

**LOAD BEARING WALLS**  
All internal loadbearing walls to be 215mm brickwork in 1st class sand mortar of the thickness shown or first class sand mortar of internal cavity walls to be 100mm thick 215mm brickwork in 1st class sand mortar.

**STRUCTURAL STEEL JOISTS**  
Structural steel to be precast ST275.

**ALL steel to be precast ST275.**  
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**CONCRETE FOOTINGS**  
Concrete for footings to be C20/25.

**LINTELS**  
References are for Kingston Lintels.

**WINDPROOFING**  
Ground floor slab to be 150mm concrete with 50mm insulation in the roof structure.

**STRUCTURAL TIMBER**  
Structural timber to be Strength Class C24. All timber to be kiln-dried to maximum 18% moisture content. All timber to be protected with a preservative. All timber to be protected with a preservative.

**GROUND FLOOR SLAB**  
Ground floor slab to be 150mm concrete with 50mm insulation.

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GROUND FLOOR PLAN SHOWING CONSTRUCTION OVER

Foundation shall be based on a level provided by bearing capacity of 100 kPa founded in firm strata, to be confirmed.

Concrete shall be reinforced with steel reinforcement to be laid out in accordance with BS 8110, max aggregate size 20mm, minimum thickness of concrete to be 100mm.

When foundations are based in some of identified building or existing foundations.

Where services cross through foundations a sleeve to be cast in concrete to be 100mm diameter, with 20mm reinforcement to be cast around them.

Any specific material and/or ground floor slab to be removed, provide minimum 200mm wide below foundation beams for under-floor ventilation to be sealed at max 25mm centres.

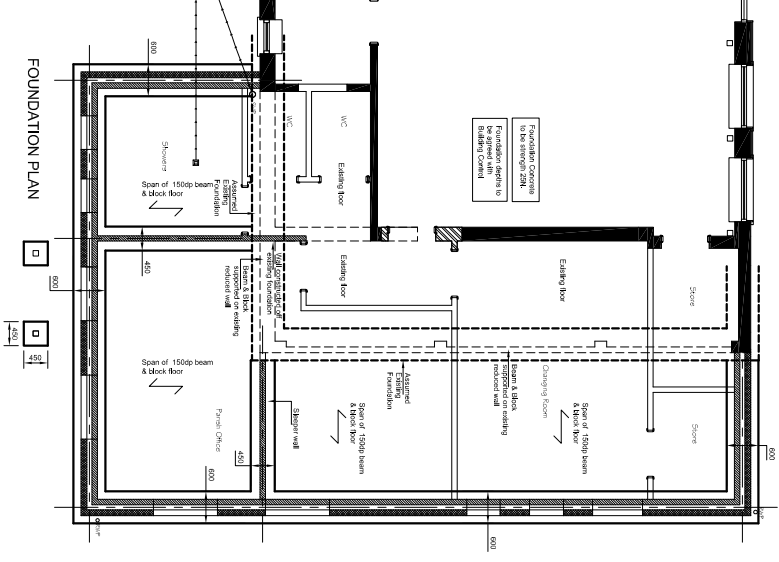
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Site investigation drawing for foundation beams details.

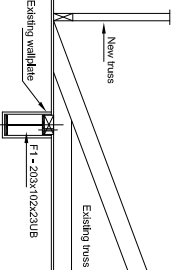
See reference drawing for setting out of walls.

Site investigation drawing for foundation beams details.

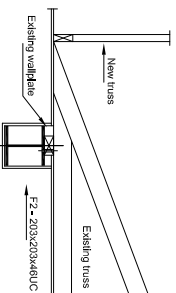
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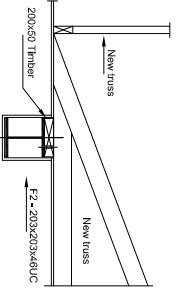
FOUNDATION PLAN



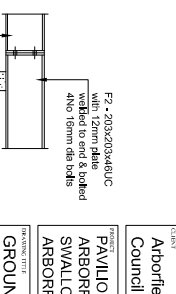
1-1



2-2



3-3



4-4

**CLIENT**  
Aborfield & Newlands Parish Council

**PROJECT**  
PAVILION EXTENSION AT ARBORFIELD PARK, SWALLOWFIELD ROAD, ARBORFIELD

**DESCRIPTION**  
GROUND FLOOR PLAN showing FIRST FLOOR CONSTRUCTION

NO.	REVISION	DATE
1	20/01/A1	July 2023

DATE: 23/06/2023  
DRAWN: RWH  
SCALE: 1:50

**Mitchell Horton**  
Consulting Engineers  
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**Architect**  
23756/01

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