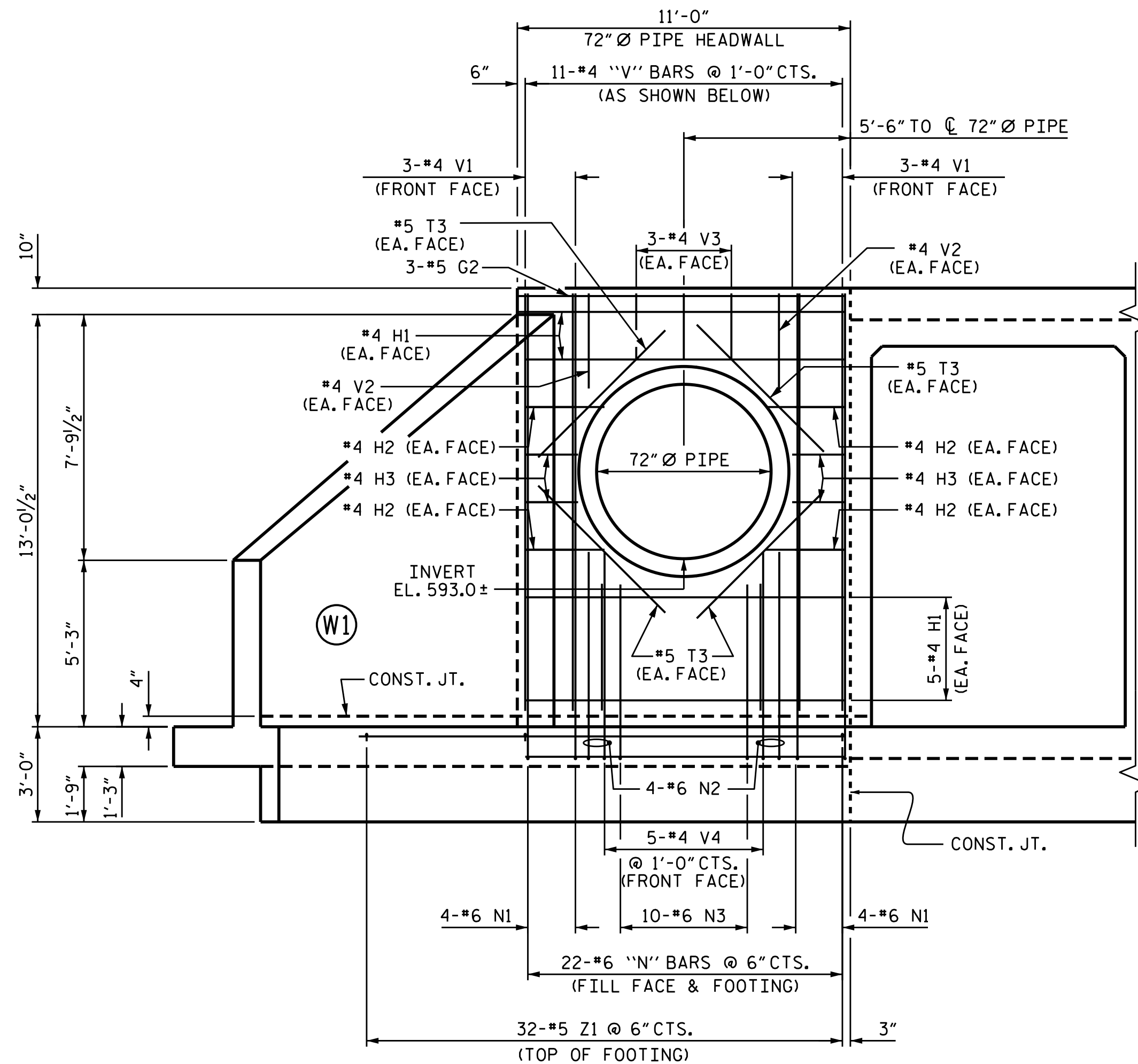
