

▲ ASPHALT THICKNESS SHOWN IS FOR THE FINAL CONDITION. FOR ASPHALT THICKNESS AT STAGES, SEE "BRIDGE STAGING PLAN" SHEETS.

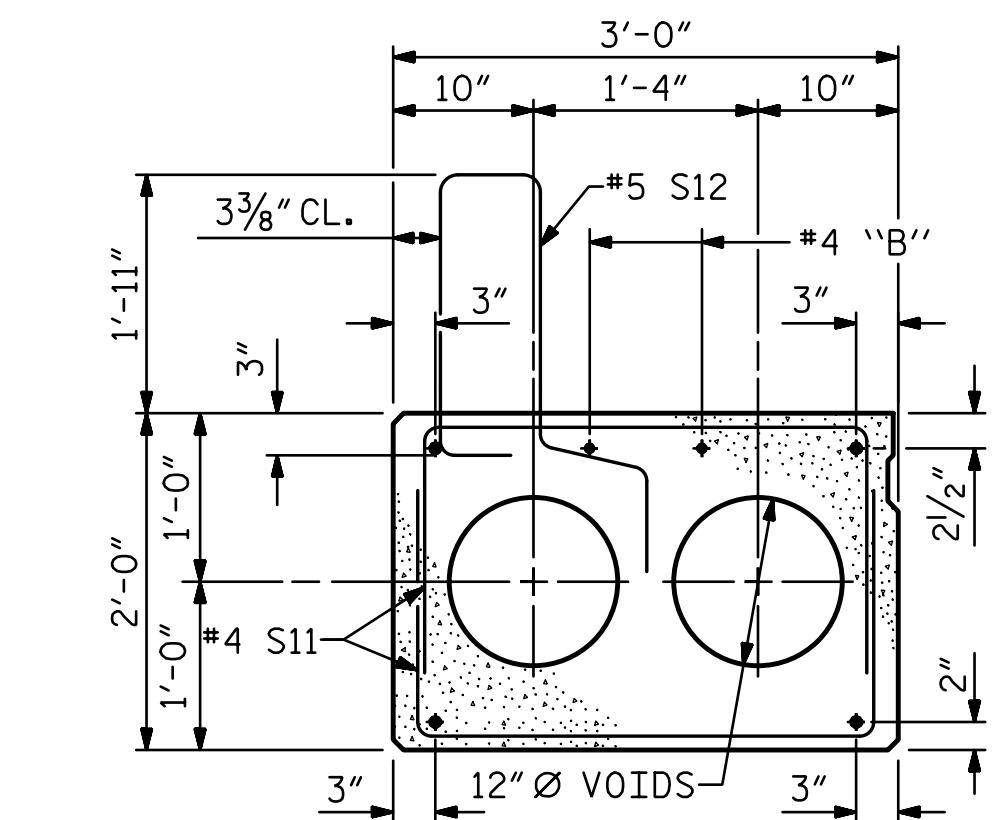
● CORED SLAB UNITS ARE NUMBERED FROM LEFT TO RIGHT, LOOKING UPSTATION.

