

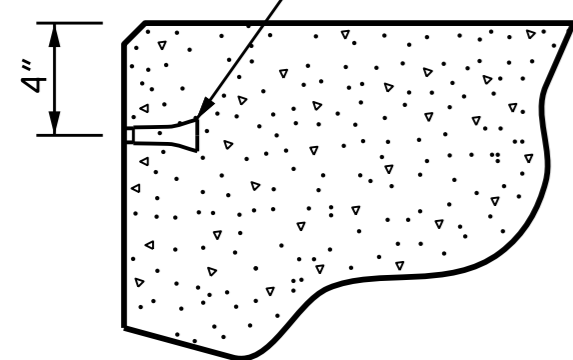
HALF SECTION
AT INTERMEDIATE DIAPHRAGMS

TYPICAL SECTION

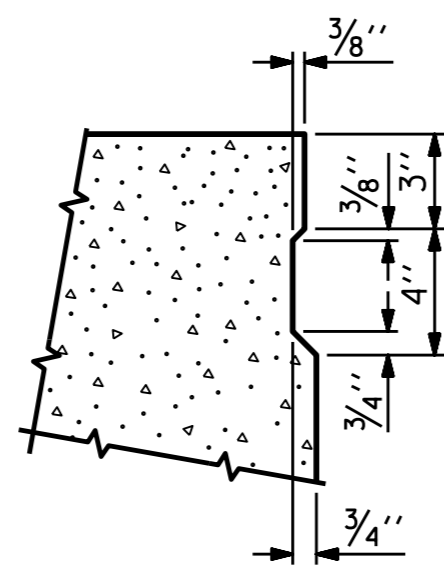
HALF SECTION
THROUGH VOIDS

* - THE MINIMUM & MAXIMUM CLASSIC RAIL HEIGHT AND CONCRETE WEARING SURFACE THICKNESS IS SHOWN. THE HEIGHT OF THE CLASSIC RAIL, SIDEWALK AND THE CONCRETE WEARING SURFACE THICKNESS VARIES WHILE THE TOP OF THE CLASSIC RAIL FOLLOWS THE PROFILE OF THE GUTTERLINE.

