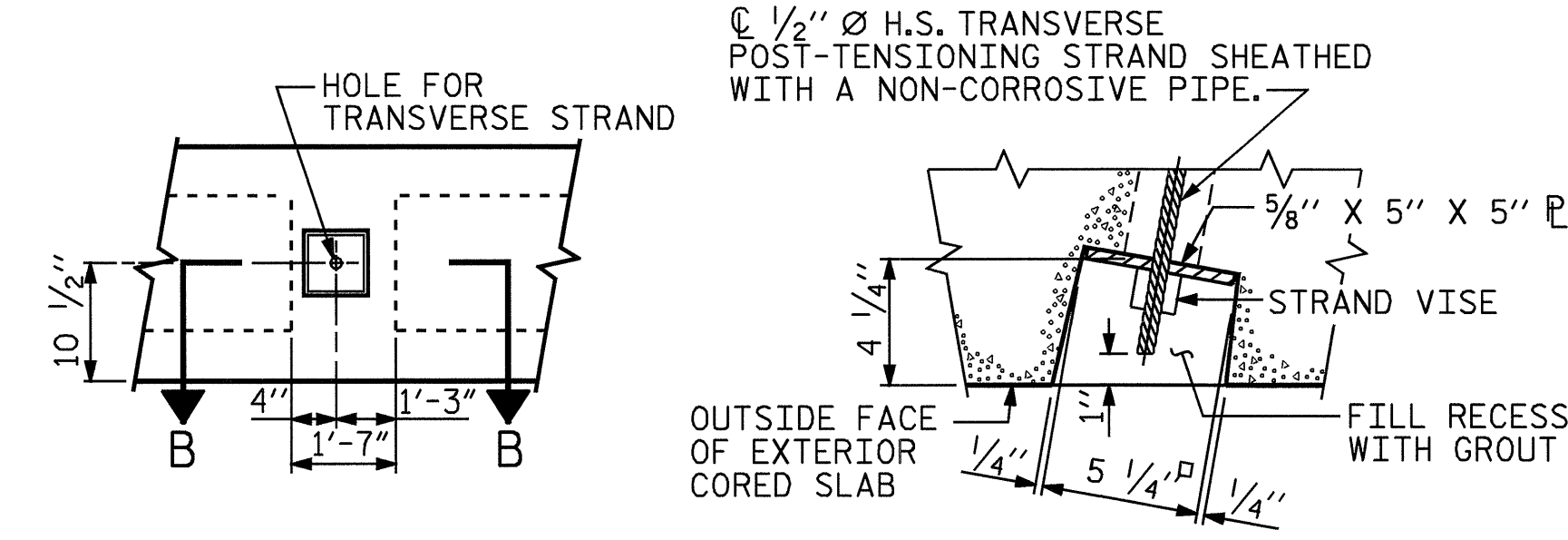
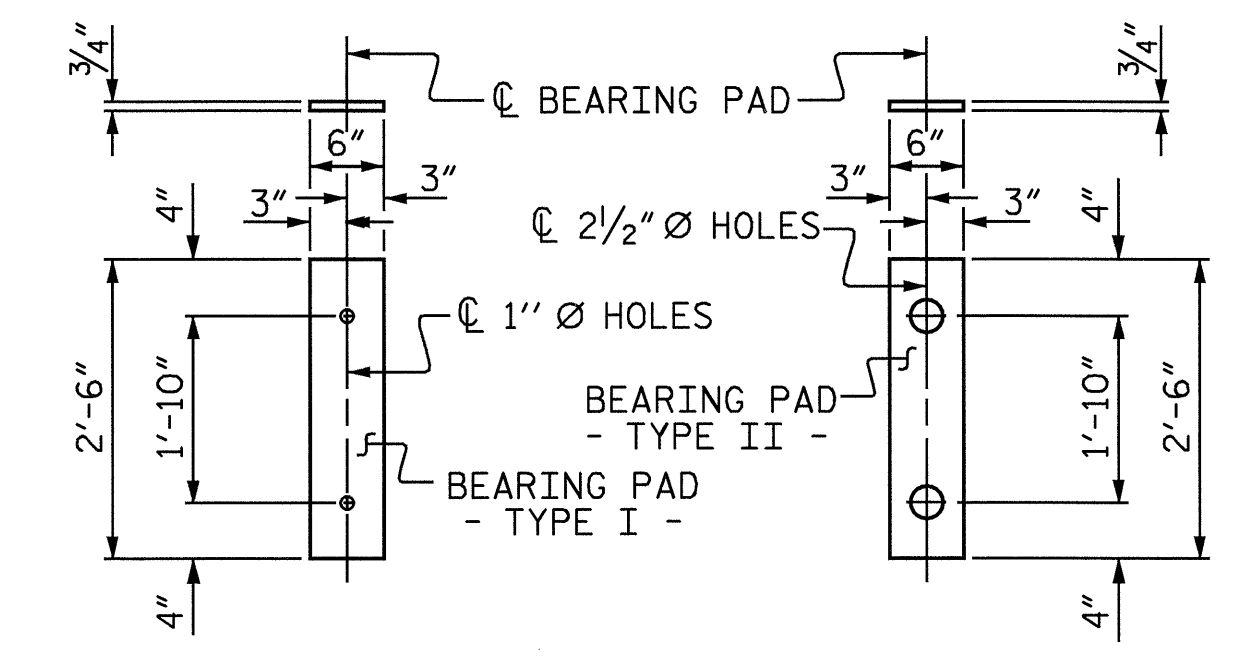


