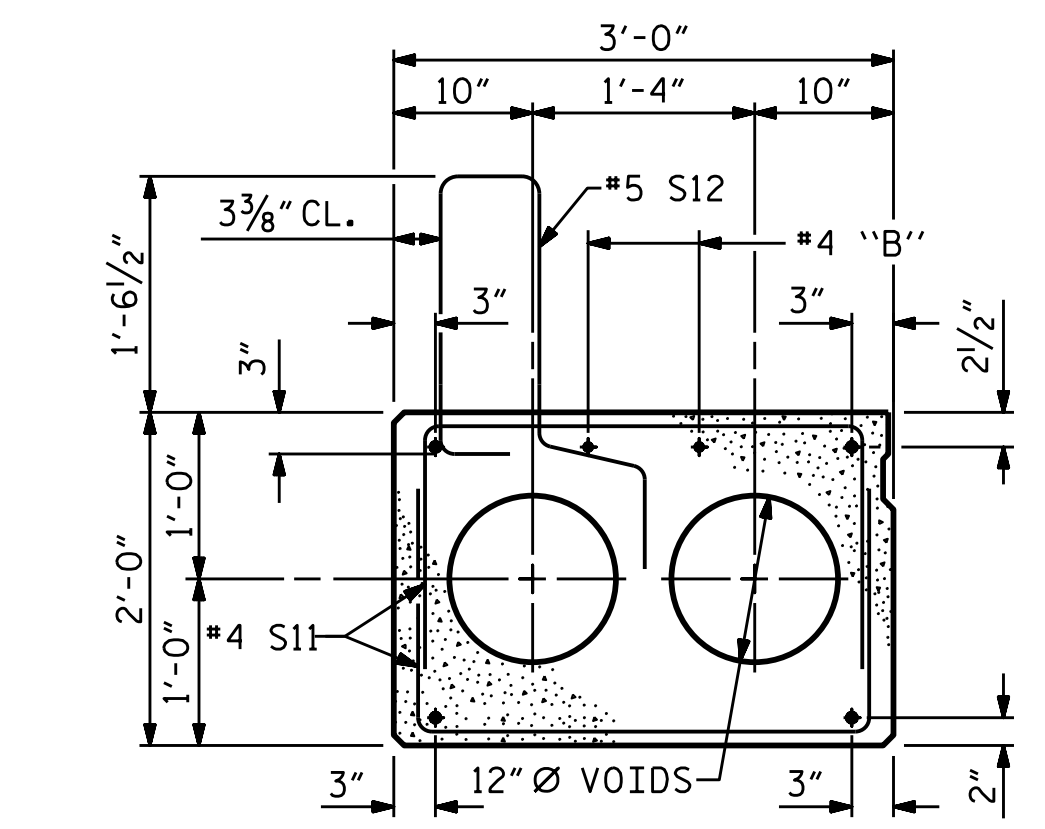


HALF SECTION AT INTERMEDIATE DIAPHRAGMS
TYPICAL SECTION
 HALF SECTION THROUGH VOIDS

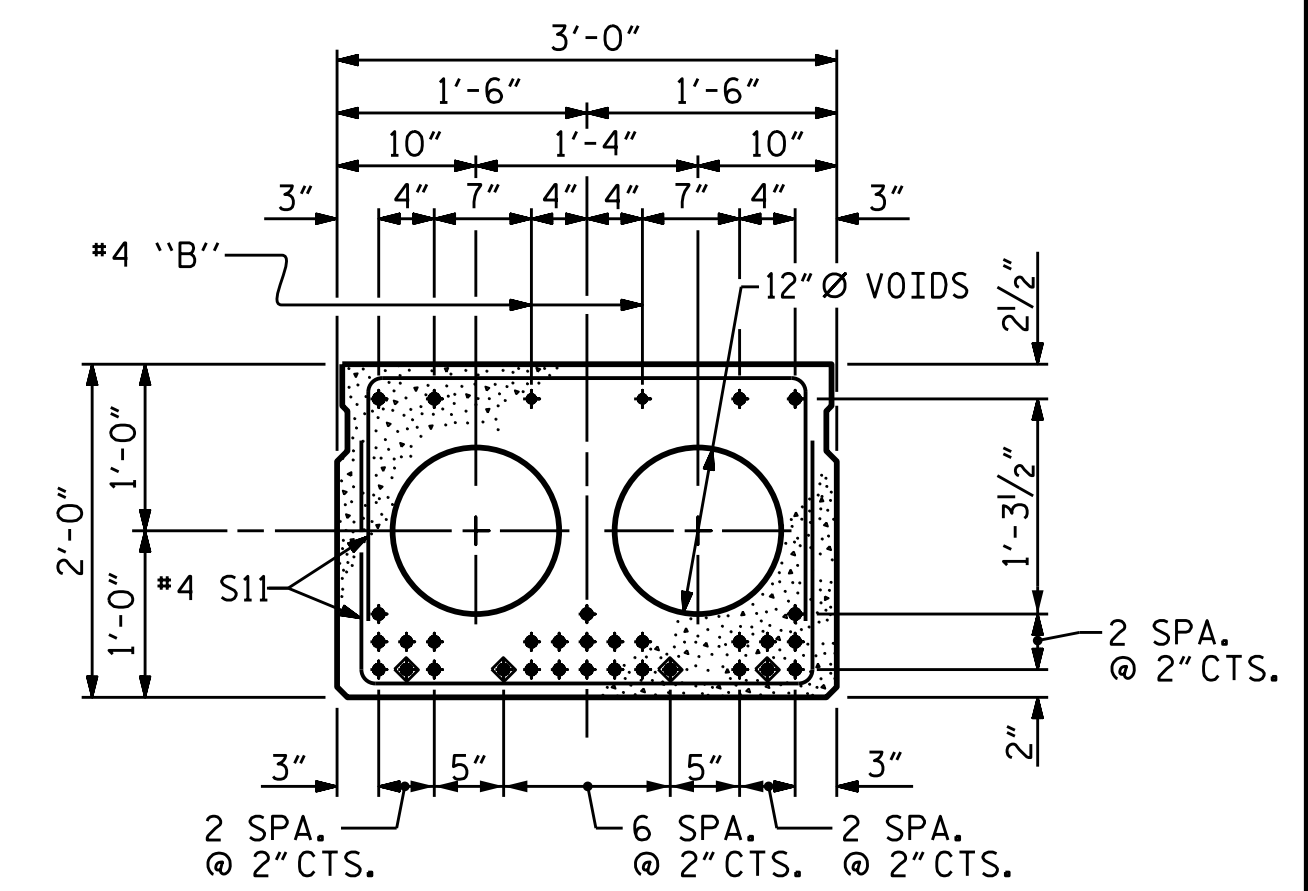
* - THE MAXIMUM BARRIER RAIL HEIGHT AND CONCRETE WEARING SURFACE THICKNESS IS SHOWN. THE HEIGHT OF THE BARRIER RAIL AND CONCRETE WEARING SURFACE THICKNESS VARIES WHILE THE TOP OF THE BARRIER RAIL FOLLOWS THE PROFILE OF THE GUTTERLINE. FOR RAIL HEIGHT DETAILS AND CONCRETE WEARING SURFACE THICKNESS, SEE TABLES.



