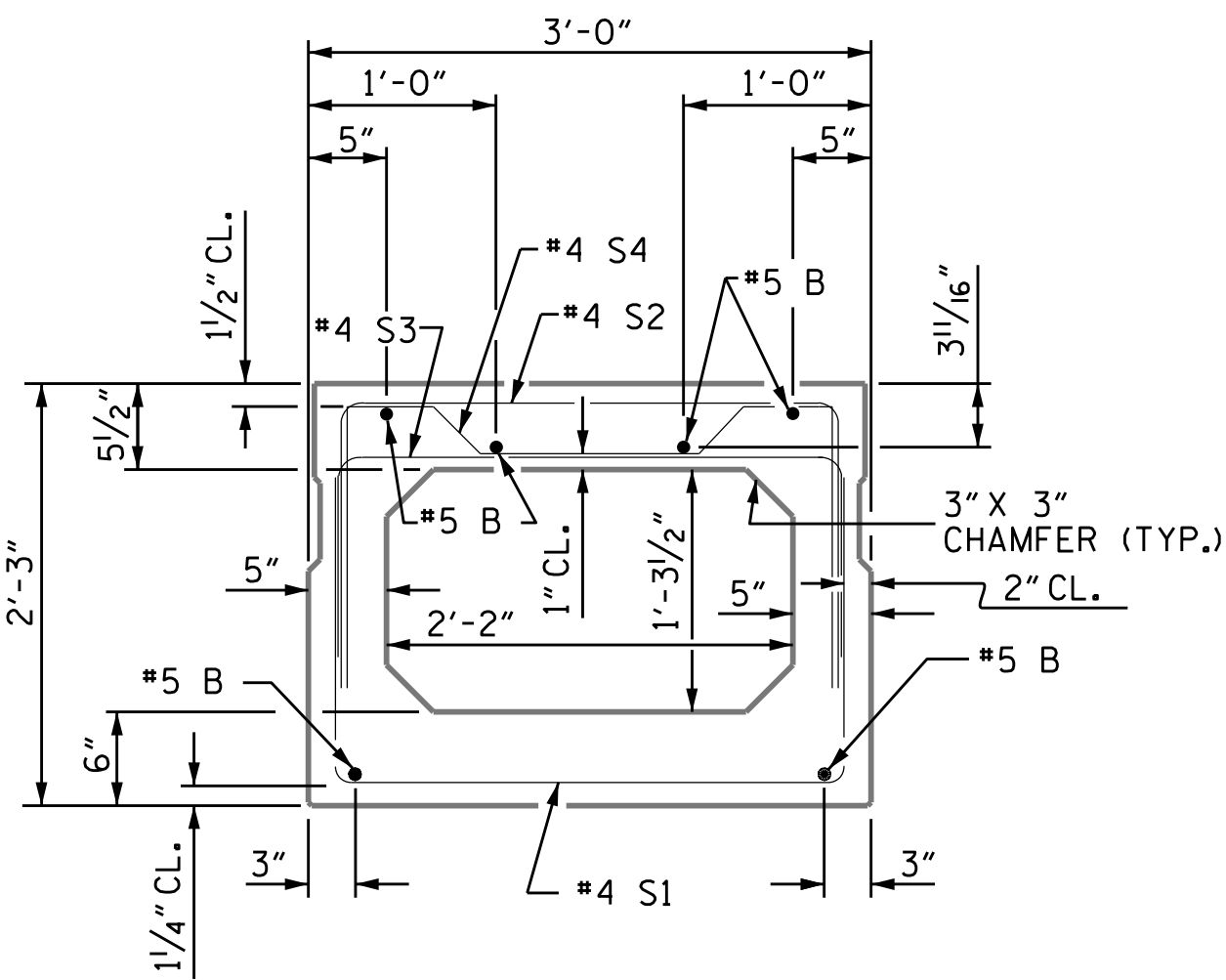


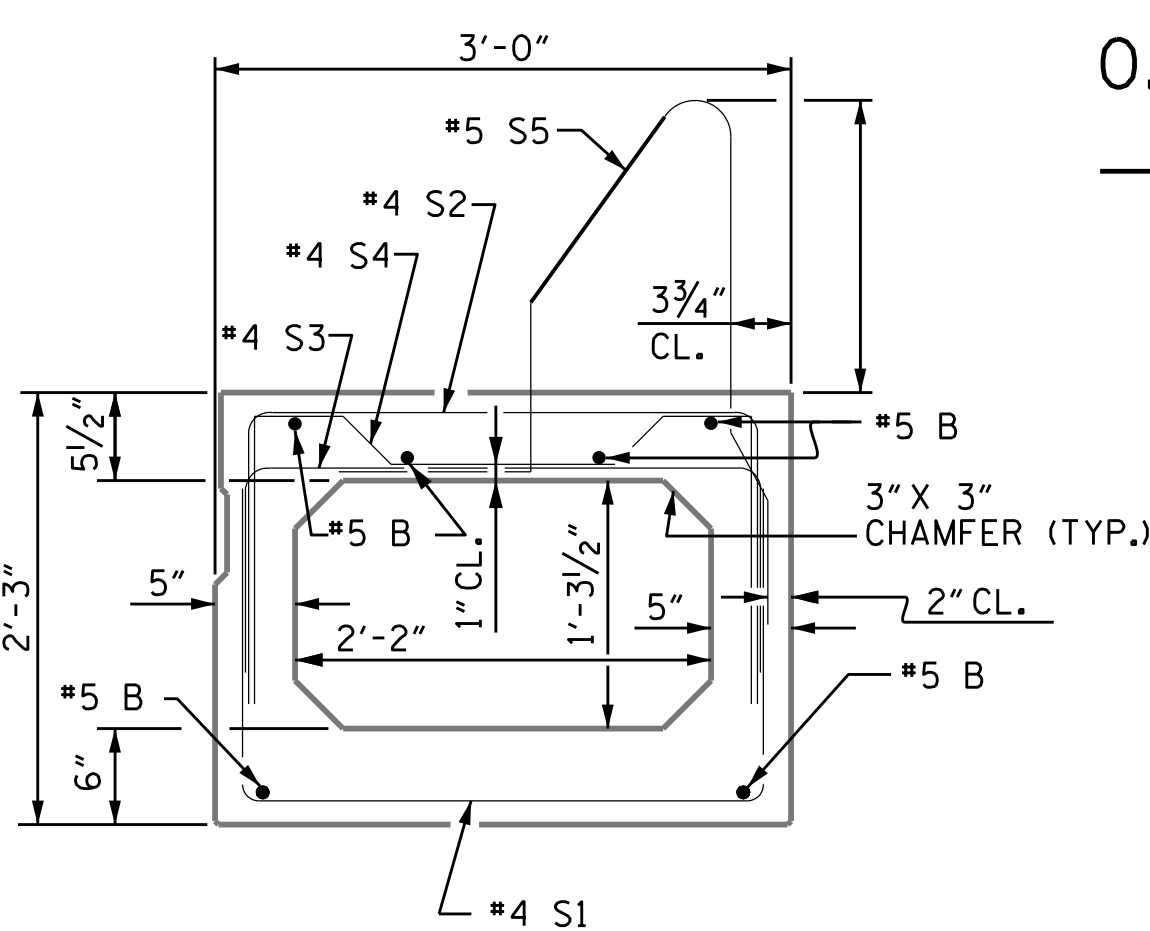
END ELEVATION

SHOWING PLACEMENT OF #5 & #4 "A" BARS AND LOCATION OF DOWEL HOLES. (INTERIOR BOX BEAM SECTION SHOWN-EXTERIOR SECTION SIMILAR EXCEPT SHEAR KEY LOCATION. STRAND LAYOUT NOT SHOWN.)



