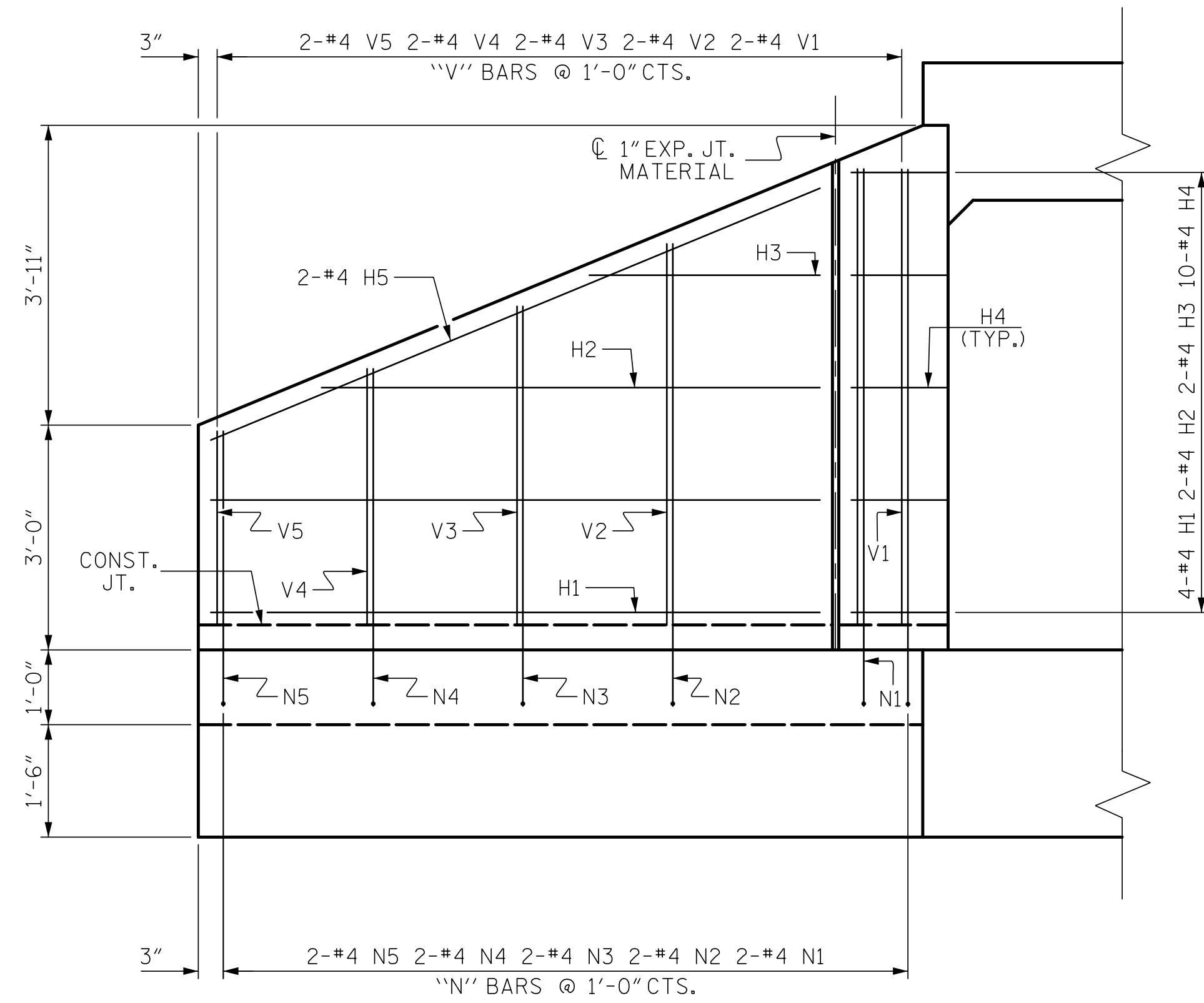


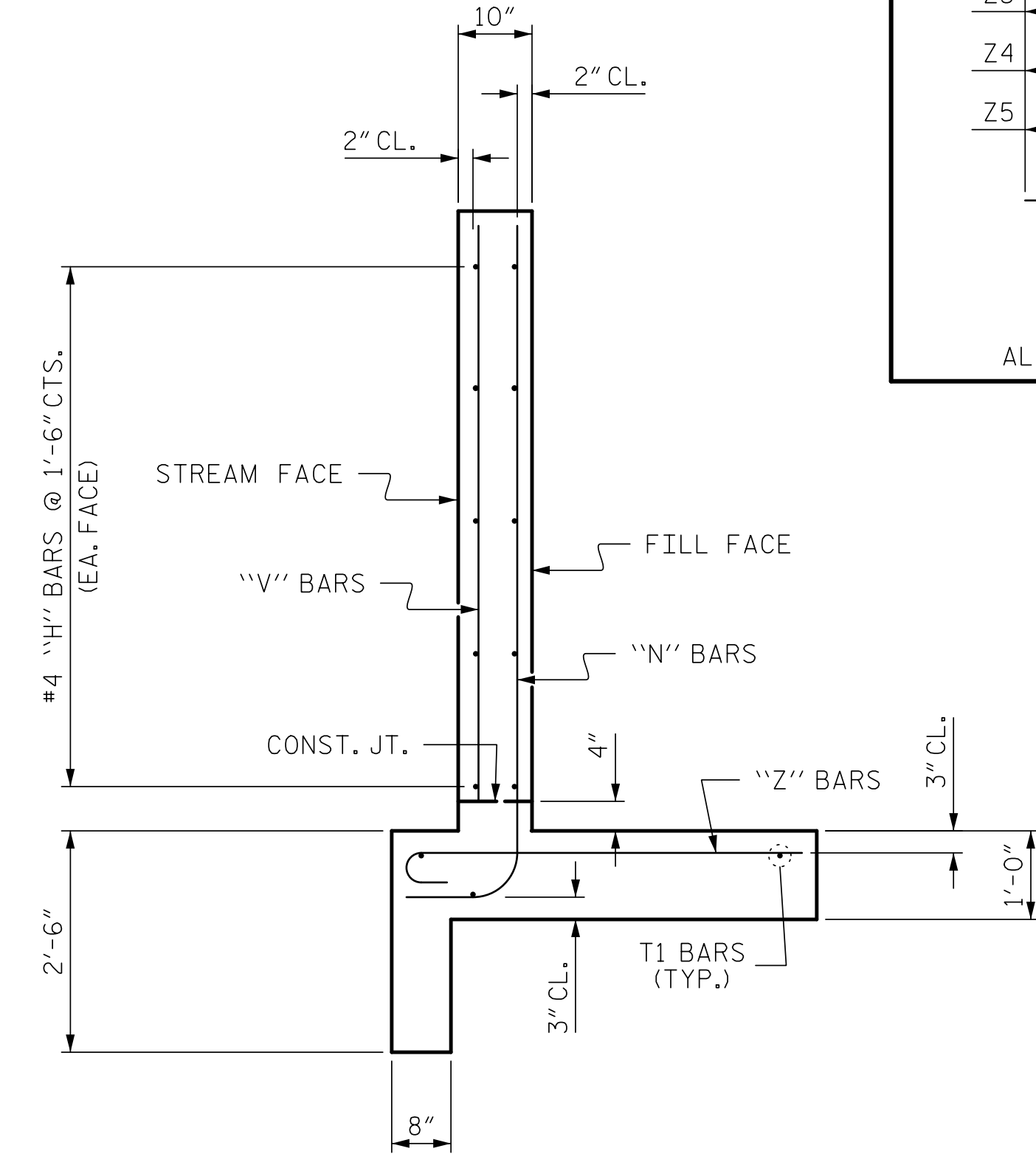
PLAN



ELEVATION

ASSEMBLED BY :	ZCS	DATE :	05/21
CHECKED BY :	MGC	DATE :	09/21
DRAWN BY :	CCJ 10/99	REV. 6/19	MAA/THC
CHECKED BY :	RWW 03/00		

6/14/2022 X:\NCDOT\A-0009\Structures\A-0009CC\STR. #1 66+85.00 -Y2-\FinalPlans\VDGNS\414.011.A-0009CC.SMU.CU06.dgn User:z2sm1h



W1 WING SECTION

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT.

NOTE:
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.

Z1	4'-3"	6"
Z2	3'-9"	6"
Z3	3'-3"	6"
Z4	2'-10"	6"
Z5	2'-5"	6"

BILL OF MATERIAL

BAR NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	#4	STR	8'-1"	22
H2	#4	STR	6'-8"	9
H3	#4	STR	2'-11"	4
H4	#4	1	3'-3"	22
H5	#4	STR	8'-9"	12
N1	#4	2	7'-9"	10
N2	#4	2	6'-11"	9
