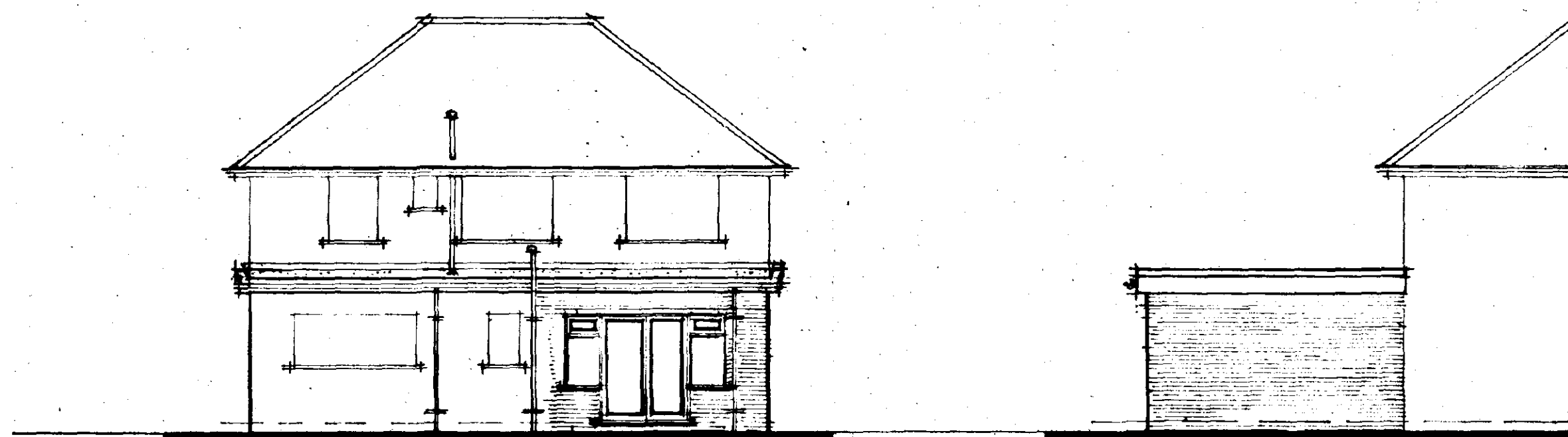
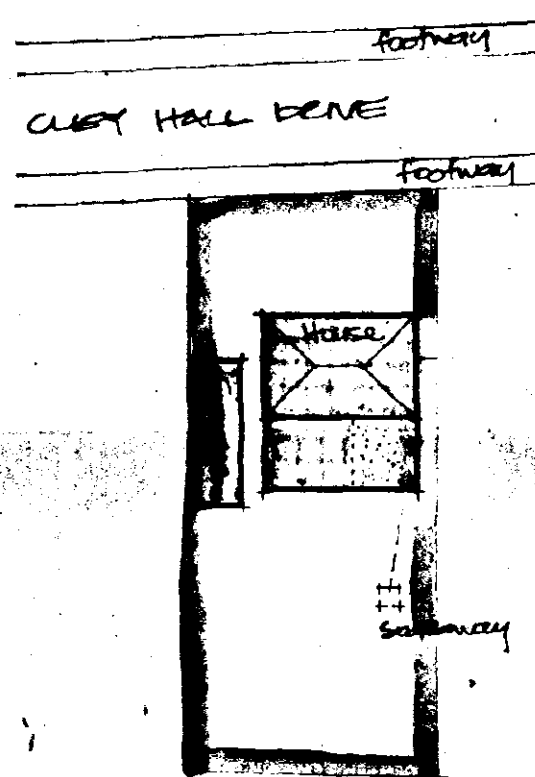


