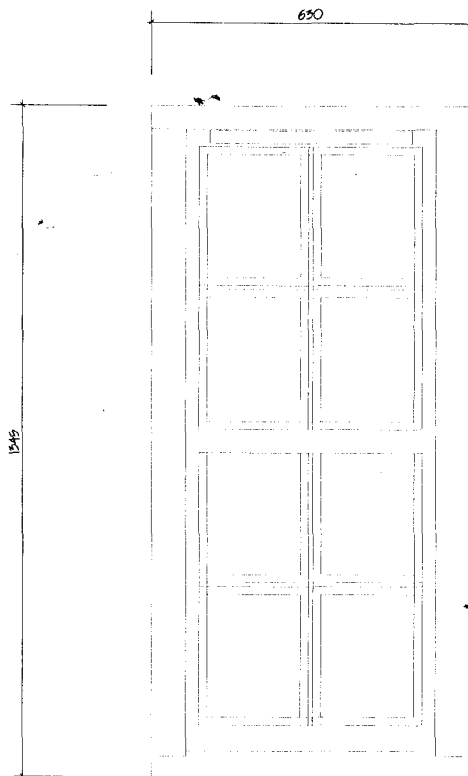


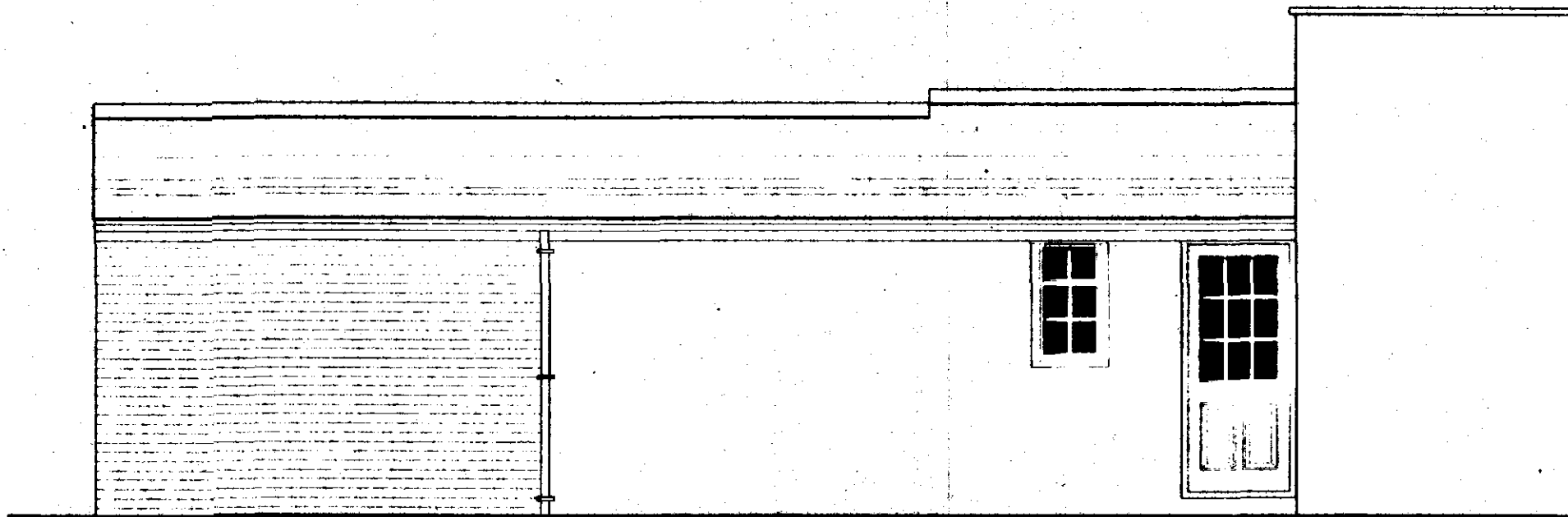


WINDOW DETAIL 1:10

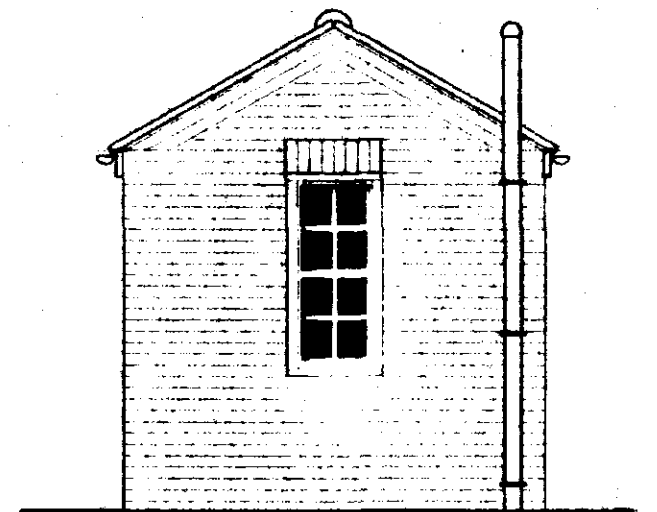
PROVISION OF NEW BATHROOM TO DISABLED
PERSONS ACCOMMODATION.
'LINDEN HOUSE'
CHURCHGATE, CEDNEY,
SPALDING, Lincs.

