

Proposed Section B-B (1:50).

TIMBER NOTES

1) The base Specification for structural timber roofs shall be BS5268 'Structural Use of Timber'.

2) All timber shall be factory treated in accordance with BS5268 'Code of Practice for the Preservation Treatment of Structural Timber'. Such treatment shall not be detrimental to any fixings in contact with timber members.

3) All timber fixings shall be in accordance with BS5268.

4) All temporary works, bracing, propping etc shall be designed by the Principle Contractor or their Specialist Sub-Contractor and submitted to the Engineer for their

5) Refer to the Architect for fire protection requirements.

NOTES

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Dimensions must not be scaled from this drawing. The Contractor is to check and verify all building and site dimensions before work is put in hand.

This drawing must be read and checked against any Architects or other specialists drawings.

The Contractor is to check and verify with all Statutory Authorities and the Employer the location and condition of any underground or overhead services

The Contractor shall comply with enactments regulations and working rules relating to safety health and welfare of workpeople.

or confirm that none exist prior to work commencing on site.

STRUCTURAL STEELWORK NOTES

In the absence of a project specific specification the base Specification for structural steelwork shall be BS5950-1:2000 'Structural Use of Steelwork in Building' and the 'National Steelwork Specification' produced by the B.C.S.A.

Structural steelwork to be grade S355 unless noted otherwise.

All reactions (ultimate) shown thus *** are in kN. All moments (ultimate) shown thus ** are in kNm. All beam/column offsets shown thus ** are in mm.

All connections shall have a minimum of 4No bolts and be designed for a minimum 75 kN (ultimate) reaction unless noted otherwise.

All connections (bolted and welded) are to be designed by the Steelwork Contractor in accordance with BS 5950. They shall be based on the indicated reactions or. where relevant, the general structural calculations as prepared by the Engineer.

The minimum specification for bolts shall be 8.8 and zinc plated.

Baseplate and holding down bolts to be designed and detailed by the Steelwork Sub Contractor unless noted otherwise. Baseplates and holding down bolts to be grouted to specification prior to any further loading being imposed upon the frame.

Holding down bolts and washer plates are to be supplied by the Steelwork Sub Contractor unless noted otherwise.

For details of fire protection to steelwork refer to Architect's details.

Design of all temporary works, propping and bracing shall be the responsibility of the Steelwork Sub Contractor.

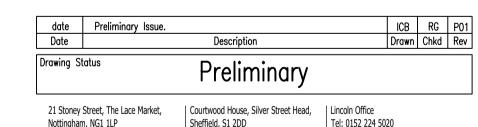
The Steelwork Sub Contractor shall not form any holes through steel members other than those for connections without the written approval of the Engineer.

Where disimiliar steels are to be connected a suitable isolating material shall be incorporated.

All steelwork receiving timber wallplates, bearers etc. are to be pre-drilled with 12mm dia. holes at 450mm staggered centres (900mm pitch on line).

Unless otherwise noted in the project specific specification, protection treatment of steelwork shall be in accordance with British Steels 'Prevention of Corrosion of Structural Steelwork' appropriate system. A minimum structural life of 50 years and a first major maintenance of 15 years is to be assumed. Unless otherwise noted all exposed external steelwork shall be galvanised.

The Steelwork Sub Contractor is to ensure that any shop or site applied primers are compatible with any finishing, intumescent or R.I.W. coatings which may be applied by the Principle Contractor.



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Proposed Roof Strengthening Works

Feb 2023 J145-CHG-00-RF-DR-S-3001

Do not scale