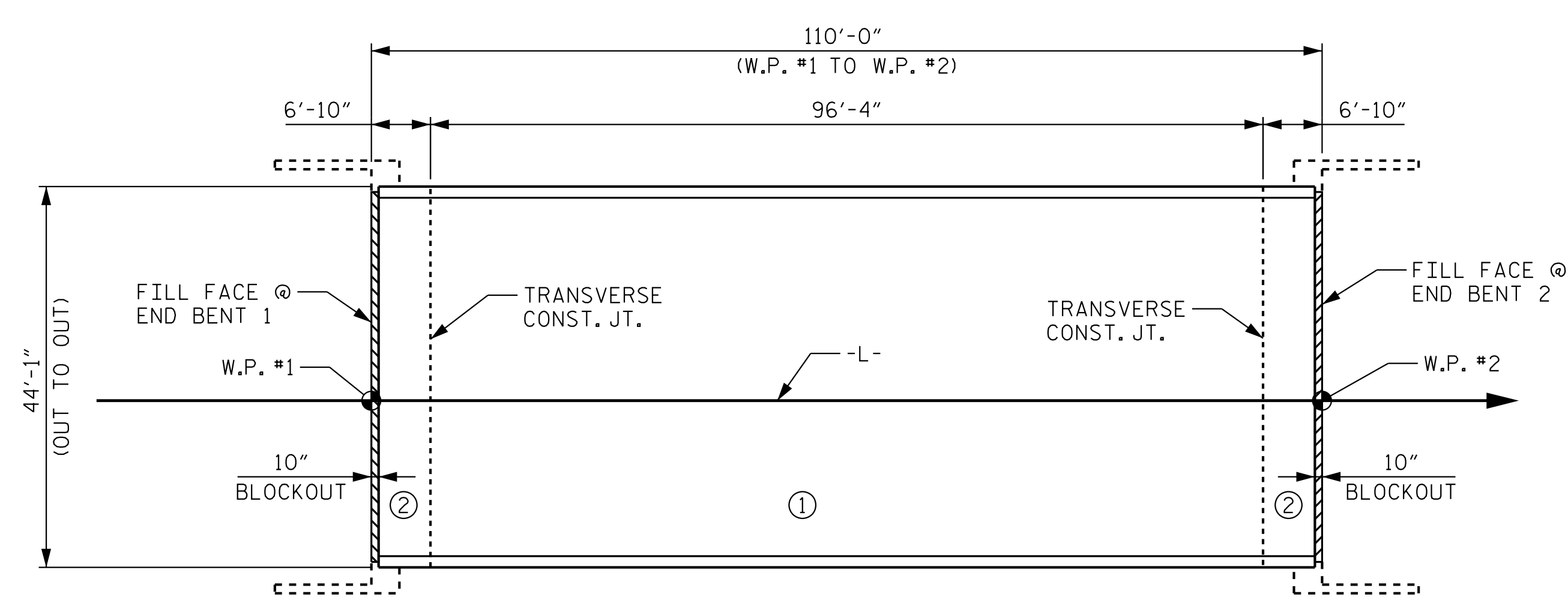
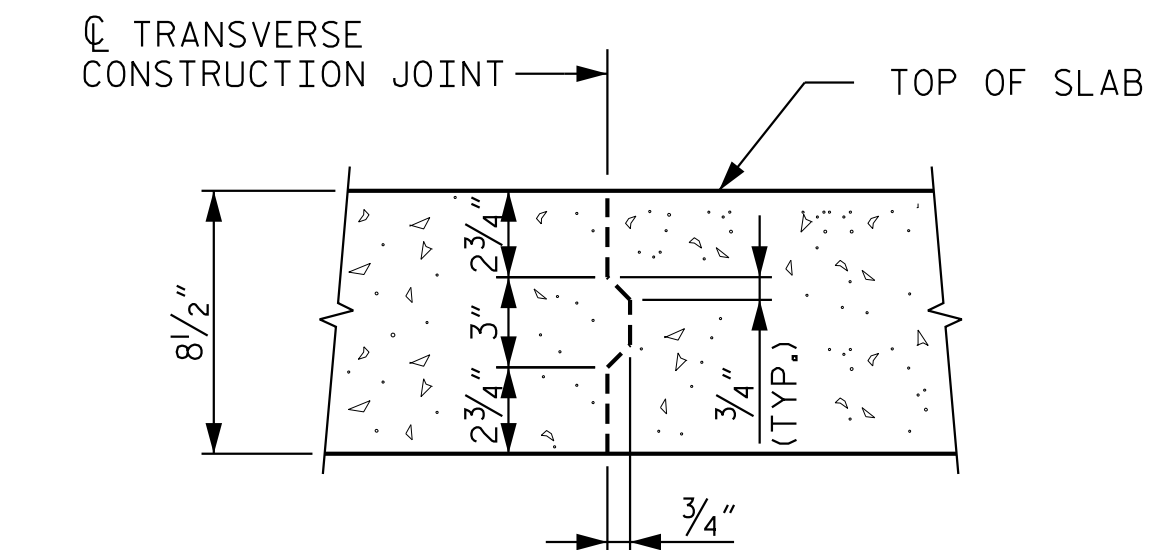


LAYOUT FOR COMPUTING AREA  
REINFORCED CONCRETE DECK SLAB  
(SQ. FT. = 4,776)



POUR SEQUENCE

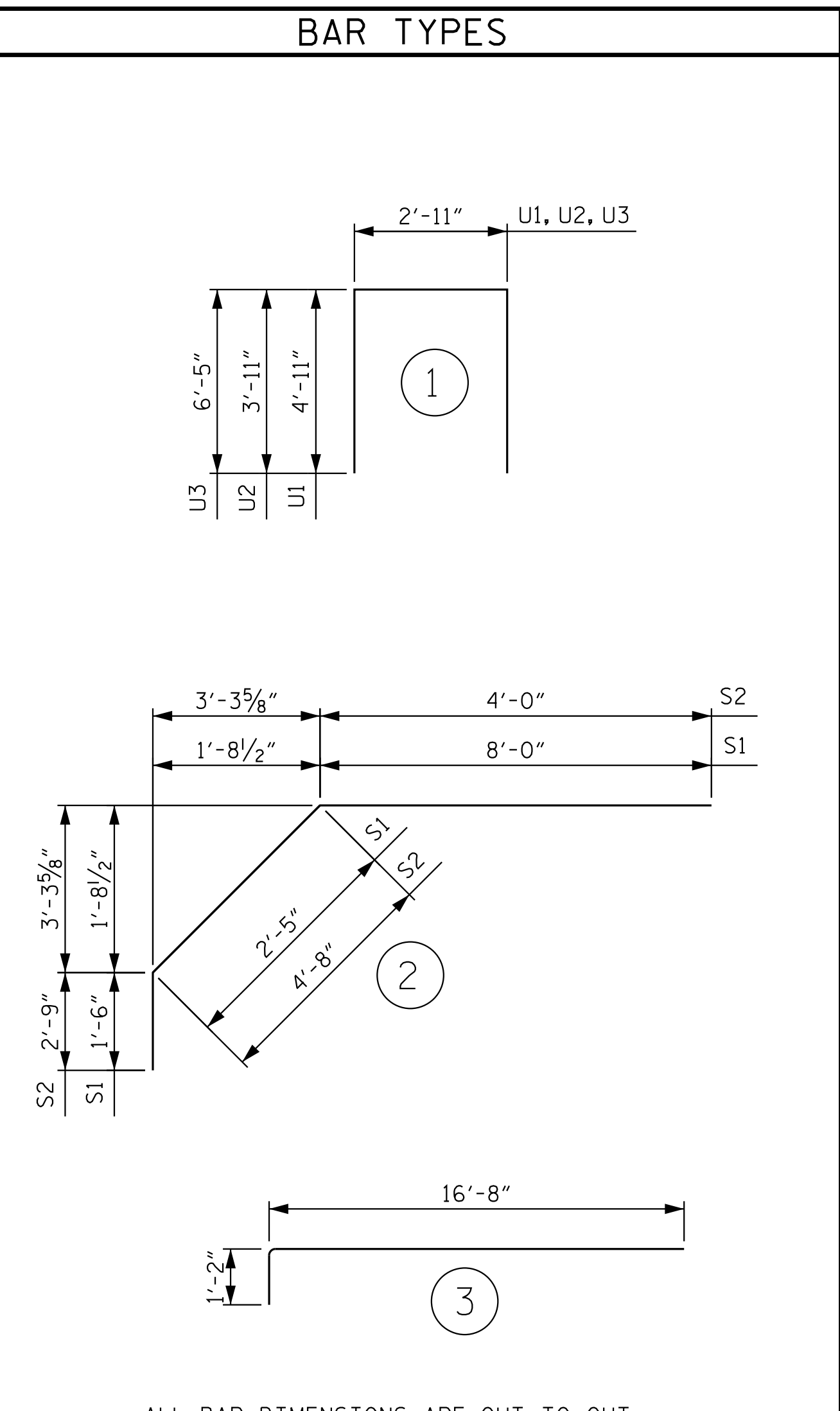
GROOVING BRIDGE FLOORS	
APPROACH SLABS	1,890 SQ.FT.
BRIDGE DECK	4,158 SQ.FT.
TOTAL	6,048 SQ.FT.



