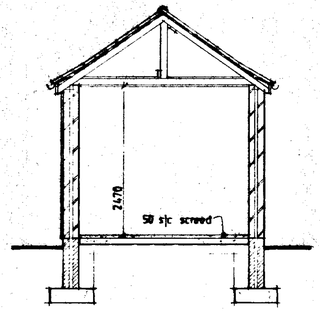
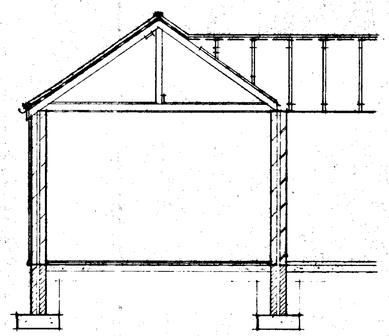
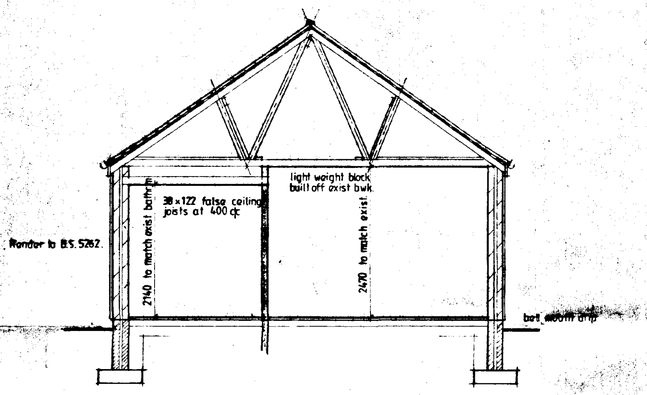


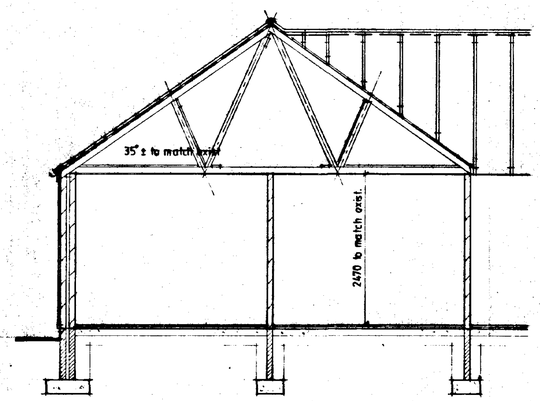
Section C - C



Section D - D.



Section B - B



Section A - A

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles (Sandtoft Standard Pattern) 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. Twinplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1985. Trusses to be fink/Queen Post type at 600c/c to a pitch of 35 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 to sun lounge remainder to have Glidevale FV100 vent to top of fascia boards. 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.

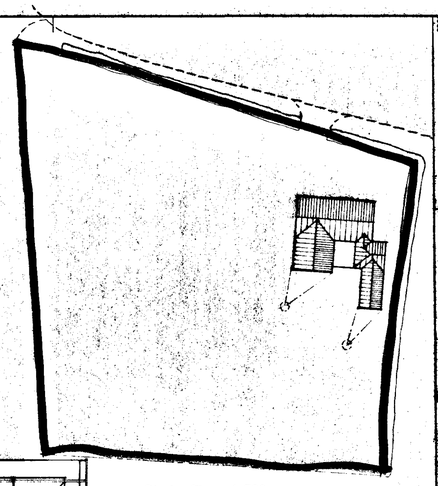
FLAT ROOF CONSTRUCTION. (WARM)
12mm white spar chippings bedded on 3 layer roofing felt, 1st layer to be asbestos based on Celotex Energy Ply EF/70 insulated roof decking. Soft wood firring pieces to fall min 1:40. All over existing flat roof. 20mm marine plywood fascia

CEILINGS.
150mm glassfibre insulation laid between joists: 12.7mm Gyproc "duplex" plasterboard Artex finish: Provide access trap to roof space: opening 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.

