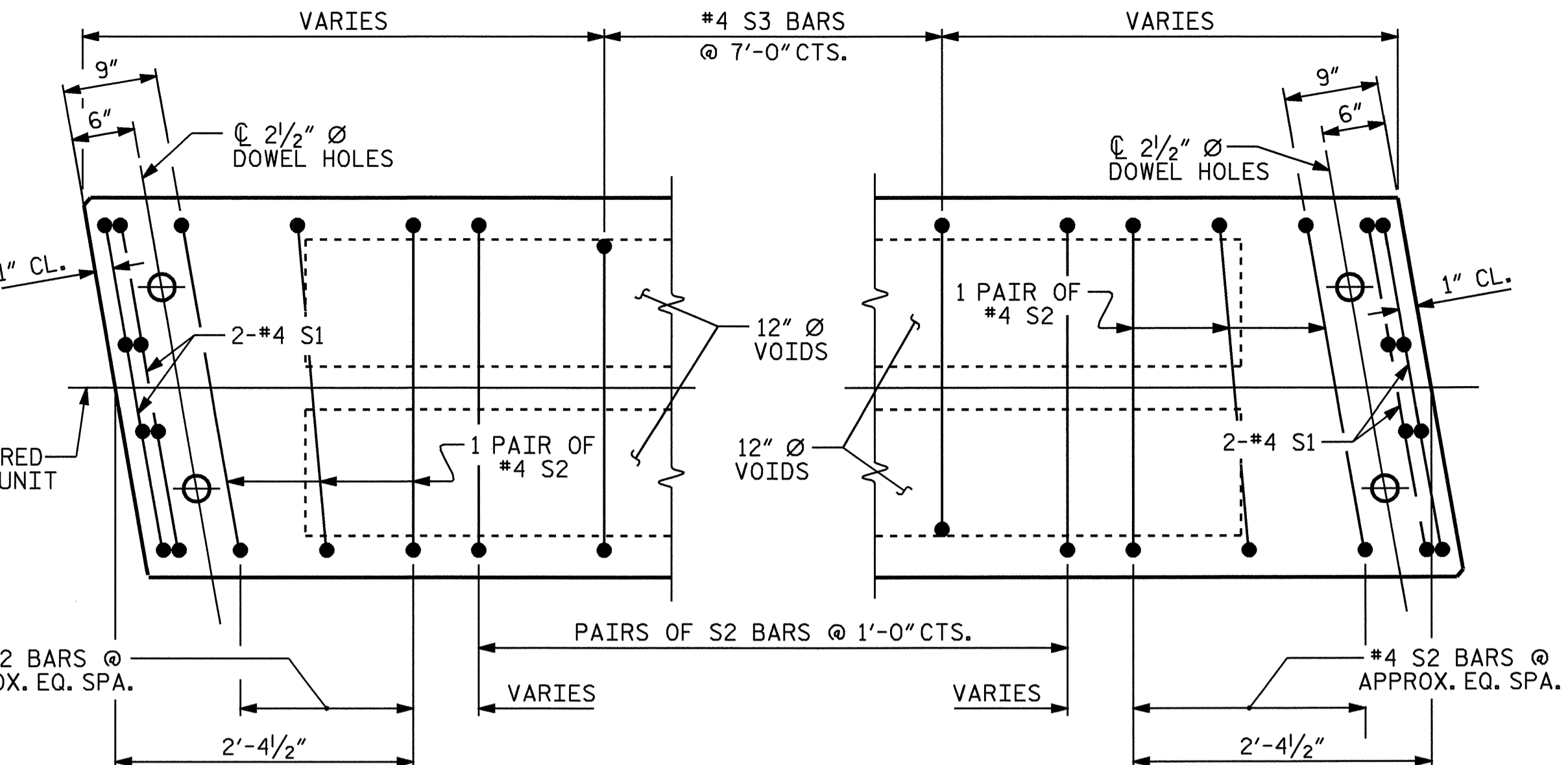


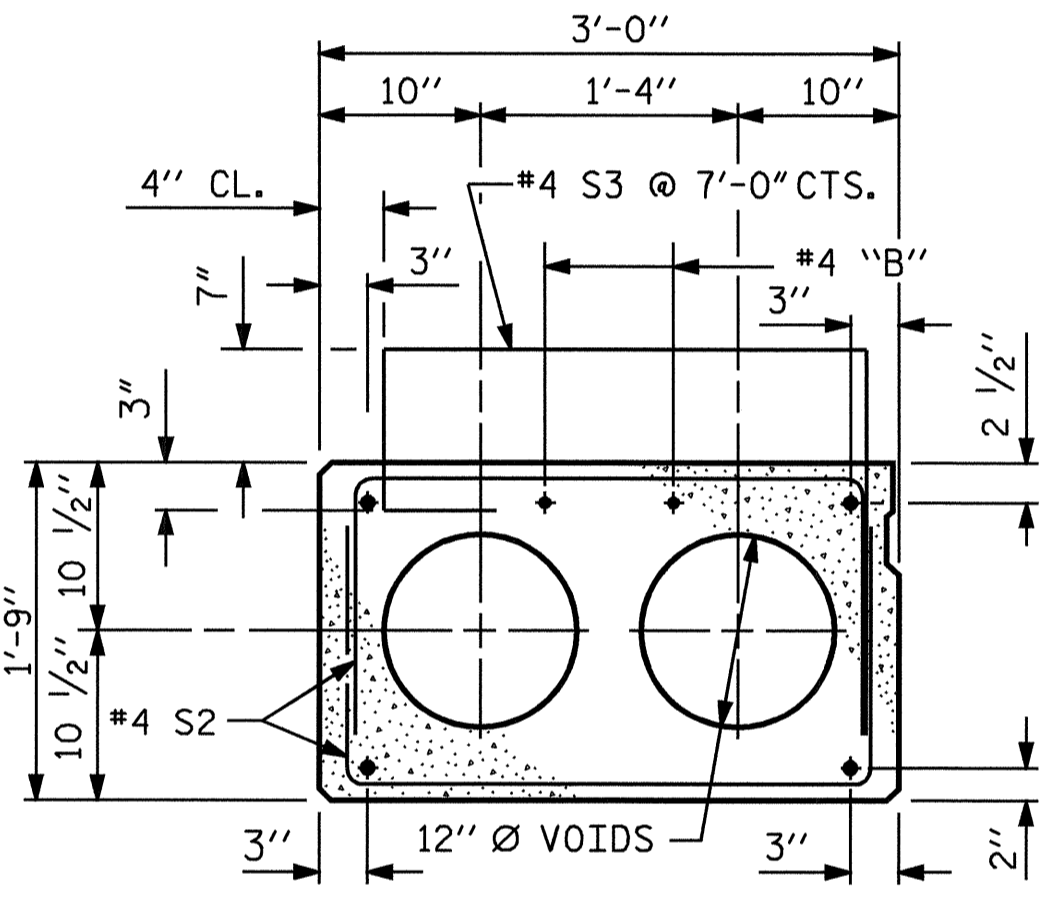
**TYPICAL SECTION**



**PART PLAN-EXTERIOR AND INTERIOR (SIDEWALK) SECTION**

