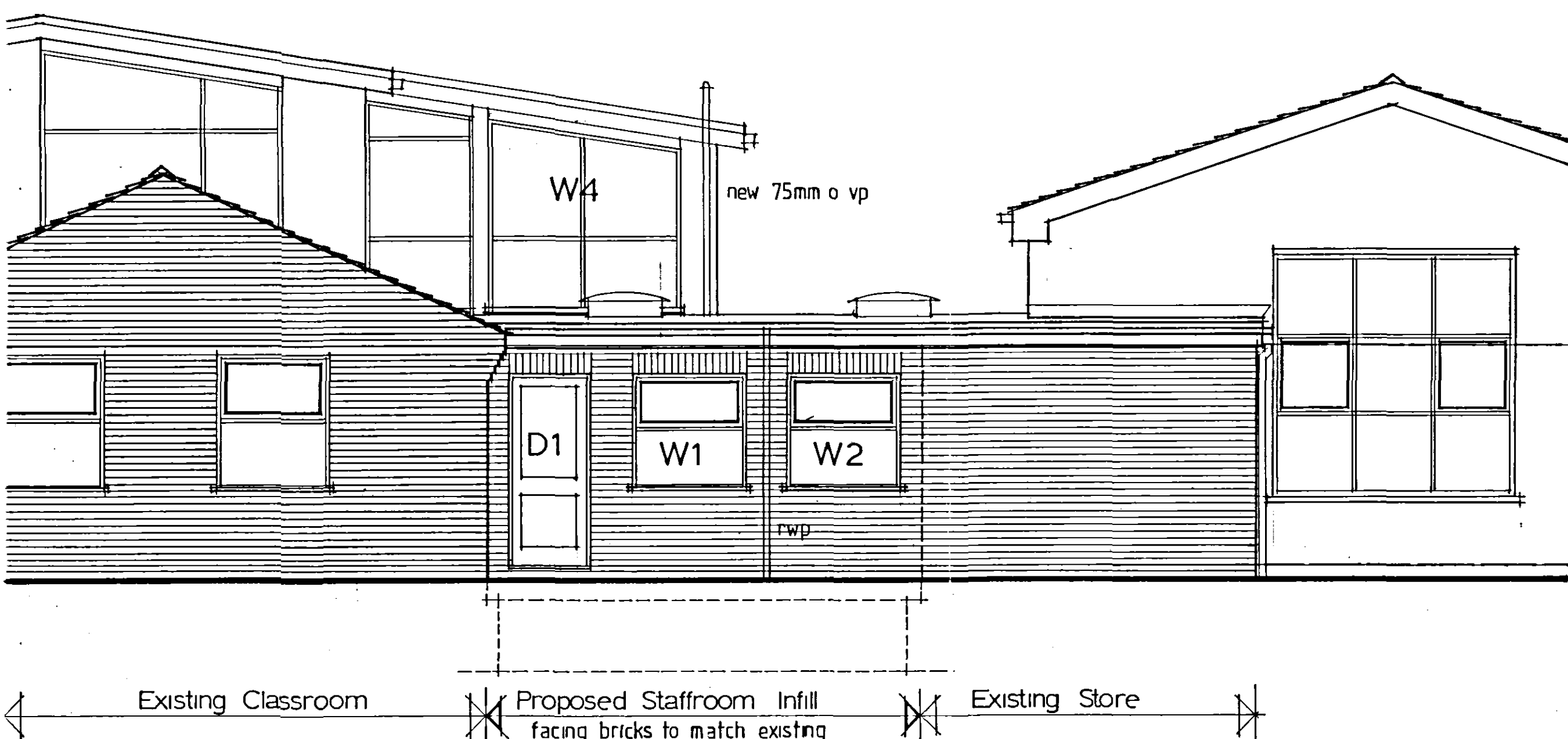
