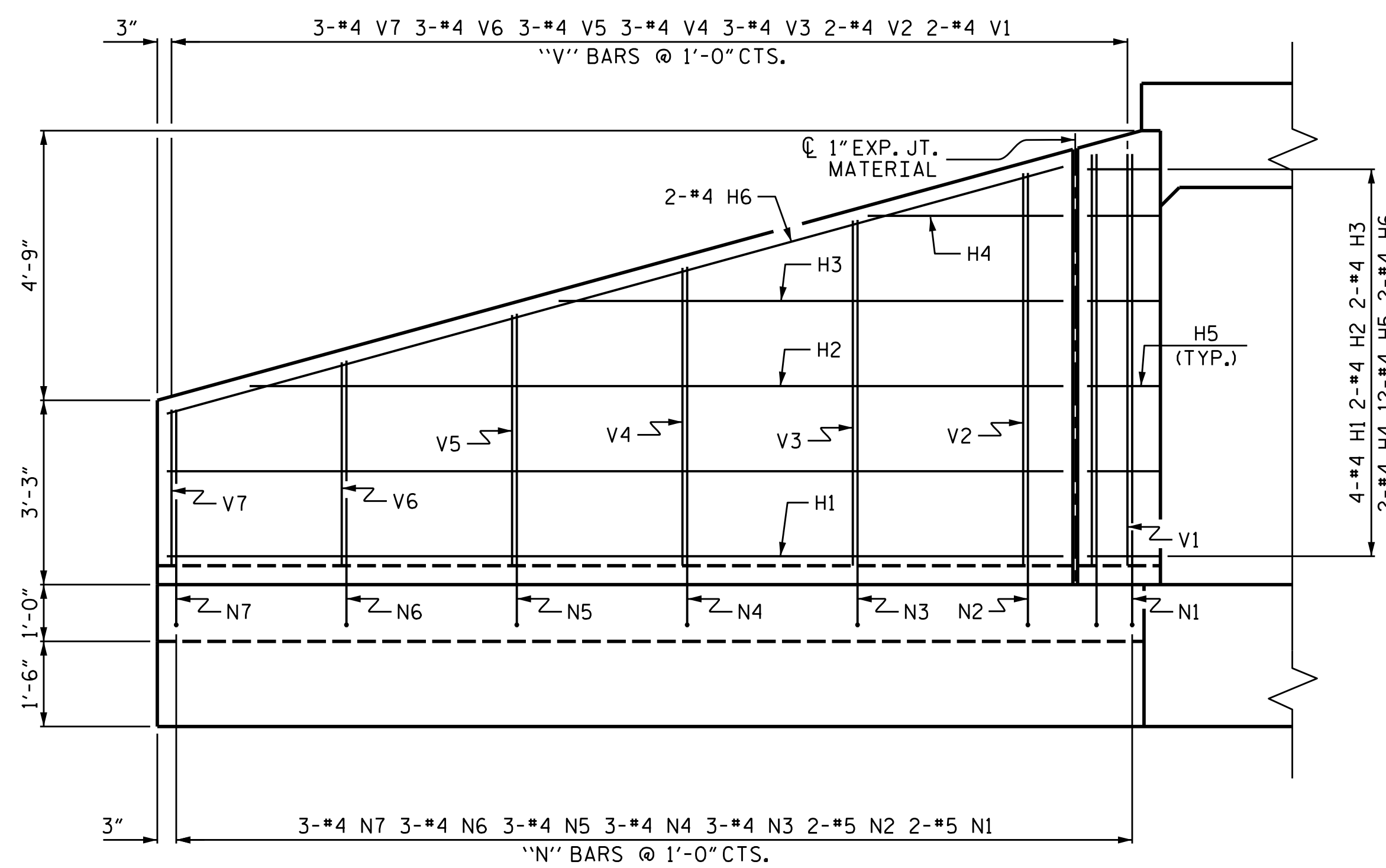
