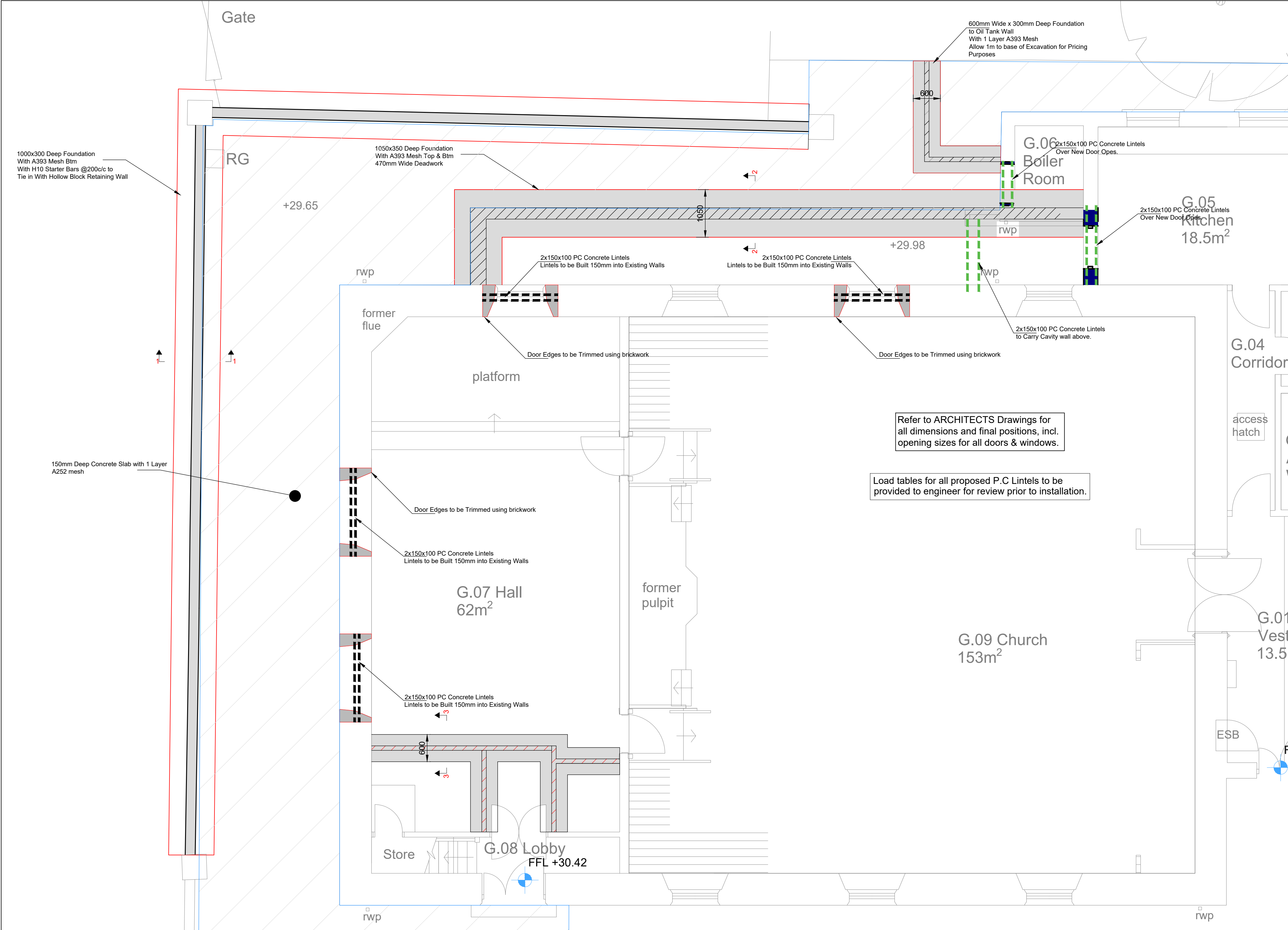
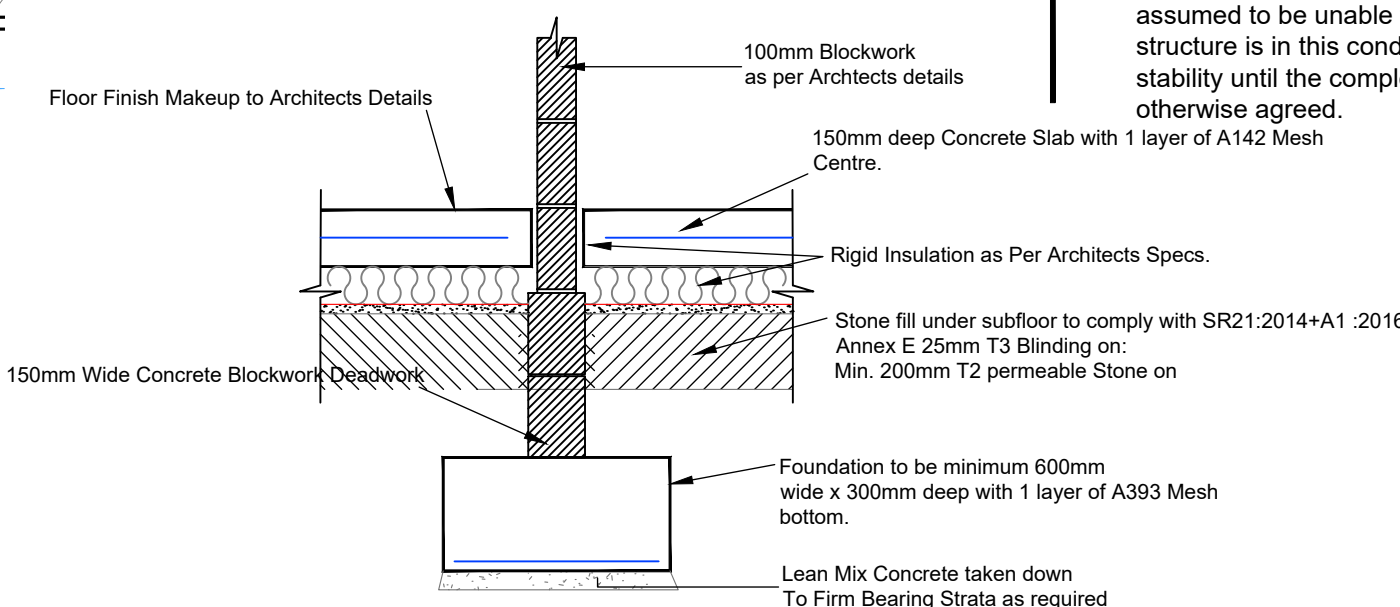




