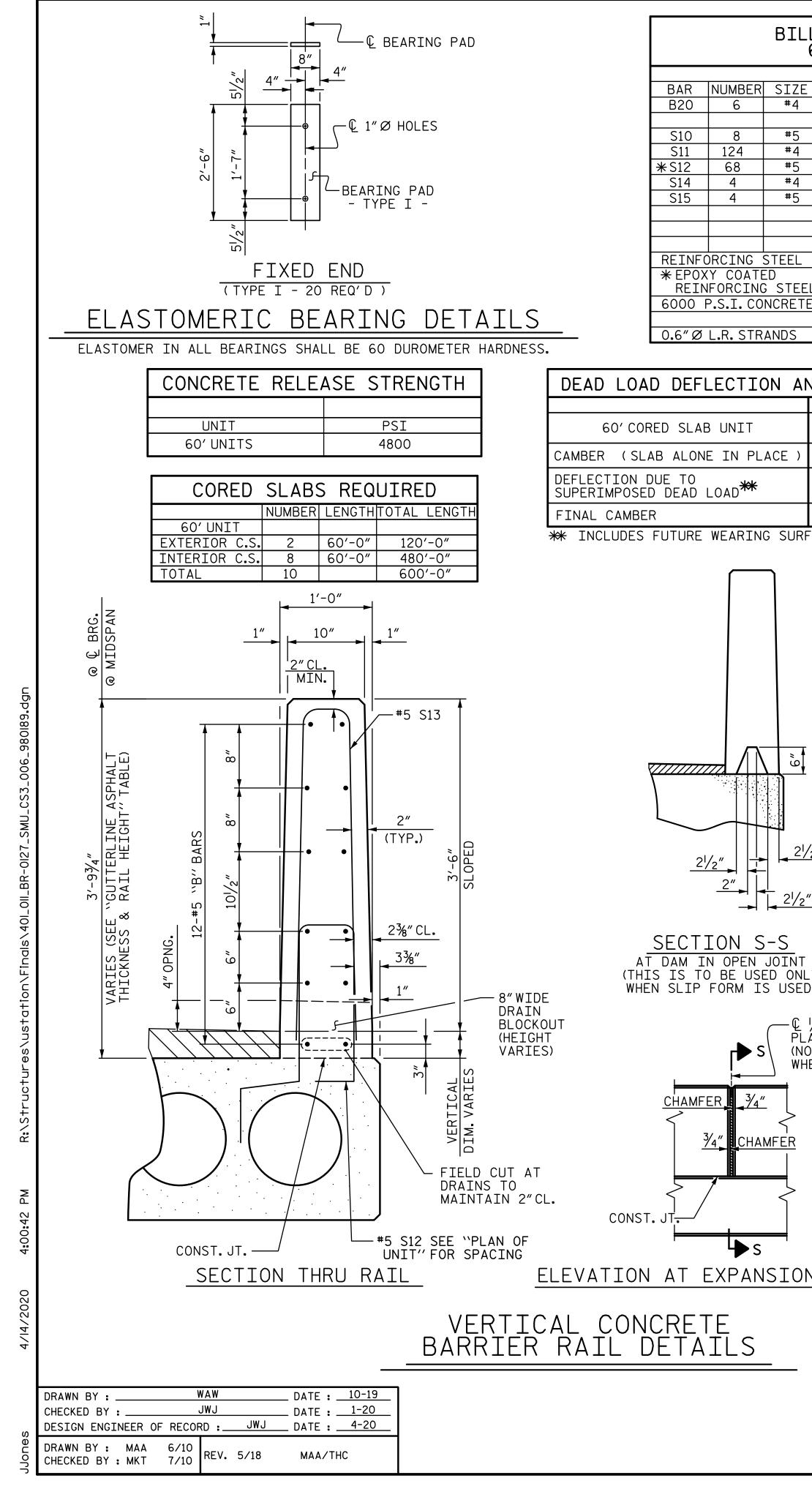
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				BAR TYPES				
L OF MATERIAL 60'CORED SLAB	UNIT			7″	-	<u>6″</u>	ALL P	
EXTERIOR E TYPE LENGTH N STR 21'-2"	NEIGHT L 85 2 40 483 402	INTERIOR UNIT ENGTH WEIGHT 21'-2" 85 4'-9" 40 5'-10" 483 5'-7" 15 7'-1" 30				2	AND S SHALL ALL R AND S CORED RECES THE S THE 2 NON-S	
LBS.	653	653	, , , , , , , , , , , , , , , , , , ,				THE B SEE S	
EL LBS. FE CU. YDS.	402 10 . 2	10.2		S15, 1′-8 ¹ /2″ _1			WHEN TO PF TO CA	
No. ND CAMBER 3'-0" × 2'-0" 0.6" Ø L.R. STRAND 1 ⁷ / ₈ " ↓	24	24		S14 2'-7" S11 2'-8" S10 1'-9" I 015 I 9-,1	1'-7" S11 2'-8 ¹ /4" S15		REVIE ADDIT SHALL THE T DONE THAN ALL R COATE PREST	
!∕₂″ ↓				ALL BAR DIMENS	SIONS ARE OUT	TO OUT.	APPLY	
