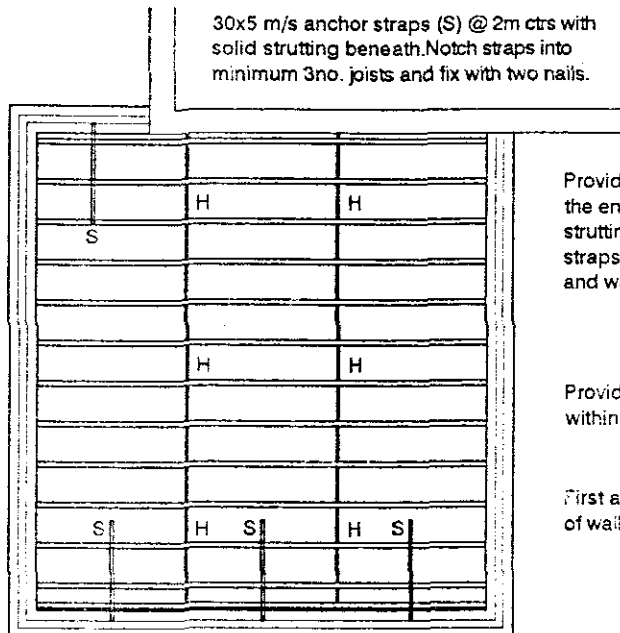


NOTE: MANUFACTURER'S DETAILS & CALCULATIONS TO BE FORWARDED TO SHDC'S BUILDING CONTROL OFFICER FOR APPROVAL AT LEAST 21 DAYS PRIOR TO FIXING ON SITE

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

225 x 50 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.

All cut ends of joists to be sealed with suitable preservative



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

Provide 100mm insulation within floor zone

First and last joist to be clear of wall by 25-50mm.

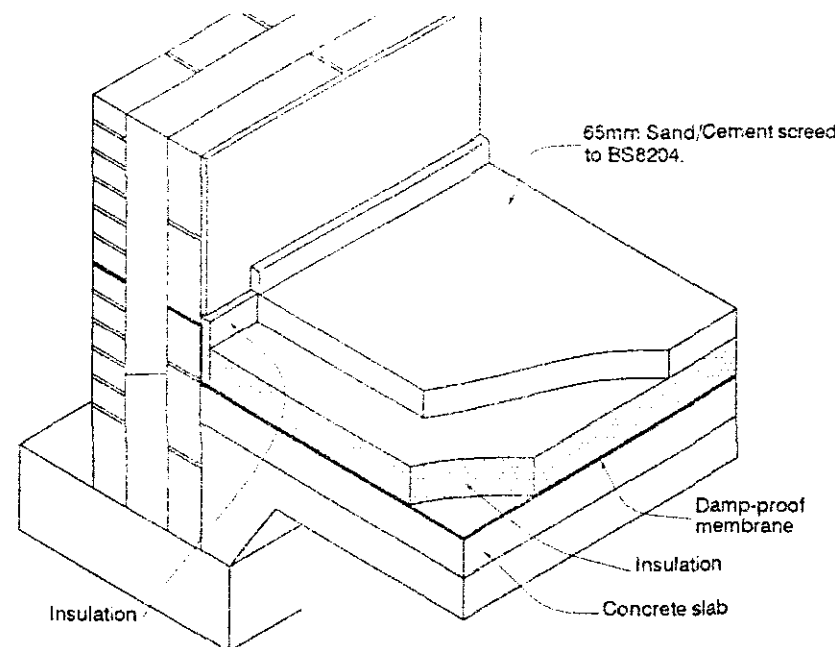
All 25X100 diagonal and longitudinal wind bracing, and ceiling tie bracing to be free from all major defects and any weak points and fixed all in accordance with manufacturers details. Lap joints (if required) to be taken over 2no. trusses all in accordance with BS5268 Part 3 - 1985 Bracing to be fixed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

Infill Jack Rafter to be min. 25mm deeper than Trussed Rafters to allow for birdsmouth 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

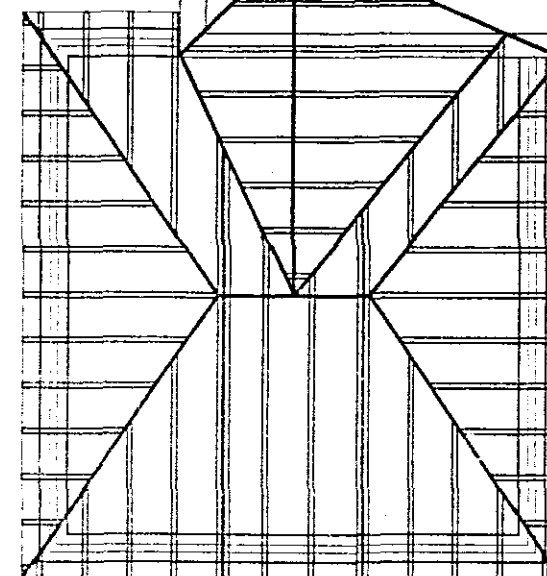
In order to minimise movement of the wallplate caused by the hip rafter, fix a 1200mm long galvanised steel angle restraint strap around the outside of the wallplate



NOTE: Damp-proof membrane can also be positioned below the concrete slab.

TYPICAL ISOMETRIC SLAB DETAIL
Not to Scale

Diminishing trusses to be cut from 100 x 50 rafters @ 400mm ctrs and built off 100 x 22 valley boards



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

Compound Girder of flat top trusses permanently fixed together

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

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

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

SHDC
Planning & Development
- 8 JUN 2004
Ref 763/04

DETERMINED PLAN

remway design
More drawn for: Local Authority - Planning permission & Building Control
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Project
Proposed Two Storey Rear Extension

Client
Mr R. Cooke
32 Regent Street
Spalding

Date: June 04 DRG No: REM918-02 REV.