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NOTES

CLASSIC CONCRETE BRIDGE RAIL IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN THE CLASSIC CONCRETE BRIDGE RAIL SHALL BE EPOXY COATED.

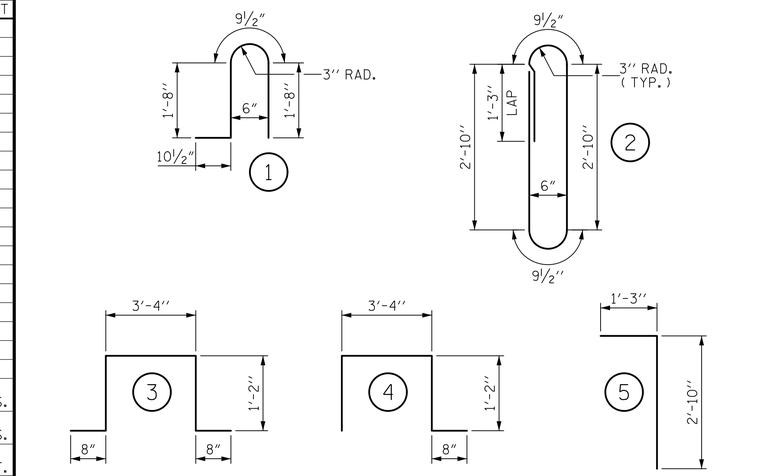
BILL OF MATERIAL

FOR CLASSIC CONCRETE BRIDGE RAIL ONLY

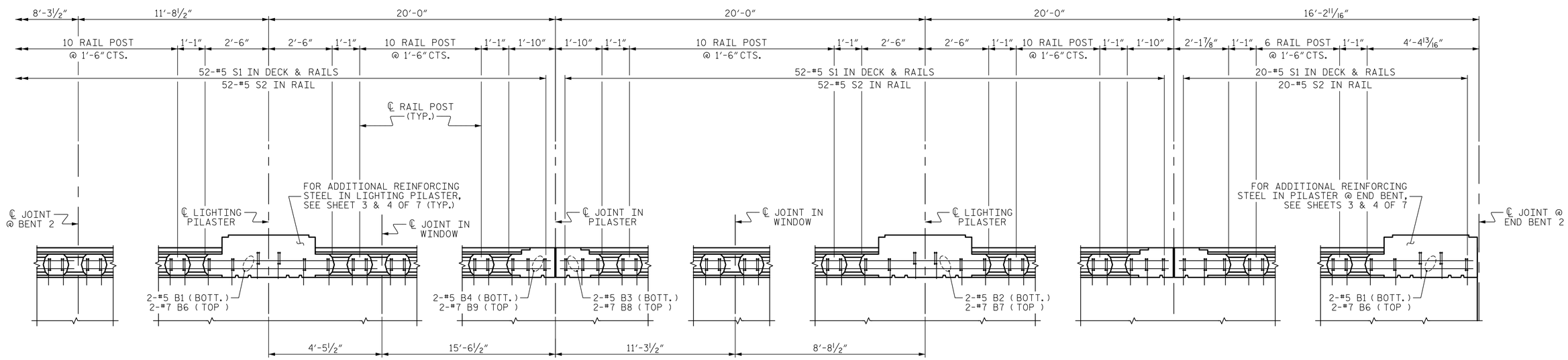
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B1	16	5	STR.	15′-9″	263
✳ B2	16	5	STR.	28′-4″	473
✳ B3	16	5	STR.	10′-11″	182
✳ B4	8	5	STR.	15′-2″	127
✳ B5	8	5	STR.	7′-11″	66
✳ B6	16	7	STR.	15′-9″	515
✳ B7	16	7	STR.	28′-7″	935
✳ B8	16	7	STR.	10′-8″	349
✳ B9	8	7	STR.	15′-5″	252
✳ B10	8	7	STR.	7′-8″	125
✳ S1	704	5	1	5′-0″	3671
✳ S2	704	5	2	8′-6″	6241
✳ U1	48	5	3	7′-0″	350
✳ U2	16	5	4	6′-4″	106
✳ V1	64	5	5	4′-1″	273

✳ EPOXY COATED REINF. STEEL	13,928 LBS.
CLASS AA CONCRETE	77.0 CU. YDS.
CLASSIC CONCRETE BRIDGE RAIL	544.9 LIN. FT.

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT



PLAN OF SPAN C

(FOR EXACT PLACEMENT OF "S" BARS IN DECK & RAIL, SEE SHEET 4 OF 7)
(LEFT SIDE SHOWN, RIGHT SIDE SIMILAR)

PROJECT NO. B-5103
NEW HANOVER COUNTY
STATION: 16+84.96 -L-

SHEET 7 OF 7

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

CLASSIC CONCRETE BRIDGE RAIL WITH SIDEWALK

Prepared by
URS
URS Corporation – North Carolina
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PHONE: (919) 461-1100 FAX: (919) 461-1415
NC LIC.# C-2243

11/5/2014
NORTH CAROLINA PROFESSIONAL SEAL 038447 ENGINEER ANDREW S. MILLER
DocuSigned by: Andrew S. Miller
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REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-28
1			3			TOTAL SHEETS
2			4			48

DRAWN BY : M. K. TOM DATE : 7/22/14
CHECKED BY : K. H. COMPTON DATE : 8/22/14
DESIGNED BY : M. K. TOM DATE : 7/22/14

11/5/2014
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