NOTE:MANUFACTURER'S DETAILS & CALCULATIONS TO BE FORWARDED TO SHDC'S BUILDING CONTROL OFFICER FOR APPROVAL AT LEAST 21 DAYS PRIOR TO FIXING ON SITE

Provide solid blocking at the ends of herringbone strutting and under straps between last joist and wall.

Create new opening to clients requirements via 203 X 203 X 46UC. Beam to have 250 x 100 x 10 thk bearing plates both ends welded to u/side where supported on walls bearing onto minimum 7.0 N/mm² blockwork & 250 x 10 continuous plate on top. Beam to have min. 30mins Fire Resistance

Notch joists neatly into steelwork to allow for timber shrinkage, i.e at least 12mm projection at floor side and at least 2mm at ceiling level.

30x5 m/s anchor straps (S) @ 2m ctrs with solid strutting beneath.Notch straps into minimum 3no. joists and fix with two nails.

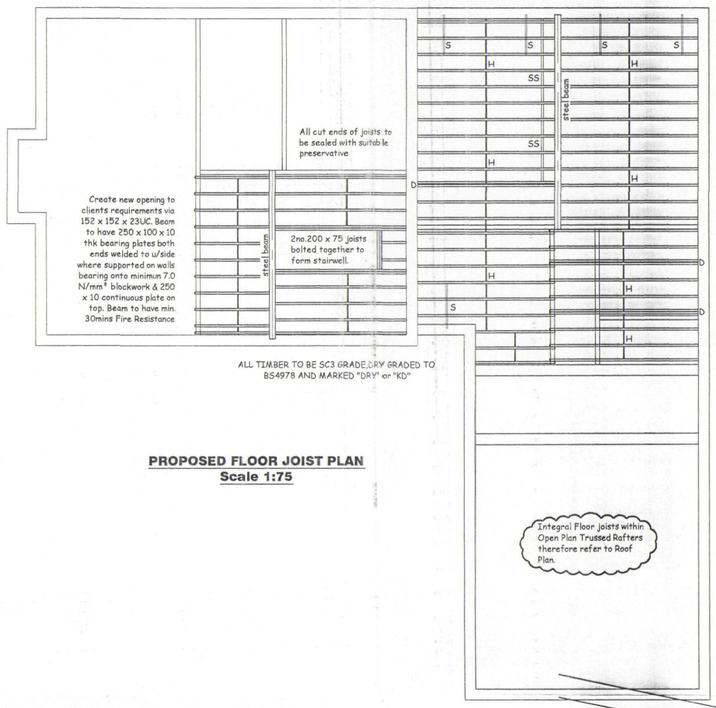
Double up joists (D) underneath studwork wall and solid strutting (SS) req'd where studwork wall runs at right angles to joist span.

Lay 22mm Weyroc Tongue and Grooved flooring grade wood particle boarding or equal approved on top of first floor joists with staggered joints

200x50 joists @ max.400mm ctrs. Solid herringbone strutting @ mid point to spans over 2m. Strutting at third points to span over 4m. Joists to be supported at all junctions with approved Joist Hangers with 75mm min. bearing on masonry and joist.Joist to be cut accurately for a tight fit in hanger with max.6mm gap. Joist bottom to be notched to keep ceiling line level.

Nail overlapping joists together and ensure overhang does not exceed 100mm to limit any cantilever movement.

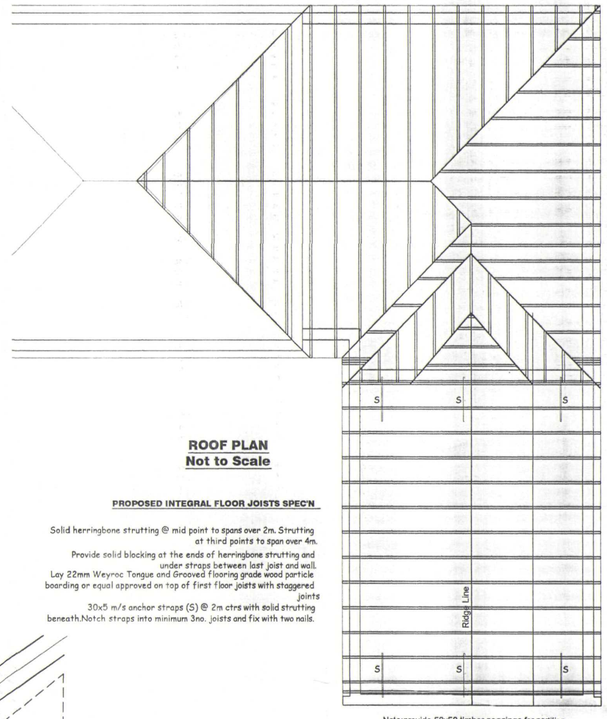
First and last joist to be clear of wall by 25-50mm to eid the installation of services and fixing floor decking.



