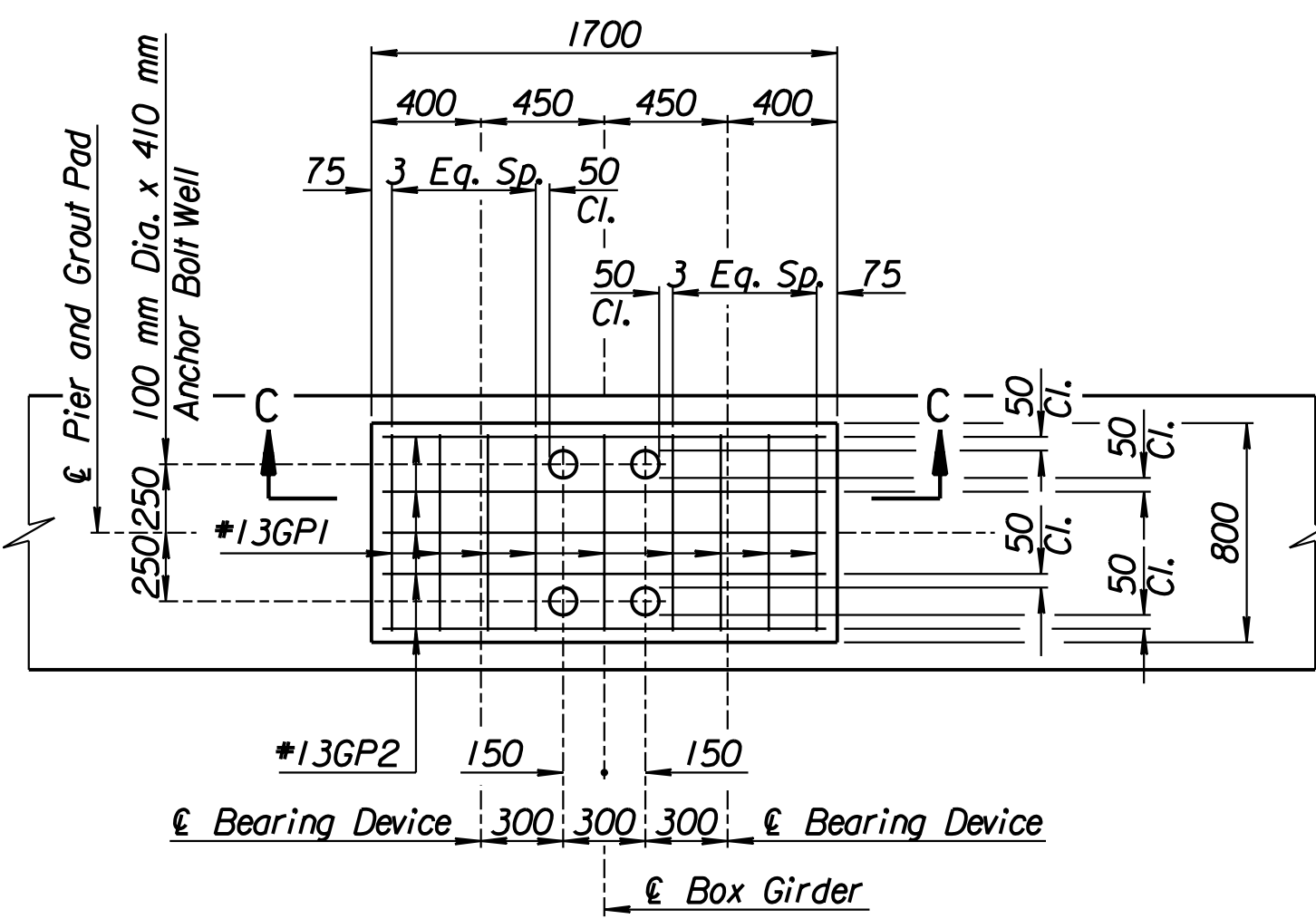
