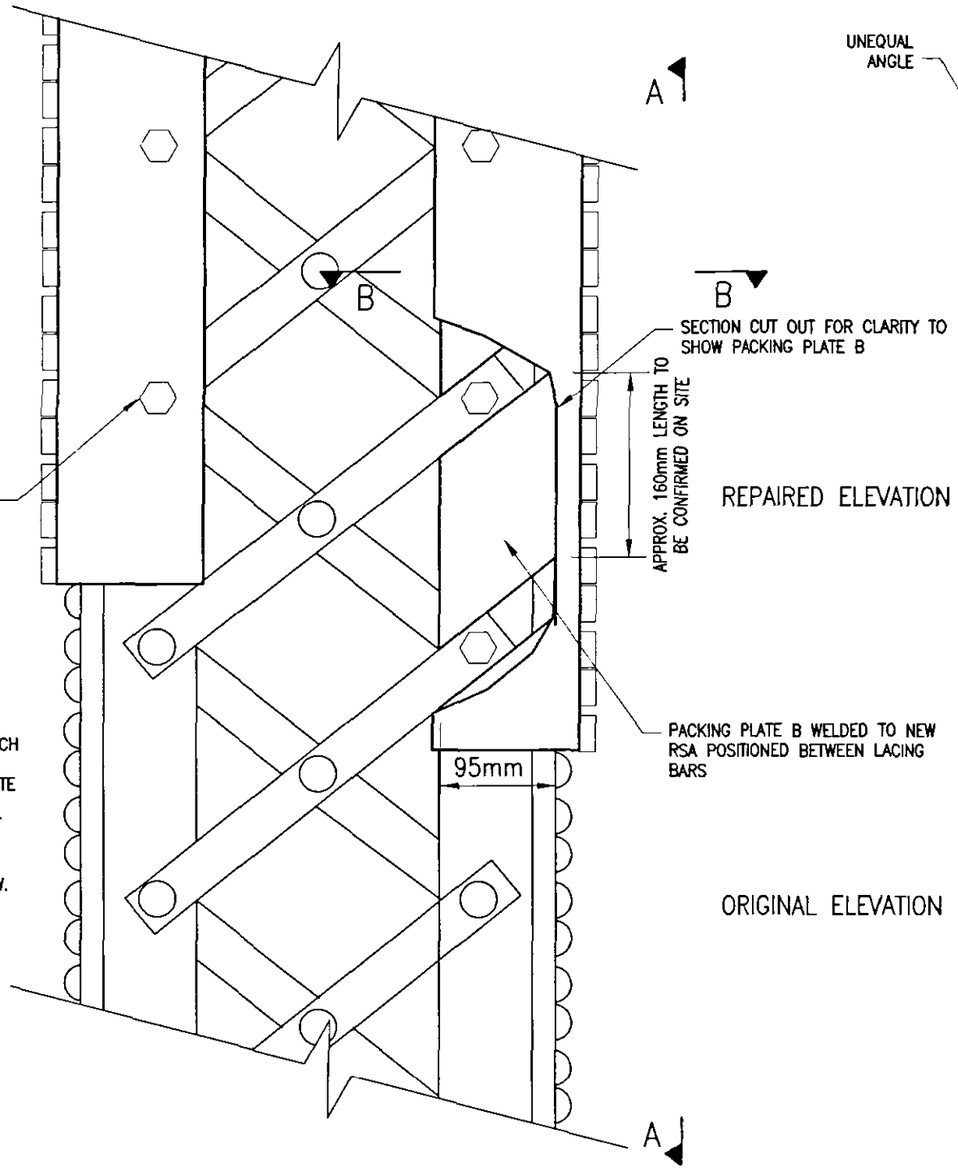
User: oske6912 Date: 16/10/03 10:40:17 Filename: \\Sgbyoc1001\project\Rail-Project\Project\4280019 Mcy Gurney\Jobs\WEB_10A Green Lane, Spalding\Drawings\form B drawings\Revised For5020738_CST_007_A2.d