HALF SECTION
THROUGH VOIDS

TYPICAL SECTION

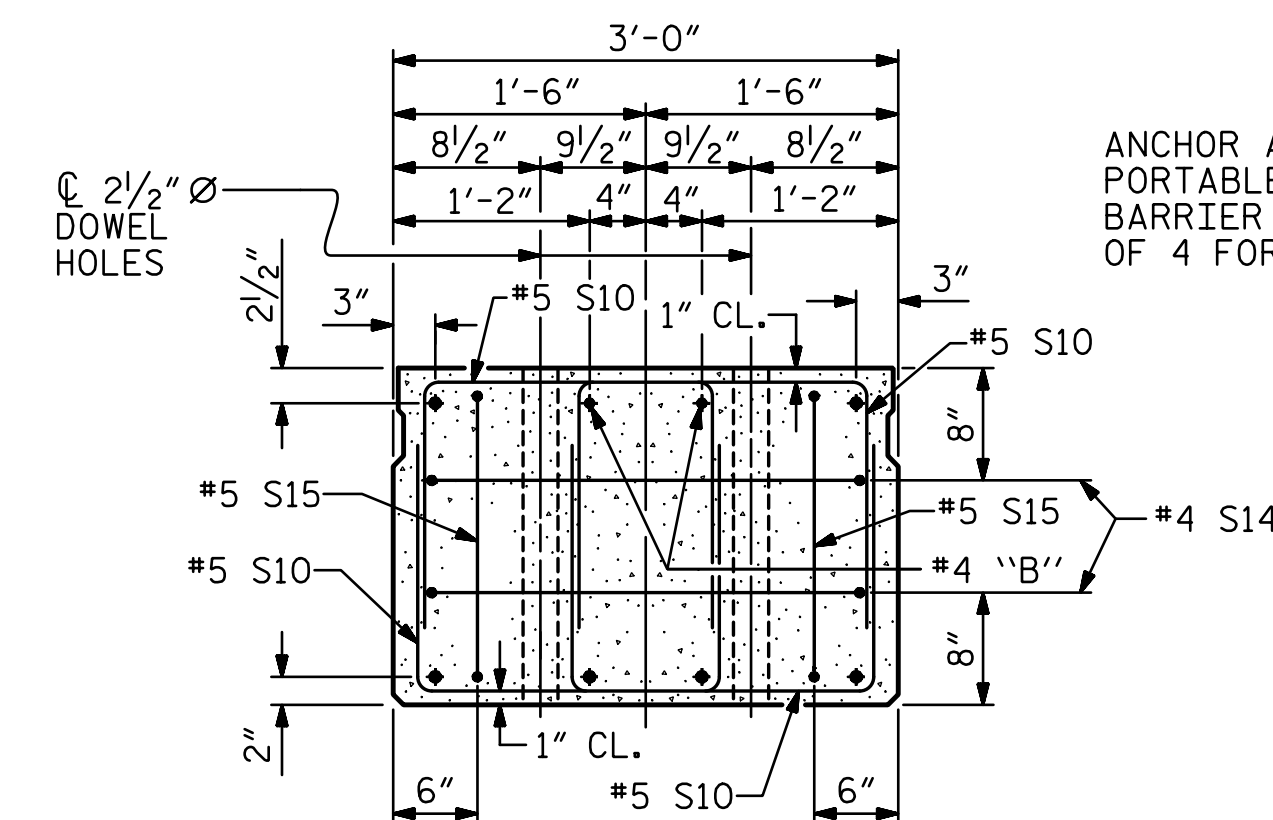
HALF SECTION
AT INTERMEDIATE DIAPHRAGMS

* - THE MAXIMUM BARRIER RAIL HEIGHT AND ASPHALT THICKNESS IS SHOWN. THE HEIGHT OF THE BARRIER RAIL AND ASPHALT THICKNESS VARIES WHILE THE TOP OF THE BARRIER RAIL FOLLOWS THE PROFILE OF THE GUTTERLINE. FOR RAIL HEIGHT DETAILS AND ASPHALT THICKNESS, SEE THE "VERTICAL CONCRETE BARRIER RAIL SECTION" DETAIL.