N3	#4	2	6'-3"	8
N4	#4	2	5'-5"	7
N5	#4	2	4'-7"	6
T1	#5	STR	10'-0"	31
V1	#4	STR	5'-7"	7
V2	#4	STR	4'-10"	6
V3	#4	STR	4'-1"	5
V4	#4	STR	3'-3"	4
V5	#4	STR	2'-6"	3
Z1	#4	3	4'-9"	6
Z2	#4	3	4'-3"	9
Z3	#4	3	3'-9"	5
Z4	#4	3	3'-4"	4
Z5	#4	3	2'-11"	4

REINFORCING STEEL FOR WING W1 193 LBS

CLASS A CONCRETE

WING W1	3.5	CY
1 HEADWALL	0.3	CY
END CURTAIN WALL	0.3	CY
TOTAL	4.1	CY

PROJECT NO. A-0009CC
GRAHAM COUNTY
 STATION: 66+85.00 -Y2-
 SHEET 6 OF 7

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SEAL
 20125
 ENGINEER
 MARSHALL G. CHECK, JR.
 7/13/2022

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

STANDARD WING W1
 FOR
 CONCRETE BOX CULVERT
 H = 6'-0" SLOPE = 2:1
 90° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C1-6
1			3			TOTAL SHEETS
2			4			7