

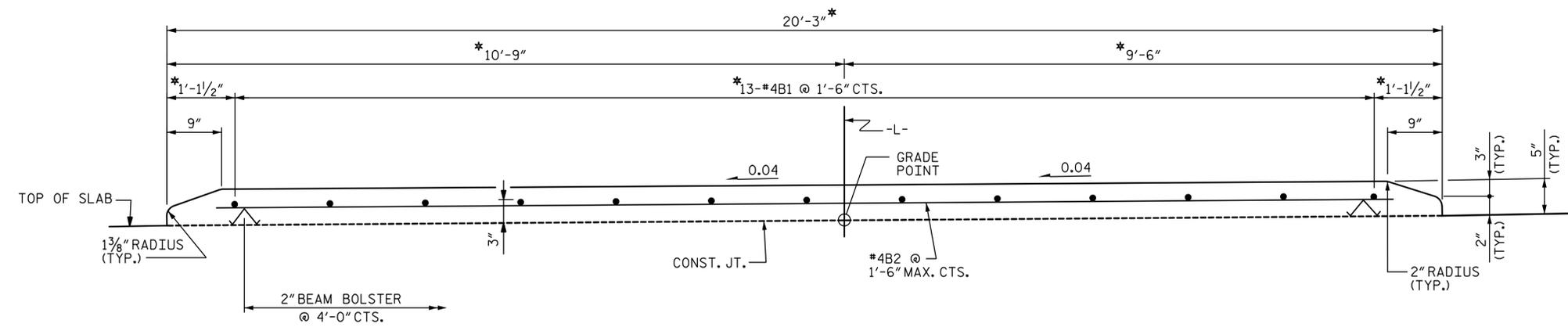
**NOTES**

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 SLAB.

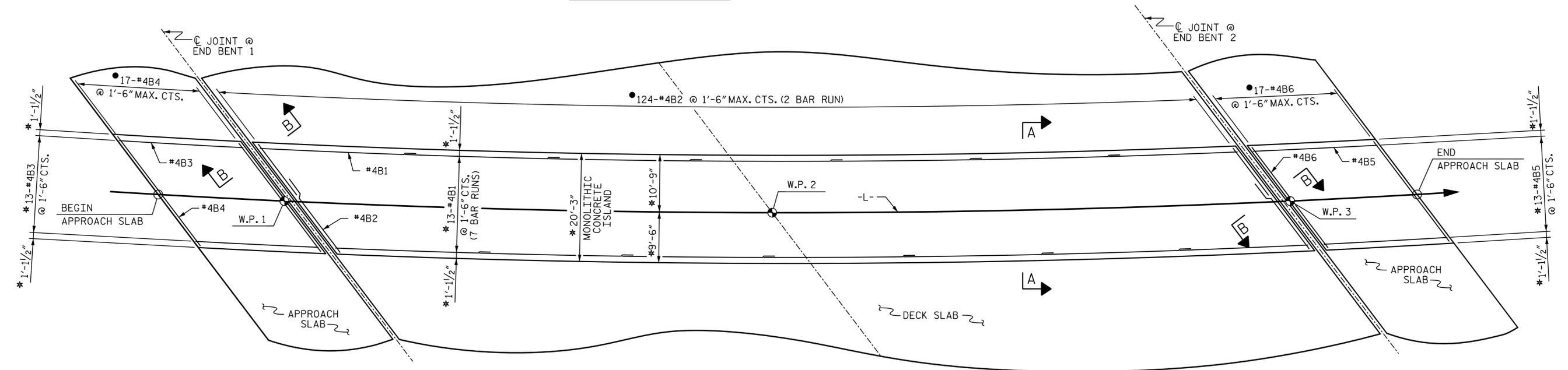
ALL REINFORCING STEEL IN MONOLITHIC CONCRETE ISLAND SHALL BE EPOXY COATED.

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 8FT. TO 10FT. BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINTS WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.

MONOLITHIC CONCRETE ISLAND SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3000psi.



**SECTION A-A**

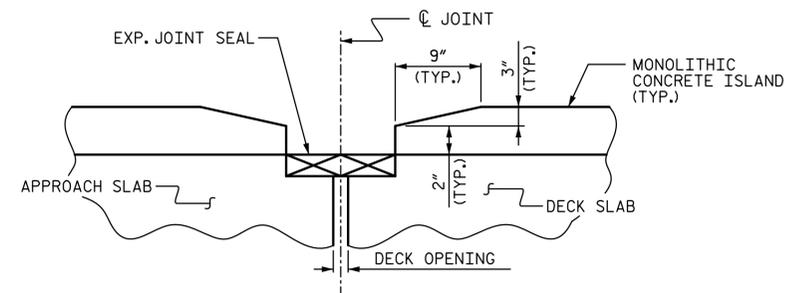


**PLAN**

\* RADIAL DIMENSION  
● MEASURED ALONG ARC

**BILL OF MATERIAL FOR MONOLITHIC CONCRETE ISLAND**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	91	#4	STR	28'-1"	1,707
* B2	248	#4	STR	13'-4"	2,209
* B3	13	#4	STR	23'-4"	203
* B4	17	#4	STR	24'-7"	279
* B5	13	#4	STR	23'-6"	204
* B6	17	#4	STR	22'-9"	258
* EPOXY COATED REINFORCING STEEL					4,860 LBS.
CLASS AA CONCRETE					71.5 CU. YDS.



**SECTION B-B**

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

PROJECT NO. U-4751  
NEW HANOVER COUNTY  
 STATION: 38+94.20 -L-

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH		SUPERSTRUCTURE  <b>MONOLITHIC CONCRETE ISLAND</b>	SHEET NO. S1-8 TOTAL SHEETS 36
		REVISIONS			
		NO.	BY:		
1			3		
2			4		

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