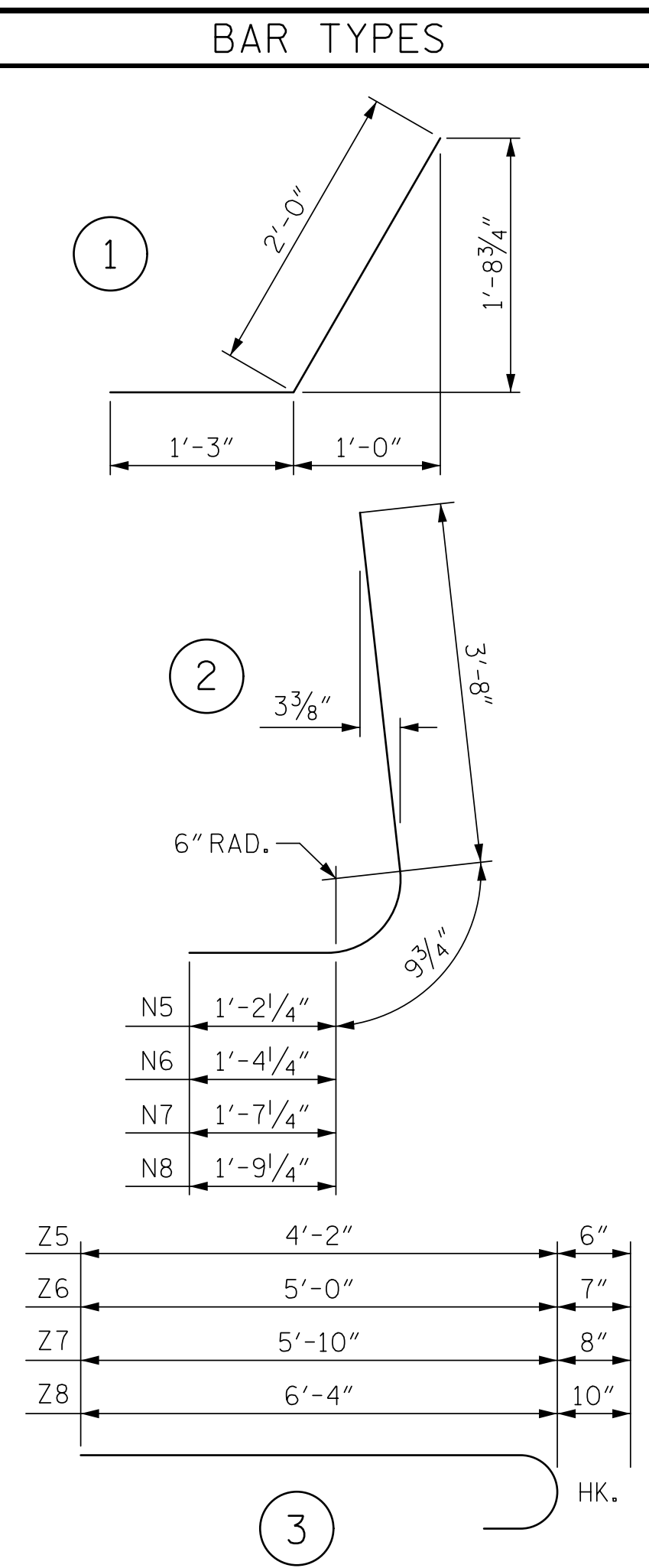


PLAN W2

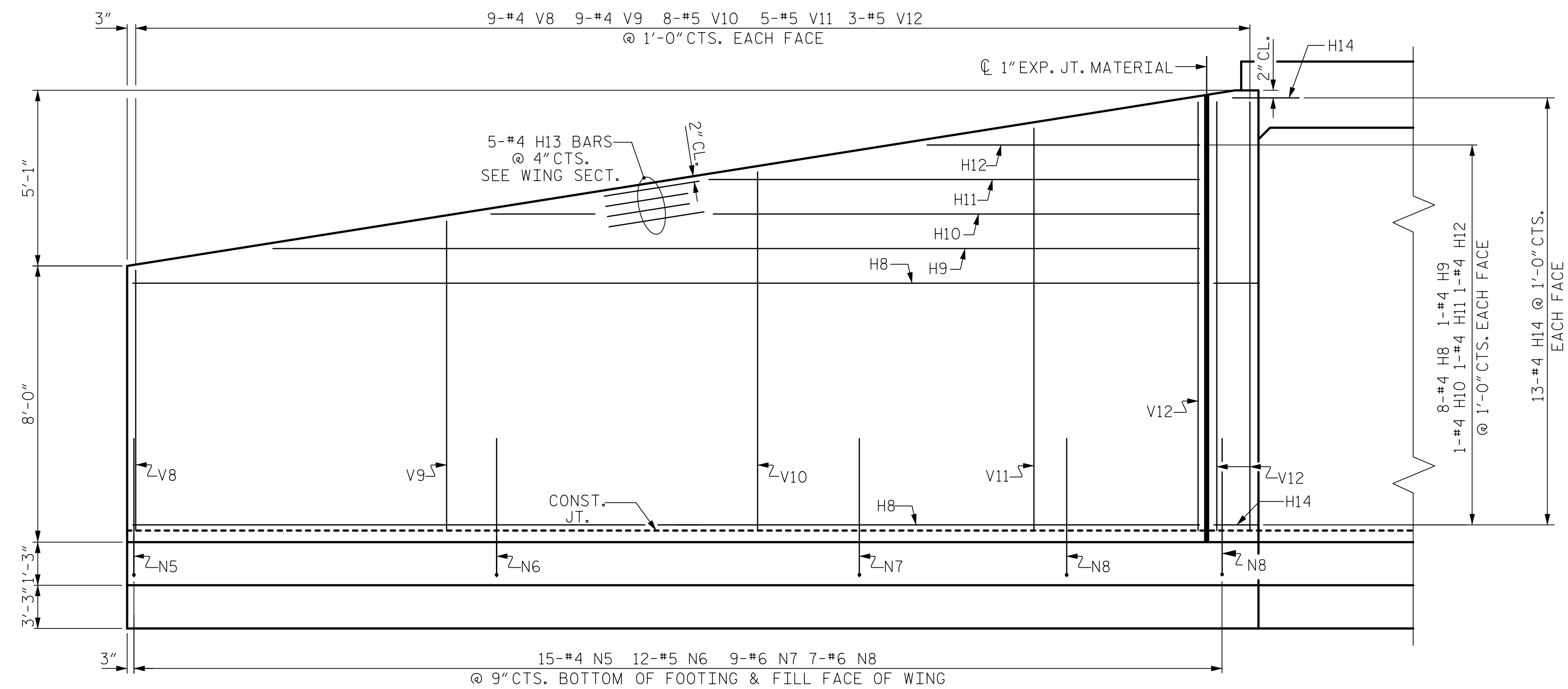
NOTES:
 A 3 FOOT STRIP OF FILTER FABRIC SHALL BE ATTACHED TO THE FILL FACE OF THE WING COVERING THE ENTIRE LENGTH OF THE EXPANSION JOINT.
 G1 BARS IN HEADWALL ARE INCLUDED WITH THE BARREL REINFORCING STEEL.



