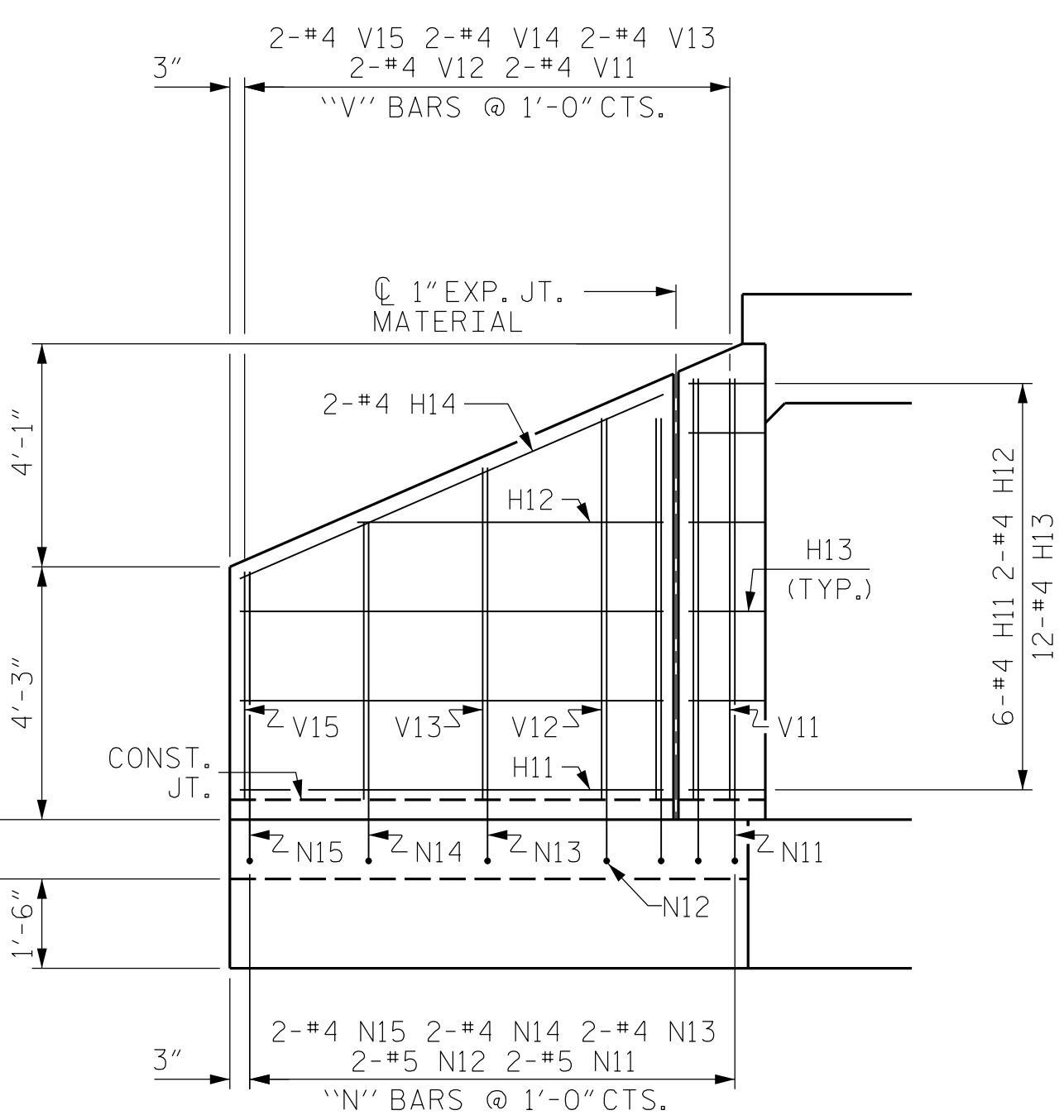


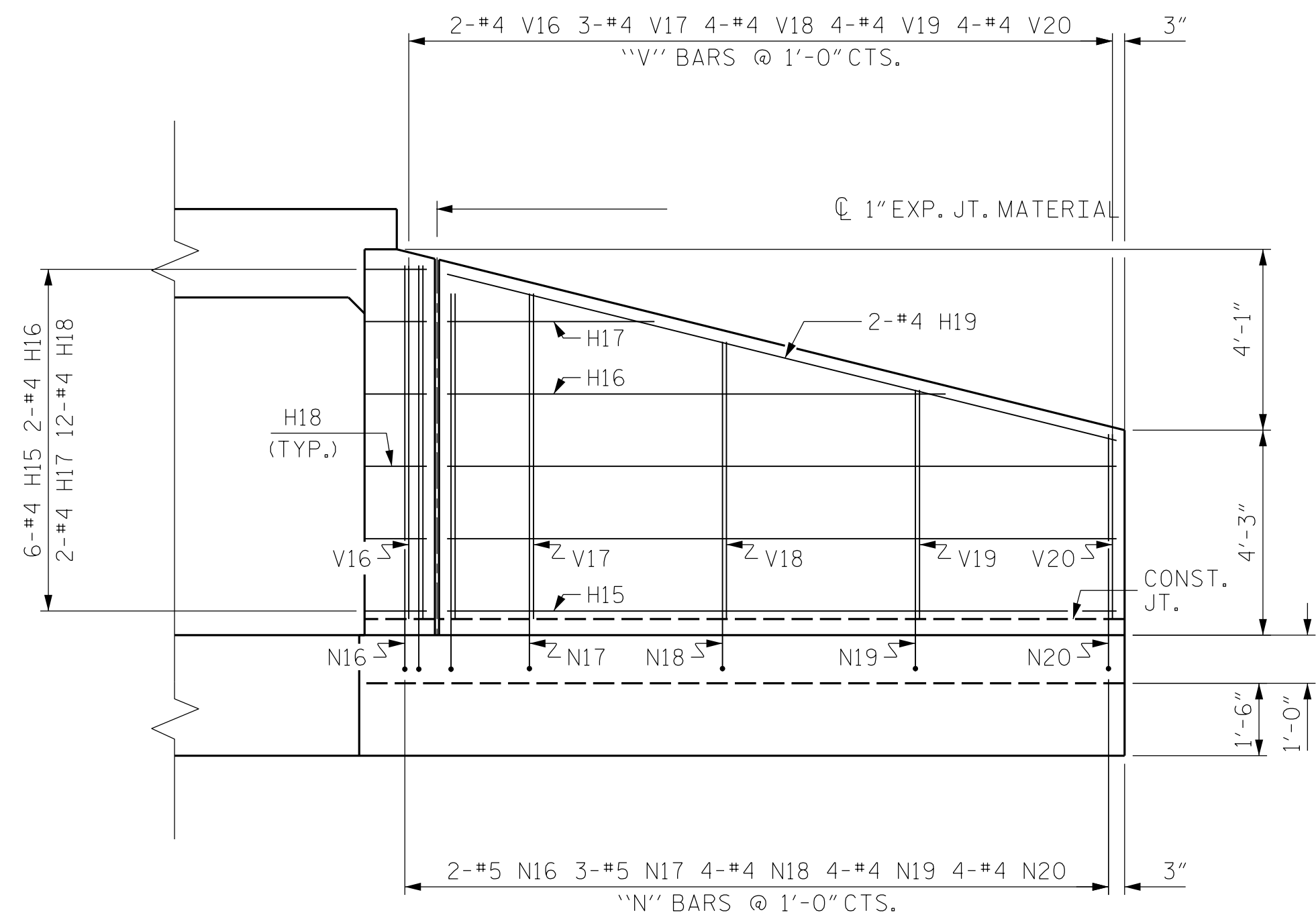
