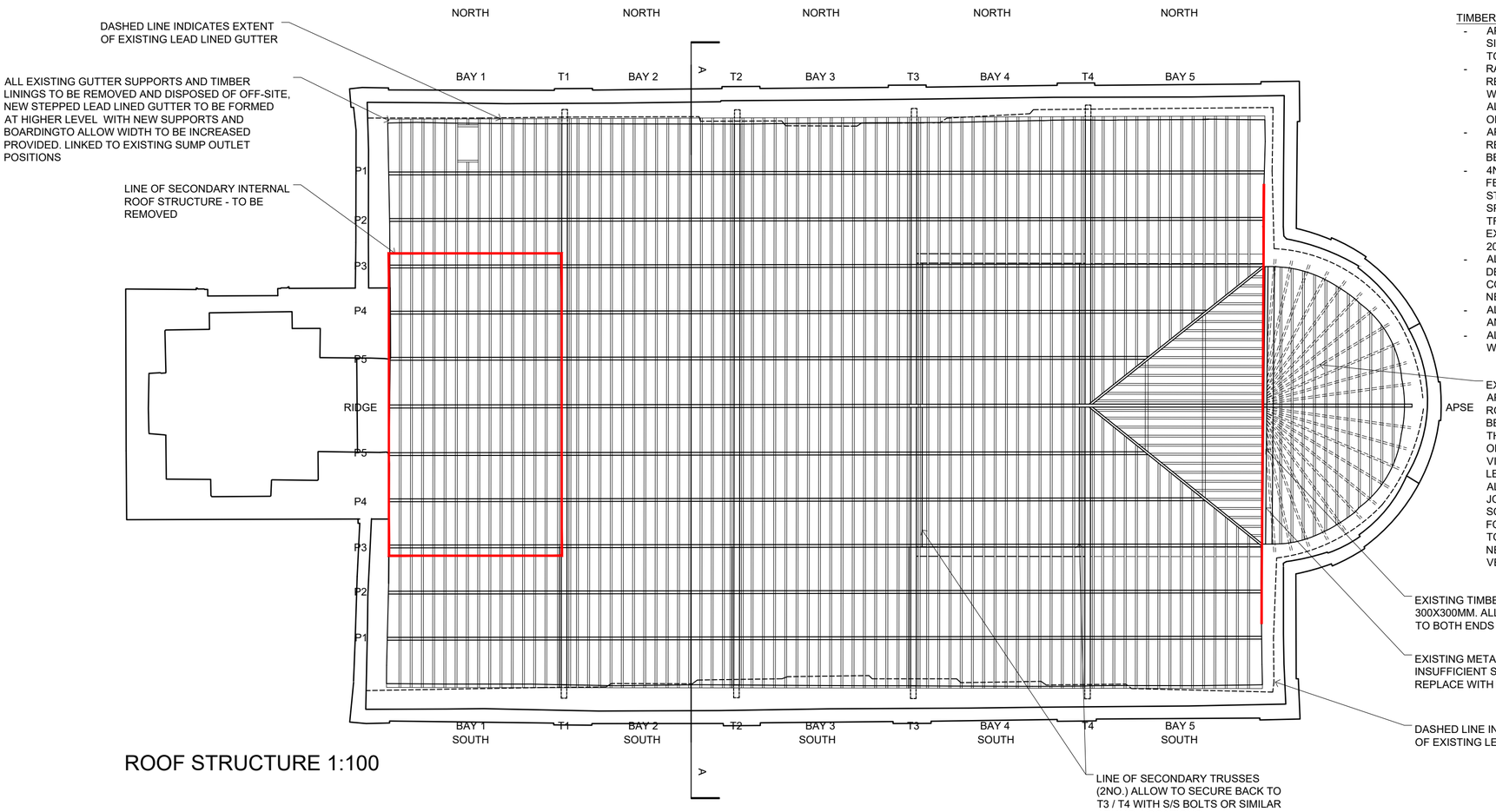
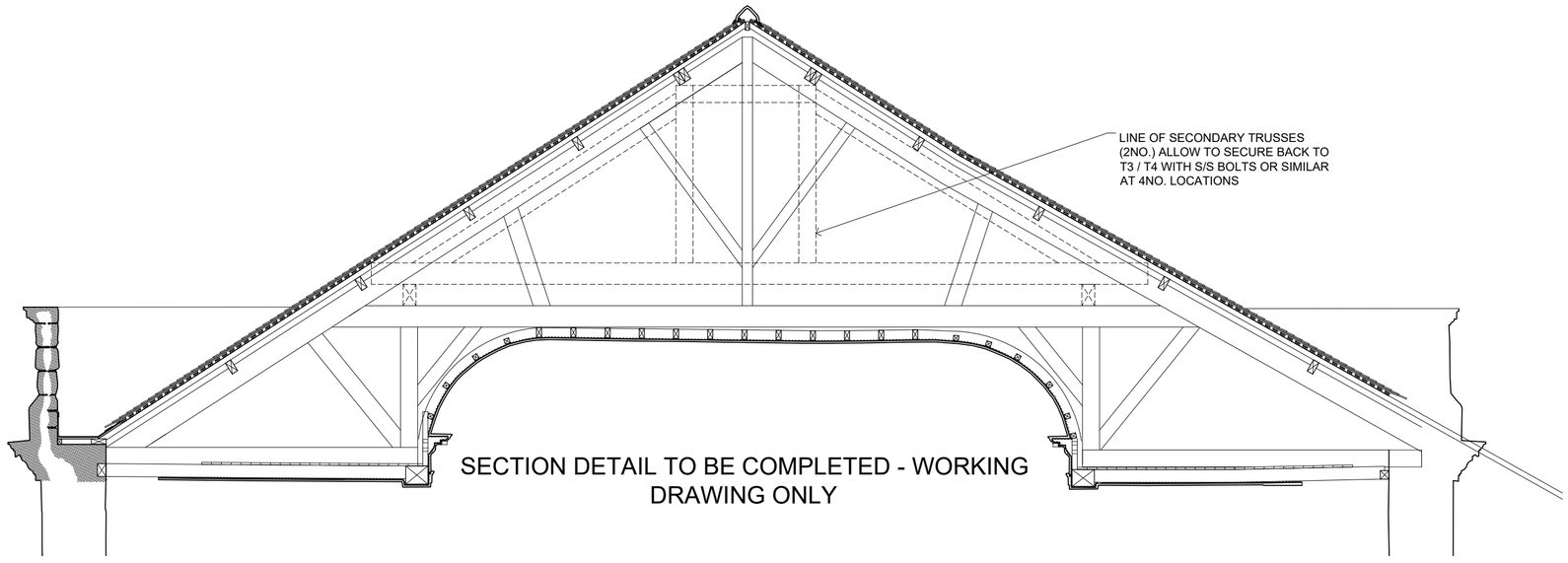