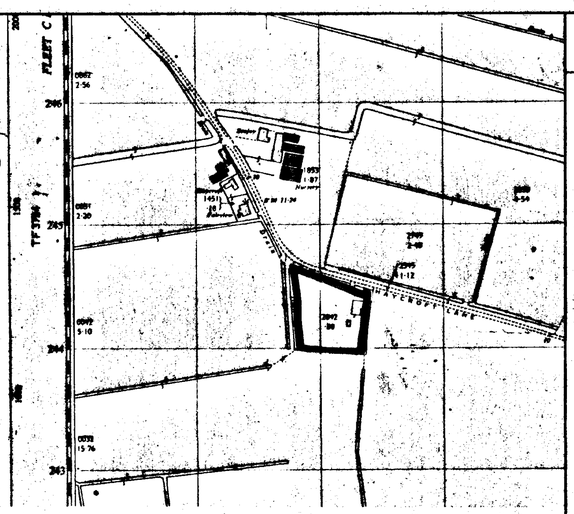
WALLING.
265 cavity walling to consist of face brickwork to B.S.3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks or 20mm sand cement render to B.S. 5262 on 100mm concrete blockwork: 65 cavity: build into cavity Rockwool cavity wall batts insulation boarding in accord. with makers instructions and agrement cert' No 83/1087 . 100mm Thermalite 'Turbo' 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 'Thermabete' 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 walls of 100mm Thermalite solid insulation blocks and to receive 10mm B/C render and 3mm skim Stud walls to consist of 38 x 100mm studs at 400mm c/c, both sides to be clad with 12.7mm plasterboard and skim. 800mm glassfibre infill between studs.

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.

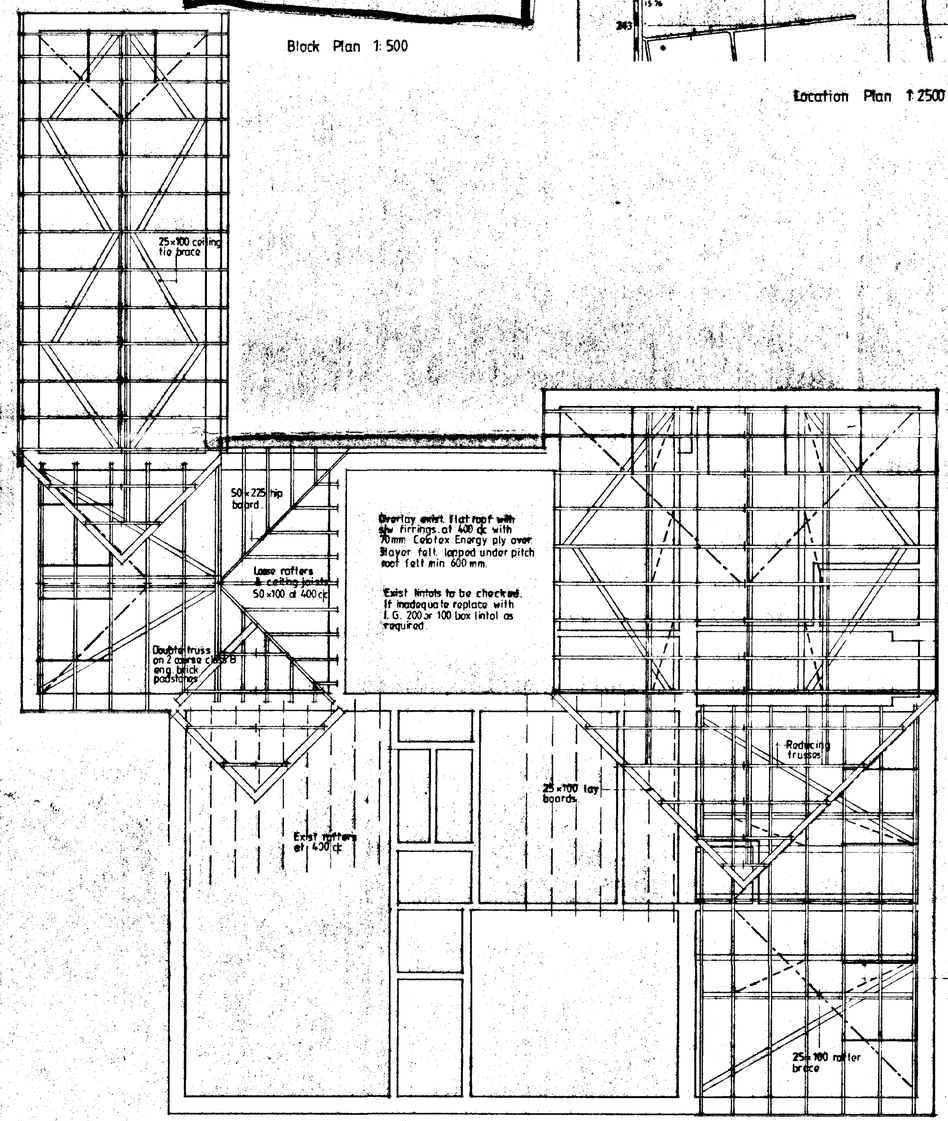
GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 20mm Celotex RFi insulation board, insert 25mm insulation board to perimeter of all oversite on 1200g polythene D.P.M. lapped continuous 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:
Alternative: Floor construction as above but 19mm T&G. flooring grade chipboard on 25mm Celotex RFi insulation board laid on oversite in lieu of screed and insulation board. Ensure 12mm expansion gap to perimeter of boarding. Use treated chipboard to kitchen and bathroom.