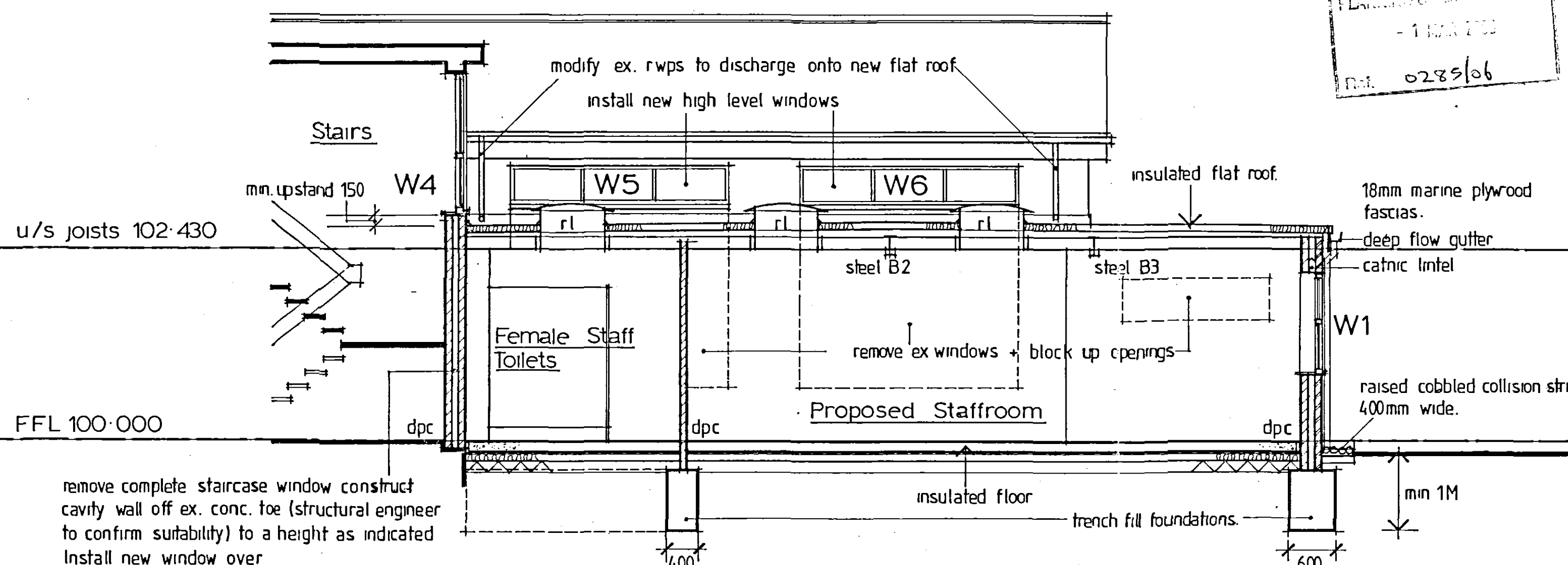




