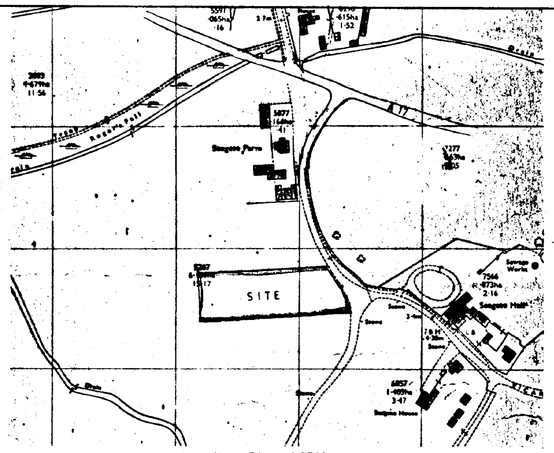
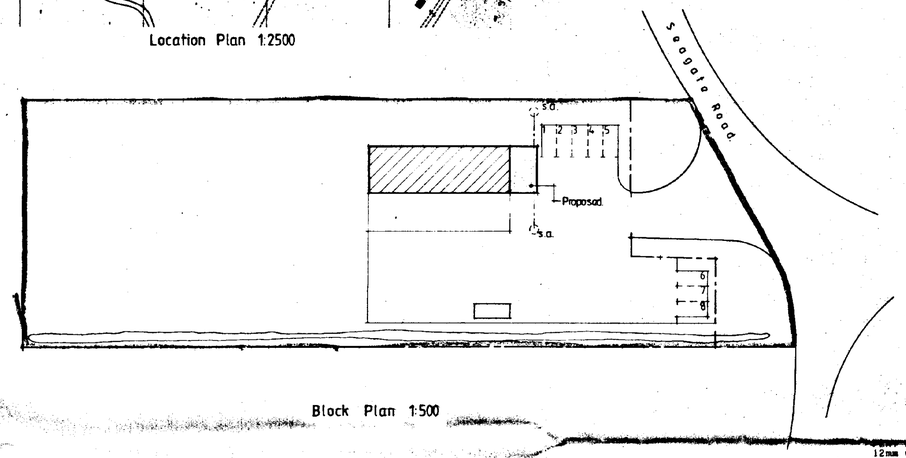
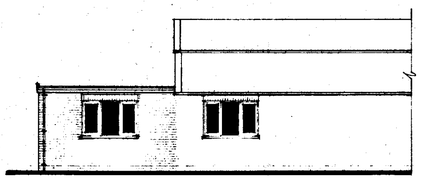


Location Plan 1:2500

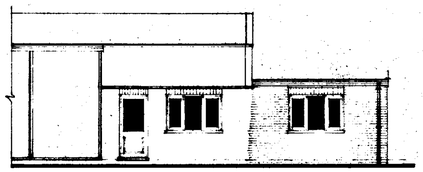


Block Plan 1:500



North Elevation.

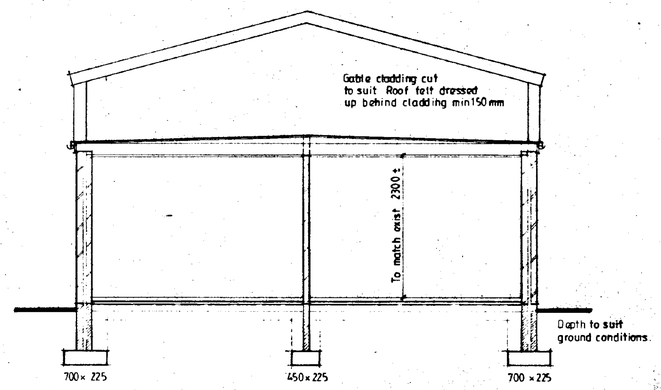
East Elevation.



South Elevation.

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.

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: Shower to be raised on 150mm plinth with access plate to anti-syphon trap and 50mm waste.



Section

Notes & Schedules

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 building.

GLAZING.
Double glaze extension 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 saftey 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 4000mmsq permanent free air ventilation per room. Kitchen to have Wall mounted mechanical extractor fan to extract not less than 60 litres per second. Toilet to be as kitchen but to extract not less than 15 litres per second which may be operated intermittently. Both to be light switch operated and have 15 minute overrun.

HOT WATER AND SPACE HEATING
Provide 'Economy 7' electric night storage heaters, and electric instantaneous water heaters/showers. All pipework to be insulated to B.S.Ll part 2.

