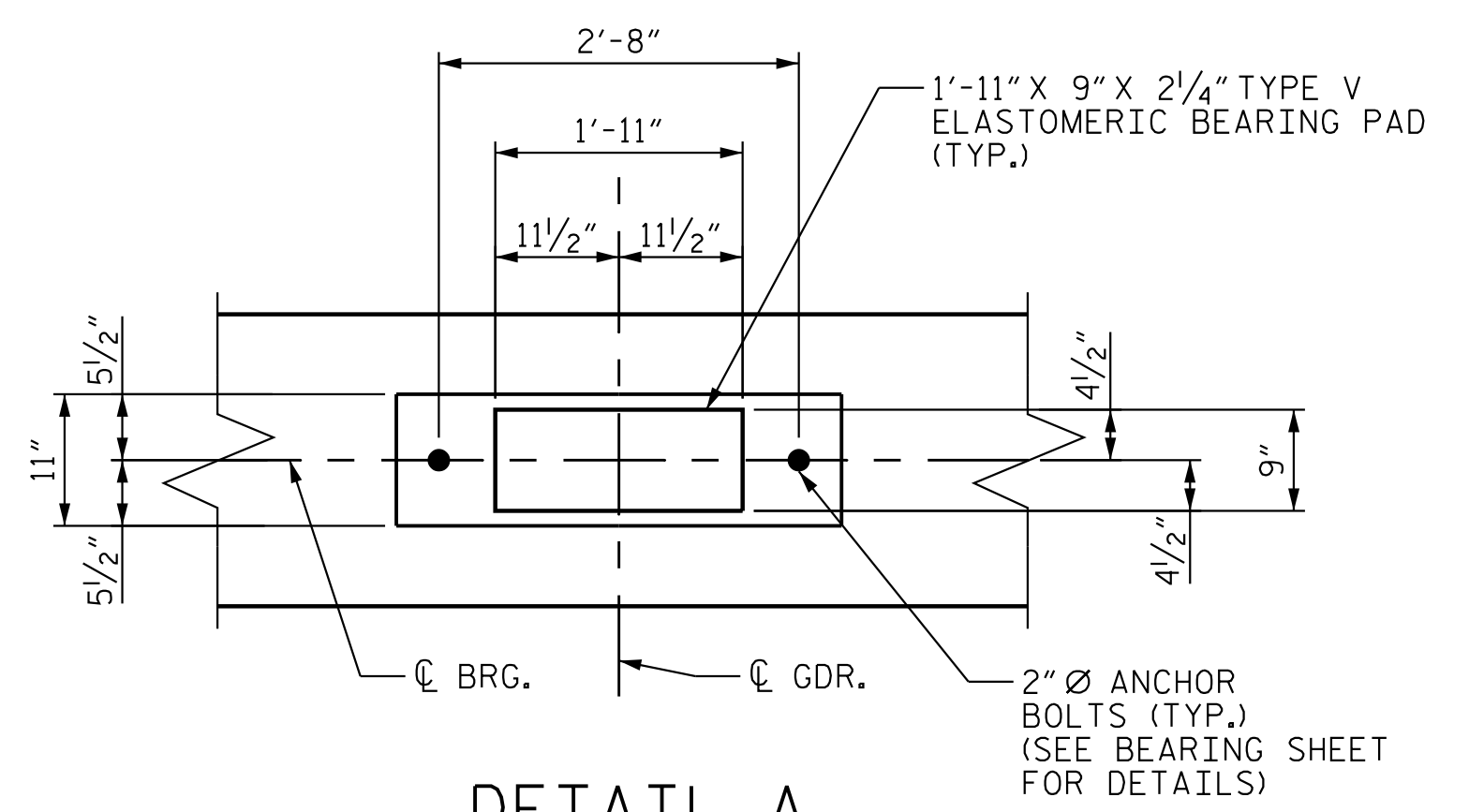


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

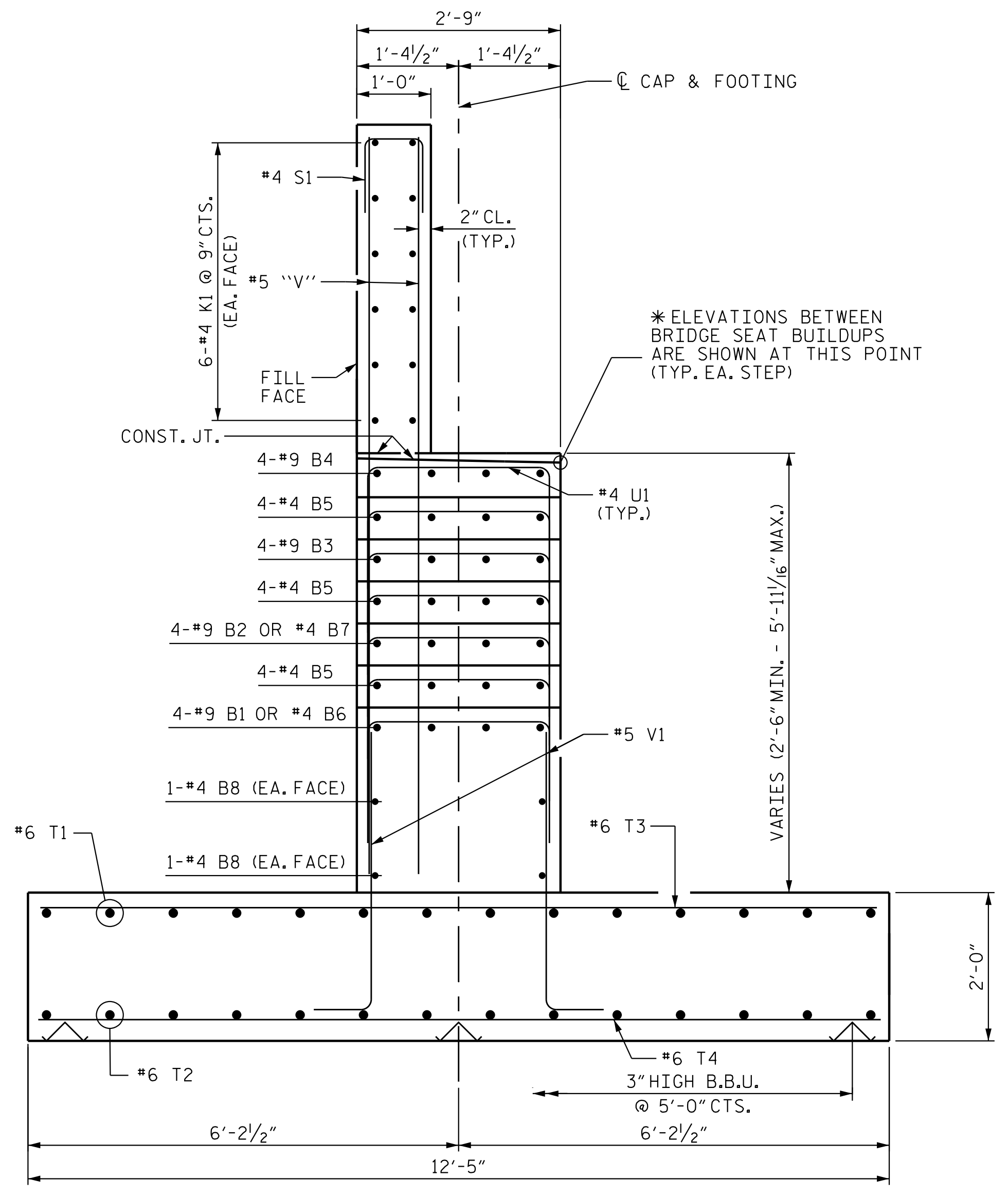
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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