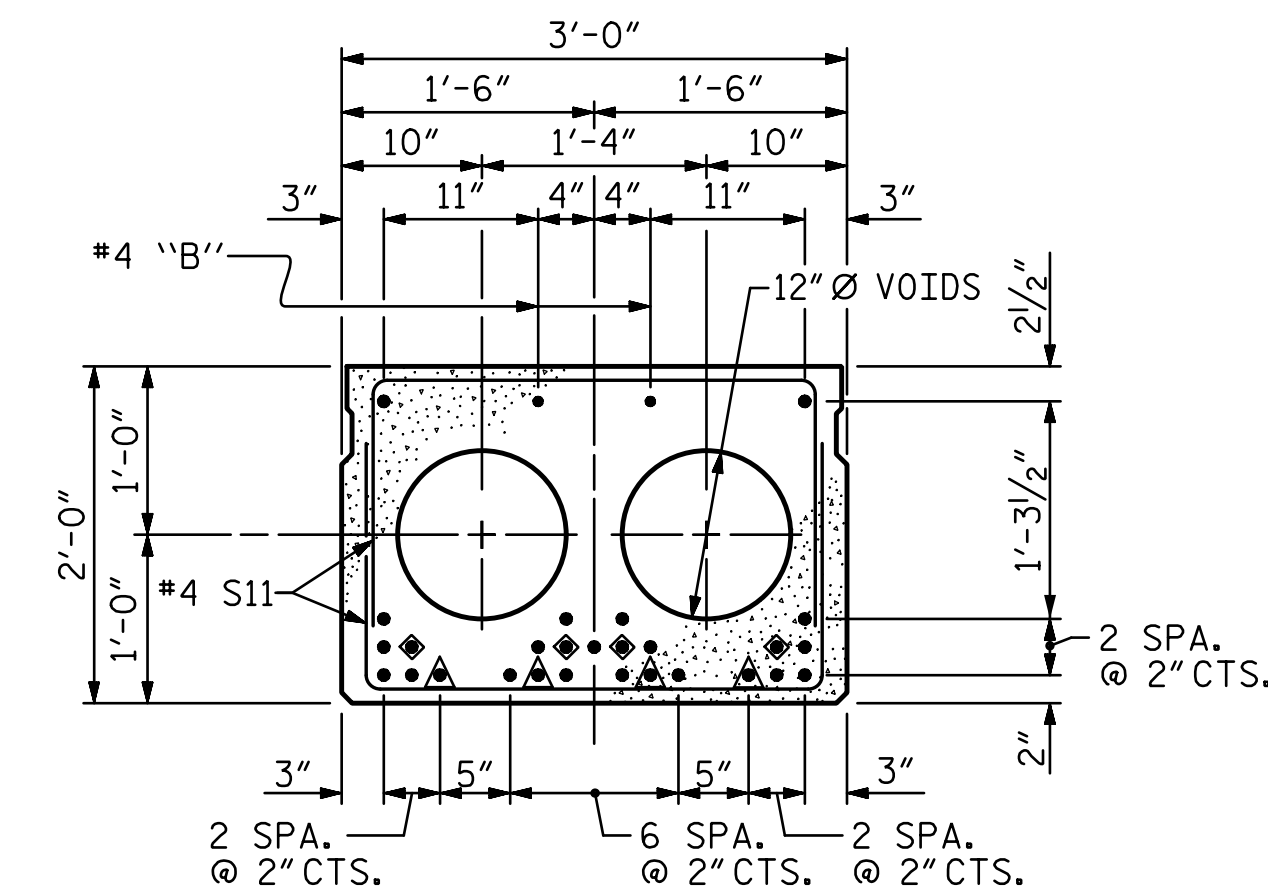
EXTERIOR SLAB SECTION

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

