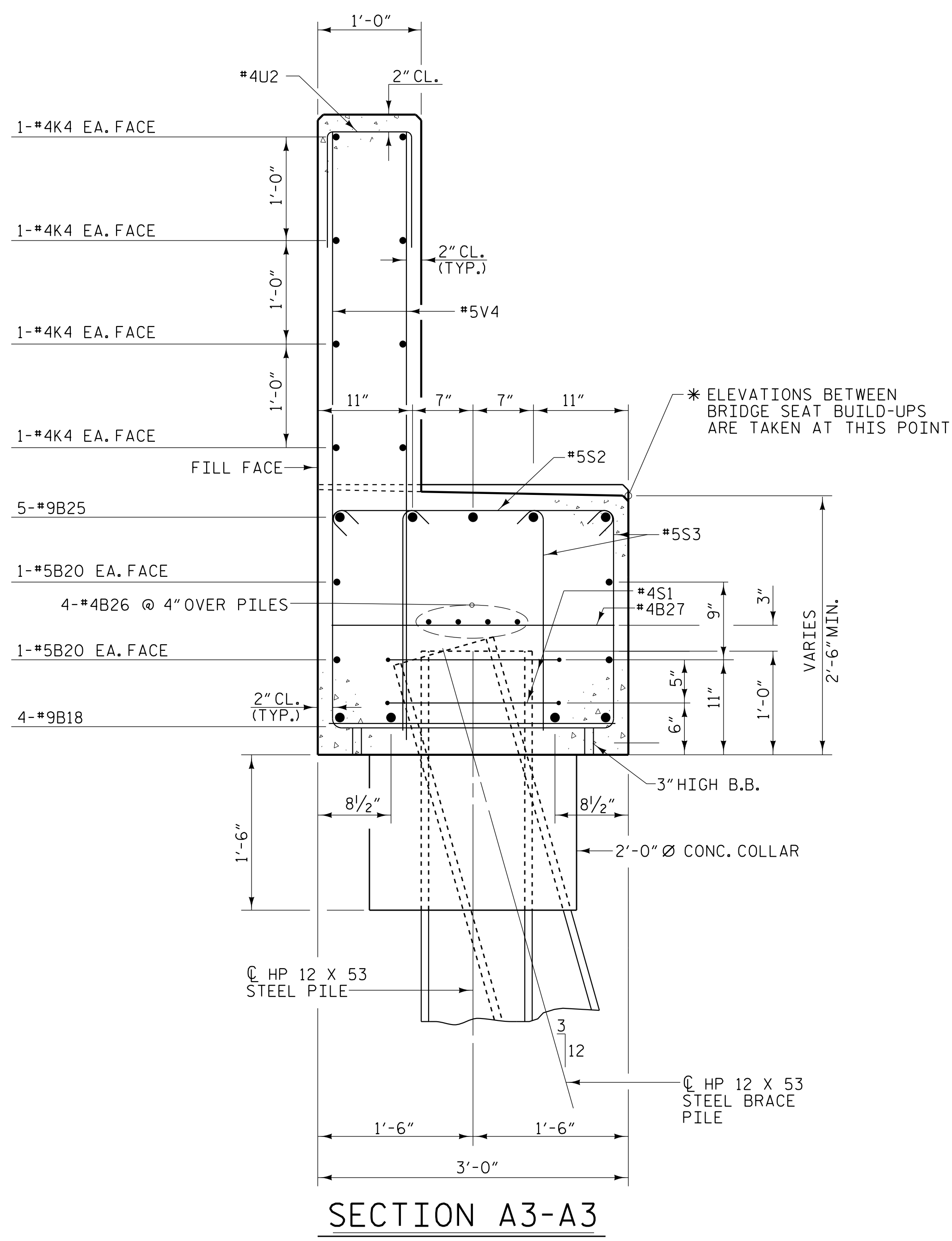
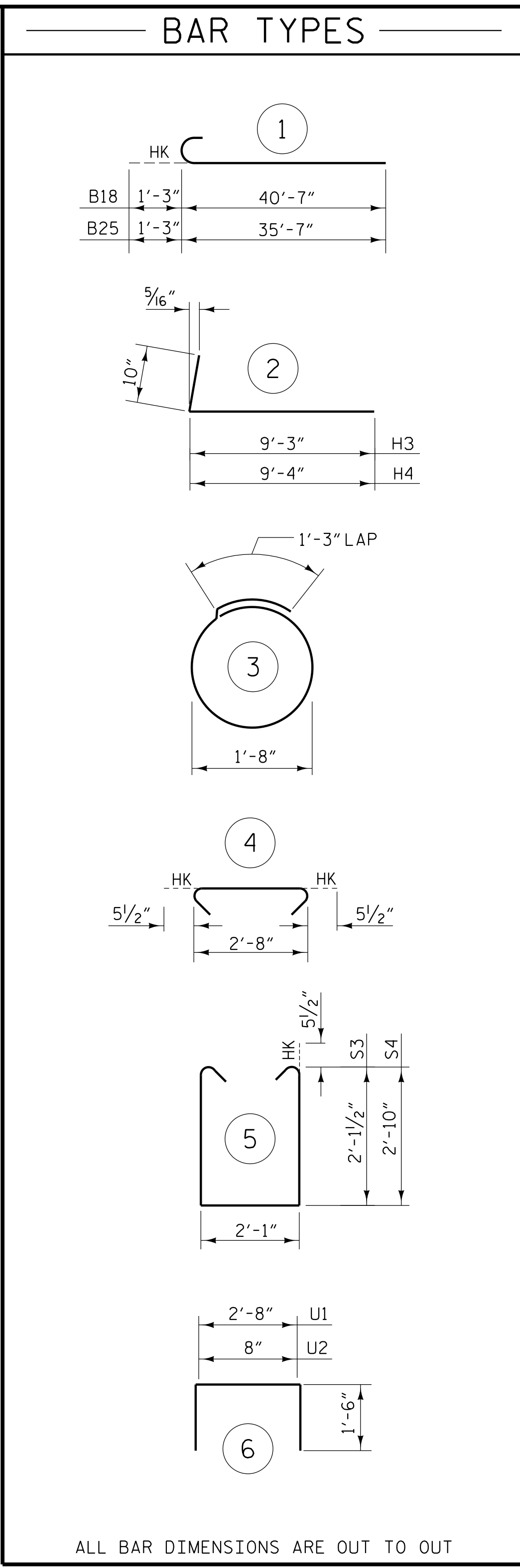