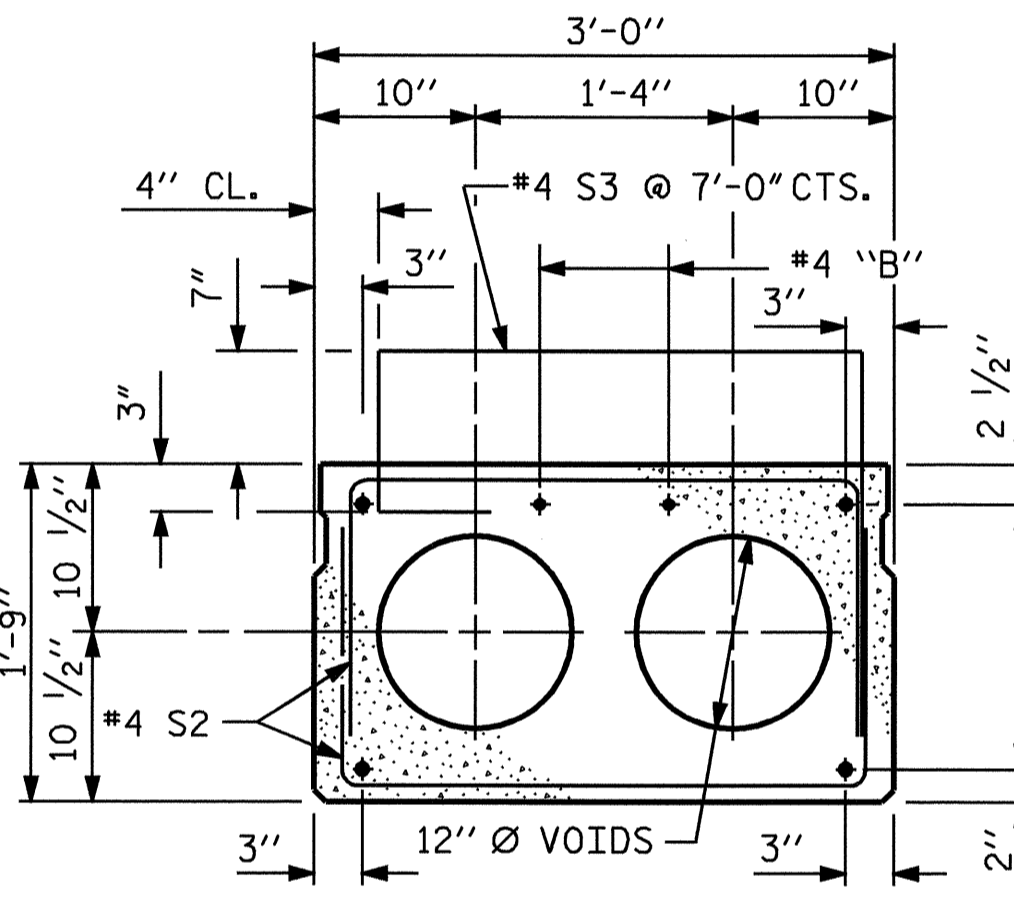
EXTERIOR AND INTERIOR SECTION (SIDEWALK) SHOWN - INTERIOR SECTION SIMILAR EXCEPT OMIT S3 BARS. SEE PLAN OF SPANS FOR END SPACING.

