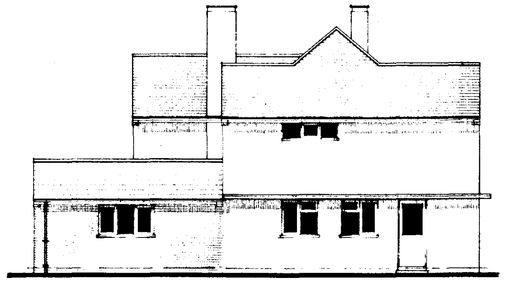
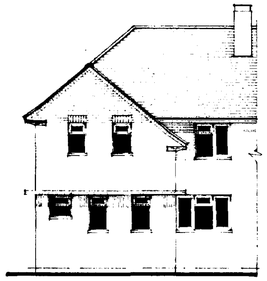
Notes & Schedules



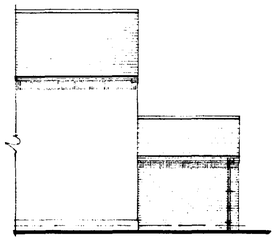
South - East Elevation



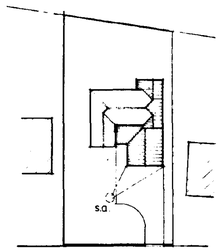
North - East Elevation



North - West Elevation

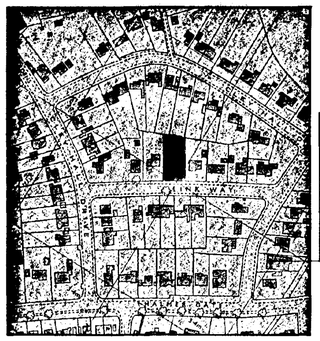


South - West Elevation.



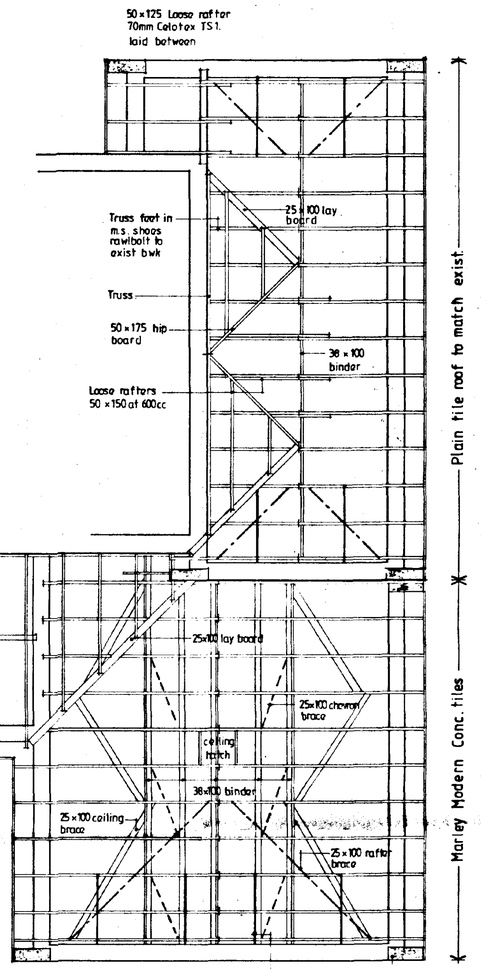
Link Way.

Block Plan 1:500.



Location Plan 1:2500

PITCHED ROOF CONSTRUCTION.
Extension. Interlocking concrete roof tiles (Marley Modern): Re-Roof Plain conc tiles to match existing: All to B.S.473:550 part 2 1971. 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 regard to wind speed, roof pitch and exposure category as detailed in CP3 chapter V part 2 1972. Twinaplate specielist made prefabricated roof trusses to comply with B.S. 5268 part 3 1985. Trusses to be at max. 600c/c to a pitch of 20 deg. & 40 deg. 38 x 100 ridge node binder 2No 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 10mm wide continuous air gap and fly proof screen: All structural timber to be min. SC3 grade: Where span of trussed rafter exceeds 5.0m provide additional bracing within the plane of the webb in accordance with Truss Plate Assoc. tech. bulletin sheet 4:At roof intersections provide 25 x100 lay boards and diminishing trusses at 600 c/c: Install code 4 lead valley liner. Close cavity at plate level.