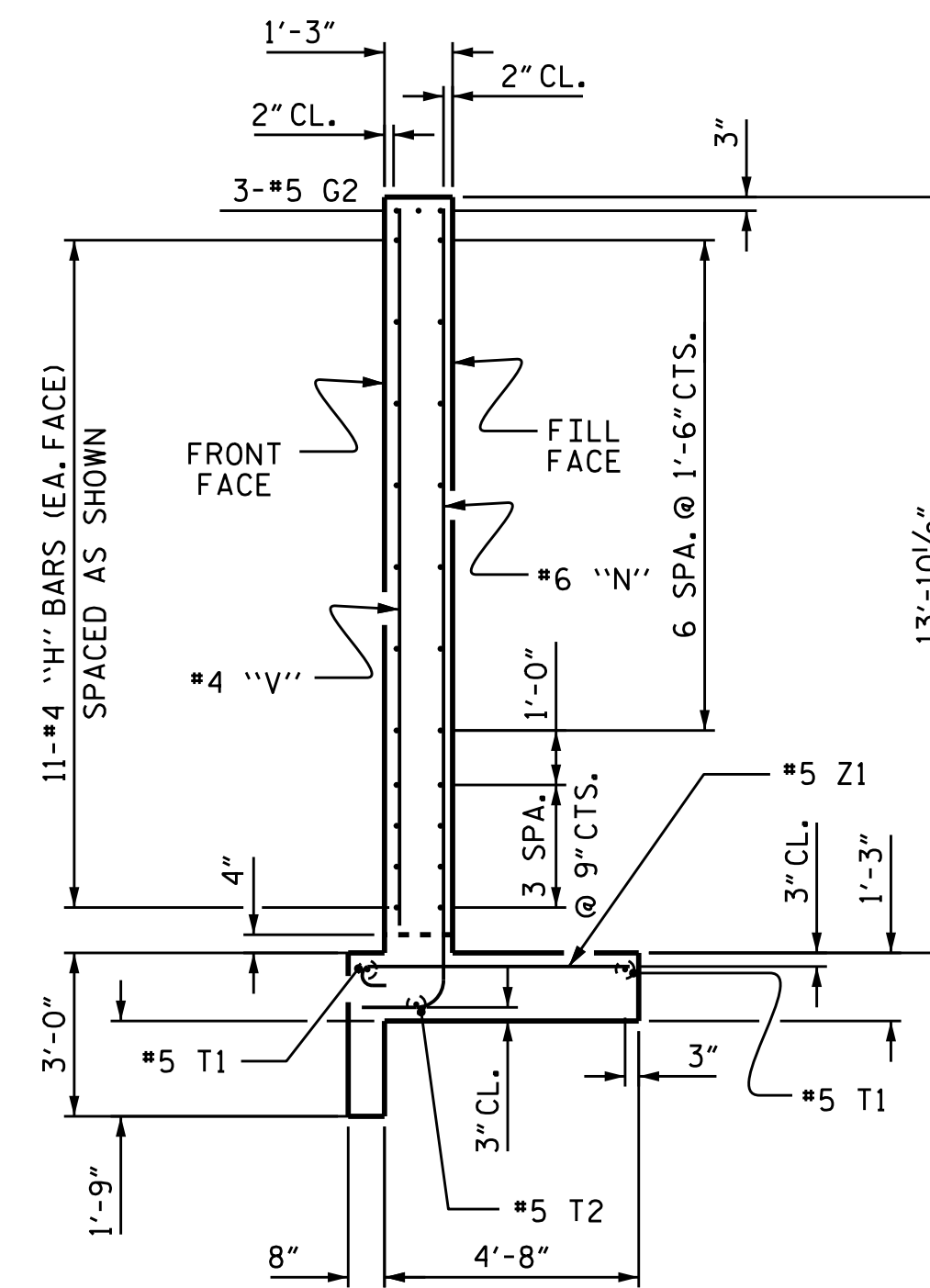


PLAN - 72" Ø PIPE HEADWALL

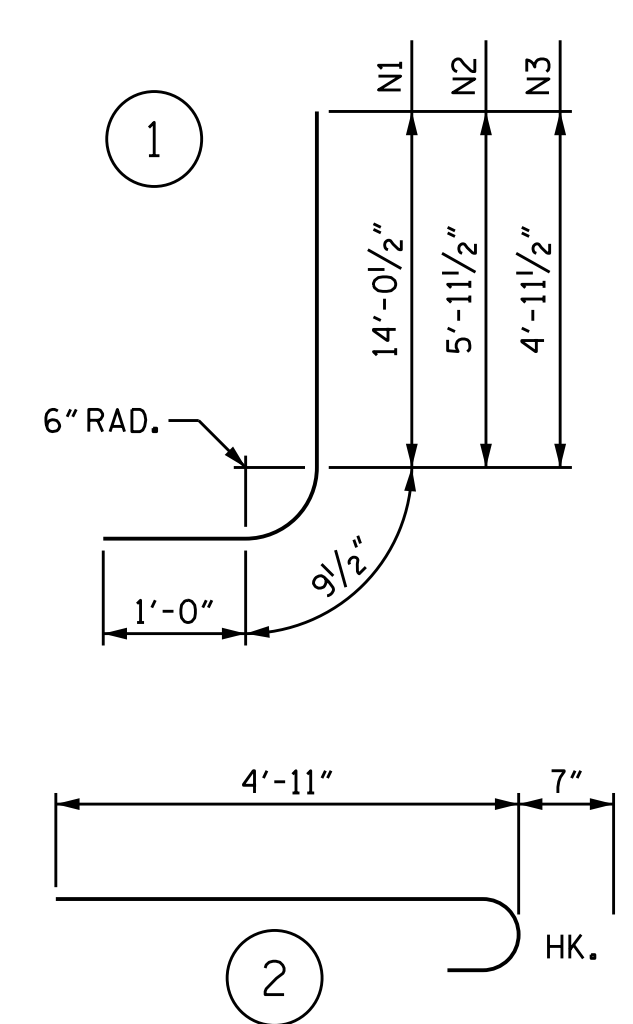


ELEVATION - 72" Ø PIPE HEADWALL



SECTION A-A

BAR TYPES



BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
H1	14	#4	STR	10'-8"	100
H2	8	#4	STR	2'-6"	13
H3	8	#4	STR	1'-8"	9
G2	3	#5	STR	10'-8"	33
N1	8	#6	1	15'-10"	190
N2	4	#6	1	7'-9"	47
N3	10	#6	1	6'-9"	101
T1	2	#5	STR	16'-2"	34
T2	1	#5	STR	10'-6"	11
T3	8	#5	STR	6'-2"	51
V1	6	#4	STR	13'-2"	53
V2	4	#4	STR	3'-0"	8
V3	6	#4	STR	1'-8"	7
V4	5	#4	STR	4'-0"	13
Z1	32	#5	2	5'-6"	184

REINFORCING STEEL (72" Ø PIPE HEADWALL)	LBS.	854
CLASS A CONCRETE (72" Ø PIPE HEADWALL)	C.Y.	5.8

LEFT EXTENSION QUANTITIES

CLASS A CONCRETE			
PHASE I BARRELS @	1.998	CY/FT	46.0
PHASE II BARREL @	1.651	CY/FT	38.0
72" Ø PIPE HEADWALL			5.8
WING W1, ETC.			16.6
WING W2, ETC.			15.2
TOTAL			121.6

REINFORCING STEEL	
PHASE I BARRELS	6,293
PHASE II BARREL	5,842
72" Ø PIPE HEADWALL	854
WING W1, ETC.	1,241
WING W2, ETC.	912
TOTAL	15,142

FOUNDATION CONDITIONING MAT'L.	52
CULVERT EXCAVATION	LUMP SUM

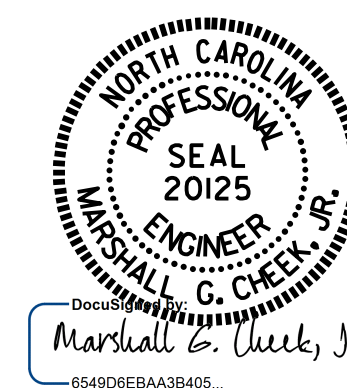
PROJECT NO. U-3633  
GASTON COUNTY  
STATION: 54+22.00 -L-

SHEET 4 OF 13

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

72" Ø PIPE HEADWALL

(LEFT EXTENSION)



3/31/2017

DRAWN BY: H.A. LOCKLEAR DATE: 3/31/16  
CHECKED BY: K.D. LAYNE DATE: 8/4/16  
DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE: 11/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-4
1			3			TOTAL SHEETS
2			4			13