

All mortars for the blockwork to be of the nominal mixes shown below and shall comply with the strength requirements given. The Engineer may require strength tests of the mortar. All preparation and testing shall be as BS 4551 (1970). The proportion of the constituents to the mortar shall be within the limits of the nominal mixes given in Table 3.

Table 3 MORTAR MIX (volume)			
	Cement	Lime	Sand
Cement Mortar	1	0 - 1/4	3
Composition Mortar	1	5 - 6	

NB Sulphate Resisting Cement to be used below DPC Level.
 The sand for mortar is to comply with BS 1200 Table 1 and obtained from a source approved by the Engineer.

CARPENTRY
 Softwood is to be defined in BS 881 and 589.
 All structural timber shall be plain sawn and in accordance with BS 5268: Part 2: 1984.
 All structural timber shall be strength class C16 to BS 5268: Part 2: 1984.
 Timber shall be free from sap, large loose or dead knots, wane edges and other defects and is to be properly seasoned. All timber is to be free from decay and insect attack. All timber shall be "Tanalised" and shall be vacuum pressure impregnated in accordance with BS 5268: Part 5: 1977 by an approved firm with "Tanalith" or other equal and approved preservative to a dry salt retention (net) of 4 kg per m of timber. All surfaces cut after impregnation shall be liberally swabbed with Enseple preservative in strict accordance with the manufacturer's printed instructions. The Contractor shall produce a certificate of treatment to cover all timbers processed.

The Contractor will be held responsible for the stability and protection of the existing walls, floors, ceilings, roofs and any other part of the existing and adjacent properties which are not specified to be removed, and will be liable for their replacement or repair to an equal standard, to the satisfaction of the Client.

EXCAVATING AND FILLING
 Before beginning any excavation the Contractor must ensure that he has located any live services in the neighbourhood of the intended excavation.

ADJACENT EXISTING FOUNDATIONS: No excavation within 3m of an existing foundation is to be taken below the level of the existing foundation unless a method statement has been agreed in writing with the client and Building Control officer. Excavations shall be carried out to the lengths, widths and depths shown on the drawings. The method of excavation should be to the approval of the Engineer. The Building Inspector shall be given the opportunity of examining all excavations, filling and hardcore before they are completed or covered up. The Contractor shall give at least 24 hours notice of when excavations will be ready for inspection. If a good foundation is not obtained at the level shown, the client is to be informed. No concrete is to be laid until the bearing strata has been approved. Excavations shall not be left exposed longer than necessary in order to avoid deterioration from the weather or other causes, and if necessary they should be protected. In clay formations the excavations shall not be left exposed for more than 24 hours. If the formation deteriorates it shall be cleaned out and reformed to the Engineer's satisfaction before any concrete is placed.

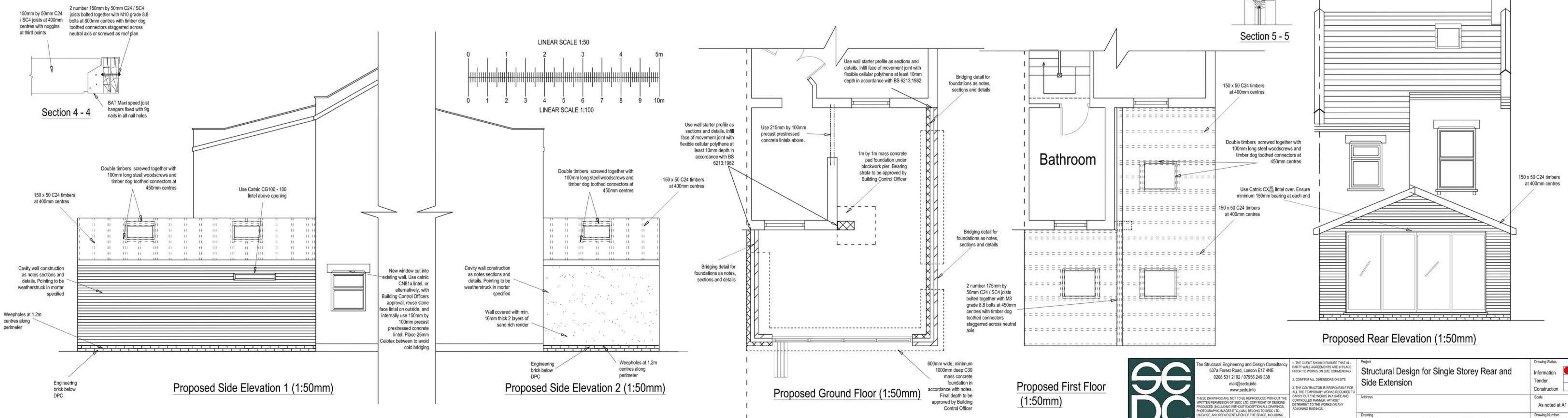
The Engineer is to be informed immediately if any significant change in strata occurs at formation level.

READY-MIXED CONCRETE must be used for all concrete and must be obtained from a plant which holds current certification meeting the requirements of the NACC, Category 2 for product conformity. Each mix must be obtained from only one source unless otherwise approved. Confirm name and address of depot(s) to Engineer before any concrete is delivered. Retain all delivery notes for inspection.

The cement shall be Portland Cement class 42.5 to BS 12.

The coarse aggregate shall comply with BS 882 and have a maximum size of 20mm. Aggregates shall not contain hollow shells. The shell content shall not exceed 5% by weight as determined by the method specified in GLC Development and Materials Bulletin No. 16 June 1988.

During cold weather the Contractor shall ensure that the concrete has a minimum temperature of 40 degrees F when placed and he shall take all necessary measures to ensure that the temperature of the placed concrete will not fall below 40 degrees F for the specified curing period.



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1. THE CLIENT SHOULD ENSURE THAT ALL PARTY WALL AGREEMENTS ARE IN PLACE PRIOR TO WORKING ON SITE COMMENCING.
 2. CONFIRM ALL DIMENSIONS ON SITE.
 3. THE CONTRACTOR IS RESPONSIBLE FOR ALL THE TEMPORARY WORKS REQUIRED TO CARRY OUT THE WORKS IN A SAFE AND CONTROLLED MANNER, WITHOUT INTERFERENCE TO THE WORKS OF ANY ADJACENT BUILDING.

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Project
Structural Design for Single Storey Rear and Side Extension

Address

Drawing
Existing, Proposed, Notes and Details

Drawing Status
 Information
 Tender
 Construction
 Scale
 As noted at A1
 Drawing Number
2023/S01