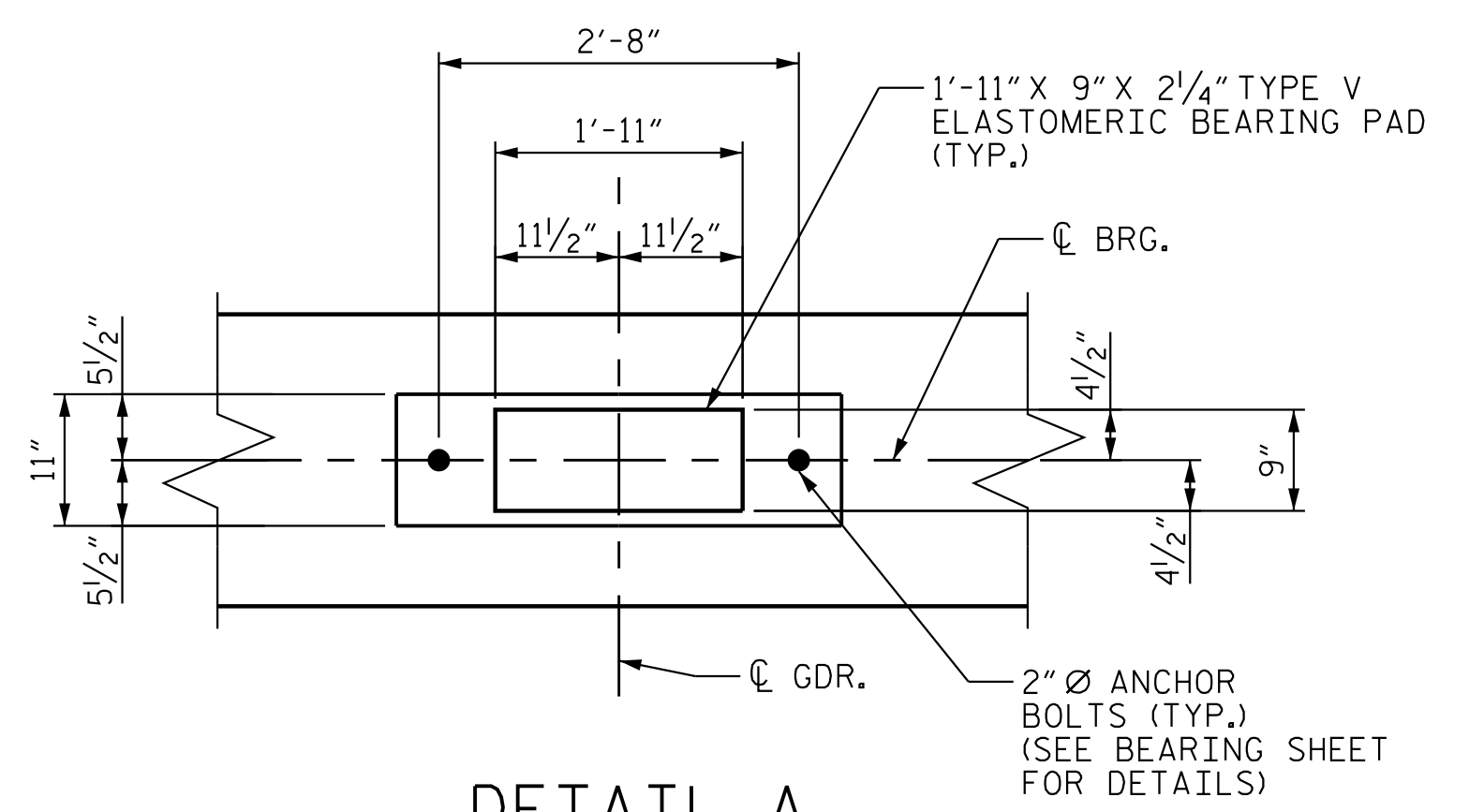


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

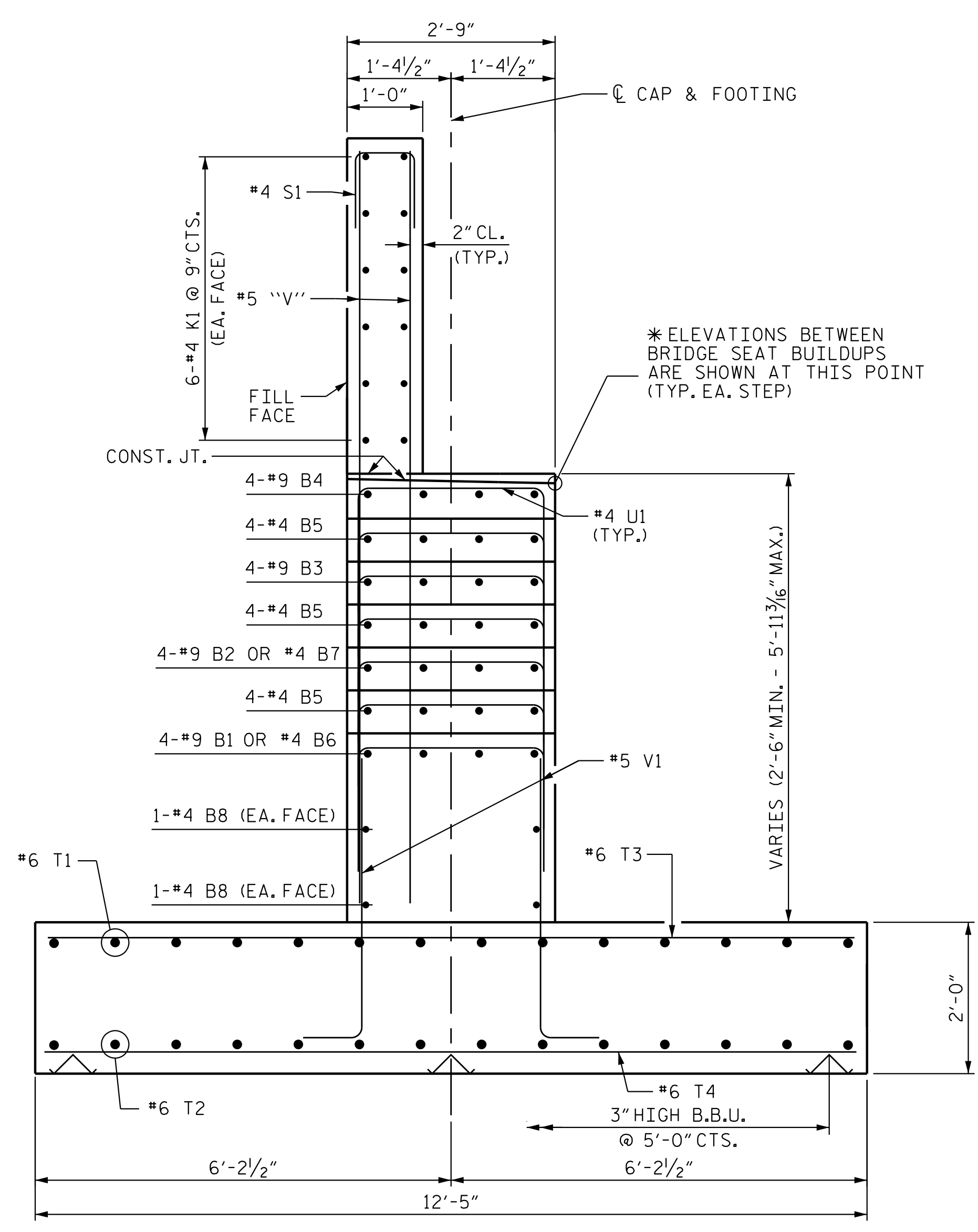
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETEIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