INTERIOR BOX BEAM SECTION

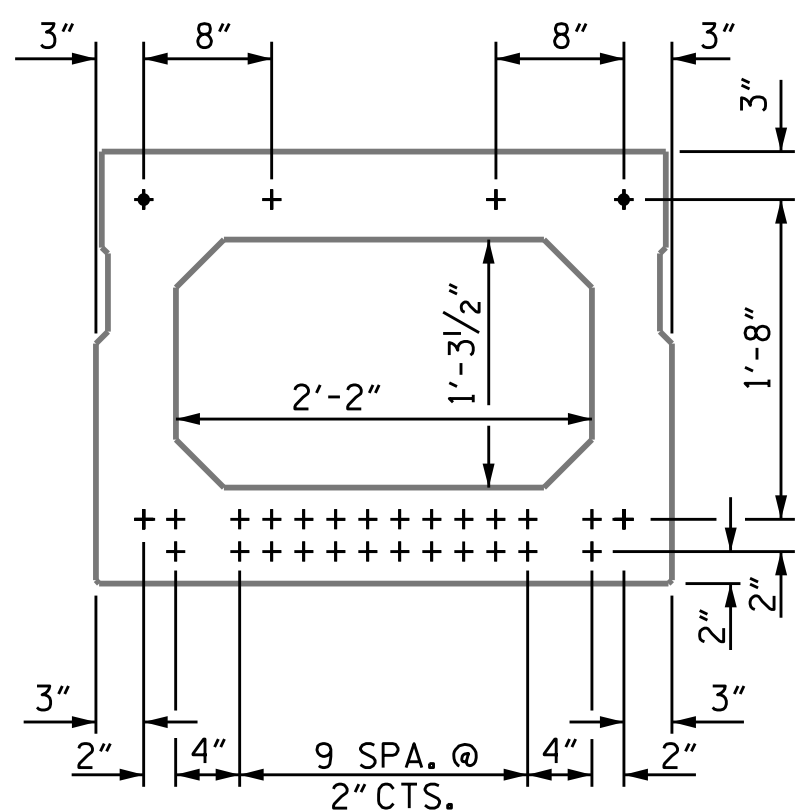
(STRAND LAYOUT NOT SHOWN)



EXTERIOR BOX BEAM SECTION

(STRAND LAYOUT NOT SHOWN)

0.6" Ø LOW RELAXATION STRAND LAYOUT



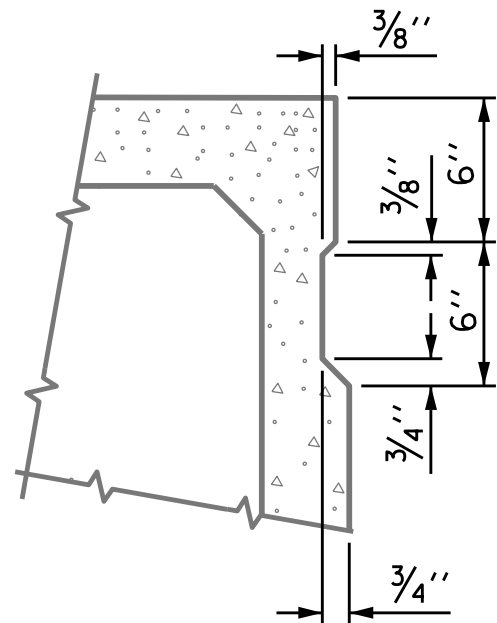
TYPICAL STRAND LOCATION

(... STRANDS REQUIRED)

(INTERIOR BOX BEAM SECTION SHOWN-EXTERIOR SECTION SIMILAR EXCEPT SHEAR KEY LOCATION)

DEBONDING LEGEND

- FULLY BONDED STRANDS



SHEAR KEY DETAIL

NOTE: OMIT SHEAR KEY ON OUTSIDE FACE OF EXTERIOR BOX BEAMS.

END VIEW

(SHOWING #4 "S" BARS IN END OF BEAM)