PERMITTED THREADED INSERT CAST IN OUTSIDE FACE OF EXTERIOR UNIT AND RECESSED 3/8\"/>

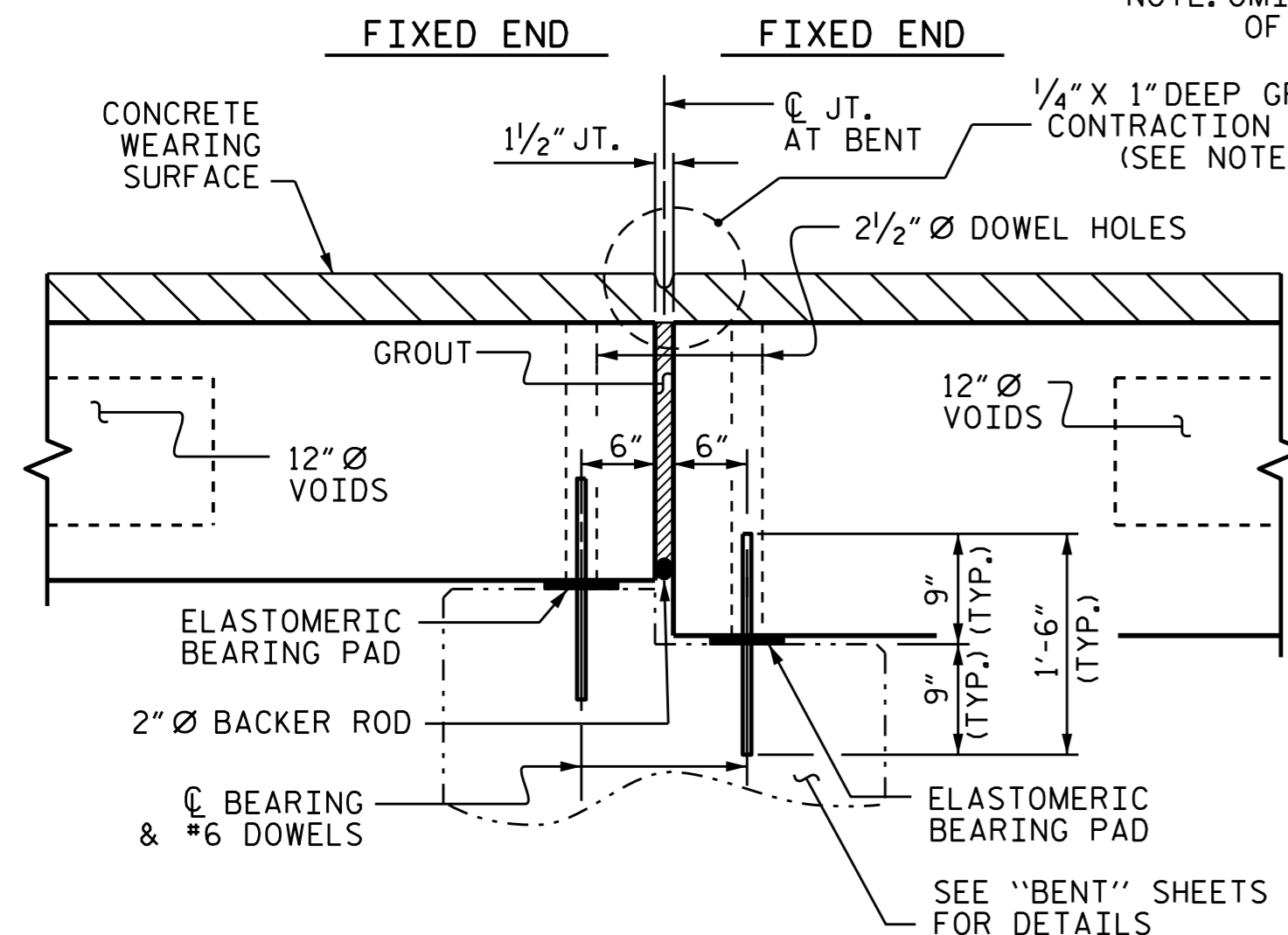


THREADED INSERT DETAIL