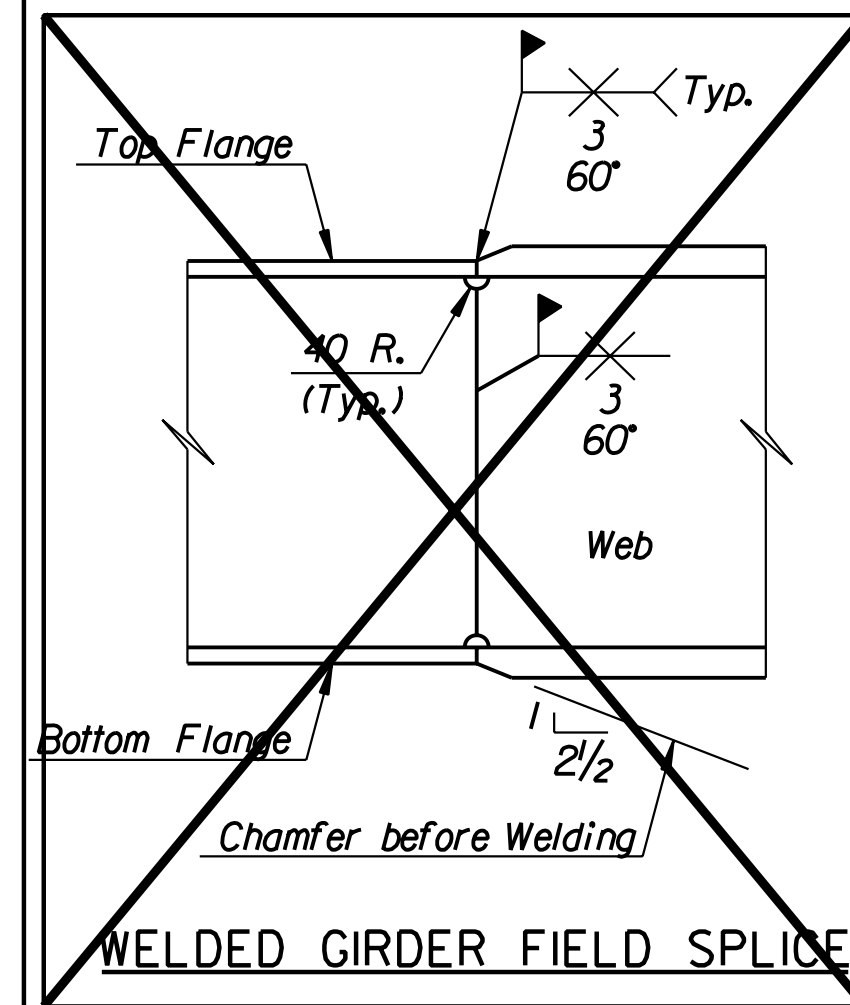
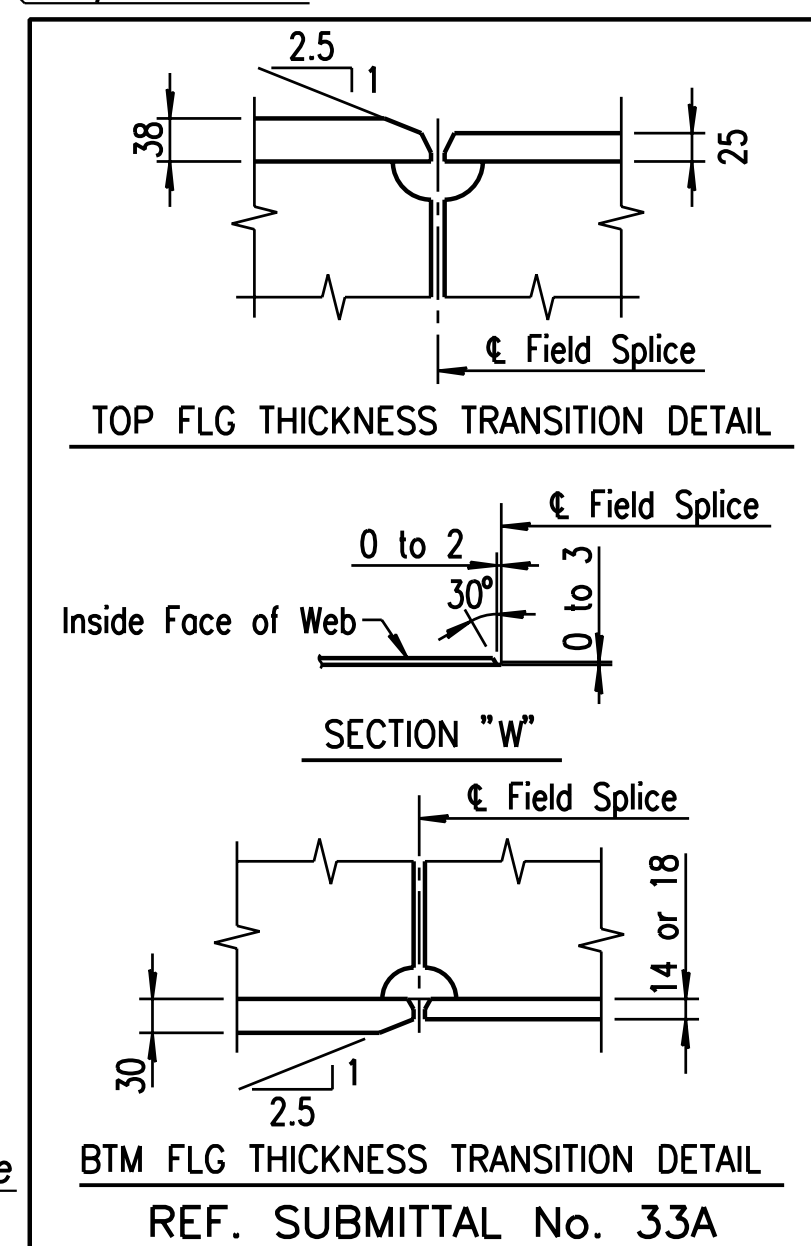