PLAN W3



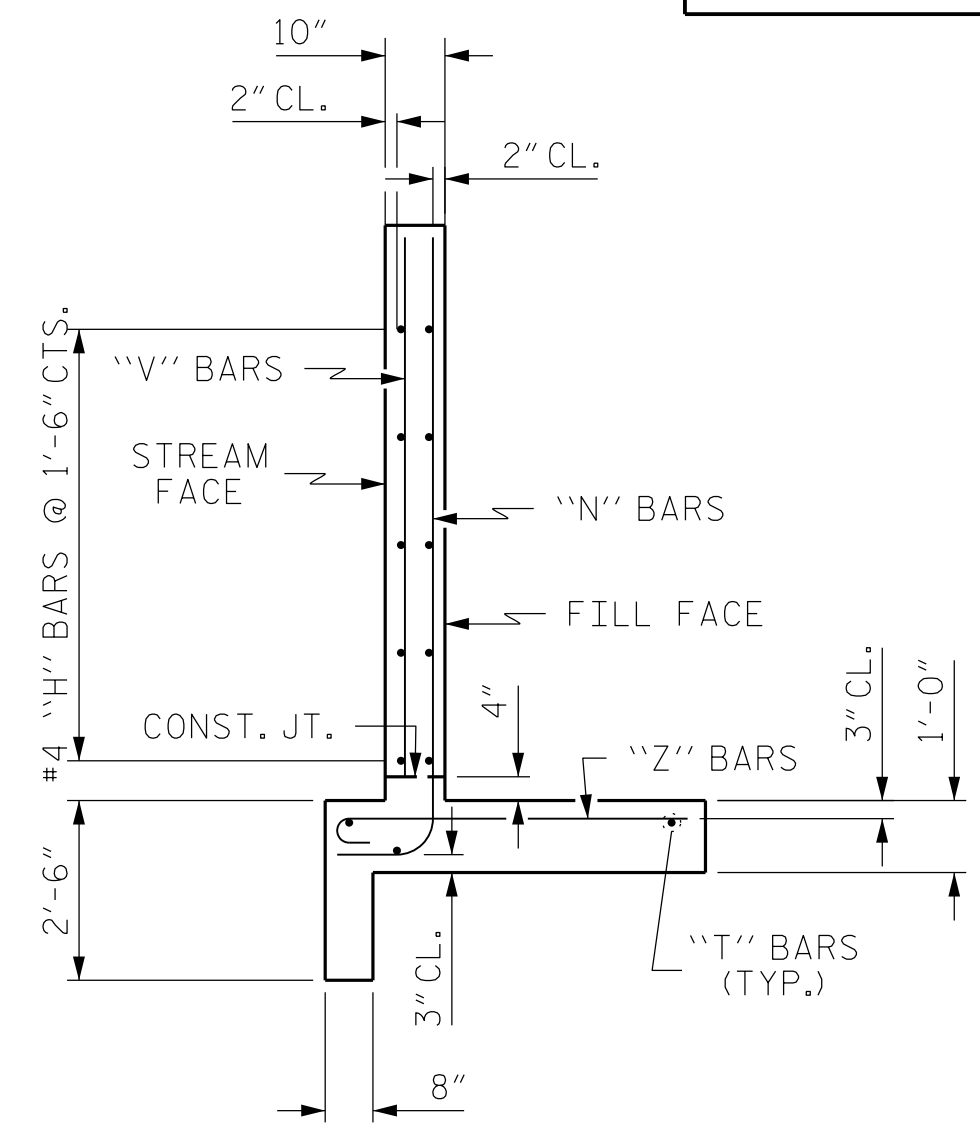
PLAN W2



ELEVATION W3



ELEVATION W2



TYPICAL WING SECTION

BAR TYPES
ALL BAR DIMENSIONS ARE OUT TO OUT.