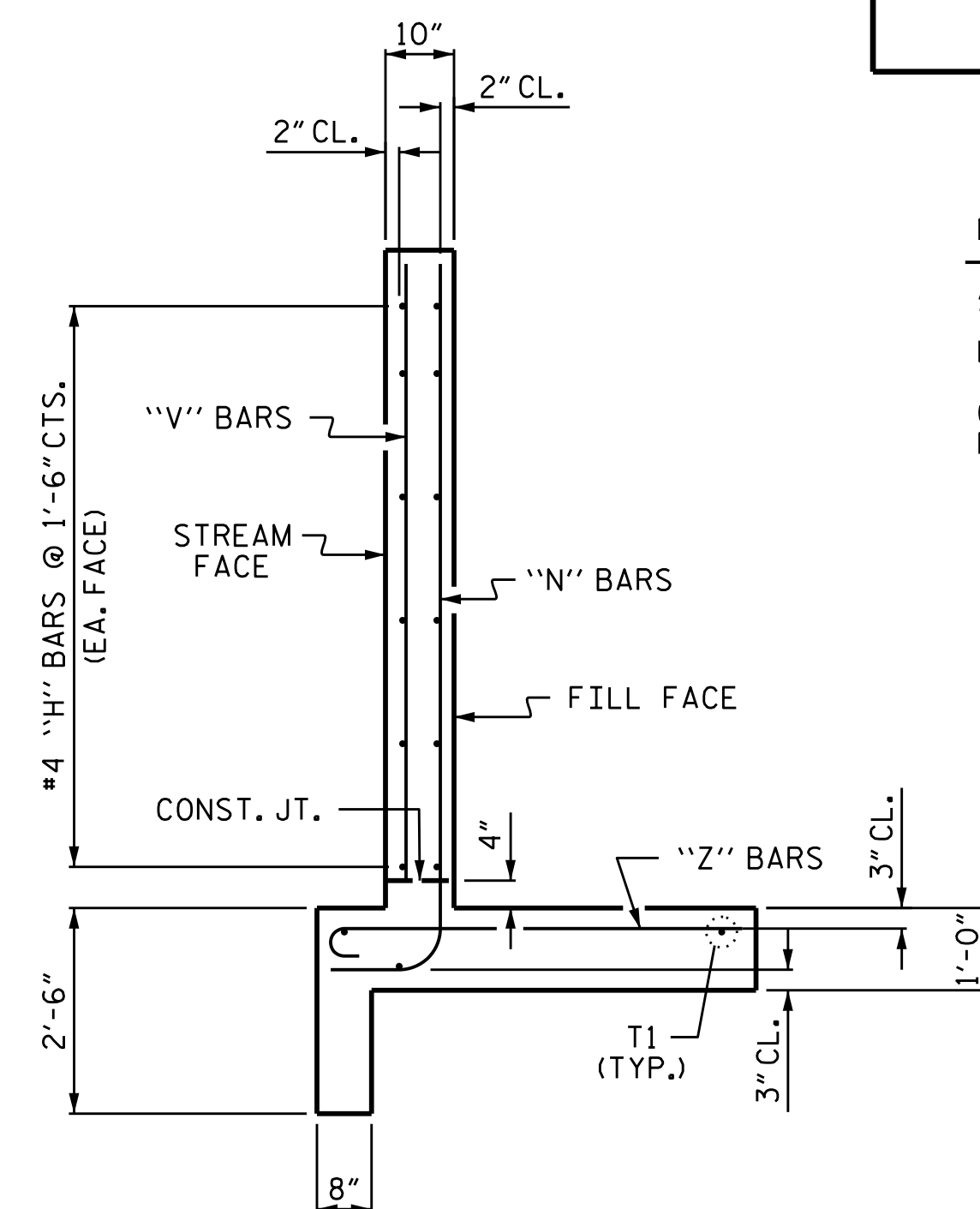