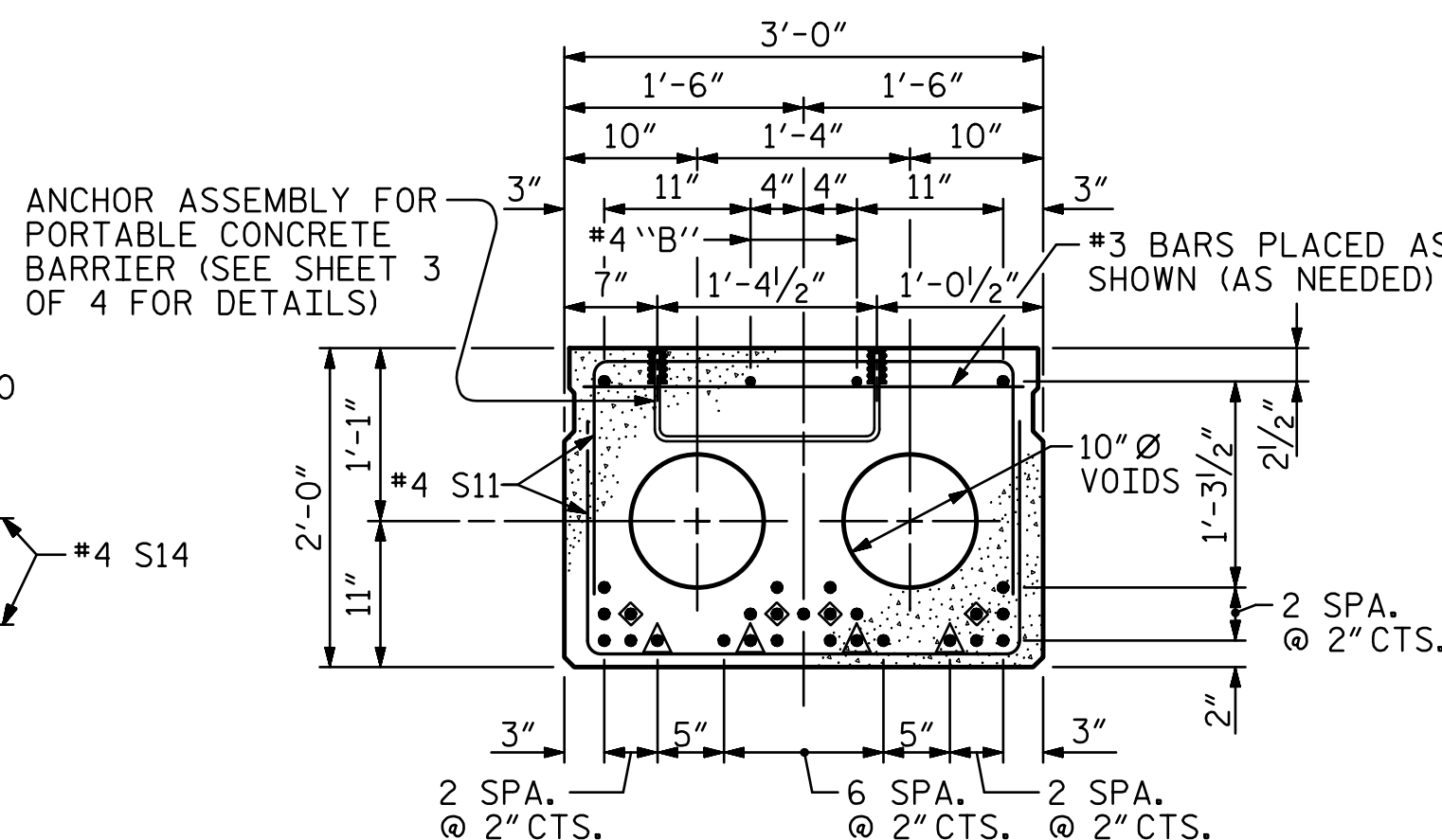


END ELEVATION

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.



