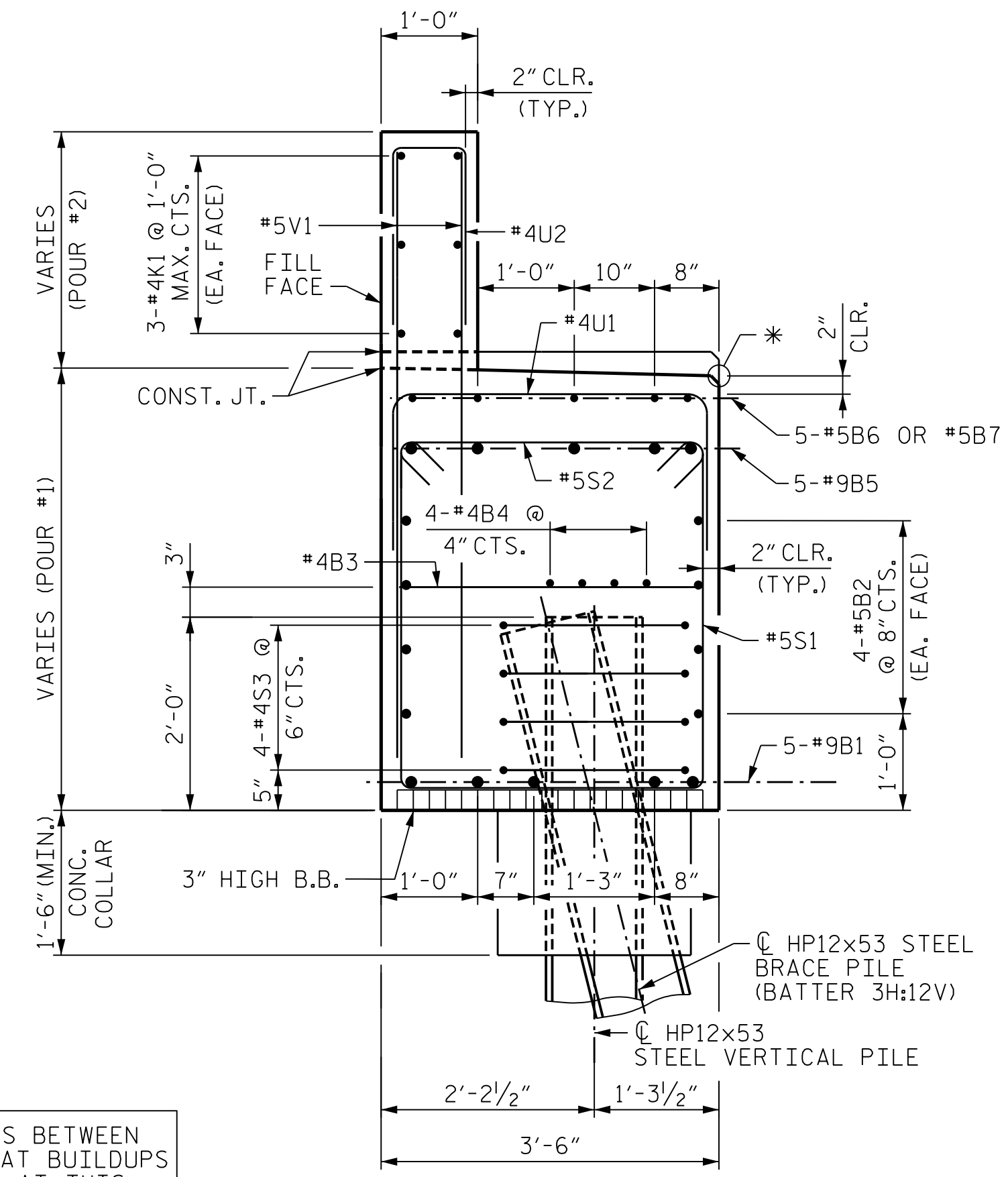