**TYPICAL SECTION**

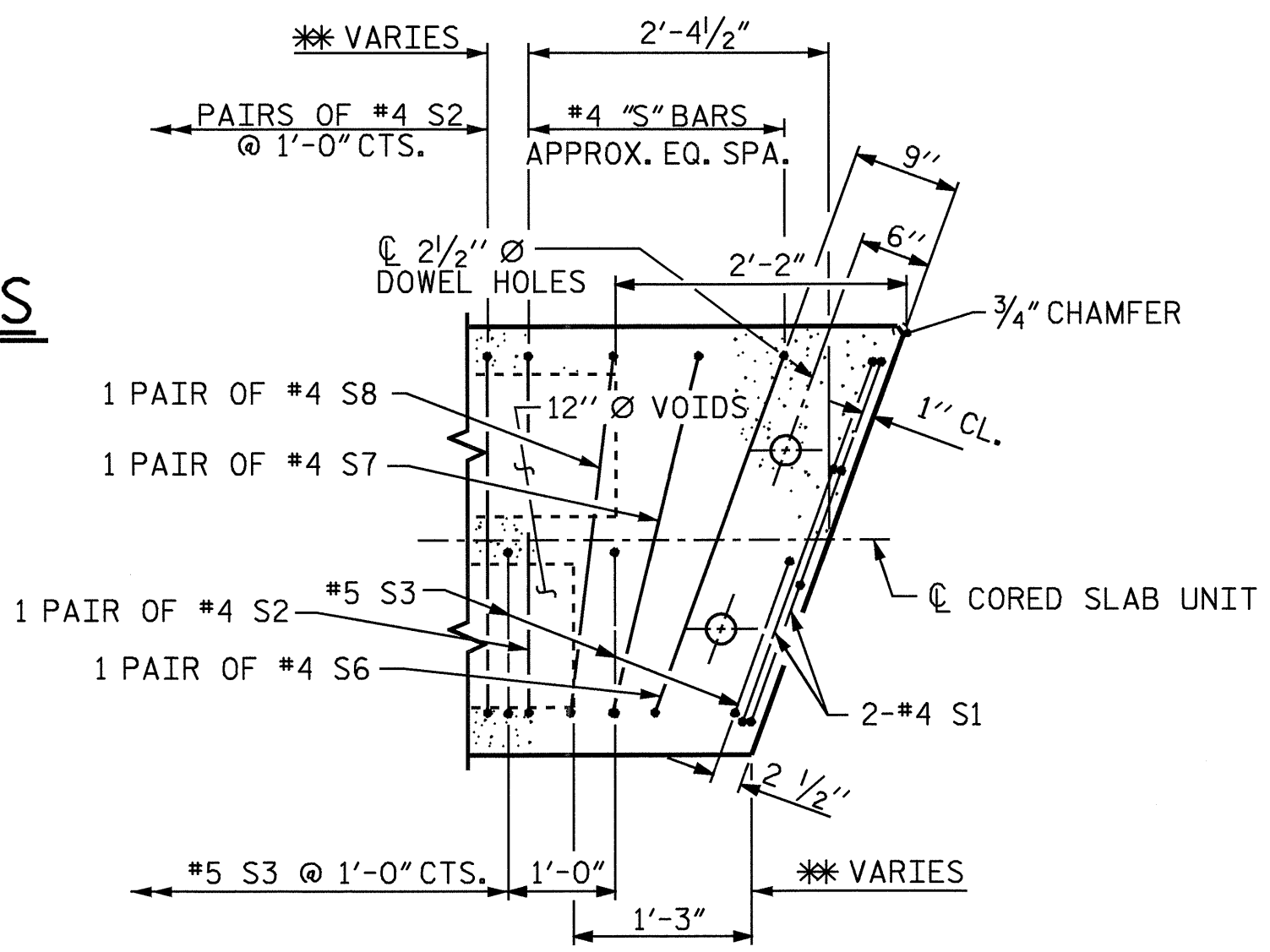


**ELEVATION VIEW SECTION B-B**  
**GRouted RECESS AT END OF POST-TENSIONED STRAND-CORED SLABS**

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