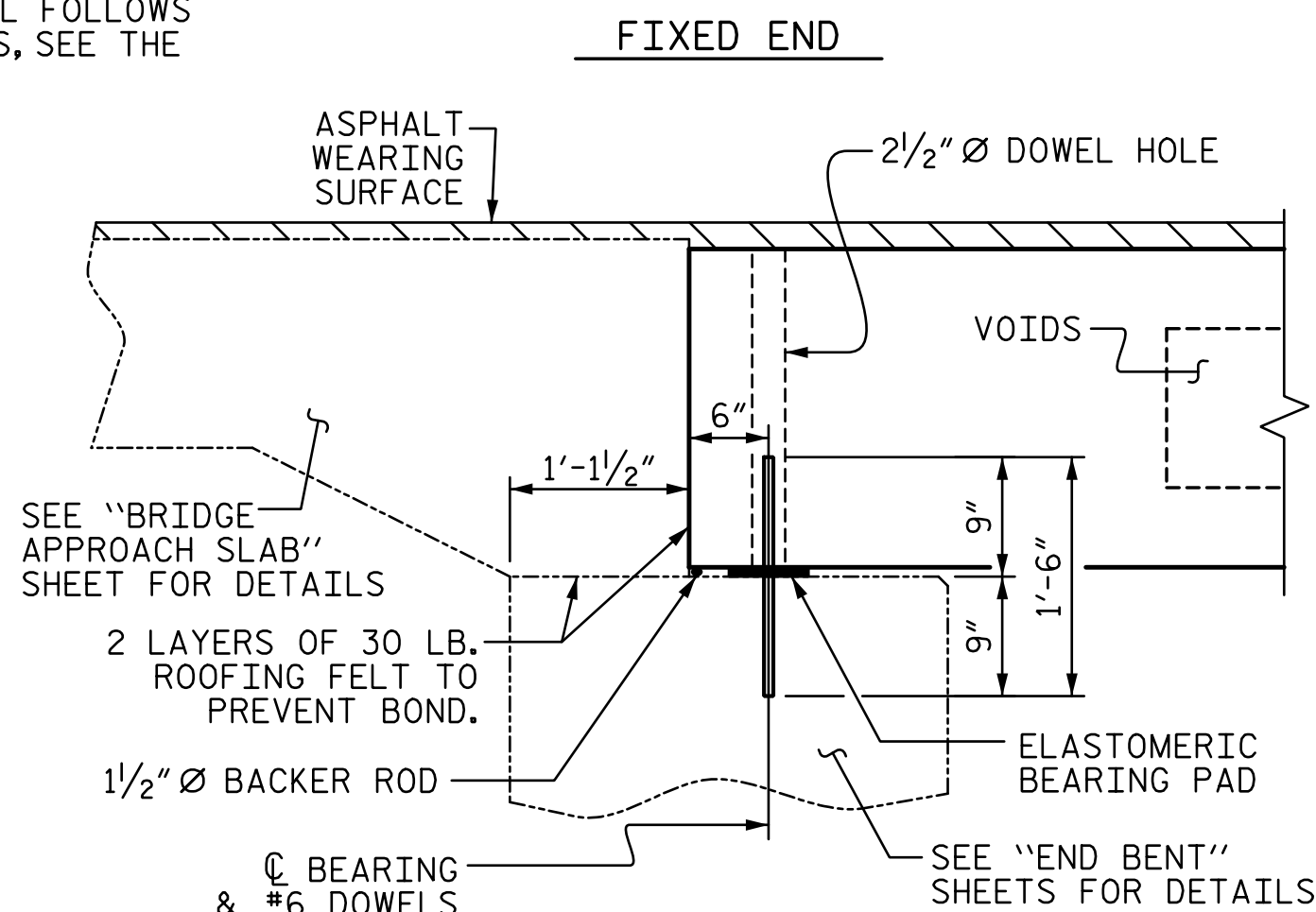
INTERIOR SLAB SECTION (EXCEPT C.S.U. 5)
(27 STRANDS REQUIRED)



INTERIOR SLAB SECTION (C.S.U. 5 ONLY)
(27 STRANDS REQUIRED)

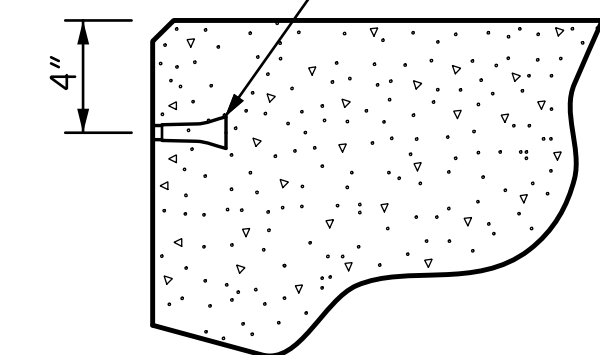
THE #3 BARS ARE INCIDENTAL AND THE COST SHALL BE INCLUDED IN THE PRICE BID FOR PRESTRESSED CONCRETE CORED SLABS

0.6" Ø LOW
RELAXATION STRAND LAYOUT

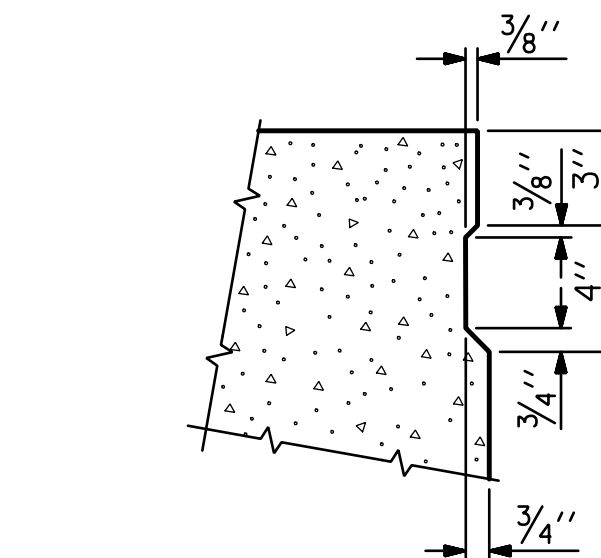


SECTION AT END BENT

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



THREADED INSERT DETAIL



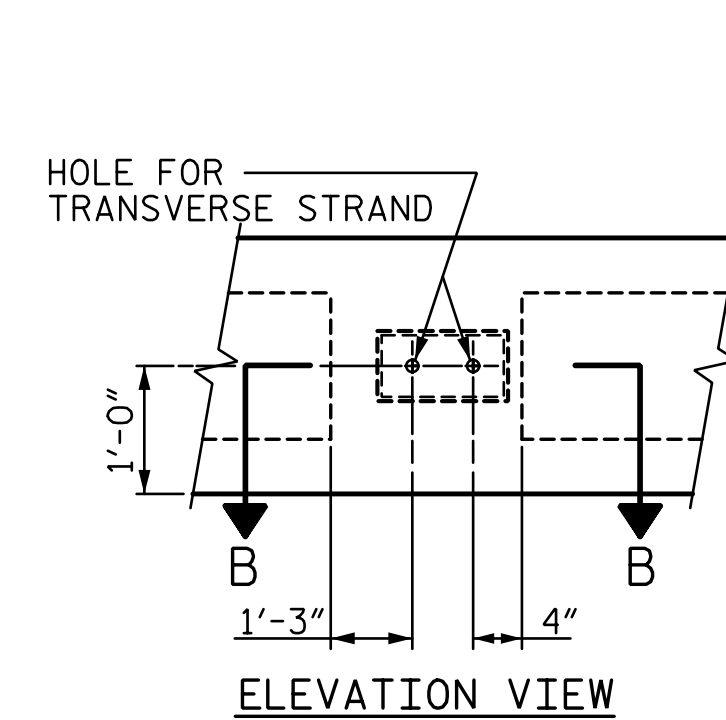
SHEAR KEY DETAIL

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

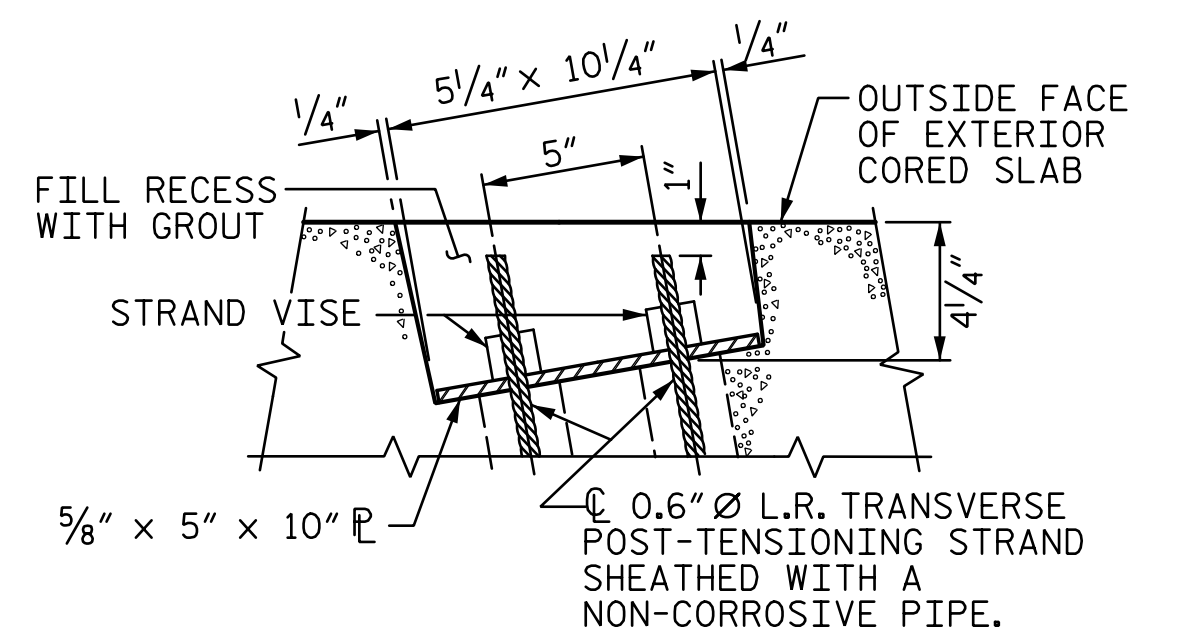
◆ BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 10'-0" FROM END OF CORED SLAB UNIT. SEE STANDARD SPECIFICATIONS, ARTICLE 1078-7.

▲ 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.