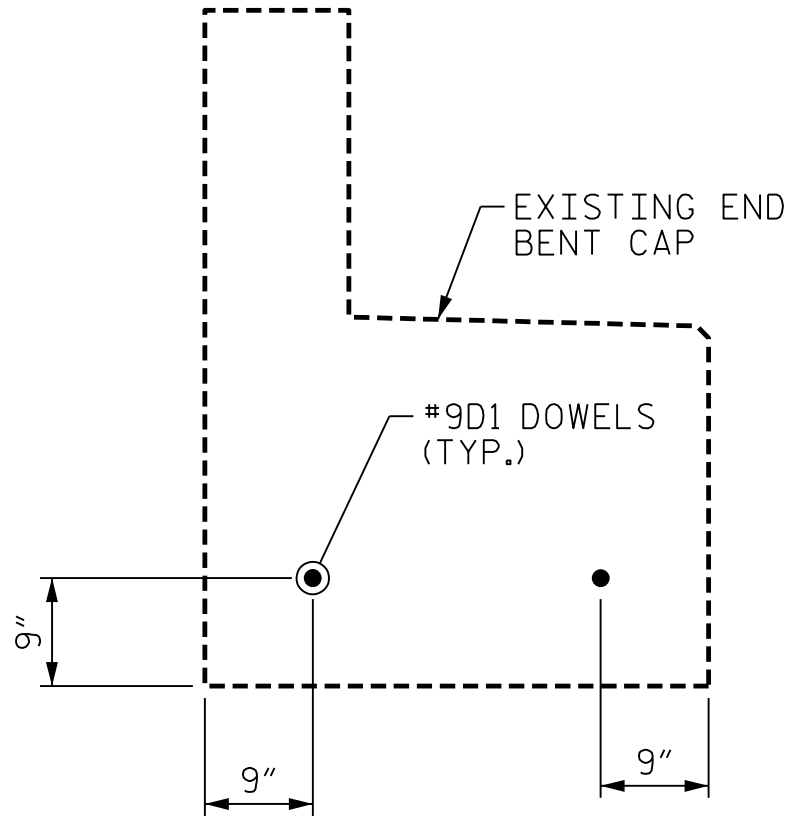


