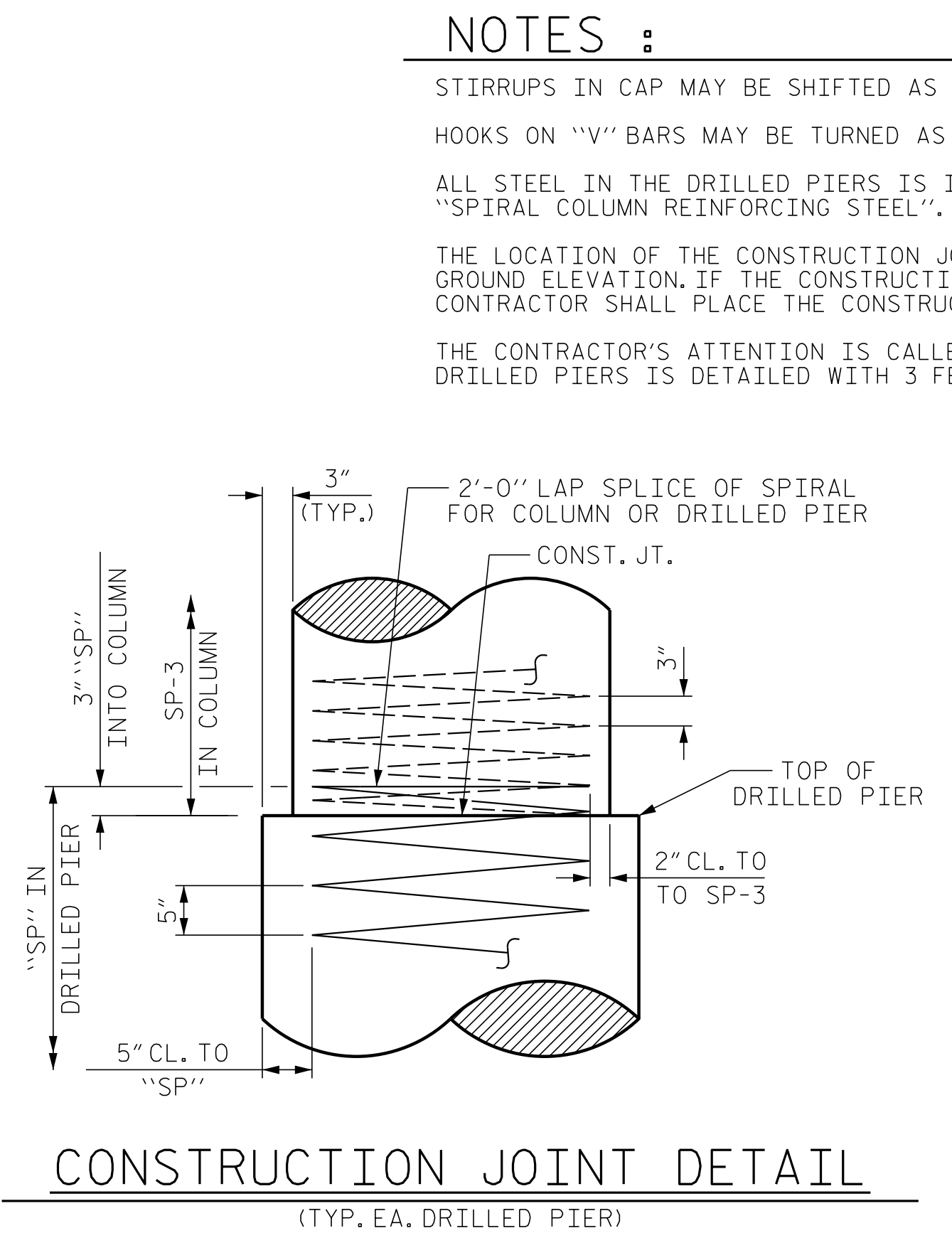
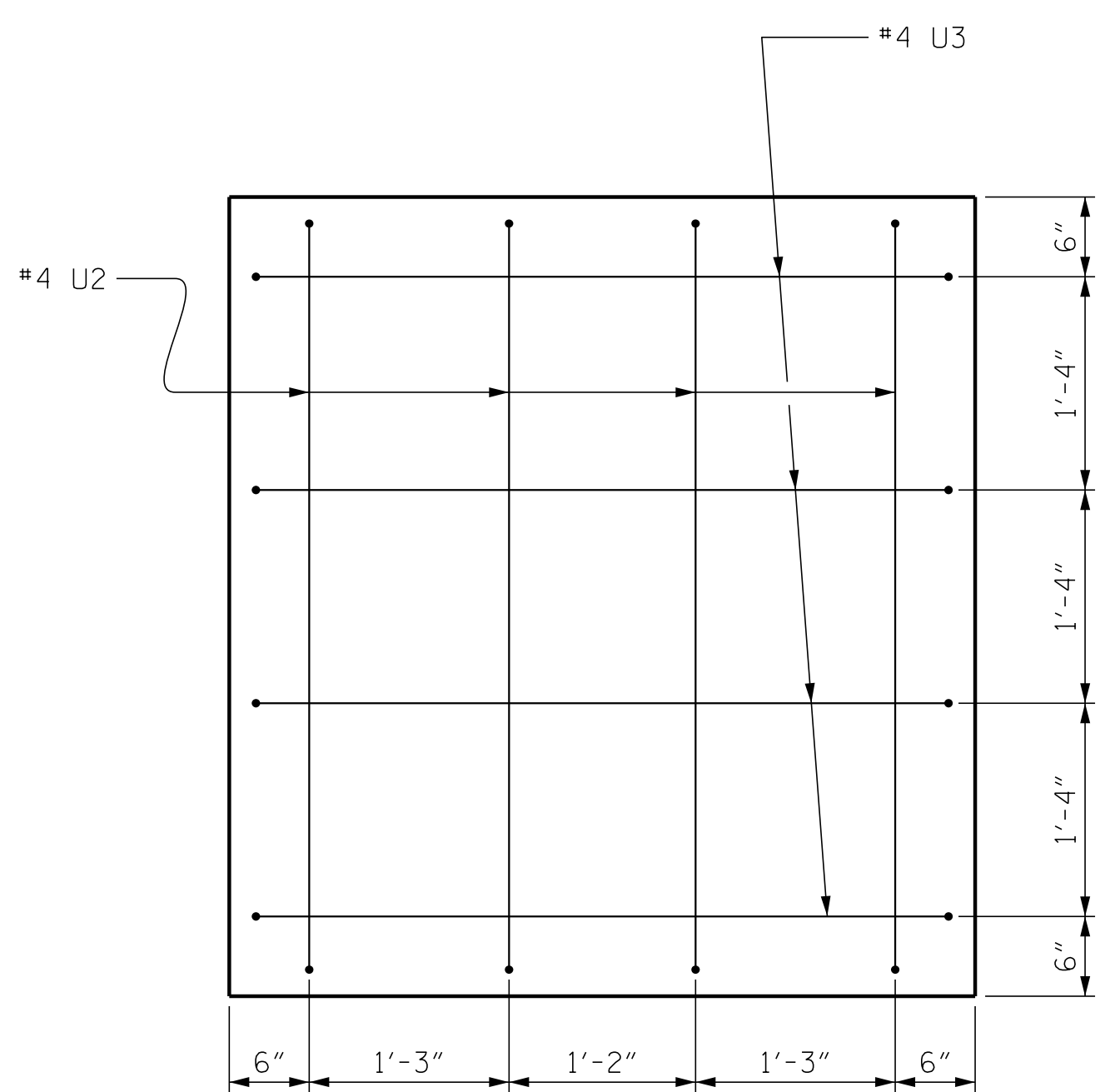
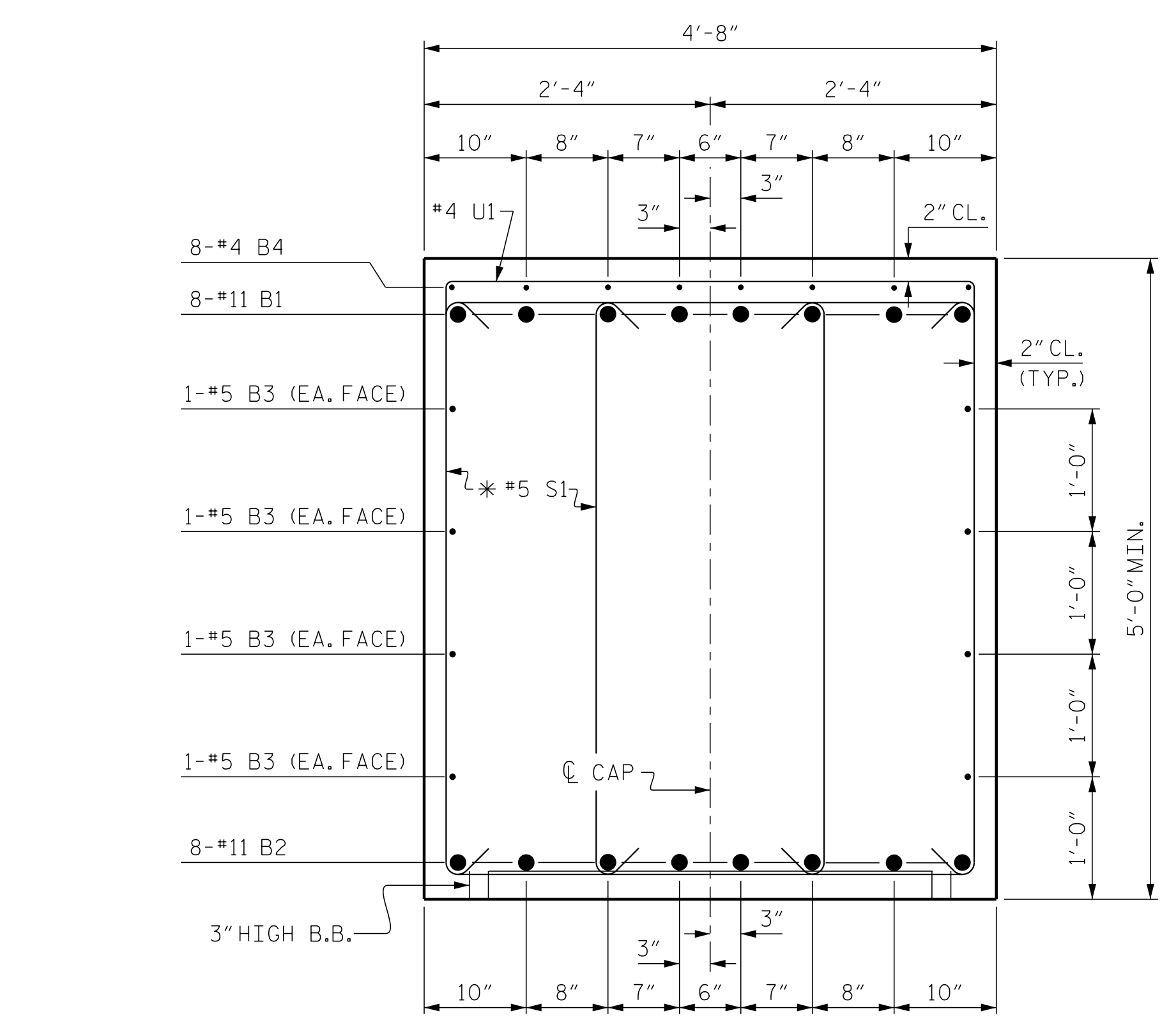