NOTE: THE TOP SURFACE OF ALL THE CORED SLAB UNITS SHALL HAVE A 3/8" RAKED FINISH.



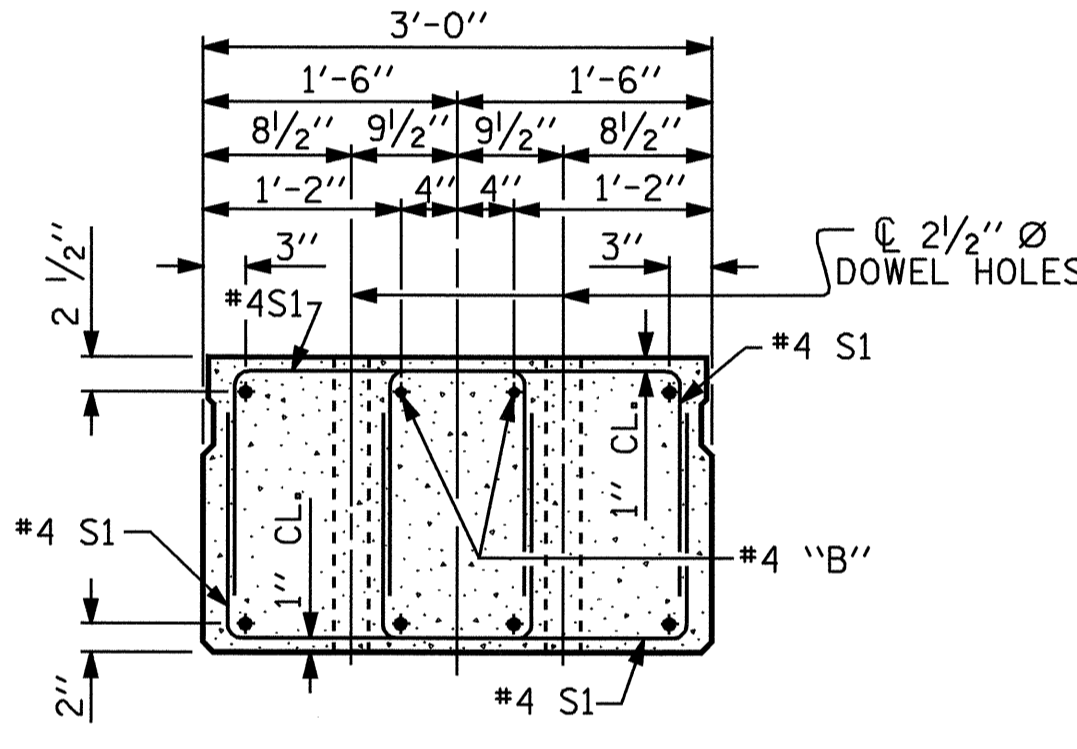
**EXTERIOR SLAB - SIDEWALK SECTION**

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



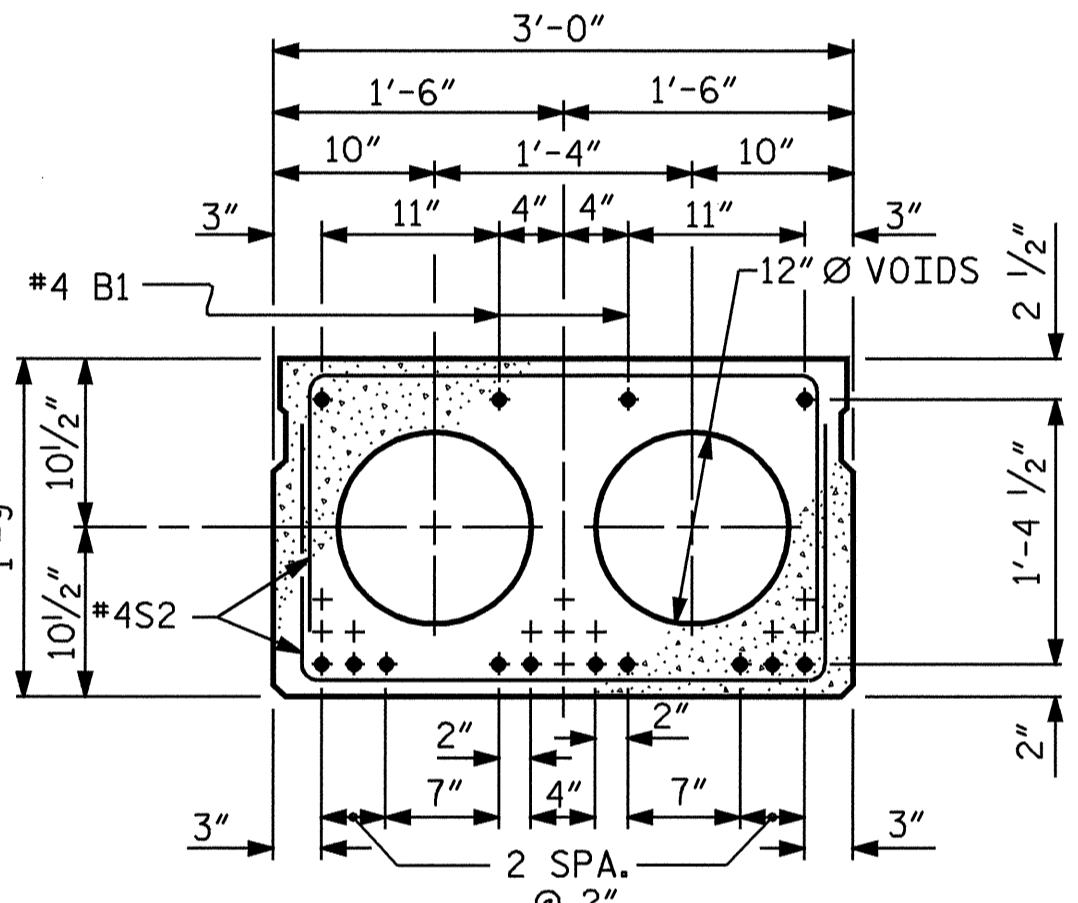
