

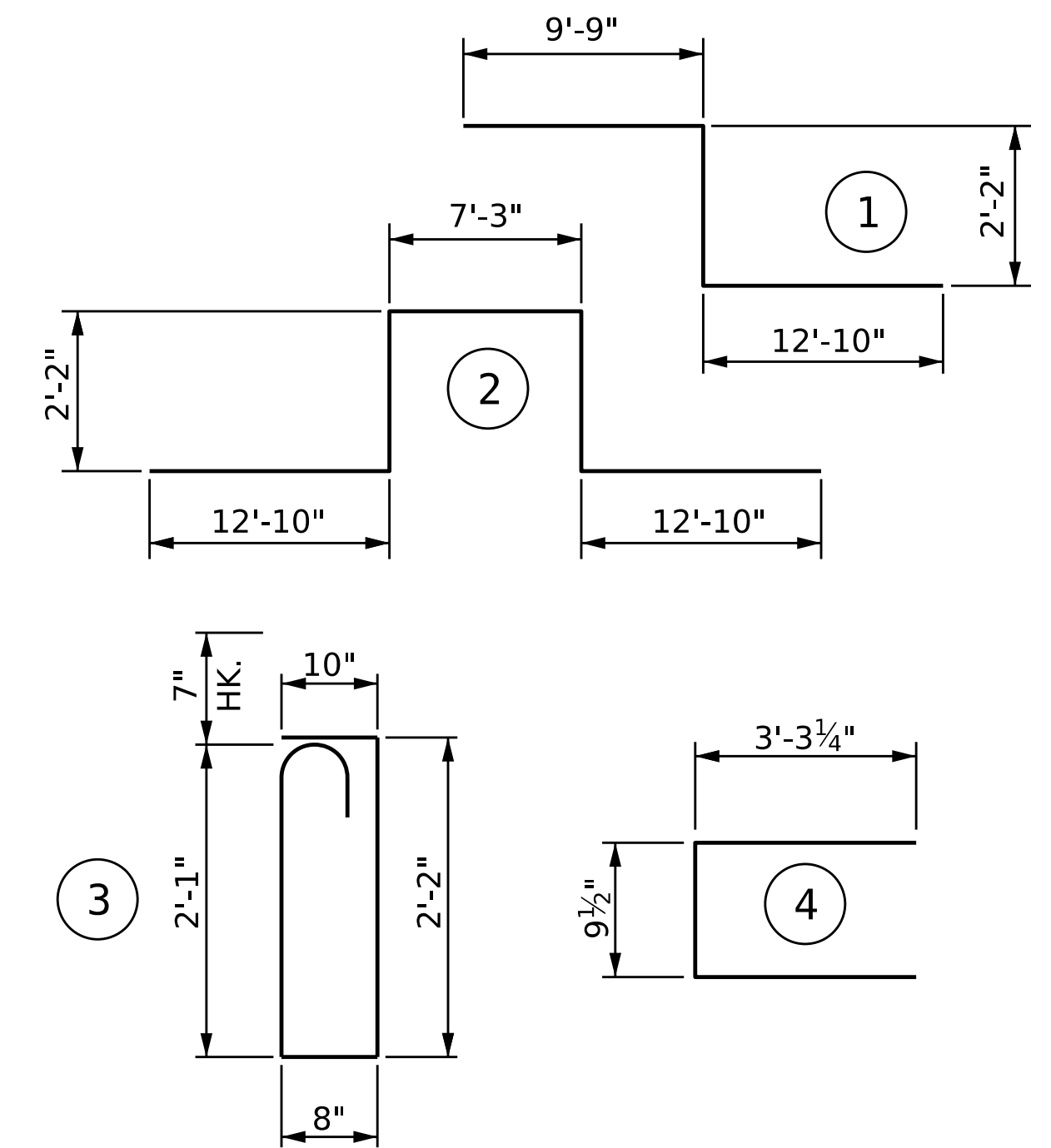
BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	346	#5	STR	35'-11"	12962	A201	4	#5	STR	35'-3"	147	B4	22	#5	STR	51'-1"	1172
A2	346	#5	STR	35'-11"	12962	A202	4	#5	STR	34'-5"	144	* B5	48	#5	STR	40'-10"	2044
* A3	6	#6	STR	23'-6"	212	A203	4	#5	STR	33'-6"	140	B6	22	#5	STR	48'-6"	1113
						A204	4	#5	STR	32'-8"	136	* B7	100	#4	STR	22'-5"	1497
* A101	4	#5	STR	35'-3"	147	A205	4	#5	STR	31'-10"	133	* B8	98	#5	STR	35'-1"	3586
* A102	4	#5	STR	34'-5"	144	A206	4	#5	STR	31'-0"	129	* B9	48	#5	STR	38'-10"	1944
* A103	4	#5	STR	33'-6"	140	A207	4	#5	STR	30'-2"	126						
* A104	4	#5	STR	32'-8"	136	A208	4	#5	STR	29'-4"	122	* G1	4	#5	STR	33'-4"	139
* A105	4	#5	STR	31'-10"	133	A209	4	#5	STR	28'-6"	119						
* A106	4	#5	STR	31'-0"	129	A210	4	#5	STR	27'-8"	115	* K1	8	#8	1	24'-9"	529
* A107	4	#5	STR	30'-2"	126	A211	4	#5	STR	26'-10"	112	* K2	8	#8	2	37'-3"	796
* A108	4	#5	STR	29'-4"	122	A212	4	#5	STR	26'-0"	109	* K3	24	#6	STR	10'-2"	366
* A109	4	#5	STR	28'-6"	119	A213	4	#5	STR	25'-1"	105						
* A110	4	#5	STR	27'-8"	115	A214	4	#5	STR	24'-3"	102	* S1	60	#5	3	6'-4"	396
* A111	4	#5	STR	26'-10"	112	A215	4	#5	STR	23'-5"	98	* S2	60	#4	4	7'-4"	294
* A112	4	#5	STR	26'-0"	109	A216	4	#5	STR	22'-7"	94						
* A113	4	#5	STR	25'-1"	105	A217	4	#5	STR	21'-9"	91						
* A114	4	#5	STR	24'-3"	102	A218	4	#5	STR	20'-11"	87						
* A115	4	#5	STR	23'-5"	98	A219	4	#5	STR	20'-1"	84						
* A116	4	#5	STR	22'-7"	94	A220	4	#5	STR	19'-3"	80						
* A117	4	#5	STR	21'-9"	91	A221	4	#5	STR	18'-5"	77						
* A118	4	#5	STR	20'-11"	87	A222	4	#5	STR	17'-7"	73						
* A119	4	#5	STR	20'-1"	84	A223	4	#5	STR	16'-8"	70						