DO NOT SCALE

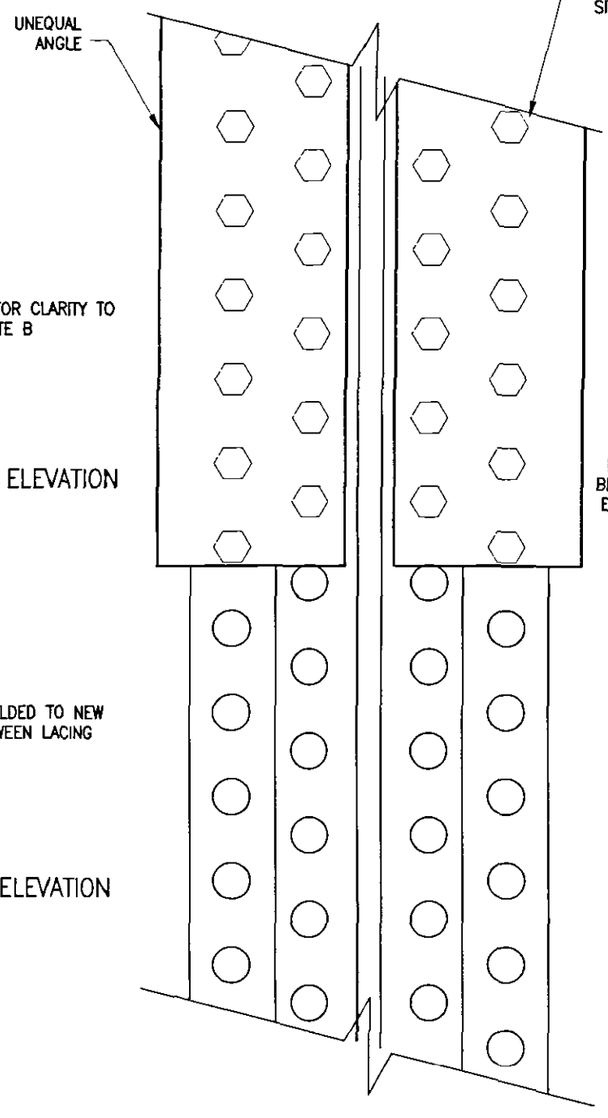


REPAIRED ELEVATION

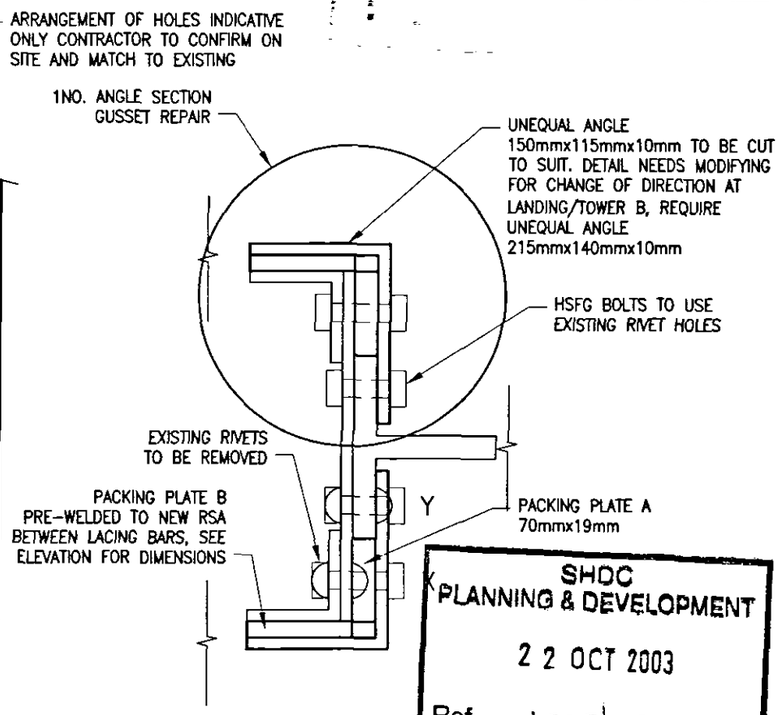
THE FULL LENGTH OF EACH GUSSET PLATE REPAIR IS TO BE CONFIRMED ON SITE BY THE DESIGNER. THIS SHOULD BE CARRIED OUT IN SECTIONS TO ENSURE STRUCTURAL STABILITY. REFER TO NOTE 3 BELOW.

ORIGINAL ELEVATION

PART NORTH/SOUTH ELEVATION OF TOWER
MOST HIDDEN LINES AND BRIDGE PARAPET OMITTED FOR CLARITY



ELEVATION A–A



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

SECTION B–B

DETERMINED
PLN

PROPOSED METHODOLOGY FOR ANGLE REPAIR
(FROM SECTION B–B)

1. REMOVE RIVETS X (TO ANGLE AND GUSSET PLATE)
2. ADD PACKING A FOR REPAIR LENGTH AND SECURE
3. REMOVE RIVETS Y (TO MAIN TEE AND GUSSET PLATE)
4. ADD NEW ANGLE WITH PACKING PLATE B PRE-WELDED BETWEEN LACING BARS AND BOLT UP TO THE TOWER ANGLE AND THE MAIN CHORD T.
5. REPAIR SHOULD EXTEND FOR 4 RIVETS EACH SIDE OF THE CORROSION.
5. ANGLE REPAIRS ARE TO BE CARRIED OUT CONSECUTIVELY, WORK MUST BE COMPLETE ON ONE SECTION BEFORE RIVETS ARE REMOVED ON THE NEXT SECTION.
6. OUTER FACE ANGLE REPAIRS SHOULD BE COMPLETED PRIOR TO DECK FACING REPAIRS.
7. SECTIONS WITH WORST CORROSION ARE TO BE REPAIRED FIRST.
8. THE DECK MUST NOT BE LOADED WHILE UNDERTAKING OUTER FACE REPAIRS.

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 CONTRACTOR TO CONFIRM DIMENSIONS AND ARRANGEMENT OF BOLTS ON SITE.
2. RIVET HOLES TO BE REAMED AS NECESSARY 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 GUSSET PLATE REPAIR

ATKINS
Holgate Villa, 22 Holgate Road
York, YO24 4AB
Tel. +44 (0)1904 524700
Fax. +44 (0)1904 524703

Drawing Status: APPROVAL
Scale: 1:5
Drawing Number: 5020738 / CST / 007
Revision: A2