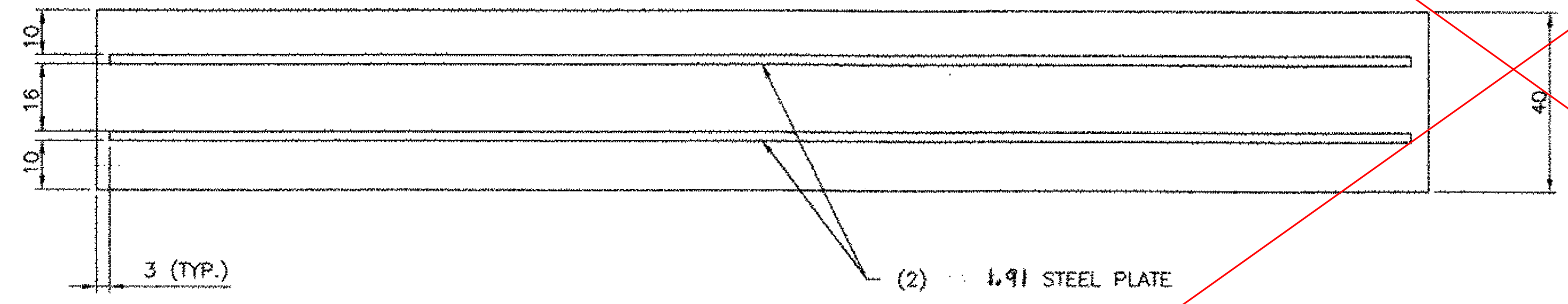


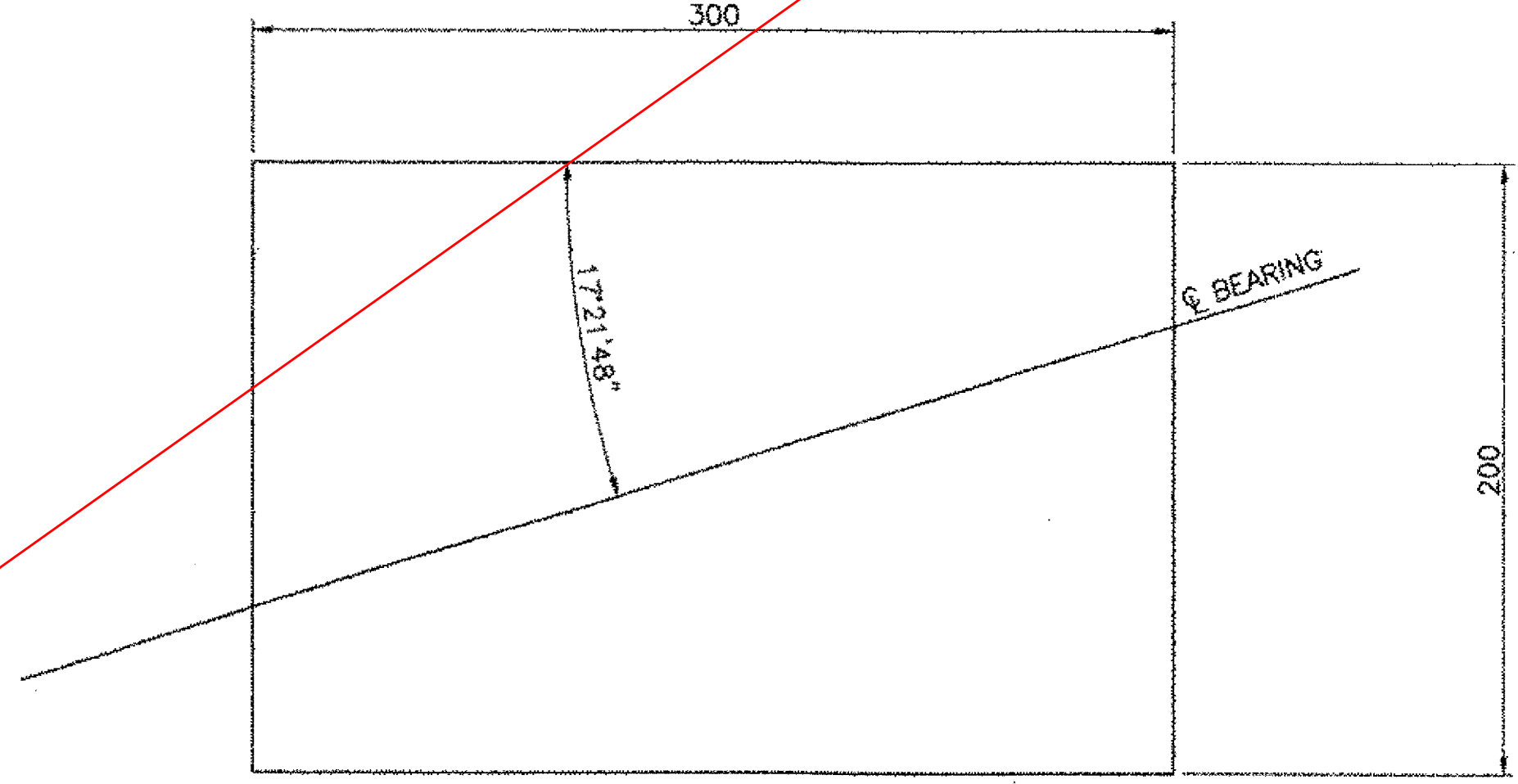
TYPICAL BEARING PAD PLACEMENT PLAN

SCALE: 1:20



BEARING PAD DETAIL (CROSS SECTION)

FULL SCALE



BEARING PAD DETAIL (PLAN)

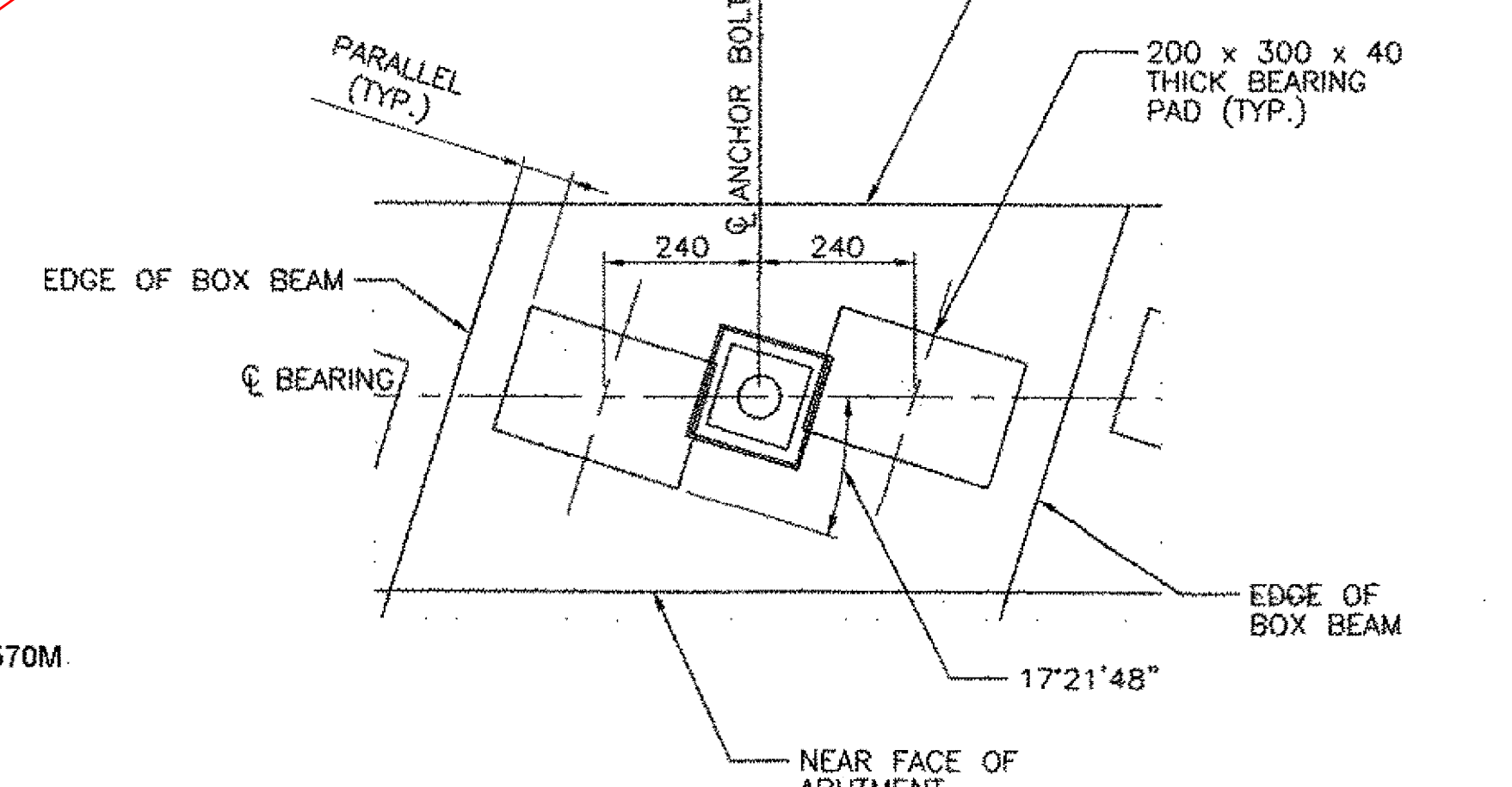
SCALE: 1:2

BEARING NOTES:

1. BEARING PADS ARE TO BE SET PARALLEL TO THE EDGES OF THE PRESTRESSED UNITS.
2. THERE WILL BE 40 BEARING PADS REQUIRED.
3. A TOTAL OF 20 ANCHOR BOLT ASSEMBLIES WILL BE REQUIRED.
4. ALL REINFORCEMENT BETWEEN LAYERS OF ELASTOMERIC SHALL BE STEEL GRADE 250-ASTM A570/A570M. NO FABRIC REINFORCEMENT WILL BE PERMITTED.
5. ELASTOMERIC BEARINGS REINFORCED WITH STEEL SHALL HAVE A 3 EDGE SEAL OF ELASTOMERIC INTEGRAL WITH THE BEARING OVER ALL PLATES.
6. ALL MATERIALS AND FABRICATION SHALL BE PER AASHTO DIVISION II SECTION 18.2 AND AASHTO MATERIAL SPECIFICATION M251.
7. DESIGN CRITERIA:
 - A) TEMPERATURE RANGE: 26.95 c
 - B) 60 DUROMETER ELASTOMERIC
 - C) MAXIMUM BEARING STRESS: 6.89 MPa
 - D) DESIGN ROTATION: 0.014 RADIAN
 - D) BEARING SHAPE FACTOR
8. WITH APPROVAL ALTERNATE CONFIGURATION ARE ALLOWABLE.

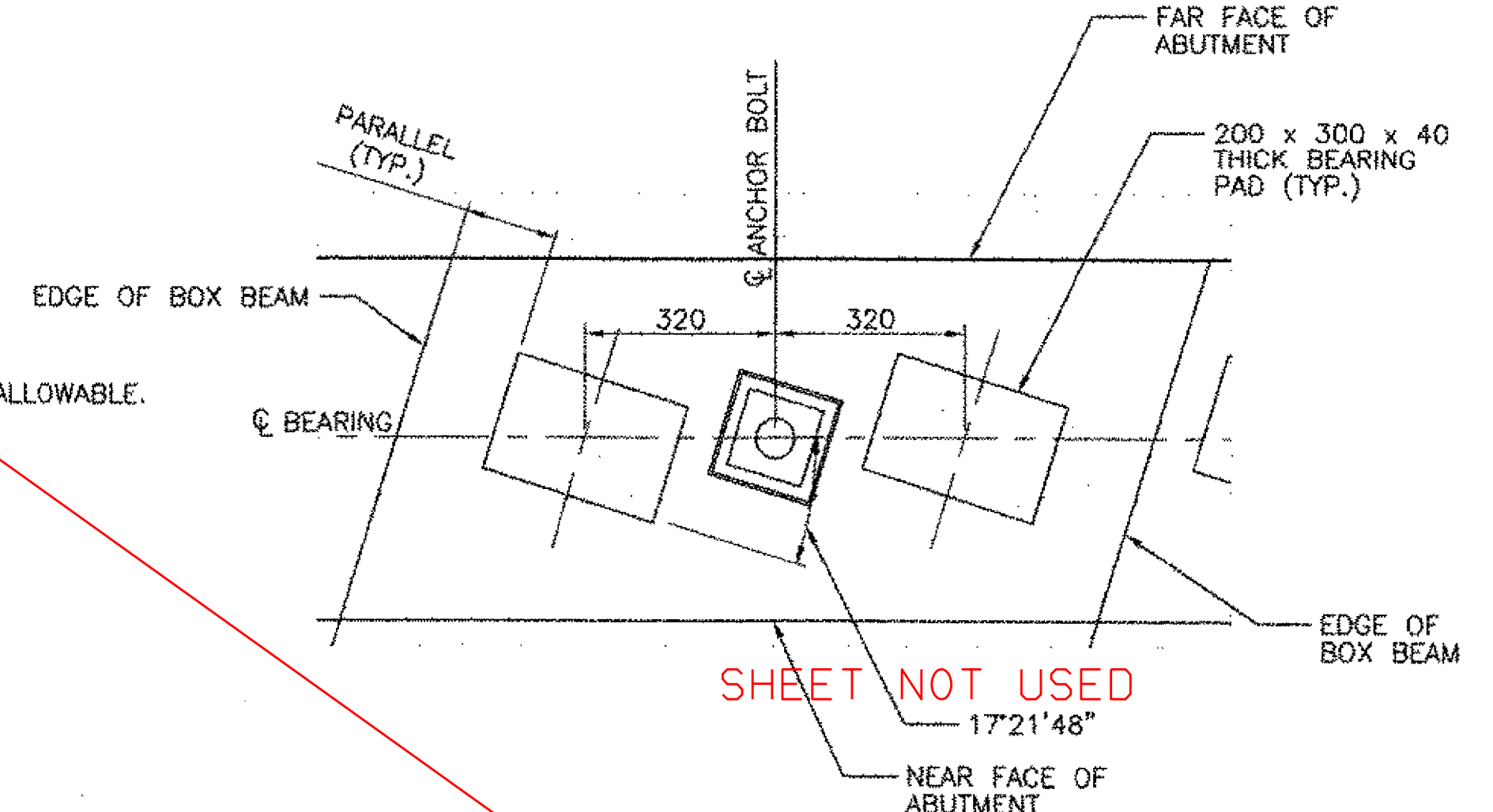
NOTE:

ALL WORK AND MATERIALS REQUIRED FOR BEARINGS SHALL BE PAID UNDER PAY ITEM NO. 531.10 "BEARING DEVICE ASSEMBLY (ELASTOMERIC)"



TYPICAL BEARING PAD PLACEMENT UNIT 1, 2, 3, 8, 9 AND 10

SCALE: 1:10



TYPICAL BEARING PAD PLACEMENT UNIT 4, 5, 6 AND 7

SCALE: 1:10

SHEET NOT USED

REVISIONS		STATE OF VERMONT AGENCY OF TRANSPORTATION	
NO.	DESCRIPTION	BY & DATE	
			CLARENDON, VERMONT
			TOWN HIGHWAY NO. 1
			TOWN HIGHWAY NO. 1 OVER THE COLD RIVER
			BEARING DETAILS
			Designed by: B. C. AUSTIN
			Checked by: K. S. MARSHIA
			PROJECT: CLARENDON
			Bridge Sheet No.
			Drawn by: E. B. SMALL
			Bridge Design Supervisor: J.W. TUCKER
			PROJECT NO. BRO 1443(29)
			SHEET 22 OF 41