* A120	4	#5	STR	19'-3"	80	A224	4	#5	STR	15'-10"	66						
* A121	4	#5	STR	18'-5"	77	A225	4	#5	STR	15'-0"	63						
* A122	4	#5	STR	17'-7"	73	A226	4	#5	STR	14'-2"	59						
* A123	4	#5	STR	16'-8"	70	A227	4	#5	STR	13'-4"	56						
* A124	4	#5	STR	15'-10"	66	A228	4	#5	STR	12'-6"	52						
* A125	4	#5	STR	15'-0"	63	A229	4	#5	STR	11'-8"	49						
* A126	4	#5	STR	14'-2"	59	A230	4	#5	STR	10'-10"	45						
* A127	4	#5	STR	13'-4"	56	A231	4	#5	STR	10'-0"	42						
* A128	4	#5	STR	12'-6"	52	A232	4	#5	STR	9'-2"	38						
* A129	4	#5	STR	11'-8"	49	A233	4	#5	STR	8'-3"	34						
* A130	4	#5	STR	10'-10"	45	A234	4	#5	STR	7'-5"	31						
* A131	4	#5	STR	10'-0"	42	A235	4	#5	STR	6'-7"	27						
* A132	4	#5	STR	9'-2"	38	A236	4	#5	STR	5'-9"	24						
* A133	4	#5	STR	8'-3"	34	A237	4	#5	STR	4'-11"	21						
* A134	4	#5	STR	7'-5"	31	A238	4	#5	STR	4'-1"	17						
* A135	4	#5	STR	6'-7"	27	A239	4	#5	STR	3'-3"	14						
* A136	4	#5	STR	5'-9"	24	A240	4	#5	STR	2'-5"	10						
* A137	4	#5	STR	4'-11"	21	A241	4	#5	STR	1'-7"	7						
* A138	4	#5	STR	4'-1"	17												
* A139	4	#5	STR	3'-3"	14	* B1	50	#4	STR	26'-8"	891						
* A140	4	#5	STR	2'-5"	10	B2	135	#5	STR	55'-10"	7862						
* A141	4	#5	STR	1'-7"	7	* B3	98	#5	STR	37'-9"	3859						

SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS

BAR SIZE	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPETS, AND BARRIER RAILS		APPROACH SLABS		PARAPETS AND BARRIER RAILS
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	
*4	1'-11"	1'-7"	1'-11"	1'-7"	2'-6"
*5	2'-5"	2'-0"	2'-5"	2'-0"	3'-1"
*6	2'-10"	2'-5"	3'-7"	2'-5"	3'-8"
*7	4'-2"	2'-9"			
*8	4'-9"	3'-2"			

BAR TYPES



REINFORCING STEEL 26,257 LBS.
* EPOXY COATED REINFORCING STEEL 32,451 LBS.