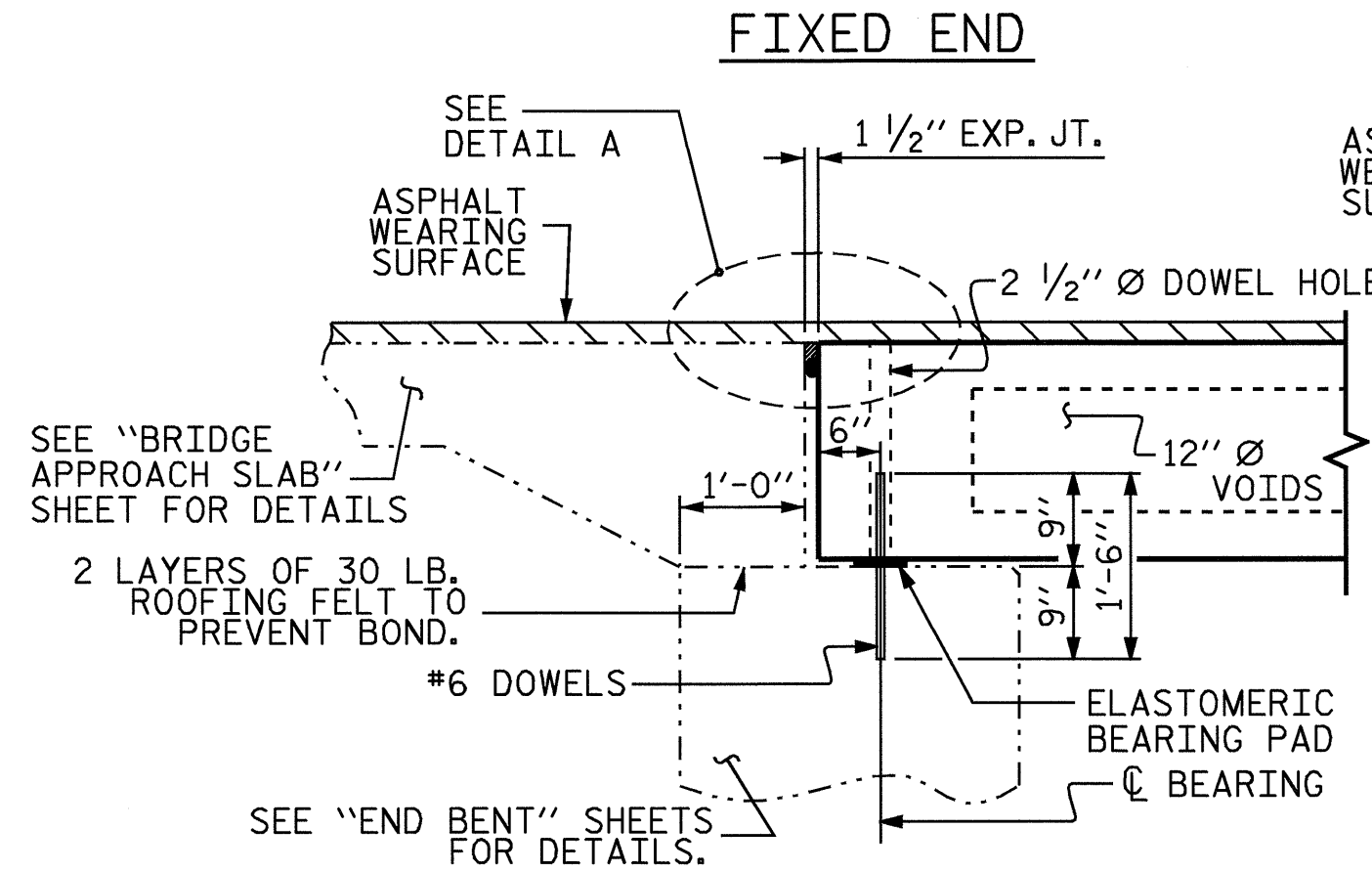


**FIXED END (TYPE I - 45 REQ'D) EXPANSION END (TYPE II - 45 REQ'D)**  
**ELASTOMERIC BEARING DETAILS**

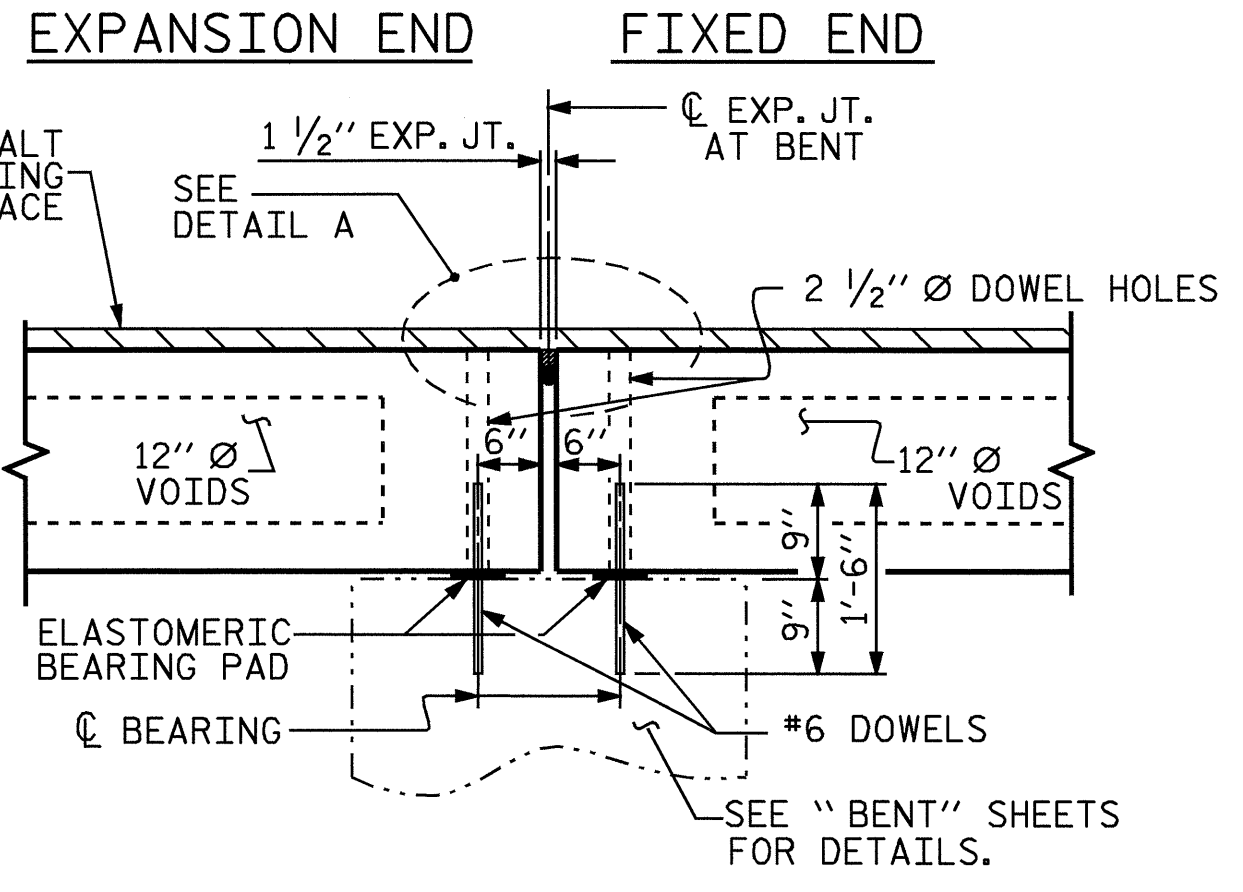