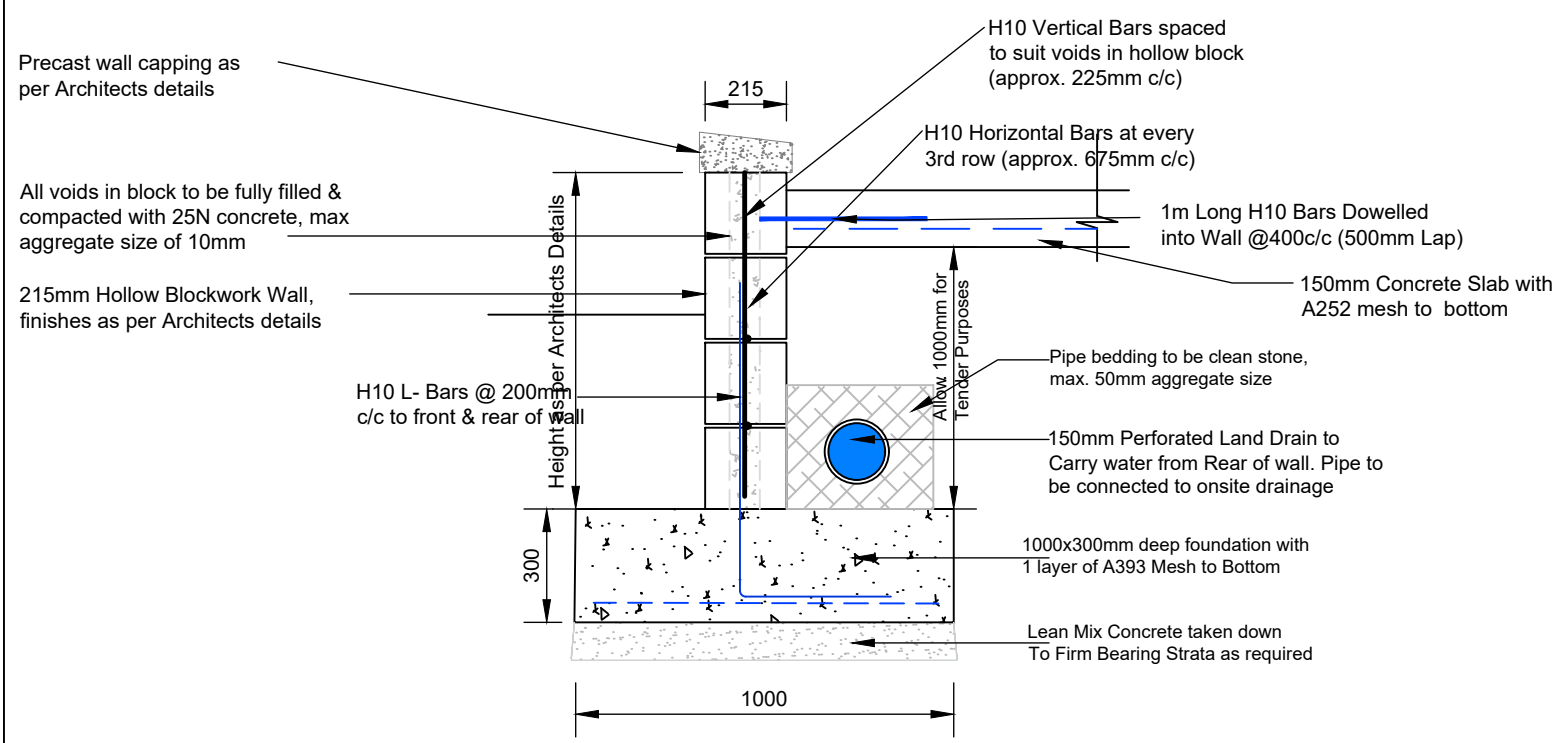
- Concrete Notes:**
- Foundation concrete to be Grade C28/35, XS-1 to I.S. EN 206-18 with min. cement content 280kg/m³ and maximum free water: cement ratio 0.60, maximum aggregate size to be 20mm.
 - Bar Reinforcement is to be High Yield deformed type 2 to BS4449, bent in accordance with BS4466, and held in the position shown using spacer blocks of concrete of equivalent grade to that shown.
 - Mesh reinforcement is to be in accordance with BS4483, bent in accordance with BS4466. Laps in mesh are to be minimum 400mm in both directions and are to be staggered.
 - Concrete cover is to be as follows:
Structural Element:
BOTTOM 35mm
TOP 35mm
SIDES 35mm
- Structural Element in contact with ground:
BOTTOM 50mm
TOP 50mm
SIDES 50mm
- Laps in reinforcement are to be not less than 50 bar diameters.
 - Laps in mesh reinforcement are to be minimum:
400mm along main direction
400mm along secondary direction
 - Spacers to Contractor design are to be used to maintain mesh in the position shown.
 - All Waterstops & Sealants to be installed to manufacturers specifications
 - Formation Level to be inspection by competent person
 - All Waterstops & Sealants to be installed to manufacturers specifications and by suitably qualified person.
 - All reinforcement to be inspected by engineer prior to pouring concrete.
 - Contractor to check all drawings and schedules prior to fabrication.