PART SECTION B3-B3



SECTION A3-A3



BILL OF MATERIAL

END BENT 1 - STAGE III

BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
B18	4	#9	1	41'-10"	569
B19	4	#9	STR	40'-7"	552
B20	8	#5	STR	40'-1"	334
B21	5	#9	STR	49'-4"	839
B22	15	#4	STR	11'-2"	112
B23	5	#4	STR	2'-11"	10
B24	2	#5	STR	46'-10"	98
B25	5	#9	1	36'-10"	626
B26	12	#4	STR	27'-4"	219
B27	20	#4	STR	2'-8"	36
H3	10	#5	2	10'-1"	105
H4	10	#5	2	10'-2"	106
K2	8	#4	STR	2'-8"	14
K4	24	#4	STR	27'-4"	438
S1	16	#4	3	6'-6"	69
S2	90	#5	4	3'-7"	336
S3	62	#5	5	7'-3"	469
S4	118	#5	5	8'-8"	1067
U1	40	#4	6	5'-8"	151
U2	74	#4	6	3'-8"	181
V2	26	#4	STR	7'-5"	129
V4	148	#5	STR	5'-10"	900

TOTAL REINFORCING STEEL 7360 lbs.

CLASS "A" CONCRETE - CU. YARDS

POUR 1 (CAP, COLLARS, LOWER WING)	29.6 CU. YDS.
POUR 2 (BACKWALL & UPPER WING)	12.9 CU. YDS.
TOTAL	42.5 CU. YDS.

PROJECT NO. I-5987B
ROBESON COUNTY
 STATION: 586+14.00 -L- POT

SHEET 6 OF 6

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

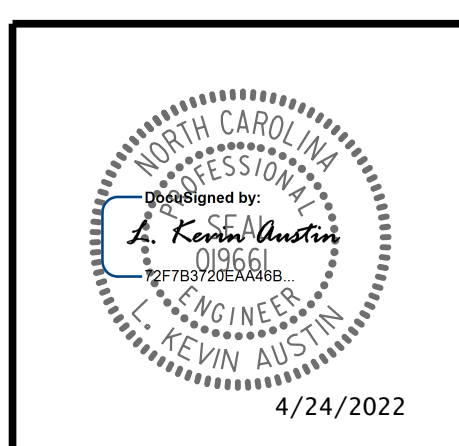
SUBSTRUCTURE
 END BENT 1
 DETAILS
 STAGE III

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S5-40
1			3			TOTAL SHEETS
2			4			64

PLANS PREPARED BY:

NV5

NV5 ENGINEERS & CONSULTANTS, INC.
 3300 REGENCY PARKWAY, SUITE 100
 CARY, NC 27518
 P: 919.851.1912 www.NV5.com
 NC License # F-1333



**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

DRAWN BY : W. B. ALLEN DATE : 12/21
 CHECKED BY : G. F. WILSON DATE : 2/22
 DESIGN ENGINEER OF RECORD: L. K. AUSTIN DATE : 2/22

4/22/2022 6:04:09 PM G:\Project\2019\2019\7\03\CLIENT\Structures\I-5987B (Big Marsh Swamp)\5987B_SMU.EG_770536.dgn