Block Plan 1:500



Location Plan 1:2500



Roof Plan.

DETERMINED PLAN

Notes & Schedules

SOUTH HOLLAND D.C.
PLAN DEPT.
13 JUL 1992
REF. H05/0756/92

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revision	date	init.	revision details

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TEL 0406 23768

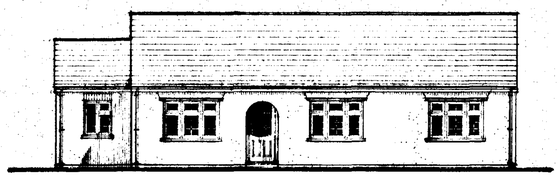
client
MR & MRS D. MOORE

project
PROPOSED EXTENSION TO BUNGALOW.
HAYCROFT LANE
FLEET
SPALDING

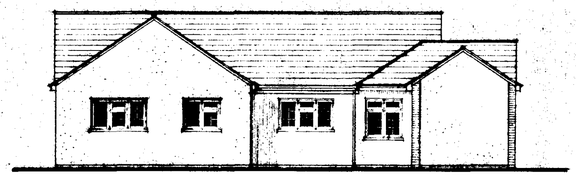
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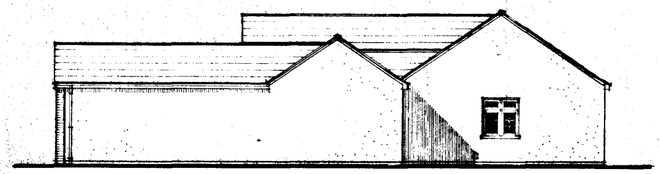
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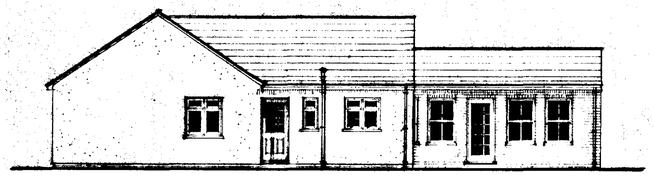
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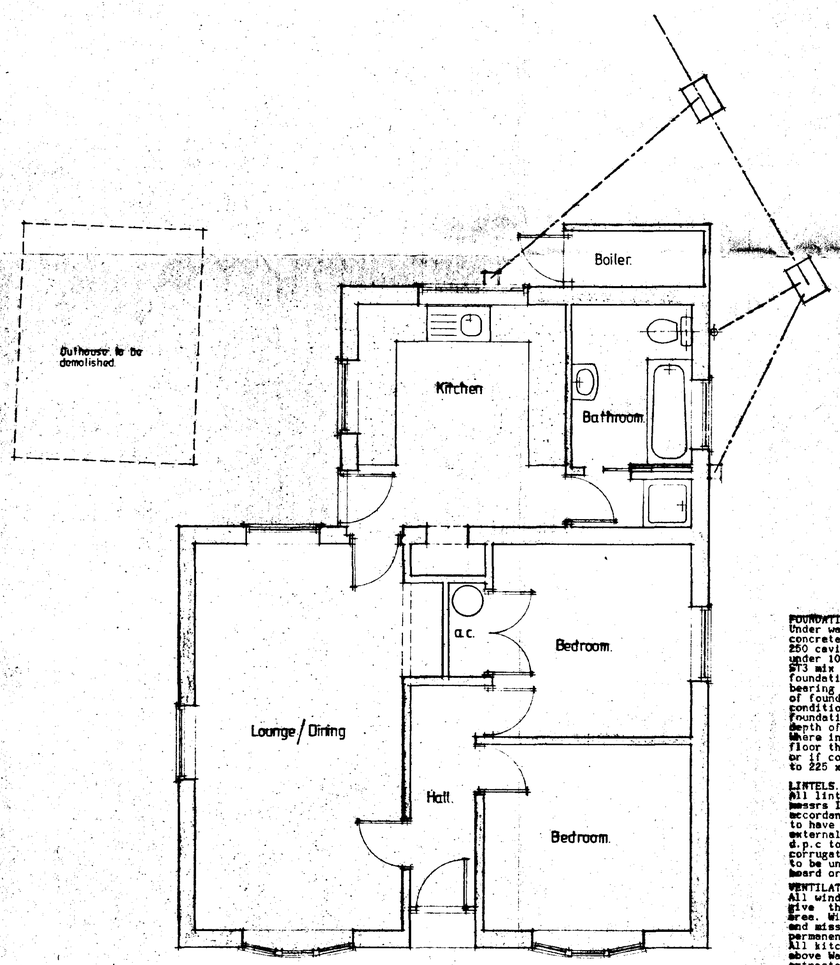
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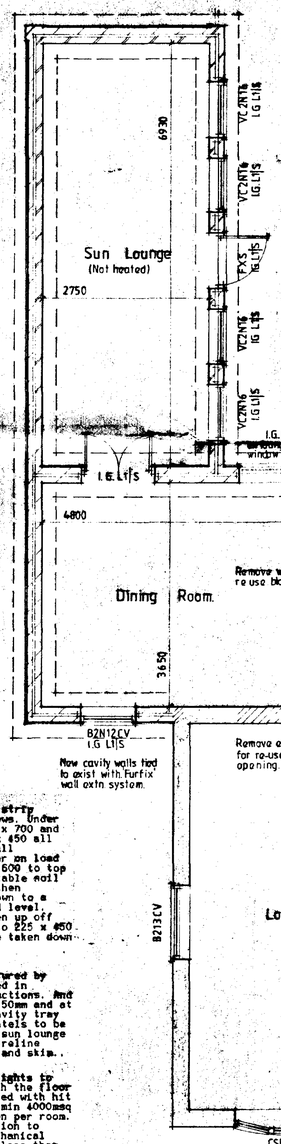
East Elevation.



West Elevation.



Plan. Existing.



Plan Proposed.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows. Under 250 cavity walls provide 225 x 700 and under 100 walls provide 225 x 450 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 DF.121: Internal lintels to be corrugated steel. Lintels in sun lounge to be underlined with 12.7 fireline board or receive 12mm render and skim..

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 4000msq permenent 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
Reposition existing oil fired boiler as shown on plan and extend existing hot water filled radiator system. All radiators to have thermostatic control valves. All hot water storage tanks and pipework to be insulated to B.S.Li part 3.

Notes & Schedules

SOUTH HOLLAND D.C.
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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.4660:1989 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: Shower to be raised on 150mm plinth with access plate to anti-syphon trap and 50mm waste.

SURFACE WATER DRAINAGE.
115 dia. half round rainwater gutters to 63 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 property throughout excluding sun lounge All Glazing between F.F.L and 800mm high and between F.F.L and 1500mm high in doors and side lights to be saftey glass to B.S. 6206.

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revision	date	init.	revision details

DETERMINED PLAN

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client
MR & MRS D. MOORE.

project
PROPOSED EXTENSIONS TO BUNGALOW.
HAYCROFT LANE
FLEET
SPALDING
LINCS

drawing

scale	drawing no
1:50 1:100	LS 9150:1
date	drawn
JUNE '92.	

SUMMIT