All Fabricated Structural Steelwork must be CE Marked in accordance with BS EN 1090-1 and BS EN 1090-2

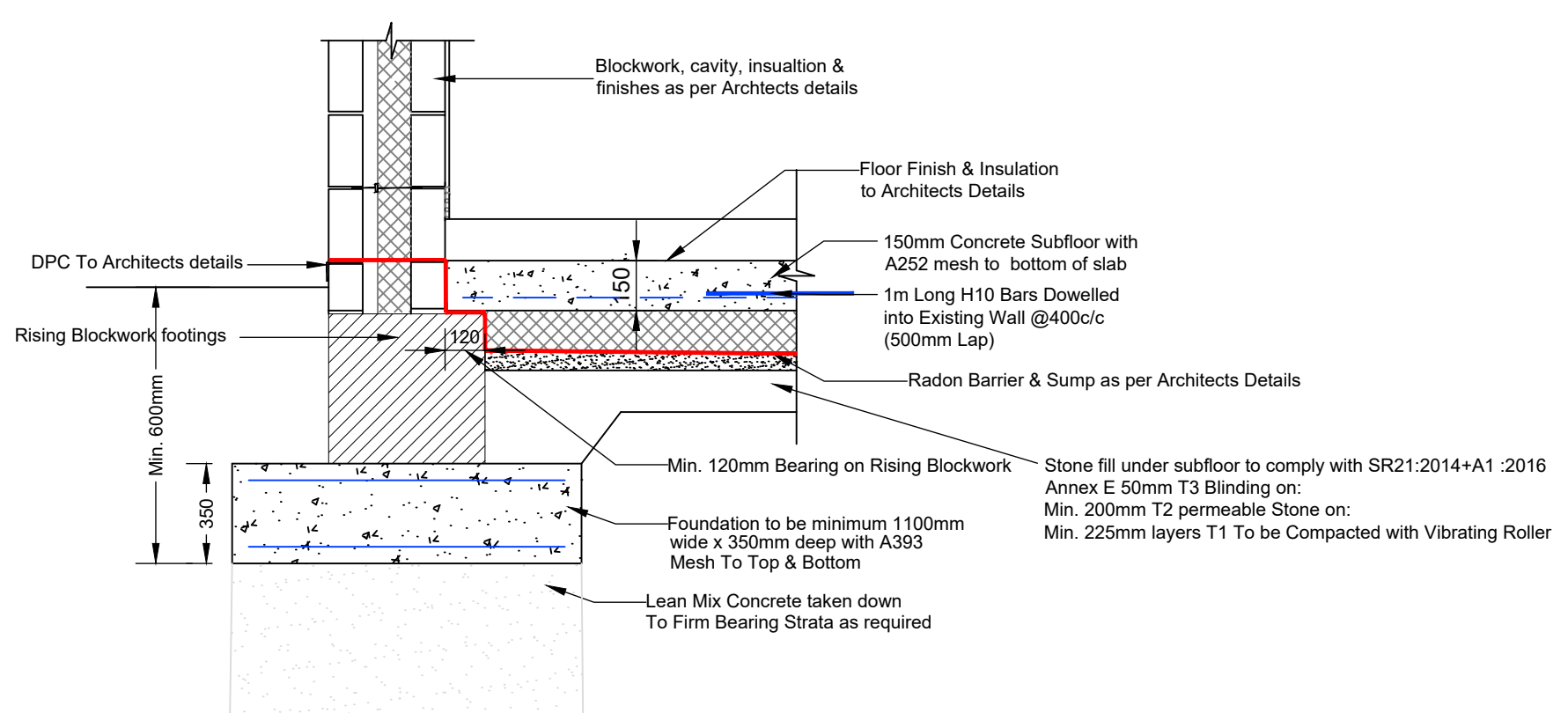