**INTERIOR SLAB - SIDEWALK SECTION**

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



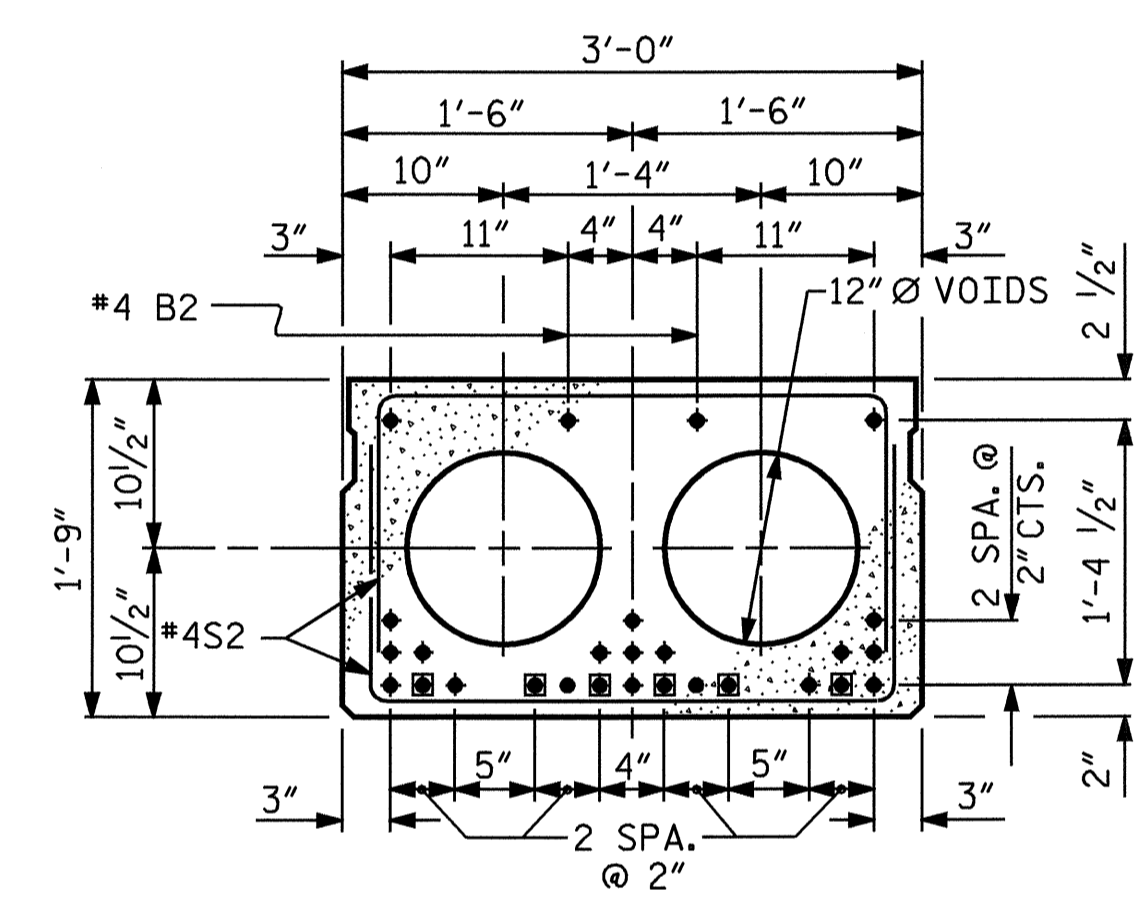
**END ELEVATION**

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



**SPAN A AND C**

(12 STRANDS)

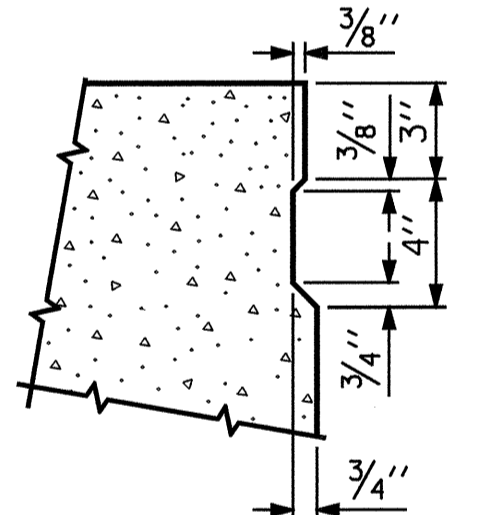


**SPAN B**

(25 STRANDS, 6 SHEATHED)

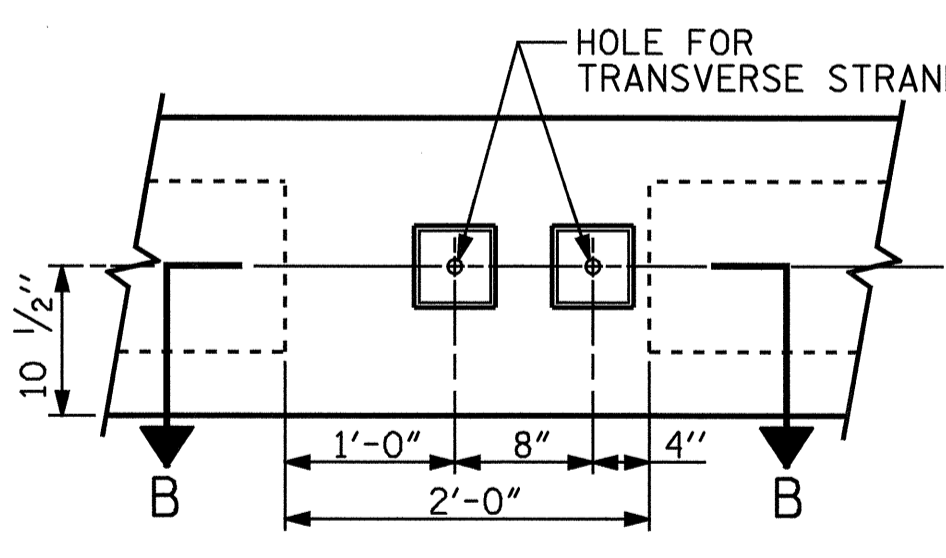
**1/2" Ø LOW RELAXATION STRAND LAYOUT**

BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 4'-6" FROM END OF CORED SLAB UNIT, SEE STANDARD SPECIFICATIONS ARTICLE 1078-7.

