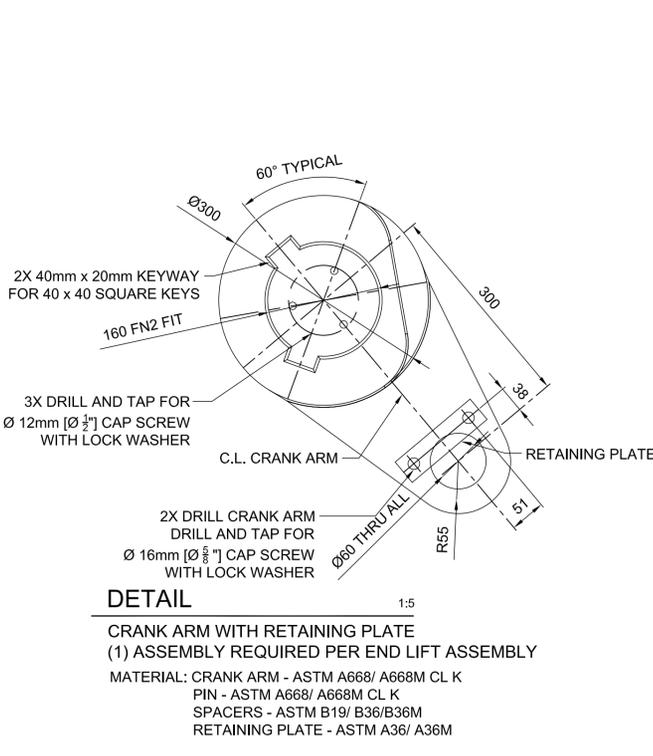
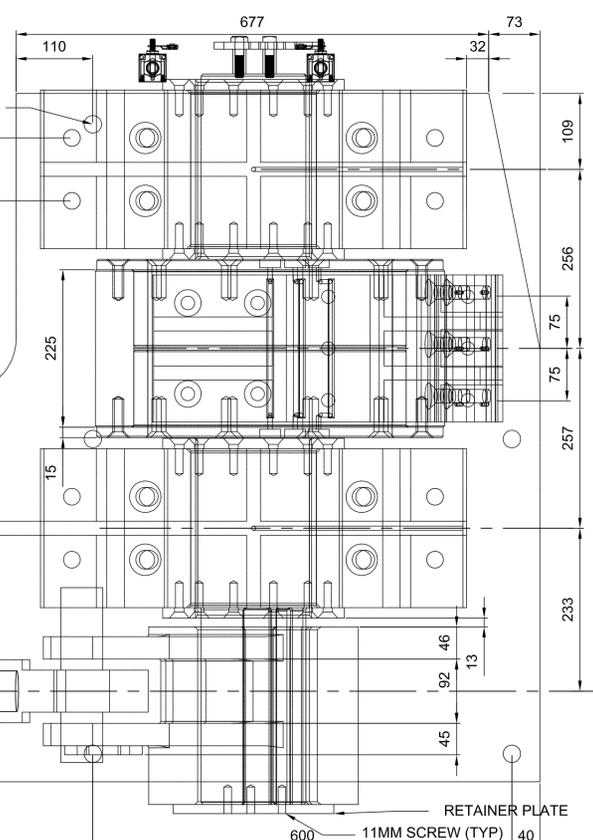


**ELEVATION - FULLY RAISED POSITION** 1:5  
 NORTH END LIFT ASSEMBLY - FULLY RAISED POSITION

**NOTES:**

- (1) SEE DRAWING M-01 AND M-02 FOR GENERAL NOTES, FITS AND FINISHES APPLICABLE TO THIS DRAWING. SEE SCOPE OF WORK ITEM 2.8 FOR SUGGESTED INSTALLATION REQUIREMENTS.
- (2) COORDINATE END LIFT ASSEMBLY POSITION WITH ABUTMENT ALIGNMENT AND ECCENTRIC SHAFT FULLY RAISED. REACTION TO ACCOMMODATE SWING SPAN LIVE LOAD.
- (3) TRUSS BOTTOM FLANGE SHOWN IN RAISED/SUPPORTED POSITION TO SHOW EXTENT OF ECCENTRIC SHAFT, CRANK ARM AND HYDRAULIC CYLINDER MOVEMENT.
- (4) PRESSURE TEST CYLINDERS IN SHOP. CRITERIA FOUND IN SPECIFICATIONS.
- (5) COORDINATE HYDRAULIC CONNECTIONS WITH HYDRAULIC WORK.
- (6) PROVIDE STAINLESS STEEL, 25mm TYPE 316 ANCHOR BOLTS AS SHOWN. ALL ANCHOR BOLTS CONNECTING SUPPORT TO MASONRY SHALL MEET THE GENERAL REQUIREMENTS PER DRAWING M-01.
- (7) PROVIDE STAINLESS STEEL DEBRIS SHIELD ATTACHED TO REST.



**DETAIL** 1:5  
 CRANK ARM WITH RETAINING PLATE  
 (1) ASSEMBLY REQUIRED PER END LIFT ASSEMBLY  
 MATERIAL: CRANK ARM - ASTM A668/ A668M CL K  
 PIN - ASTM A668/ A668M CL K  
 SPACERS - ASTM B19/ B36/B36M  
 RETAINING PLATE - ASTM A36/ A36M



04		
03		
02		
01	ISSUED FOR TENDER	2018-07-20
revision		date

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the Departmental Representative of all discrepancies.

A	Detail No.
B	No. du détail
C	drawing no. - where detail required
	dessin no. - où détail exigé
	drawing no. - where detailed
	dessin no. - où détaillé

project title  
 titre du projet  
 Ontario  
 HAMLET BRIDGES  
 (BRIDGE 57 & 58)  
 SWING AND FIXED BRIDGES

drawing title  
 titre du dessin  
 END LIFT ASSEMBLY

drawn by  
 dessiné par  
 GREG TAYLOR

designed by  
 conc par  
 JEFF KEYT

approved by  
 approuvé par  
 JEFF KEYT

bid offre  
 JULIO LEON  
 project manager  
 administrateur de projets

project date  
 date du projet  
 2018-07-20

project no.  
 no. du projet  
 R.073593.001

drawing no.  
 dessiné no.  
 M-15