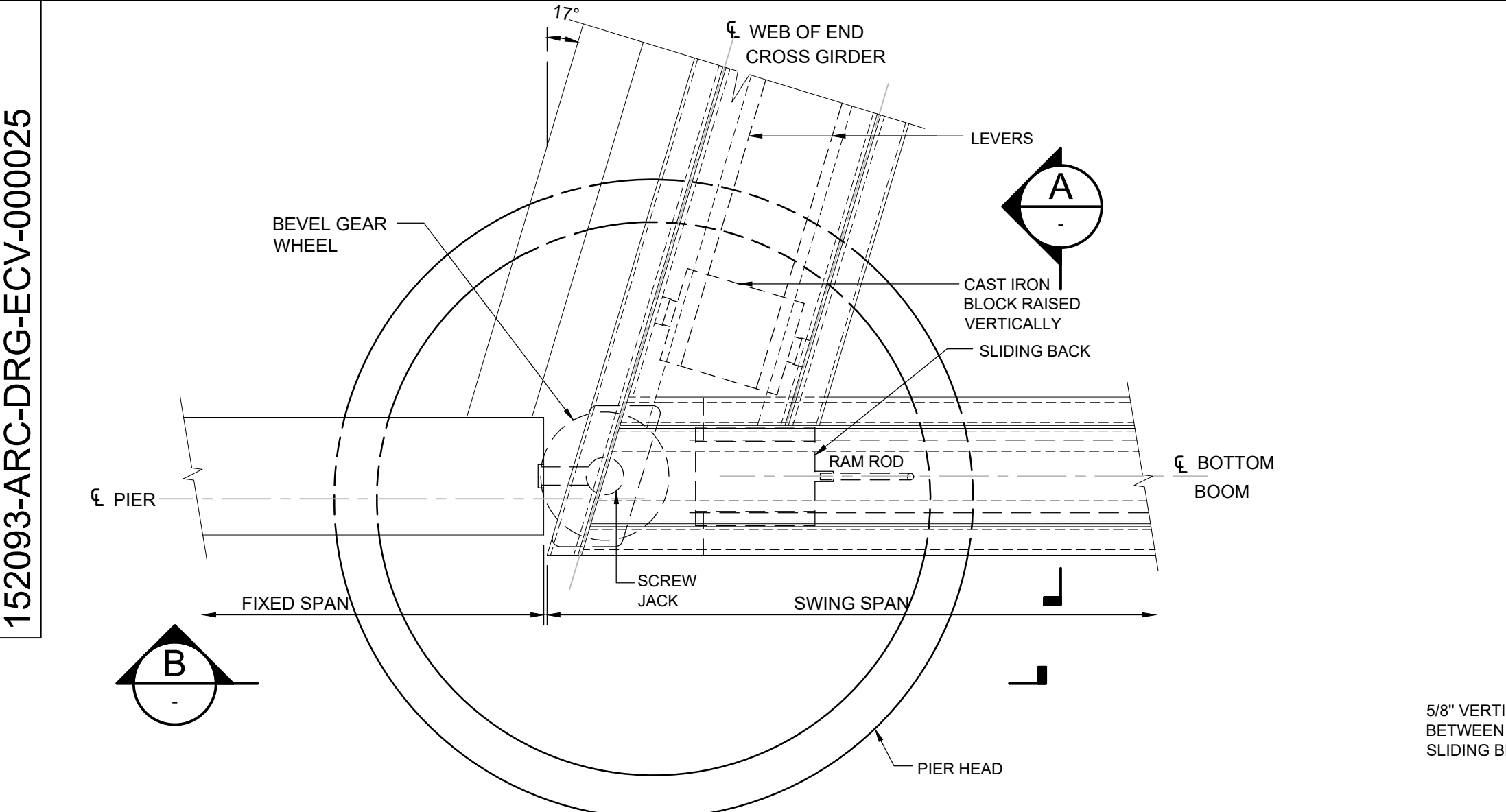
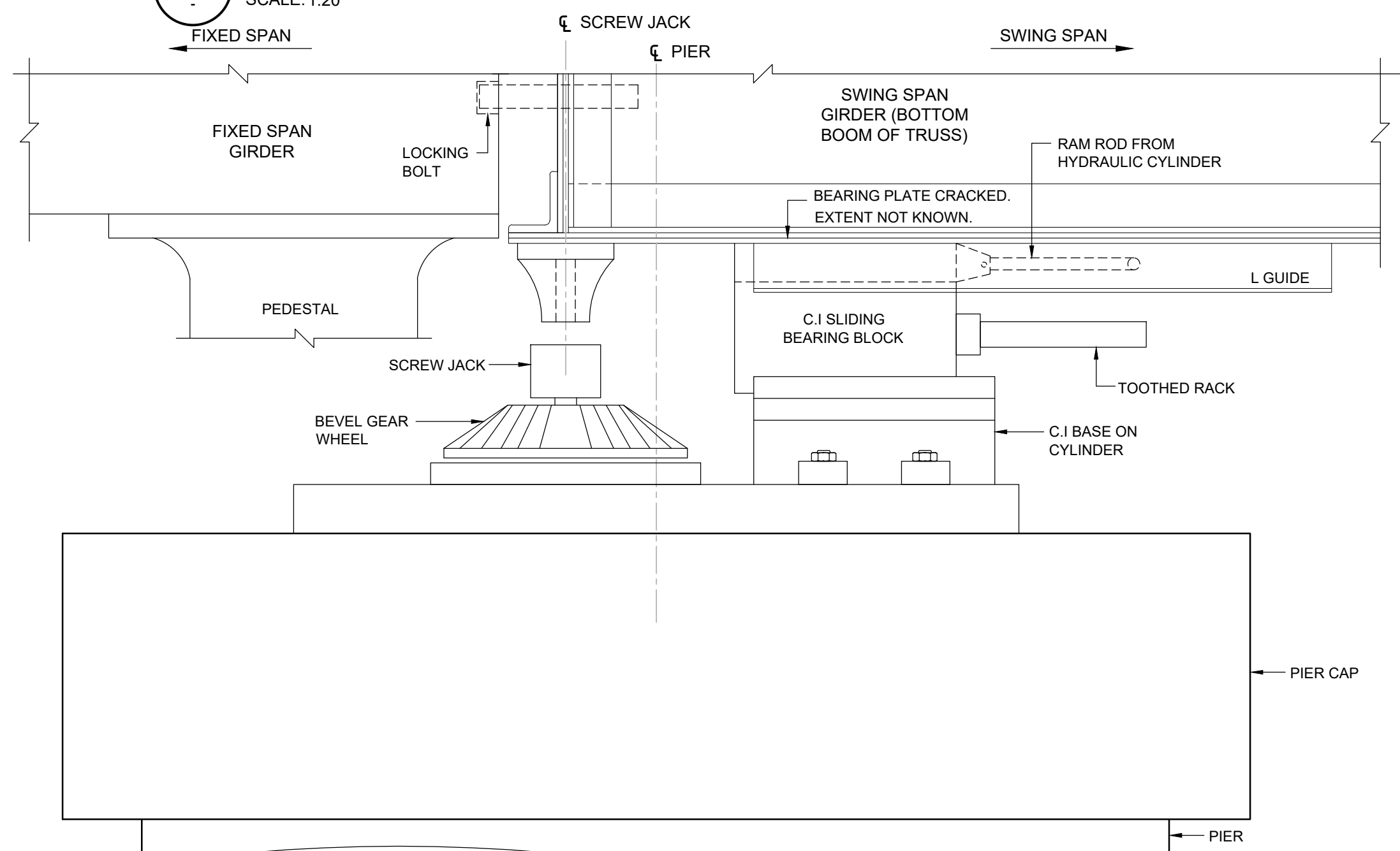