1 ³ ⁄ ₈ ″ ↓ RFACE	*B23 *S13 *EPOXY (CLASS AA	OF MATERIA BARS PER PAIR OF 60' UI 48 130 COATED REINFORCIN CONCRETE RTICAL CONCRETE I	EXTERIOR UN NIT 3 6 NG STEEL	RTICAL CONC TS TOTAL NO. 48 136	RETE BAR	LENGTH WEIGH 29'-7" 1,48 7'-2" 1,01 2,498 5. 15.5	THIRE JOINT IN LE THAN FLAME MAINT TENSI	
				ALT THICKNE				
Ţ				ASPHALT OVERLAY @ MID-SP	THICKNESS	RAIL HEIGHT @ MID-SPAN	FOR C THE P CONTF	
		60' UNITS		1 ⁵ ⁄8″		3′-75⁄8″	THE P THE C SECTI	
<u>1/2"</u> 2 ["]				GRADE 270 AREA (SQUARE INCHES ULTIMATE STREN (LBS.PER STRAN APPLIED PRESTRE	0.6″ØL.) 0.217 GTH 58,600		INSEF THE P IMMEL THE C BID F THE D BLOCK	
I IL Y ID)			. 2'	-0"	43,950		OF TH APPLY	
<u>V2</u> "EXP.JT.MAT'L HELD LACE WITH GALVANIZED IOTE: OMIT EXP.JT.MA HEN SLIP FORM IS US FIELD *5	D CUT S13 #5 S12	1'-0" 10" 1" FIELD ``B'' B SUB SUB SUB SUB SUB SUB SUB SU	BEND 6	ES S12 6" 4-#5 S12 S13 @ CTS. D CUT CUT CONST. JT.	+5 S +5 S (TYP	13	SLAB FOR F 2 ¹ / ₂ " P	
	END VI			SIDE VIE	W	<Ĵ>ST		
		END OF F	RAIL DE	LIAILS			DOCUME FI SIGN	

