

This set of drawings has been produced to seek Planning and/or Full Plans Building Regulation consent only (to determine whether construction is permitted to start), and does not represent a detailed specification. The drawings are not to be used for a Building Notice application. It is expected the proposals are to be constructed using tried and tested methods and techniques by a suitably competent and experienced contractor who is knowledgeable of the construction details not included on these plans. The Contractor will also employ appropriately qualified staff familiar with this type of work and the site-wide construction risks. All works are to be carried out in accordance with Building Regulations, and according to Regulation 7; in a workmanlike manner using materials complying to relevant British Standards, BBA Agreement Certificates, Product Certification of Schemes, manufacturer instructions, and show relevant CE markings.

Any work carried out prior to the receipt of Planning and Full Plans Building Regulations approvals is undertaken at the owner's risk and may be subject to alteration or removal, as requested by the Local Authority.

No internal or external finishes were removed in preparation of plans, therefore, Contractor to check accuracy and adequacy of existing structure and foundations to receive proposed works as shown upon commencement of any excavation or removal of existing finishes.

No manhole covers were lifted prior to construction, therefore, Contractor to determine location of all services prior to starting work on site (and to arrange any necessary approvals that may be required as a result of the proposals).

Contractor to check all dimensions on site before commencement of works. Any errors, ambiguities, contradictions or omissions on the drawings to be reported to S Biddle Ltd.

Any assumptions stated on the drawings (including direction of existing floor joists or other elements of the structure) to be checked by Contractor prior to commencement of works. Any changes to be reported to S Biddle Ltd.

Existing foundations, beams and lintels, subject to additional loading, are to be exposed on site, prior to commencement of works, to ensure they are suitable to receive the additional loading. Contractor to ensure they are inspected to the satisfaction of the visiting Building Surveyor and replaced, upgraded or underpinned as necessary.

All specialist manufacturers should take site measurements for elements such as windows, doors, stairs, kitchen units and balconies.

Contractor to notify Building Control at all relevant stages of construction for inspection. This should include commencement, all interim stages and completion of works. Completion certificate to be obtained from Building Control at the end of the contract for handover to client.

New structural steel connection details to be determined by the Contractor's appointed steel fabricator/supplier

CDM REGULATIONS 2015. Contractor to comply with the CDM Regulations as Principal Contractor, including addressing the risks of manual handling, access, dust, glazing, temporary supports, cutting of services, falls from heights etc.

Contractor responsible for all necessary temporary support and Personal Protective Equipment to ensure the safety of all personnel working at the site and to others at risk of being impacted by site activities. In particular when working at height, excavating foundations (whether services are present or not) and when lifting heavy loads.

The Homeowner/Client shall ensure the Contractor is fully aware of any other known risks associated with the site.

PUBLIC SEWERS AND OTHER SERVICES. It is the homeowner's responsibility to determine whether there are any public sewers or manholes (typically owned by Thames Water) on the property and to advise S Biddle Ltd accordingly as the position of sewers or manholes could have a significant impact on the final design if they cannot be moved. Any 'Build-over Agreement' required for building within 3m or over a public sewer is the responsibility of the homeowner to secure from Thames Water. It is also the homeowner's responsibility to contact any other utility services (water, gas, electricity) where the utilities are suspected of crossing the site and to notify their Contractor accordingly.

PARTY WALL ACT 1996 The owner has a duty to serve a Party Structure Notice on an adjoining owner prior to the commencement of work if building on, or near an existing Party Wall which involves any of the following: Beam support, insertion of DPC, raising a wall or removing projections, demolition and rebuilding, underpinning or insertion of lead flashings, excavations within 3 metres of a neighbouring structure with shallower foundations, or within 6 metres of a neighbouring structure where the new foundations are to be substantially deeper.

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Client	Mr A. Mahmood			
Address	40 Buccaneer Close, Woodley, Reading RG5 4XP			
Drwg No	MAHMOOD-0725-01			Scale: (A2) 1:50
Title	PROPOSED GROUND FLOOR PLAN			
1m		2m		3m
4m				

COLUMN A:
203 x 203 x 46UC
with 20mm thick MS end plates continuously welded to each end, bolted to underside of new steel beam above, and to concrete pad foundation below (see detail on 'Proposed Section A-A').

New pad foundation to be at least 1.2x1.2m, 15mm deep (min) assuming medium shrinkage soil, but at least to level of existing adjacent buildings and invert level of all drains passing within 1m of new works. Layer of A393 mesh spaced 75mm from the bottom with concrete spacer blocks

