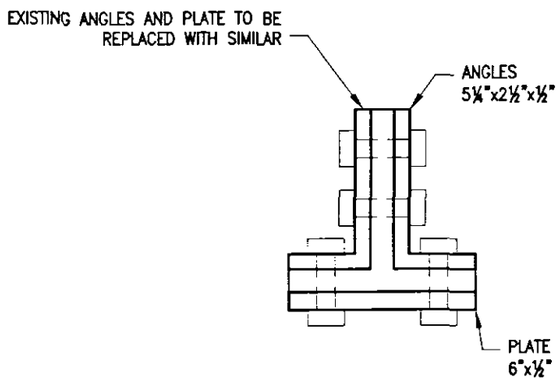
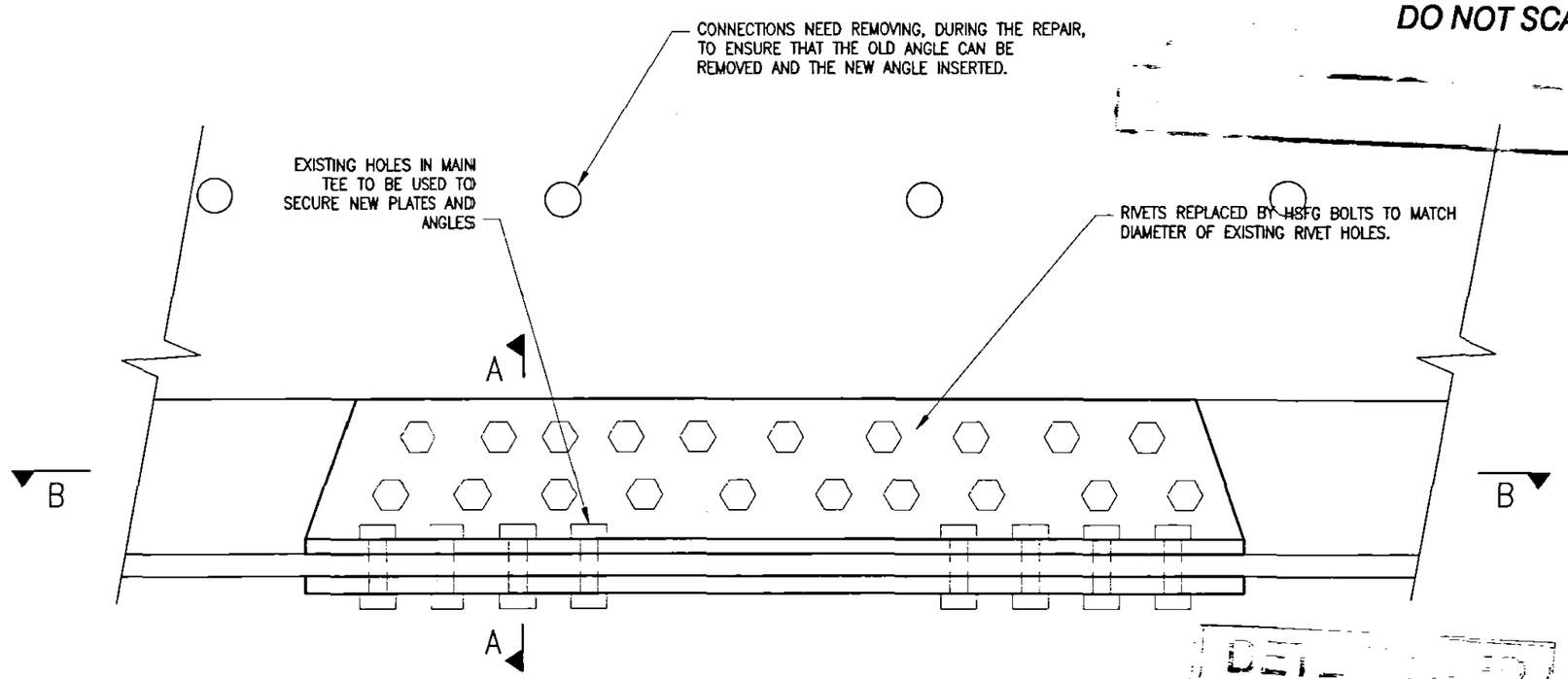
DO NOT SCALE

	VERTICAL LOAD		WIND LOAD	
SPAN	D.L	LL	D.L	LL
1	33.9kN	10.2kN	±27.4kN	±15.1kN
2	42.4kN	12.8kN	±34.2kN	±18.8kN
3	33.9kN	10.2kN	±27.4kN	±15.1kN
4	33.9kN	10.2kN	±27.4kN	±15.1kN
5	15.3kN	4.6kN	±12.3kN	±6.8kN

LOADS FOR PROPPING FOR BOTTOM SPLICE REPAIRS.



SECTION A–A



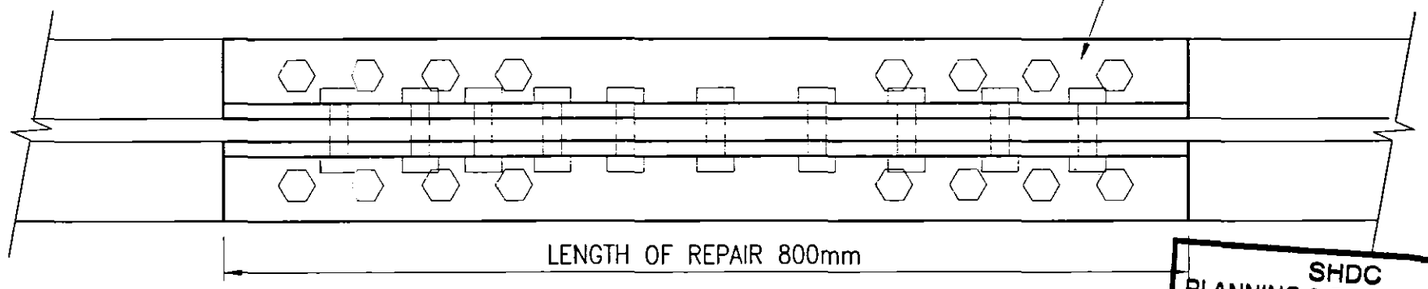
PART ELEVATION OF TENSION CHORD AT POSITION OF EXISTING SPLICE PLATE

METHODOLOGY FOR REPAIR

1. PROPPING REQUIRED EACH SIDE OF THE REPAIR. FOR DETAILS OF THE LOADS IN BTM. CHORD SEE TABLE. TOP CHORD REPAIR TO BE TEMPORARILY BRACED DURING WORKS. TEMPORARY WORKS TO BE DESIGNED BY CONTRACTOR.
2. REMOVE RIVETS IN THE SPLICE CONNECTION
3. LOOSEN SOME LATTICE MEMBERS BY REMOVING CONNECTIONS AND REMOVE SPLICE RSA's/PLATES TO BE REPLACED
4. PREPARE SURFACES
5. INSTALL NEW SPLICE RSA's/PLATE
6. BOLT UP WITH HSFG BOLTS
7. PAINT

REPAIR SHOWN FOR BOTTOM CHORD REPAIR. DETAILS SIMILAR FOR TOP CHORD. DETAILS SIMILAR WHETHER REPLACING WEB SPLICES, FLANGE SPLICES OR BOTH.

FOR LOCATIONS OF SPLICE REPAIRS SEE DRAWINGS 5020738/CST/001 – 005



SECTION B–B

DETAILED

SHDC
PLANNING & DEVELOPMENT
2 2 OCT 2003
Ref. 1003/03

Drawn	CEO	02.10.03	A1 FORM B ISSUED FOR APPROVAL
Checked	PLA	02.10.03	
Authorised	JCB	02.10.03	

NOTES
1. SKETCHES ARE INDICITIVE ONLY AND DIMENSIONS AND ARRANGEMENT OF BOLTS SHOULD BE CONFIRMED ON SITE.
2. RIVET HOLES TO BE REAMED AS NECCESSARY FOR HSFG BOLTS.
3. SUBJECT TO CONTRACTOR PROVIDING TEMPORARY WORKS CALCULATIONS AND FORM C (AS REQUIRED) TO ENSURE STABILITY OF THE STRUCTURE DURING WORKS.
4. ALL IMPERIAL SECTIONS TO BE REPLACED WITH EQUIVALENT METRIC SECTIONS.
5. ALL REPAIRS TO BE CARRIED OUT ON SITE.
6. LBC IS REQUIRED.
7. HATCHING SHOWS NEW STEEL NOT CUT THROUGH SECTIONS.

Drawn	CEO	16.10.03	A2 FORM B RE-ISSUED FOR APPROVAL FOLLOWING SITE MEETING ATKINS, MAY GURNEY AND MAY GURNEY STEEL 3.10.3 AND APPROVAL OF FORM A.
Checked	PLA	16.10.03	
Authorised	JCB	16.10.03	
	By	Date	Purpose of Issue / Description

Client: Network Rail — May Gurney — STRUCTURES PARTNERSHIP

Project: WERRINGTON BRANCH LINE WEB10A GREEN LANE F/B AT 92m 1144yds STEELWORK HOLDING REPAIRS

Title: STEELWORK REPAIR SPLICE PLATE REPAIR

ATKINS
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Drawing Status: APPROVAL
Scale: 1:5
Drawing Number: 5020738 / CST / 008
Revision: A2

User: aske6912 Date: 16/10/03 10:41:24 Filename: \\Sgbyoc1001\project\Rail-Project\Project\4280019 May Gurney\Jobs\WEB_10A Green Lane, Spalding\Drawings\form B drawings\Revised For5020738_CST_008_A2.d