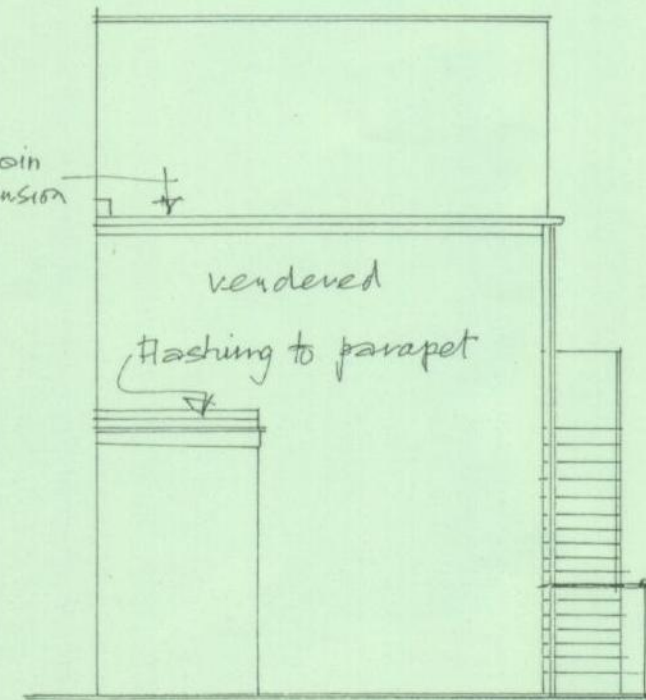
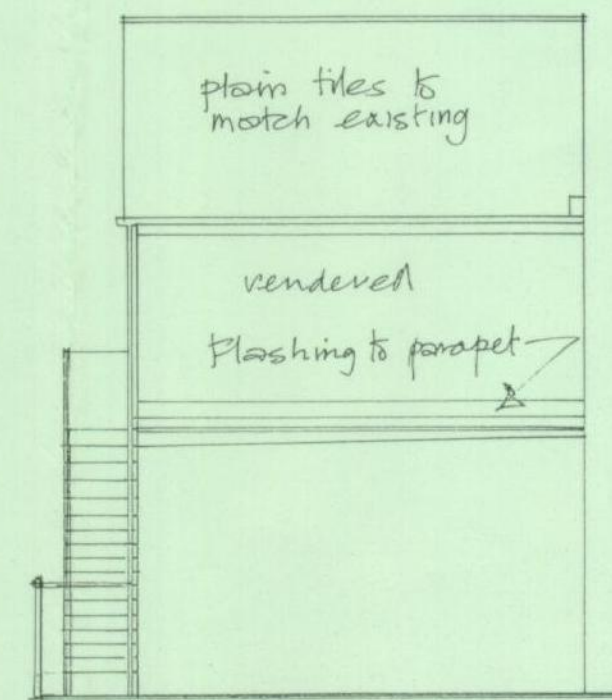




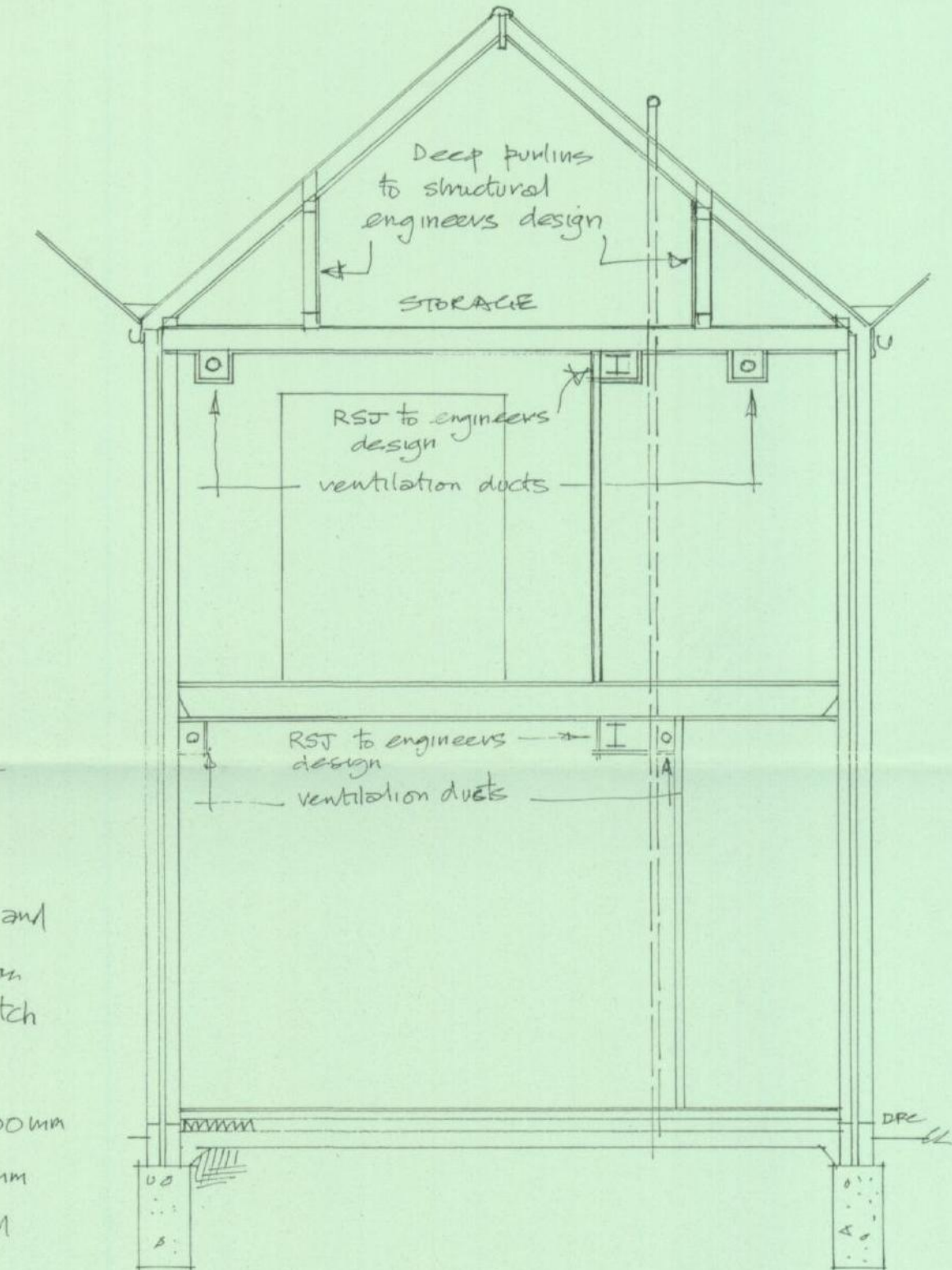
REAR ELEVATION



SOUTH ELEVATION



NORTH ELEVATION



SECTION

FOUNDATIONS: 1200 mm deep concrete strip

G.FLOOR: 75 mm 1:6 sand and cement screed reinforced with PA 142 A BRC mesh on 70 mm Rockfloor, 1200 gauge DPM, 150 mm concrete slab on 150 mm rammed hardcore.

WALLS: Rendered 100 mm super solar blocks 75 mm fully filled cavity with Rockwall cavity wall batts & 100 mm super solar blocks lined 12.5 mm plasterboard on dabs to provide 0.30 W/m<sup>2</sup>K U value.

FIRST FLOOR: 225 mm x 50 mm SC3 joists at 400 mm c/c's, 18 mm chipboard underlined 12.5 mm plasterboard

SECOND FLOOR: 150 mm x 50 mm SC3 joists at 400 mm c/c's, 18 mm chipboard

DOORS: All doors on circulation routes are to have vision panels with a minimum zone of visibility between 900 mm and 1500 mm above floor level.

SMOKE/FIRE ALARMS: SFA alarms are located throughout the building. Automatic Type A electrically operated to comply with BS 5839.

EMERGENCY LIGHTING: is to be provided to all windowless rooms, including toilets and all escape routes to comply with BS 5266 Part 1 2005

WINDOWS: UPVC double glazed windows

14 mm air gap argon filled with Pilkington K glass. trickle vents 8000 mm<sup>2</sup> 1/20<sup>th</sup> floor area to be opening

VENTILATION: The kitchens and toilets will have extract fans operating 6.30 litres per second and extended to windowless offices Also to all windowless rooms

ROOF: Plain tiles, 50 mm x 38 mm tiling battens

2L2 Super R Class O tile underlay

25 mm ventilation space

75 mm Celotex insulation supported on nails

25 mm ventilation space

2L2 vapour barrier with top hat clips

12.5 mm plasterboard to produce a U value of 0.2 W/m<sup>2</sup>K

PARTITIONS: The partitions to the walls of the staircase and firelobbies are to be of 100 mm x 50 mm timber studs at 600 mm c/c's, braced and tied with noggin with linings of 12.5 mm plasterboard each side, joints taped and filled. Walls skimmed with plaster and decorated. To provide 30 mins fire resistance

ABOVE GROUND DRAINAGE: Pre 150 mm single ventilation stack pipe. Branches 100 mm to WCs 50 mm to kitchen sinks, urinals and wash basins.

EXTERNAL STAIRCASE

Steel staircase designed by specialist max rise 200 mm min going 240 mm with open visers/treads to over lap by 20 mm. guarding 900 mm for flight and 1100 mm for landings. openings less than 100 mm. Clear width of 900 mm. 42° pitch

DISABLED ACCESS

Access ramp 1:15 fall at a clear width of 1000 mm minimum. Slip resistant surface. 800 mm minimum entrance door. Flush threshold

FIRE ALARM AND DETECTORS

installed throughout the offices

one disabled car bay to be provided to the car park 3600 mm x 4800 mm with signage.

water seal traps 50 mm for WCs and 75 mm for sinks and wash basins laid to a self draining fall of 1:80 depending on branch length. Rodding points on branch pipes and inspection panels to the SUMP, opposed branch connections are to be avoided.

SCALE 1:100 and 1:50  
LLOYD STEWART