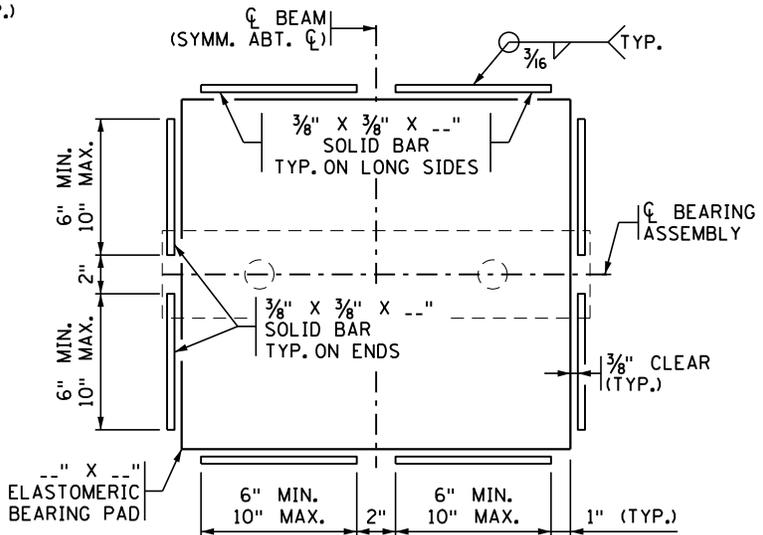


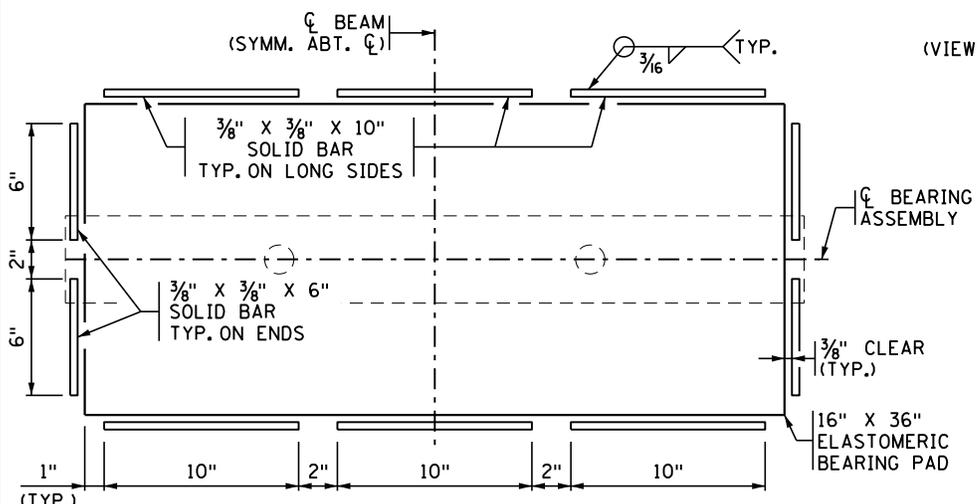
**PATTERN A-1**

(VIEW AT BOTTOM OF BEARING PLATE)



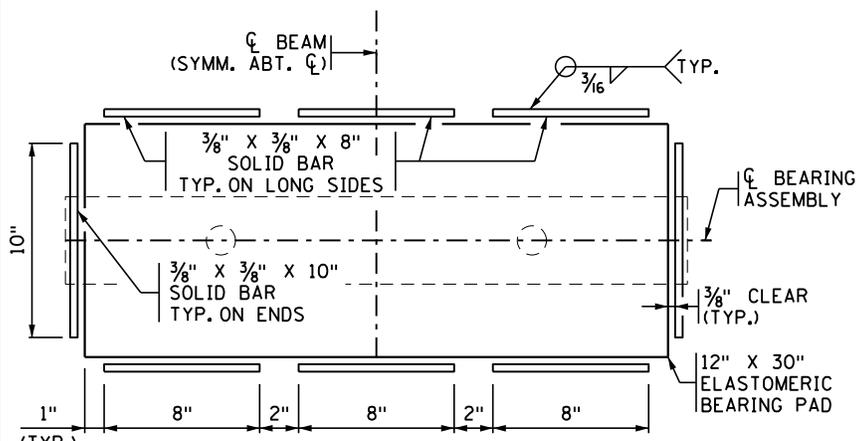
**PATTERN A-4**

(VIEW AT BOTTOM OF BEARING PLATE)



**PATTERN A-2**

(VIEW AT BOTTOM OF BEARING PLATE)



**PATTERN A-3**

(VIEW AT BOTTOM OF BEARING PLATE)

**DESIGNER NOTE (REMOVE PRIOR TO PLOTTING FINAL PLAN):**  
 INCLUDE THIS DETAIL WHEN USING BEARING ASSEMBLY DETAILS B304, B309, B310, B311, B354, OR B355.  
 FOR CUSTOM BEARING PAD SIZES, MODIFY PATTERN A-4 USING THE FOLLOWING DESIGN CRITERIA:  
 MIN. BAR LENGTH OF 6", MAX LENGTH 10", MAX GAP BETWEEN BARS OF 2", MAX DISTANCE FROM END OF BAR TO CORNER OF BEARING PAD OF 1".

**NOTES:**

INSTALL 3/8" x 3/8" SOLID RESTRAINT BARS SYMMETRIC TO CENTER OF BEARING PLATE WITH CLEAR DISTANCE OF 3/8" FROM EDGE OF BEARING PAD TO INSIDE FACE OF RESTRAINT BAR.  
 RESTRAINT BARS INCLUDED IN PAYMENT FOR BEARING ASSEMBLY.

APPROVED: NOVEMBER 02, 2017

*Kevin Weston*  
 STATE BRIDGE ENGINEER

STATE OF MINNESOTA  
 DEPARTMENT OF TRANSPORTATION

BEARING PAD RESTRAINT

REVISION  
 11-08-2018  
 12-20-2018

DETAIL NO.

B307