ALL TIMBER TO BE SC3 GRADE,DRY GRADED TO BS4978 AND MARKED "DRY" or "KD"

PROPOSED FLOOR JOIST PLAN
Scale 1:75

Special diminishing trusses to be built off 100 x 22 valley boards



Note:provide 50x50 timber noggings for partition head fixing and pendant light fixings.position of light fixings to be agreed on site with client.

ROOF PLAN
Not to Scale

PROPOSED INTEGRAL FLOOR JOISTS SPEC'N

Solid herringbone strutting @ mid point to spans over 2m. Strutting at third points to span over 4m.
Provide solid blocking at the ends of herringbone strutting and under straps between last joist and wall.
Lay 22mm Weyroc Tongue and Grooved flooring grade wood particle boarding or equal approved on top of first floor joists with staggered joints
30x5 m/s anchor straps (S) @ 2m ctrs with solid strutting beneath.Notch straps into minimum 3no. joists and fix with two nails.

Soffit and fascia profile to match existing fitted strictly in accordance with manufacturer's recommendations

All bracing left off for clarity.Refer to manufacturers details / latouts for bracing requirements.

ALL TRUSSES TO BE ONE PART ATTIC TRUSSED RAFTERS

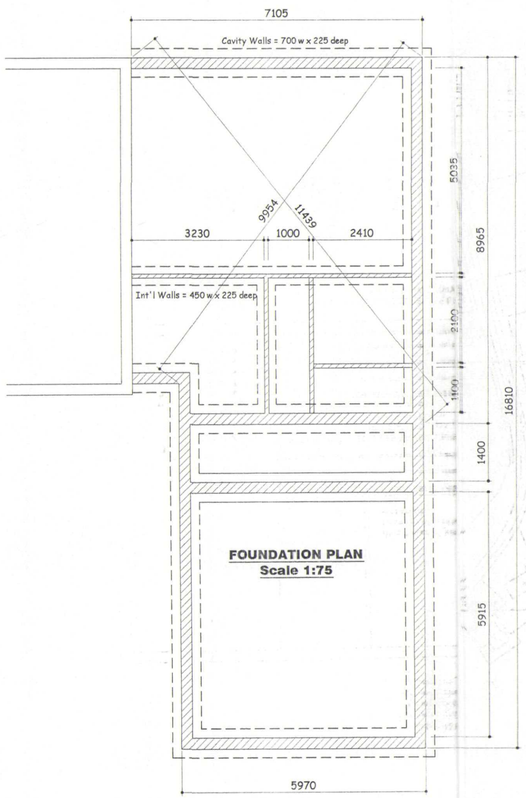
Solid pack void between last rafter and blockwork with mineral fibre insulation.

Pre-fabricated Attic Trusses to be fixed plumb (max. deviation 25mm)at max.600mm ctrs.Roof construction to be designed strictly in accordance with BS5268 Part 3 1985 and to specialist manufacturers design drawings. Calculations to be submitted to the L.A building inspectors approval prior to any materials being placed on order.

All 25X100 diagonal and longitudinal wind bracing,and chevron bracing to be free from all major defects and any weak points and fixed all in accordance with manufacturers details.Lap joints (if required) to be taken over 2no.trusses all in accordance with BS5268 Part 3 - 1985.Bracing to be fixed with 2no. 3.35 x 65mm galvanised round wire nails at each cross over and to be fixed as close to the truss node points as possible

