

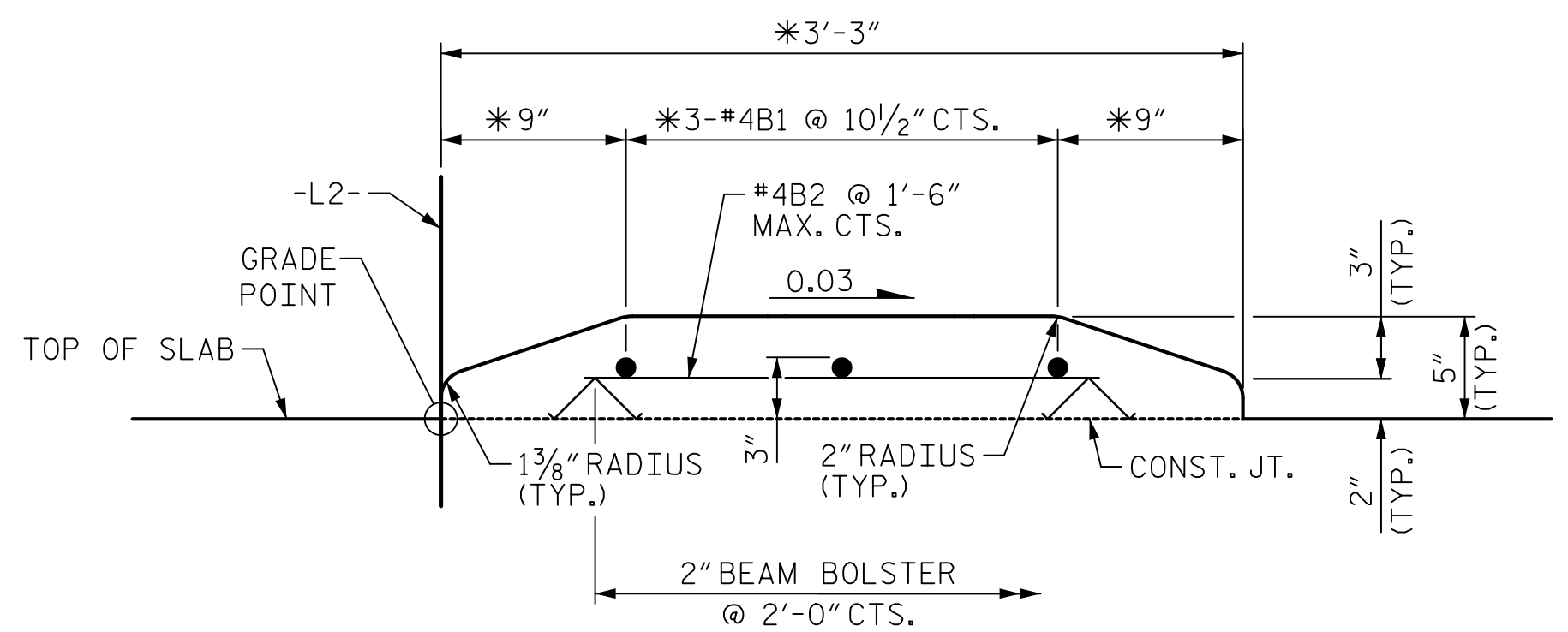
NOTES

NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR MATERIALS OR LABOR TO CONSTRUCT THE MONOLITHIC CONCRETE ISLAND. THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE SQUARE FOOT PRICE BID FOR THE REINFORCED CONCRETE DECK.

ALL REINFORCING STEEL IN THE MONOLITHIC CONCRETE ISLAND SHALL BE EPOXY COATED.

