

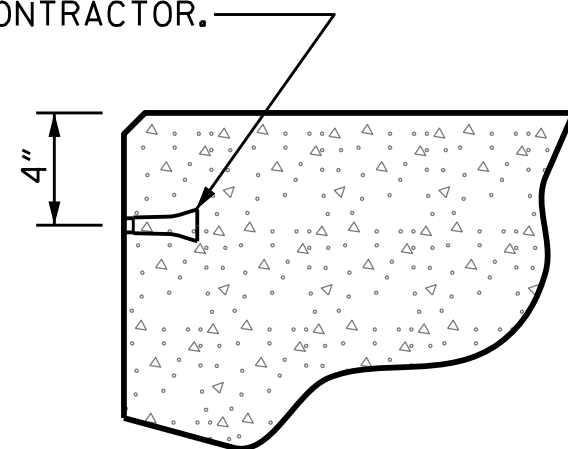


## SHEAR KEY DETAIL

END VIEW

DETAIL ``B''

PERMITTED THREADED INSERT  
CAST IN OUTSIDE FACE OF  
EXTERIOR UNIT AND  
RECESSED  $\frac{3}{8}$ ". SIZE TO BE  
DETERMINED BY  
CONTRACTOR.           

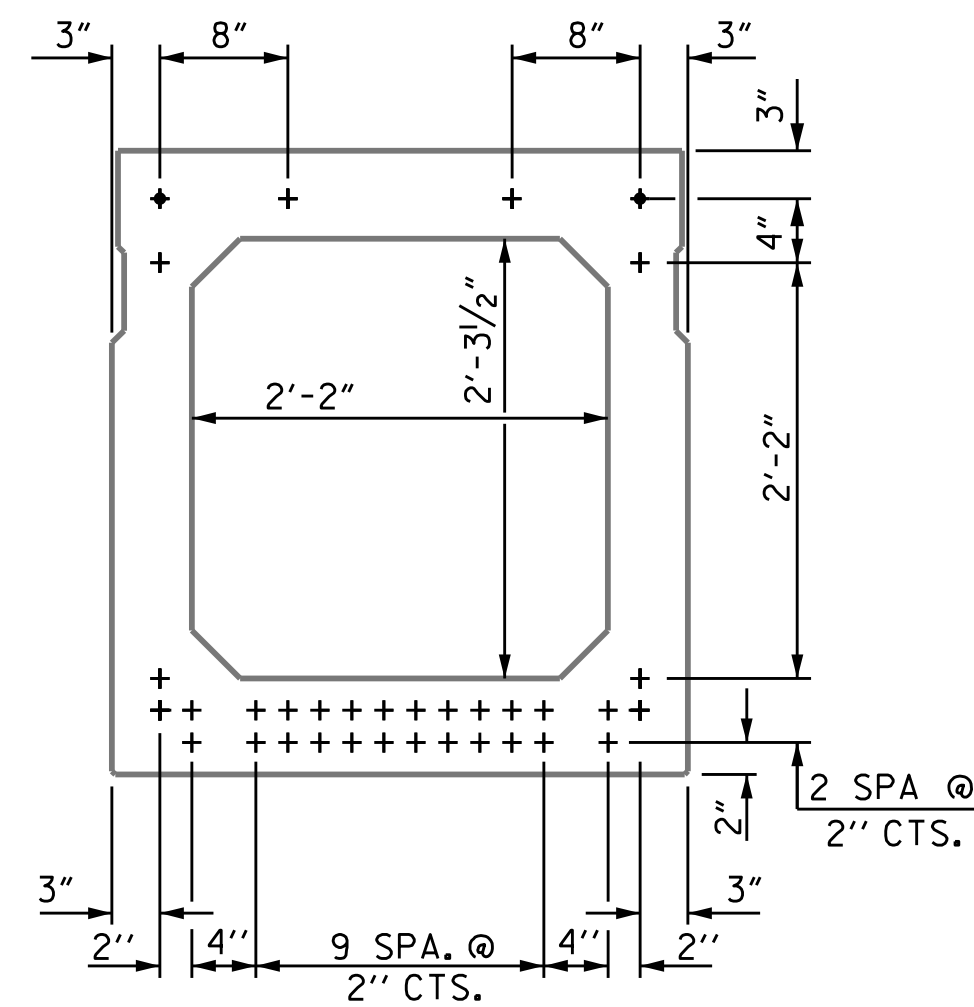


THREADED INSERT DETAIL



EXTERIOR BOX BEAM SECTION

0.6" Ø LOW RELAXATION  
STRAND LAYOUT



### TYPICAL STRAND LOCATION

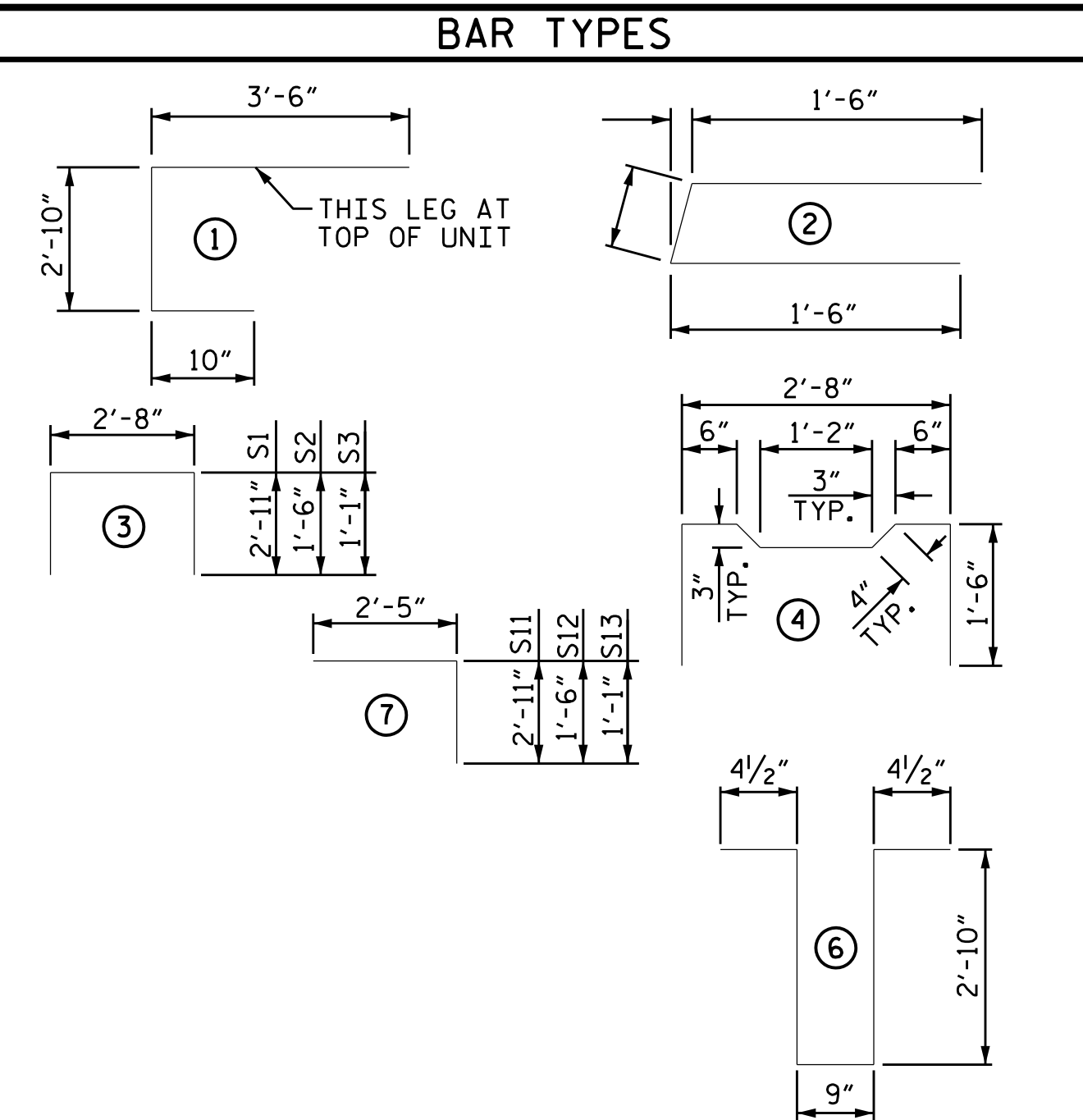
(INTERIOR BOX BEAM SECTION SHOWN-EXTERIOR  
SECTION SIMILAR EXCEPT SHEAR KEY LOCATION)

## DEBONDING LEGEND

- FULLY BONDED STRANDS

## CHAMFER DETAIL

SHOWING 6" VOID CHAMFER



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR ONE BOX BEAM SECTION

				EXTERIOR UNIT		INTERIOR UNIT	
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT	LENGTH	WEIGHT
A1	10	#5	1	7'-2"	75	7'-2"	75
A2		#4	2				
B		#5	STR				
K1		#4	6	7'-2"		7'-2"	
K2		#4	STR				
S1		#4	3	8'-6"		8'-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	5'-4"		5'-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 3'-3"  
PRESTRESSED CONCRETE  
BOX BEAM UNIT  
SPAN " "

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS
2			4			

DOCUMENT NOT CONSIDERED  
FINAL UNLESS ALL  
SIGNATURES COMPLETED

STD. NO. PCBB6