1: 2'-0" x 1'-8 3/4" x 1'-3" x 1'-0"

2: 2'-0" x 1'-0" x 1'-3" x 1'-8 3/4"

3: 6" RAD. x 8" x 9 1/2" x 7'-7 1/2" x 7'-0 1/2" x 6'-1 1/2" x 5'-3 1/2" x 4'-4 1/2" x 7'-4 1/2" x 6'-4 1/2" x 5'-4 1/2" x 4'-4 1/2"

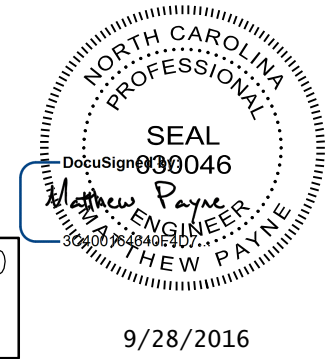
4: HK. x 4'-9" x 4'-3" x 3'-5" x 2'-7" x 4'-6" x 3'-10" x 3'-3" x 2'-7"

BILL OF MATERIAL					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
H11	6	#4	STR	7'-1"	28
H12	2	#4	STR	5'-2"	7
H13	12	#4	1	3'-3"	26
H14	2	#4	STR	7'-9"	10
H15	6	#4	STR	13'-10"	55
H16	2	#4	STR	10'-4"	14
H17	2	#4	STR	4'-3"	6
H18	12	#4	2	3'-3"	26
H19	2	#4	STR	14'-3"	19
N11	2	#5	3	9'-1"	19
N12	2	#5	3	8'-6"	18
N13	2	#4	3	7'-7"	10
N14	2	#4	3	6'-9"	9
N15	2	#4	3	5'-10"	8
N16	2	#5	3	9'-4"	19
N17	3	#5	3	8'-10"	28
N18	4	#4	3	7'-10"	21
N19	4	#4	3	6'-10"	18
N20	4	#4	3	5'-10"	16
S5	6	#6	STR	6'-0"	54
T11	3	#5	STR	9'-0"	28
T12	3	#5	STR	15'-9"	49
V11	2	#4	STR	7'-1"	9
V12	2	#4	STR	6'-5"	9
V13	2	#4	STR	5'-7"	7
V14	2	#4	STR	4'-8"	6
V15	2	#4	STR	3'-10"	5
V16	2	#4	STR	7'-4"	10
V17	3	#4	STR	6'-9"	14
V18	4	#4	STR	5'-9"	15
V19	4	#4	STR	4'-9"	13
V20	4	#4	STR	3'-10"	10
Z11	2	#4	4	5'-3"	7
Z12	2	#4	4	4'-9"	6
Z13	3	#4	4	3'-11"	8
Z14	3	#4	4	3'-1"	6
Z15	5	#4	4	5'-0"	17
Z16	4	#4	4	4'-4"	12
Z17	4	#4	4	3'-9"	10
Z18	4	#4	4	3'-1"	8
REINFORCING STEEL FOR 2 WINGS					660 LBS
CLASS A CONCRETE					
2 WINGS					9.9 CY
1 HEADWALLS					1.4 CY
1 END CURTAIN WALLS					2.6 CY
TOTAL					14.1 CY

PROJECT NO. 17BP.3.R.28
NEW HANOVER COUNTY
STATION: 14+60.69 -L-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD WINGS
FOR
CONCRETE BOX CULVERT
H = 7'-0" SLOPE = 2:1
60° SKEW



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

9/28/2016

ASSEMBLED BY : C. DESROCHERS
CHECKED BY : M. PAYNE
DATE : MAY 2014
DATE : MAY 2014

DRAWN BY : CCJ 11/99
CHECKED BY : RWW 03/00

ATKINS 1616 E. MILLBROOK ROAD, SUITE #310
RALEIGH, NORTH CAROLINA 27609
(919) 876-6888 NCBES #F-0326

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	C-9	
1			3			TOTAL SHEETS	
2			4			11	

STD. NO. CW6007