SECTION A-A

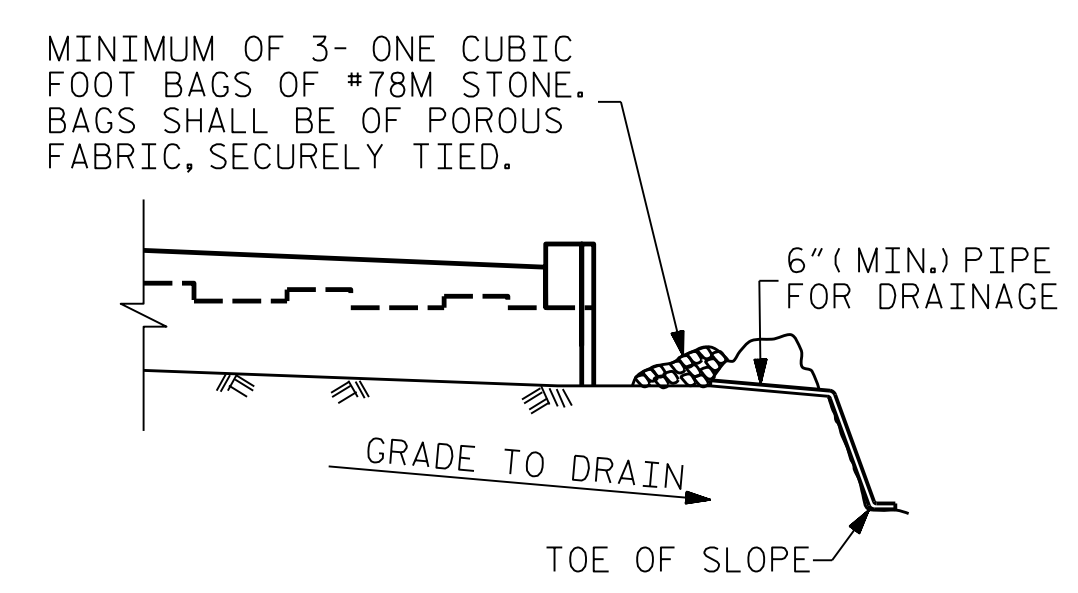


SECTION B-B

* ELEVATIONS BETWEEN BRIDGE SEAT BUILDUPS ARE SHOWN AT THIS POINT



VIEW E-E

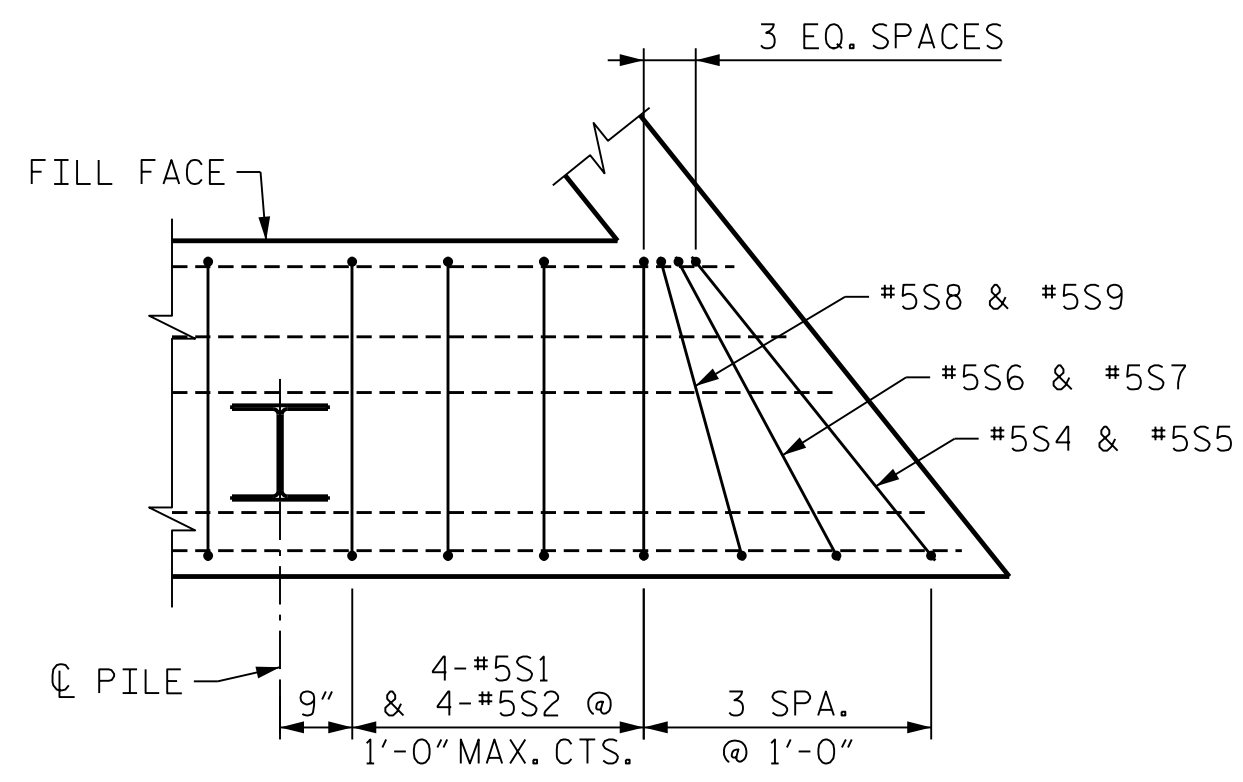


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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