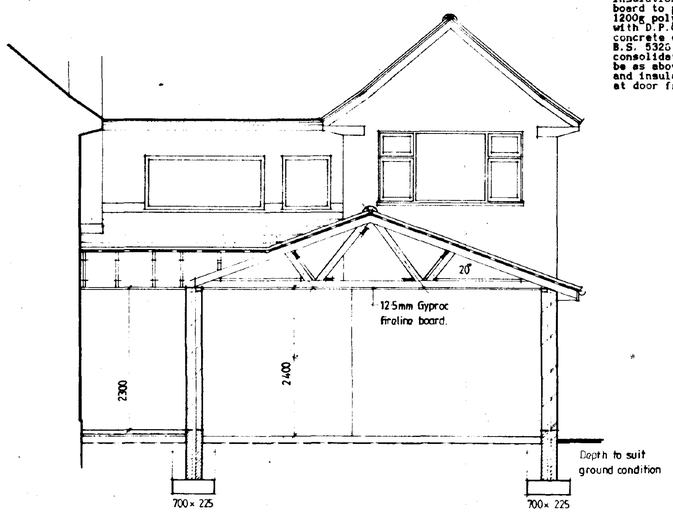
Roof Plan

SUB STRUCTURE WALLING.
100mm class A dense concrete blocks: 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 D.P.C. to be F.L. quality.

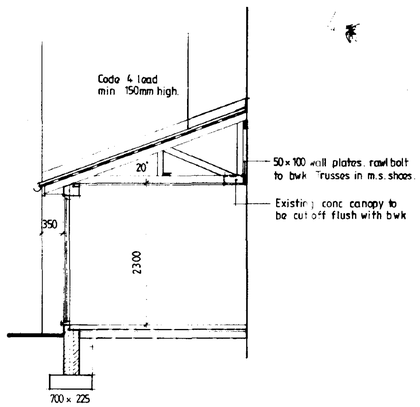
GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 20mm Celotex RFI Insulation board, insert 25mm insulation board to perimeter of all oversite on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm on 100 concrete oversite: Concrete mix ST3 to B.S. 5328 1990: 150 blinded and consolidated hardcore: Garage floor to be as above except sand cement screed and insulation: Ensure 100mm threshold at door from garage to Hall.

CEILINGS.
150mm glassfibre insulation laid between joists: 12.7mm Gyproc plasterboard 3mm skim finish: Provide min 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled. Garage ceilling to be 12.7mm Gyproc Fireline board and Artex: Provide access trap to roof space: Access panel to be 12mm ply with layer of 12.7mm Fireline board fixed to face.

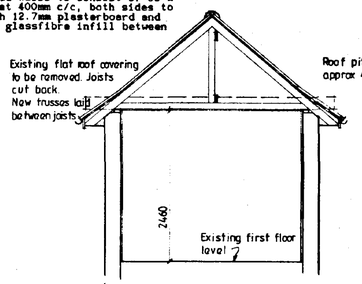
WALLING.
265 cavity walling to consist of face brickwork to B.S.3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity: build into cavity Rockwool cavity wall batts insulation boarding in accord. with makers instructions and agrement cert' No.83/1087 . 100mm Tarmac Hemelite 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 300 vertical centres at all unbonded closures of cavity: Close cavities with 'Thermabate' preformed closerand provide bitumen felt DPC to C.P.121: External walls to have max 'U' value of 0.45 W/m2 deg. C.: Internal wall of 150mm Thermalite Turbo solid insulation blocks and to receive 10mm S/C render and 3mm skim (except garage). Stud walls to consist of 38 x 89mm studs at 400mm c/c, both sides to be clad with 12.7mm plasterboard and skim. 100mm glassfibre infill between studs.



Section A - A



Section B - B



Section C - C.

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
26 JUN 1995
Ref: 0679/95

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revision	date	init	revision details

COOPER ARCHITECTURAL DESIGN
BRONAVON HOUSE SEGATE
FLEET SPALDING LINCS PE12 8AT
TEL 01406 425743

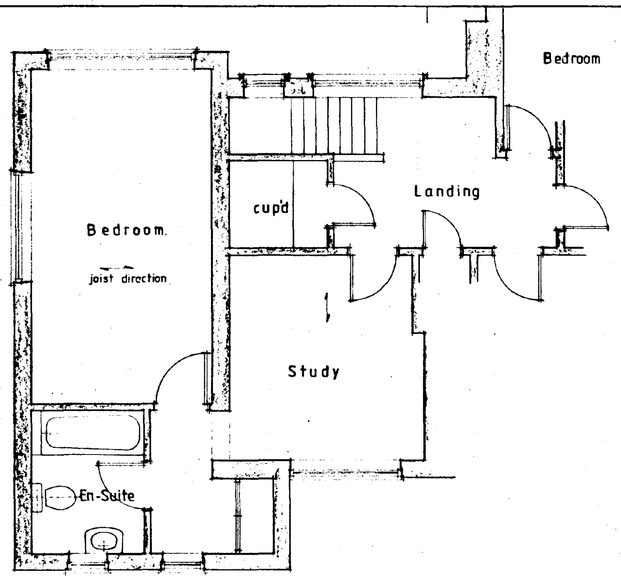
client
MR & MRS CHITTICK

project
PROPOSED EXTENSION & ALTERATION
5 LINK WAY,
SPALDING,
LINC'S.

drawing
DETAIL PLANS, ELEVATIONS.

scale	drawing no.
1:50 1:100	94041:2
date	drawn
JUNE '95.	