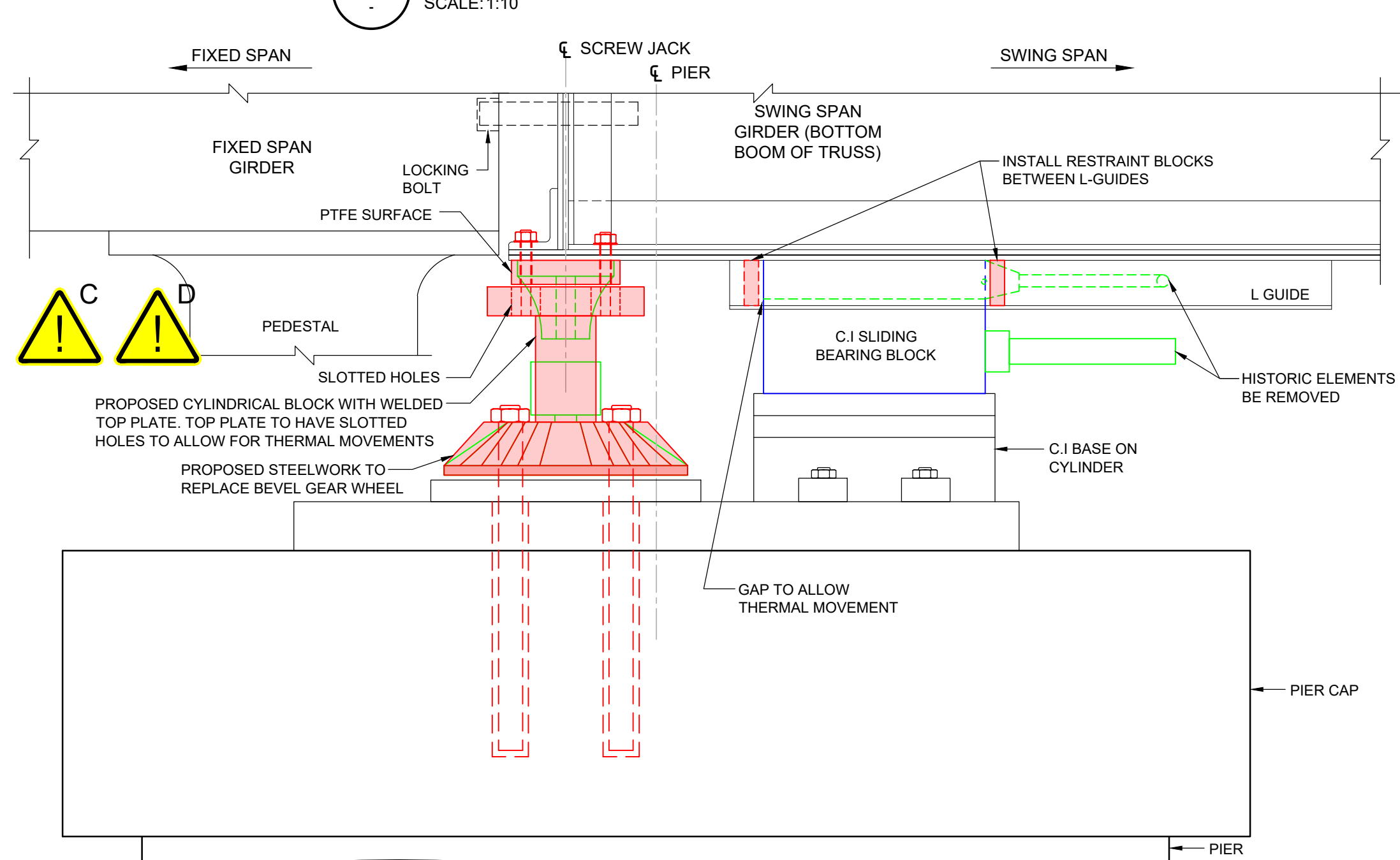