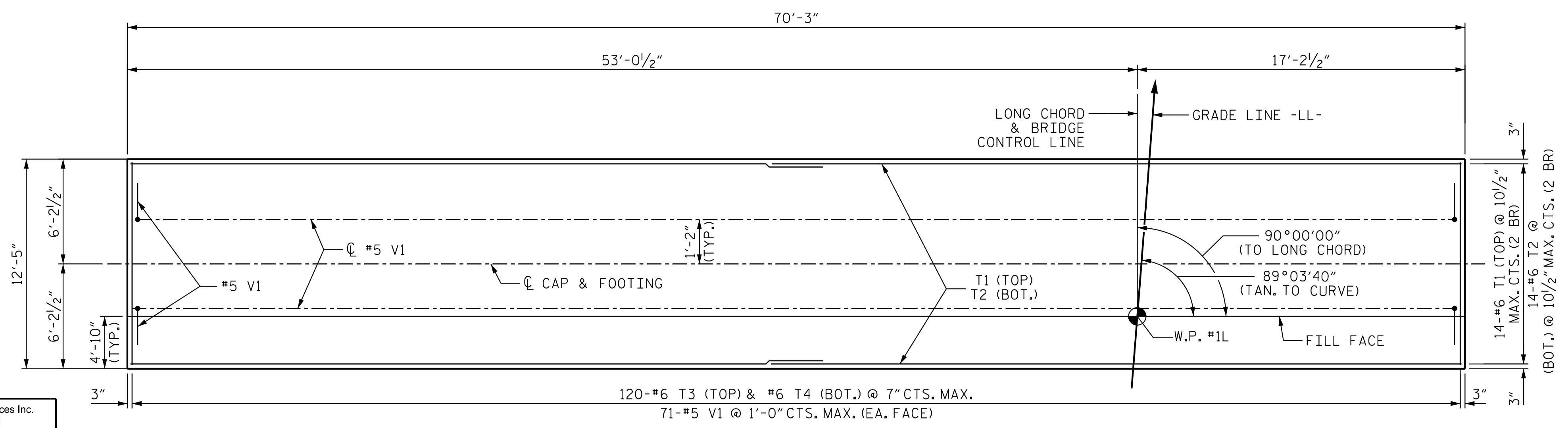
TEMPORARY DRAINAGE AT END BENT



DETAIL A



SECTION A-A

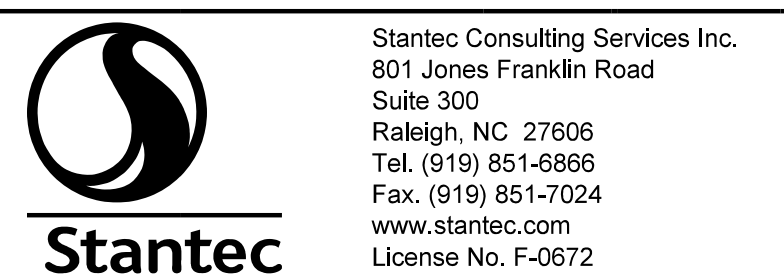


PLAN OF FOOTING

BAR TYPES		BILL OF MATERIAL				
		END BENT 1				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	4	#9	STR.	32'-7"	443	
B2	4	#9	STR.	27'-9"	377	
B3	4	#9	STR.	27'-1"	368	
B4	4	#9	STR.	8'-1"	110	
B5	12	#4	STR.	9'-4"	75	
B6	8	#4	STR.	21'-1"	113	
B7	4	#4	STR.	20'-9"	55	
B8	12	#4	STR.	24'-6"	196	
H1	26	#4	1	9'-4"	162	
H2	30	#5	1	8'-11"	279	
K1	36	#4	STR.	24'-6"	589	
K2	8	#4	STR.	2'-8"	14	
S1	65	#4	2	6'-10"	297	
T1	28	#6	STR.	36'-5"	1532	
T2	28	#6	STR.	36'-5"	1532	
T3	120	#6	STR.	12'-1"	2178	
T4	120	#6	STR.	12'-1"	2178	
U1	112	#4	2	5'-5"	405	
V1	142	#5	1	4'-11"	728	
V2	32	#5	STR.	9'-5"	314	
V3	32	#5	STR.	8'-6"	284	
V4	32	#5	STR.	7'-7"	253	
V5	34	#5	STR.	6'-8"	236	
V6	24	#5	STR.	7'-11"	198	
V7	24	#5	STR.	11'-6"	288	
V8	4	#5	STR.	4'-0"	17	
REINFORCING STEEL					LBS. 13,221	
CLASS A CONCRETE BREAKDOWN						
POUR 1 - FOOTING					C.Y. 64.6	
POUR 2 - (CAP & BOT. WINGS)					C.Y. 31.6	
POUR 3 - (TOP OF WINGS & BACKWALL)					C.Y. 17.1	
CLASS A CONCRETE TOTAL					C.Y. 113.3	

ALL BAR DIMENSIONS ARE OUT TO OUT.

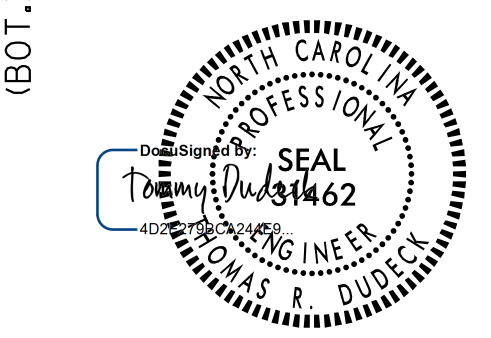
1/9/2018 10:46:10 AM jgelle
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Stantec Consulting Services Inc.
 801 Jones Franklin Road
 Suite 300
 Raleigh, NC 27606
 Tel. (919) 851-6866
 Fax. (919) 851-7024
 www.stantec.com
 License No. F-0672

DRAWN BY: N. DAIUTO DATE: 10/13/16
 CHECKED BY: M. B. ISENHOUR DATE: 01/09/17

DESIGN ENGINEER OF RECORD: T. R. DUDECK DATE: 01/12/18



1/12/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. U-2525C
 GUILFORD COUNTY
 STATION: 329+95.42 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

END BENT 1 DETAILS

(LL)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-23
1			3			TOTAL SHEETS 29
2			4			

STR. #2