**PART PLAN-EXTERIOR SECTION**

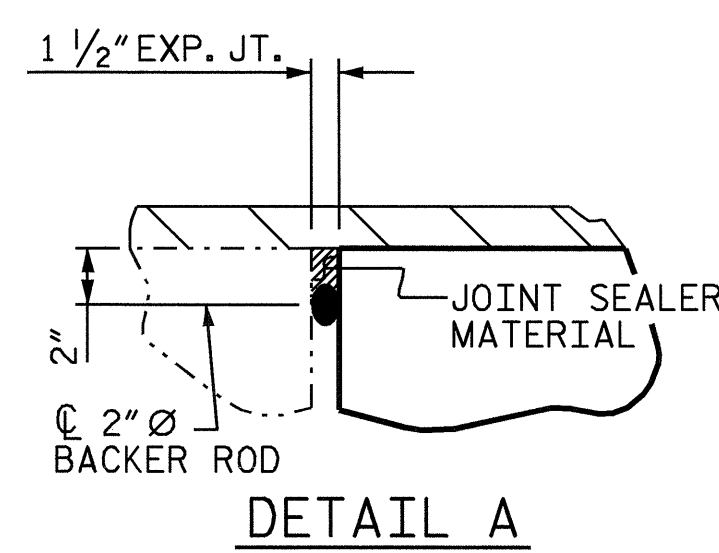
NOTE: EXTERIOR SECTION SHOWN-INTERIOR SECTION SIMILAR EXCEPT OMIT S3 BARS.  
\*\* SEE "PLAN OF SPANS" FOR DIMENSION.



