

GENERAL

1. On project drawings, SE abbreviates to Structural Engineer.
2. Read this drawing in conjunction with all relevant project drawings & specifications.
3. **Dimensions:** Given dimensions are indicative & for guidance purposes only. It will be the Principal Contractor's responsibility to verify them and report any significant discrepancy. Steelwork fabrication is to accord to adopted construction dimensions.
4. Site work to be carried out in accordance with the current Building Regulations and amendments thereto, and relevant Codes of Practice.
5. Specified project information is based upon information available at time of survey without any structure exposed. Any discrepancies discovered during work should be reported to the designer before continuing.
6. Specialized and proprietary items are to be installed in strict accordance with the manufacturer's instructions.
7. **Subcontractors:** The Principal Contractor shall be responsible for coordinating and checking all work by any appointed subcontractors.

8. **Existing Structure** including foundations, beams, walls, lintels carrying new or altered loads are to be exposed and checked for defects & adequacy prior to commencement and as required by Building Control Officer and Structural Engineer.

EXTERNAL CAVITY WALL SPECIFICATION ABOVE DPC. Target

U=0.28. Adopted U=0.24 (Mortar 1:1:6)

External Finish - 2 Coat sand/cement render.

Outer leaf - 100 Wide medium dense aggregate concrete blocks.

Cavity Width - 100 Wide Rockwool Full-Fill Cavity Batts.

Cavity Insulation - 100 Thick .

Inner leaf - 100 Wide Thermalite Turbo blocks by Hanson (or similar approved) with internal light weight plaster.

CAVITY WALL TIES - 225mm long stainless steel Staifix RT2 General Purpose wall ties by Ancon spaced 450 vertically / 750 horizontally. Ties at reveals to be 225 vertical ctrs & within 225 horizontal distance. A minimum of 50mm embedment of wall ties required in each leaf.

Cavity walls to be tied with proprietary wall starter strips at abutments with existing walls. For 'partial fill' insulation (if applicable), provide insulation

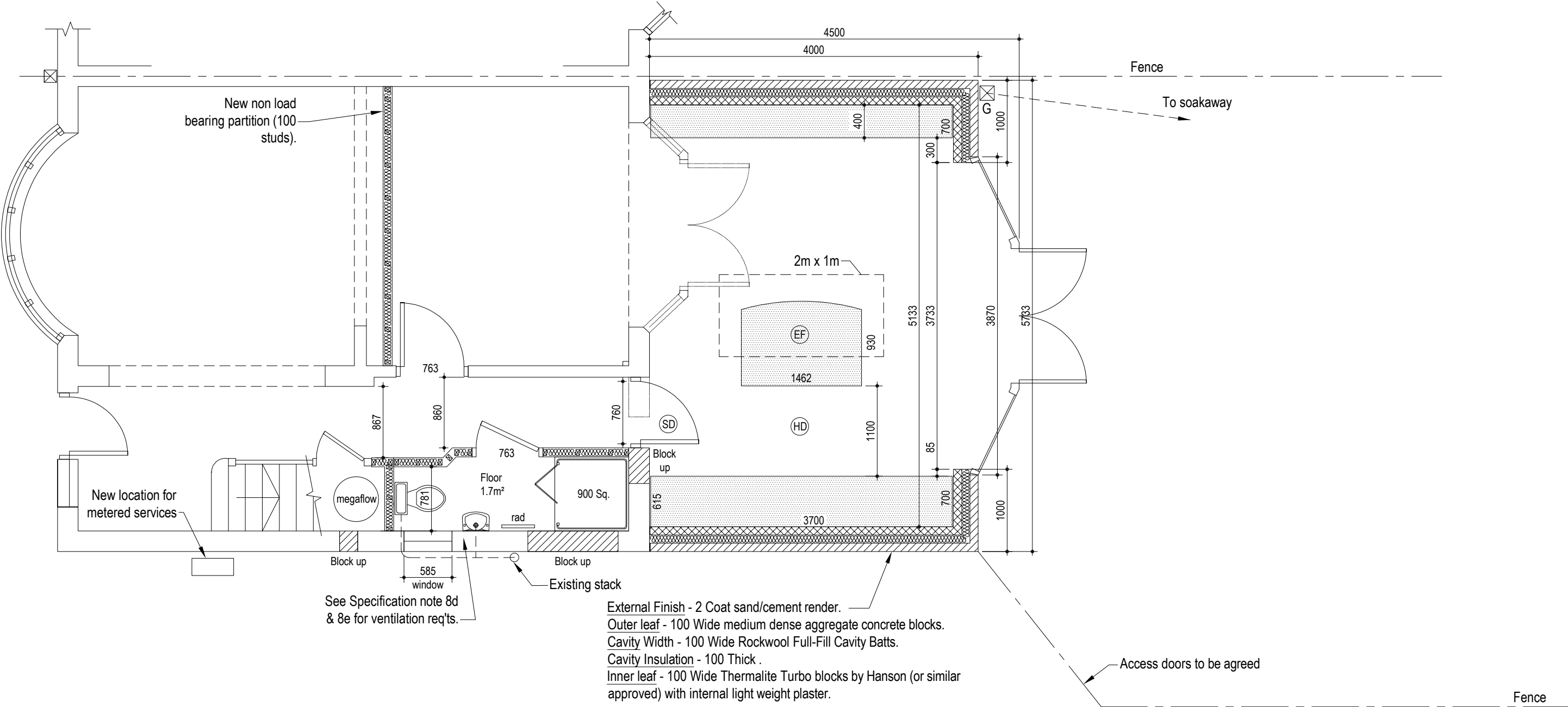
retainer fitted to ties (Insulation in contact with inner leaf).

HEATING - Allow redundant rads to be removed and services capped as req'd. Extend existing heating pipe work as req'd. Radiators: Agree size, type and location at start of construction.

ELECTRICAL WORK - is to meet requirements of part 'P' and be designed, installed, inspected, tested & certificated by a person competent to do so.

LIGHTING & POWER SUPPLY - To be agreed with client

1. **HOB EXTRACT FAN** - Position subject to finalizing kitchen layout - refer to separate specification sheet. (EF)- Extract Fan
2. **HEAT DETECTOR** - Position subject to finalizing kitchen layout - refer to separate specification sheet. (HD)- Heat Detector
3. **SMOKE DETECTOR** - Agree position with Building Control. (SD)- Smoke Detector



notes. 1. This drawing to be read in conjunction with remaining Engineer's & Architect's project drawings & specifications.
2. The Contractor must check all levels & dimensions on site and report any discrepancies found.
3. Works are to be to the satisfaction of the Local Authority, statutory bodies & in accordance with current Building Regulations and Codes of Practice.

project. **Rear Ground Floor Extension**
67 Colbrook Ave Hayes Middx. UB3 1TQ

title. **Proposed Ground Floor Plan**

rev.			
date.	02-03-2020	drawing no.	20-3/5
scale.	As noted at A3		
issue.			
by	Iatinder Tamrat	m: 07810 370470	email: iatinder.t@outlook.com