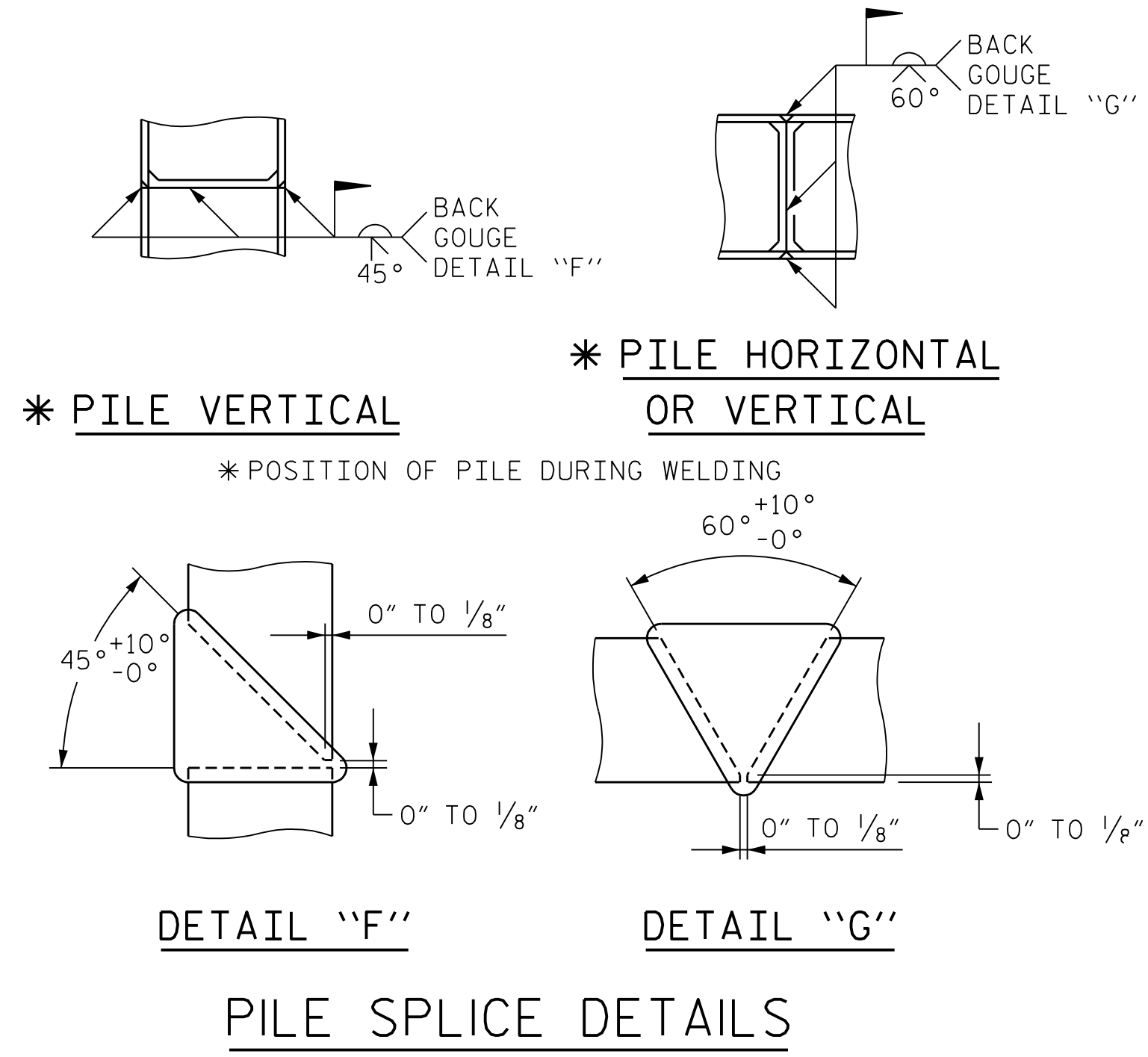
DETAIL "B"