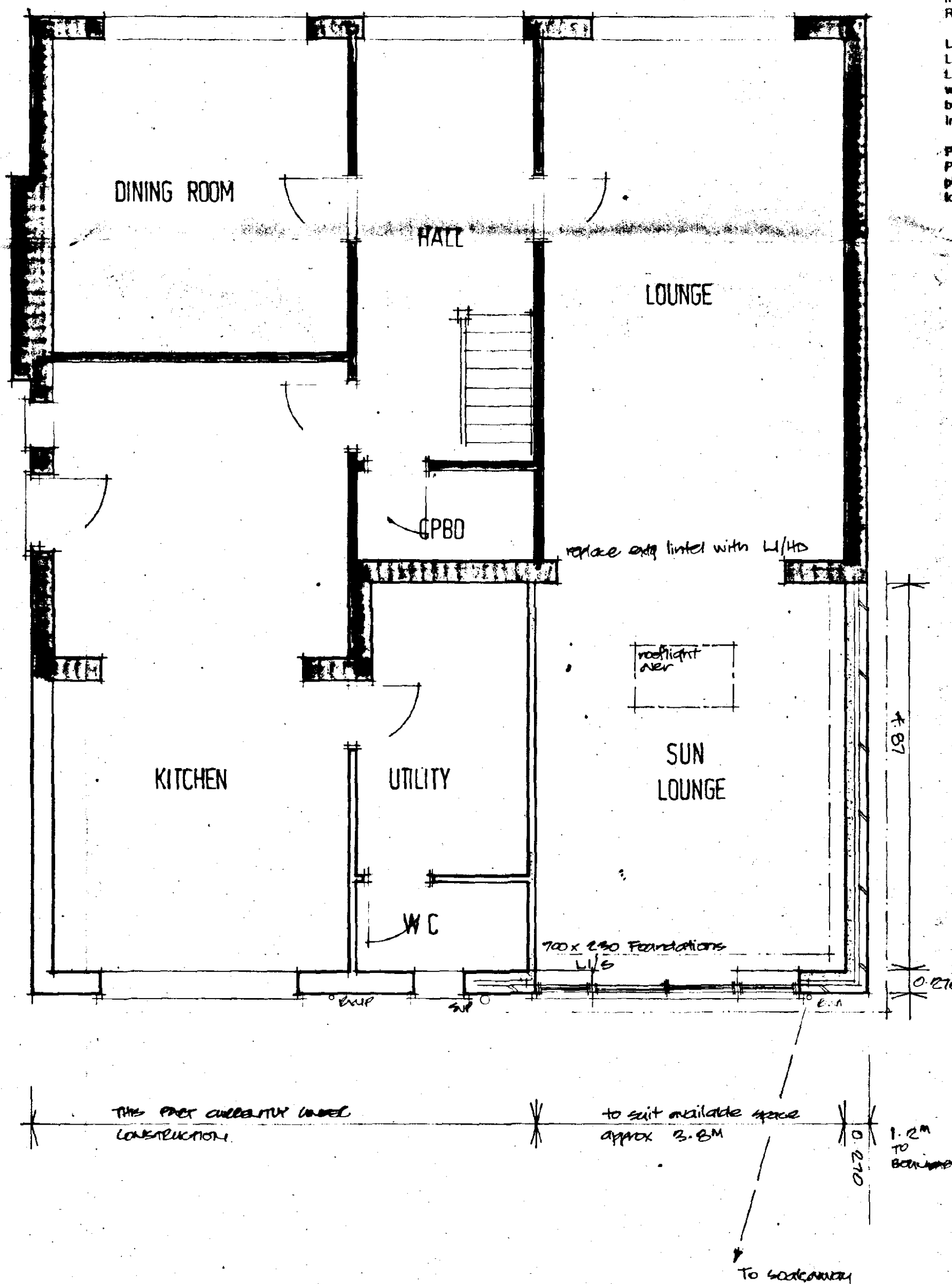
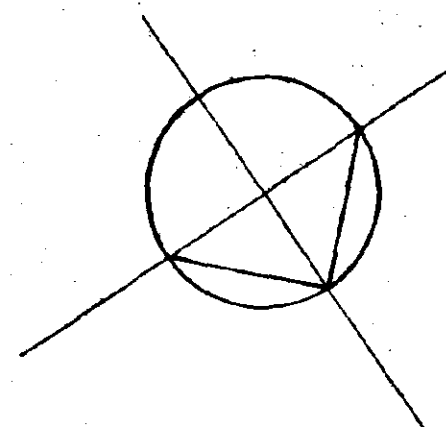


NORTH

N. WEST



BLOCK
PLAN



GROUND FLOOR

FOUNDATIONS
Foundations to be in plain concrete strip 1:2:4 mix size 750mm x 230mm minimum below cavity walls.
Foundations to be taken down to firm, consistent, loadbearing strata not less than 750mm below ground level or where shrinkable soils exist not less than 1.0 metre.
Should any adverse, inconsistent or doubtful soil conditions exist the works shall be temporarily ceased until a design solution has been agreed with the Local Authority Building Control.