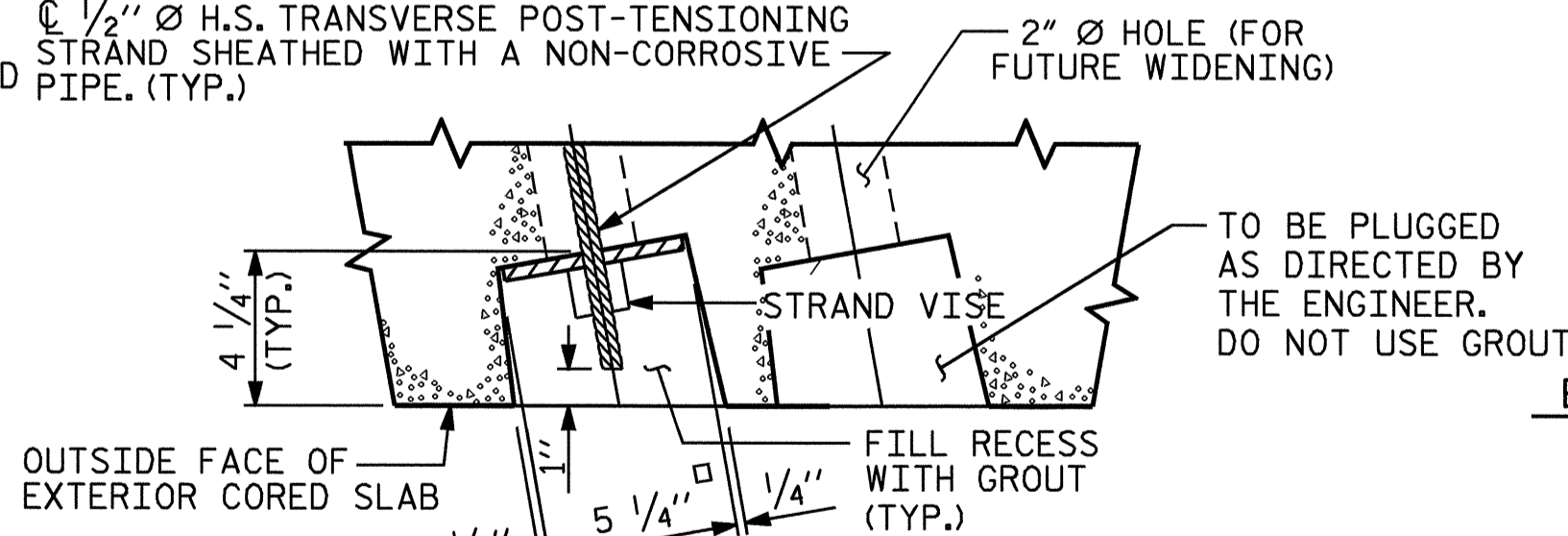


**SHEAR KEY DETAIL**

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



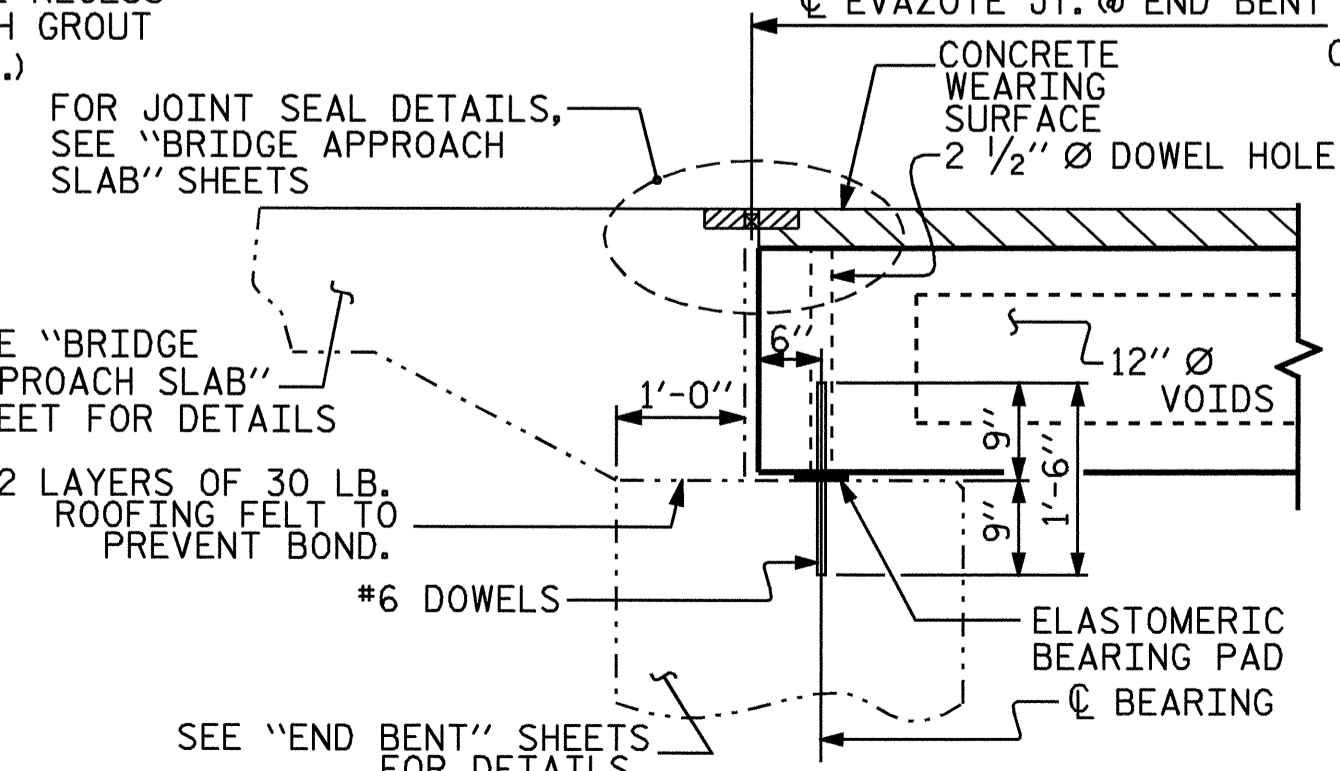
**ELEVATION VIEW**



**SECTION B-B**

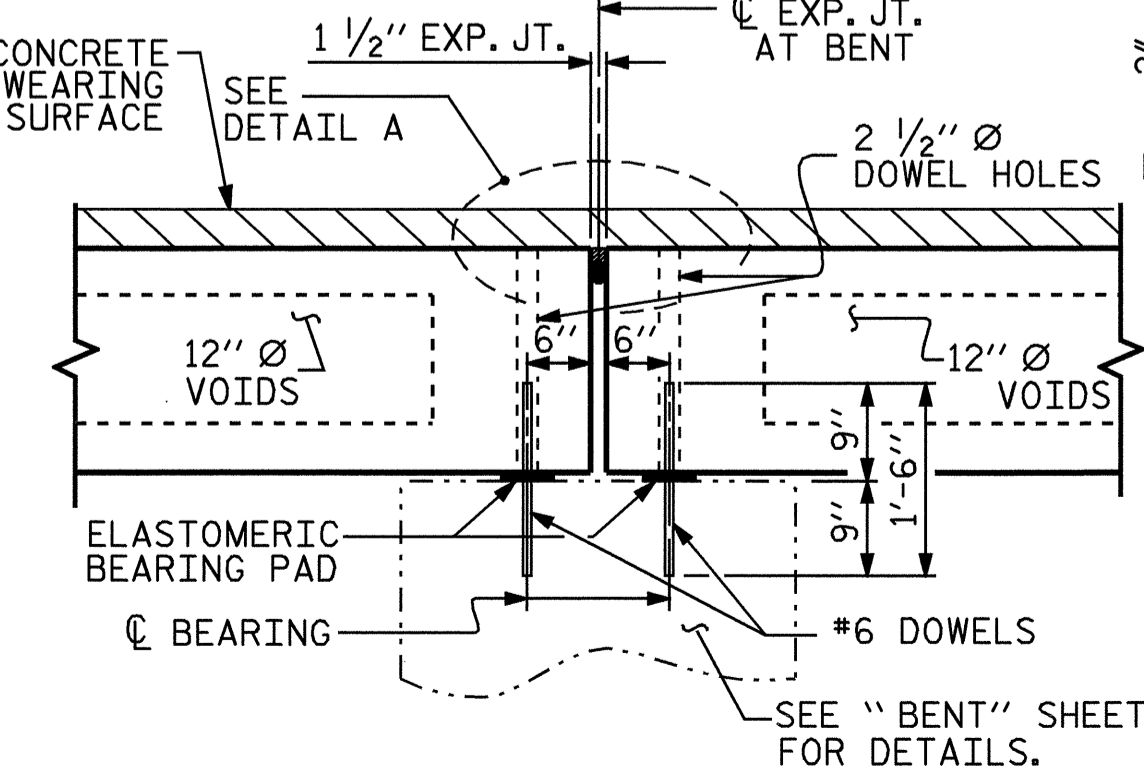
**GROUTED RECESS AT END OF POST-TENSIONED