BAR TYPES

BILL OF MATERIAL

END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#9	1	22'-11"	779
B2	16	#5	STR	21'-2"	353
B3	10	#4	STR	3'-2"	21
B4	8	#4	STR	20'-10"	111
B5	10	#9	1	23'-7"	802
B6	5	#5	STR	12'-8"	66
B7	5	#5	STR	2'-2"	11
K1	12	#4	STR	20'-10"	167
H1	5	#4	2	11'-6"	38
H2	5	#4	2	11'-0"	37
H3	5	#4	2	8'-4"	28
H4	5	#4	2	7'-8"	26
H5	6	#4	STR	4'-7"	18
V1	65	#5	STR	6'-1"	412
V2	24	#4	STR	7'-9"	124
S1	36	#5	3	11'-4"	426
S2	36	#5	4	4'-1"	153
S3	16	#4	5	6'-6"	69
S4	1	#5	3	12'-1"	13
S5	1	#5	4	4'-10"	5
S6	1	#5	3	11'-7"	12
S7	1	#5	4	4'-4"	5
S8	1	#5	3	11'-5"	12
S9	1	#5	4	4'-2"	4
U1	14	#5	6	6'-2"	90
U2	32	#4	6	3'-8"	78
U3	4	#5	6	6'-8"	28
D1	2	#9	STR	4'-10"	33
REINFORCING STEEL					LBS. 3921
CLASS A CONCRETE					
POUR #1 (COLLARS, CAP, LOWER PART OF WINGS)				CU. YDS.	21.8
POUR #2 (BACKWALL & UPPER PART OF WINGS)				CU. YDS.	4.4
TOTAL				CU. YDS.	26.2
HP 12x53 STEEL PILES ▲					
				NO.	4
				LIN. FT.	220
STEEL H-PILE POINTS					
				NO.	4

ALL BAR DIMENSIONS ARE OUT TO OUT



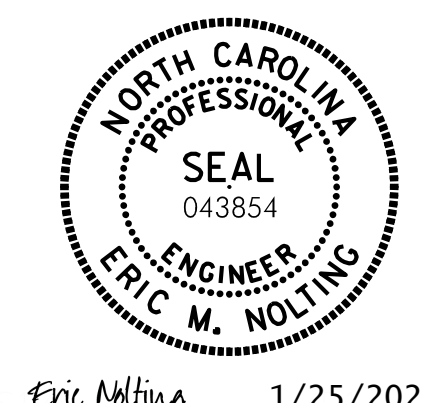
▲ PILE LENGTHS ARE BASED ON ESTIMATED TIP ELEVATIONS

PROJECT NO. B-3186/B-5898
HAYWOOD COUNTY
 STATION: 68+65.75 ± -L-RT-

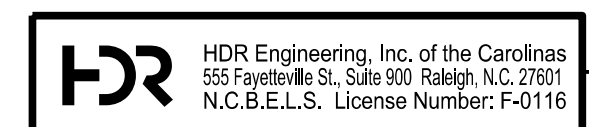
SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUBSTRUCTURE
 END BENT 2
 SECTIONS AND DETAILS**



Eric M. Nolting 1/25/2022



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1	--	--	3	--	--
2	--	--	4	--	--

SHEET NO. S03R-45
 TOTAL SHEETS 61

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl
 USER: PPETERSO DATE: 1/24/2022 TIME: 2:45:06 PM
 FILE: ... \404.220.B5898B3186.SMU.E2.045.430107.dgn

DES BY: <u>B. ROGERS</u>	DATE: <u>05/21</u>	DWG BY: <u>B. PETERSON</u>	DATE: <u>05/21</u>
DES CHK: <u>F. CORDOVA</u>	DATE: <u>06/21</u>	CHK BY: <u>F. CORDOVA</u>	DATE: <u>06/21</u>