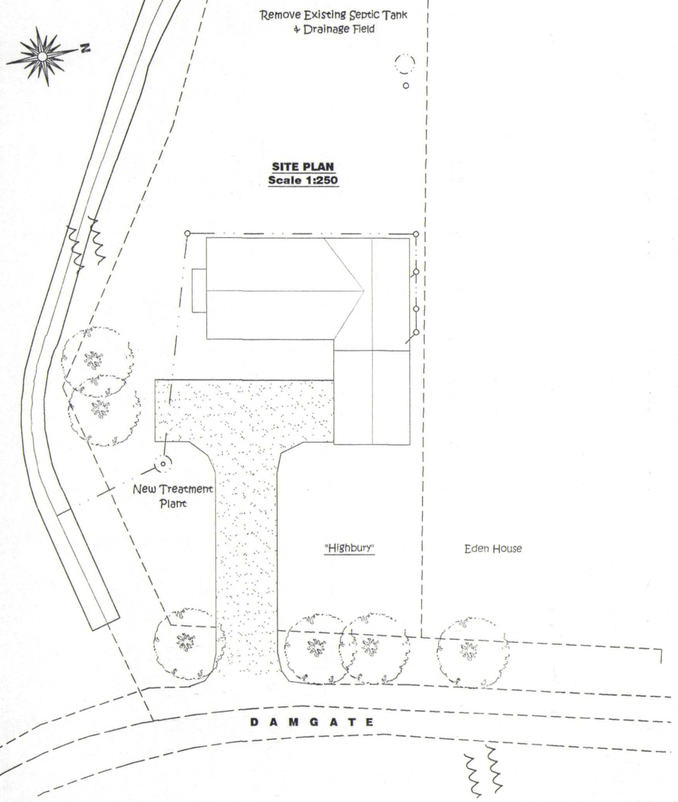
30x5 m/s straps (S) over 3no. trusses at max 2m ctrs to gable ends and ceiling level. At least 1no.gable strap to be within 500mm of ridge.Fit solid noggings to suit truss depth at all strap positions and between end truss and wall face.

Bracing left out for clarity

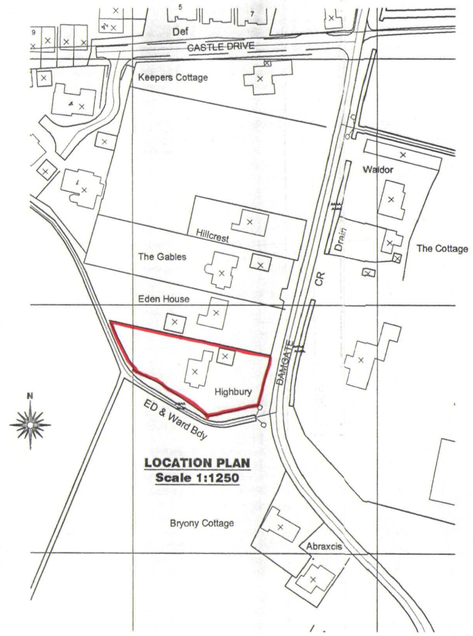


FOUNDATION PLAN
Scale 1:75

The dimensions shown are for checking purposes only as the main setting out points can be obtained from the existing cavity walls.



SITE PLAN
Scale 1:250



LOCATION PLAN
Scale 1:1250

GENERAL CONDITIONS
Contractors are resonsible for checking all dimensions on site when work commences and before ordering any materials.Any discrepancies should be brought to the attention of the Client for remedial action before commencing further.

All details shown are based on typical site conditions for that area, any abnormal conditions should be brought to the attention of the Client and Local Authority.

The notes shown are mainly to cover the requirements of Building Regulations and should not be treated as full specification.

No allowance has been made for any Structural Calculations,a "SAP" calculation, Soil Investigation or Flood Risk Assessment.If deemed necessary then these will be a chargeable extra.All steel beam sizes shown on drawing are all subject to confirmation from Structural Engineer.

All materials not specified to be of a standard suitable for the work proposed and be fit for purpose.All work to be in accordance with good building practise and all necessary BS codes for Workmanship on Building Sites.

REV DESCRIPTION:

remway design
Plans drawn for: Local Authority - Planning permission & Building Control.
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Fax: 01775 768 921
e-mail: jason@remwaydesign.co.uk

Project: Proposed Two Storey Side Extension

Client: Mr D Ford
"Highbury"
Damgate
Holbeach
PE12 8PB

Date: may'03 | DRG No: DF.03 | REV: