GENERAL NOTES

DO NOT SCALE DIMENSIONS FROM THIS DRAWING

All setting out dimensions relating to any existing structures are to be verified by the contractor on site prior to ordering any materials.

All steel work to be min. grade S275JR

Internal steelwork is to have the following protective treatment: Blast clean SA2.5 Zinc phosphate primer - 70 microns. Topcoat to clients requirements.

All bolts to be grade 8.8 for steel to steel connections and minimum grade 4.6 for timber to timber and timber to steel connections. Provide 50mm square washers to timber faces and round washers to suit steel.

All welds to be 6mm fillet welds unless noted otherwise.

CONSTRUCTION (Design & Management) REGULATIONS 2015:
Griffiths and Taylor Ltd. in this instance is not fulfilling the role of principal designer and is responsible for the structural design of the elements included on this drawing only. The structural design has been carried out with the due consideration for safety during construction, occupation and maintenance of the finished structure.

The following advice is to highlight some of the potential hazards during construction and to provide suggested sequencing of the works for particular operations. The main contractor should provide a full sequence/method statement for the job as a whole including other site risks and is responsible for maintaining stability of the works during construction at all stages.

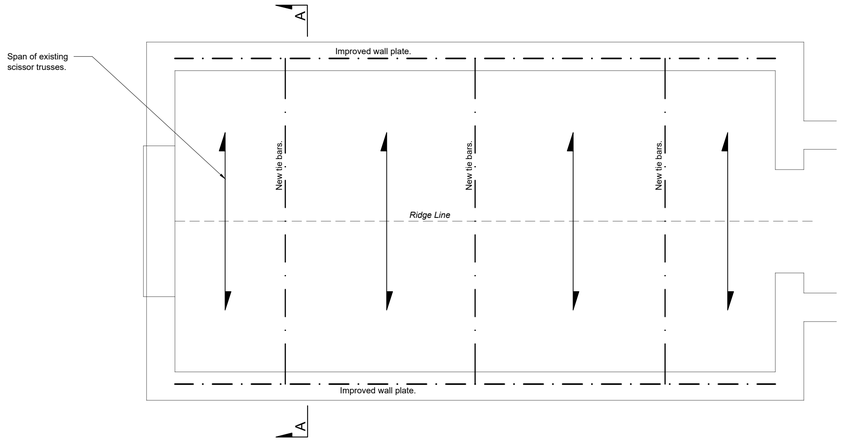
This information should be included as part or commencement of the health and safety file for the job.

POTENTIAL STRUCTURAL HAZARDS IDENTIFIED DURING DESIGN.

Installing new steelwork: Unit weights to be calculated and lifting & assembly operations planned accordingly.

Working at height:
Construction phase H&S plan to include details of safe temporary working platforms and safe operational procedures (including any specific personal safety equipment for these aspects of works.

Please contact G&T Ltd if further advice regarding temporary or permanent works is required.



Part Ground Floor Plan Of Chapel
Showing Roof Structure Over @ 1:50

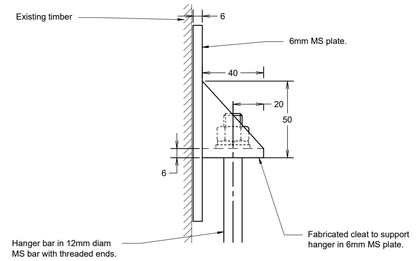
Note:

Provide new steel tie bars as detailed to both the chapel and the workshop areas.
The lean-to roofs and the linking structure between the chapel and the workshop were not noted to have significant roof spread, tie bars are therefore not required to these sections. Stripping and repair are required to all areas of roof.

