

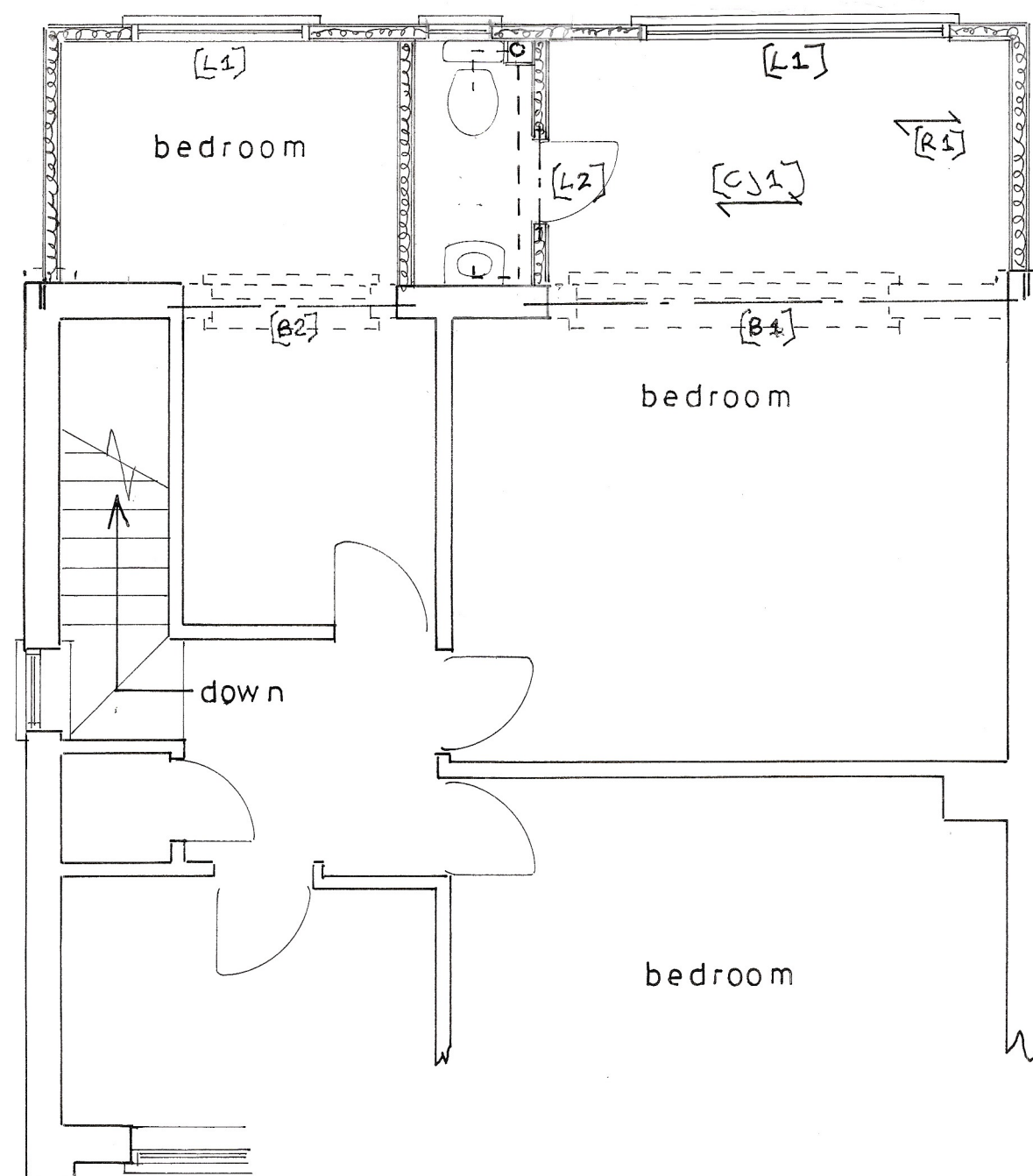


south

east

north

1 : 100



1st floor plan

1 : 50

Proposed

PROPOSED TWO STOREY EXTENSION AT 61, QUEENS FIELDS WEST, WEST MEADS
FOR MR. & MRS. M. HARDING.

- [R1] 100 x 50mm C.16 rafters @ 400mm c/c.
- [CJ1] 170 x 50mm C.16 ceiling joists @ 400mm c/c.
- [L1] Min. 2No 125 x 50mm C.16 timbers spiked together bearing on 2No studs spiked together.
- [L1] Min. 2No 100 x 50mm C.16 timbers spiked together bearing on 2No studs spiked together.
- [F1] Min. 125 x 50mm C.16 floor joists @ 400mm c/c.
- [B1] 178 x 102 x UB19 bearing on 225 x 100 x 12mm thick m.s. plates.
- [B2] 127 x 76 x UB13 bearing on 225 x 100 x 12mm thick m.s. plates.
OR
CN5XA 'Catnic' lintel or similar.
- [B3] 2No 150 x 50mm C.16 timbers spiked together and positioned above existing lintel.
- [B4] 152 x 89 x UB16 bearing on 225 x 100 x 12mm thick m.s. plate AND connected to [C1] with 4No M16 bolts through 12mm end plate welded to column.
- [B5] 152 x 89 x UB16 bearing on 225 x 100 x 12mm thick m.s. plate AND connected to [B4] with 2No M16 bolts.
- [B6] 178 x 102 x UB19 with min. 150mm bearing on to 350 x 100 x 150mm deep concrete padstones.
- [B7] 178 x 102 x UB19 with min. 150mm bearing on to 350 x 100 x 150mm deep concrete padstones.
- [C1] 152 x 152 x UC23 connected to [B4] as above AND with 4No M16 holding down bolts into 600 x 600 x min. 300mm thick mass concrete foundation. Column to be fully galvanised.

BEAMS TO BE INSTALLED AS PER SEPARATE STRUCTURAL CALCULATION SHEETS WITH ALL DETAILS AND BEAM SIZES DOUBLE CHECKED.

INSTALLATION OF BEAMS TO BE INSPECTED BY BUILDING CONTROL OFFICER.

BEAMS TO BE INSTALLED TO HEALTH AND SAFETY STANDARDS WITH ADEQUATE SUPPORT PROVIDED TO EXISTING STRUCTURE DURING INSTALLATION.

PHYSICAL ON SITE MEASUREMENTS TO BE TAKEN PRIOR TO ORDERING OR FABRICATION OF BEAMS.

INSTALLATION OF BEAMS PRIOR TO FULL LOCAL AUTHORITY APPROVAL [NOT CONDITIONAL] CARRIED OUT AT CLIENTS/BUILDERS RISK.

Class A dense concrete blocks are NOT deemed to be concrete padstones.

sheet 2 c of 3

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