SUMMIT D.O.S. 941078



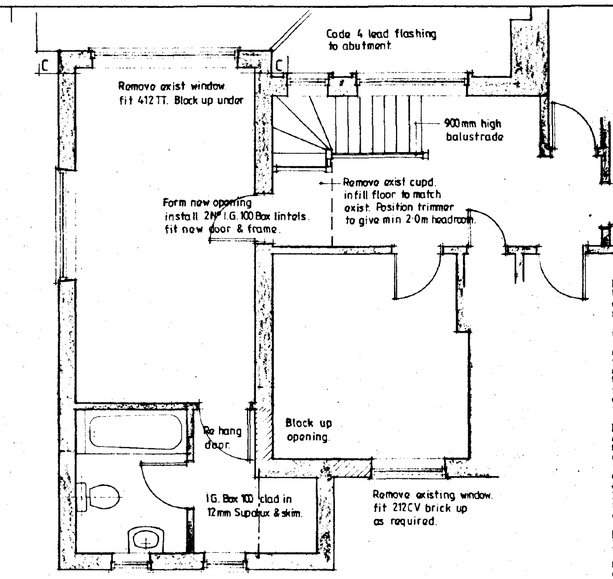
First Floor Existing.

SURFACE WATER DRAINAGE.
115 dia. half round rainwater gutters to 68 dia. rainwater pipes 82.4 dia. underground pipes flexibly jointed to a fall of 1:70 pipes bedded and surrounded in 100 pea gravel and discharge to 1.2m dia. soakaway min. 5.0m from dwelling.

GLAZING.
Double glaze throughout excluding garage. All Glazing between f.f.l and 800mm high and between f.f.l. and 1500mm high in doors and side lights to be safety glass to B.S. 6206.

VENTILATION
All windows to have opening lights to give the equivalent of 1/20th the floor area. Window heads to be fitted with hit and miss ventilators to give min 4000mmq permanent free air ventilation per room. All kitchens to have in addition to above Wall/Window mounted mechanical extractor fan to extract not less than 60 litres per second. Bathrooms to be as kitchens but to extract not less than 15 litres per second which may be operated intermittently.

HOT WATER AND SPACE HEATING
Extend existing system as required. All hot water storage tanks and pipework to be insulated to B.S.LI part 3.



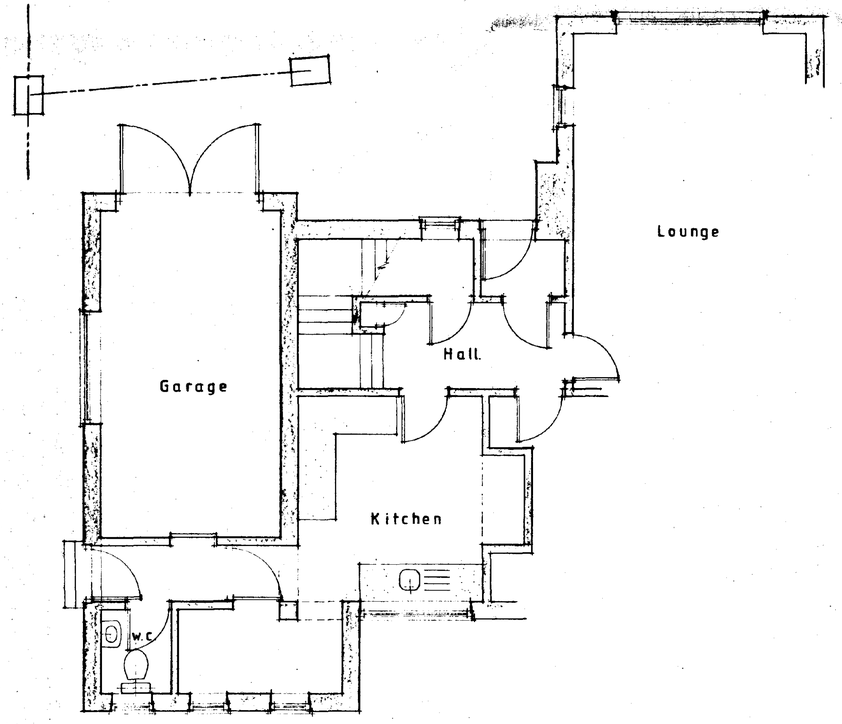
First Floor Proposed.