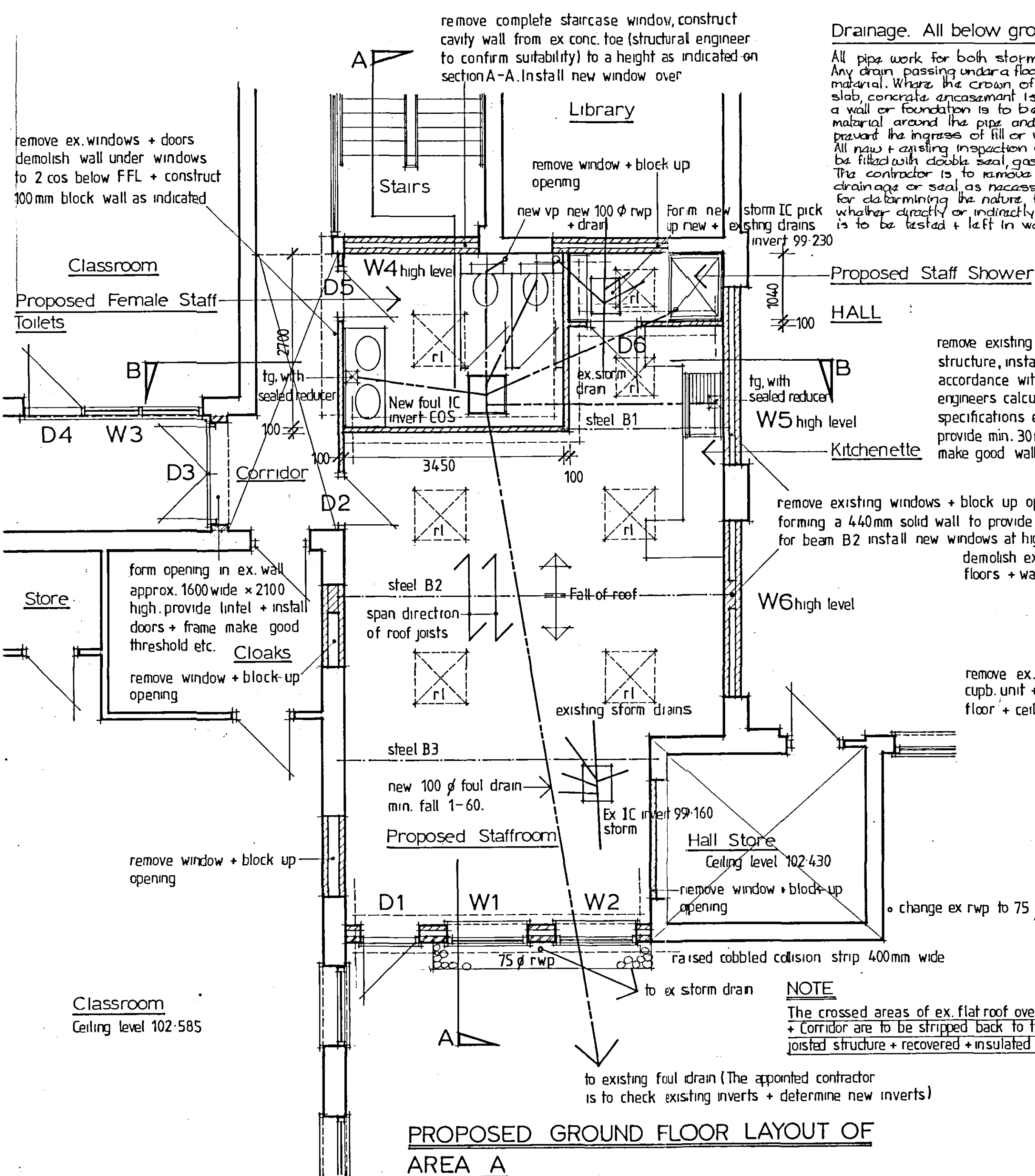
PART SOUTH ELEVATION SHOWING PROPOSED STAFFROOM INFILL



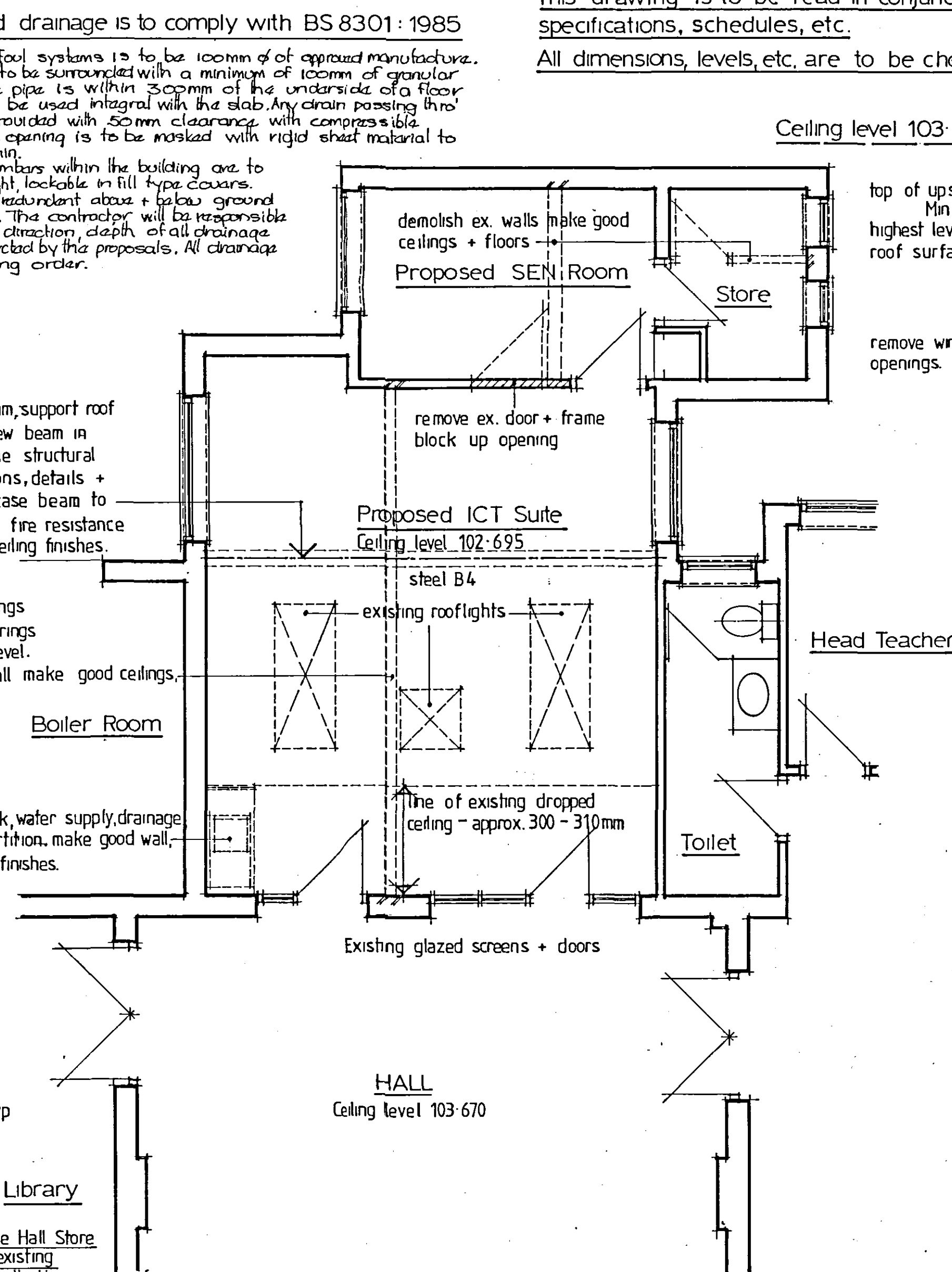
SECTION A-A

This drawing is to be read in conjunction with all other relevant drawings, specifications, schedules, etc.

