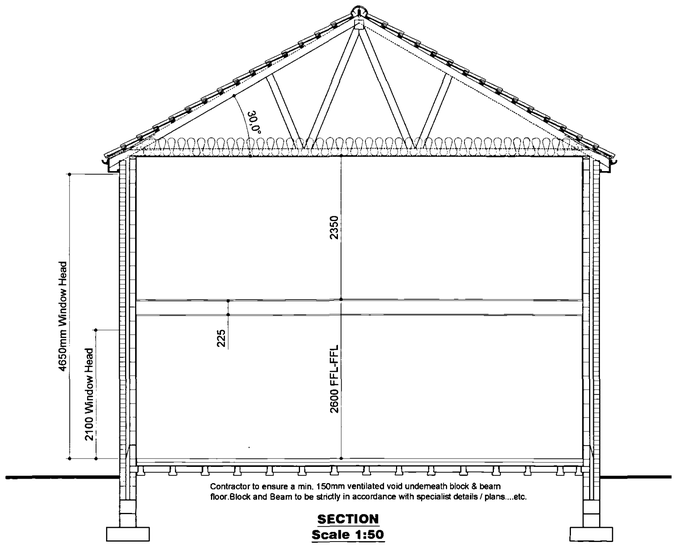
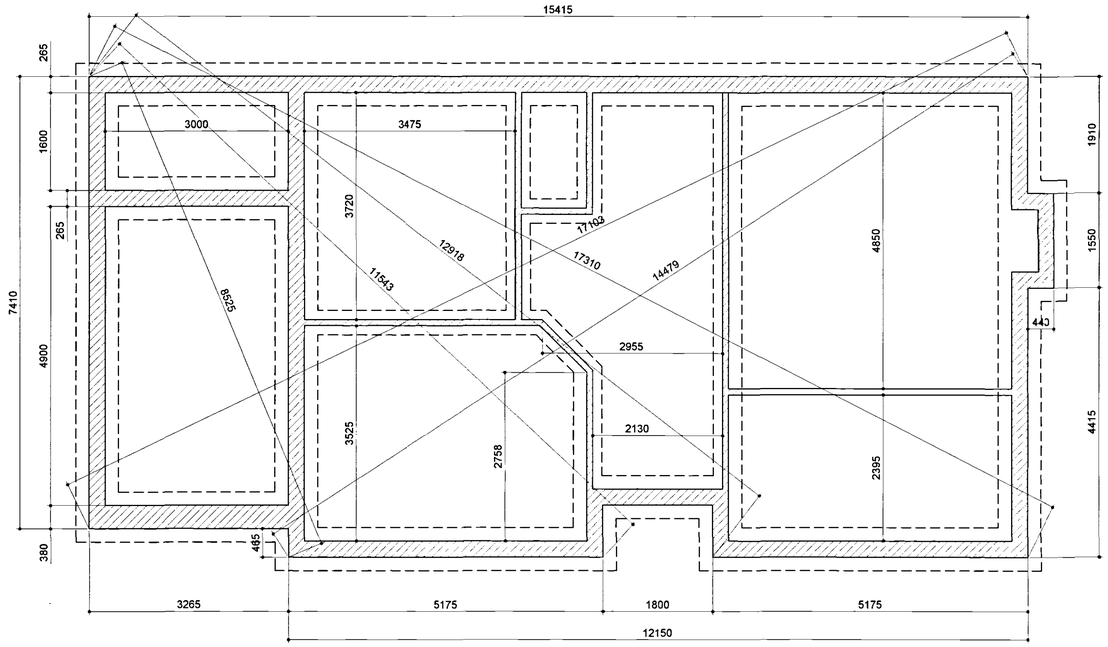
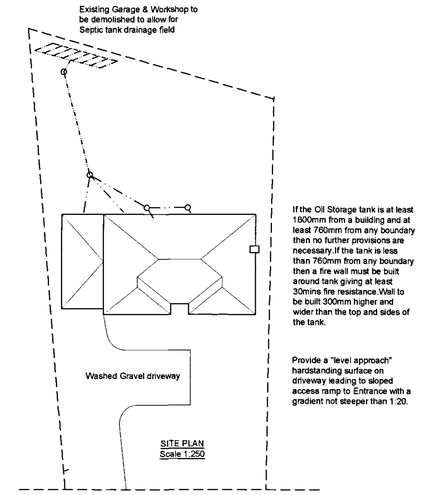


SECTION
Scale 1:50



FOUNDATION PLAN
Not to Scale



SITE PLAN
Scale 1:250

If the Oil Storage tank is at least 1800mm from a building and at least 760mm from any boundary then no further provisions are necessary.If the tank is less than 760mm from any boundary then a fire wall must be built around tank giving at least 30mins fire resistance.Wall to be built 300mm higher and wider than the top and sides of the tank.

Provide a "level approach" hardstanding surface on driveway leading to sloped access ramp to Entrance with a gradient not steeper than 1:20.