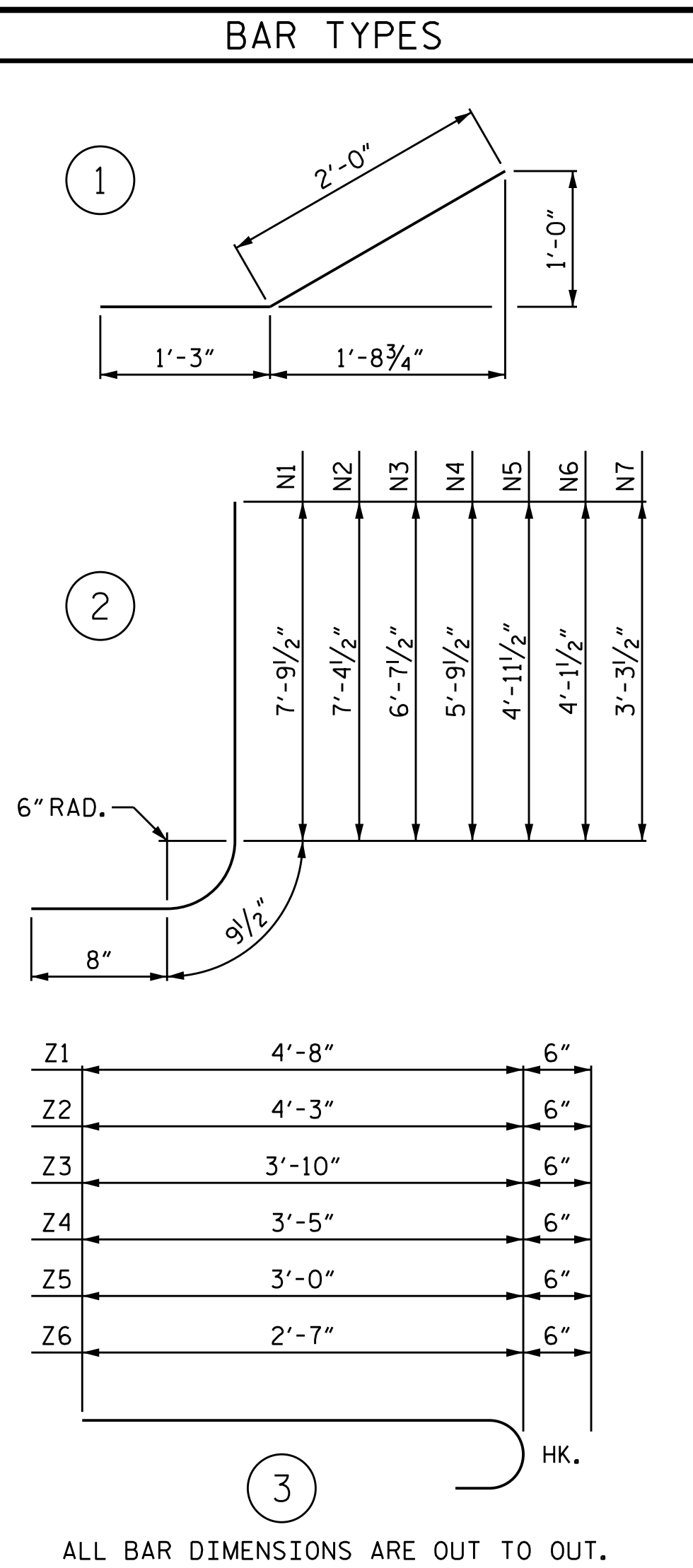
PLAN



ELEVATION



TYPICAL WING SECTION



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
H1	8	#4	STR	15'-9"	84
H2	4	#4	STR	14'-4"	38
H3	4	#4	STR	8'-10"	24
H4	4	#4	STR	3'-5"	9
H5	24	#4	1	3'-3"	52
H6	4	#4	STR	16'-4"	44
N1	4	#5	2	9'-3"	39
N2	4	#5	2	8'-10"	37
N3	6	#4	2	8'-1"	32
N4	6	#4	2	7'-3"	29
N5	6	#4	2	6'-5"	26
N6	6	#4	2	5'-7"	22
N7	6	#4	2	4'-9"	19
S1	6	#6	STR	6'-0"	54
T1	6	#5	STR	17'-6"	110
V1	4	#4	STR	7'-3"	19
V2	4	#4	STR	6'-9"	18
V3	6	#4	STR	5'-11"	24
V4	6	#4	STR	5'-2"	21
V5	6	#4	STR	4'-4"	17
V6	6	#4	STR	3'-6"	14
V7	6	#4	STR	2'-9"	11
Z1	8	#4	3	5'-2"	28
Z2	6	#4	3	4'-9"	19
Z3	6	#4	3	4'-4"	17
Z4	6	#4	3	3'-11"	16
Z5	6	#4	3	3'-6"	14
Z6	6	#4	3	3'-1"	12
TOTAL REINFORCING STEEL FOR 2 WINGS				849	LBS
CLASS A CONCRETE					
2 WINGS				13.2	CY
1 HEADWALL				0.3	CY
1 END CURTAIN WALL				0.3	CY
TOTAL				13.8	CY

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.

PROJECT NO. I-5987B
ROBESON COUNTY
 STATION: 708+48.43 -L-
 SHEET 7 OF 20

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

WINGS FOR CONCRETE BOX CULVERT STAGE 1 (LEFT SIDE)
 H = 7'-0" SLOPE = 3:1
 90° SKEW

3/16/2022
 X:\NCDOT\I-5987B\Structures\Site 16 - 708 + 48.43 -L-\Final Plans\DCNs\412.013.I-5987B.Site 16.SMU.CU.007.dgn
 Users\smassinople

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
 706 HILLSBOROUGH STREET
 SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

4/12/2022 10:44 AM EDT

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. C16-7
 TOTAL SHEETS 20

DRAWN BY : STM DATE : 09/21
 CHECKED BY : MGC DATE : 03/22
 DESIGN ENGINEER OF RECORD: STM DATE : 03/22