ALL BAR DIMENSIONS ARE OUT TO OUT

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE (CU. YDS.)	REINFORCING STEEL (LBS.)	* EPOXY COATED REINFORCING STEEL (LBS.)
POUR 1	253.9		
POUR 2	66.8		
TOTALS **	320.7	26,236	32,288

** QUANTITIES FOR BARRIER RAIL ARE NOT INCLUDED

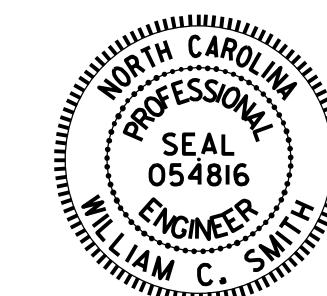
GROOVING BRIDGE FLOORS

APPROACH SLABS	795	SQ.FT.
BRIDGE DECK	8,072	SQ.FT.
TOTAL	8,867	SQ.FT.

PROJECT NO. **B-5981**
DUPLIN COUNTY
STATION: **23+56.64 -L-**

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD
SUPERSTRUCTURE
BILL OF MATERIAL



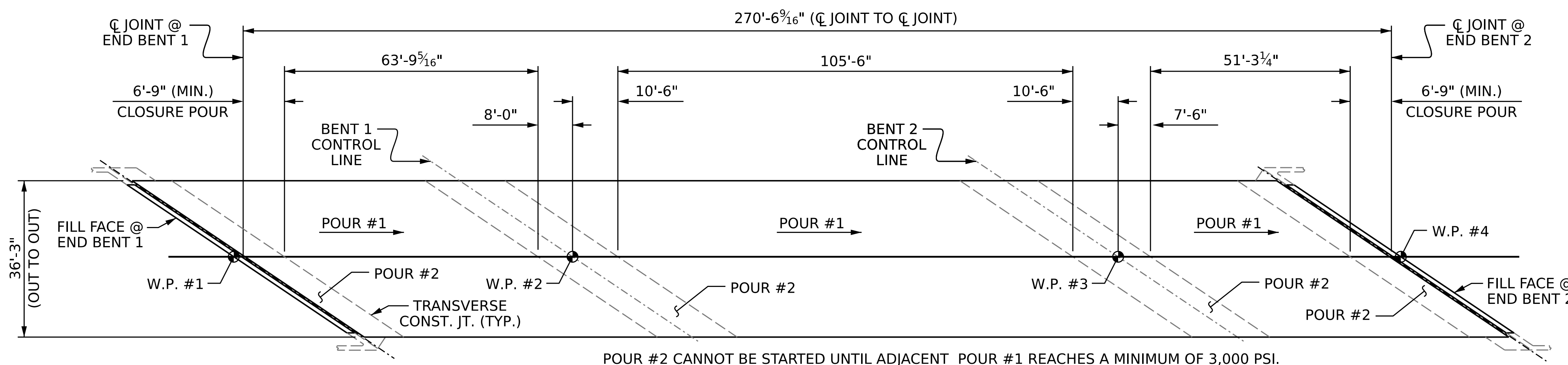
DocuSigned by:
William C. Smith
04262023020410

10/24/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. S1-29
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 43
2			4			

STD. NO. BOM2



LAYOUT FOR COMPUTING AREA
REINFORCED CONCRETE DECK SLAB
(SQ.FT. = 9807)

DESIGN ENGINEER OF RECORD: W.C. SMITH DATE: 3/8/23
ASSEMBLED BY: M.K. BEARD DATE: 10/4/22 CHECKED BY: D.R. SHACKELFORD DATE: 11/18/22
DRAWN BY: JMB 5/87 CHECKED BY: SJD 9/87
REV. 10/1/11 MAA/GM REV. 12/17 MAA/THC REV. 06/19 BNB/THC