GROUND FLOOR

Provide and Install Prestressed 150mm concrete floor beams bearing on inner skin of cavity wall on dpc as per manufacturers details. Contractor to provide details and calculations of manufacturers floor design to Building Control prior to placing materials on order. Lay 100mm infill blocks of 7N/mm² average crushing strength and edge slip blocks as required. Lay on top of infill blocks a minimum 1200 gauge proof DPM with min. 150mm lapped joints sealed with an approved tape. Joint tape to be applied strictly in accordance with manufacturers instructions. *DPM to be carried* across cavity wall to join with DPC's.Provide cavity tray above DPM with weep holes at max 450mm ctrs.Separate cavity tray & dpm by mortar bed.Provide telescopic vents and air bricks at max. 1800mm ctrs to ventilate void underneath floor beams.Provide a thin sand blinding on top of dpm to ensure 60mm Celotex GA2060 insulation boards or similar approved are fully supported.Provide stripes of insulation turned up around floor perimeter to eliminate thermal bridging at floor edges.Upstand depth should be equal to floor insulation and screed finish. The upstand thickness should not exceed the combined plaster wall and skirting thickness.Provide 500 gauge vapour control layer over insulation and finish with 65mm sand / cement screed reinforced with chicken wire. Use scaffold boards when laying screed to avoid damage from all traffic.

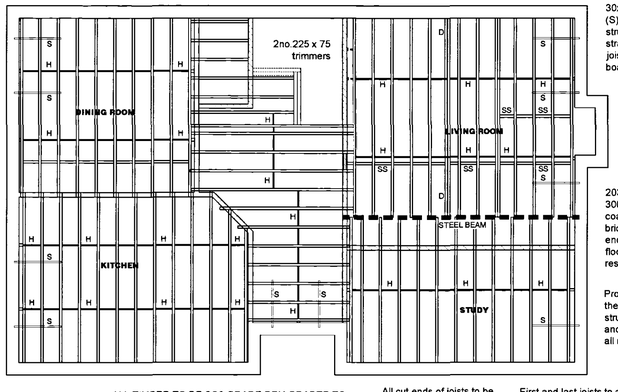
NOTE:MANUFACTURER'S DETAILS & CALCULATIONS TO BE FORWARDED TO SHDC'S BUILDING CONTROL OFFICER FOR APPROVAL AT LEAST 21 DAYS PRIOR TO FIXING ON SITE

225x50 joists @ max.400mm ctrs. Solid herringbone strutting (H) @ 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.

Where joists are supported off internal walls, ensure overlapping joists are nailed together and ensure overhang does not exceed 100mm to limit cantilever movement unless fixed to joist running at right angles.

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

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



30x5 m/s anchor straps (S) @ 2m ctrs with solid strutting beneath.Notch straps into minimum 3no. joists to allow level floor boards.

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.

203 x 203 UC 46 with 100 x 10 x 300 LG bearing plates on 4no. coarses of blue engineering brickwork 450mm wide each end.Beam to be concealed within floor zone.Beam to be 30min fire resistant.

Provide solid blocking at the ends of herringbone strutting between last joist and wall and underneath all restraint straps

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

All cut ends of joists to be sealed with suitable preservative priorir to fixing in position.

First and last joists to all areas to be clear of wall by 25-50mm.

JOIST PLAN
Not to Scale

All 25X100 diagonal and longitudinal wind bracing, and ceiling tie 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 firmly butt against walls.

Infill Jack Rafters to be min.25mm deeper than Trussed Rafters to allow for birdsmouthing at wallplate

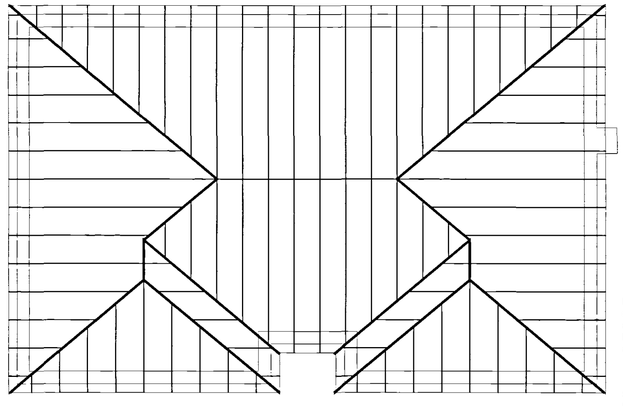
Pre - Fabricated Mono pitch trusses by specialist to be fitted to girder truss with approved Girder Truss Shoe with min. bearing length of 90mm.

Hip Rafters to be birdsmouthed over Pre Fabricated Compound Girder of Flat Top trusses and wallplate

In order to minimise movement of the wallplate caused by the hip rafter, fix a 1200mm long galvanised steel angle restraint strap around the outside of the wallplate.

Compound Girder of flat top trusses permanently fixed together

Flat top trusses to be supplied with extended rafters for site cutting by others to suit Hip Rafter



Note:The horizontal top chords to the flat top trusses are to be well braced together to resist lateral buckling.

ROOF PLAN
Not to Scale

30x5 m/s straps (S) over 2no. trusses at max 2m ctrs to gable ends and ceiling level. At least 1no.gable strap to be within 530mm of ridge.Provide solid noggings under each strap.

Soffit and fascia profile to clients requirements fitted strictly in accordance with manufacturer's recommendations

Trussed Rafters to main house roof to be 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.

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

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

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.

DETERMINED PLAN

SHDC PLANNING & DEVELOPMENT 17 NOV 2003 Ref. 1411/03

REV DESCRIPTION:

'B' - 18.07.03-Garage position amended to suit Black Sluice IDB
'A' - 26.06.03-Building Control Amendments

remway design
Plans drawn for: Local Authority - Planning permision & Building Control.
3, Rembrandt Way
Spalding
Lincs
PE11 3HX
Tel: 07815 112058
Fax: 01775 768 921
e-mail: jason@remwaydesign.co.uk

Project:
Proposed 4 Bedroom Dwelling @ Plot 1, South Eau Bank, Gedney Hill

Client:
Mr A Sharman
16 Cowbit Road
Spalding
PE11 2RD

Date: nov'03 | DRG No. : AS02