SUB-STRUCTURE WALLING
All walling below ground level to be in type A dense aggregate concrete blocks to B.S.6073 Part 1:1981. Brickwork below damp proof course to be in clay bricks to Durability Designation FL.
Form cavities 65mm wide with 2no leaves of 100mm blocks as described, where cavity walls to be constructed. Fill cavities up to 230mm below lowest dpc with lean mix concrete 1:12 and strike off to fall to outside level.
Bed on ZEDCORE or similar high density polythene embossed dpc to all levels of cavity walling at not less than 150mm above finished ground level or adjacent ground level as appropriate.

GROUND FLOOR CONSTRUCTION
Excavate over area of building to remove topsoil and reduce levels, compact soil base and lay minimum 150mm clean stone hardcore graded 75mm down and thoroughly compact. Blind hardcore with sand and lay over 300 micron polythene damp proof membrane and lap with dpc in wall. DPM laps to be 300mm and taped.
Lay over site 110mm concrete slab 1:2:4 mix and thoroughly tamp into position and level ready for screed and insulation.
Provide and lay 25mm CROWN FLOORS LAB insulation on oversite concrete and lay over insulation 250 micron polythene sheet vapour barrier, tape and seal joints.
Lay and compact 70mm mortar screed 1:3 with light gauge stainless steel mesh reinforcement and steel float finish hard, level and flat and to match existing floor level in dwelling.

WALLING
Cavity walling to comprise, where to external walls, 105mm clay facing brickwork to match existing, 65mm cavity filled with 65mm DRITHERM insulation, 100mm solid insulation block, HEMELITE or equal. To internal cavity walls as above but both skins of HEMELITE blocks.
Wall ties to be to B.S.1243:1978 and at 900mm centres horizontally and 450mm vertically, every alternate tie course to be staggered 450mm. Provide additional ties at unbonded cavity closures set at 225mm vertically and within 150mm of the level face.
Provide and build in to all cavity closures DAMCOR insulated vertical dpcs.
Over lintels provide in bed joints EXPANET stainless steel strip mesh reinforcement and to extend 900mm beyond openings. Reinforcement to be below windows also.

LINTELS
Lintels to be as manufactured by I.G. Ltd and generally to be 115 with minimum 150mm and bearing. Lintels to have extra wide dpc material as cavity tray over and to extend 150mm beyond lintel ends.
Install proprietary weep holes in perpend over lintels.

PLASTERING
Provide and apply 10mm 1:1:6 render and 3mm wall finish plaster to all exposed walls within the new structure. Plastering to be to B.S.5492:1977.

PATIO DOOR
Patio door to be purpose made in PVC-U. Provide trickle vents to supply 10,000mm² controllable ventilation and fitted in frame head.

WOOD TRIMS
Provide and fix all moulded timber trims, architraves, skirtings, beddings, curtain battens etc to match existing or as determined by Employer.

ROOF STRUCTURE
Roof over Sun Lounge to be constructed in preservative treated softwood SC4 grade, joists to be 175mm x 50mm at 400mm centres.
Provide and fix galvanised steel vertical twist type anchor straps, size 30mm x 2.5mm at joist ends at 1.6m centres.
Provide and fix lateral restraint straps in 30mm x 5mm galvanised mild steel at 1.6m centres at joist level to restrain wall. Strap to extend across three joists. Solid nog under strap and light pack against wall.
Decking to be AERODECK/SHELTERDEK plywood and insulation board composite, overall thickness 78mm (70mm rigid urethane 6mm WBP plywood) on firings to fall 1:60, all board joints to be nogged.