5/20/99
14 JUL 1999
678/99

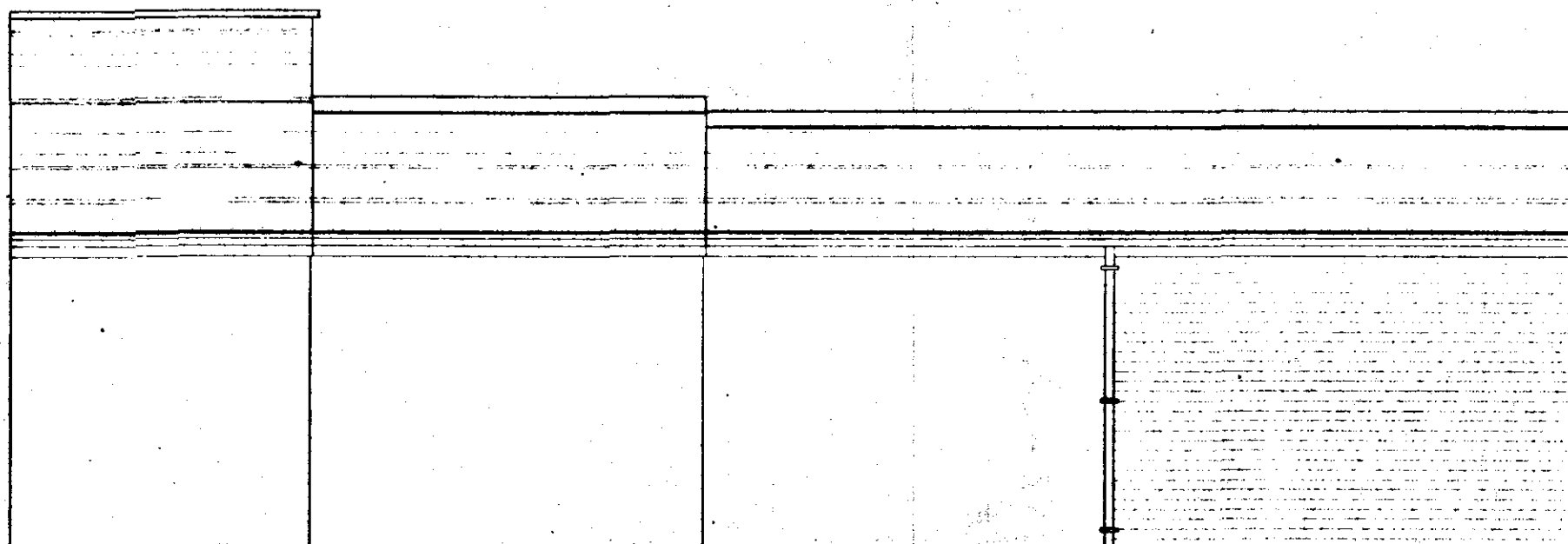
DETERMINED
PLAN



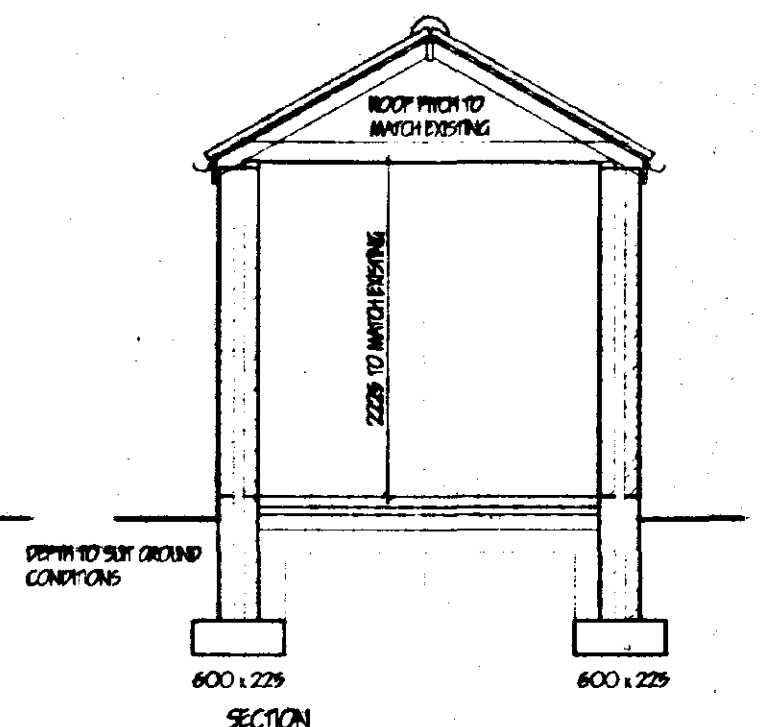
SOUTH - EAST ELEVATION



SOUTH - WEST ELEVATION



NORTH - WEST ELEVATION



SECTION

PITCHED ROOF CONSTRUCTION.

Natural Pine/Black Slate, on 25 x 38 softwood-treated battens on underfelt to B.S. 747 (type IF) and in all cases to be lapped by 150mm both vertically and horizontally. Slates to be laid with min. headlap of 100mm 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. 47 x 100 rafters: 47 x 125 ceiling joists: 38 x 150 rafter board. Trusses to be at 600c/c to a pitch of approx. 50 deg. Check on site. All trusses to be strapped to wall plate by 30 x 5 galvanneal metal straps acting as anchor and lateral restraint straps at max. 1.5m c/c. Note: provide solid bracing 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.

CEILING.

200mm glassfibre insulation total thickness. 100mm between joists & 100mm over joists. 12.7mm Caspro plasterboard 5mm skin finish. Provide min. 38 x 58 supports to all plasterboard edgaps. All joints to be taped and filled.

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 agreement cert. No. 89/1087. 100mm Tarmac Hemelite solid insulation blocks or similar: Cavity walls tied together using galvanneal iron twist ties set 900 horizontally and 450 vertically to B.S. 1243:1975 wall ties positioned at 500 vertical centres at all unbonded closures of cavity. Close cavities with "Thermobrite" preformed closer and provide bitumen felt DPC to CP. 121. External walls to have min. "U" value of 0.45 W/m² deg. C.

SLAB STRUCTURE WALLING.