STRAND CORED SLABS**

**EXPANSION END**



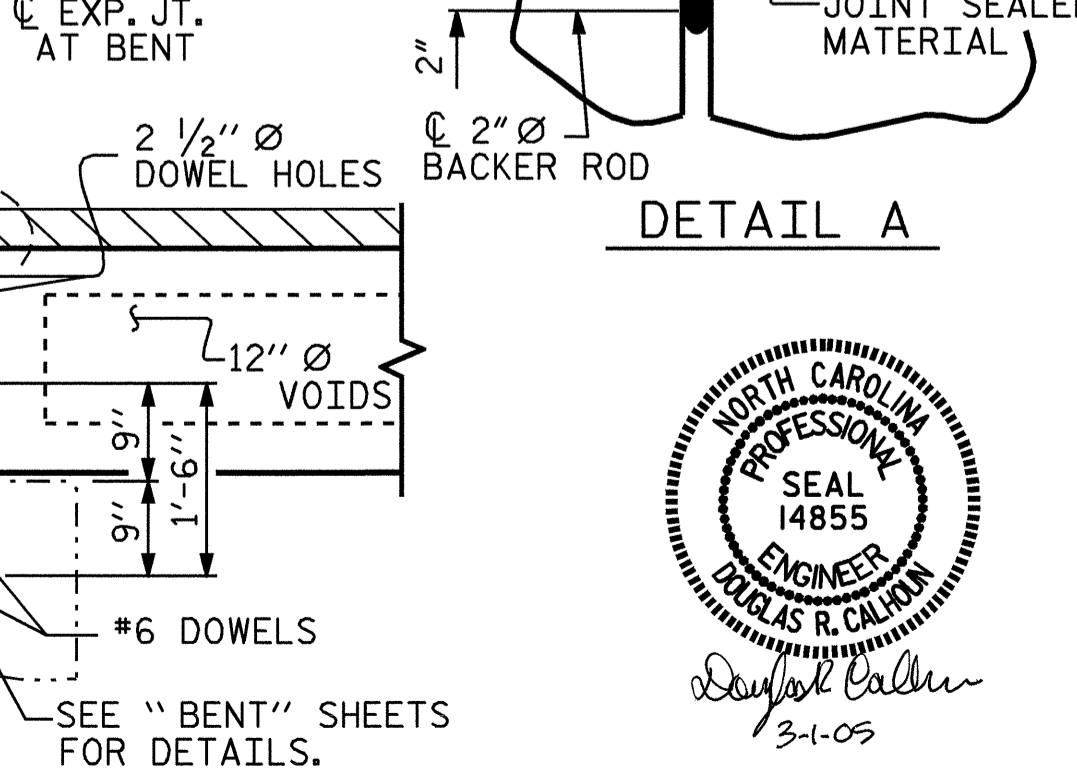
**SECTION AT END BENT**

**FIXED END**



**SECTION AT BENT**

**FIXED END**



**DETAIL A**

PROJECT NO. B-3450  
 DURHAM COUNTY  
 STATION: 22+37.00 -L-

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 STANDARD  
 3'-0" X 1'-9"  
 PRESTRESSED CONCRETE  
 CORED SLAB UNIT

NO.		BY:		DATE:		REVISIONS		SHEET NO.	
1						3		S-29	
2						4		TOTAL SHEETS	53

ASSEMBLED BY : A.L.MEADOWS	DATE : 7/23/02
CHECKED BY : T.A.HARRIS	DATE : 9/13/02
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