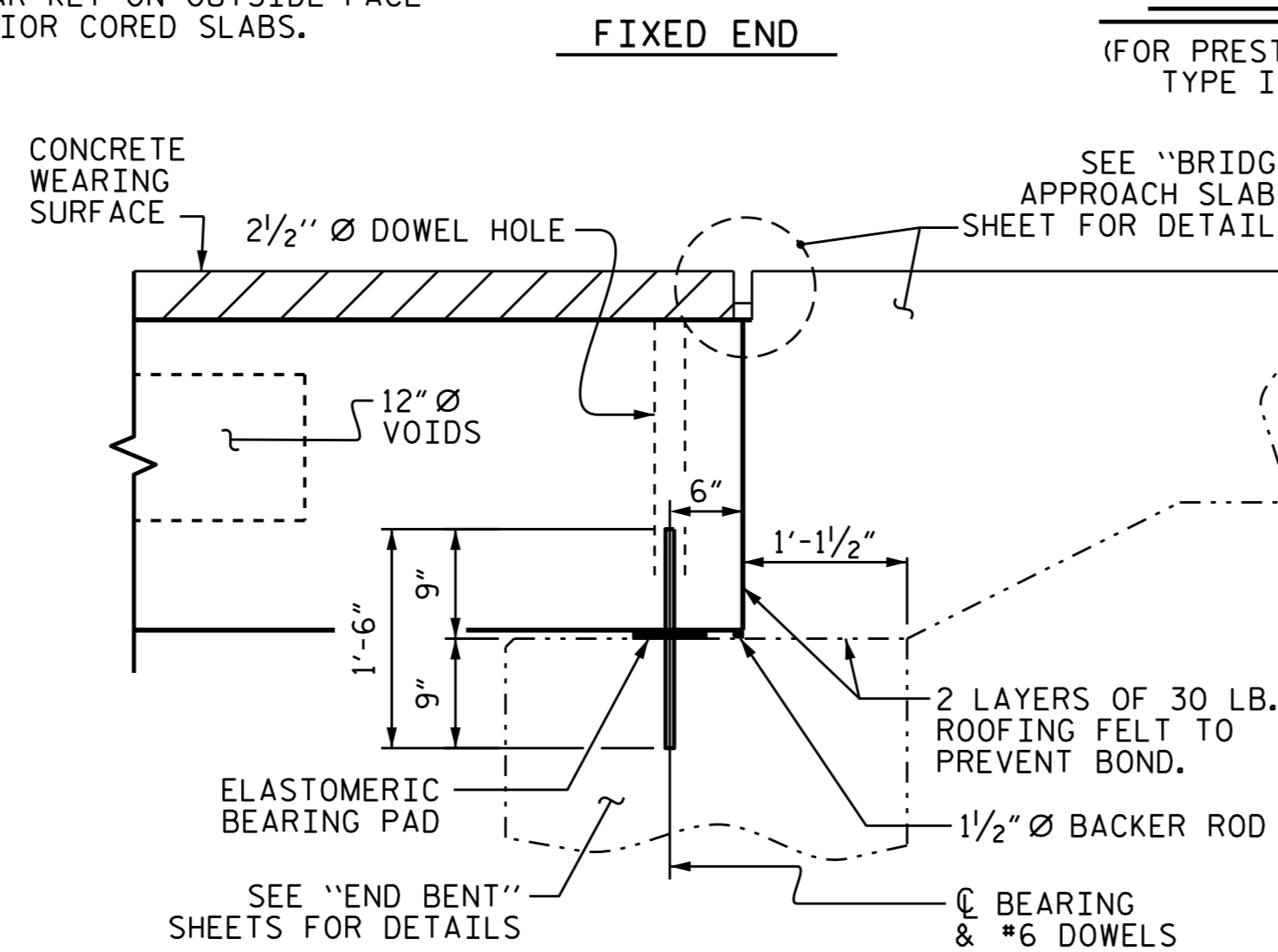


SHEAR KEY DETAIL

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

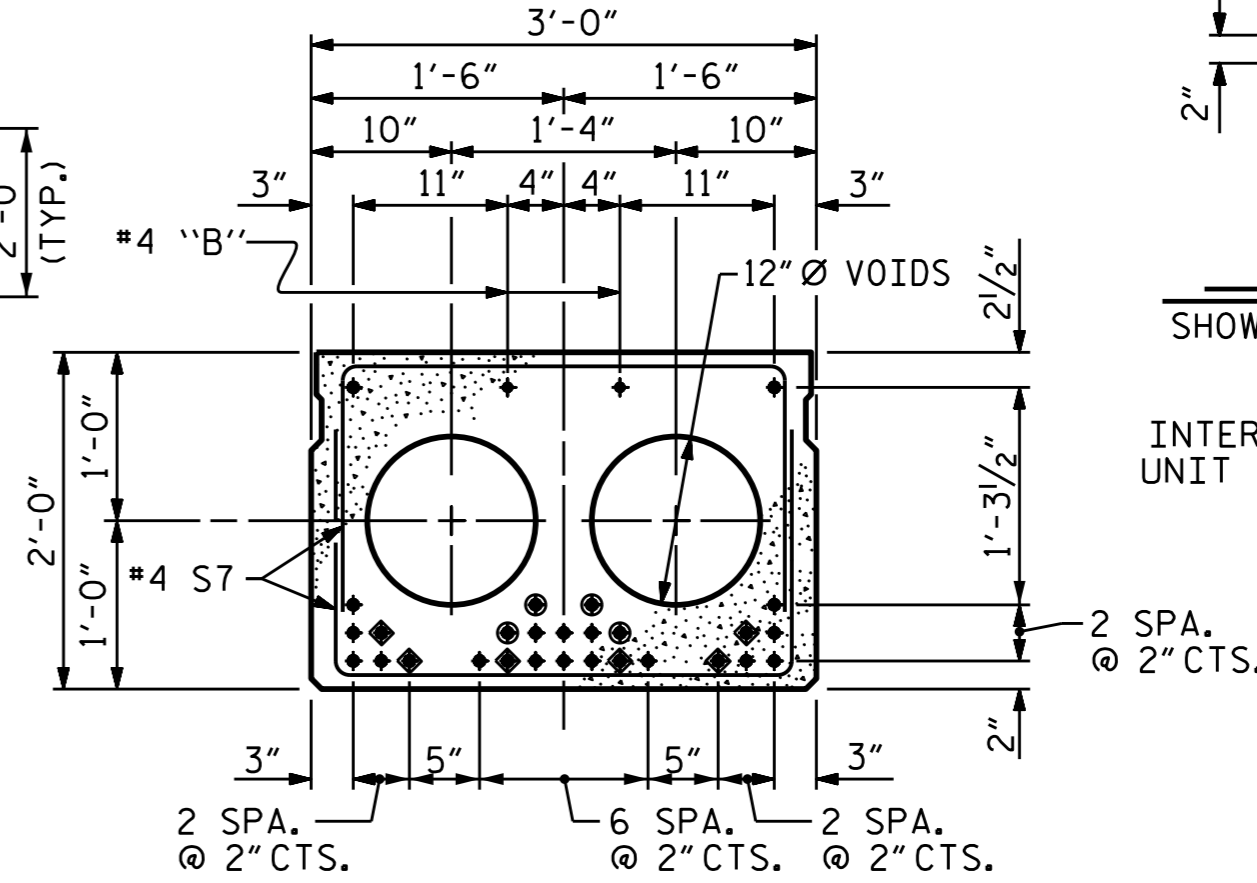


SECTION AT BENT 1



SECTION AT END BENT 2

CLASSIC CONCRETE BRIDGE RAIL (TYP.) FOR REINFORCING STEEL AND DETAILS, SEE "CLASSIC CONCRETE BRIDGE RAIL AND SIDEWALK" SHEETS (TYP.)