100mm dense concrete blocks to B.S. 6075 pt 1 1991: DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level. Work min. concrete fill 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 500q polythene D.P.M. on 50mm Polystyrene insulation board on 1200q 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 overcoat: Concrete min. CEM4 to B.S. 5528: pt 1 1991: 150 bladed and consolidated hardcore.

GLAZING.

Double glass property throughout (minimum 6mm air gap to all units). All glazing between F.F.L. and 500mm high and between F.F.L. and 1500mm high in doors and side lights to be safety glass to B.S. 6206. All windows/ doors to be draught sealed.

VENTILATION.

All windows to have opening height to give the equivalent of 1/20th the floor area. Provide background ventilation min. 4000mm sq permanent free air ventilation Provide Wall/ Window mounted mechanical extractor fan to Bathroom to extract min. 15 litres per second which may be operated intermittently.

HOT WATER AND SPACE HEATING.

Extend existing system as required. Provide timer switch and suitable thermostat to dwelling or fit thermostatic valves to all radiators. Hot water system to be thermostatically controlled with timer switch and to be vented. All hot water storage tanks and pipework to be insulated to B.R. U. part 5.

GENERAL.

All electrical installations to be in accordance with the latest I.E.E. Regulations. All new surfaces, timber, plaster etc. to be painted to clients requirements.

FOIL DRAINAGE.

Inspection chamber construction to be "Osmat" and installed in accordance with makers' instructions with the internal diameter related to the depth in accordance with B.S. 850:1986. Fall drainage pipes to be 110mm dia. UPVC, to B.S. 4660:1985 flexible, jointed and laid to makers' instructions to a fall of 1:70 bed and surround with 100mm pea gravel: Provide 65 x 100 prestressed concrete lintel bridging where pipes pass through walls, allow 50mm gap around pipe, opening marked both sides of wall with ridged sheet material: Soil and vent pipes to be 110mm dia. PVC to B.S. 4514: 1989 and to extend 900mm above window head terminating with PVC balcony. Waste pipes to be 40mm dia. PVC to B.S. 3945: 1979 complete with rodding eyes at every change of direction: Bath, basins and sink to have 75 deep seal traps: Shower to be raised on 150mm plinth with access plate to anti-siphon trap and 50mm waste.

SURFACE WATER DRAINAGE.

115mm dia. half round rainwater gutters to 65mm dia. rainwater pipes: 110mm dia. underground pipes flexibly joined 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.

LAP SCREED TO FALLS PIT
WHEN THE SHOWER DRAIN
FLOOR FINISH TO BATHROOM TO
BE "ALTER" OR SIMILAR NON SLIP VINYL

EXTRACTOR FAN

R.W.P.

R.W.P.

R.W.P.

R.W.P.

R.W.P.

R.W.P.

PLAN PROPOSED

PLAN EXISTING

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 CEM4 min to B.S. 5528: pt 1 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.

LINERS.

All liners to be manufactured by Messrs. I.G. and to be installed in accordance with makers' instructions, and to have min. and bearing of 150mm and at external positions to have cavity tray D.P.C. to CP. 121. Provide Perp-end weep holes and slopends to cavity tray

R.W.P.

R.W.P.

R.W.P.

revision	date	init.	revision details.



COOPER ARCHITECTURAL DESIGN

BRONAVON, HOCKLESGATE,
FLEET, SPALDING, Lincs PE12 8LF
Tel/Fax : 01406 423762 Mobile 0410 290852

Client

MR W. BREESE.

Project

PROVISION OF NEW BATHROOM TO DISABLED
PERSONS ACCOMMODATION.
"LINDEN HOUSE"
CHURCHGATE, CEDNEY,
SPALDING, Lincs.

Drawing

DETERMINED
PLAN

Scale

1:50

Drawing No.

9768

Date

JUNE '98

Drawn.

J.C.

RECEIVED
MEASURING & PLANNING
- 1 JUL 1998
Ref: 0678/98