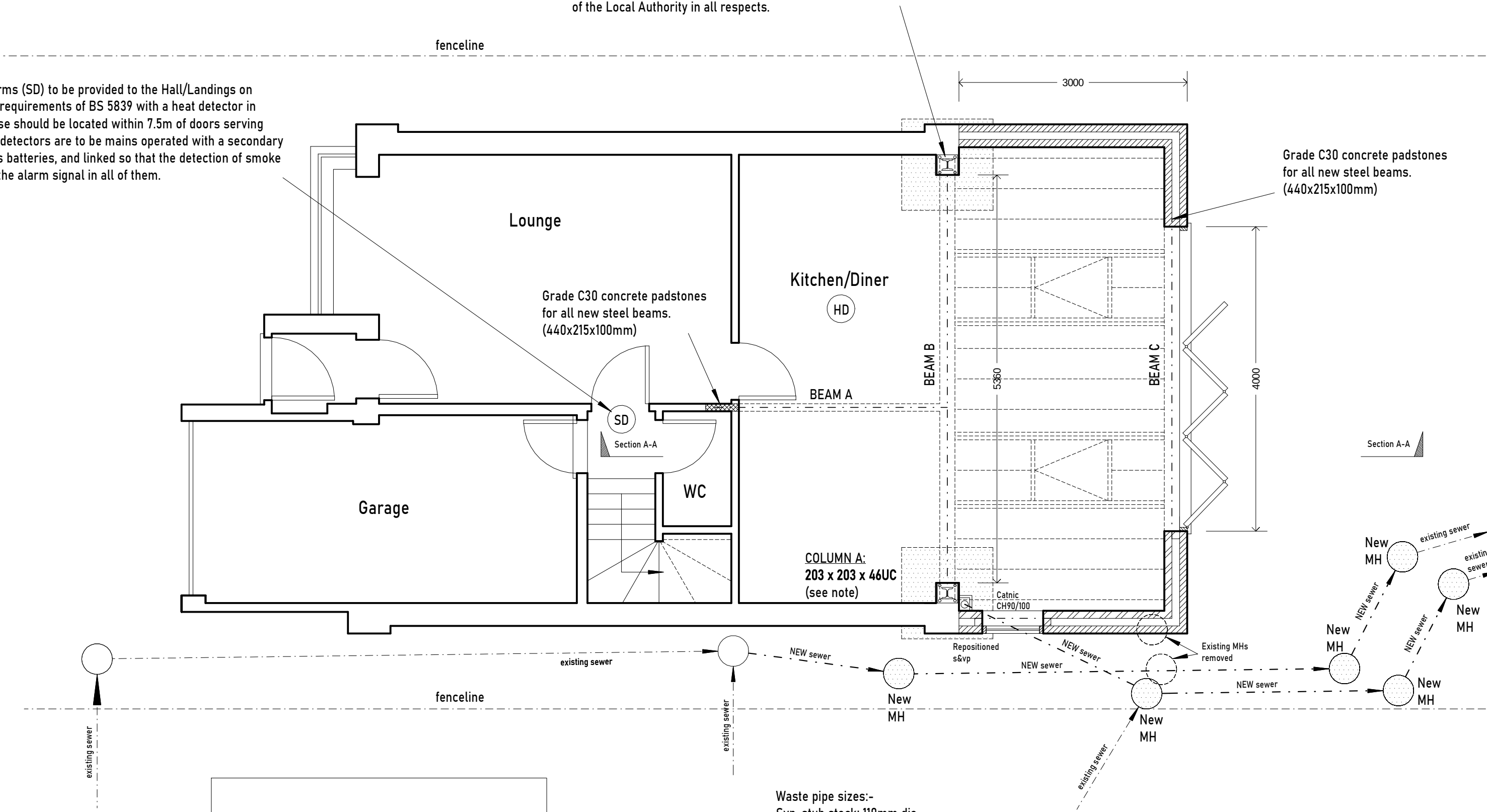
Depending upon subsoil conditions, the foundations may need to be in excess of 1m deep in accordance with NHBC practice note 4.2. Foundations may also require a Ground Investigation Report (GIR) and/or additional structural design (by specialists) in accordance with recognised guidelines for building close to trees or should high shrinkage sub-soils be encountered.

Heave protection required for all foundations more than 1.5m deep. 150 x 100mm r.c. lintel to be provided to each wall skin at point of any pipe crossing.

Contractor to ensure all necessary temporary support, edge guarding and Personal Protective Equipment is provided to ensure the safety of all people at risk from this activity.

Notwithstanding the representation on the drawings, the foundations are to meet the requirements of the Local Authority in all respects.

Smoke detectors/alarms (SD) to be provided to the Hall/Landings on each level as per the requirements of BS 5839 with a heat detector in the Kitchen (HD). These should be located within 7.5m of doors serving habitable rooms. The detectors are to be mains operated with a secondary power supply, such as batteries, and linked so that the detection of smoke by one unit operates the alarm signal in all of them.



BEAM SCHEDULE

BEAM A: across kitchen ceiling
178 x 102 x 19UB

BEAM B: supporting first floor rear wall
203 x 203 x 86UC
with 10mm steel plate welded to top flange to support full width of cavity wall above (if required)

BEAM C: across bifold door
152 x 152 x 23UC
with 10mm steel plate welded to underside to support outer bricks and door assembly

Waste pipe sizes:-
Svp, stub stack: 110mm dia
W.C. & branches: 110mm dia. (fall 18-90mm/m)
Kitchen sink, basin/bath/shwr (<1.7mm run) 32mm dia. (fall 18-22mm/m)
Kitchen sink, basin/bath/shwr (1.7-3.0m run) 40mm dia. (fall 18-90mm/m)
Kitchen sink, basin/bath/shwr (3.0m-4.0m run) 50mm dia. (fall 18-90mm/m)

All sanitaryware to have min. 75mm deep seal traps. All sanitary pipework and building drainage to comply generally with BS5572 & BS8301 and Building Regulations Approved Document H1.

All underground drainage to generally comply with Building Regulations Approved Document H2.

All pipework in PVCu with patent joint/seals. Svp's to terminate 1m (min) above highest window opening with durable cage. Stub stack to terminate above level of highest waste trap connected to it.

All drains formed in 110mm dia. PVCu pipework (BS 4660 & BS5481) laid to min. 1:60 fall bedded in pea shingle to BS 882:1983 Table 4 or BS 8301:1985 Appendix D. All joints to be flexible.

Revision				