**SECTION AT END BENT**

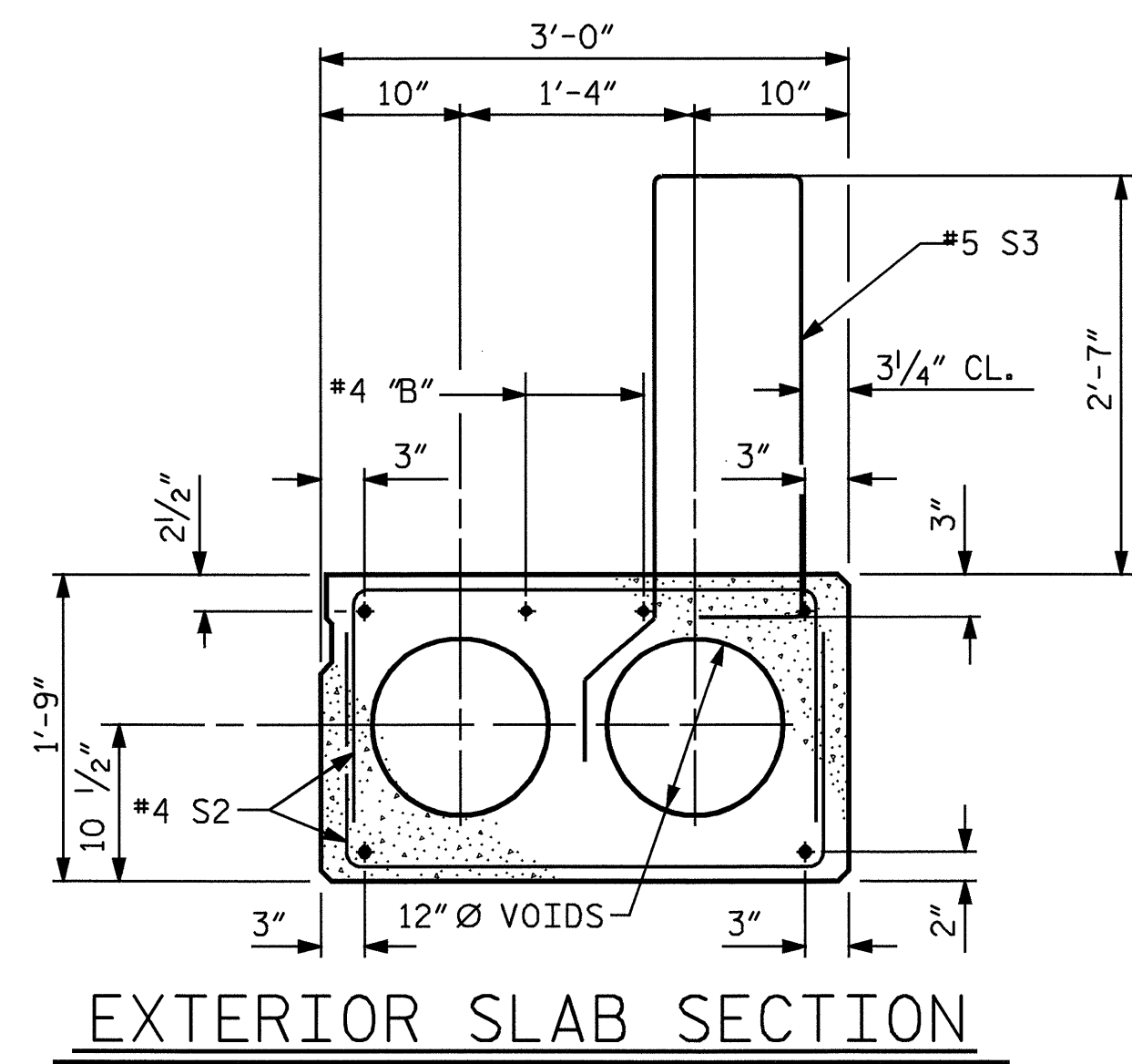


**SECTION AT BENT**



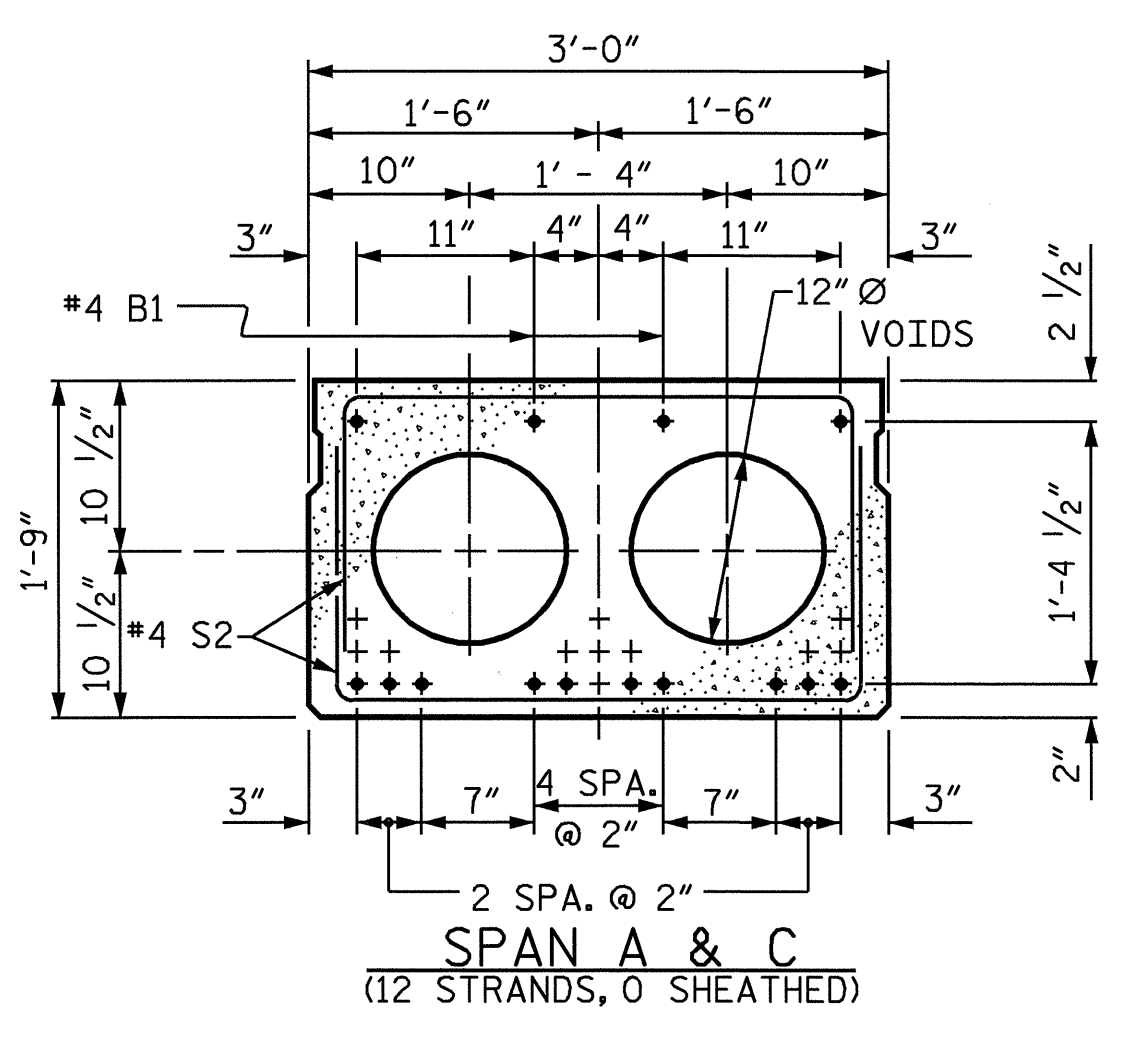
**DETAIL A**

BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 4'-5" FROM END OF CORED SLAB UNIT, SEE STANDARD SPECIFICATIONS ARTICLE 1078-7.