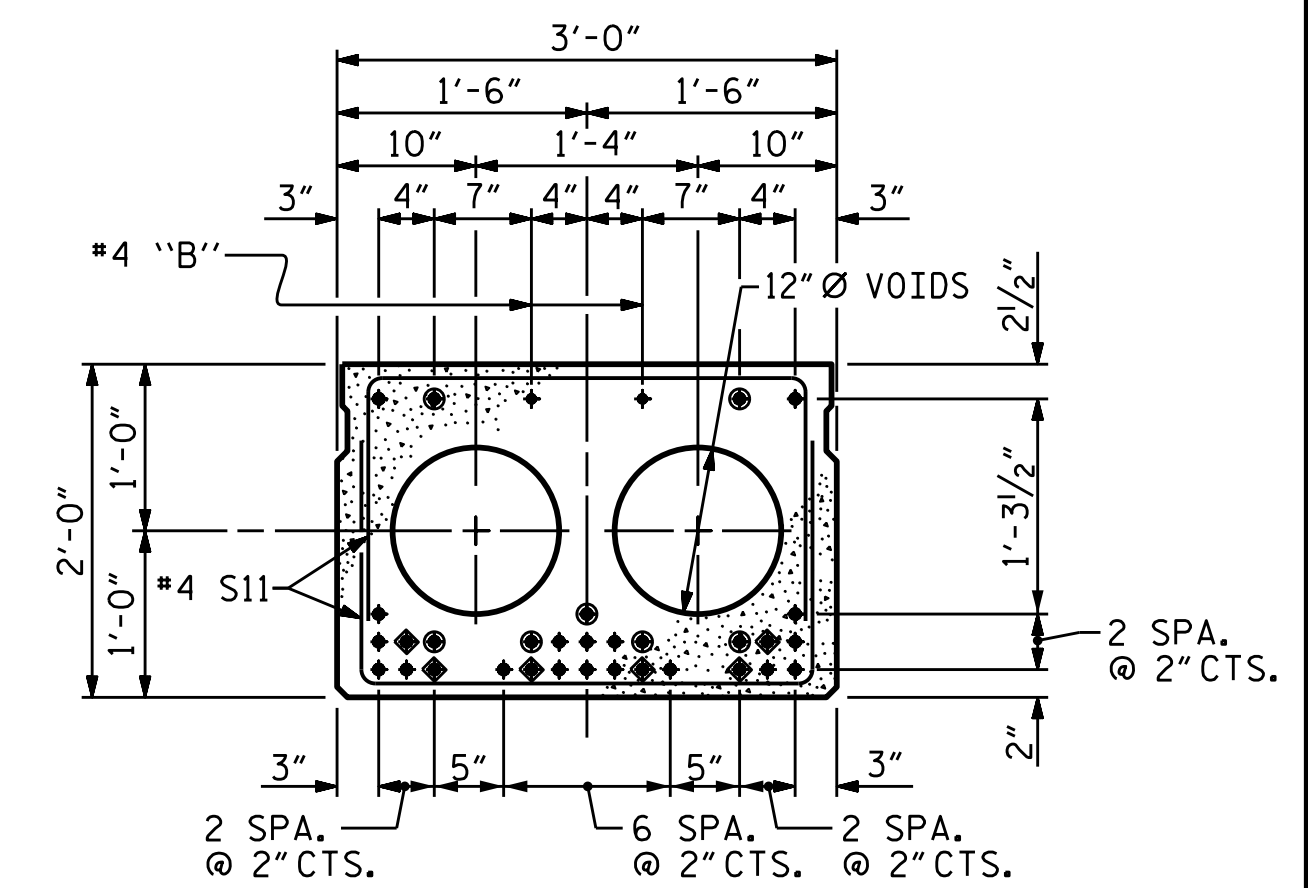
EXTERIOR SLAB SECTION
 (FOR PRESTRESSED STRAND LAYOUT, SEE INTERIOR SLAB SECTION.)

BARRIER RAIL HEIGHT		
SPAN	@ CL BEARING	@ MID-SPAN
A OR C	3'-10 3/4"	3'-9 5/8"
B	3'-10 3/4"	3'-10"

SPAN	CONCRETE WEARING SURFACE THICKNESS			
	@ CL BEARING		@ MID-SPAN	
	GUTTERLINE	GRADE PT.	GUTTERLINE	GRADE PT.
A OR C	4 3/4"	6 1/8"	3 5/8"	5"
B	4 3/4"	6 1/8"	4"	5 3/8"



INTERIOR SLAB SECTION (55' UNIT)
 (31 STRANDS REQUIRED)