Foundations are Provisional only, Subject to Engineers Inspection of Excavations



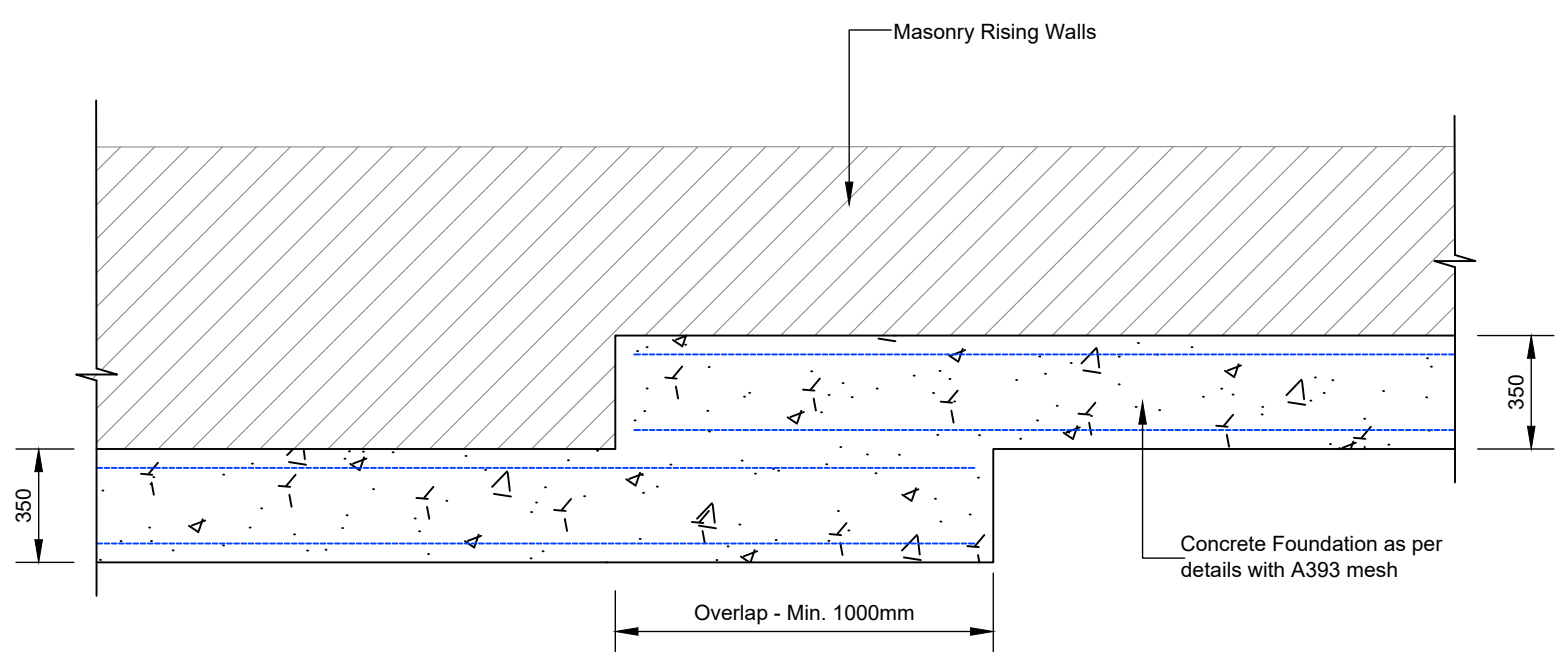
SECTION 3-3: INTERNAL FOUNDATION DETAIL
SCALE 1:20



