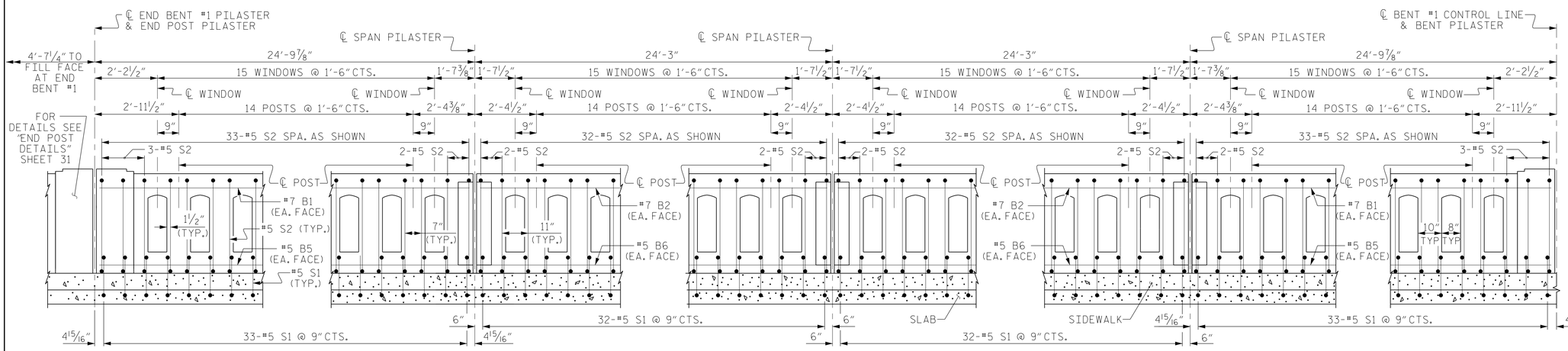
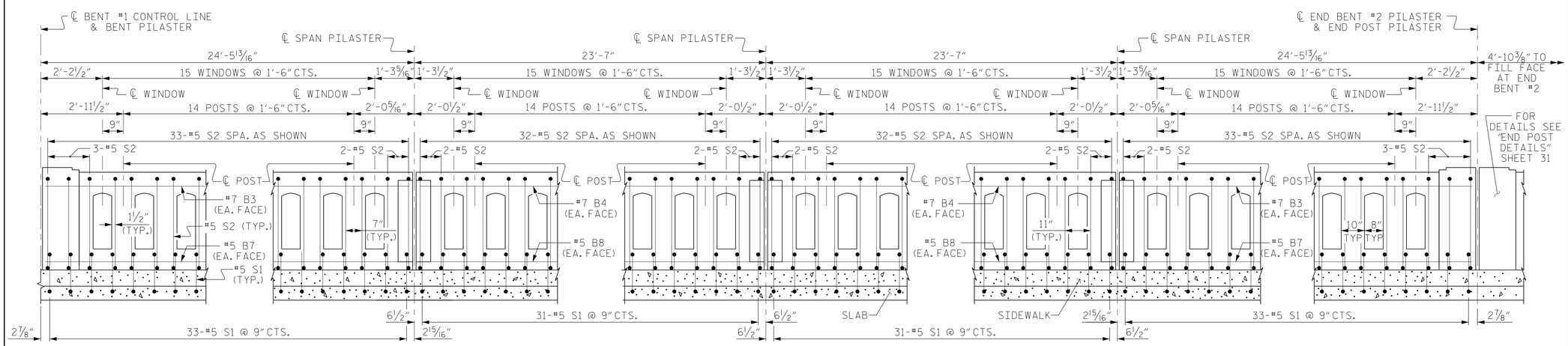


REINFORCING PLACEMENT- SPAN "A"

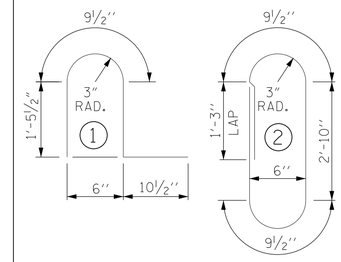
DIMENSIONS SHOWN ARE ALONG ROADWAY FACE OF RAIL
STAGE I CONSTRUCTION SHOWN, STAGE II CONSTRUCTION IS SIMILIAR



REINFORCING PLACEMENT- SPAN "B"

DIMENSIONS SHOWN ARE ALONG ROADWAY FACE OF RAIL
STAGE I CONSTRUCTION SHOWN, STAGE II CONSTRUCTION IS SIMILIAR

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

FOR CLASSIC BRIDGE RAILING ONLY

STAGE I CONSTRUCTION

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳B1	4	#7	STR	24'-4"	199
✳B2	4	#7	STR	23'-10"	195
✳B3	4	#7	STR	24'-0"	196
✳B4	4	#7	STR	23'-2"	189
✳B5	4	#5	STR	24'-4"	102
✳B6	4	#5	STR	23'-10"	99
✳B7	4	#5	STR	24'-0"	100
✳B8	4	#5	STR	23'-2"	97
✳S1	258	#5	1	4'-7"	1233
✳S2	260	#5	2	8'-6"	2305

✳EPOXY COATED REINFORCING STEEL 4715 LBS.
CLASS AA CONCRETE 22.7 CU. YDS.
CONCRETE BRIDGE RAIL 194.28 LIN. FT.

STAGE II CONSTRUCTION

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳B1	4	#7	STR	24'-4"	199
✳B2	4	#7	STR	23'-10"	195
✳B3	4	#7	STR	24'-0"	196
✳B4	4	#7	STR	23'-2"	189
✳B5	4	#5	STR	24'-4"	102
✳B6	4	#5	STR	23'-10"	99
✳B7	4	#5	STR	24'-0"	100
✳B8	4	#5	STR	23'-2"	97
✳S1	258	#5	1	4'-7"	1233
✳S2	260	#5	2	8'-6"	2305

✳EPOXY COATED REINFORCING STEEL 4715 LBS.
CLASS AA CONCRETE 22.7 CU. YDS.
CONCRETE BRIDGE RAIL 194.28 LIN. FT.

PROJECT NO. I-0914BA
VANCE COUNTY
STATION: 22+06.96 -Y1- POT

SHEET 3 OF 3

NORTH CAROLINA PROFESSIONAL SEAL 11725 ENGINEER DAVID R. RUGGLES

DocuSigned by: David Ruggles C462768DF412422... 11/17/2014

DWG. 30 OF 48

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STEWART

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

CLASSIC CONCRETE BRIDGE RAIL WITH SIDEWALK

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-30
1			3			TOTAL SHEETS
2			4			177

DRAWN BY:	J. LOFTUS	DATE :	09/14
CHECKED BY:	P. JACOB	DATE :	09/14
DESIGN ENGINEER OF RECORD:	D. RUGGLES	DATE :	09/14