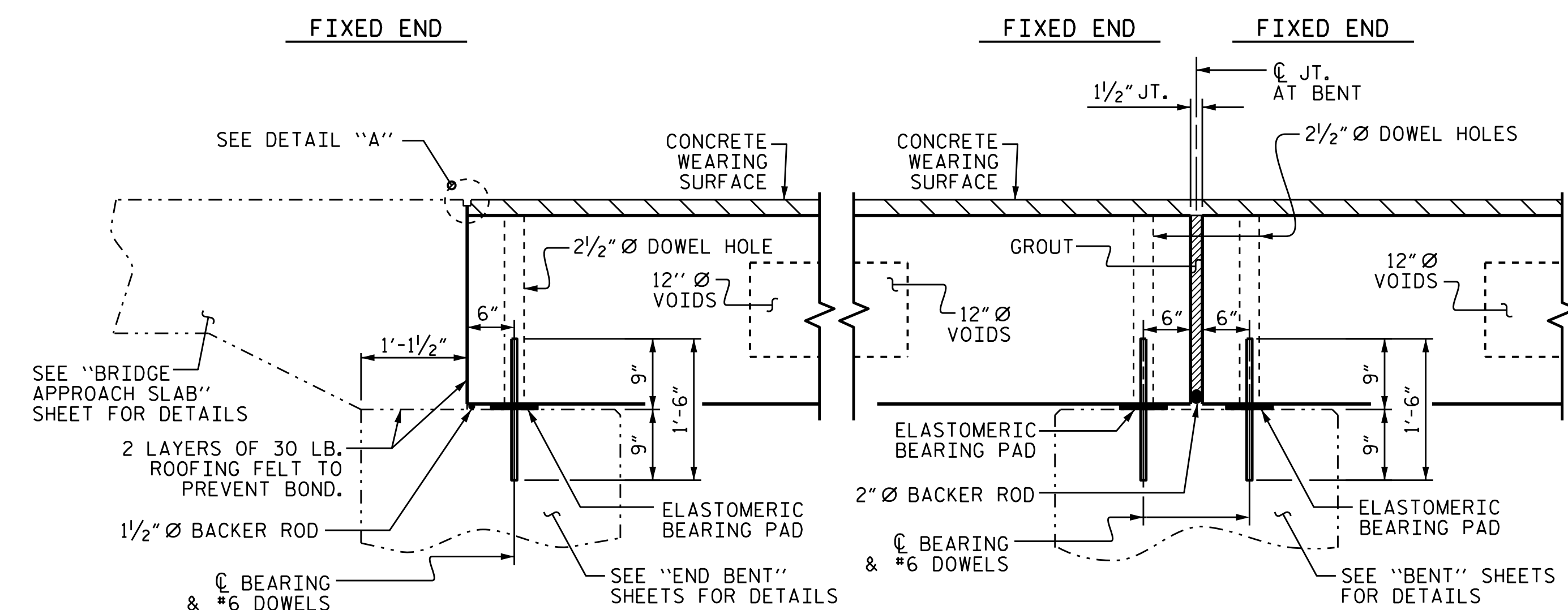


INTERIOR SLAB SECTION (65' UNIT)
 (24 STRANDS REQUIRED)

0.6" Ø LOW RELAXATION STRAND LAYOUT

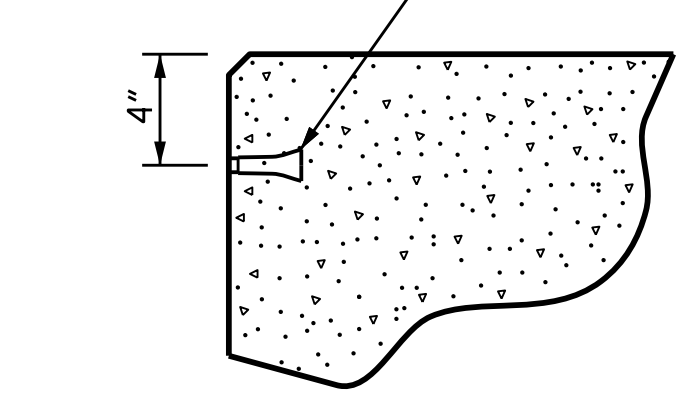
- ◆ BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 12'-0" FROM END OF CORED SLAB UNIT. SEE STANDARD SPECIFICATIONS, ARTICLE 1078-7.
- OPTIONAL FULL LENGTH DEBONDED STRANDS. THESE STRANDS ARE NOT REQUIRED. IF THE FABRICATOR CHOOSES TO INCLUDE THESE STRANDS IN THE CORED SLAB UNIT, THE STRANDS SHALL BE DEBONDED FOR THE FULL LENGTH OF THE UNIT AT NO ADDITIONAL COST. SEE STANDARD SPECIFICATIONS, ARTICLE 1078-7.