ROOF STRUCTURE 1:100

TIMBER REPAIR ALLOWANCES TO MAIN ROOF

- APPROX 150 EXISTING RAFTERS: ALLOW FOR 75 NEW SIDE ALONG RAFTER REPAIRS FROM EAVES SUPPORT TO FIRST PURLIN
- RAFTER WALL PLATE: ALLOW FOR FULL REPLACEMENT ALONG BOTH NORTH AND SOUTH WALES RESIN BOLTED DOWN INTO WALL HEAD. ALLOW FOR RECONSTRUCTION OF SAY 200MM DEPTH OF MASONRY BENEATH WITH LIME MORTAR
- APPROX 50 PURLINS: ALLOW FOR 10NO. SPLICE REPAIRS TO ENDS AND 10NO. NEW PURLIN SECTIONS BETWEEN TRUSS SUPPORTS
- 4NO. TRUSSES: ALLOW FOR REMOVAL OF EXISTING FERROUS METAL BRACKETS AND SECONDARY STEEL STRENGTHENING TO ALL TRUSSES. ALLOW FOR 4NO. SPLICE REPAIRS TO BEARING AT SOUTH END OF TRUSSES AND REPLACEMENT OF 5NO. SECTIONS OF EXISTING TIMBER WITH NEW KILN DRIED OAK UP TO 200X300MM SECTION AND UP TO 3M IN LENGTH.
- ALL WORKS TO ALLOW FOR LOCALISED DECONSTRUCTION OF MASONRY AND CONSOLIDATION FOLLOWING REPAIRS WHERE NEEDED
- ALL WORKS TO ALLOW FOR TEMPORARY PROPPING AND SUPPORT AS NEEDED TO COMPLETE REPAIRS
- ALL TIMBER TO BE TREATED WITH BAT FRIENDLY WOODWORM TREATMENT

EXISTING STRUCTURE (FROM PHOTOGRAPHS) APPEARS TO CONSIST OF AN ARRAY OF TIMBER ROOF JOISTS SUPPORTED FROM THE MAIN TIMBER BEAM THAT RUNS N/S ACROSS THE APSE. HOWEVER THE ROOF FORM SUGGESTS A SECONDARY LAYER OF STRUCTURE TO FORM THE TWO ROOF SLOPES VISIBLE EXTERNALLY. ALLOW TO FULLY REMOVE LEAD WORK AND UPPER LAYER OF STRUCTURE. ALLOW 8NO. SPLICE REPAIRS TO ORIGINAL ROOF JOISTS, RE-SECURE ALL CONNECTIONS WITH S/S SCREWS AND INCLUDE 10NO. ADDITIONAL NOGGINS. FORM NEW ROOF STRUCTURE IN TREATED TIMBER TO ADEQUATE FALLS ABOVE WITH NEW SARKING. NEW LEAD ROOF WITH BATTEN ROLLS AND VENTILATED CONSTRUCTION OVER



INDICATIVE ROOF STRUCTURE SECTION 1:50

GENERAL NOTES

- ROOF STRUCTURE TO BE INSULATED AT CEILING LEVEL. ALLOW FOR 300MM OF INSULATION ROLL ACROSS CEILINGS. SEE SEPARATE DRAWING FOR ADDITIONAL SUPPORTS TO CEILING STRUCTURE TO ACCOMMODATE ADDITIONAL LOADING

NOTES

1 DO NOT SCALE FROM THIS DRAWING

2 This drawing is the copyright of Mosedale Gillatt.

3 All dimensions to be verified on site prior to any shop or site works being commenced.

4 Any discrepancies to be reported to the Architect BEFORE any work is put in hand.

5 This drawing is to be read in conjunction with relevant consultant's and specialist's drawings.

6 This drawing must be read in conjunction with the following drawings:

-
-
-

Revisions:

rev. date details

? mm.yyyy
Revision notes

DRAFT
NOT FORMAL ISSUE
05.06.23

MOSEDALE GILLATT ARCHITECTS

Chartered Architects
& Interior Designers

Client:

THE CHURCHES CONSERVATION TRUST

Project:

THE CHAMBER AT ST JOHNS

Title:

EXISTING ROOF STRUCTURE CONDITION

Purpose of issue:

DRAFT

Drawing No:

1059 033

Rev: FIRST ISSUE

Scale: SEE TITLES @ A2

Date: JUNE 2023

Drawn: IH

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