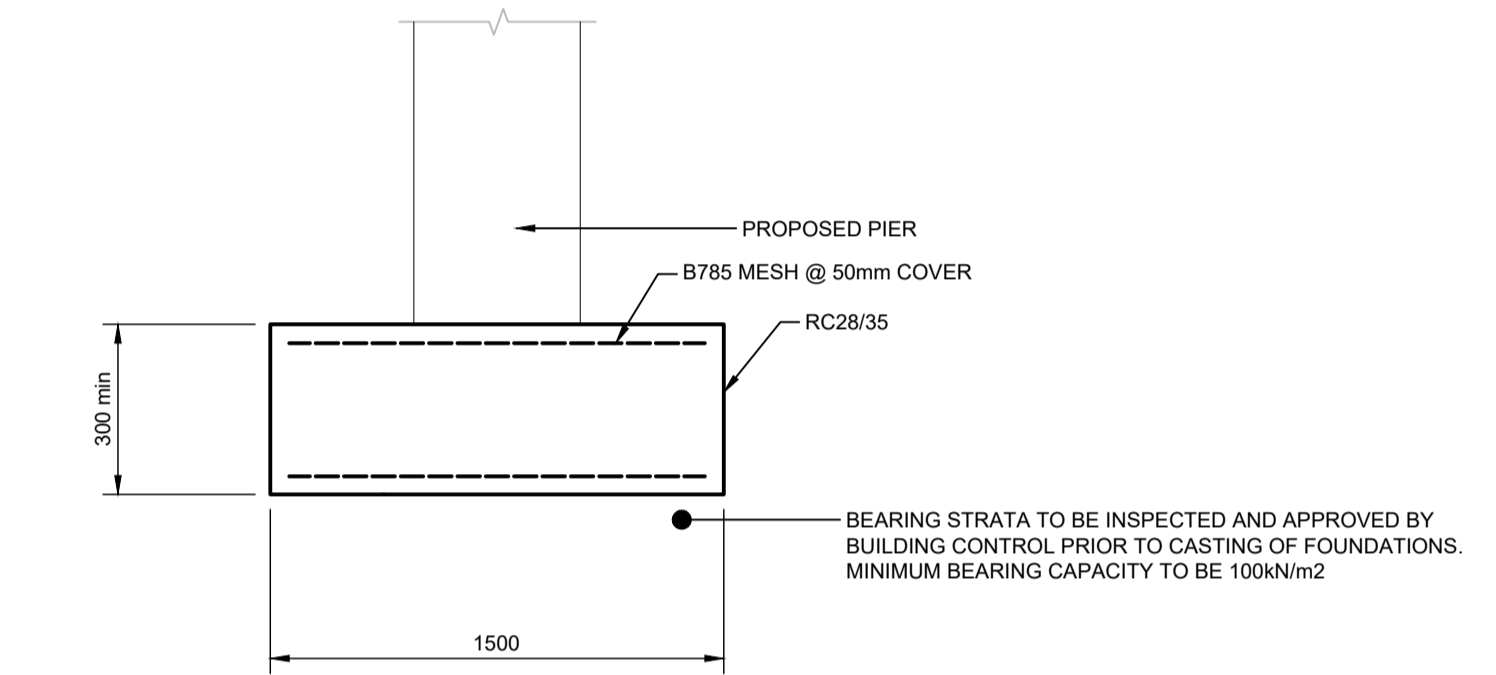
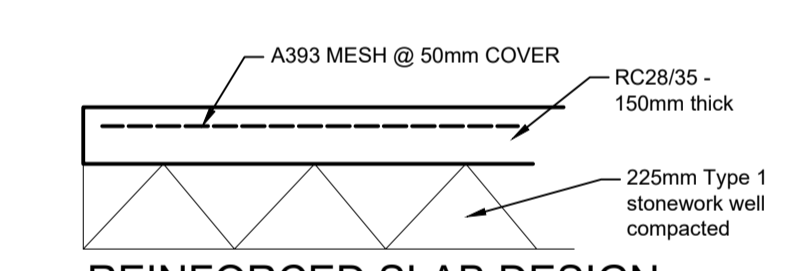