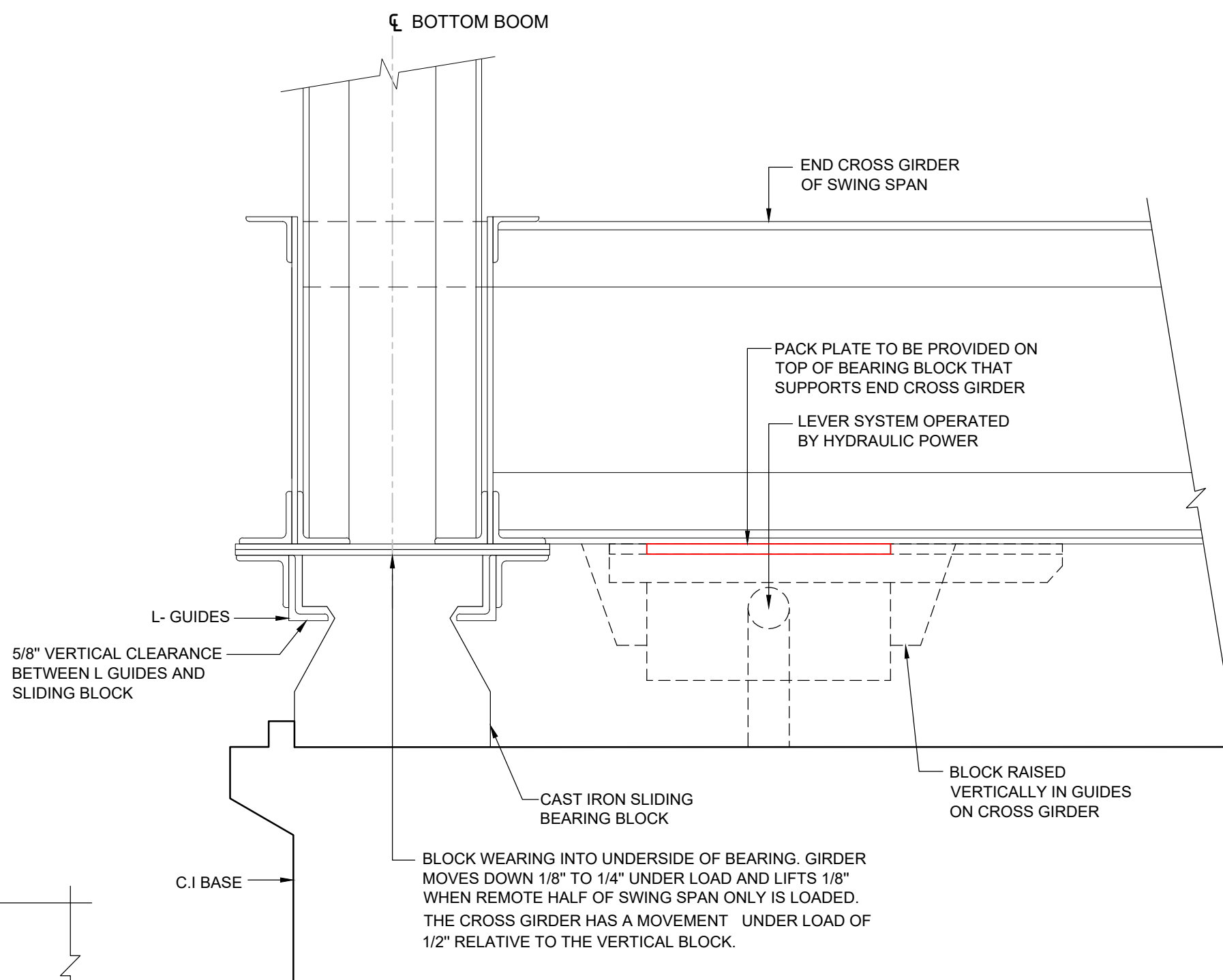
1 TYPICAL BEARING DETAIL OF SWING SPAN - PLAN
SCALE: 1:20



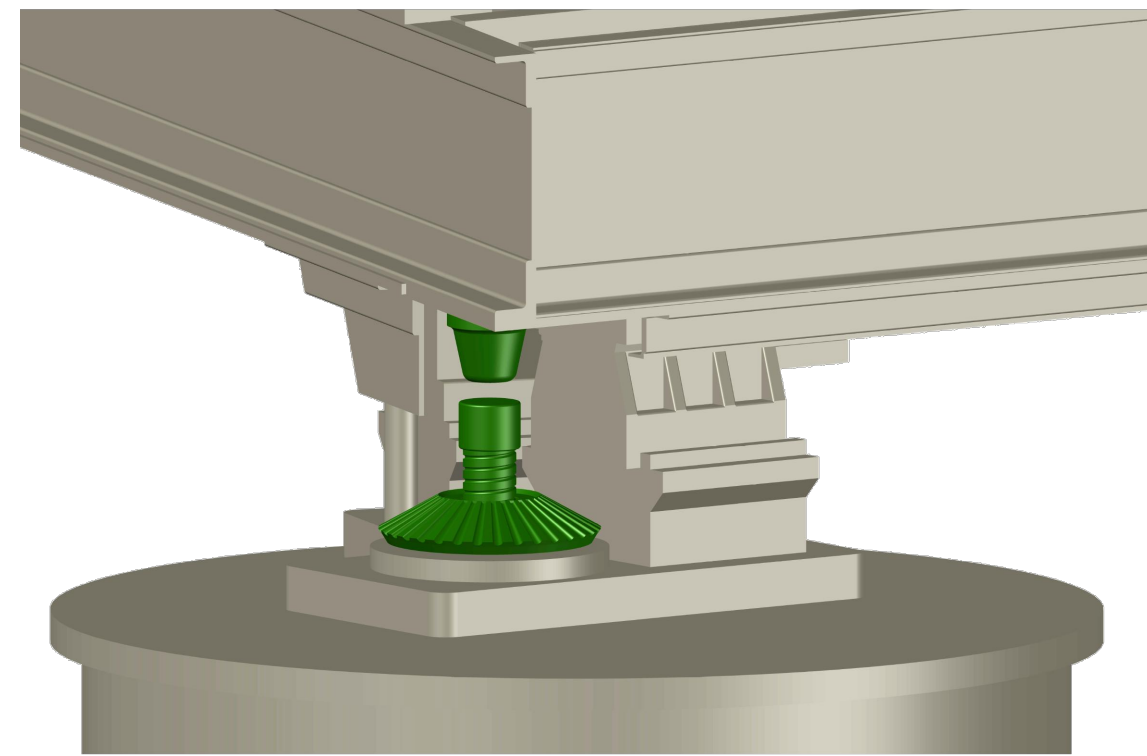
B SECTIONAL ELEVATION - EXISTING
SCALE: 1:10



