

TYPE 3 INTERIOR SLAB SECTION (70' UNIT)
 (28 STRANDS REQUIRED)
0.6" Ø LOW RELAXATION STRAND LAYOUT

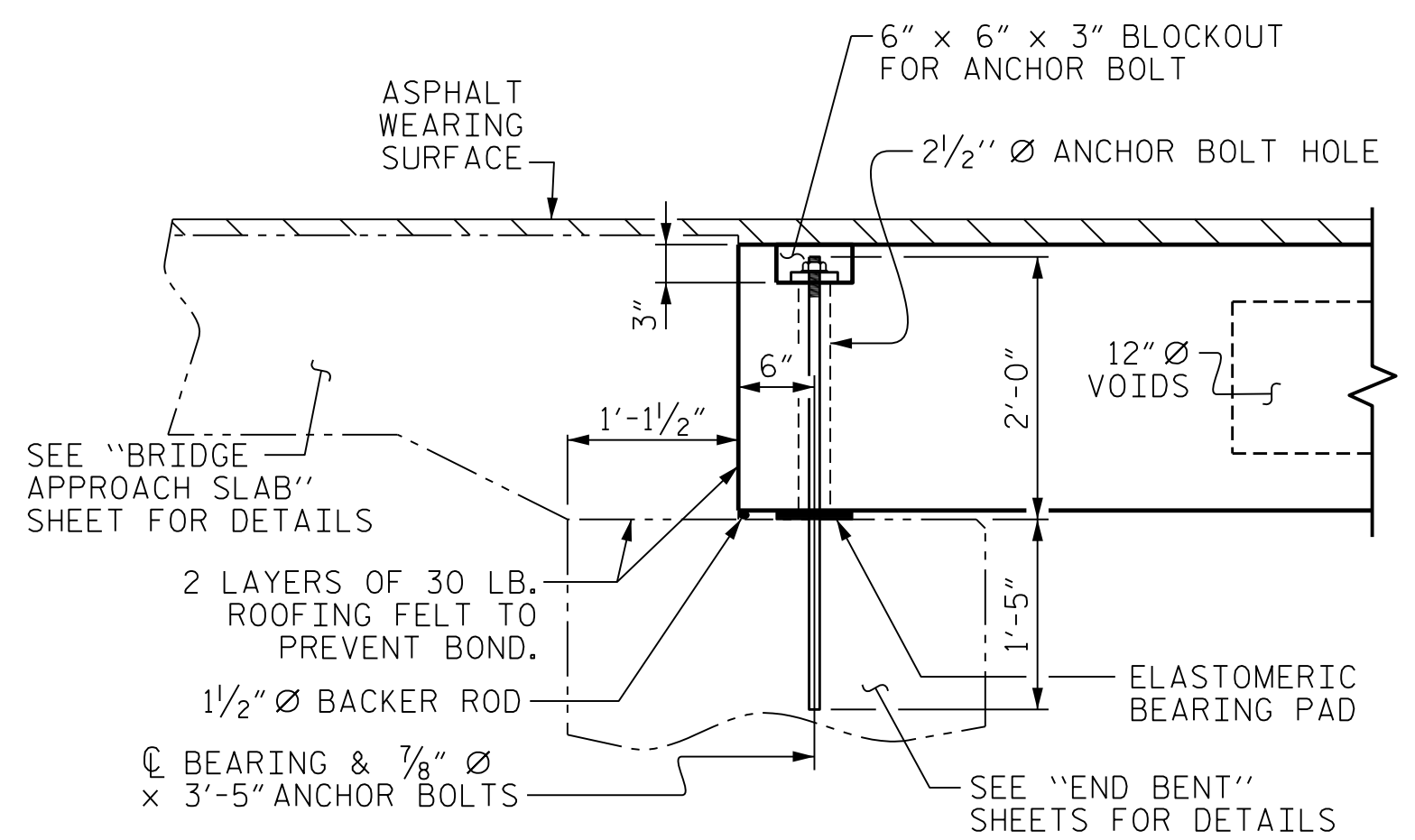
◆ BOND SHALL BE BROKEN ON THESE STRANDS FOR A DISTANCE OF 6'-0" FROM END OF CORED SLAB UNIT. SEE STANDARD SPECIFICATIONS, ARTICLE 1078-7.