NOTES

_ PRESTRESSING STRANDS SHALL BE 7-WIRE LOW RELAXATION GRADE 270 STRANDS D SHALL CONFORM TO AASHTO M2O3 EXCEPT FOR SAMPLING REQUIREMENTS WHICH ALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

_ REINFORCING STEEL CAST WITH THE CORED SLAB SECTIONS SHALL BE GRADE 60 D SHALL BE INCLUDED IN THE UNIT PRICE BID FOR PRESTRESSED CONCRETE RED SLABS.

CESSES FOR TRANSVERSE STRANDS SHALL BE GROUTED AFTER THE TENSIONING OF

 $2^{1\!/_{2}''} \varnothing$ dowel holes at fixed ends of slab sections shall be filled with -shrink grout.

BACKER RODS SHALL CONFORM TO THE REQUIREMENTS OF TYPE M BOND BREAKER. SECTION 1028 OF THE STANDARD SPECIFICATIONS.

EN CORED SLABS ARE CAST, AN INTERNAL HOLD-DOWN SYSTEM SHALL BE EMPLOYED PREVENT VOIDS FROM RISING OR MOVING SIDEWAYS.AT LEAST SIX WEEKS PRIOR CASTING CORED SLABS, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR VIEW AND COMMENT, DETAILED DRAWINGS OF THE PROPOSED HOLD-DOWN SYSTEM.IN DITION TO STRUCTURAL DETAILS, LOCATION AND SPACING OF THE HOLD-DOWNS ALL BE INDICATED.

E TRANSFER OF LOAD FROM THE ANCHORAGES TO THE CORED SLAB UNIT SHALL BE NE WHEN THE CONCRETE HAS REACHED A COMPRESSIVE STRENGTH OF NOT LESS AN THE REQUIRED STRENGTH SHOWN IN THE ``CONCRETE RELEASE STRENGTH'' TABLE.

REINFORCING STEEL IN VERTICAL CONCRETE BARRIER RAILS SHALL BE EPOXY

ESTRESSING STRANDS SHALL BE CUT FLUSH WITH THE CORED SLAB UNIT ENDS.

PLY EPOXY PROTECTIVE COATING TO CORED SLAB UNIT ENDS.

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

AME CUTTING OF THE TRANSVERSE POST-TENSIONING STRAND IS NOT ALLOWED.

INTAIN A SYMMETRIC TENSION FORCE BETWEEN EACH PAIR OF TRANSVERSE POST NSIONING STRANDS IN THE DIAPHRAGM.

E #4 S11 STIRRUPS MAY BE SHIFTED AS NECESSARY TO MAINTAIN 1"CLEAR TO THE OUTED RECESS.

GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.

PERMITTED THREADED INSERTS ARE DETAILED AS AN OPTION FOR THE ITRACTOR TO ATTACH FALSEWORK AND FORMWORK DURING CONSTRUCTION.

E PERMITTED THREADED INSERTS IN THE EXTERIOR UNITS SHALL BE SIZED BY E CONTRACTOR, SPACED AT 4'-O"CENTERS AND GALVANIZED IN ACCORDANCE WITH CTION 1076 OF THE STANDARD SPECIFICATIONS. STAINLESS STEEL THREADED SERTS MAY BE USED AS AN ALTERNATE.

E PERMITTED THREADED INSERTS SHALL BE GROUTED BY THE CONTRACTOR MEDIATELY FOLLOWING REMOVAL OF THE FALSEWORK.

COST OF THE PERMITTED THREADED INSERTS SHALL BE INCLUDED IN THE PRICE FOR THE PRECAST UNITS.

E DRAIN OPENING AT THE GUTTERLINE SHALL BE 4"X 8". THE HEIGHT OF THE DCKOUT IN THE VERTICAL CONCRETE BARRIER RAIL SHALL EXTEND FROM THE TOP THE CORED SLAB UNIT TO THE TOP OF THE DRAIN OPENING.

PLY EPOXY PROTECTIVE COATING TO EXTERIOR FACE OF THE EXTERIOR CORED AB UNITS THAT REQUIRE DRAINS IN THE BARRIER RAIL.

FIBER OPTIC CONDUIT SYSTEM, SEE SPECIAL PROVISIONS.

2"PVC PIPE SHALL BE RAISED ABOVE TOP OF DECK DRAIN OPENINGS AS REQUIRED.

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	STATI	ON:	16+09	.00 -L·	
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SEAL 038640	PRE	RTMENT S ⁻ 3'-0 STRES	OF NORTH CAR OF TRAI RALEIGH TANDAR "X 2 SSED SLAE	NSPORTA D 2'-0" CONCR	RETE
100 ears STV ENGINEERS, INC. 900 West Trade St., Suite 715 Charlotte, NC 28202 NC License Number F-0991					
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MENT NOT CONSIDERED	NO. BY:	DATE:	NO. BY: മ	DATE:	5-6 TOTAL
NATURES COMPLETED	1		3 4		SHEETS 13