0m 1m 2m 3m 4m 5m 6m

SCALE BAR 1:50 @ A1

Catnic lintel Ref: CX110/100
Insulated stainless steel lintel
with built in damp proof course and
integral plaster key, manufactured and
designed in accordance with BS EN
845-2:2003.
Lintel stop ends to be provided.

GRP ROOFING SYSTEM;
1). Top Coat
2) GRP Layer (2 x 450 csm)
3) Upper Deck - 18mm T & G
4) 126mm Celotex Insulation
5) Vapour Check & Reflective Layer
6) Sub Deck (OSB3 T & G)

50mm x 195mm C16 Flat roof joists @ 400mm c/c
Table 38: Permissable clear spans for joists for flat roofs with access for maintenance & repair only.
Dead load (kN/m2) excluding self weight of joist - More than 0.5 but not more than 0.75,
Imposed load not exceeding 0.75 kN/m2.

TIMBER NOGGINS MID SPAN MINIMUM 38mm THICK

T1 T2 T2 T1

ON 0.8m3 x 0.8m3 x 0.8m3 REINFORCED PADSTONE FOUNDATION

COLUMNS TO BE STRAPPED TO MASONRY WALL

COLUMN 1 BEAM 1 COLUMN 2

BEAM 2

ON 0.8m3 x 0.8m3 x 0.8m3 REINFORCED PADSTONE FOUNDATION

COLUMNS TO BE STRAPPED TO MASONRY WALL

FOR CONNECTION DETAILS REFER TO ATTACHED STRUCTURAL CALCULATIONS

Main Contractors Note:
Due to spans/weights of beams method statements & risk assessments are to be produced for safe delivery and safe installation prior to delivery and installation of steels on site.

200mm (L) x 100mm (W) x 150mm (D)
Reinforced concrete padstone
Existing foundations to be checked for adequacy to support new loadings

T1 = 2 Number 50mm x 195mm C24
T2 = 3 Number 50mm x 195mm C24

Beam 1 = 203 x 203 x 71 UC S275
Beam 2 = 178 x 102 x 19 UB S275
Column 1 = 203 x 203 x 46 UC S275
Column 2 = 203 x 203 x 46 UC S275

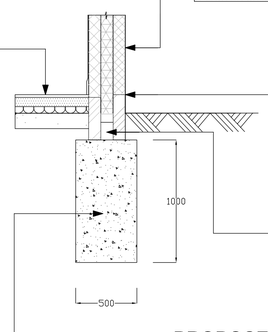
PROPOSED STRUCTURAL ROOF PLAN
SCALE BAR 1:50 @ A1

WALL CONSTRUCTION

CELCON BLOCKWORK RENDERED OUTER SKIN.
100mm FULL FILLED INSULATED CAVITY.
CELCON BLOCKWORK INNER SKIN.
PLASTER SKIM FINISH.

FLOOR CONSTRUCTION

150mm SAND BLINDED HARDCORE
100mm CONCRETE OVERSITE
DPM - POLYTHENE 1200 GAUGE
70.0mm CELOTEX FF 4000
POLYTHENE 500 GAUGE SEPERATING LAYER
65mm FLOOR SCREED
20mm FINISH TO FLOOR



DAMP PROOF COURSE TO BE LAPPED @ LEAST 100mm @ JOINTS AND ADHESIVE SEALED. DPC TO BE CONTINUOS WITH ANY DAMP PROOF MEMBRANE IN THE FLOOR. DPC MATERIAL TO COMPLY WITH BS 743: SPECIFICATION FOR MATERIALS FOR DPC'S.
DPC TO BE AT LEAST 150mm ABOVE EXISTING GROUND LEVEL.

LEAN MIX CAVITY CONCRETE FILL TO BE A MINIMUM OF 225mm BELOW DPC

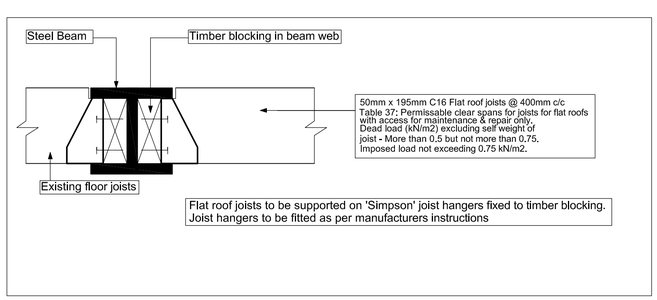
PROPOSED FOUNDATION EXTENSION
& FLOOR CONSTRUCTION
SCALE BAR 1:25 @ A1

Mass concrete Foundation:

Min width to be 500mm, situated centrally under wall.
Min depth 1000mm & but must be below invert levels of any drainage.
Depth must also take into account any trees that may be within 30m and to be in accordance with NHBC chapter 4.2 standards.
Blockwork to dpc level to be constructed with engineering blocks laid with sulphate resistant cement.
Concrete to fill trench to 150mm above ground level.
Steps in the foundation where they occur should overlap by twice the height of the step but not less than 300mm.
Concrete mix to be grade ST1 to BS 5328. Pt 2
Cement to be to BS 12 1989)mix 1:3:6 or grade C 20.



BEAM: 1.



GENERAL NOTES:

THIS DRAWING IS NOT TO BE SCALED, THE MAIN CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORKS WITH ANY DISCREPANCIES REPORTED TO GREENFIELDS ARCHITECTURAL SERVICES AT ONCE.

ANY CONSTRUCTION WORK CARRIED OUT PRIOR TO OBTAINING THE NECESSARY APPROVALS IS ENTIRELY AT THE HOUSEHOLDER/CONTRACTORS RISK.

ALL BUILDING WORK IS TO BE CARRIED OUT TO THE SATISFACTION OF THE LOCAL AUTHORITY AND BUILDING CONTROL OFFICER, AND IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS, AND AS SUCH ANY UNFORESEEN BUILDING WORKS THAT MAY BE REQUIRED ON SITE.

THE MAIN CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR THE SECURITY, STRENGTH AND STABILITY OF THE BUILDING/SITE DURING THE WORKS DURATION.

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REVISION	DESCRIPTION	DATE	BY
A	PLANS REVISED FOLLOWING CLIENTS COMMENTS	20.04.17	BG

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DRAWING TITLE: PROPOSED STRUCTURAL FLOOR PLANS

SITE ADDRESS:171 GROSVENOR CRESCENT, HILLINGDON

SCALE: 1:50 @ A1 | DRAWN BY: BG

DATE: 17.04.17

DRAWING NO: GROSVENOR/03 REVISION A