DEBONDING LEGEND

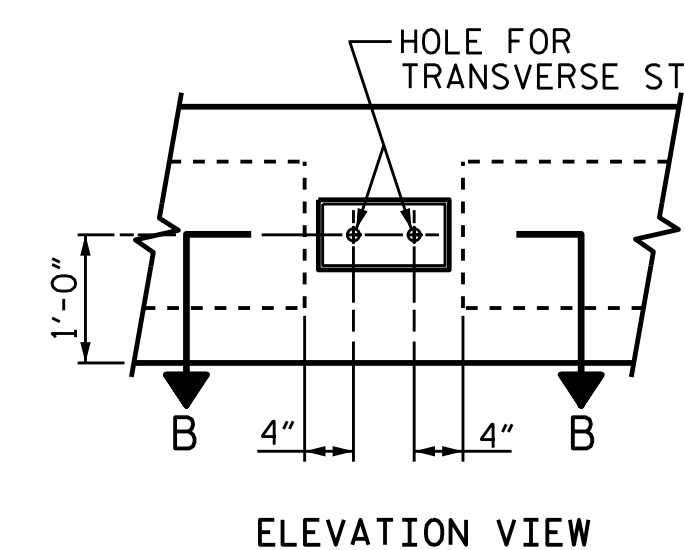


SECTION AT END BENT **SECTION AT BENT**

PERMITTED THREADED INSERT CAST IN OUTSIDE FACE OF EXTERIOR UNIT AND RECESSED 3/8" SIZE TO BE DETERMINED BY CONTRACTOR.

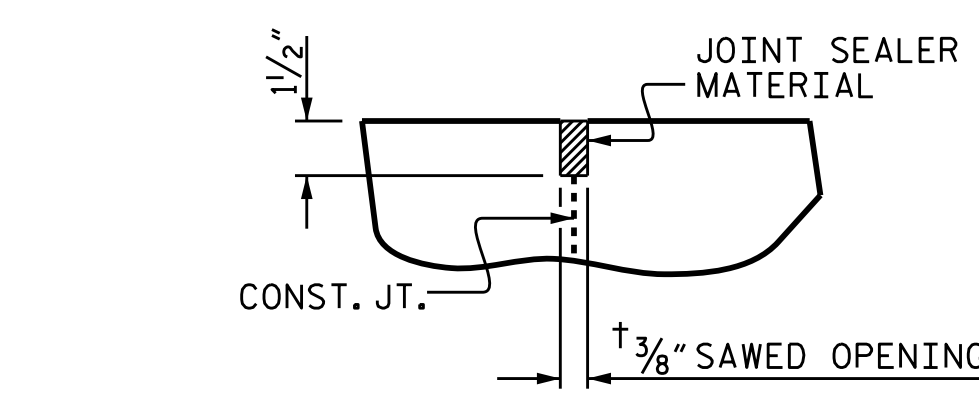


THREADED INSERT DETAIL



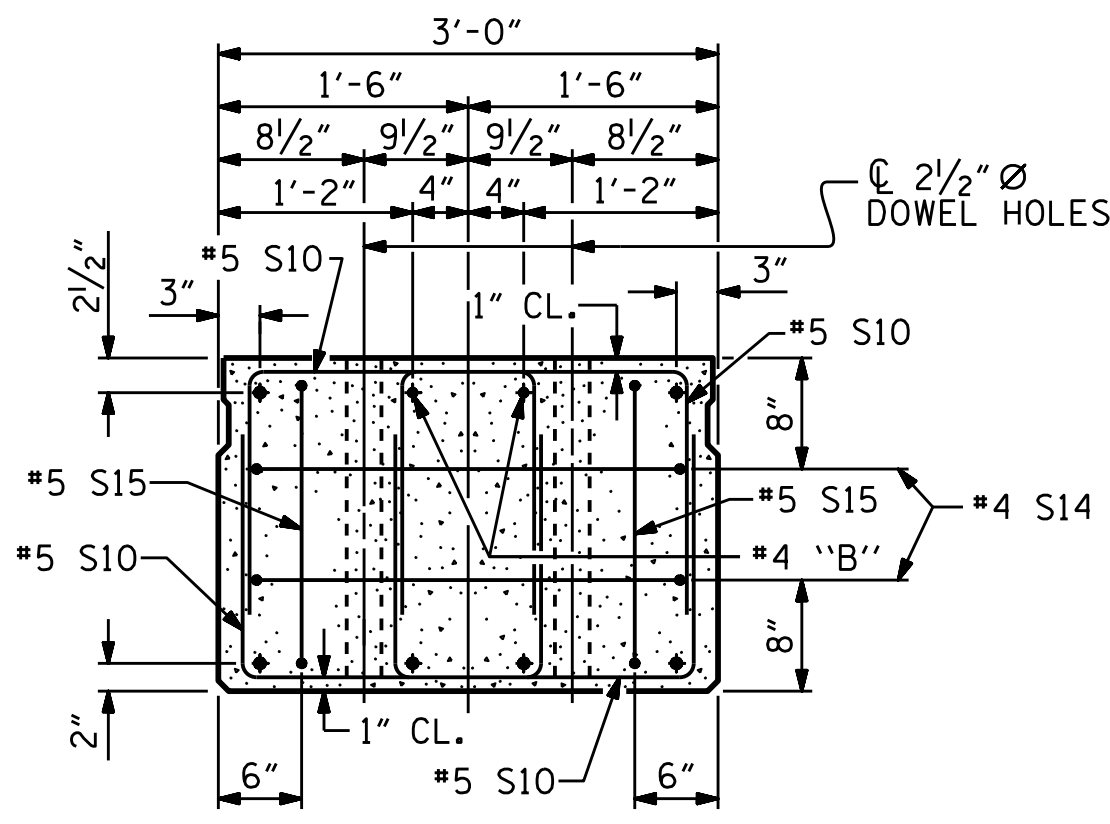
ELEVATION VIEW
SECTION B-B
GRouted RECESS AT END OF POST-TENSIONED STRAND-CORED SLABS