HALF SECTION AT INTERMEDIATE DIAPHRAGMS **TYPICAL SECTION** **HALF SECTION THROUGH VOIDS**

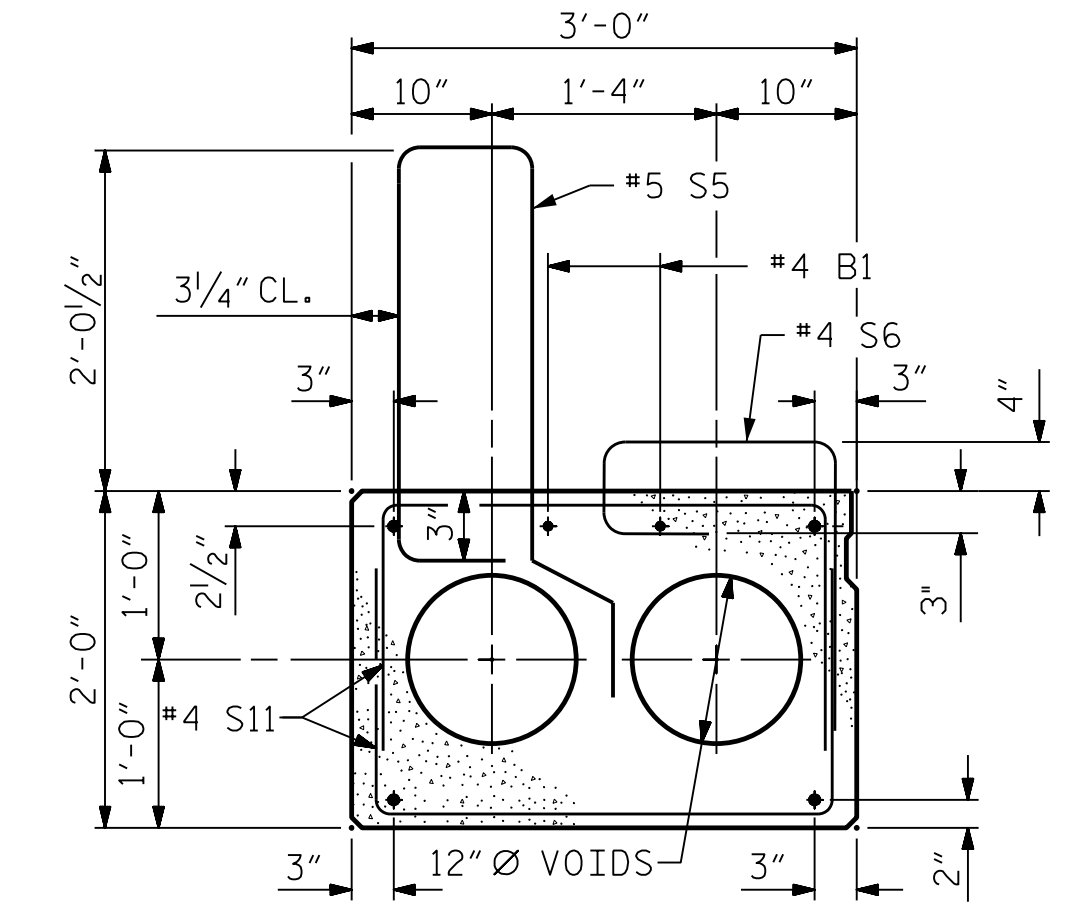
* THE MAXIMUM CONCRETE PARAPET HEIGHT, SIDEWALK THICKNESS, AND ASPHALT THICKNESS IS SHOWN. THE CONCRETE PARAPET HEIGHT, SIDEWALK THICKNESS, AND ASPHALT THICKNESS VARIES WHILE THE TOP OF THE CONCRETE PARAPET, AND SIDEWALK FOLLOWS THE PROFILE OF THE GUTTERLINE.