TRANSVERSE CONSTRUCTION  
JOINT IN DECK SLAB

REINFORCING STEEL IN SLAB NOT SHOWN, LONGITUDINAL  
REINFORCING STEEL SHALL BE CONTINUOUS THRU JOINT.

BILL OF MATERIAL					
SUPERSTRUCTURE					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	200	5	STR	43'-9"	9,126
A2	200	5	STR	43'-9"	9,126
*B1	60	4	STR	36'-8"	1,470
*B2	176	6	STR	21'-0"	5,551
B3	76	5	STR	55'-0"	4,360
H1	108	7	3	17'-10"	3,937
K1	24	4	STR	25'-8"	411
K2	8	4	STR	6'-9"	36
K3	32	4	STR	8'-4"	178
K4	8	4	STR	5'-4"	29
K5	4	4	STR	5'-1"	14
K6	16	4	STR	5'-11"	63
K7	4	4	STR	4'-5"	12
K8	24	4	STR	2'-8"	43
*S1	56	4	2	11'-11"	446
*S2	56	4	2	11'-5"	427
U1	56	4	1	12'-9"	477
U2	20	4	1	10'-9"	144
U3	12	4	1	15'-9"	126



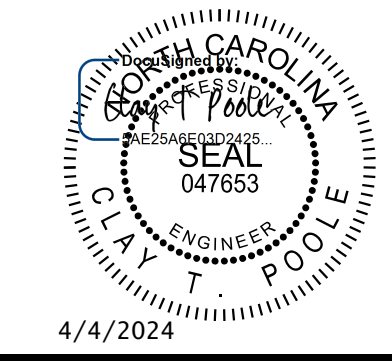
ALL BAR DIMENSIONS ARE OUT TO OUT

BAR SIZE	SUPERSTRUCTURE REINFORCING STEEL LENGTHS ARE BASED ON THE FOLLOWING MINIMUM SPLICE LENGTHS				
	SUPERSTRUCTURE EXCEPT APPROACH SLABS, PARAPET, AND BARRIER RAIL		APPROACH SLABS		PARAPET AND BARRIER RAIL
	EPOXY COATED	UNCOATED	EPOXY COATED	UNCOATED	EPOXY COATED
#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"			

SUPERSTRUCTURE BILL OF MATERIAL			
	CLASS AA CONCRETE	REINFORCING STEEL	*EPOXY COATED REINFORCING STEEL
	(CU. YDS.)	(LBS.)	(LBS.)
SPAN A			
POUR 1	143.2	18,956	17,020
POUR 2	94.1		
TOTALS**	237.3	18,956	17,020

\*\* QUANTITIES FOR CONCRETE PARAPETS ARE NOT INCLUDED

PROJECT NO. U-5108  
MECKLENBURG COUNTY  
STATION: 74+01.00 -L-



**Kimley»Horn**  
421 Fayetteville Street, Suite 600  
Raleigh, NC 27601-1772  
Phone (919) 677-2000 NC LICENSE # F-0102

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE BILL OF MATERIAL					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS
					33

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

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ASSEMBLED BY : J. L. KIMBLE	DATE : 10/2023
CHECKED BY : T. H. ORR	DATE : 10/2023
DRAWN BY : JMB 5/87	REV. 10/1/11 MAA/GM
CHECKED BY : SJD 9/87	REV. 12/17 MAA/THC
	REV. 06/19 BNB/THC