

**Gravity Floors** 

**GENERAL NOTE:** All work is to be done in accordance with the Local Authority Regulation and by-laws as well as the National Building

**BUILDING NOTES:** Brickforce to be used every course for 5 courses above and below openings, otherwise brickforce to be used every 5 courses. Prestressed rc. lintols to be installed over any openingof more than 1000mm. Expansion joints are to installed as indicated by the Structural Engineers and to their details. All levels and dimensions to be taken in preference to scaling. All dimensions are given in mm unless otherwise stated. Depth of foundations to be determined on site by Engineer. Any discrepancy to be reported to the Architect immediately. All dpc's to carry SABS mark. Brickgrip dpc under all brickwork and All habitable rooms to have minimum floor to ceiling height of 2400mm. All habitable rooms to have a minimum of 10% natural light and 5%

ventilation as a percentage of the floor area. All timberto be built into brickwork is to be wrapped in 250u plastic. Detail drawings to take preference over general plans.

**ROOF NOTES:** See notes on drawing.

**GLAZING**: Any glazing istalled less than 300mm above finished floor level Is to be safety glass. All glazing greater than 1sqm to be safety glass. Otherwise glazing to be 4mm float glass unless otherwise specified.

Handrail to be 1000mm above finished floor level. Risers not to exceed 200mm. Treads not to be less than 250mm. Width of stair to be 750mm minimum. Head room to be 2100mm minimum.

**VENTILATION:** Fresh air to be supplied at 7.5l/s per person. Air to be evenly distributed throughout all habitable areas and the velocity is to be 0.5m/s.

DRAINAGE: I.E's to all bends and junctions. I.E's to have marked covers at All waste pipes to be accesible for inspections and repairs Reseal traps to all waste fittings All joints in UPVC and polyethylene piping to be of the Drains under buildings to be encased in 150mm concrete. down pipes are to discharge not less than 150mm obove finished ground level onto precast rainwater channels. Rainwater is to be disposed through a rainwater disposal system that is to be decided on site. Waterproofing is to be taken into outlets and flashed against vertical surfaces.

SOIL POISONING: Soil is to be poisoned against the inside of foundation walls and under floors with soll insecticide according to SABS 0124

ALL TIMBER IS TO BE CCA TREATED

**REVISIONS:** 

henry paine + barry gould

architecture space planning restoration urban design adaptive re-useinterior design

PROJECT

Proposed Alterations to 11th Floor Senate House

WITS UNIVERSITY

sections A-A to F-F

june 2009

DRAWING No.

REVISION

1:50

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