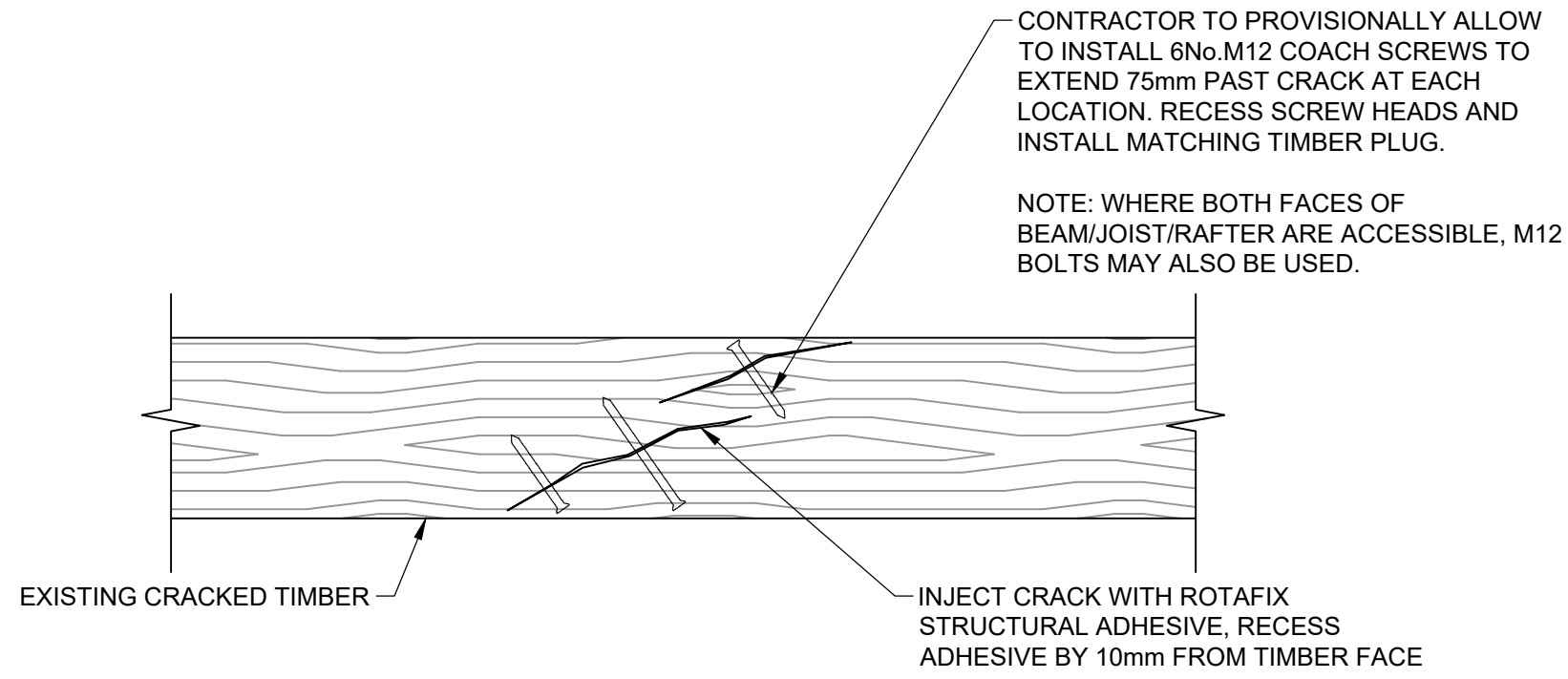
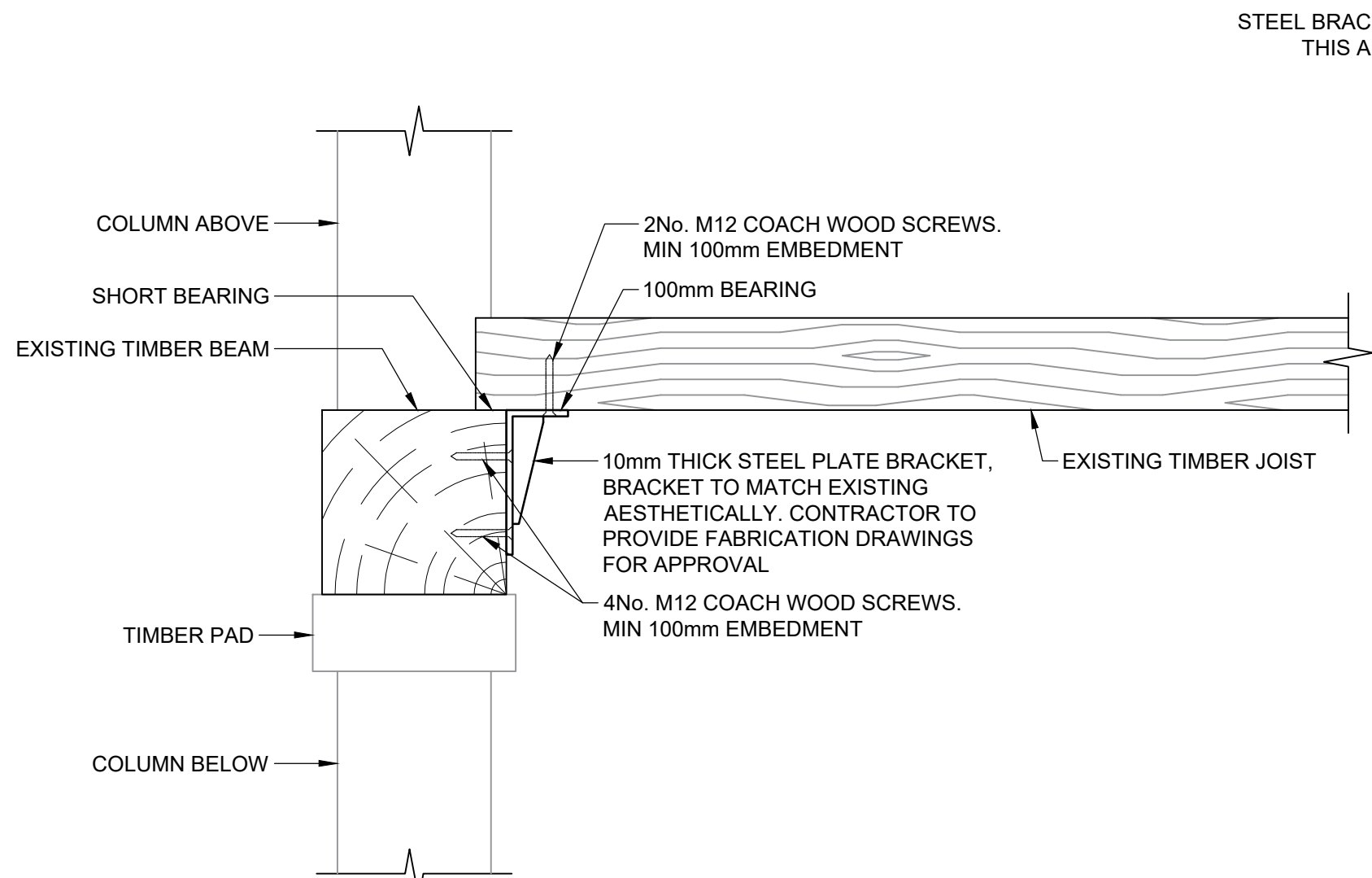
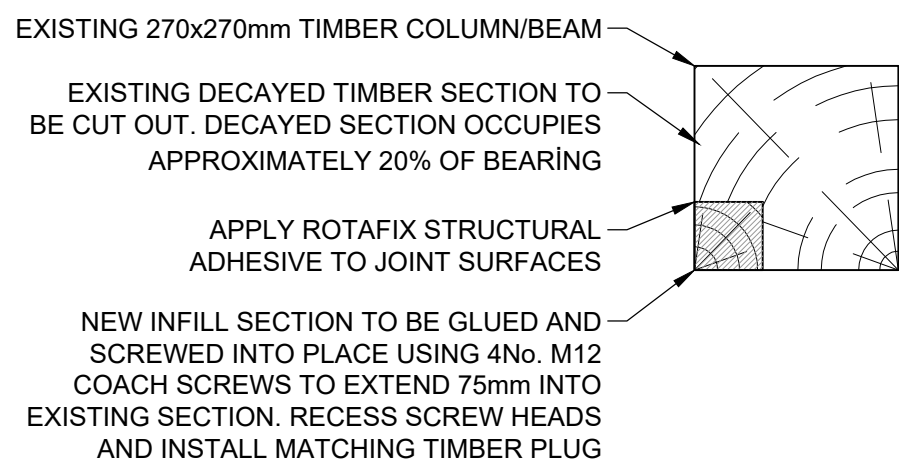
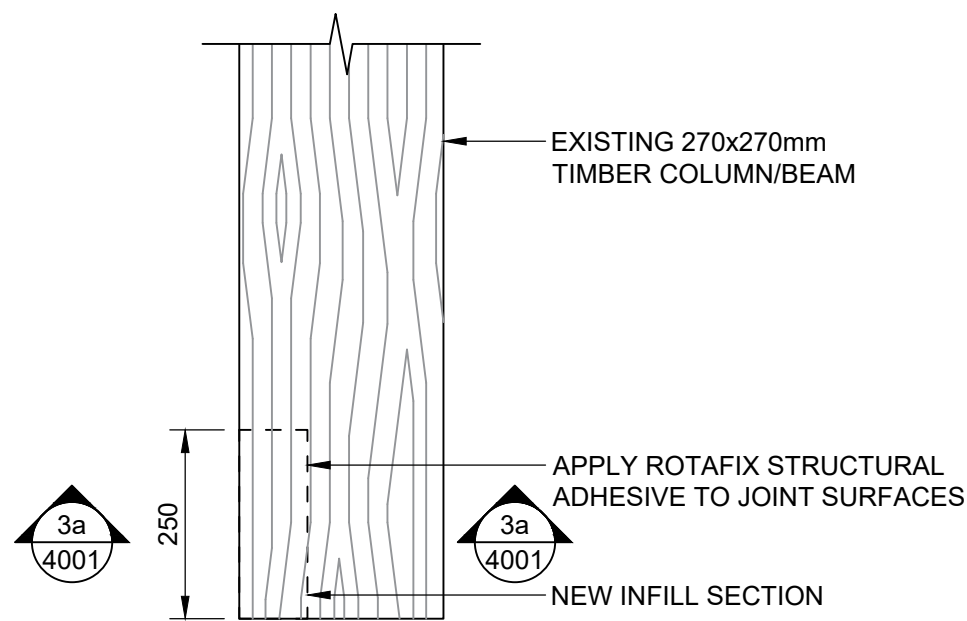