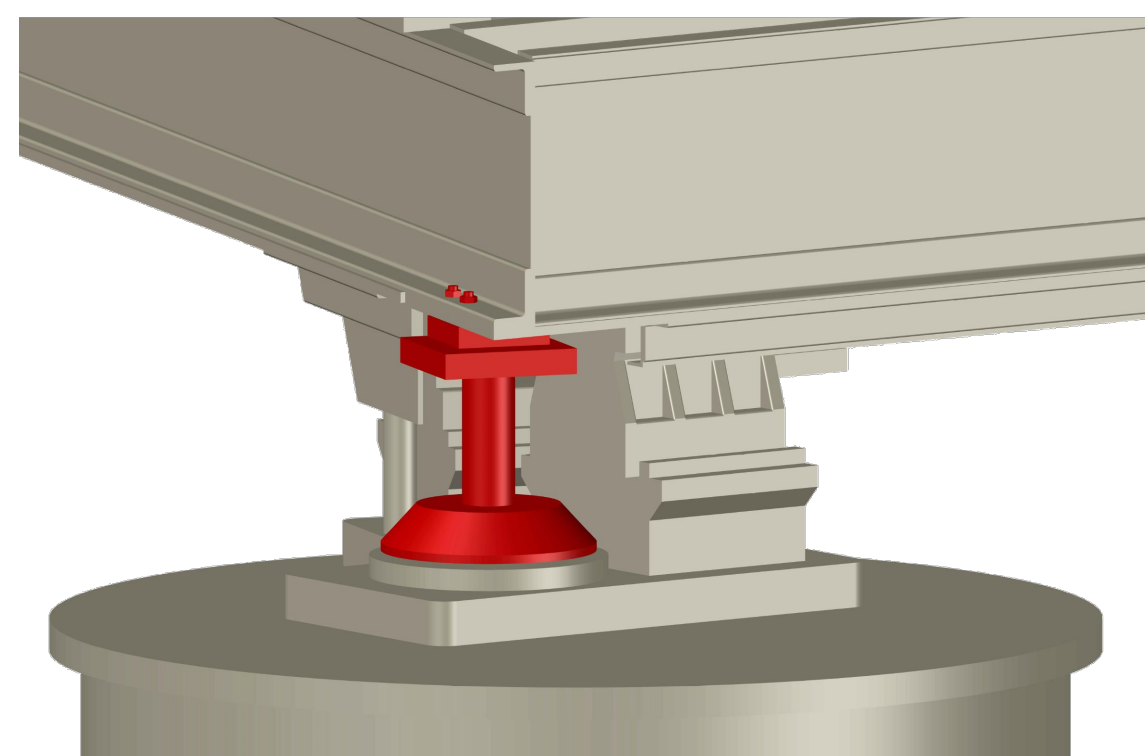
B SECTIONAL ELEVATION - PROPOSED
SCALE: 1:10



A SECTION
SCALE: 1:10



- 3D MODEL - EXISTING ARRANGEMENT
SCALE: (N.T.S)



- 3D MODEL - PROPOSED ARRANGEMENT
SCALE: (N.T.S)

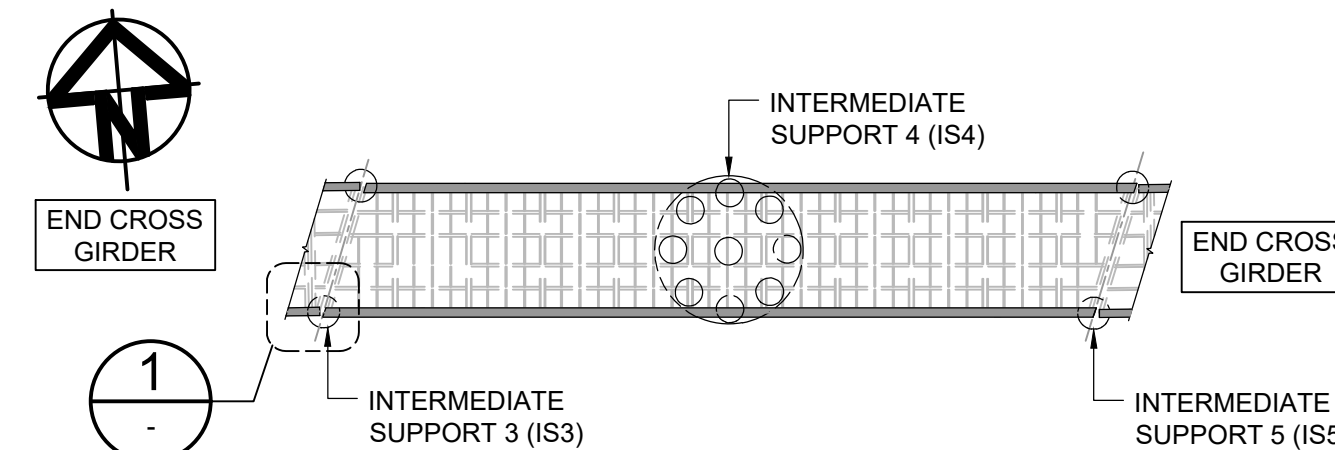
HAZARD SUMMARY TABLE									
	SIGNIFICANT DESIGNER'S IDENTIFIED HAZARDS	LIFE SAVING RULES							
	SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION								
THE FOLLOWING NOTES HIGHLIGHT SIGNIFICANT RESIDUAL HAZARD IDENTIFIED BY THE DESIGNER. TYPICAL HAZARDS THAT SHOULD BE IDENTIFIED BY A COMPETENT CONTRACTOR ARE NOT INCLUDED. THE CONTRACTOR SHALL CARRY OUT THE WORKS USING AN APPROVED SAFE SYSTEM OF WORK SHOULD ANY ADDITIONAL HAZARDS BE IDENTIFIED DURING THE COURSE OF THE WORKS, THE CONTRACTOR SHALL NOTIFY ALL RELEVANT MEMBERS OF THE PROJECT TEAM									
	DRUGS/ ALCOHOL		TRAINING & COMPETENCY		NO MOBILE PHONES		CORRECT EQUIPMENT		OBEY DRIVING RULES
	EARTHING		EXCLUSION ZONE		PLANS AND PERMITS		SAFETY HARNESS AT HEIGHT		ISOLATION
C	WORKING OVER A WATERCOURSE								
D	PRESENCE OF LEAD WITHIN EXISTING PAINTWORK								
E	TEMPORARY INSTABILITY OF STRUCTURE DURING THE WORKS								
FOR MORE DETAILED INFORMATION PLEASE REFER TO THE PROJECT HAZARD RECORD LOG. DOCUMENT REF.: 152093-ARC-LOG-SSD-000001									



