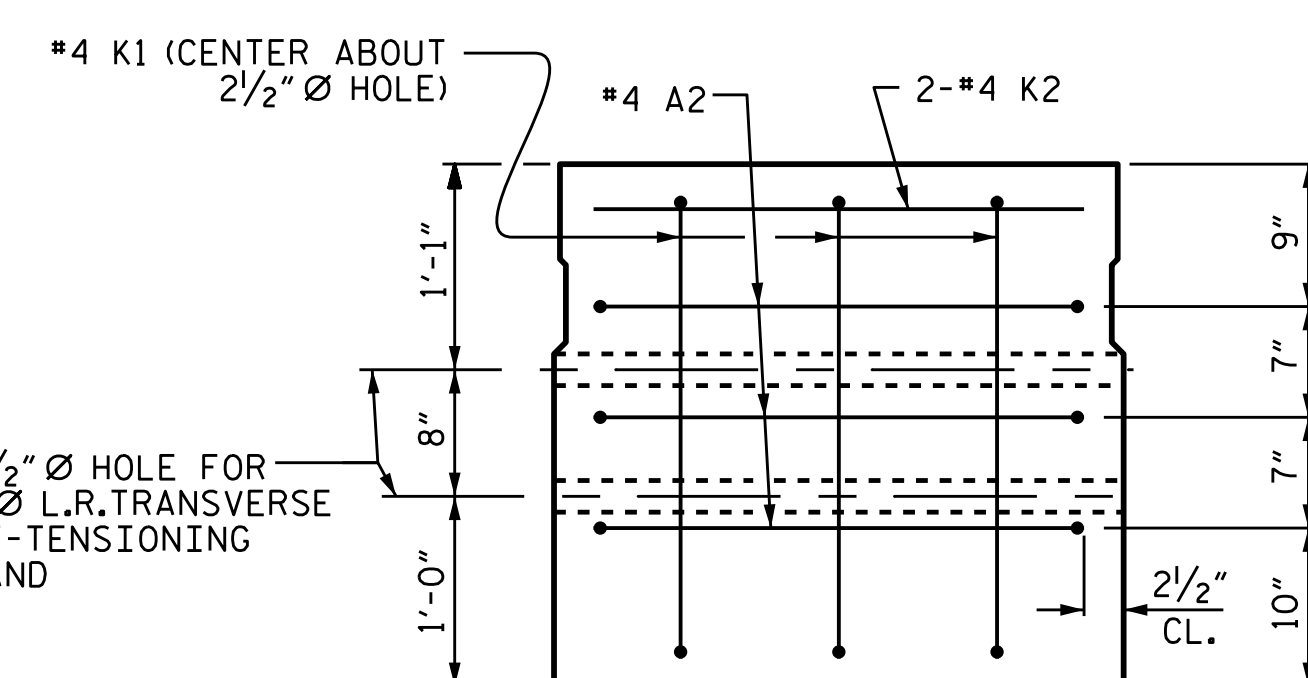
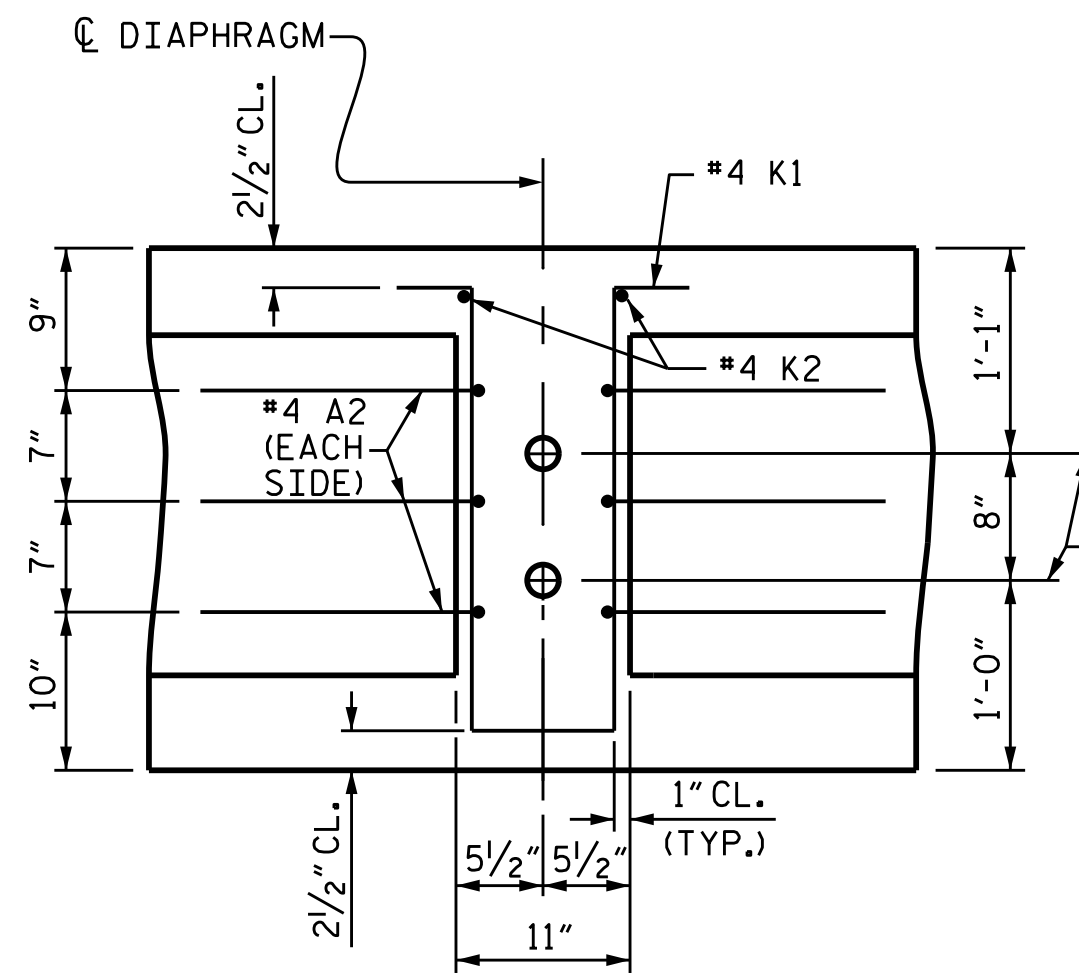
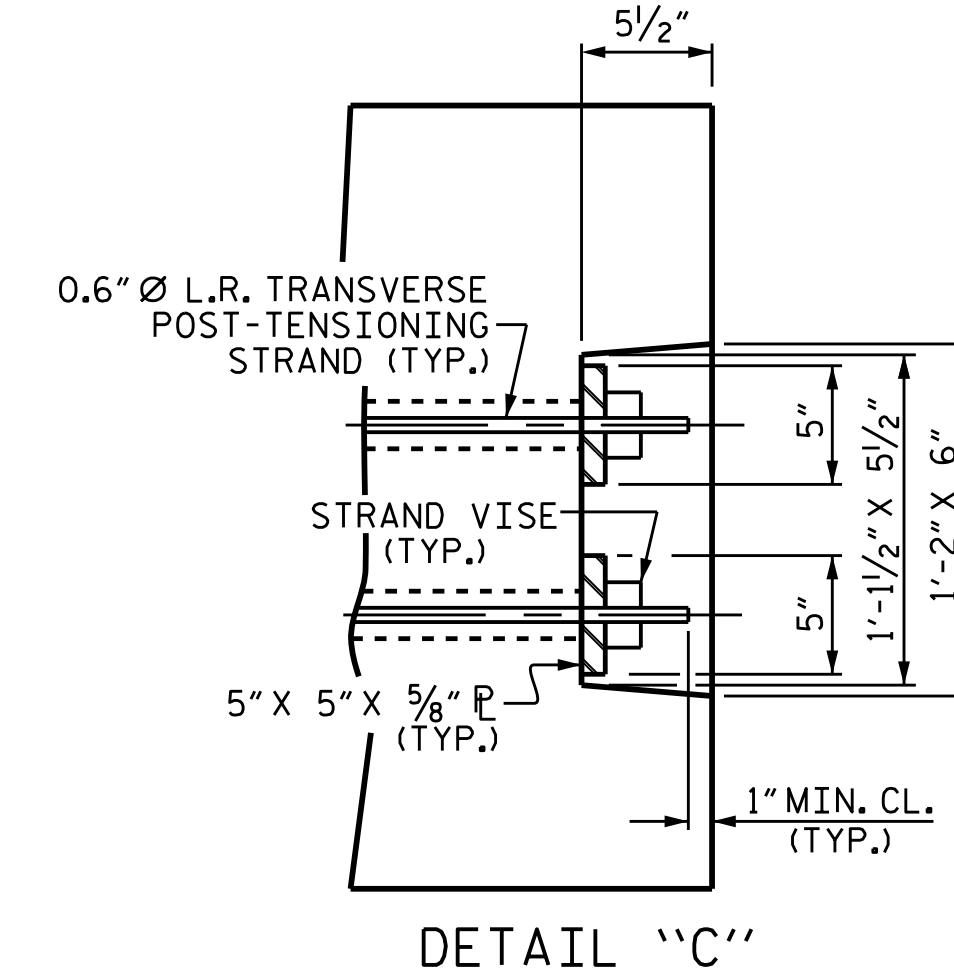
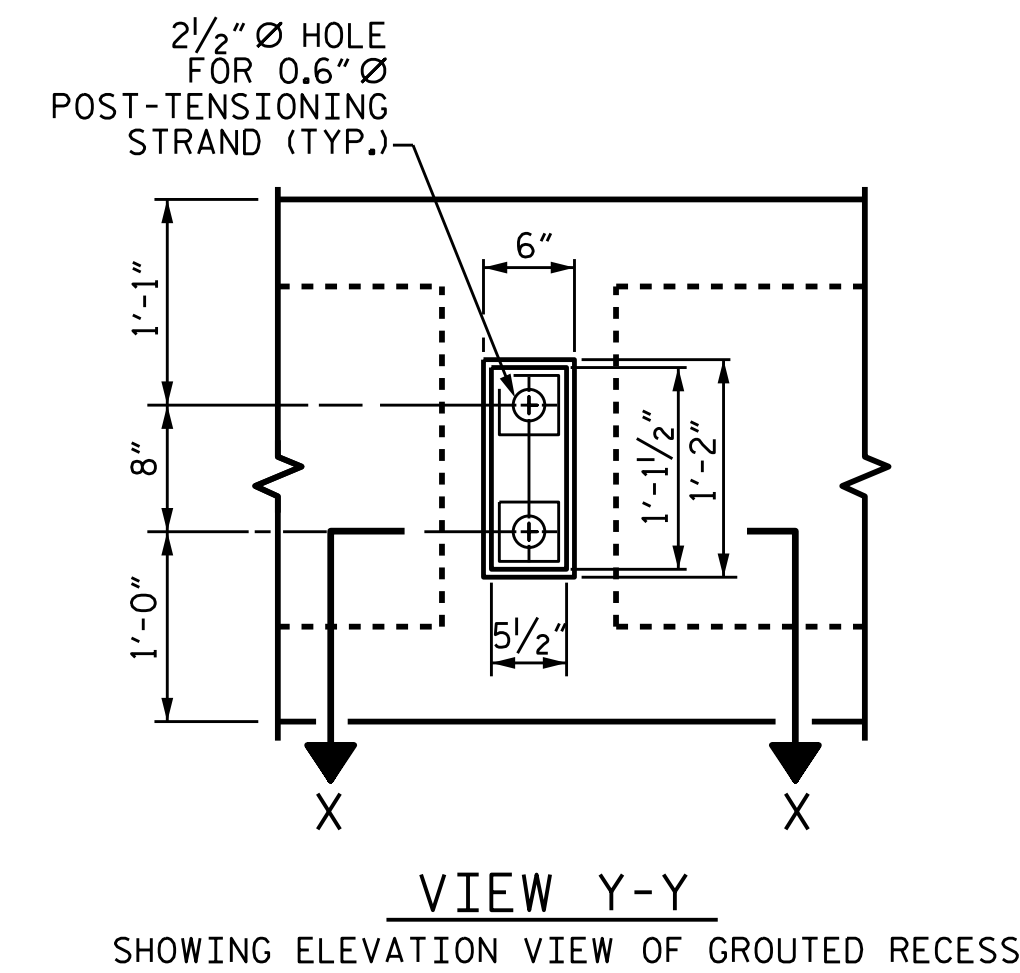


DEAD LOAD DEFLECTION AND CAMBER		
3'-0" x 2'-9"		
0.6" Ø L.R. STRAND		
	SPAN "A"	SPAN "B"
CAMBER (BEAM ALONE IN PLACE)	2 1/16"	3/4"
DEFLECTION DUE TO CONCRETE WEARING SURFACE	7/16"	1/8"
FINAL CAMBER	2 1/4"	5/8"



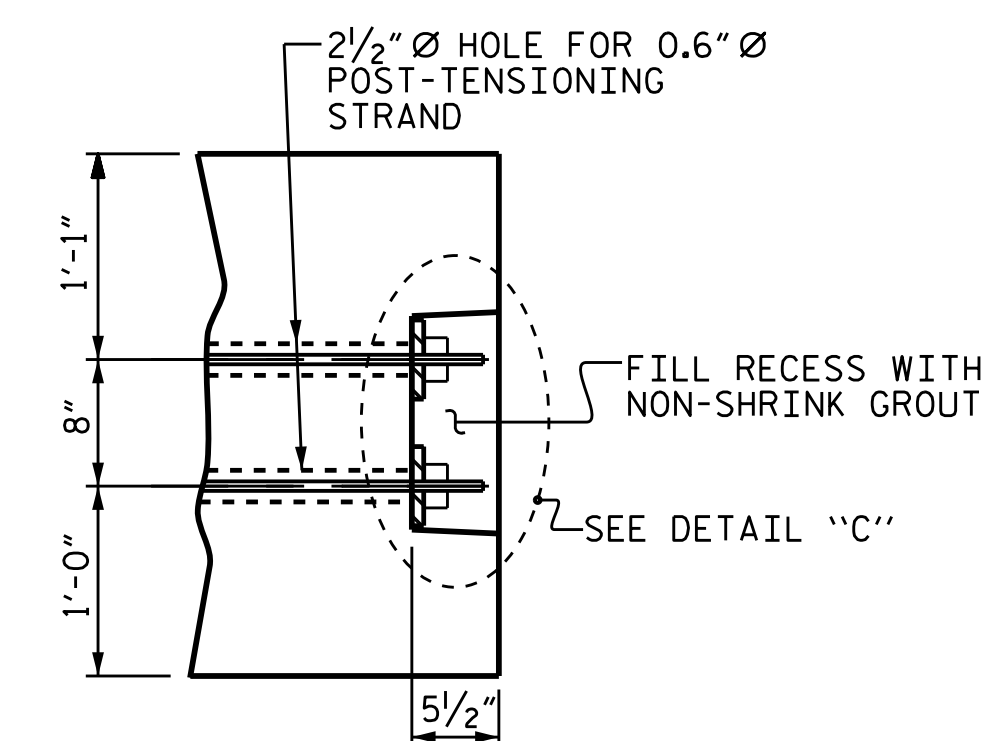
SECTION D-D

SECTION A-A
VOIDS NOT SHOWN

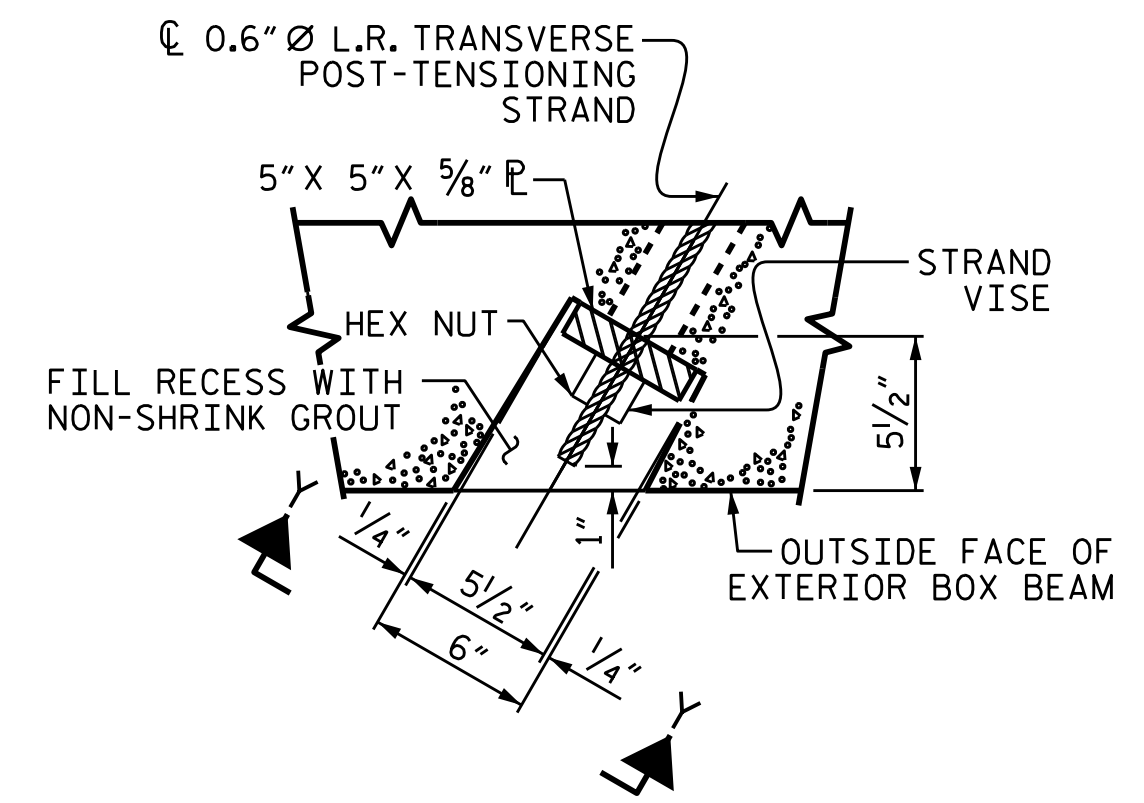
DOUBLE DIAPHRAGM DETAILS

*4 "S" BARS NOT SHOWN. *4 "S" BARS MAY BE SHIFTED SLIGHTLY TO CLEAR 2 1/2" Ø HOLE.

BOX BEAM UNITS REQUIRED				
		NUMBER	LENGTH	TOTAL LENGTH
SPAN A	EXTERIOR	2	90'-0"	180'-0"
	INTERIOR	11	90'-0"	990'-0"
SPAN B	EXTERIOR	2	60'-0"	120'-0"
	INTERIOR	11	60'-0"	660'-0"
TOTAL		26		1950'-0"

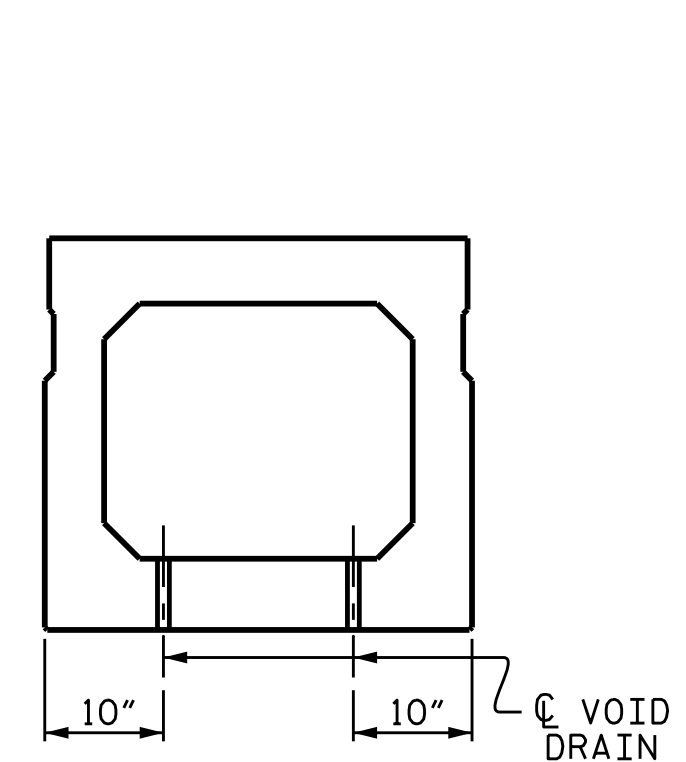


PART SECTION AT RECESS

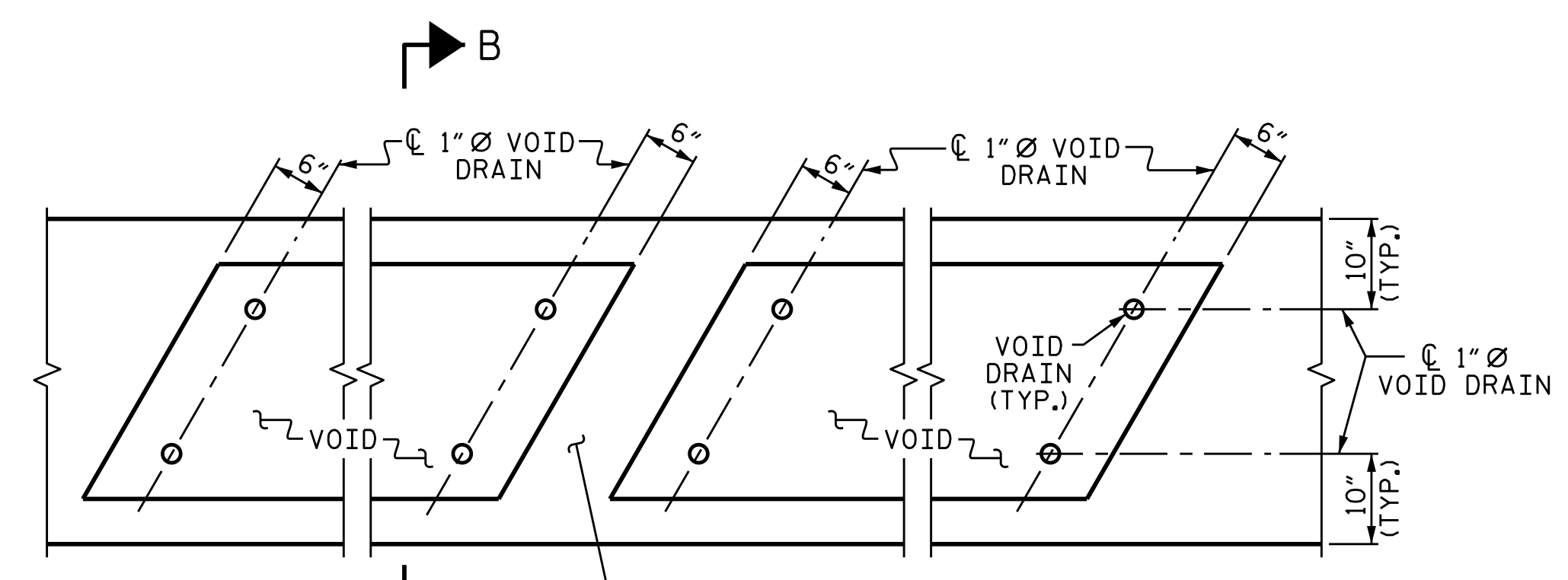


SECTION X-X
SHOWING PLAN VIEW OF GROUDED RECESS

GROUDED RECESS DETAIL AT END OF POST-TENSIONED STRANDS OF EXTERIOR BOX BEAM



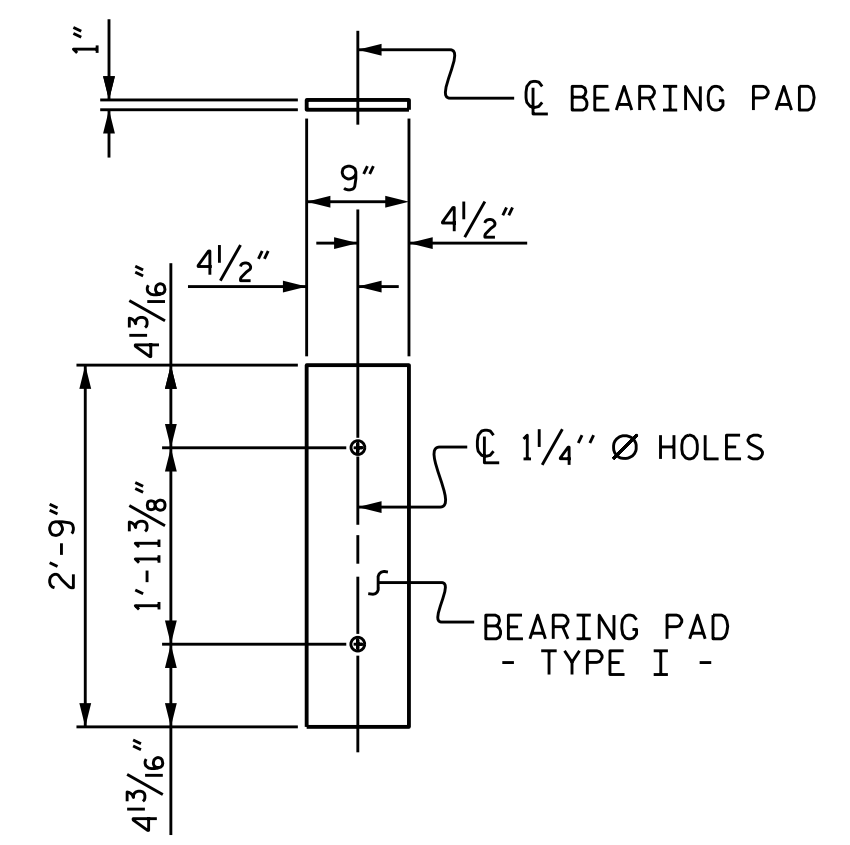
SECTION B-B



PART PLAN

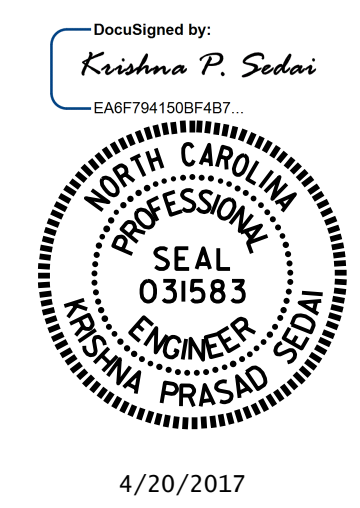
VOID DRAIN DETAILS

(DIMENSIONS SHOWN ARE TYPICAL FOR EACH VOID)



ELASTOMERIC BEARING DETAILS

ELASTOMER IN ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.



PROJECT NO. B-5165
DAVIDSON COUNTY
 STATION: 22+12.00 -L-
 SHEET 7 OF 7

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 3'-0" X 2'-9"
 PRESTRESSED CONCRETE
 BOX BEAM UNIT
 110° SKEW

ASSEMBLED BY : H. B. DESAI	DATE : 10/12/16
CHECKED BY : T. L. AVERETTE	DATE : 2/15/17
DRAWN BY : TLA 5/05	ADDED 7/11/05
CHECKED BY : GM 6/05	REV. 5/1/06 TLA/GM
	REV. 10/1/11 MAA/GM

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-11
1			3			TOTAL SHEETS 24
2			4			