BILL OF MATERIAL					
BENT #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#11	1	35'-8"	1516
B2	8	#11	STR	32'-8"	1388
B3	8	#5	STR	32'-8"	273
B4	8	#4	STR	14'-2"	76
M1	12	#11	STR	50'-10"	3241
M2	12	#11	STR	47'-10"	3050
S1	120	#5	3	13'-5"	1679
U1	35	#4	4	7'-4"	171
U2	8	#4	4	7'-6"	40
U3	8	#4	4	7'-2"	38
V1	24	#11	2	15'-9"	2008
TOTAL REINFORCING STEEL LBS.					13,480
SP-1	1	*	5	1184'-8"	1236
SP-2	1	*	5	1102'-3"	1150
SP-3	2	**	6	581'-0"	776
SPIRAL COLUMN REINFORCING STEEL LBS.					3,162
* THIS "SP" SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.					
** THIS "SP" SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.					
CLASS A CONCRETE BREAKDOWN					
POUR #2 (COLUMNS)					11.2 C.Y.
POUR #3 (BENT CAP)					29.1 C.Y.
TOTAL					40.3 C.Y.
DRILLED PIER QUANTITIES					
DRILLED PIER CONCRETE POUR #1 (DRILLED PIERS)					49.2 C.Y.
4'-6" DIA. DRILLED PIERS IN SOIL					45.50 LIN. FT.
4'-6" DIA. DRILLED PIERS NOT IN SOIL					38.00 LIN. FT.
CSL TUBES					346.00 LIN. FT.



NOTES :

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL".

THE LOCATION OF THE CONSTRUCTION JOINT IN THE DRILLED PIERS ARE BASED ON AN APPROXIMATE GROUND ELEVATION. IF THE CONSTRUCTION JOINT IS ABOVE THE ACTUAL GROUND LINE ELEVATION, THE CONTRACTOR SHALL PLACE THE CONSTRUCTION JOINT 1 FT. BELOW THE GROUND LINE.

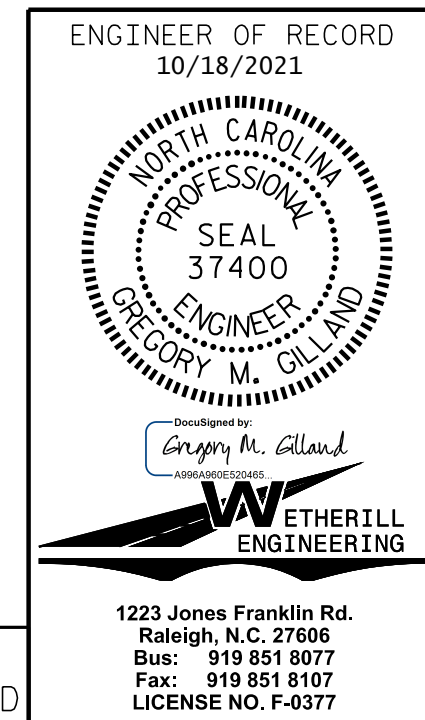
THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR DRILLED PIERS IS DETAILED WITH 3 FEET OF EXTRA LENGTH.

PROJECT NO. B-5947

NASH COUNTY

STATION: 23+90.50 -LREV-

SHEET 2 OF 2



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE BENT No. 2					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-33				
TOTAL SHEETS 39				

DRAWN BY: G. GILLAND DATE: 4-21

CHECKED BY: D. HODGE DATE: 8-21

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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