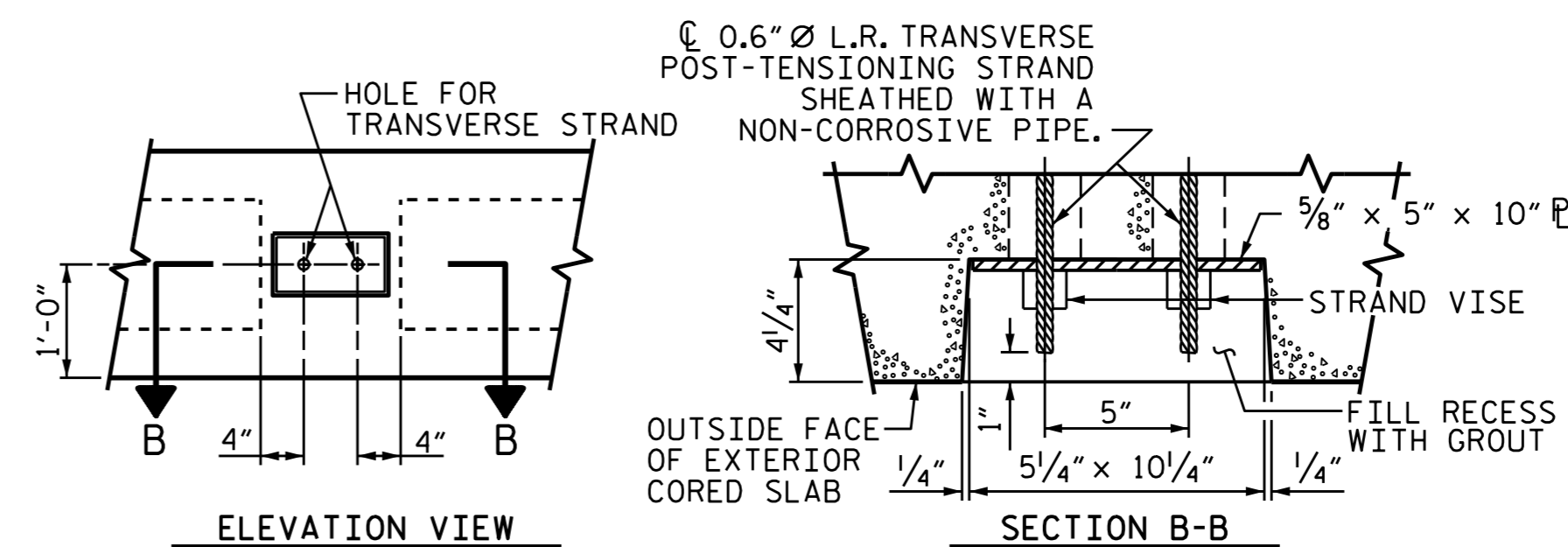


TYPE I SLAB SECTION
(65' UNIT) (SPAN B)

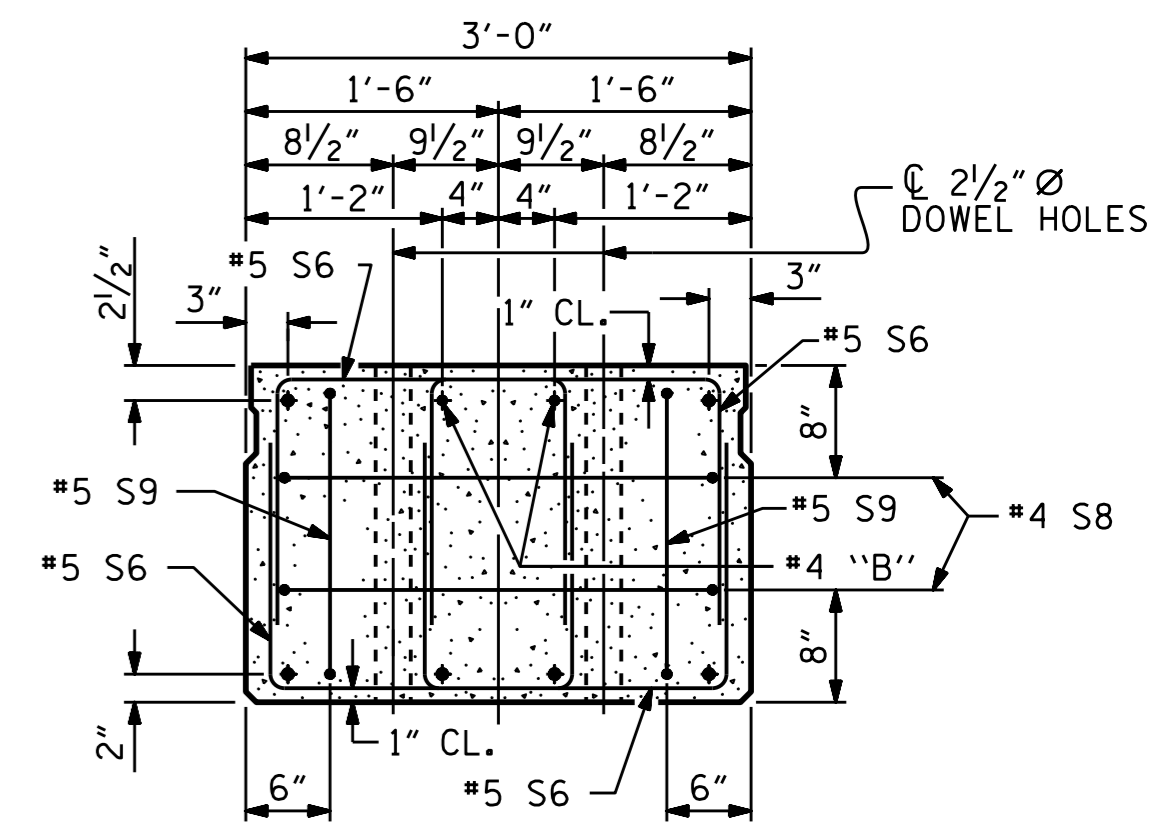
0.6" Ø LOW RELAXATION STRAND LAYOUT

- ◆ 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

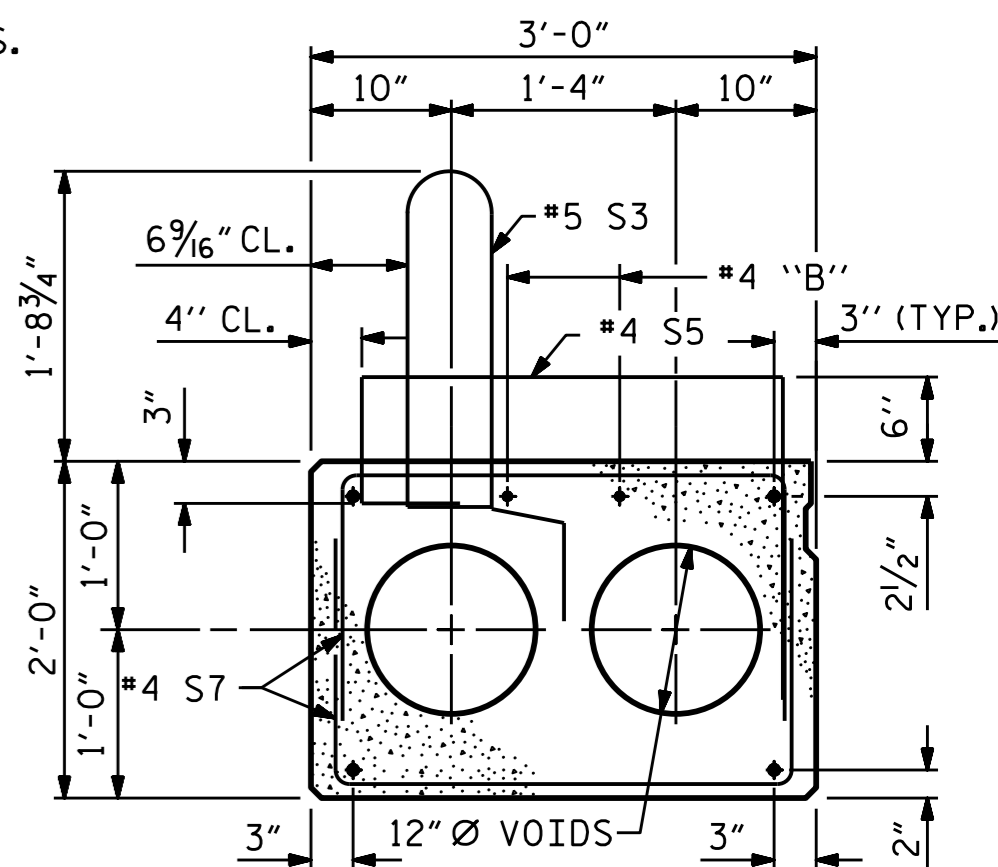


GROUTED RECESS AT END OF POST-TENSIONED STRAND-CORED SLABS



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.



TYPE III SLAB SECTION

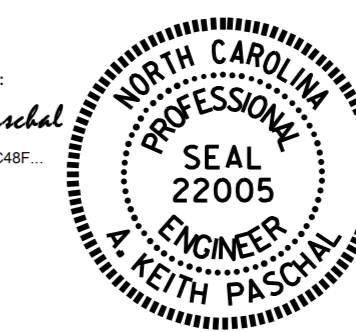
(FOR PRESTRESSED STRAND LAYOUT, SEE TYPE I (SPAN B) SLAB SECTION.)

ASSEMBLED BY : P.N.HOLDER DATE : 07/15
CHECKED BY : K.P.SEDAI DATE : 8/14/15
DESIGN ENGINEER OF RECORD: P.N.HOLDER DATE : 8/26/15

19-JAN-2016 13:24
RA:Structures\Plans\Final Plans\B-5300.SMU.CS.dgn
kpaschal

DocuSigned by:
A. Keith Paschal
F8BBA0D02FCAF.

1/19/2016



PROJECT NO. B-5300
BEAUFORT COUNTY
STATION: 18+77.50 -L-

SHEET 2 OF 7

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

REVISIONS						SHEET NO. S-6
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 30
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED