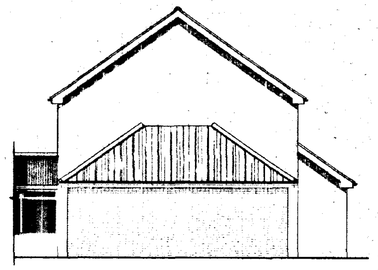
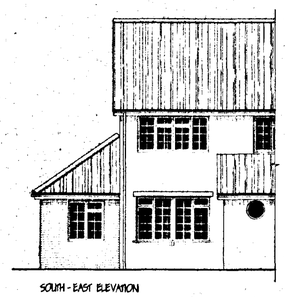


NORTH - WEST ELEVATION



SOUTH - WEST ELEVATION



SOUTH - EAST ELEVATION

VENTILATION.
All windows to have opening lights to give the equivalent of 1/ 20th the floor area. Provide background ventilation to habitable rooms min. 8000mm sq permanent free air ventilation per room.

SPACE HEATING.
Extend and upgrade existing heating system as required. Ensure timer switch and suitable zone thermostats to dwelling. Fit thermostatic control valves to all radiators.

GENERAL
All electrical installations to be in accordance with the latest I.E.E. Regulations.
Provide hot & cold water supply to all wash basins.
All electrical switches, socket outlets, telephone and T.V. points to habitable rooms to be positioned at appropriate heights between 450mm & 1200mm from f.f.l.

SURFACE WATER DRAINAGE.
115mm dia. half round rainwater gutters to 65mm dia. rainwater pipes. 110mm dia. underground pipes flexibly jointed to a fall of 1:70 pipes bedded and surrounded in pea gravel and discharge to 1.2m dia. soakaway min. 5.0m to edge from dwelling.

GLAZING.
Double glass extension throughout (minimum 6mm air gap to all units). All glazing between f.f.l. and 800mm high and between f.f.l. and 1900mm high in doors and side lights to be safety glass to B.S. 6206. All windows / doors to be draught sealed.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations 225 x 700 all GEN4 mix to B.S. 5928: pt 1991. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations- should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level.

LINTELS.
All lintels to be manufactured by Marsons, L.G. and to be installed in accordance with makers' instructions, and to have min. end bearing of 150mm and at external positions to have cavity tray D.P.C. to CP. 121. Internal lintels to be L.G. 100 Box type. Provide Perp-end weep holes and stopends to cavity tray.

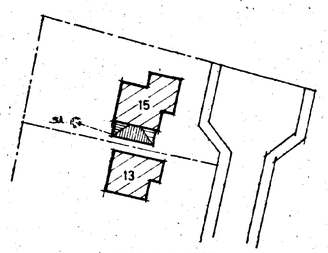
SUB STRUCTURE WALLING.
100mm dense concrete blocks to B.S. 6073 pt.1 1981. DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level. Weak mix concrete infill to base of cavity no closer than 225 to DPC. All brickwork below DPC to be F.L. quality.

GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 50mm Polystyrene insulation board, on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm, lay 300mm wide D.P.M. strip into D.P.C. to lap floor D.P.M. All on 100 concrete overslab; Concrete mix GEN4 to B.S. 5928: pt 1991: 150 blinded and consolidated hardcore.