All dimensions, levels, etc. are to be checked by the appointed contractor



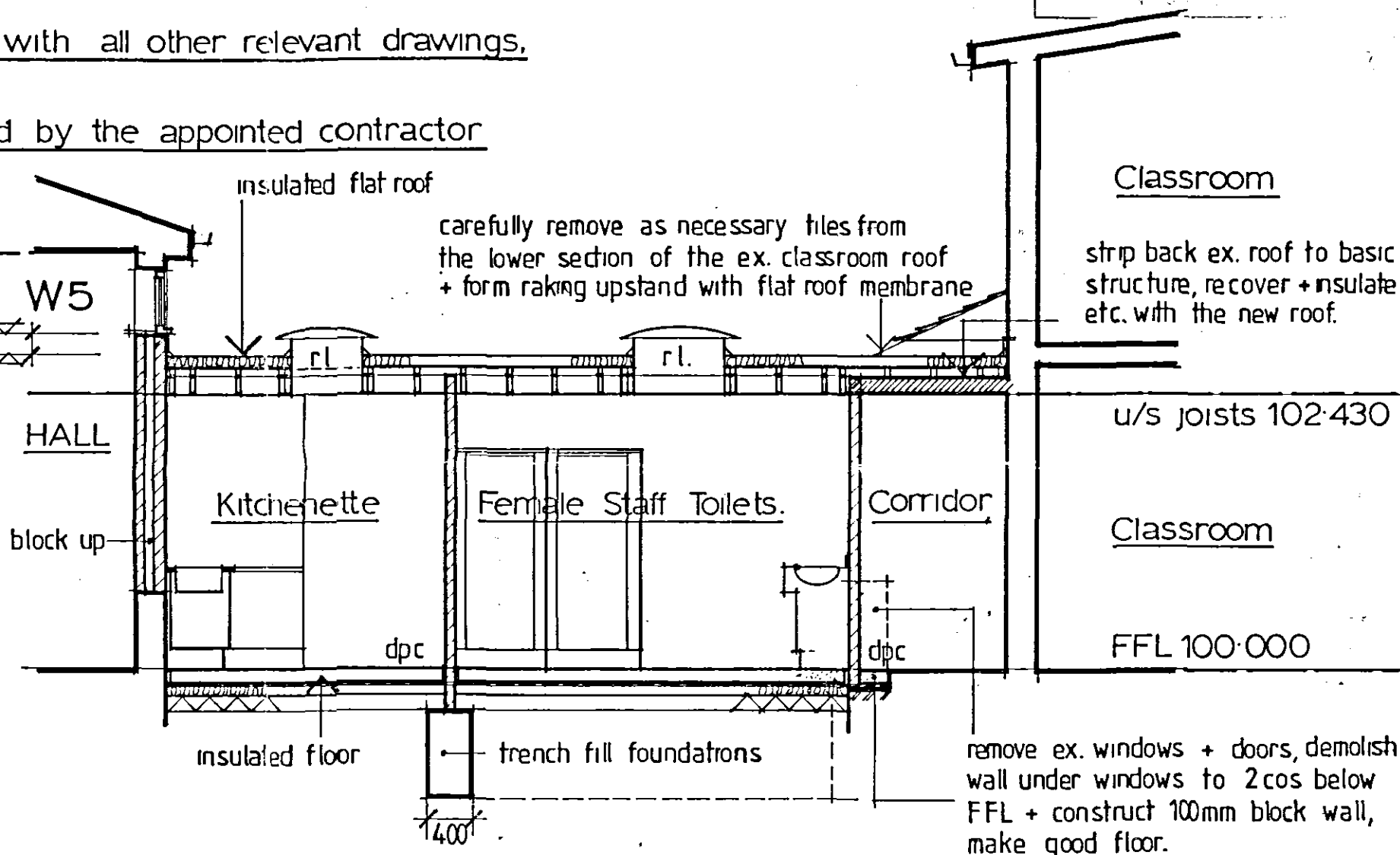
PROPOSED GROUND FLOOR LAYOUT OF AREA A



PROPOSED GROUND FLOOR LAYOUT OF AREA B

Client The Governors St Norberts RC Primary School, Tollgate, Spalding, Lincolnshire.	
Job Formation of Staffroom, SEN Room, Larger ICT Suite, Female Staff Toilets, etc.	
Title Floor Layouts, Sections + Elevation as Proposed	
C.P. ASSOCIATES CHARTERED SURVEYORS BUILDING CONSULTANTS Braemar Court, 131a Melton Road, Syston, Leicester, LE17 2EN. Telephone 0116 260 7211 Facsimile 0116 260 5511	
Dwg. No. 480-2	Date Feb '06
Scale 1-50	Drawn by JG

DETAILED
PLAN



SECTION B-B

GENERAL NOTES

Foundations

Foundations to cavity walls to be 600mm wide - 100mm walls 400mm wide. All foundations are to be minimum of 100mm below the finished ground level. All foundations are to be trench fill, minimum concrete depth 800mm conc mix Gen 3.