FOR CONCRETE PARAPET HEIGHT DETAILS SEE "CONCRETE PARAPET DETAILS" SHEETS. FOR SIDEWALK THICKNESS DETAILS, SEE "SIDEWALK PLAN AND SECTION" SHEET

FIXED END

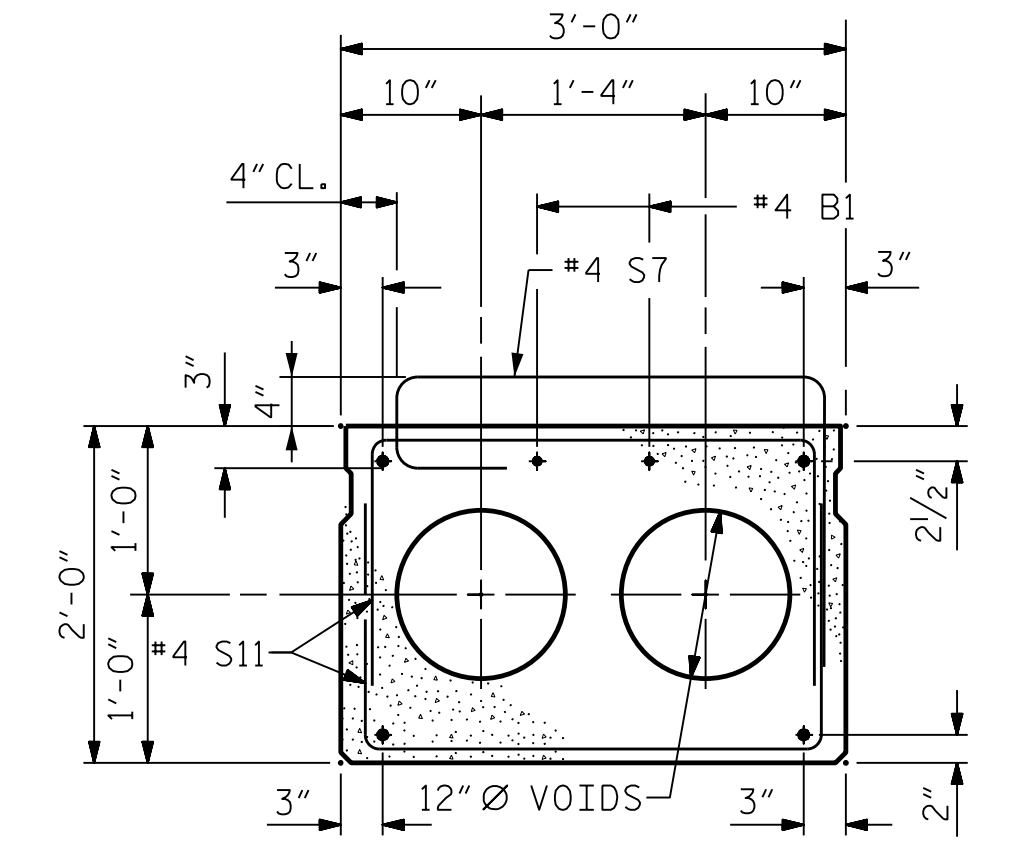


SECTION AT END BENT



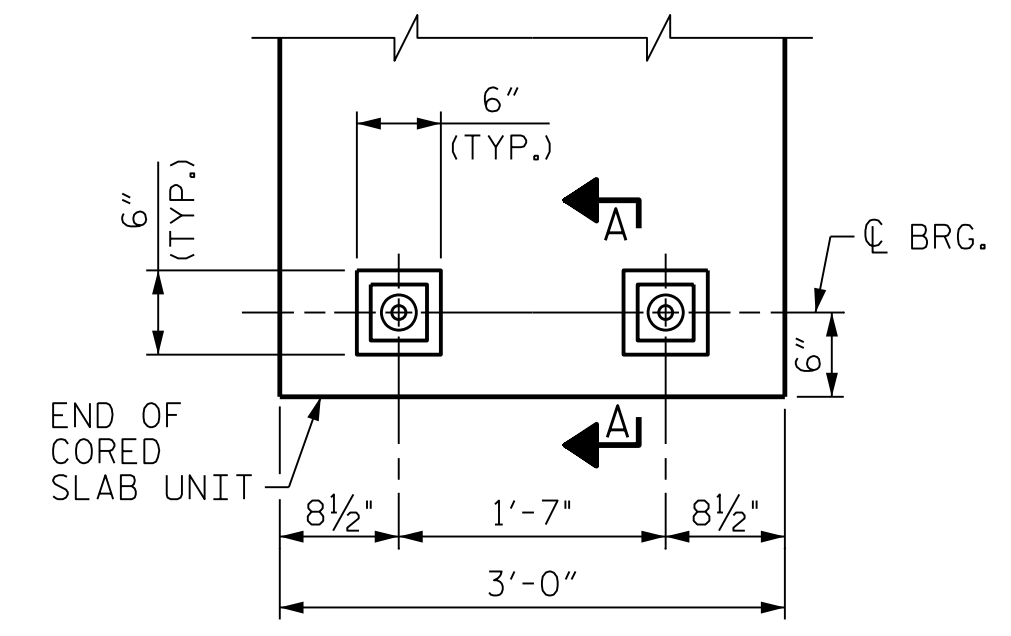
TYPE 1 EXTERIOR SLAB SECTION

(SEE TYPE 3 INTERIOR SLAB SECTION FOR GENERAL DIMENSIONS, STRAND LAYOUT, AND BAR MARKS NOT SHOWN)

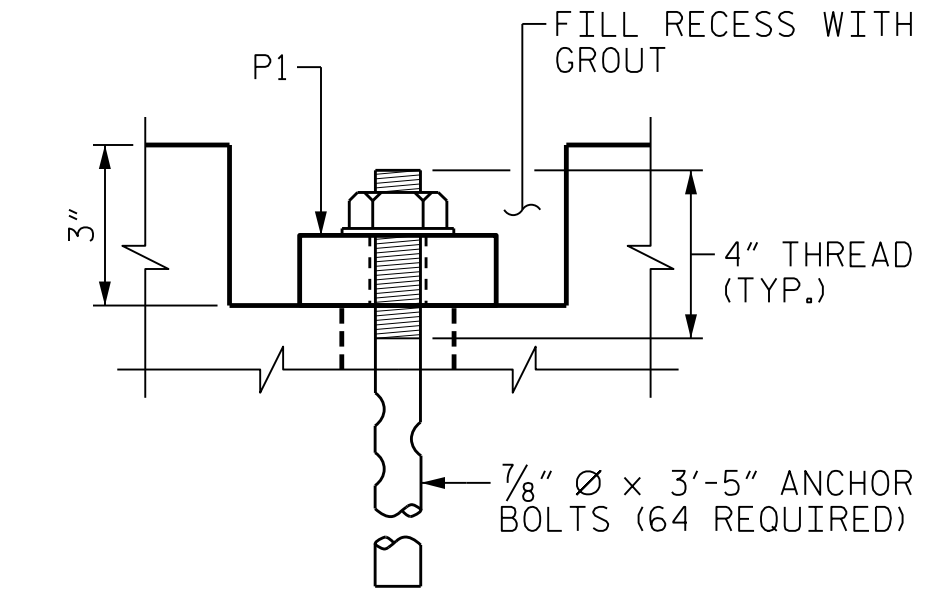


TYPE 2 INTERIOR SLAB SECTION

(SEE TYPE 3 INTERIOR SLAB SECTION FOR GENERAL DIMENSIONS, STRAND LAYOUT, AND BAR MARKS NOT SHOWN)



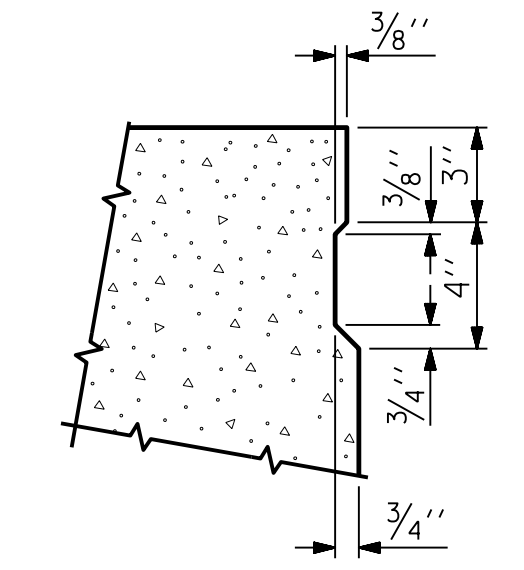
TYPICAL PLAN
(TYP. EA. CORED SLAB UNIT)



SECTION A-A

BLOCKOUT DETAIL FOR ANCHOR BOLTS

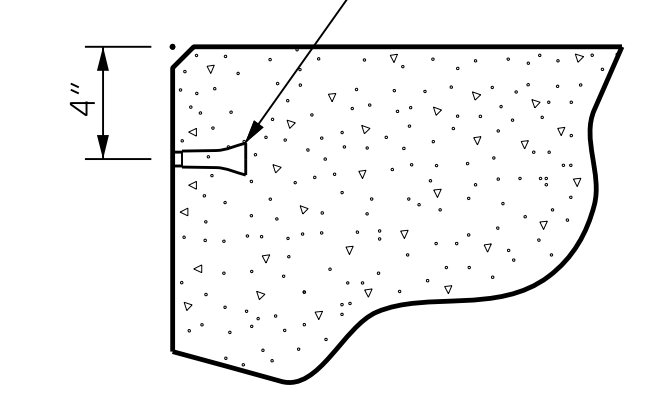
DEBONDING LEGEND



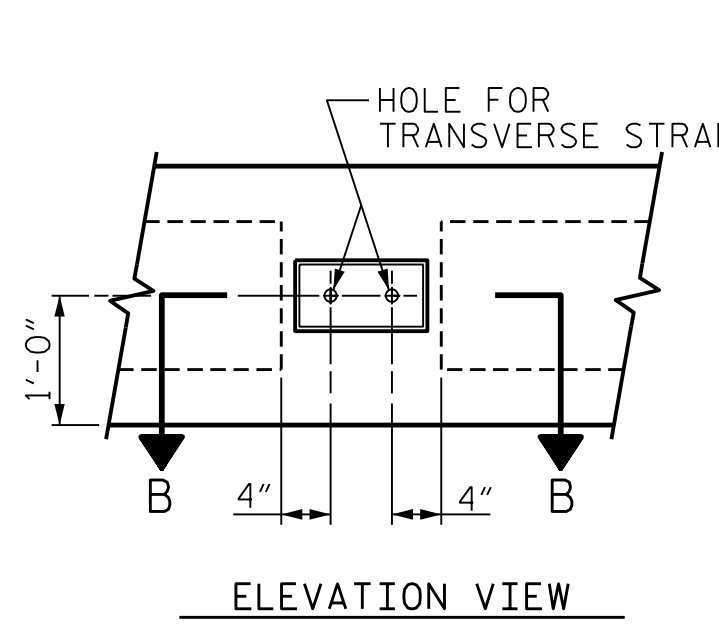
SHEAR KEY DETAIL

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

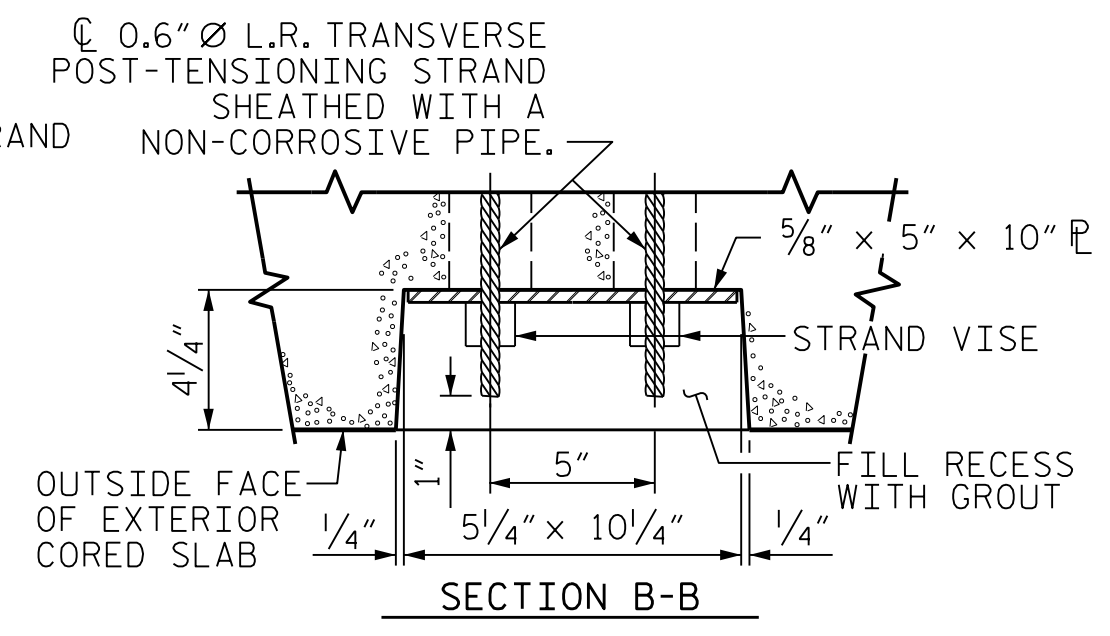
PERMITTED THREADED INSERT CAST IN OUTSIDE FACE OF EXTERIOR UNIT AND RECESSED 3/8" SIZE TO BE DETERMINED BY CONTRACTOR.



THREADED INSERT DETAIL

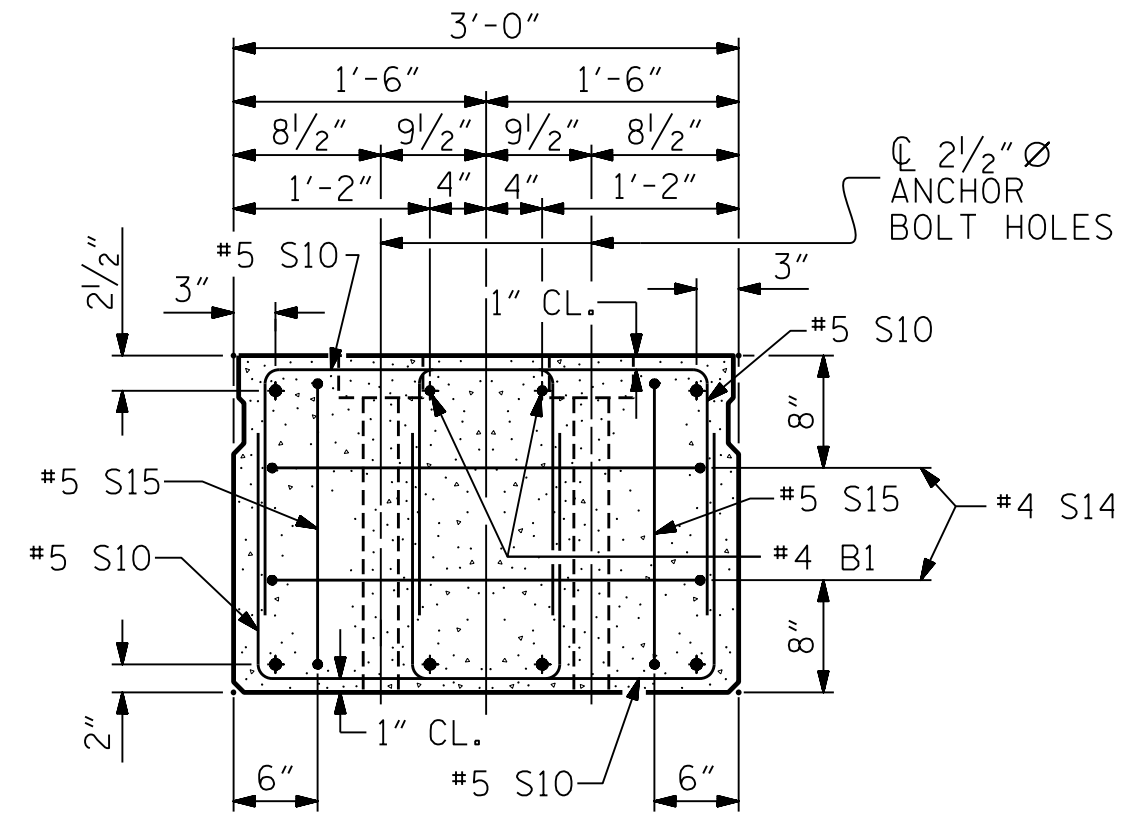


ELEVATION VIEW



SECTION B-B

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



END ELEVATION

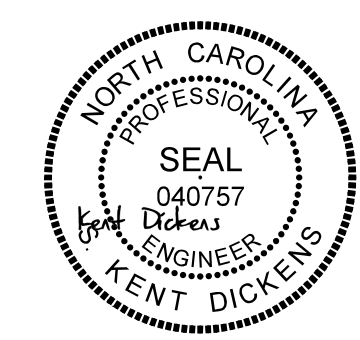
SHOWING PLACEMENT OF DOUBLE STIRRUPS AND LOCATION OF ANCHOR BOLT HOLES. (STRAND LAYOUT NOT SHOWN). INTERIOR SLAB UNIT SHOWN-EXTERIOR SLAB UNIT SIMILAR EXCEPT SHEAR KEY LOCATION.

PROJECT NO. 17BP.14.R.212
JACKSON COUNTY
 STATION: 19+91.00 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

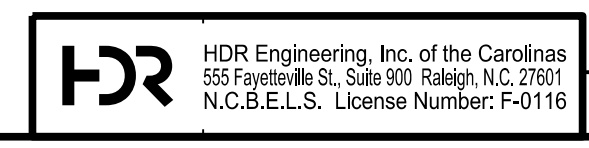
SUPERSTRUCTURE
3'-0" X 2'-0"
PRESTRESSED CONCRETE
CORED SLAB UNIT



REVISIONS						SHEET NO. S-5
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS 20
2	--	--	4	--	--	

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl USER: DCARTER DATE: 3/31/2021 TIME: 12:40:45 PM
 FILE: ... \SUPERSTRUCTURE TYPICAL SECTION

DES BY: <u>S. DHONDE</u>	DATE: <u>12/19</u>	DWG BY: <u>B. PETERSON</u>	DATE: <u>08/19</u>
DES CHK: <u>J. ROBERTS</u>	DATE: <u>12/19</u>	CHK BY: <u>K. DICKENS</u>	DATE: <u>02/20</u>



1/25/2022
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED