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—— BAR TYPES ———		BILL OF MATERIAL				
	FOR	CON	ICRE ⁻	ΓΕ Β	ARRIEF	R RAIL
	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
$\frac{1'-0'/2''}{2}$	B1E	88	5	STR	14'-8″	1346
8 ⁷ / ₁₆ " <u>4"</u>	B2E	374	5	STR	25′-7″	9980
$5^{3/4}$						
	S1E	980	5	1	4'-7"	4685
	S2E	980	5	2	7′-0″	7155
	S3E	16	5	STR	4'-0"	67
2 ¹ /4" RAD.	EPOXY COATED					
	REIN	FORCI	NG STE	EL	2	23233 LB
	CLASS ``AA'' CONCRETE 133.8 CY					
	CLAS	5 AA	CONC	REIE		133.8 CY
8"			BARRIE		1	985.4 LF
(2)	CUNC					
\bigcirc					POXY COAT	ED
			RETNE	JRUIN	S STEEL	
BAR DIMENSIONS ARE OUT TO OUT						
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THE BARRIER RAIL IN EACH CONTINUOUS UNIT AND ON APPROACH SLABS SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT CONTINUOUS UNIT AND APPROACH SLAB HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE GTH OF 3,000 PSI.

EINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

ED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED OF THE BARRIER RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE ARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH POINT BETWEEN BARRIER RAIL EXPANSION JOINTS. ONLY ONE CONTRACTION IS REQUIRED AT MIDPOINT OF BARRIER RAIL SEGMENTS LESS THAN 20 FEET NGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS 10 FEET IN LENGTH.

THE #5 SIE AND SZE BARS MAY BE SHIFTED AS NECESSARY TO MAINTAIN A 2"MINIMUM CLEARANCE FROM THE CENTERLINE OF THE EXPANSION JOINTS IN BARRIER

FOR DETAILS, QUANTITIES AND LIN. FEET FOR CONCRETE BARRIER RAIL ON APPROACH SLAB, SEE "BRIDGE APPROACH SLAB DETAILS" SHEETS.

	PROJECT NO. <u>U-3109A</u> <u>ALAMANCE</u> COUNTY STATION: <u>146+61.35</u> -L-				
SHEET 3 OF 3 STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH SUPERSTRUCTURE					
ARED BY: INEERS SOCIATES I'd Drive	CONCRETE BARRIER RAIL (NBL)				
7518 468 598 (Fax) onengr.com N0. C-2521	REVISIONS SHEET NO. NO. BY: DATE: NO. BY: DATE: SO3-29 1 3 3 1 TOTAL SHEETS SO3-53				