SECTION 1-1: External Boundary Wall Detail at Raised Area
Scale 1:20



SECTION 2-2: EXTERNAL FOUNDATION DETAIL
SCALE 1:20



TYPICAL STEPPED FOUNDATION DETAIL
SCALE 1:20

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NOTES

THIS DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS & SPECIFICATIONS

FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING. ALL DIMENSIONS TO BE CHECKED ON SITE. ENGINEER TO BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES BEFORE WORK PROCEEDS.

- Steelwork Notes:**
- All Steelwork to be in accordance with the National Structural Steelwork Specification (N.S.S.S.)
 - All Steelwork to be to I.S. EN 1993-1-1:2005
 - Steelwork to be Grade S355 to BS EN 10025 Unless Noted Otherwise.
 - All Bolts to be grade 8.8.
 - All External bolts, nuts & washers to be stainless steel with EPDM isolating washers.
 - Fire Protection of steelwork to Architects Details
 - Internal Steelwork to be shot blasted to SA.2.5 and Painted with two coats of Zinc Phosphate Primer to a minimum dry film thickness of 75microns.
 - External Steelwork to be shot blasted to SA.2.5 and hot dip galvanised to 140microns.
 - All steel beams supported by masonry walls shall bear on to 400x100x215Dp mass concrete padstone with a minimum 150mm bearing
 - All steelwork and other products to have appropriate CE marking.

- General Notes:**
- External Walls which do not support slabs should be strapped too floors at first floor level at intervals not exceeding 2.0m by 30mmx5.0mm galvanised straps.
 - Gable walls to be strapped to roofs at max 2.0m centers using 30mmx5.0mm galvanised straps.
 - Wall plates to be strapped at eaves level with 1.0m long 30mm x 5mm galvanised straps at max 2.0m centers.
 - Lintels to be 150mm Deep prestressed Concrete or similar approved. Spec sheets of all lintels to be supplied to Engineer prior to manufacture.
 - Wall Blockwork to be fixed to columns using shot fired ties or similar approved.

- Structural Timber:**
- All Timber to be strength class C16 U.N.O. and shall comply with IS EN 1995-1-1:2005.
 - All timbers in contact with external walls to be treated with coloured timber preservative.
 - No notching or drilling of structural timber members can be made without prior approval of the Engineer.

- Blockwork Stability:**
- Blockwork Walls Shall be Propped During Construction to Ensure Stability at all stages of Construction.
 - Blockwork walls Shall Remain propped until completion of construction of: All returns & intersecting walls connected to the wall, all band beams connected to the wall, all structural members connected to the wall and all associated supporting structure, or as otherwise advised.
 - Internal blockwork walls constructed prior to the completion of the external envelope of the building (including the closure of all openings exceeding 3.5sq.m. for a single opening & 10% of the area of any elevation for multiple openings) shall be assumed to be unable to withstand wind loading while the structure is in this condition and shall be propped to ensure stability until the completion of the external envelope or as otherwise agreed.

Rev.	Amendments	Date	By	Chkd.
A	Issued for Tender	22.06.2026	B.O'B.	

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Client

MILFORD & DISTRICT RESOURCE CENTRE

Project

PROPOSED WORKS TO GALLOWGLASS COMMUNITY CENTRE, MILFORD, CO. DONEGAL.

Title

PHASE 2 STRUCTURAL DETAILS

Architect:

DEDALUS ARCHITECTURE

Job no	Drawing no	Rev	Issue
1990	1990/T01/002	A	TENDER
Scale	Drawn by	Checked	Date
1:50, 1:20	R.B.	B.O'B.	April, 2026