Head room 2.0m measured vertical above pitch line All in accordance with B.S. 5395:1977. Staircase to have ex 38 x 50 shaped hardwood handrail min. 900 above pitch line. 50 x 100 softwood newel post . Gap between vertical balusters not to exceed 99mm. Handrail and balustrade to be capable of resisting the appropriate load specified in B.S. 5399 Pt. 1.. Balustrade to be min. 900mm high

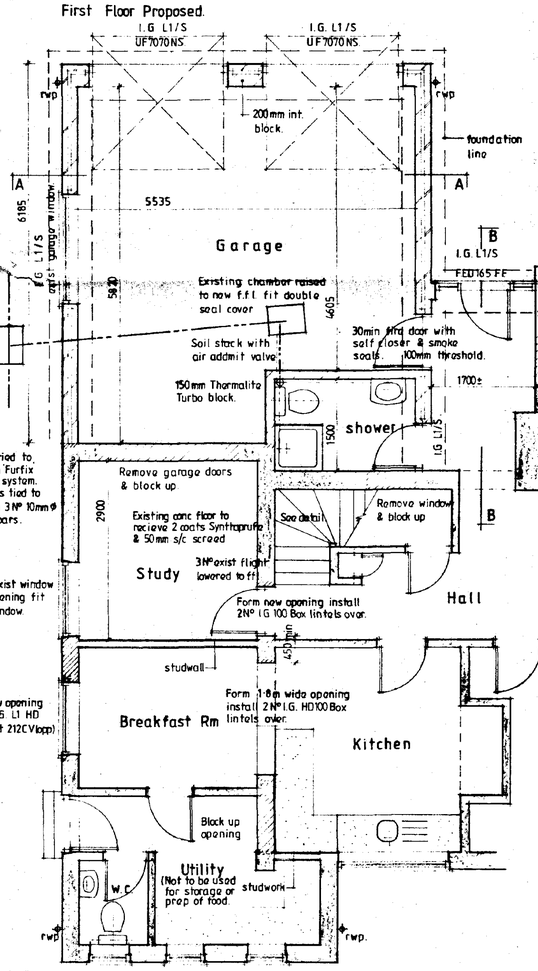
FOUNDATIONS.
Under walls as shown provide strip concrete foundations 225 x 700 all ST3 mix to B.S. 5328 1990.. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level. Where internal walls are taken up off floor then thicken out slab to 225 x 450 or if considered necessary be taken down to 225 x 450 foundation.

LINTELS.
All lintels to be as manufactured by messrs I.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 I.G. 100 Box type. Lintels in garage to be underlined with 12.7 fireline board or receive 12mm render and skim..

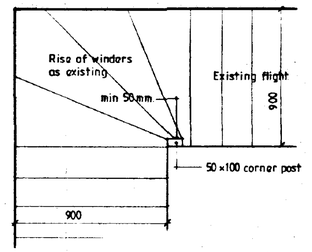
FOUL DRAINAGE.
Inspection chamber construction to be "Osma" and installed in accordance with makers instructions with the internal diameter related to the depth in accordance with B.S.8301:1985 Foul drainage pipes to be 100mm dia. UPVC. to B.S.4660:1983 Flexibly jointed and laid to makers instruction to a fall of 1:70 bed and surround with 100mm pea gravel: Where pipes pass under floors encase in 150mm pea gravel: Where pipes pass under drives surround in 150mm concrete with flexel joints to correspond with joints in pipework. Provide 65 x 100 prestressed concrete lintol bridging where pipes pass through walls, allow 50mm gap around pipe. Opening masked both sides of wall with ridged sheet material: Soil and vent pipes to be 100mm int. dia. PVC to B.S.4514: 1983 and to extend 900mm above window head terminating with PVC balloon. Waste pipes to be 40mm. dia. PVC to B.S.3943:1979 complete with rodding eyes at every change in direction: Bath, basins and sink to have 75 deep seal traps: Showers to be raised on 150mm plinth with access plate to anti-syphon trap and 50mm waste.



Ground Floor Existing.



Ground Floor Proposed.



Stair Detail 1:20.

Notes & Schedules

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29 JUN 1995
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DETERMINED
PLAN

COOPER ARCHITECTURAL DESIGN
BRONAYON, HOCKLISGATE
FLEET, SPALDING, LINCS. PE12 6HT
TEL: 0406 422762

client
MR & MRS CHITTICK

project
PROPOSED EXTENSION & ALTERATION
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SPALDING,
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drawing
FLOOR PLANS

scale	drawing no.
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