ROOFLIGHT
Trim out for and provide and install rooflight, DUPUIS DOMES, or similar. Rooflight to have insulated upstand kerb and have double skin polycarbonate light which achieves an AA designation. Rooflight to be complete with condensation drain and outlet.

ROOF COVERINGS
13mm white mineral chippings bonded to 3 layer built up polyester based high performance roofing felt, RUBEROID 350, complete with all upstands, drips, angles and fillets etc to match.

CEILINGS
Provide and fix 13mm GYPROC wallboard plasterboard to ceilings. Nog out all board joints and perimeters to fully support sheeting. Tape joints and finish with plaster skim.

FASCIAE / SOFFITS
Provide and fix wrot 25mm nominal thickness treated softwood fascias (rebat for and including 6mm surfaced WBP plywood soffits).

LEADWORK
Provide and fit CODE 4 lead sheet cover flashings to roof to wall junction. Lead to be to B.S.1178:1969. All work to be to LDA Design Guide specifications.

GLAZING
All glazing to be to B.S.6262:1982 and safety glass to be to B.S.6261:1981. All windows and doors, as appropriate, to be fitted with 20mm double glazed sealed units.
All glazed areas in doors and where glass is less than 800mm above floor level to be in safety glass as described.

HEATING
Provide and fix radiators new accommodation, extend heating pipework and connect. Fit thermostatic radiator valves. Pipework in screed to be in insulated duct.

ELECTRICAL INSTALLATION
All electrical work to be in accordance with the IEE Regulations latest edition.
Provide and fix lighting and power points as directed by the Employer.

UNDERGROUND DRAINAGE
Pipework to be 110mm diameter GVC laid to fall 1:70 with 50mm bed of sand / peagravel mix and surrounded 100mm same. Backfill trench with selected excavated spoil. Where drain has less than 300mm ground cover provide paving slab protection over pipe.

RAINWATER DRAINAGE
Provide and fix matching rainwater goods in black PVC-U with 115mm half round guttering and 68mm diameter downpipes and all complete with clips, brackets, junctions, connectors, outlets, slopends, bends etc and connect to underground drain and run to soakaway.
Soakaway to be sited 5 metres away from all buildings and be 1m³ rubble filled with pipe discharging to centre.

DECORATIONS
Allow for the preparation of and decoration to all new surfaces, as appropriate.