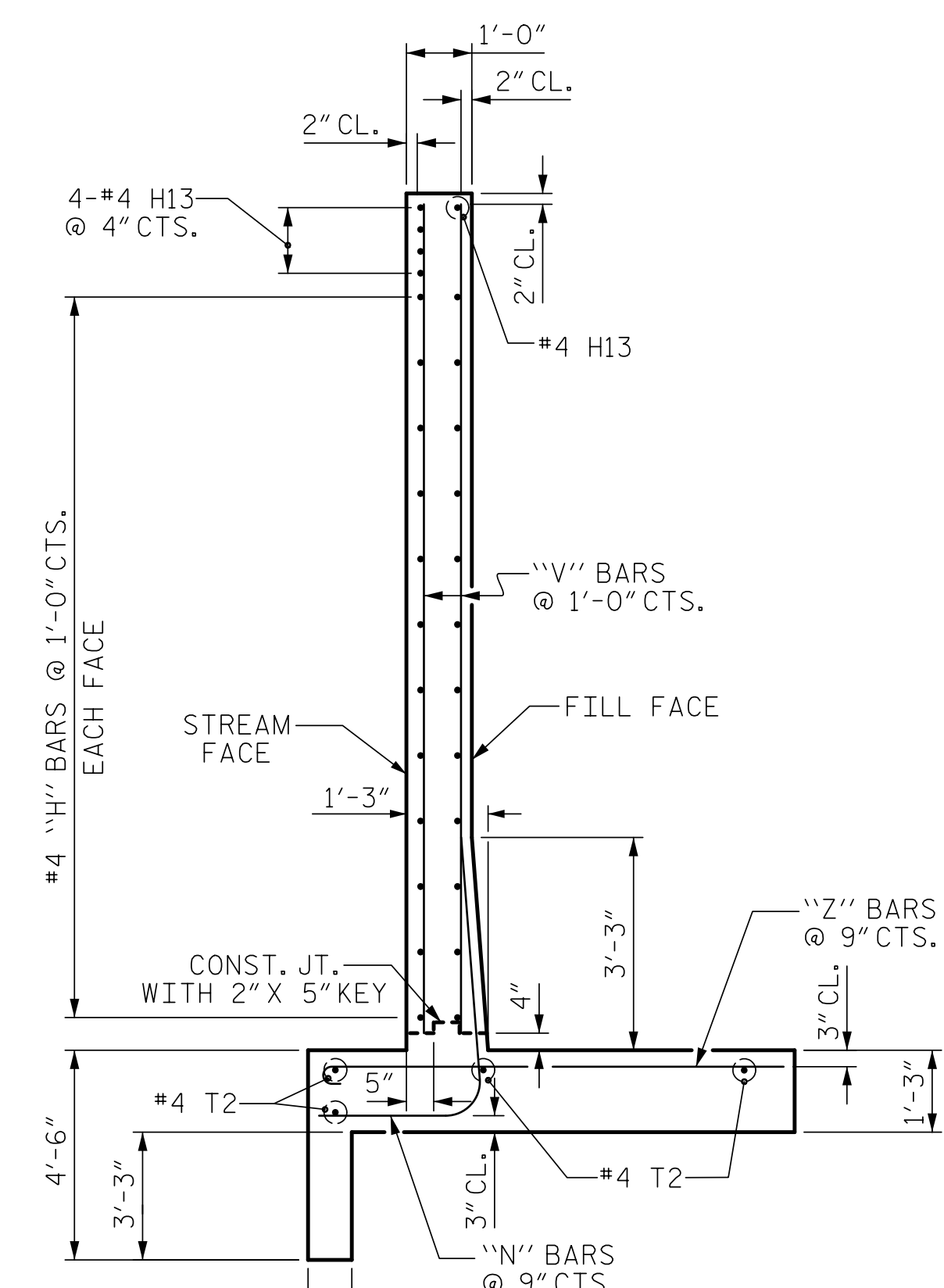
ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
H8	16	#4	STR	30'-10"	330
H9	2	#4	STR	26'-9"	36
H10	2	#4	STR	20'-6"	27
H11	2	#4	STR	14'-2"	19
H12	2	#4	STR	7'-10"	10
H13	5	#4	STR	31'-3"	104
H14	26	#4	1	3'-3"	56
N5	15	#4	2	5'-8"	57
N6	12	#5	2	5'-10"	73
N7	9	#6	2	6'-1"	82
N8	7	#6	2	6'-3"	66
S1	3	#6	STR	6'-0"	27
T2	4	#4	STR	32'-9"	88
V8	18	#4	STR	7'-6"	90
V9	18	#4	STR	8'-11"	107
V10	16	#5	STR	10'-4"	172
V11	10	#5	STR	11'-7"	121
V12	6	#5	STR	12'-4"	77
Z5	14	#4	3	4'-8"	44
Z6	14	#5	3	5'-7"	82
Z7	8	#6	3	6'-6"	78
Z8	7	#7	3	7'-2"	103

REINFORCING STEEL FOR 1 WING	1849 LBS
CLASS A CONCRETE 1 WING	24.9 CY
TOTAL	24.9 CY



ELEVATION W2



TYPICAL WING SECTION

Professional Engineer Seal for North Carolina, Seal 20125, dated 5/10/2022. Includes TGS ENGINEERS logo and contact information: 706 HILLSBOROUGH STREET, SUITE 200, RALEIGH, NC 27603. License No. C-0275.

PROJECT NO. I-5987A
 ROBESON COUNTY
 STATION: 310+73.00 -L-

SHEET 14 OF 14
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 WING 2 FOR CONCRETE BOX CULVERT

DRAWN BY :	ZCS	DATE :	10/21
CHECKED BY :	MGC	DATE :	1/22
DESIGN ENGINEER OF RECORD:	ZCS	DATE :	1/22

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C11-14
1			3			TOTAL SHEETS
2			4			14