

NOTE
POCKET TO BE CAREFULLY, LOCALLY FORMED IN EXISTING WALL ALONGSIDE EXISTING TIMBER LINTEL TO ALLOW FOR BEARING OF REMEDIAL RSA LINTEL. EXISTING TIMBER LINTEL MUST BE TEMPORARILY PROPPED, AS NOTED, PRIOR TO FORMING POCKET

180 x 100 x 8 THICK WASHER PLATE, DRILLED WITH 2 No. 18 DIA HOLES FOR M16 CSK THROUGH BOLTS

SMALL POCKET FORMED IN MASONRY TO LOCALLY EXPOSE TOP FACE OF EXISTING TIMBER LINTEL - POCKET REQUIRED TO ALLOW POSITIONING OF WASHER PLATE AND PLACING NUTS TO THROUGH BOLTS.

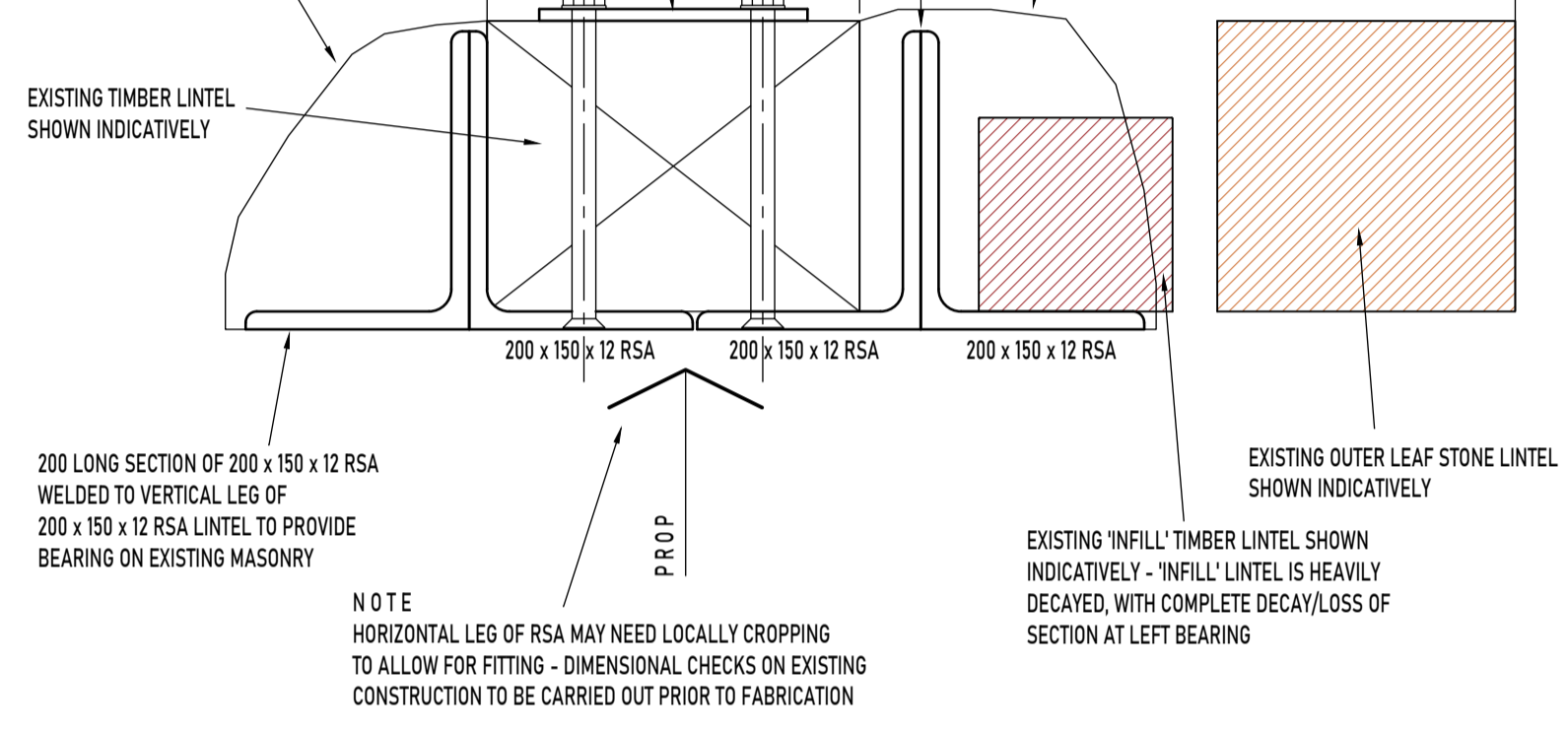
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2 No. 200 x 150 x 12 RSA'S TO BE WELDED TOGETHER WITH VERTICAL LEGS BACK TO BACK, USING 150 HIT, 150 MISS 6mm FILLET WELD

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SECTION A-A
1:5

200 LONG SECTION OF 200 x 150 x 12 RSA WELDED TO VERTICAL LEG OF 200 x 150 x 12 RSA LINTEL TO PROVIDE BEARING ON EXISTING MASONRY

2 No M16 CSK THROUGH BOLTS, FIXING HORIZONTAL LEG OF RSA TO EXISTING TIMBER LINTEL

2 No M16 CSK THROUGH BOLTS, FIXING HORIZONTAL LEG OF RSA TO EXISTING TIMBER LINTEL

EXISTING TIMBER LINTEL TO INNER LEAF AND TO CAVITY TO REMAIN. NEW TWO PART LINTEL REPAIR, FABRICATED FROM 200 x 150 x 12 RSA, TO BE INSTALLED WITH HORIZONTAL LEG TO UNDERSIDE OF EXISTING TIMBER LINTEL, AND FIXED TO EXISTING INNER LEAF TIMBER LINTEL WITH M16 CSK THROUGH BOLTS

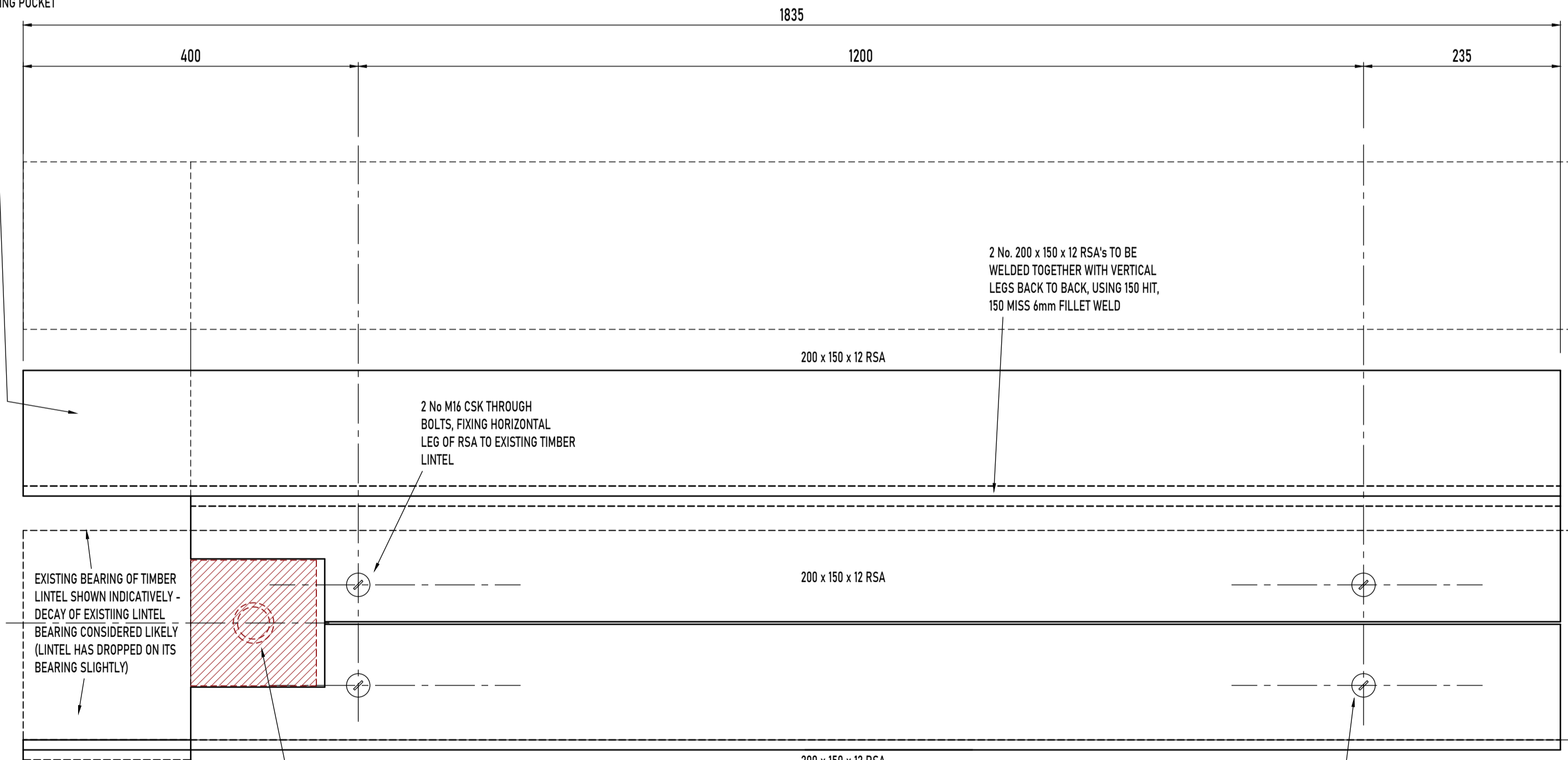
NOTE
HORIZONTAL LEG OF RSA MAY NEED LOCALLY CROPPING TO ALLOW FOR FITTING - DIMENSIONAL CHECKS ON EXISTING CONSTRUCTION TO BE CARRIED OUT PRIOR TO FABRICATION

EXISTING 'INFILL' TIMBER LINTEL SHOWN INDICATIVELY - 'INFILL' LINTEL IS HEAVILY DECAYED, WITH COMPLETE DECAY/LOSS OF SECTION AT LEFT BEARING

NOTE
EXISTING TIMBER LINTEL TO INNER LEAF TO BE TEMPORARILY PROPPED WHILST WORK IS BEING CARRIED OUT. TEMPORARY PROP TO BE POSITIONED TIGHT TO WINDOW REVEAL. HORIZONTAL LEG OF RSA TO BE LOCALLY RECESSED TO ALLOW FOR TEMPORARY PROP TO BE POSITIONED TO UNDERSIDE OF EXISTING TIMBER LINTEL

ELEVATION
1:5

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VIEW ON UNDERSIDE (B-B)
1:5

- GENERAL NOTES
- Do not scale from this drawing, use figured dimensions only - where in doubt consult Engineer
- This drawing to be read in conjunction with all relevant Architects and Building Services Engineers drawings
- All steelwork to be in accordance with the latest issue of the National Steelwork Specification for Building Construction.
 - All steelwork to be grade S355 JR to BS EN 10025 unless otherwise noted. Structural hollow sections to be hot finished, grade S355 J2H to BS EN 10210 unless otherwise noted.
 - Where noted as galvanised, steelwork to be blast cleaned to SA2.5 and hot dip galvanised to a thickness of 140 microns. Galvanised steelwork to receive paint finishes to be T washed. Bolt and nut fixings to be hot spun galvanised, with threads re-cut after galvanising.
 - Fire protection to steelwork to be to Architects specification.
 - All dimensions relating to existing construction are to be obtained by the steelwork contractor.
 - A written method statement to describe proposed demolition and erection of steelwork is to be submitted at least 5 days before these works starting on site.
 - Temporary propping and support remains the responsibility of the contractor. Temporary propping loads shown on this drawing are minimum working loads for which temporary works should be designed. Temporary props to be taken to suitable foundation and to be fully braced and tied.

NOTE
DETAILS SHOWN ON THIS DRAWING ARE PROVISIONAL ONLY SUBJECT TO LISTED BUILDING CONSENT

Revision	Description	Date
P1	Initial Issue	17.01.26

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SAWYER
CONSULTING ENGINEERS

Client
Northern College

Project
**NORTHERN COLLEGE
WENTWORTH CASTLE
REMEDIAL REPAIR OF LINTEL**

Drawing Title
**REMEDIAL REPAIR OF EXISTING
WINDOW LINTEL
STRUCTURAL DETAILS**

Status
PRELIMINARY

Drawn
DS

Scales
AS NOTED - PLOTTED AT A1

Checked
DS

Project and Dwg No.
26_760_001

Rev
P1