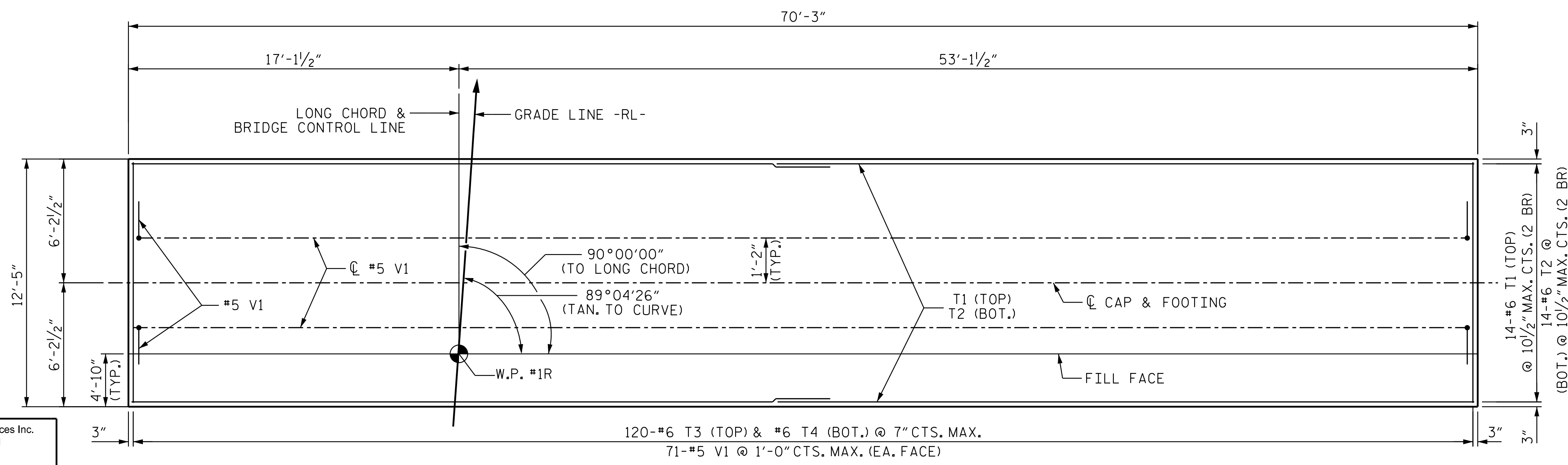
DETAIL A



SECTION A-A

BAR TYPES		BILL OF MATERIAL				
		END BENT 1				
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT		
B1	#9	STR.	32'-7"	443		
B2	#9	STR.	27'-9"	377		
B3	#9	STR.	27'-1"	368		
B4	#9	STR.	8'-1"	110		
B5	#4	STR.	9'-4"	75		
B6	#4	STR.	21'-1"	113		
B7	#4	STR.	20'-9"	55		
B8	#4	STR.	24'-6"	196		
H1	#4	1	8'-10"	153		
H2	#5	1	9'-10"	308		
K1	#4	STR.	24'-6"	589		
K2	#4	STR.	2'-8"	14		
S1	#4	2	6'-10"	297		
T1	#6	STR.	36'-5"	1532		
T2	#6	STR.	36'-5"	1532		
T3	#6	STR.	12'-1"	2178		
T4	#6	STR.	12'-1"	2178		
U1	#4	2	5'-5"	405		
V1	#5	1	4'-11"	728		
V2	#5	STR.	9'-5"	314		
V3	#5	STR.	8'-6"	284		
V4	#5	STR.	7'-7"	253		
V5	#5	STR.	6'-8"	236		
V6	#5	STR.	7'-11"	182		
V7	#5	STR.	11'-6"	288		
V7	#5	STR.	4'-0"	17		
REINFORCING STEEL				13,225		
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.



PLAN OF FOOTING

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

(RL)



1/12/2018

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S3-23	
1			3			TOTAL SHEETS	28
2			4				

STR. #3

1/9/2018 10:48:20 AM jgelle  
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 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