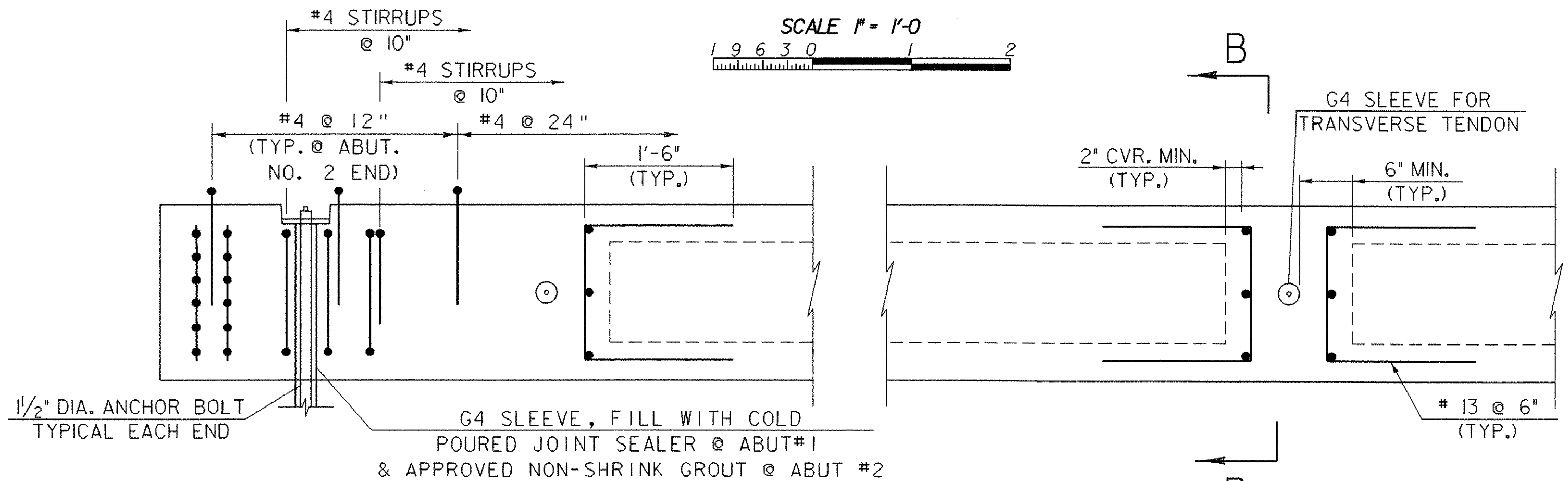
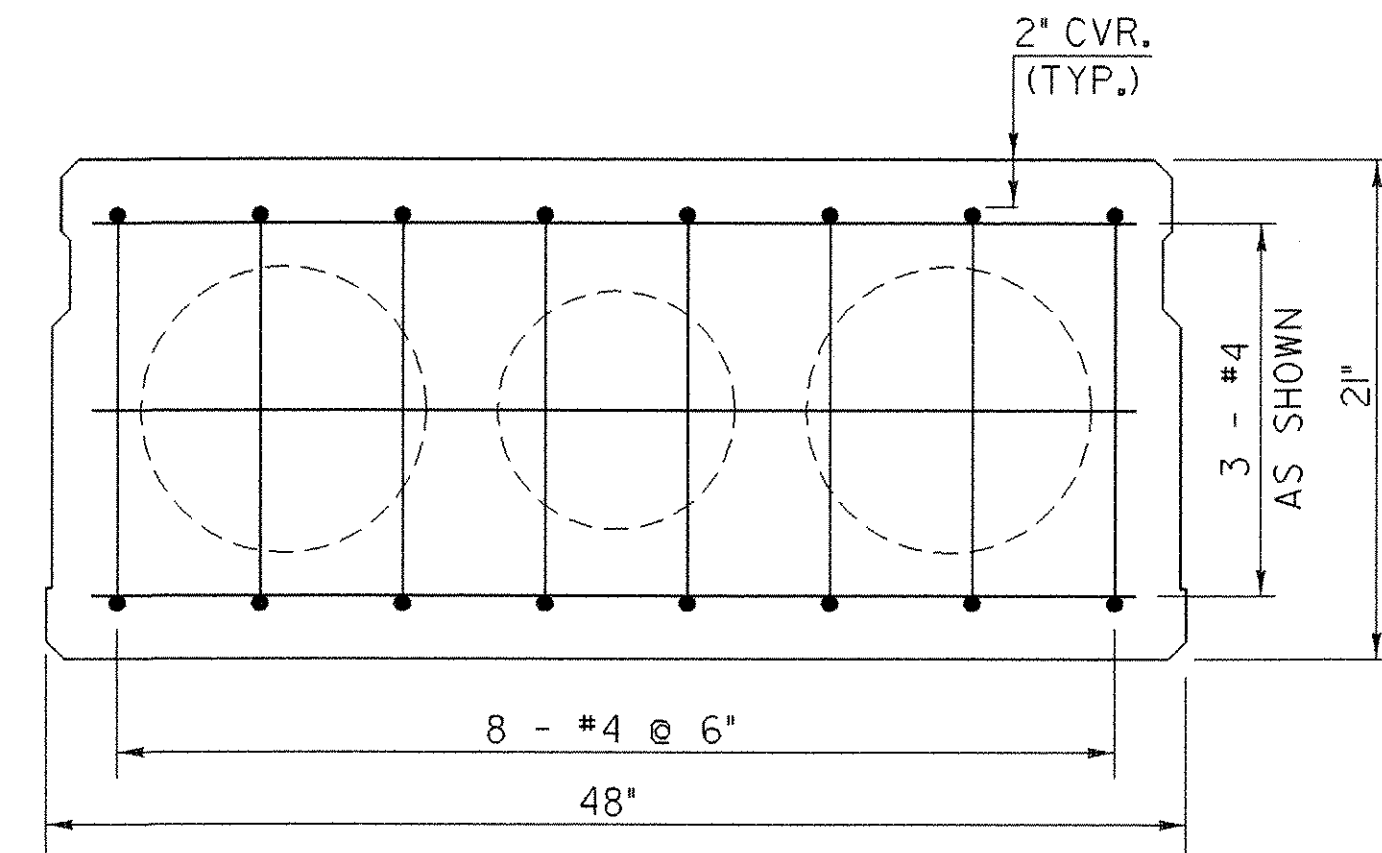


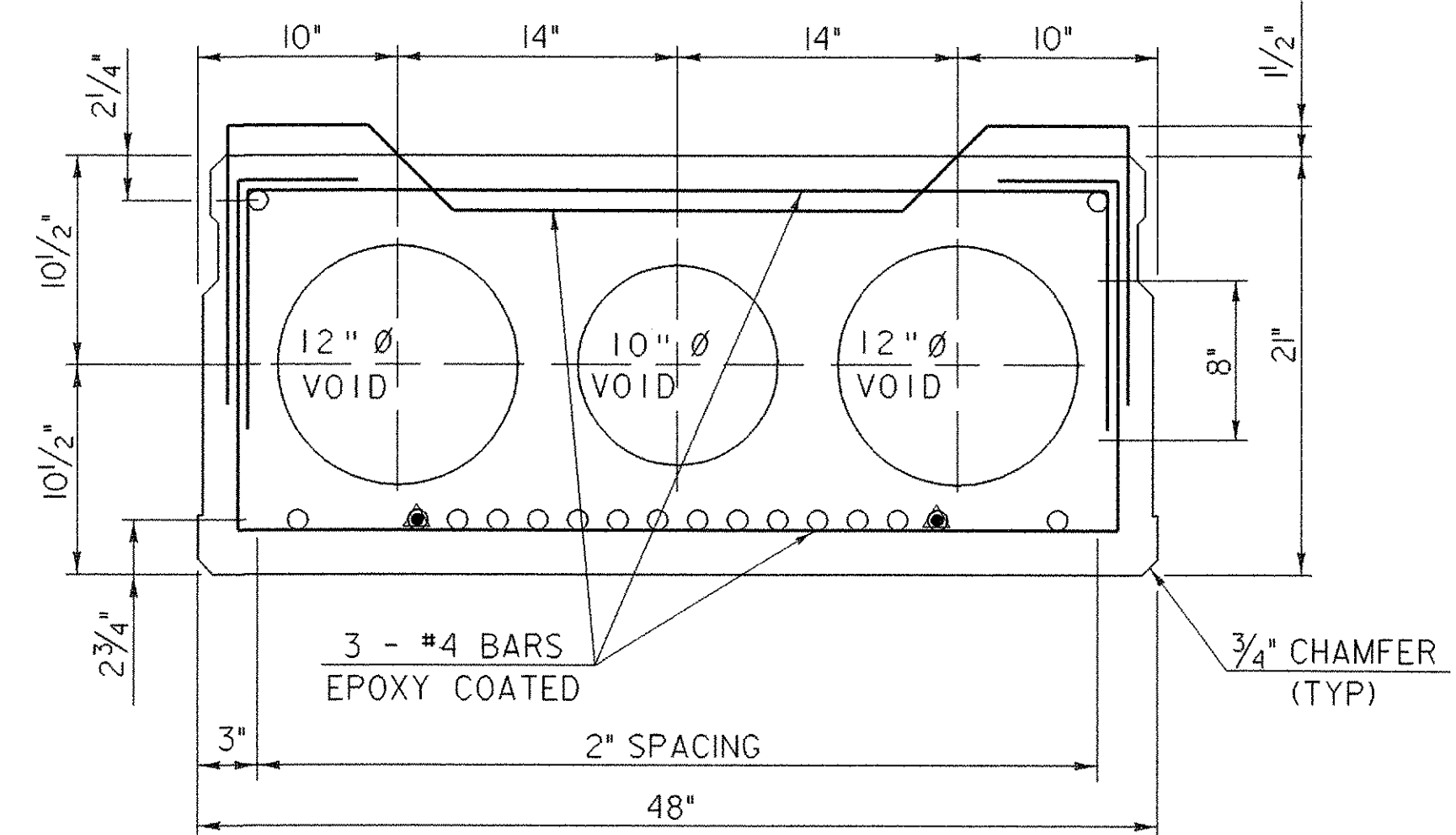
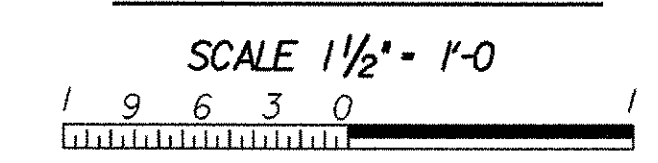
PLAN OF END BLOCK DETAIL



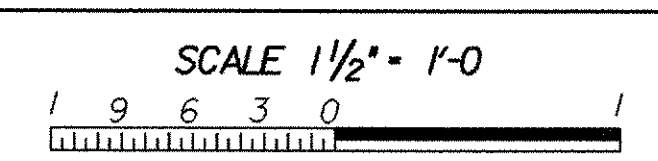
VOIDED SLAB SECTION A-A



SECTION B-B



21" X 48" VOIDED SLAB



▲ = STRAND DEBONDED 4'-0" EACH END
 ** = STOP DRIP NOTCH 5'-0" FROM ENDS OF UNIT AND OUTLET AT 45° TO FASCIA.

SERVICE LOADS

GIRDER	
MEMBER MOMENT	21" X 48"
DECK MOMENT	388.6 FT KIP
SUPERIMPOSED DEAD LOAD MOMENT	171.6 FT KIP
LIVE LOAD & IMPACT MOMENT	77.2 FT KIP
DEAD LOAD REACTION	872.3 FT KIP
LIVE LOAD & IMPACT REACTION	35 KIP
TOTAL REACTION	33 KIP
CAMBER UNDER DEAD LOADS AT ERECTION	68 KIP
CAMBER UNDER DEAD LOADS AT LONG TERM	0.23 IN

MAX NUMBER OF STRANDS FOR 21" SLAB

ROW*	NO. OF STRANDS
1 @ 2 3/4"	16 STRANDS
2 @ 18 3/4"	2 STRANDS

* ROWS ARE ALWAYS AT SPECIFIED DISTANCES FROM BOTTOM OF UNIT

SUPERSTRUCTURE DETAILS
 21" X 48" VOIDED SLAB

PROJECT NAME:	CASTLETON	FILE NAME:	PW/78f193/sf193sup.dgn	PLOT DATE:	16-FEB-2007
PROJECT NUMBER:	RS 0142(10)	PROJECT LEADER:	R. WHITCOMB	DRAWN BY:	L. BULLOCK
		DESIGNED BY:	M. HALE	CHECKED BY:	C. CARLSON
			78f193/str/sf193vs2.1	SHEET	42 OF 68