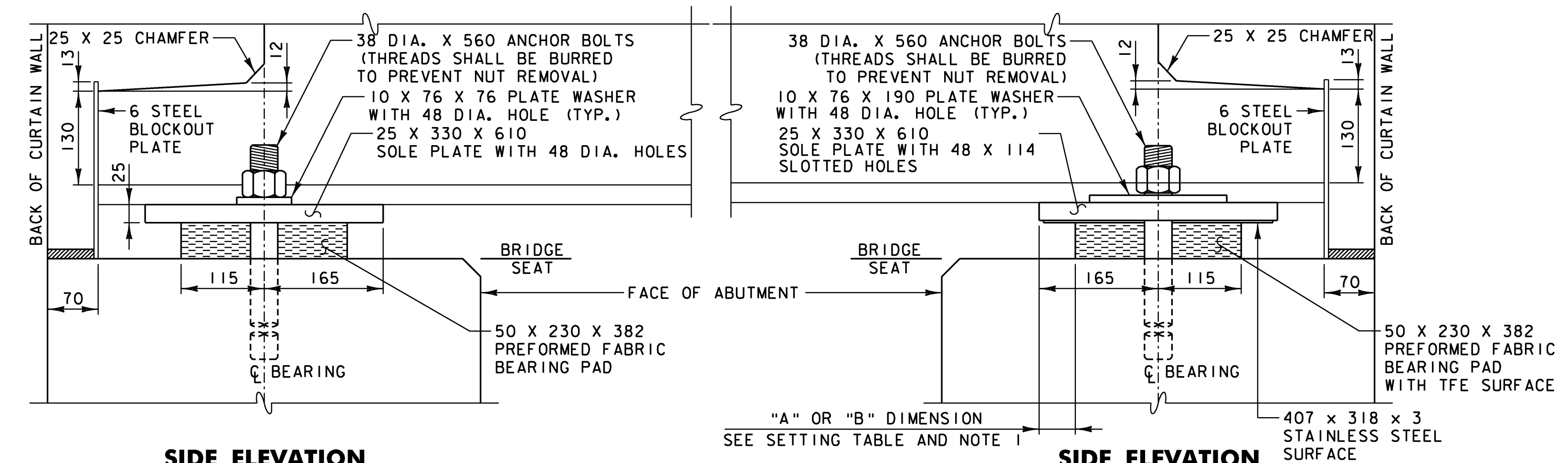


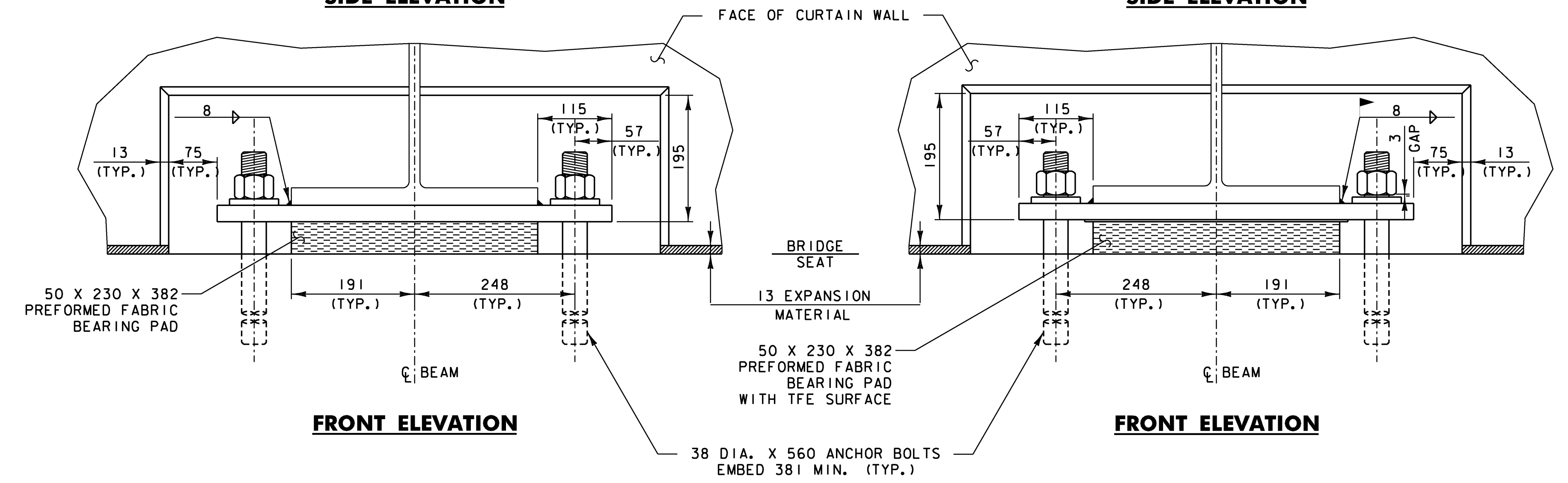
PLAN

PLAN



SIDE ELEVATION

SIDE ELEVATION

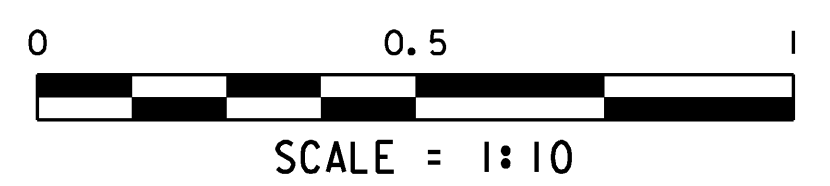


FRONT ELEVATION

FRONT ELEVATION

BEARING DETAILS ABUT. NO. 1 (FIXED)

BEARING DETAILS ABUT. NO. 2 (EXPANSION)



NOTES:

- THE "A" DISTANCE IS THE SOLE PLATE ADJUSTMENT TO BE USED AFTER THE DECK SYSTEM, CURB, PAVEMENT, AND BRIDGE RAIL ARE PLACED. THE "B" DISTANCE IS THE SOLE PLATE ADJUSTMENT TO BE USED BEFORE DEAD LOAD IS ADDED TO THE BEAM SELFWEIGHT. THE FINAL "A" DISTANCE, AS SHOWN IN THE SETTING TABLE BELOW, MUST BE ATTAINED TO WITHIN 3 MM.
- DESIGN CRITERIA:
 - ALLOWABLE BEARING PRESSURE ON CONCRETE = 7 MPa
 - MINIMUM ALLOWABLE DESIGN ROTATION = 0.015 RADIAN
 - HORIZONTAL CAPACITY SHALL BE 6% OF THE VERTICAL LOAD
 - DESIGN LOAD PER BEARING = 58.8 Mg (DEAD LOAD + LIVE LOAD)
- ALL STEEL IN BEARING DEVICES (EXCEPT STAINLESS) SHALL BE AASHTO M270, GRADE 250 AND GALVANIZED PER SPECIFICATION.
- ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED. ALL WASHERS SHALL BE 10 MM PLATE (MINIMUM). PAYMENT FOR ANCHOR BOLTS, NUTS AND WASHERS SHALL BE INCIDENTAL TO ITEM 531.10.
- SEE SHEET 18 FOR ADDITIONAL BEARING NOTES.

TEMP (C)	"A" DIST. (MM)	"B" DIST. (MM)
49	43	51
41	44	52
32	46	54
24	48	56
16	49	57
7	51	59
-1	52	60
-9	54	62
-18	56	64
-26	57	65
-34	59	67

SETTING TABLE

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	HARDWICK	Bridge No.	67
Highway No.	VT 15	Log Sta.	
		Surv. Sta.	
VT 15 OVER COOPER BROOK			
BEARING DETAILS			
Designed By	A.P. GUYETTE	Drawn By	A.P. GUYETTE
Checked By	Date	Bridge Design Supervisor	
E. P. DETRICK	11/08	J.W. TUCKER	Date 11/08
PROJECT	HARDWICK	PROJECT NO.	BHF 030-2 (18) S
I.G.C. Info. DGN\$SPEC\$			
Bridge Sheet No.	Sheet 24 of 38		