- PHOTO 1 - SHOWING SLIDING BLOCK



- PHOTO 2 - ELEVATION OF SWING SPAN BEARING



- KEY PLAN - BEARING
SCALE: 1:500

NOTES:

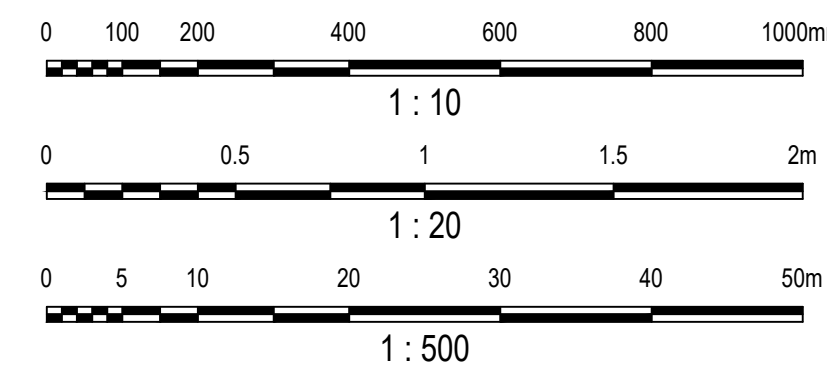
- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES ADD UNLESS NOTED OTHERWISE.
- DO NOT SCALE OFF THIS DRAWING, USE FIGURED DIMENSIONS ONLY.
- THE BEARING DETAILS HAVE BEEN DEVELOPED BY REFERRING TO HISTORIC DRAWINGS MF23516 AND MF16286. GRIP 6-8 CONTRACTOR TO VERIFY DIMENSIONS PRIOR TO COMMENCEMENT OF REMEDIAL WORKS TO BEARING.
- DURING THE ROPED ACCESS INSPECTION WORKS UNDERTAKEN ON BEHALF OF ARCADIS IN NOVEMBER 2018, UP TO 60mm VERTICAL MOVEMENT OF DECK WAS WITNESSED UNDER LIVE LOADING.

LEGEND

- RED - PROPOSED WORKS
- BLUE - EXISTING TO BE MODIFIED
- GREEN - EXISTING TO BE REMOVED

METHOD OF REPAIR:
(FOR ALL FOUR BEARINGS)

- CAST IRON SLIDING BEARING BLOCKS SHALL BE RE-CENTRED ON THE CAST IRON BASE BLOCK.
- RESTRAINTS TO BE INSTALLED TO PREVENT LONGITUDINAL MOVEMENT OF SLIDING BEARING BLOCKS.
- PACKER PLATES TO BE INSTALLED BETWEEN CAST IRON BEARING BLOCKS AND THE BOTTOM BOOM OF TRUSS TO ARREST ANY VERTICAL MOVEMENT, i.e 'FREE FLOATING'.
- REPLACEMENT SCREW JACK ARRANGEMENT TO PROVIDE A POSITIVE CONNECTION FROM THE BRIDGE TO THE PIER AND PREVENT FUTURE UPLIFT



Rev	Date	Description of Revisions	Drawn	Chkd	Appr
A01	24.04.2020	FOR FORM 001 REVIEW	K.S	B.K	J.L
Status					Suitability

FOR FORM 001 REVIEW

S3



Contractor(s):



Project:

RIVER NEATH SWING
BRIDGE GRIP 4

Drawing Title:

BEARING REPAIR DETAILS
(SWING SPAN)

Designed	S. ALURU	Signed	S.A	Date	24.04.2020
Drawn	K. SRILEKHA	Signed	K.S	Date	24.04.2020
Checked	B. KING	Signed	B.K	Date	24.04.2020
Approved	J. LYNN	Signed	J.L	Date	24.04.2020

Scale(s) AS SHOWN @ A1 ELR & Mileage SD11 207m 63ch

Alternative Reference 152093 Sheet 1 of 1

Drawing Number 152093-ARC-DRG-ECV-000025 Revision

Sheet Size A1 594 x 841