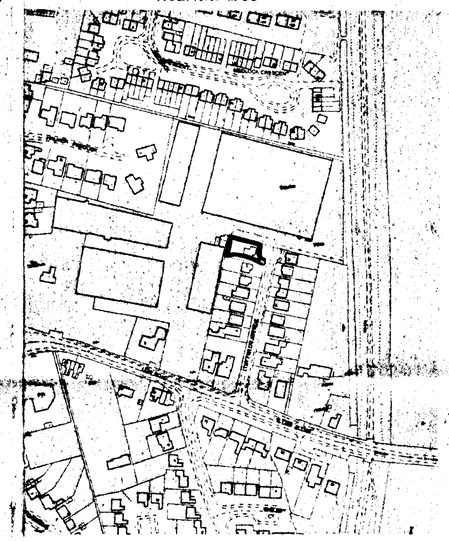
PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles to B.S. EN 490 / 491, on 25 x 38 softwood treated battens on underfelt to B.S. 747 (type 1F) and in all cases to be lapped by 150mm both vertically and horizontally. Tiles to be laid with min. headlap of 75mm and to be fixed in accordance with respect to wind speed, roof pitch and exposure category, as detailed in B.S. 8599: Pt. 2. Timberlator Mono Pitch specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1988. TRUSS CALC'S TO BE SUBMITTED TO L / A. MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/ c to a pitch of 35 deg. 38 x 100 ridge/ node binder 38 x 100 ceiling binders: All trusses to be strapped to wall plate by 30 x 5 galvanised metal straps acting as anchor and lateral restraint straps at max. 1.5m c/ c. Note: provide solid bridging beneath straps. 50 x 100 wall plate bedded on sand and cement: 25 x 175 fascia boards: 6mm ext. grade plywood soffit complete with 25mm wide continuous air gap and fly proof screen: All structural timber to be mm SC5 grade. stamped 'DRY' or 'KD' to indicate moisture content of 20% or less all in accordance with BS. 4978.

CEILINGS.
200mm dense fibre insulation total thickness. 100mm between joists & 100mm over. Joists. 12.7mm Gyproc plasterboard 2mm skim finish. Provide min. 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled. Provide access trap to roof space: openings to be lined with 25 x 25 planted stops: Access panel to be 12mm ply with layer of 12.7mm Fireline board fixed to face. 100mm Jablite to top surface. Provide skirt bolt fastening & draught seal all round

WALLING.
265 cavity walling to consist of face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity: bond into cavity. Rockwool cavity wall batts insulation batts in accord. with makers instructions and segment cert' No.B5/ 1087. 100mm Tarmac Hemelite solid insulation blocks or similar: Cavity walls tied together using galvanised iron twist ties set 900 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 900 vertical centres at all unbonded closures of cavity. Close cavities with "thermalite" preformed closer and provide bitumen felt DPC to C.P. 121. External walls to have min. "U" value of 0.45 W/ m2 deg. C.



BLOCK PLAN 1:500



LOCATION PLAN 1:2500

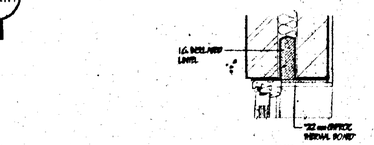
LIMITATIONS.
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning/ Building Regulation approval. The drawing must not be used as a contract document alone.
All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes. All given dimensions shall be checked by the Builder / Contractor and will be his responsibility from commencement of site works.
The works will not be supervised or inspected on site by C.A.D. or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

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STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice.
Materials shall conform to appropriate British Standards Specification or BBA Certificate or European Code equivalent.

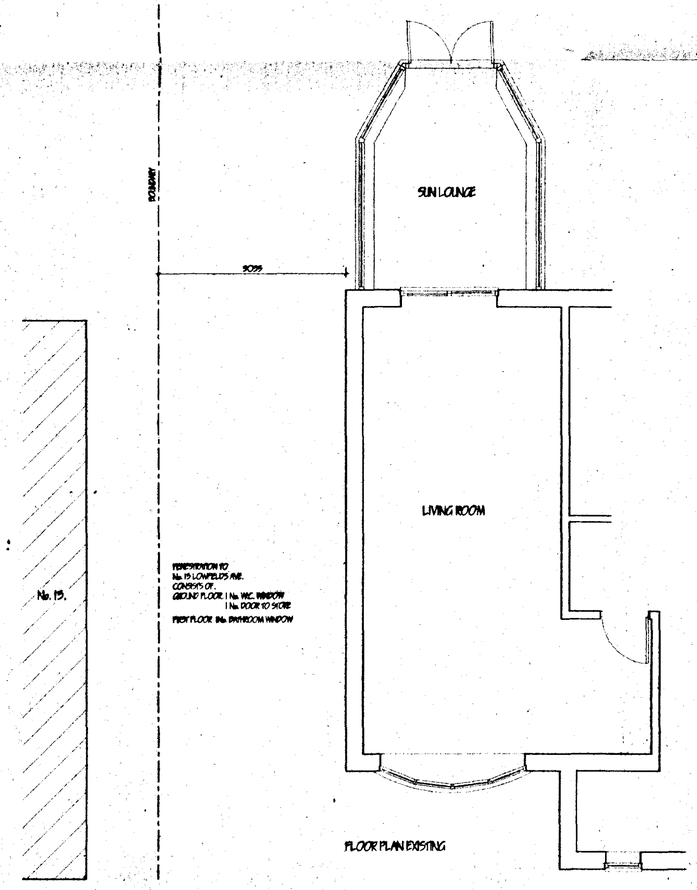
HEALTH & SAFETY.
The Employer / Client shall ensure that the selected contractor is competent with and adopts all measures necessary to achieve compliance with Health & Safety legislation for Building Sites and Work Places.
The Employer / Client is advised that should the works need to comply with the Construction Design and Management Regulations an independent Planning Supervisor will be required.

SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawings and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

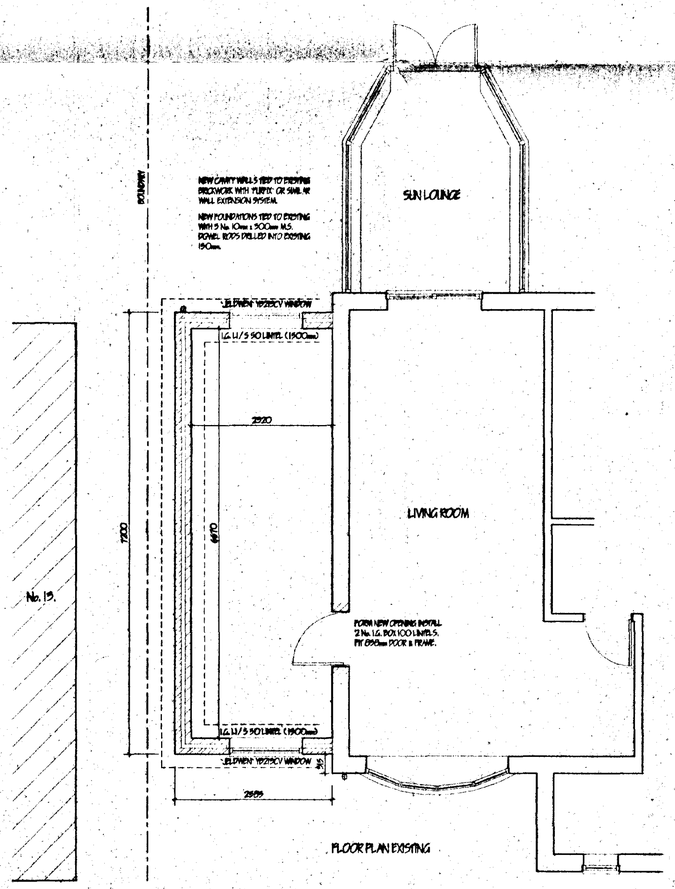


REVEAL DETAILS

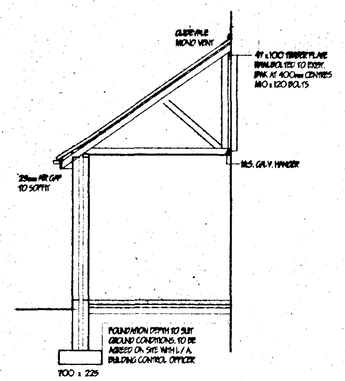
revision	date	init.	revision details.



FLOOR PLAN EXISTING



FLOOR PLAN EXISTING



SECTION

COOPER ARCHITECTURAL DESIGN
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Tel/Fax : 01406 423782
Mobile : 07808 125 778

Client.
MR & MRS N. TERRINGTON

Project.
PROPOSED EXTENSION TO HOUSE
15 LOWFIELDS AVENUE
SPALDING
LINC'S.

SOUTH HOLLAND DC HOUSING & PLANNING
19 DEC 2001
Ref: 1441/01

Drawing.

DETERMINED PLAN

Scale 1:50 1:100	Drawing No. 01051
Date. DECEMBER 01	Drawn. J.C.