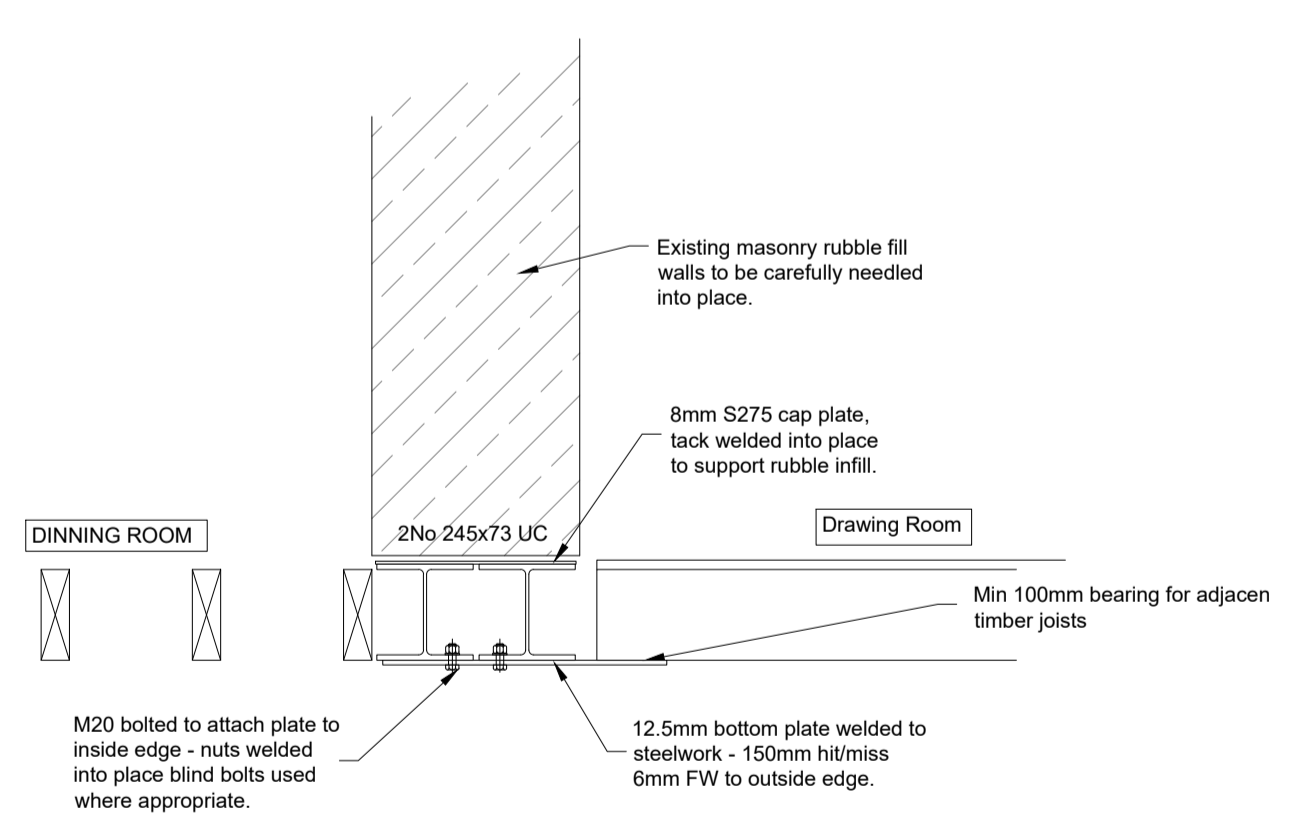
TYPICAL BRICKWORK PIER DETAIL
SCALE NTS



REINFORCED STRIP FOOTING
SCALE 1:20



REINFORCED SLAB DESIGN
SCALE 1:20



STEELWORK SUPPORT DETAIL
SCALE 1:20

- GENERAL
- G01. This drawing is copyright and the property of Bell Munro Consulting Ltd. The drawing must not be reproduced in part or in whole without prior written authority.
 - G02. This drawing must not be scaled by either contractors or other consultants any dimensional or setting-out discrepancies are to be reported to Bell Munro Consulting prior to construction / fabrication commencing.
 - G03. This drawing is to be read in conjunction with all relevant Engineers and Architects information.
 - G04. Where not stated elsewhere, the minimum standards to be adopted are those given in BS 8000 and the Building Regulations Approved Document A.
 - G06. Refer to drawings by others for: Masonry setting out Fire protection Stack locations / service penetrations DPM / insulation / finishes details
 - G07. Propping system to be to contractor's design & details & to be reviewed by BMC prior to commencing works
 - G08. All temporary works drawing, calculations and method statements to be submitted to Bell Munro Consulting for review prior to works commencing
 - G09. Allowance to be made for hand dug excavations in vicinity of existing drainage and for all temporary support and protection of existing services as necessary
 - G10. The contractor is responsible for ensuring that the area to be excavated is free from any services or structures that may be adversely affected by the works
 - G11. It is the contractor's responsibility to provide a suitable working surface that will provide a support for the ground floor slab
 - G12. Adjoining property owner to be notified under the Party Wall Act 1996 and to provide agreement to construction of part of new foundations / works on their land.