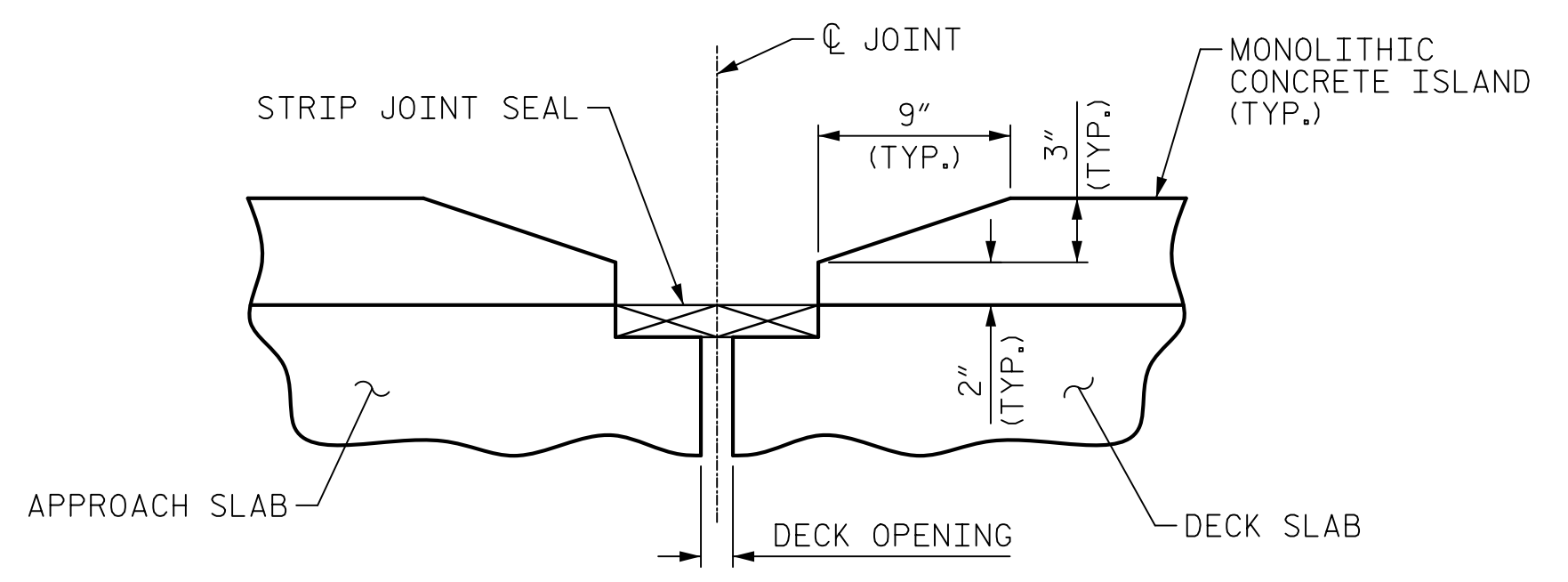
GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE MONOLITHIC CONCRETE ISLAND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8-FT TO 10-FT BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10-FT IN LENGTH.

MONOLITHIC CONCRETE ISLAND SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.



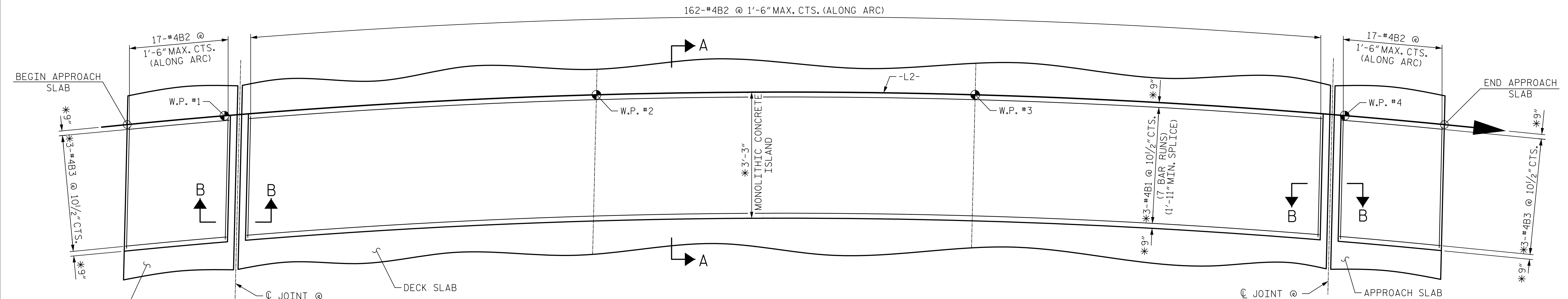
SECTION A-A

* RADIAL DIMENSION



SECTION B-B

REINFORCING STEEL IN APPROACH SLAB, DECK SLAB, AND MONOLITHIC CONCRETE ISLAND NOT SHOWN FOR CLARITY.



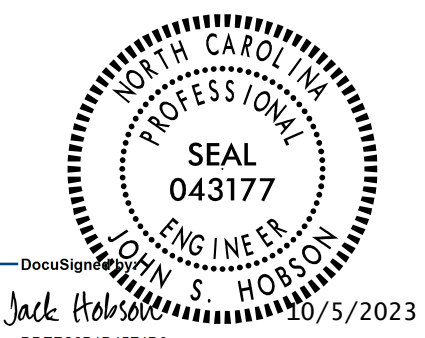
PLAN

* RADIAL DIMENSION

BILL OF MATERIAL					
FOR MONOLITHIC CONCRETE ISLAND					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	21	#4	STR	36'-4"	510
* B2	196	#4	STR	2'-1"	273
* B3	6	#4	STR	24'-4"	98
*EPOXY COATED REINFORCING STEEL				881 LBS.	
CLASS AA CONCRETE				12.6 CU. YDS.	



111 E. Hargett Street
Suite 300
Raleigh, NC 27601
919-714-8670
meadhunt.com
NC License No. F-1235



PROJECT NO. U-5808
UNION COUNTY
STATION: 55+00.96 -L2-

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE

MONOLITHIC CONCRETE ISLAND

DRAWN BY : J.S. HOBSON DATE : 05/24/23
CHECKED BY : C.C. CAMPBELL DATE : 06/16/23
DESIGN ENGINEER OF RECORD : J.S. HOBSON DATE : 08/30/23

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

TOTAL SHEETS: 56