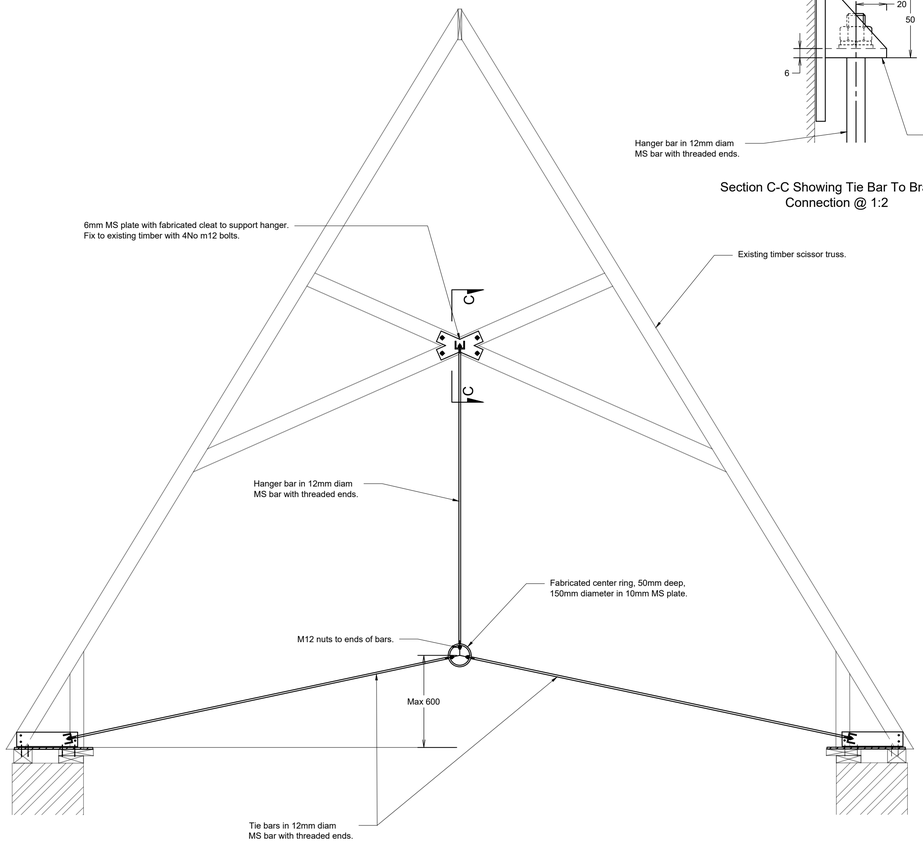
General Repairs & Stripping of Roof:

1. Provide tie bars as detailed to the Chapel & Workshop roofs.
2. Check the existing high level masonry is sound. Make any repairs necessary.
3. Strip existing tiles, battens and felt from entire roof.
4. Sarking board and rafter condition to be assessed when uncovered. It is anticipated that areas of decay will be found.
5. Repair or replace any rafter with greater than 25mm deep decay to top side (it is not anticipated that this will apply many rafters).
6. Provide new 12mm sarking board (WBP plywood) over the existing sarking boards fixed through to the rafters beneath (fix with 3.0mm diam wire nails, min 70mm long at 150mm crs on perimeter, 300mm crs internal).
   The original sarking board is now not required structurally and can have cosmetic repairs made as required.
7. Provide Min 25 x 38 treated counter battens at a spacing to match the existing rafters.
8. Provide a suitable roofing felt (ensure compliance with any protected species requirements).
9. Provide treated battens, size and spacing to suit existing plain tiles.
10. After tiling ensure all verges, valleys and other junctions are made appropriately watertight.

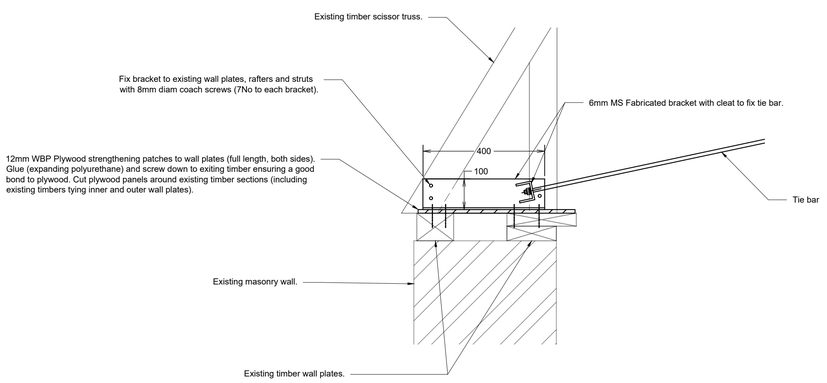
Plan Detail Of Wall Plate Strengthening
And New Tie Bars @ 1:10



Section C-C Showing Tie Bar To Bracket
Connection @ 1:2



Section A-A Showing New Tie Bar
Arrangement @ 1:20



Detail From Section A-A Showing New
Tie Bar Fixing To Wall Plate @ 1:10

Rev.	Date	Details

In the event of any queries please contact:
James Griffiths CEng MICE

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Title Diss Cemetery Chapel
Proposed Roof Strengthening And Repairs.
Structural Details

For N. Maney & M. Smith

Job No.	Drg. No.	Date	Scale	Rev.
20-111	D1	21/05/21	1:50, 1:20, 1:10 & 1:2 @ A1	0