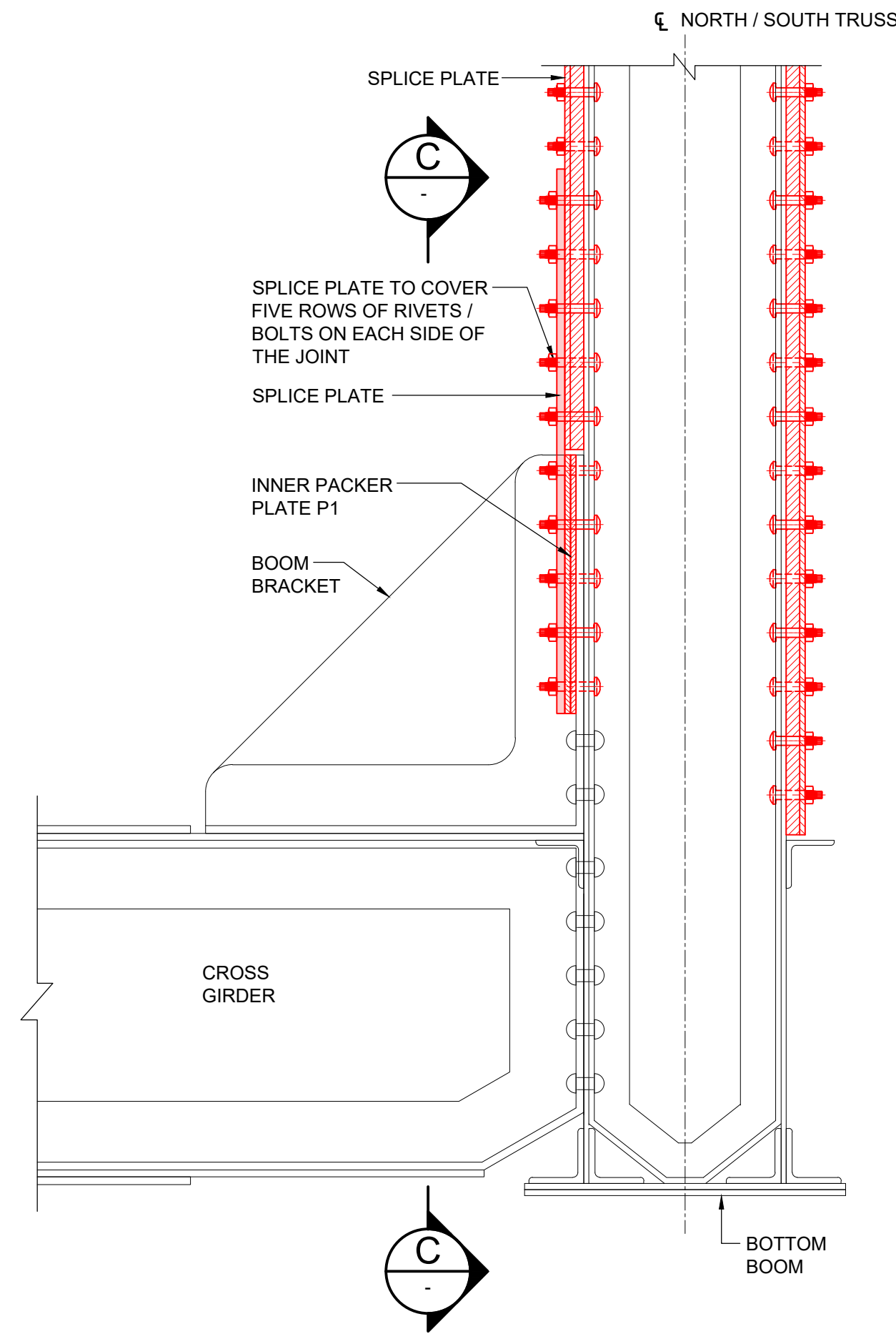