Walls. minimum U value 0.35W/m²K

Cavity walls are to be 290mm thick, comprising outer skin facing brick, 80mm Redwool cavity wall batt full fill insulation, inner skin, medium density 100mm load bearing block with 2 coat plaster finish. Internal walls to be 100mm load bearing block plastered both sides. Walls below ground level are to be constructed with hard burnt common or 7KN block. All cavity walls are to be tied with s/s ties at 750mm $\pm$ horizontally, 450mm vertically. Additional ties are to be incorporated at all openings. New brickwork is to be tied to the existing with 'catnic' 'stronghold' s/s wall connectors.

Damp proof courses etc.

Horizontal d.p.c.s to walls are to be 'Parnagrip' located in each leaf of cavity walls or single leaf partition walls at floor level. Vertical d.p.c.s to openings are to be combined d.p.c. + insulated cavity wall closers.

Steelwork + Lintels

All steelwork is to be in accordance with the structural engineers calculations/details etc. All lintels in cavity walls are to be catnic insulated metal tray type. Lintels to internal block walls are to be prestressed concrete. All lintels are to have 150mm end bearings and are to be sized by reference to the manufacturers load/span tables for each application.

Ground floor. minimum U value 0.25W/m²K

Floor finish on 20mm paving grade asphalt on 125mm concrete floor slab, conc. mix RC35 on 1200 gauge polythene d.p.m. returned up to the slab perimeter to meet the wall d.p.c. on 100mm Floorcrete 350 insulation with 25mm slab edge insulation, on 25mm sand blinding on 150mm consolidated hardcore on consolidated sub-base.

Flat roofs. minimum U value 0.25W/m²K

Watertight membrane as specified applied in strict accordance with the manufacturers specifications on 80mm insulation as specified on approved vapour control layer on 18mm marine plywood deck screw fixed to 100mm + 25mm x 50mm tan. p/w fixings on 150mm x 50mm s.c.t. grade tan. s/w joists at 400mm centres built into masonry or notched into steelwork. Joists are to be doubled up + mechanically fixed to girths at rooflights. All ceilings are to be finished with 12.5mm foil backed plasterboard with 3mm skim coat finish. All rooflights are to be designated AA and have insulated + ventilated upstands. All rooflights are to be finished with 12.5mm foil backed plasterboard with 3mm skim coat finish.

Windows + Doors. thermal break metal frames, double glazed, minimum U value 0.22W/m²K

Aluminium powder coat finish frames, min. thermal break 4mm. All glazing is to be toughened + formed into double glazed units with Argon filled cavities + low E coated inner pane. All opening lights are to be fitted with limiting stays. All glazing is to comply with BS 6206.

Ventilation

All occupiable rooms are to be provided with rapid ventilation (windows) equal to 5% of the floor area in which they are located. Background ventilation is to be via trickle vents located in the window frame. Heads-for rooms over 10m² of floor area. Mechanical ventilation is to be provided for the shower area at an extract rate of 15 litres/sec. Sanitary accommodation at an extract rate of 6 litres/sec per w.c. Kitchenette 60 litres/sec.

Surface spread of flame, fire resistance.

All circulation areas are to have a surface spread of flame designation of Class '0', all other areas Class 1. All doors leading out of circulation areas are to have a minimum fire resistance of 1/2 hour + be self closing. All structural steelwork is to have 30mins fire resistance casing.