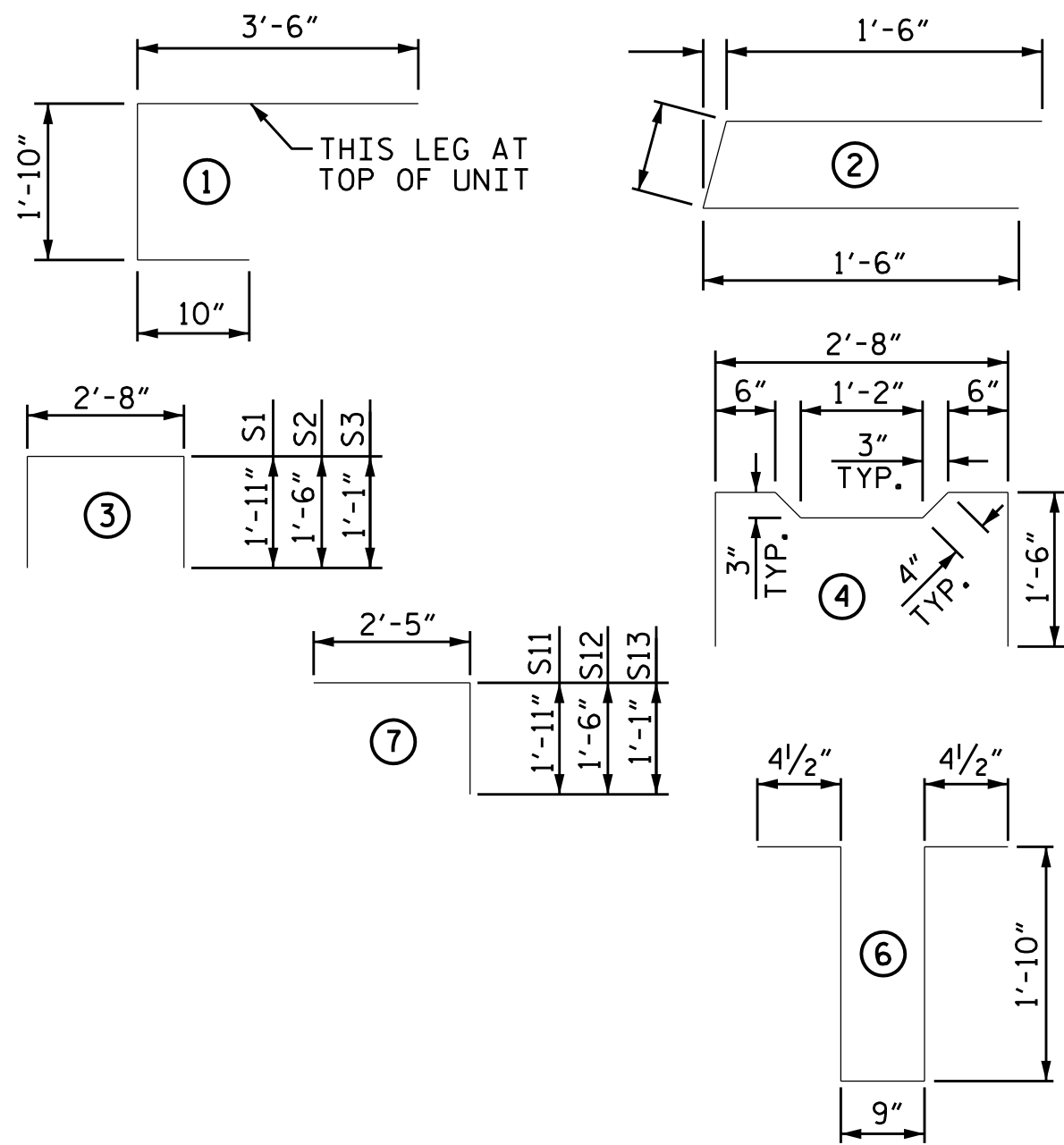
DETAIL "B"

EXTERIOR UNIT SHOWN, INTERIOR UNIT SIMILAR EXCEPT OMIT #5 S5 BARS. "B" BARS AND "A" BARS NOT SHOWN.

CHAMFER DETAIL

SHOWING 6" VOID CHAMFER

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR ONE BOX BEAM SECTION

BAR	NUMBER	SIZE	TYPE	EXTERIOR UNIT		INTERIOR UNIT	
				LENGTH	WEIGHT	LENGTH	WEIGHT
A1	10	#5	1	6'-2"	64	6'-2"	64
A2		#4	2				
B		#5	STR				
K1		#4	6	5'-2"		5'-2"	
K2		#4	STR				
S1		#4	3	6'-6"		6'-6"	
S2		#4	3	5'-8"		5'-8"	
S3		#4	3	4'-10"		4'-10"	
S4		#4	4	5'-10"		5'-10"	
S11		#4	7	4'-4"		4'-4"	
S12		#4	7	3'-11"		3'-11"	
S13		#4	7	3'-6"		3'-6"	
* S5		#5	5			--	--
REINFORCING STEEL				LBS.		LBS.	
* EPOXY COATED REINF. STEEL				LBS.			
--- P.S.I. CONCRETE				CU. YDS.		CU. YDS.	
0.6" Ø L.R. STRANDS				No.		No.	

PROJECT NO. \_\_\_\_\_

COUNTY \_\_\_\_\_

STATION: \_\_\_\_\_

SHEET \_ OF \_

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH  
STANDARD  
3'-0" X 2'-3"  
PRESTRESSED CONCRETE  
BOX BEAM UNIT  
SPAN "-"

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			
2			4			

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

ASSEMBLED BY :	DATE :	MAA/GM
CHECKED BY :	DATE :	RWW/TMG
DRAWN BY : TLA 5/05	REV. 10/1/11	MAA/THC
CHECKED BY : GM 6/05	REV. 1/15	
	REV. 12/17	