1 **SPLIT TIMBER JOIST/BEAM/RAFTER REPAIR**
1:10

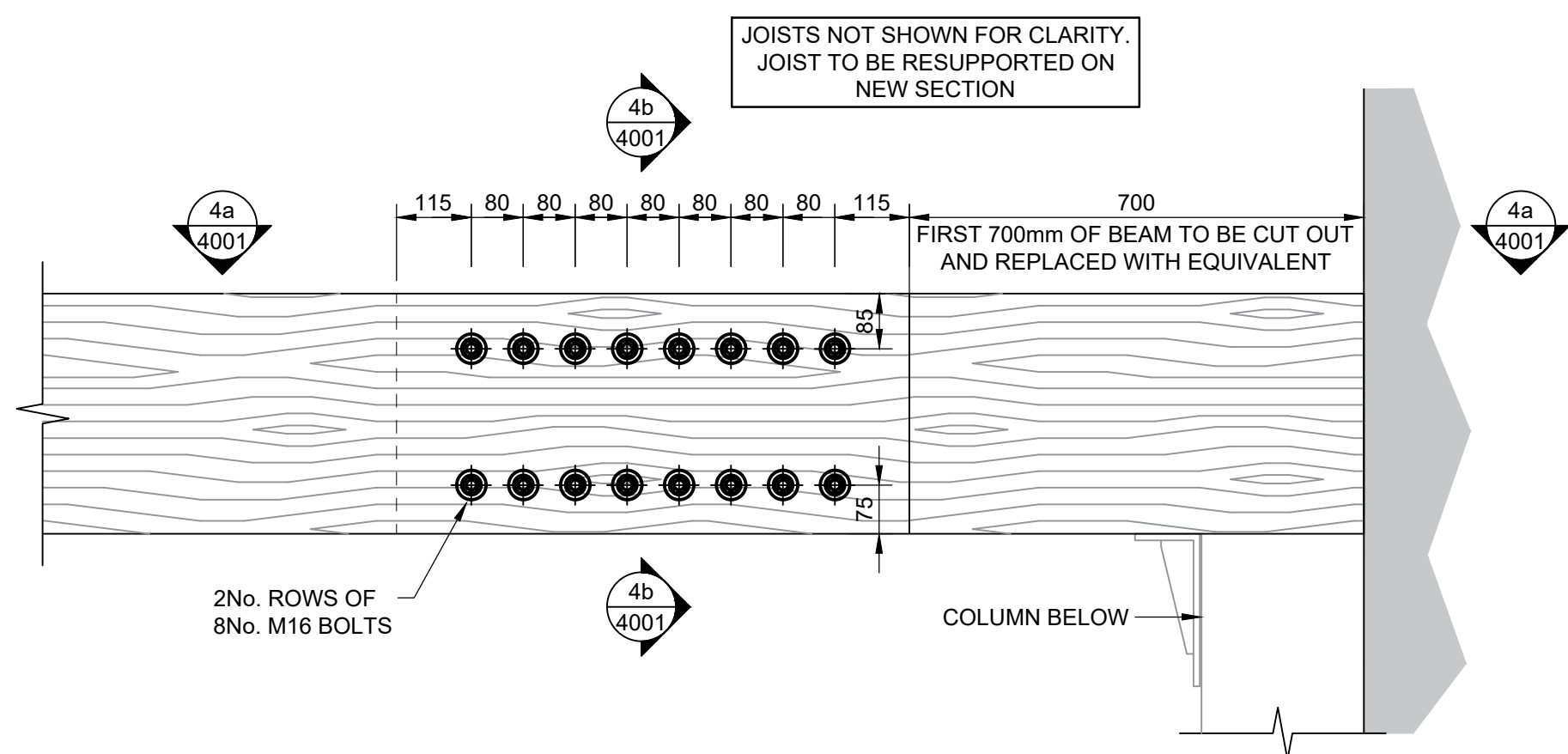


2 **JOIST SHORT BEARING DETAIL**
1:10

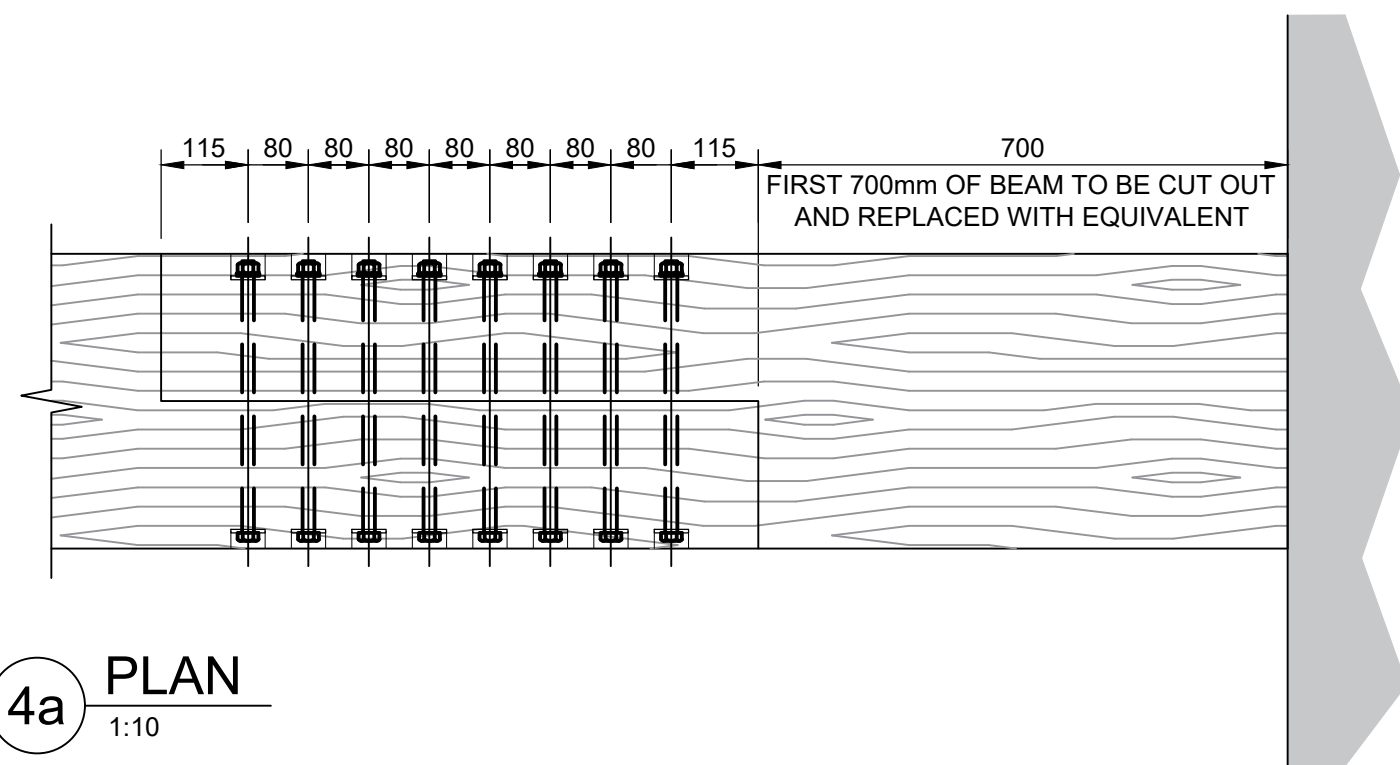


3a **SECTION**
1:10

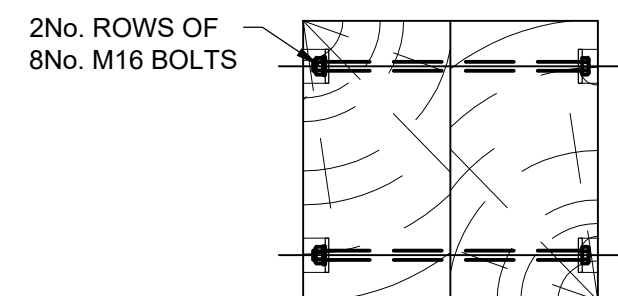
3 **TYPICAL INDENT REPAIR DETAIL**
1:10



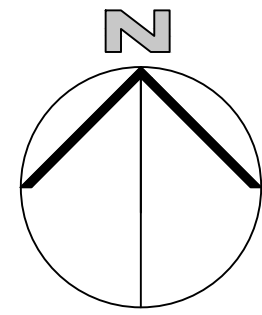
4a **PLAN**
1:10



4b **SECTION**
1:10



4 **TYPICAL SPLICE REPAIR DETAIL - ELEVATION**
1:10



GENERAL NOTES

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALIST DRAWINGS AND SPECIFICATIONS
- DO NOT SCALE FROM THIS DRAWING IN EITHER PAPER OR DIGITAL FORM. USE WRITTEN DIMENSIONS ONLY.

STRUCTURAL REPAIR NOTES

- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF TEMPORARY WORKS. THEIR PROPOSALS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER SUFFICIENTLY IN ADVANCE OF THE WORKS STARTING TO PERMIT COMMENT. UNDER NO CIRCUMSTANCES SHOULD ANY STRUCTURAL ALTERATIONS BE CARRIED OUT PRIOR TO THE STRUCTURAL ENGINEER COMMENTING ON THE CONTRACTORS TEMPORARY WORKS PROPOSALS.
- REPAIR DESIGNS SHOWN INDICATE PRESCRIPTIVE METHODOLOGIES AND MATERIALS TO BE USED.
- NEW SPLICING TIMBER TO BE OF THE SAME SPECIES AS THE PARENT TIMBER, OF MATCHING DIMENSIONS AND APPROPRIATELY SEASONED. HARDWOOD TIMBER TO BE D30 GRADE. SOFTWOOD TIMBER TO BE MINIMUM C24 GRADE.
- BOLTS TO BE M16 GRADE 8.8. USE WITH MATCHING NUTS AND WASHERS. WASHERS TO BE 60mm DIA. & 5mm THICKNESS.
- ROTAFIX RESIWOOD TIMBER ENGINEERING SYSTEM OR SIMILAR & APPROVED TO BE USED FOR ALL RESIN/ADHESIVE BASED REPAIRS.
- STEEL BRACKET TO BE FABRICATED FROM S355 GRADE STEEL PLATE. ALL JOINTS TO BE HAVE CONTINUOUS FILLET WELD ALL ROUND. CONTRACTOR TO PROVIDE FABRICATION DRAWINGS FOR APPROVAL
- REFER ALSO TO CONISBEE STRUCTURAL SPECIFICATION.

C1	25.05.23	CONSTRUCTION ISSUE	KDE	HM
Rev	Date	Description	Drawn	Check

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Drawing Status	CONSTRUCTION
Project	SIM - 1830 WAREHOUSE ESSENTIAL WORKS & REPAIRS
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Engineer	HM
Title	TYPICAL STRUCTURAL REPAIRS DETAILS SHEET 1
Project No	220627
Drawing No	220627-CON-XX-ZZ-DR-S-4001
Revision	C1