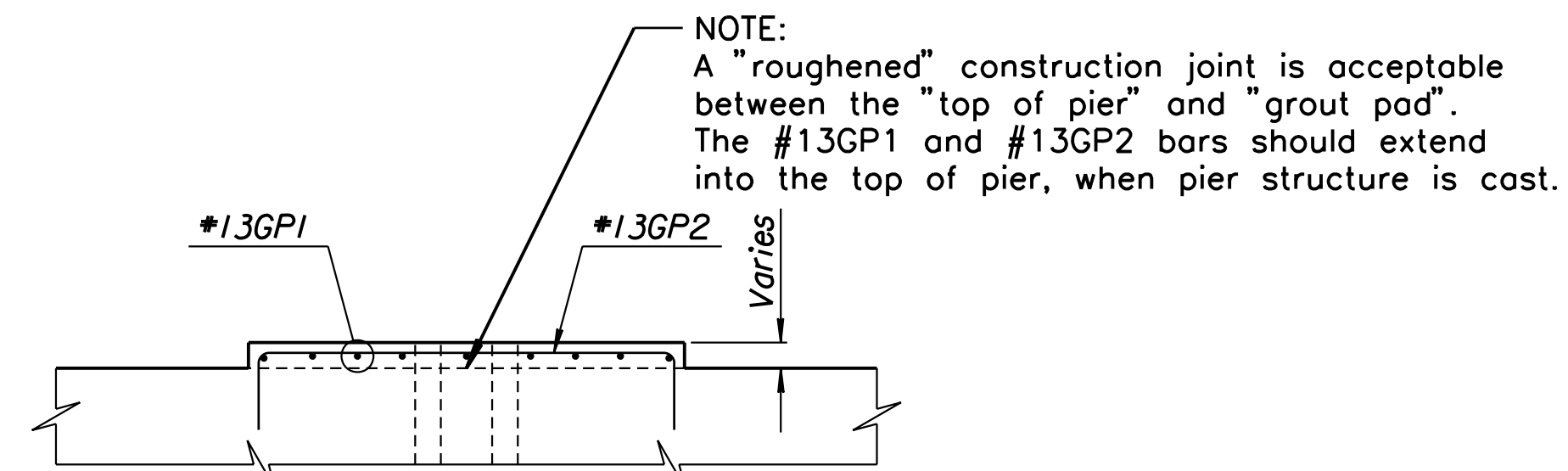


**LATERAL BRACING DETAIL**  
See Framing Plan for Typical Locations.

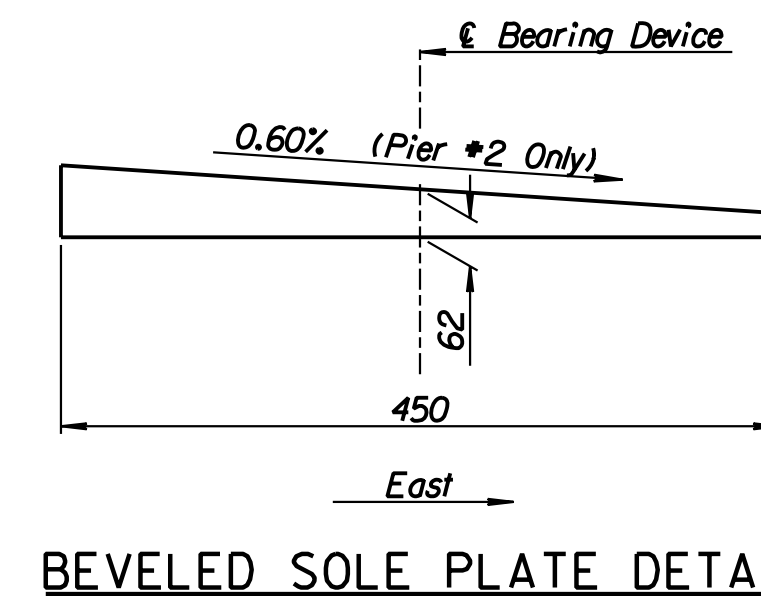
Location	L1	L2	L3
1	1791	3821	1850
2	1762	3764	1822
3	1710	3658	1768