- Emergency lighting
- (S) Smoke detector (mains operated)
- (H) Rate of rise heat detector.
- [E] 75mm Emergency Exit sign 75mm lettering
- [N] Fire procedure notice
- 9 litre water filled extinguisher
- 4.5Kg dry powder extinguisher

CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE BEFORE WORK COMMENCES
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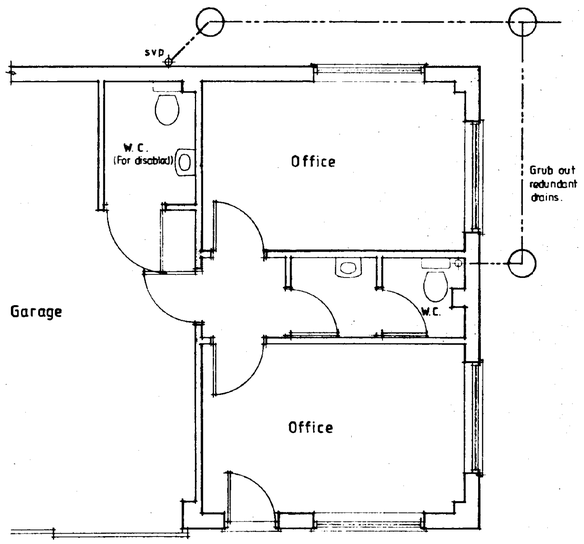
revision	date	init.	revision details



Plan Existing.

GABLE 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 closer and 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 Tarmac Hemelite solid insulation blocks and to receive 10mm S/C render and 3mm skim.

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 RF1 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.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows. Under 265 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.

12mm white spar chippings bedded on 3 layer roofing felt, 1st layer to be asbestos based on 20mm plywood decking: soft wood firring pieces to fall min. 1:40. 50 x 195 SC3 grade joists at 400 centres with 30 x 5 m.s. lateral restraint and wall plate straps at max. 1.5m c/c: Soffit complete with 10mm wide continuous air gap with fly screen.

CEILINGS.
150mm glassfibre insulation laid between joists: 12.7mm Gyproc "duplex" plasterboard Artex finish: Provide min 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled. Min. 50mm air gap over insulation.

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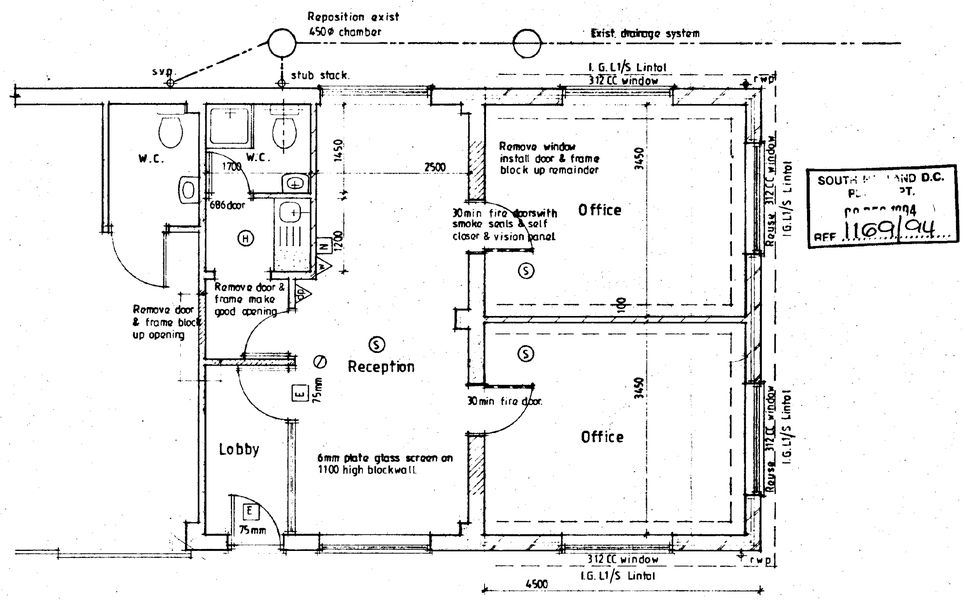

Plan Proposed.

SOUTH [illegible] AND D.C.
P[illegible]
[illegible]ST.
09 DEC 1994
REF 1169/94

COOPER ARCHITECTURAL DESIGN
BRONAVON, HOCKLESGATE
FLEET SPALDING LINCS PE12 6LF
TEL: 0406 422762

client
CAVALIER SMALL PARTY TRAVEL

project
PROPOSED OFFICE EXTENSION
SEAGATE ROAD,
LONG SUTTON,
SPALDING,
LINC'S.

drawing
DETERMINED PLAN

scale	drawing no.
1:50 1:100	94017
date	drawn
DEC. '94	

SUMMIT D.O.S. 941079