- HAZARD IDENTIFICATION - GENERAL
- HG01. This structure is designed to be self-supporting and stable after the building is fully completed. It is the Contractor's responsibility to determine the erection procedure and sequence and ensure that the building and its components are safe in the temporary condition.
 - HG02. Service holes, chases and other openings shall not be cut through the floors without consultation with the precast manufacturer and BMC.
 - HG03. Strapping between floors and wall is required to limit disproportional collapse in accordance with the Building Regulations. Refer also to BMC details.
 - HG04. All internal partitions, other than those shown, are assumed to be lightweight studwork
- STRUCTURAL STEELWORK
- S02. It is the responsibility of the steelwork fabricator to obtain any necessary site dimensions required.
 - S03. All steelwork to be grade S355 minimum
 - S04. Steelwork to be in accordance with BS EN 1991-1-1, Table 3.1. Execution class EXC2 in accordance with BS EN 1090-2, Annex A.3.
 - S09. After erection on site all damaged areas to be manually cleaned back to a sound surface and repainted with a primer and other coats as noted above or an equivalent approved by the Engineer. In the case of galvanising the steel is to be painted with an appropriate number of coats of zinc rich paint to give the equivalent specified thickness.
 - S12. See steelwork fabricators drawings for details and positions of holding down bolts.
 - S13. Roof and side cladding (type as specified by architect) to be provided with all necessary fixings, filler pieces etc. and to be fixed strictly in accordance with the manufacturer's instructions.
 - S14. Purins and rails to be installed in accordance manufacturers recommendations.
 - S15. Principles of steel member setting out are as follows:
Columns and beams to be centred on grid UNO.
Intermediate beams to be positioned centrally between beams UNO.
Slab edge 150mm off beam centreline UNO.

HEALTH & SAFETY RISKS ⚠

IN ADDITION TO THE STANDARD HAZARDS AND RISKS NORMALLY ASSOCIATED WITH THE TYPE OF WORK DETAILED ON THIS DRAWING, PLEASE NOTE THE FOLLOWING RESIDUAL HEALTH AND SAFETY RISKS

CONSTRUCTION RISKS

- CR 01 STABILITY OF PROPOSED STRUCTURE DURING CONSTRUCTION IN TEMPORARY CASE TO BE CONSIDERED AT ALL STAGES. CONTRACTOR TO ENSURE THAT TWC IS IN PLACE WITH THE FOLLOWING AREAS NOT BEING WITHIN THE FOLLOWING AREA NOT BEING WITHIN THE FOLLOWING
- CR 02 SITE SURVEY TO BE CARRIED OUT BY CONTRACTOR INCLUDING HAZARDOUS MATERIALS SURVEY
- CR 03 EXISTING SERVICES TO BE TRACED TO CONFIRM LOCATION PRIOR TO COMMENCEMENT.
- CR 04 CONTRACTOR TO ENSURE THAT EXISTING LOAD BEARING WALLS ARE NOT TO BE UNDERMINED DURING CONSTRUCTION, WITH ALL WORKS TO BE CORRECTLY SEQUENCED TO NOT COMPROMISE STABILITY

OPERATION & MAINTENANCE RISKS

- MR 01

DEMOLITION RISKS

- DR 01 STABILITY OF EXISTING WALLS DURING CONSTRUCTION - CONTRACTOR TO ENSURE THAT EXISTING WALLS WITH POTENTIAL RUBBLE FILL ARE SUITABLY SUPPORTED AT ALL TIMES.
- DR 02 CONTRACTOR TO ENSURE THAT THE LATERAL STABILITY OF MASONRY WALLS DURING THE REMOVAL OF FLOORS IS MAINTAINED AT ALL TIMES.

IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT CONTRACTOR WORKING IN ACCORDANCE WITH THE REQUIREMENTS DEFINED IN THE CDM REGULATIONS.

Rev	Date	Description	By	Check	App
P4	09.03.23	REPLACEMENT JOIST SPECIFICATION ADDED	DA	DA	AB
P3	31.01.23	LAYOUT ADJUSTED AND STEELWORK PLATE ADDED	DA	DA	AB
P2	12.08.22	FOUNDATION DETAILS ADDED	DA	DA	AB
P1	09.08.22	PRELIMINARY ISSUE	DA	DA	AB

BMC

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Project: **OAKWOOD HALL**

Office: **NEWCASTLE-UPON-TYNE**

Title: **BASEMENT FLOOR PLAN SHOWING STRUCTURE OVER**

Drawn	DA	Date	31.01.23
Checked	DA	Scale @ A1	1:50
Approved	AB	Status	S4 - PRELIMINARY

Job Number	Drawing Number	Revision
180-22	005	P04

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