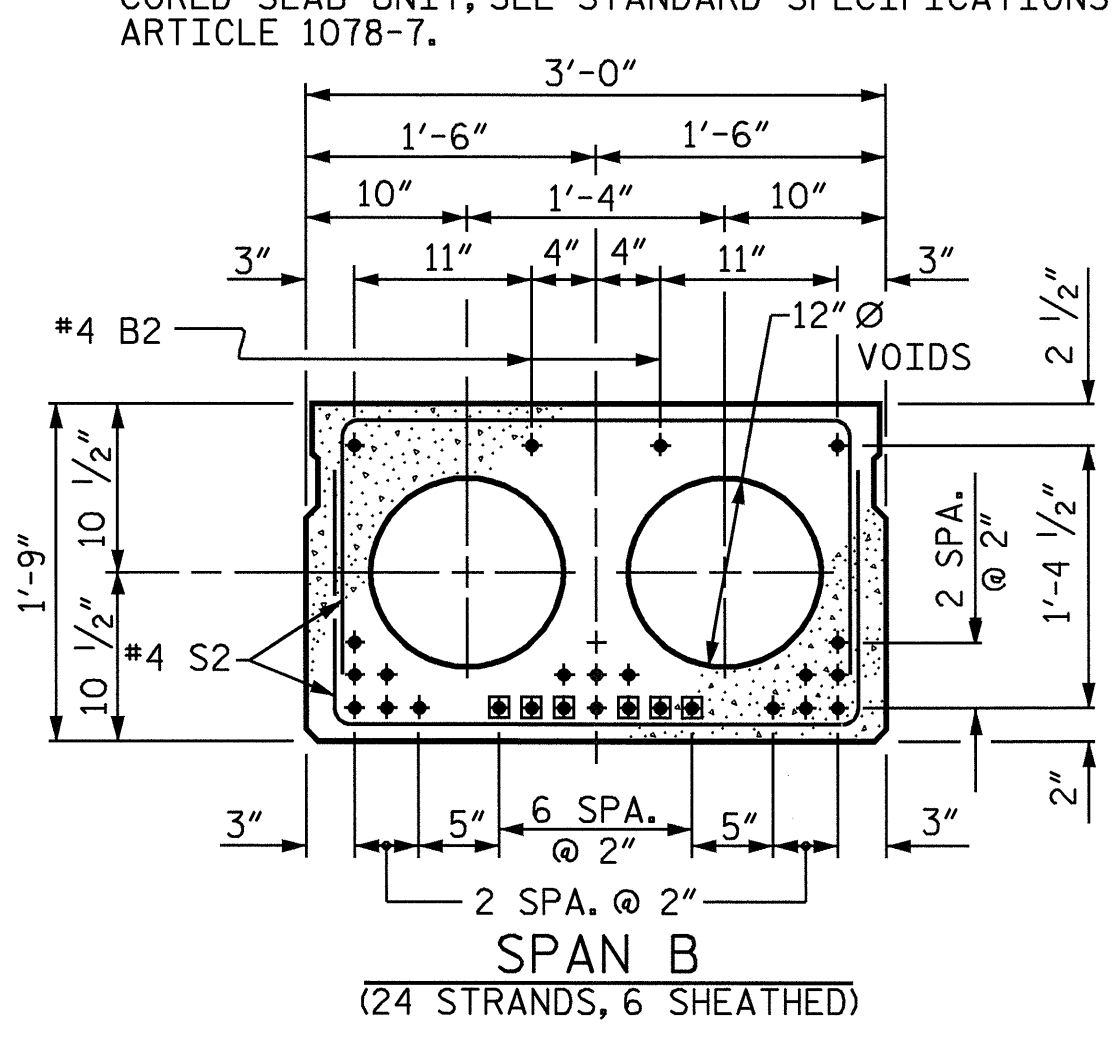


**EXTERIOR SLAB SECTION**

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

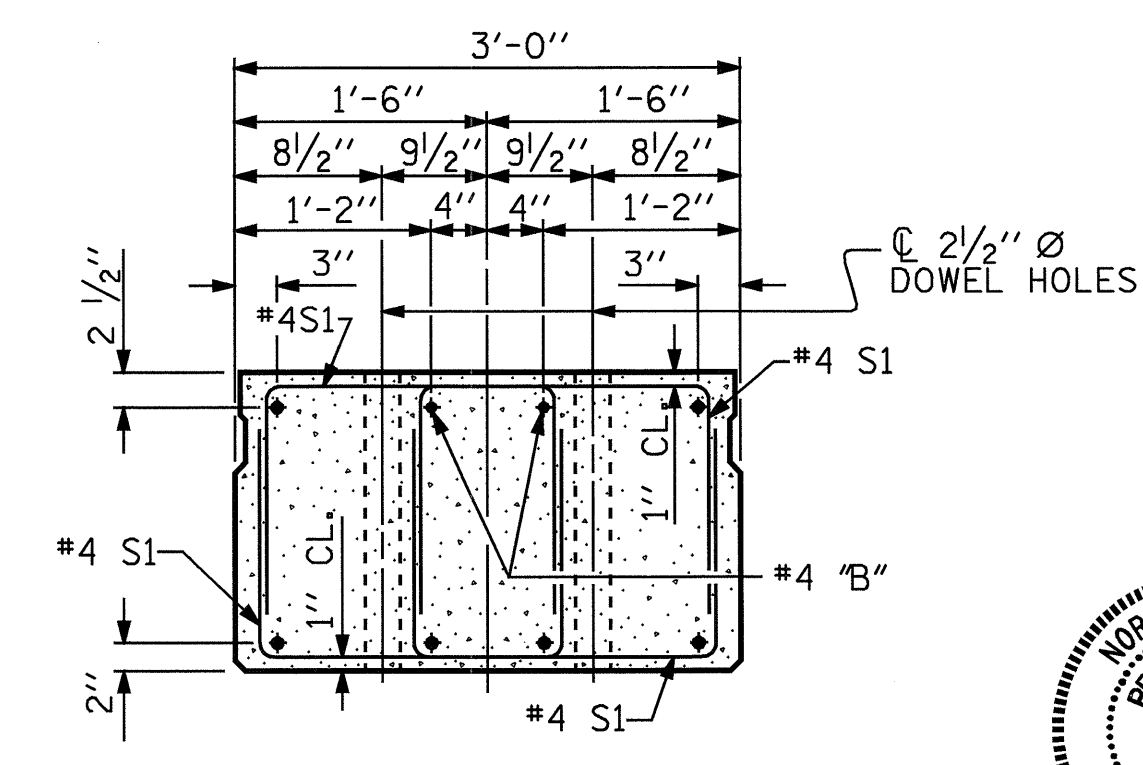


**SPAN A & C (12 STRANDS, 0 SHEATHED)**



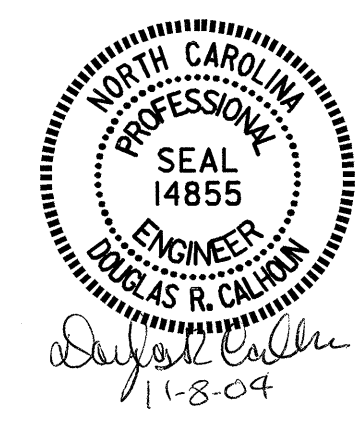
**SPAN B (24 STRANDS, 6 SHEATHED)**

**1/2" Ø LOW RELAXATION STRAND LAYOUT**



**END ELEVATION**

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



**PROJECT NO. B-3451**  
**DURHAM COUNTY**  
**STATION: 14+99.30 -L-**

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**TYPICAL SECTION DETAILS**

OCTOBER 1981

REVISIONS					SHEET NO. <b>S-4</b>
NO.	BY:	DATE:	NO.	DATE:	
1			3		TOTAL SHEETS <b>27</b>
2			4		

ASSEMBLED BY : A.L.MEADOWS	DATE : 11/14/02
CHECKED BY : T.A.HARRIS	DATE : 4/30/03
DRAWN BY : WJH 4/89	REV. 8/16/99 RWW/LES
CHECKED BY : FCJ 5/89	REV. 10/17/00 RWW/LES
	REV. 7/10/01RR RWW/LES