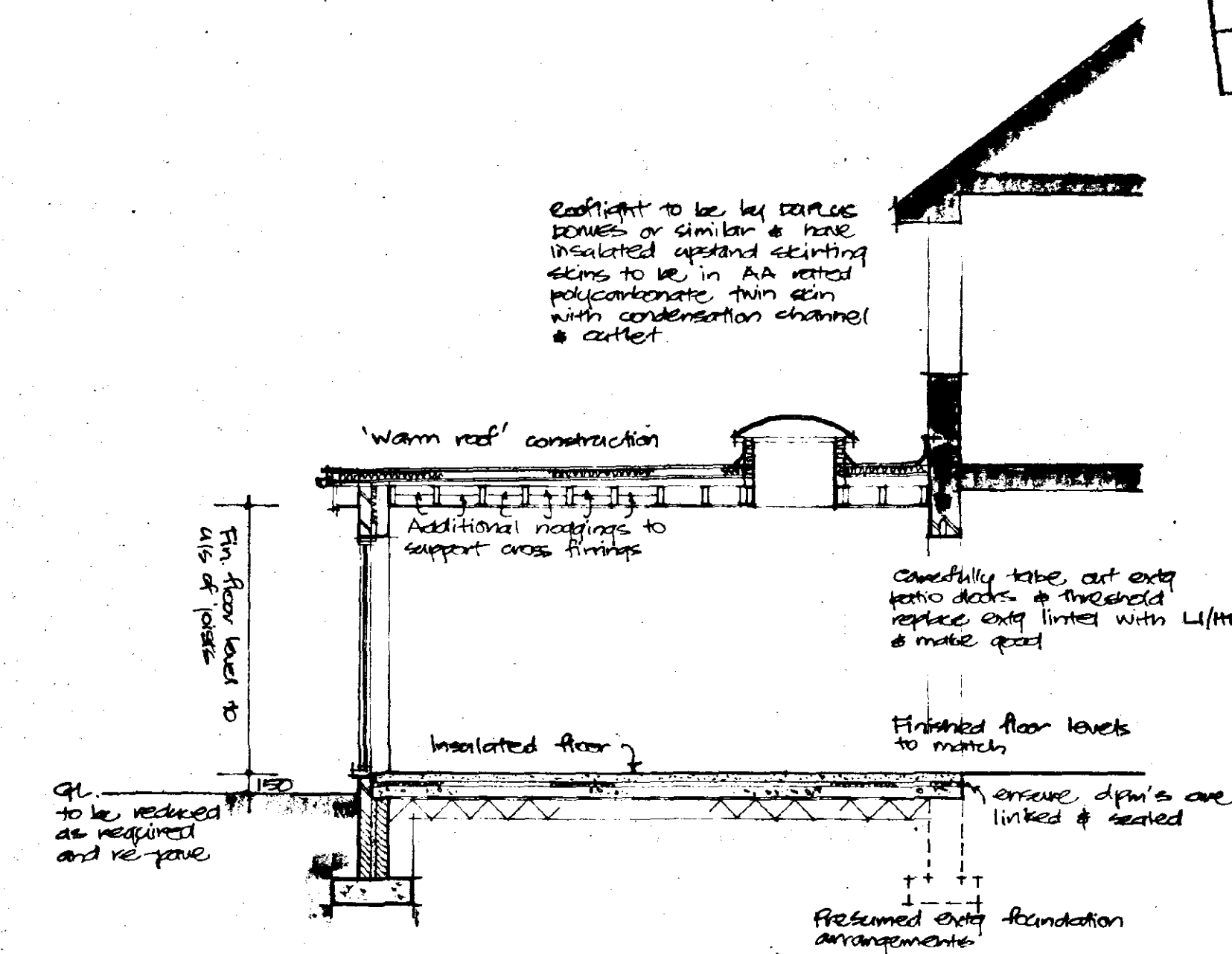
NOTE
The Sun Lounge is to be built in conjunction with the Kitchen, Utility and W.C. extension presently under construction, and as shown on drawing 94/24/01 and this drawing shall be read in conjunction therewith to avoid any discrepancies.
The relevant SHDC approvals in this connection are: H18/0551/94 and B18/0345/94.

MATERIALS AND WORKMANSHIP
All materials, products, components and goods etc, unless otherwise stated, shall be new and of British or European origin or manufacture and comply in all respects with relevant British Standard Specifications, BBA Certificates or European Standard.

All equipment, goods, products, components etc shall be used, fixed or fitted in strict accordance with the manufacturer's instructions and specifications.

Workmanship will be to a high standard and to that expected of properly trained and experienced craftsmen and tradesmen. Work shall be in accordance with British Standard Specification Codes of Practice and Association Design Guides.
B.S.800 Workmanship on Building Sites shall be adopted.
All work is to be carried out in a safe and practical manner and the Health and Safety at Work Etc Act and the safe working codes are to be strictly adhered to.

LIMITATION OF DRAWING
This drawing is limited in the amount of information that it contains and it must be clearly understood that the works are not fully specified. The drawing is solely for the purposes of gaining Planning Permission and Building Regulations approval, where appropriate.
The drawing should not be used as a Contract Document alone.



SOUTH HOLLAND D.C.
PLAN DEPT.
PL 03 JAN 1995
AMENDED
Ref.

B Height of new built extension increased on day to reflect 'as built' condition 1/1/95
A Alterations to layout of elevations to suit 'as built' condition owing to preservative construction, REF SHDC letter 18/11/94 DMG/LAC/H18/1056/94

L A BUILDING DESIGN
55 Hannam Boulevard
Spalding
Lincolnshire PE11 1LB
Tel: Spalding (0775) 711437

project
PROPOSED SUN LOUNGE TO EXISTING DWELLING AT 16 CLAY HALL DRIVE, SPALDING, LINCOLNSHIRE.

client
MR & MRS M. FOWLER

drawing
WORKING DRAWING

date OCT 94	scale(s) 1:100 1:50 1:500
job no 94/24	drg no 02 A/B

DETERMINED
PLAN

SECTION