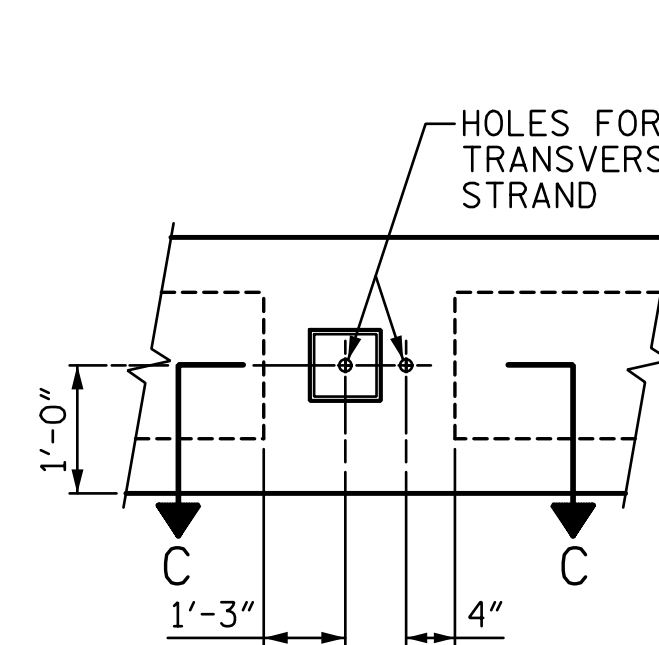
DEBONDING LEGEND



CORED SLAB UNIT #1

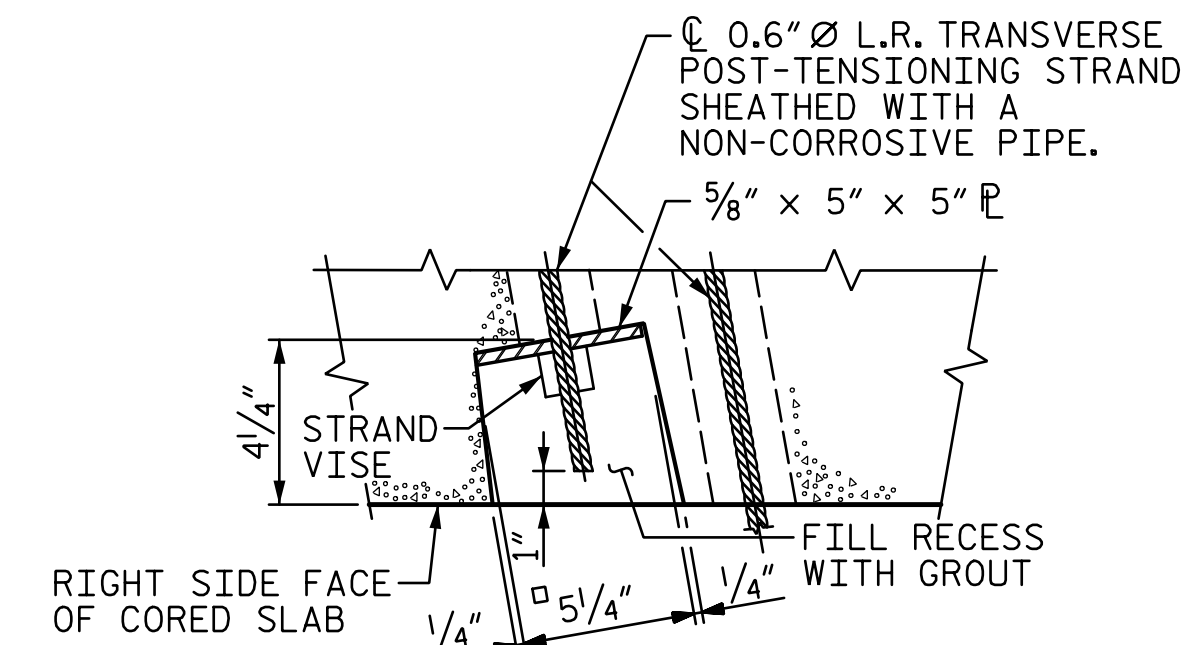


SECTION B-B

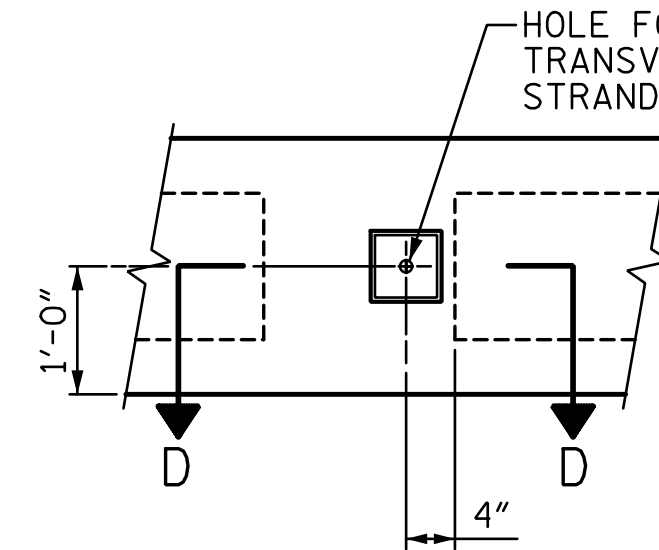


ELEVATION VIEW

CORED SLAB UNIT #5

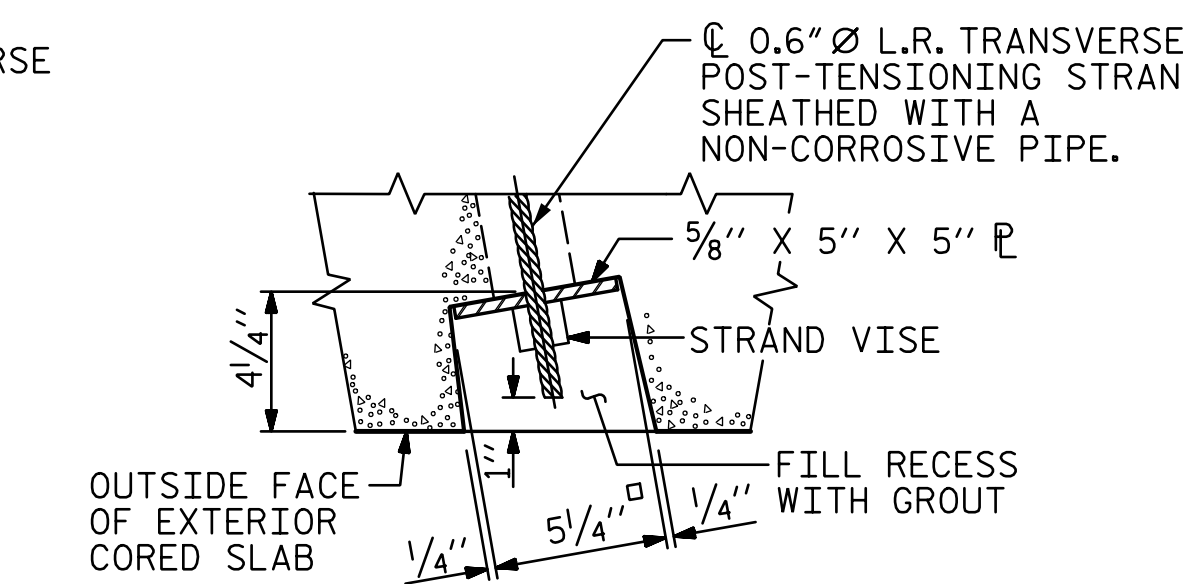


SECTION C-C



ELEVATION VIEW

CORED SLAB UNIT #11



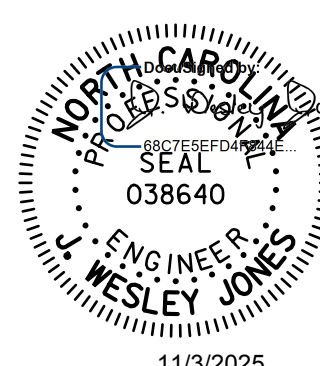
SECTION D-D

GROUTED RECESS AT END OF
POST-TENSIONED STRAND CORED SLABS

(SEE SHEET 2 OF 4 FOR LOCATIONS)

PROJECT NO. **B-6029**
MACON COUNTY
STATION: **17+07.50 -L-**

SHEET 1 OF 4



stv STV Engineers, Inc.
2151 Hawkins Street, Suite 1400
Charlotte, NC 28203
NC License Number F-0991

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
3'-0" X 2'-0" PRESTRESSED CONCRETE CORED SLAB UNIT 60° SKEW					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 17

DRAWN BY : LEM DATE : 7-17
CHECKED BY : JTG DATE : 11-17
DESIGN ENGINEER OF RECORD : JWJ DATE : 10-25