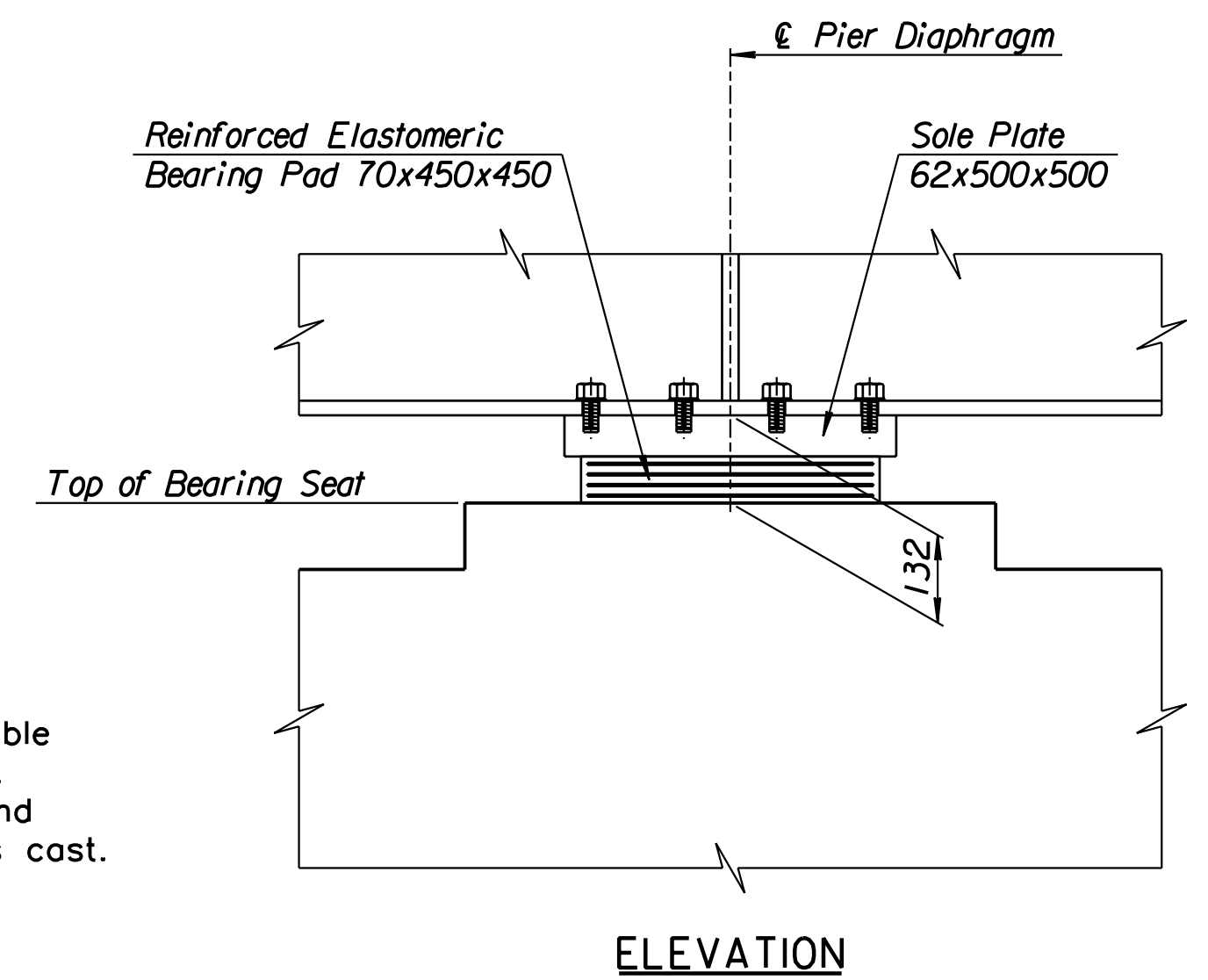
**GROUT PAD PLAN**



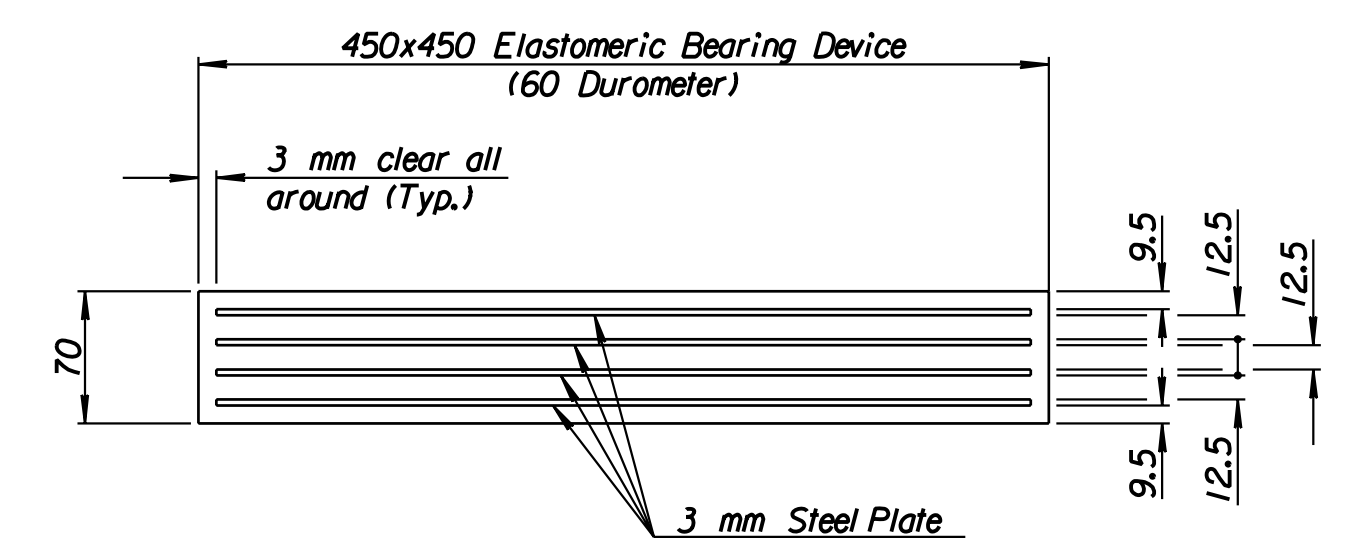
**SECTION C-C**



**BEVELED SOLE PLATE DETAIL**



**ELEVATION**



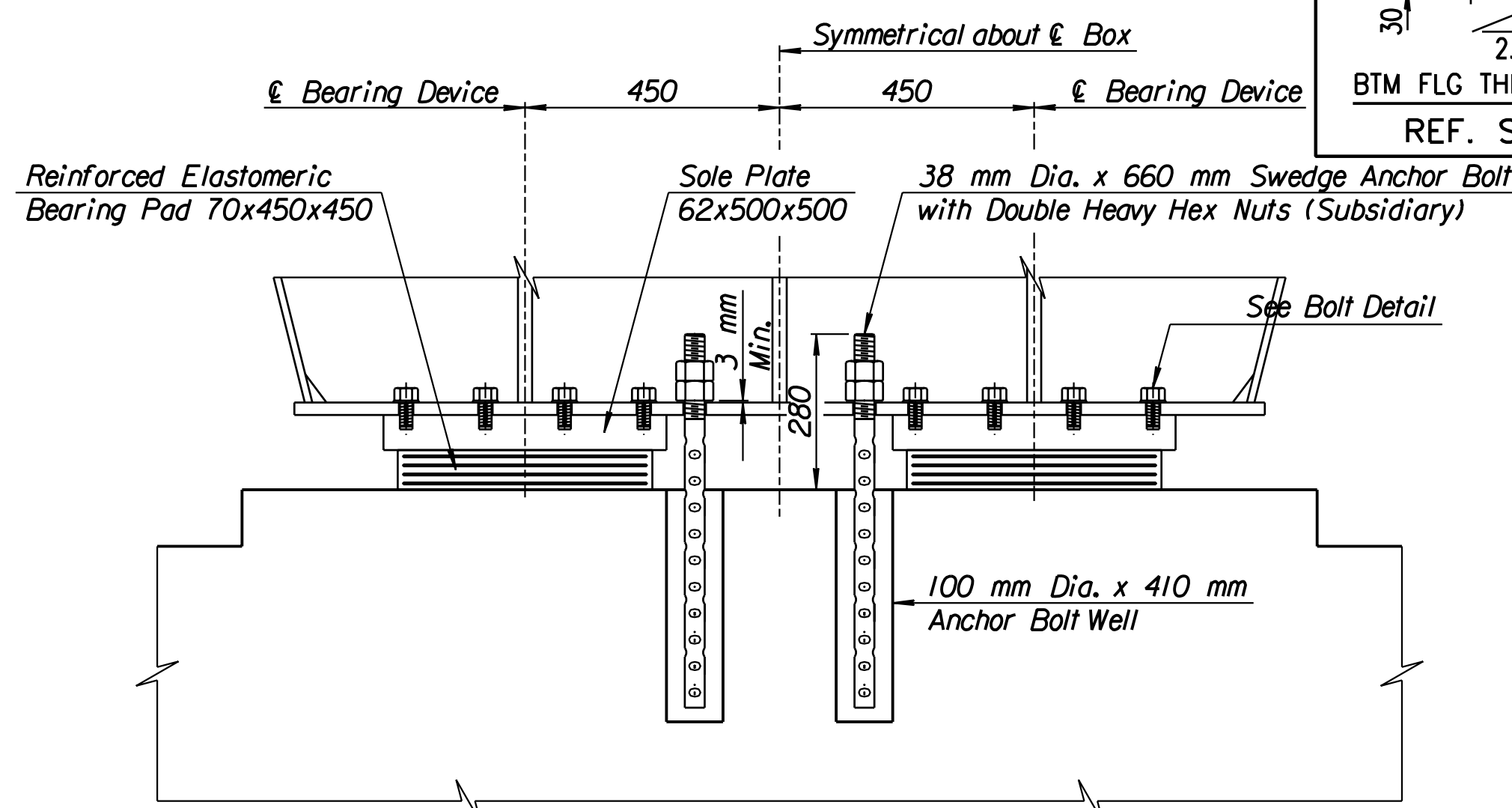
**ELASTOMERIC BEARING DEVICE**  
(16 Required per Bridge)

**ELASTOMERIC BEARING DEVICES:**  
The Elastomeric Bearing Devices shall be bonded to the (A709M Gr. 345) steel sole plates by a vulcanizing process after which the sole plates shall receive a shop coat of Inorganic Zinc Primer. All exposed surfaces of the sole plates shall receive the water-borne acrylic finish coat after the plates have been welded to the bottom of the girder. The sole plate is to be included in the bid item "Elastomeric Bearing Devices" and furnished by the bearing device fabricator.

**STEEL REINFORCED ELASTOMERIC BEARINGS:**  
Bearings were designed using the provisions of Method A of the AASHTO Specifications.

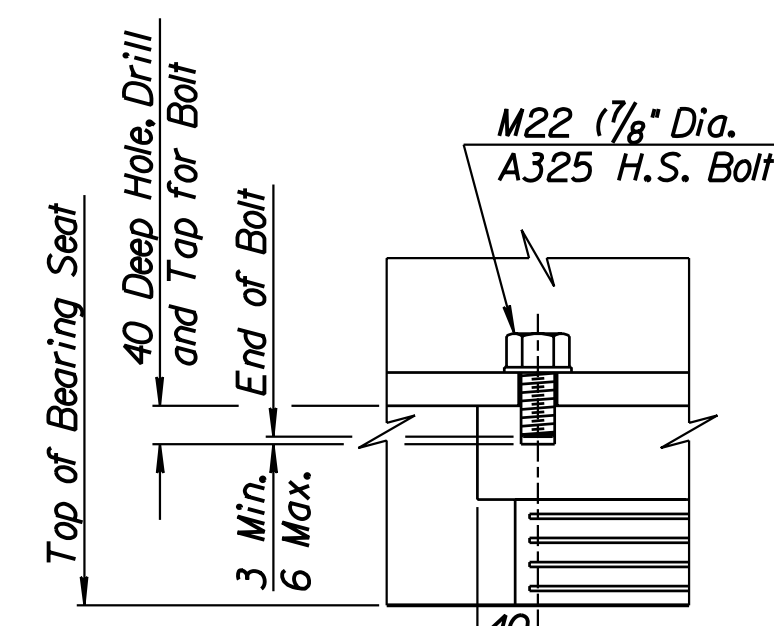
**RECORD DRAWING**

1			
No.	Revisions	By	Date
CITY OF WICHITA BR. NO. 54-87-19.05 (489) W.B. STA. 15+612.397 BR. NO. 54-87-19.06 (491) E.B. STA. 15+612.397			
<b>MISCELLANEOUS DETAILS</b> KELLOGG (US-54) OVER MAIZE ROAD SEDGWICK COUNTY			
<b>Professional Engineering Consultants, P.A.</b> 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	P.D.F.	Checked by	R.A.S.
Drawn by	W.L.L.	Date	Apr 11 2002
		Job No.	97362

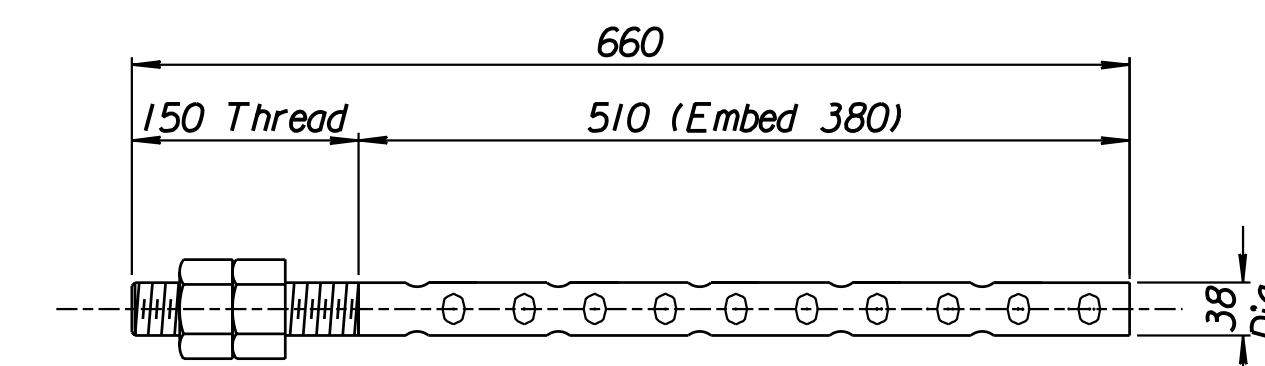


**ELEVATION**

Note: Sole Plate may be Shop Welded to the Bottom Flange in lieu of using bolts or by Plug Welds in the field.



**BOLT DETAIL**



**SWEDGE ANCHOR BOLT**

(32 Required per Bridge)

**ANCHOR BOLTS:** Place the reinforcing bars below the bearing devices to clear the anchor bolts.

Anchor bolt placements must be adjusted based on Ambient Temperature. Anchor bolts should be centered in the Slotted Holes at 15°C. Relative adjustments shall be made based on 0.50mm of contraction or expansion per degree Celsius.

**PREFORMED ANCHOR BOLT HOLES:** Preform 100 mm diameter holes using corrugated polyethylene tubing (Type C) at the locations shown. Seal the preformed holes to prevent water from accumulating in the holes and freezing prior to the time of grouting the anchor bolts. The holes will be free of water or foreign materials at the time of grouting. This work and bolts shall be subsidiary to Concrete Grade 30 (AE) (SA).