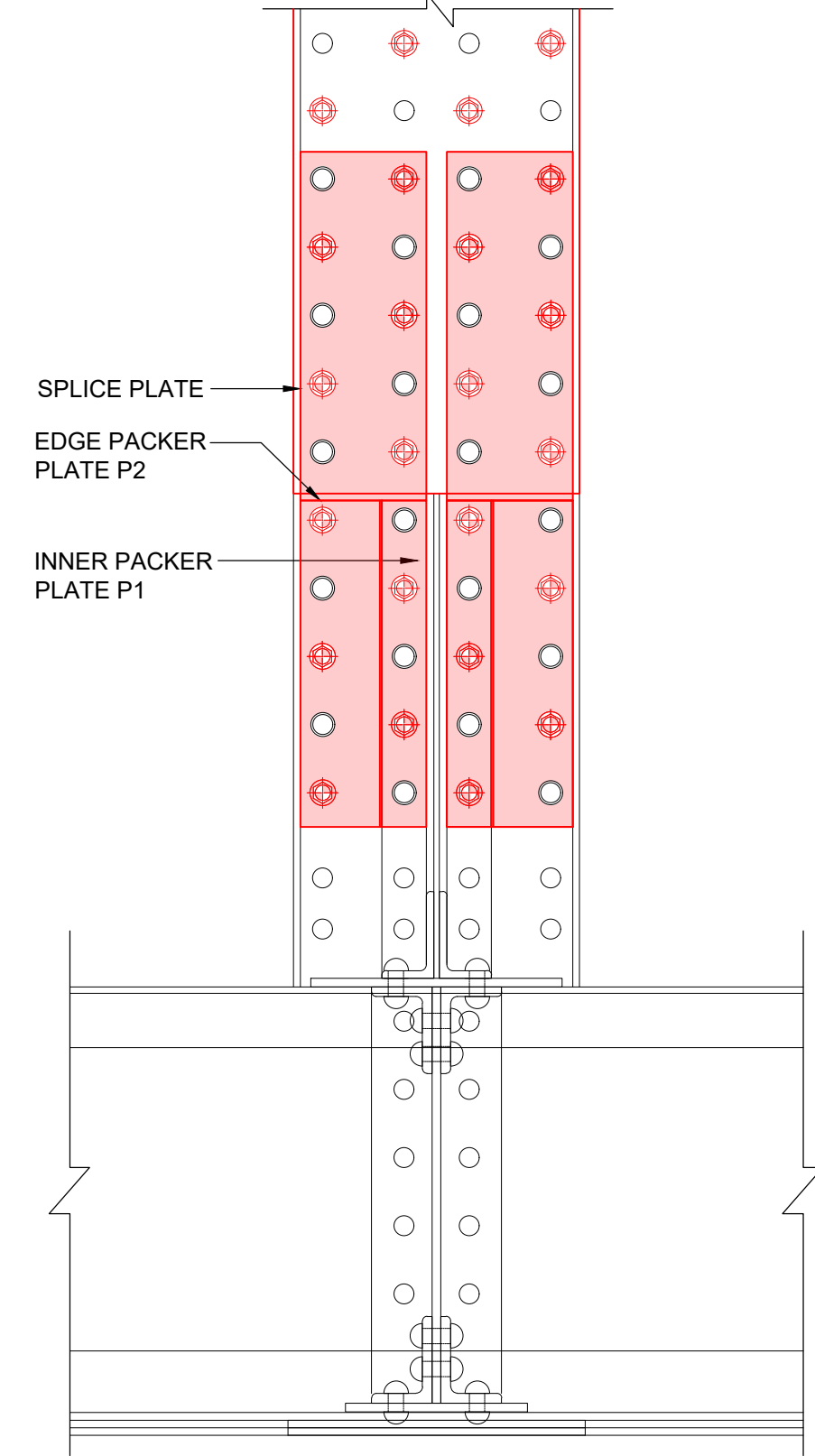


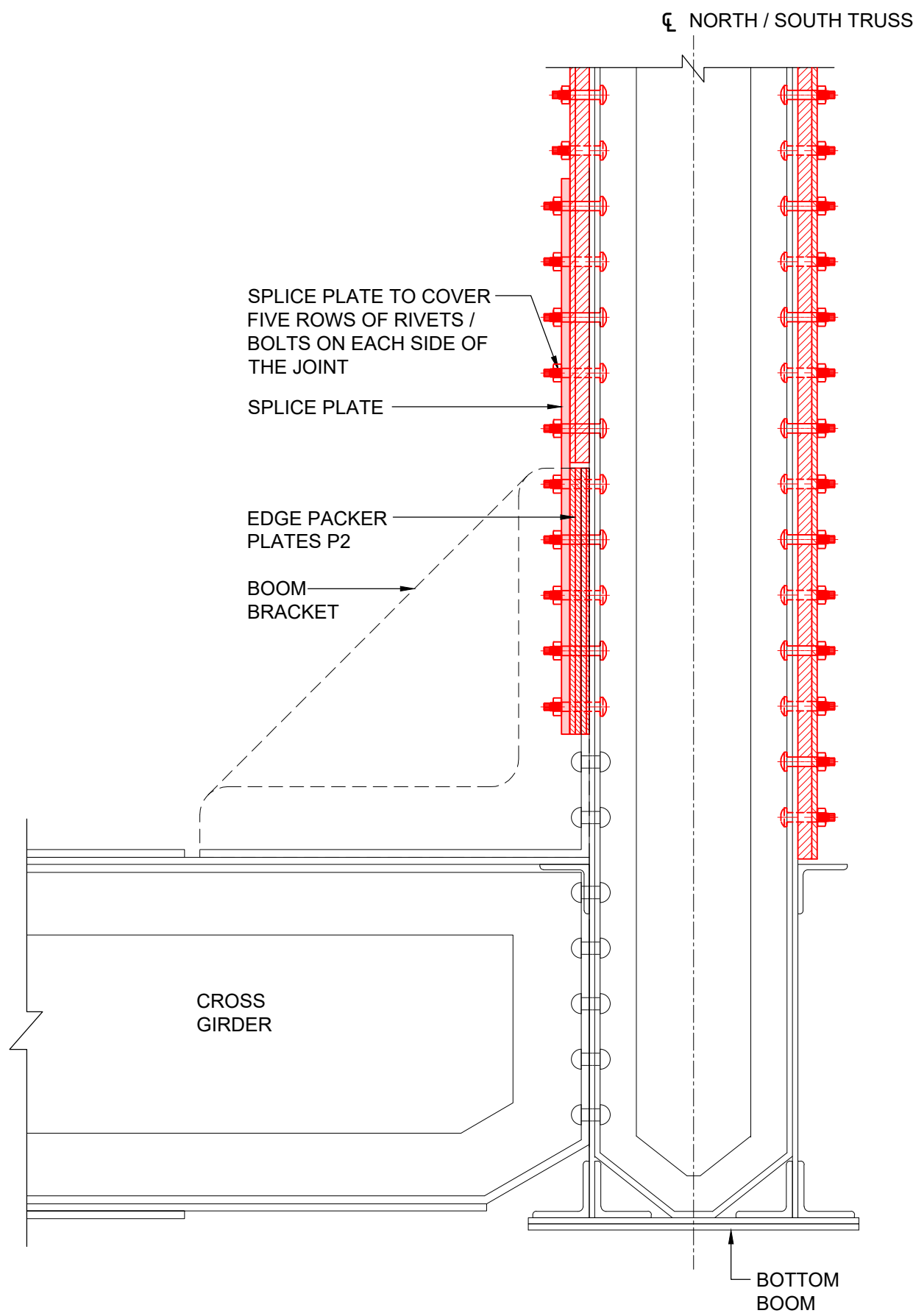


**STRENGTHENING OF TRUSS VERTICALS -
SP LICING AT INTERFACE WITH EXISTING
BRACKET OVER CROSS GIRDER**

(DETAIL 1 - SHOWING INNER PACK PLATES)
SCALE: 1 : 10

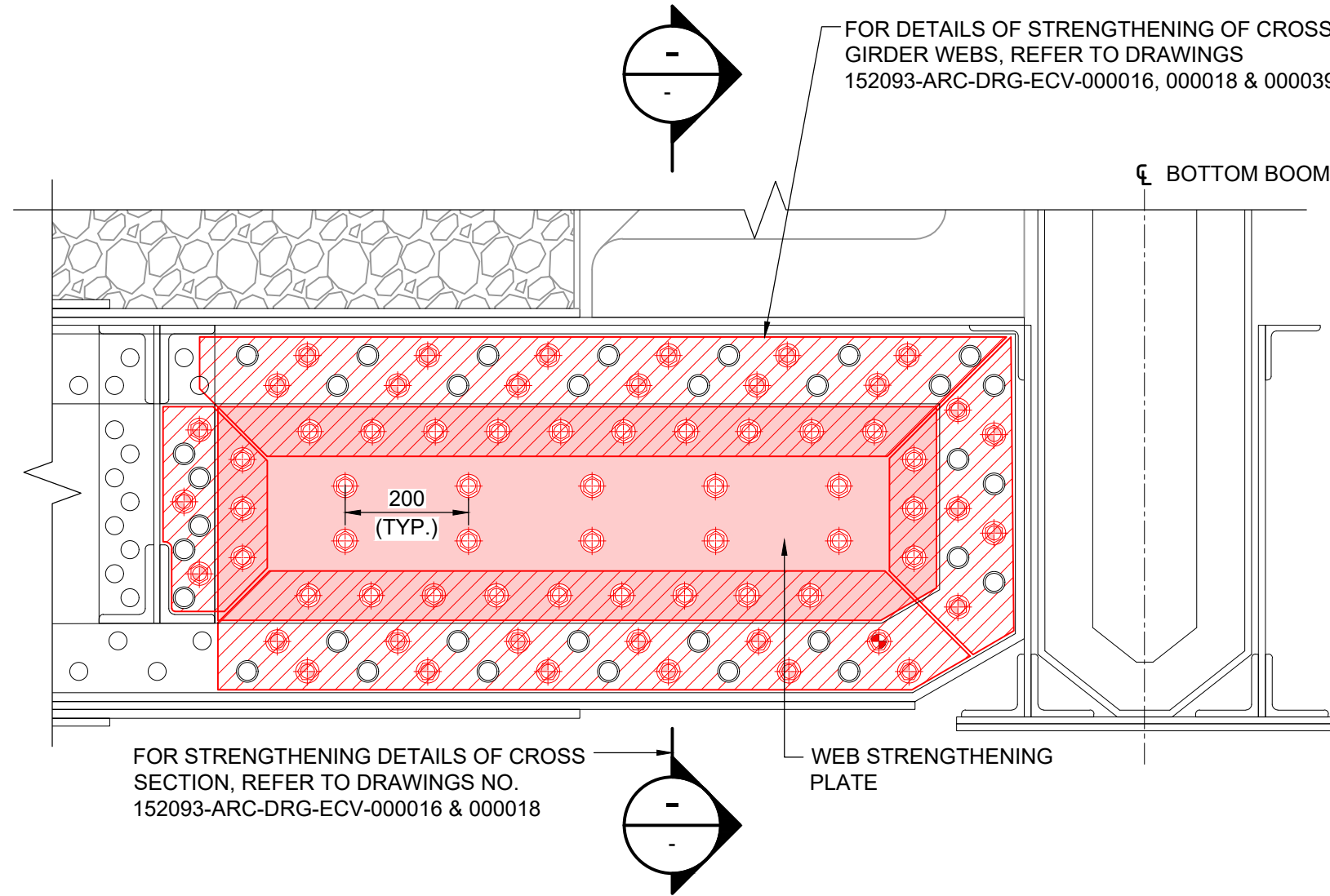


SIDE ELEVATION OF SP LICING
SCALE: 1 : 10

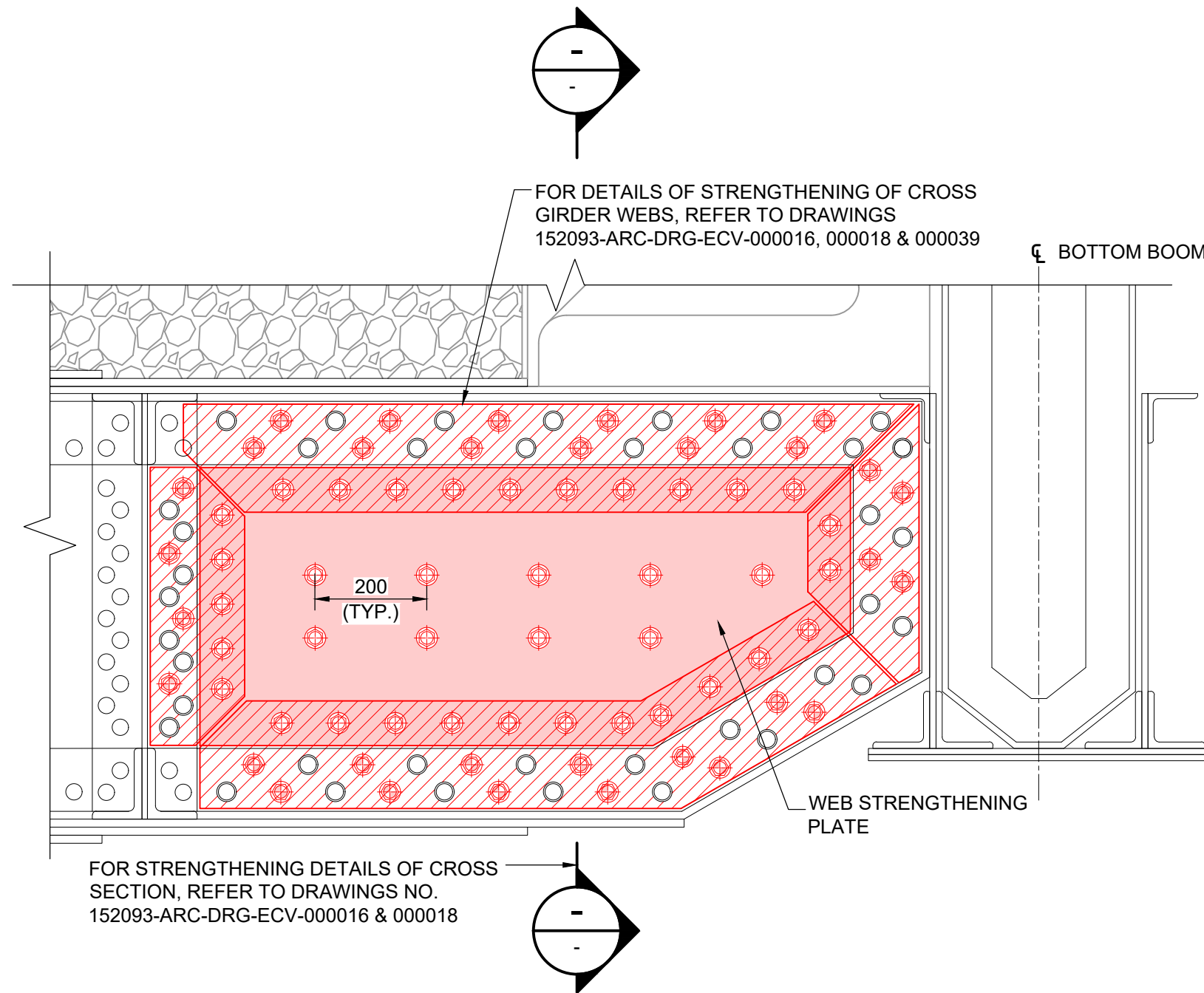


**STRENGTHENING OF TRUSS VERTICALS -
SP LICING AT INTERFACE WITH EXISTING
BRACKET OVER CROSS GIRDER**

(DETAIL 1 - SHOWING EDGE PACK PLATES)
SCALE: 1 : 10



XGI1 -WEB STRENGTHENING DETAIL
SCALE: 1 : 10



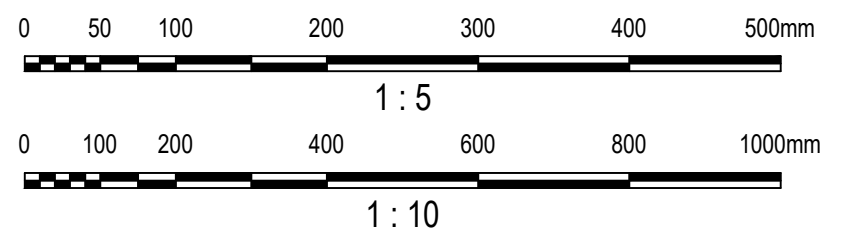
XGI2 - WEB STRENGTHENING DETAIL
SCALE: 1 : 10

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES AOD UNLESS NOTED OTHERWISE.
- DO NOT SCALE OFF THIS DRAWING, USE FIGURED DIMENSIONS ONLY.
- THE AS-BUILT SECTIONS WITH ASSESSMENT CATEGORY WORSE THAN A2 HAVE BEEN STRENGTHENED AS PER THE PROPOSAL ON THIS DRAWING IN ACCORDANCE WITH CLAUSE 7.2 OF NR-L3-CIV-020.
- OVERPLATE DIMENSIONS TO BE CONFIRMED BY THE GRIP6-8 CONTRACTOR VIA TEMPLATING ON SITE, PRIOR TO FABRICATION.
- RIVETS ARE NOT TO BE REMOVED, OTHER THAN THOSE INDICATED IN THE DRAWINGS - RIVETS ARE TO BE REMOVED BY APPROVED MECHANICAL TECHNIQUES WITHOUT DAMAGE TO EXISTING STRUCTURE (SEE NR/CIV/TUM/800 FOR GUIDANCE) FOLLOWING THE RIVETS REMOVAL, THE RIVETS HOLES ARE TO BE REAMED OUT TO 24mm DIA. AND REPLACED WITH TEMPORARY BOLTS. RIVET REMOVAL WORKS MIGHT BE UNDERTAKEN OUTSIDE OF POSSESSION ON A "ONE IN, ONE OUT" BASIS.
- ALL AREAS TO RECEIVE REPAIR PLATES TO BE PREPARED TO BARE METAL. WHERE A FLAT SURFACE CAN'T BE ACHIEVED, DEVCON CHEMICAL METAL "A" OR SIMILAR APPROVED MUST BE USED TO LEVEL THE SURFACE.
- GUSSET PLATE THICKNESS ASSUMED TO BE 15mm.
- THE ANGLE SP LICE JOINT (CURTAILMENT POINT) SHOULD BE ATLEAST 500mm FROM THE FLANGE SP LICE JOINT (CURTAILMENT POINT).

LEGEND:-

- PROPOSED STRENGTHENING STEELWORK
- PROPOSED SP LICE PLATE / LAP PLATE
- DENOTES NEW BOLT IN EXISTING HOLE REAMED TO SUIT.
- DENOTES NEW BOLT IN PRE DRILLED HOLE.
- DENOTES EXISTING RIVET TO BE LEFT IN PLACE.



A01	24.04.2020	FOR FORM 001 REVIEW	K.S	B.K	J.L
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					
FOR FORM 001 REVIEW					S3



**RIVER NEATH SWING
BRIDGE GRIP 4**

**ELEVATION DETAILS OF
STRENGTHENING WORKS
(SHEET 2 OF 2)**

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 SDI1 207m 63ch				
Alternative Reference	152093	Sheet	2 of 2		
Drawing Number	152093-ARC-DRG-ECV-000020	Revision	A01		