RECESS DETAIL SHOWN IS FOR DOUBLE POST-TENSIONING STRANDS. RECESS FOR SINGLE POST-TENSIONING STRANDS SIMILAR.



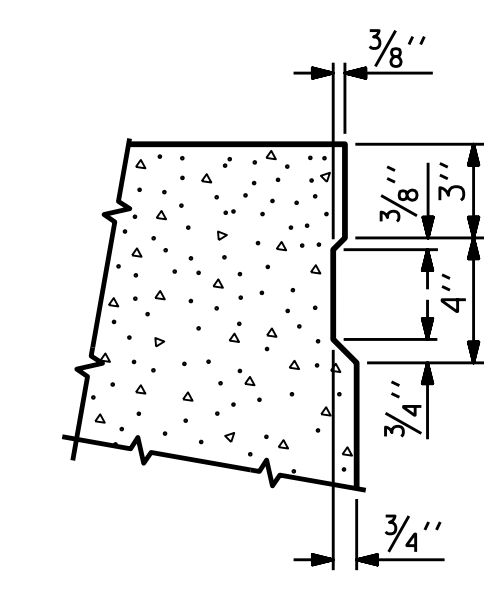
DETAIL "A"

A 1/2" DEEP CONTRACTION JOINT AT EACH END BENT SHALL BE SAWS NO MORE THAN 12 HOURS AFTER THE APPROACH SLAB IS CAST. THE JOINT SHALL BE CLEANED OF ALL DEBRIS BEFORE THE SEALANT IS APPLIED. THE JOINT SEALER MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF SECTION 1028-3 OF THE STANDARD SPECIFICATIONS.



END ELEVATION

SHOWING PLACEMENT OF DOUBLE STIRRUPS AND LOCATION OF DOWEL HOLES. (STRAND LAYOUT NOT SHOWN.) INTERIOR SLAB UNIT SHOWN-EXTERIOR SLAB UNIT SIMILAR EXCEPT SHEAR KEY LOCATION.



SHEAR KEY DETAIL

NOTE: OMIT SHEAR KEY ON OUTSIDE FACE OF EXTERIOR CORED SLABS.

PROJECT NO. B-4771
JOHNSTON COUNTY
 STATION: 16+82.00 -L-

SHEET 1 OF 5



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 STANDARD
 3'-0" X 2'-0"
 PRESTRESSED CONCRETE
 CORED SLAB UNIT

ASSEMBLED BY : P. K. NEWTON	DATE : 11/28/16
CHECKED BY : H. A. LOCKLEAR	DATE : 12/12/16
DRAWN BY : MAA	7/10
CHECKED BY : MKT	8/10
REV. 9/14	MAA/TMG

REVISIONS		SHEET NO.	
NO.	BY:	DATE:	S-6
1			TOTAL SHEETS 20
2			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED