Roof:
Code 7 sand cast lead over the entire Vestry roof and in accordance with the Lead Sheet Association recommendations and as follows. King roll wood cored rolls between bays. Two lengths of lead in each bay with staggered laps. Lap of sheet on roof 450mm. Each sheet held by two rows of copper clout nails at 75mm centres with first row 25mm from top. Additional nails in top third of undercloak only 150mm apart. 2 no. clips on bottom edge across bays. Clips turnedwith 6mm gap for thermal movement. Clips to be tern coated stainless steel 0.38 mm thick. Rolls clipped at 450mm centres with 3 no. copper nails. Roll ends to be lead welded. " no. concealed clips to eaves at each bay with lead turned down approximately 75mm to gutters. Lead taken up 75mm abutment with new parapet wall with cover flashing wedged and pointed as existing. Cover flashing Code 6.

Over the underside lead, paint a covering of chalk paint. Paint it on so it is smooth.It will dry quickly. Lay lead when this has dried hard. Do not paint lower 300mm lap of lead sheet. Chalk paint ref PPD046-4 to be obtained from Plaspertex Paint Co Ltd, Mereside Industrial Estate, Soham, Cambs. (tel 01353 720796)

Lead to be laid over softwood boards. Roof to be insulated with 200mm total thickness of Rockwool insulation board laid between and fixed to the underside of the rafters.

Rafters to be 50mm x 150mm SC3 grade rafters at 400mm centres with 63mm x 175mm SC3 grade purlin at mid span.

External walls :
Walls below dpc to be class 'B' engineering brick with plinth offset to external
leaf, 75mm cavity filled with weak mix concrete to 150mm below dpc level, and 100mm class 'B' engineering brick inner leaf. Plinth to external leaf to match the profile of existing adjoining plinth.

Walls above dpc level to be 200mm thick re-used stone external leaf with 75mm cavity filled with 75mm Rockwool insulation batts with 100mm blockwork inner leaf. Blockwork to be Plasmor Aglite density 1050Kg/m. Stone to be bedded and pointed on natural bed in 1:3 lime mortar. Cavity to be tied with stainless
steel ties at450mm vertical centres and 900mm horizontal centres.

Walls to incorporate buttresses, stone plinths and sloping cornice details to match existing adjoining walls. Walls to have u-value of 0.35.

Foundations:
Foundations to be 750mm wide x 800mm deep mass concrete trench fill foundations. Top of foundations to be 400mm below ground level.

Ground Floor :
Ground Floor to be suspended floor construction with 63mm sand/cement screed reinforced with chicken wire on 60mm Celotex Double-R (ref: GA2060) insulation laid in accordance with manufacturers recommendations on Visqueen 1200 gauge dpm taken up and lapped with dpc on precast concrete beam and block floor laid in accordance with manufacturers recommendations. Structural calculations to be provided by the specialist precast concrete floor company before the units are put into manufacture. Void below the precast floor to be ventilated with Ryton periscopic vents. The suspended floor void ground is to be treated with herbicide to prevent vegetation growth.

Beam ends nearest to the Abbey to be supported on 225mm thick engineering brick wall on foundation as indicated on the drawing.

Intermediate Floor :
Intermediate floor to be 50mm x 220mm SC3 grade floor joists at 400mm centres. Noggins to be provided in thirds. Floor to have a floorboard finish. Joists to be supported on plates bolted to the wall.

Ceilings:
Ceiling to intermediate floor to be timber boarded finished with a beeswax and turpentine finish fixed to the underside of the floor joists. Ceiling to first floor to be 12.5mm foilbacked plasterboard and 5mm skim fixed to the underside of the rafters.

Windows:
New windows and stone surrounds externally to be formed in new stone. Internal arch to be formed with IG preformed arch.

Limestone jambs and mullions to all windows. Glazing to be leaded lights to match the existing in the Abbey north walls.

Doors:
External door to be solid oak panelled door with re-used stone threshold. Door to be 900mm wide. Door arch surround to be formed using new stone externally and IG preformed arch internally. Internal doors to be oak panelled doors.

Internal Walls:
Studwork partitions to be 50mm x 100mm stud partitions with 75mm x 100mm sole and head plates with studs at 600mm horizontal centres and 900mm vertical centres, with 12.5mm plasterboard to both sides and 5mm skim.

Blockwork walls to be 100mm thick Plasmor Aglite built off precast concrete floor, plastered on both sides in 13mm plaster in two coats.

DPC's :
Dpc's to be bitumen type to structural openings and 150mm above ground level to all external loadbearing walls.

Drains:
Surface water and foul water drains to be Hepsleve clay drains at 1:40 fall bedded and surrounded in 150mm pea shingle. Surface water drains to connect to existing drains. Foul drains to connect to new foul manholes and then to mains sewer in road into foul manhole ref no. 1302. Provide a pc lintel over any drain where it passes through loadbearing construction.

Manholes:
Manholes to be constructed in 225mm class 'B' engineering bricks on a concrete base with heavy duty access covers

Rainwater:
Re-use existing cast iron rainwater goods redecorated and adapted to suit. Provide rodding access at the base of the pipes.

Lintels:
Lintels to be from I.G. insulated type to walls as indicated on the drawings to be installed in accordance with the manufacturers recommendations.

Mech. Vent:
Mechanical ventilation to the kitchen to have a rate of 60 litres per second. Mechanical ventilation to the W.C's to have a rate of 15 litres per second. Extract fans to W.C's to be operated by the light switch and to have a 15 minute override.

Straps:
All structural timbers to be strapped to masonry at the bearing at 1200mm centres and laterally over rafters and joists at 1800mm centres with galvanised m.s. straps.

Wall plates to be 50mm x 100mm strapped over masonry.

Wall ties:
Wall ties in external wall construction to be stainless steel at 900mm horizontal centres and 450mm vertical centres staggered alternate courses.

Cavity closers:
Cavity closers to be 'Themobate' type cavity closers to all structural openings in the external walls.

Wastes:
Wastes from W.C. to be 100mm dia. Upvc, 50mm dia. from basin and 38mm dia. from sink. SVP and stubstack to be 100mm diameter with rodding access at the base of the stack. Back inlet gulley to be provded to take waste from kitchen sink.

Sanitary Fittings:
W.C. and wash hand basin to be provided to the W.C. off the lobby.

Document M pack complete with W.C., wash hand basin and all associated hand rails etc to be provided to Disabled W.C.

All sanitary fittings to have 75mm deep seal traps.

Stairs:
Stairs to be seasoned oak stair, balustrade, newels, handrail and landings.
Stair to be 850mm wide with 25mm thick risers 190mm high with 32mm thick treads with a going of 225mm wide with a bull nose overhang to the treads.
Strings to be 38mm x 250mm grooved to take rise and going. Handrail to be 50mm dia grooved to take 25mm x 25mm balusters at 100mm centres. Newel posts to be 100mm x 100mm square with 125mm x 125mm newel post cappings with chamfered outer edges. Height from nosing to the top of the handrail to be 900mm. Guarding height to the balustrade to be 1100mm. Clearance from the stair nosing to the stair soffit to be 2000mm.

Lift:
Hydraulic lift to be installed in display area to provide disabled access to first floor area. Lift to be installed by specialist firm.

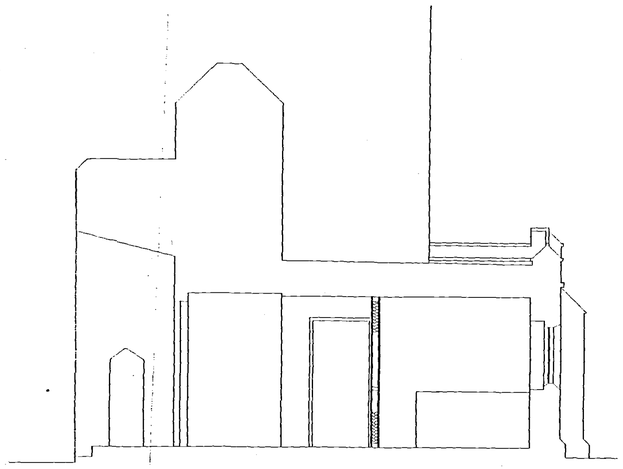
Internal Ramp:
Provide 2 no. internal ramps formed from timber as indicated on the drawings.

Screen:
Quarter sawn English oak screen to be provided to Vestry 2.Glazing to be 15mm pyrostop.

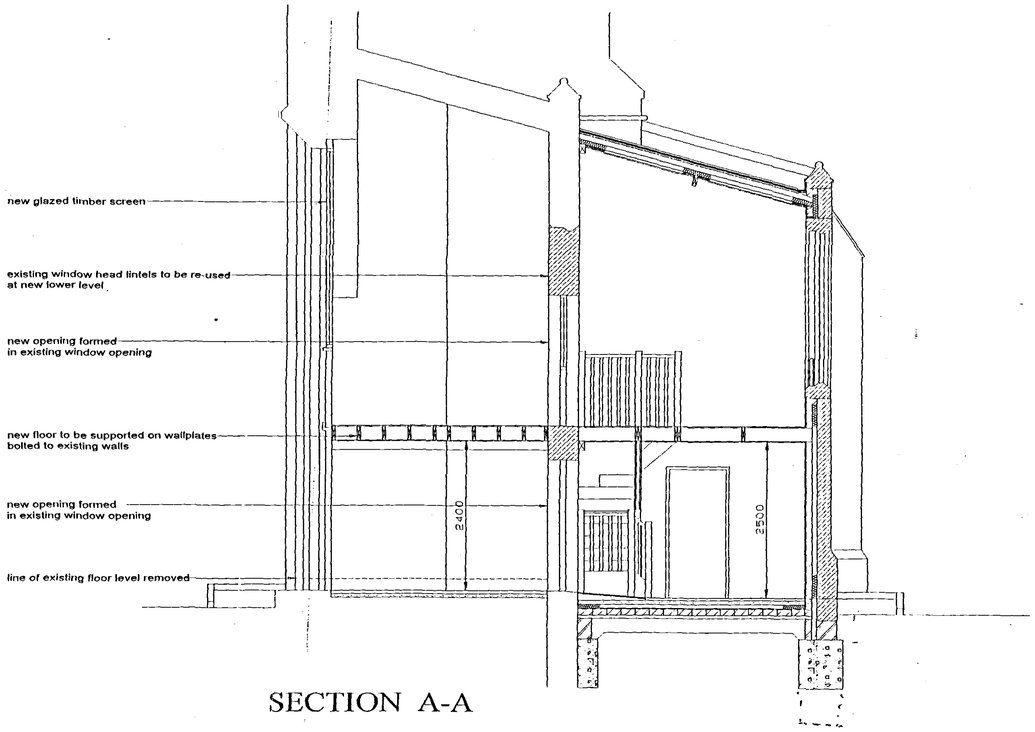
Skirtings:
19mm x 150mm painted softwood skirtings with moulded top.
Architraves to be 19mm x 125mm softwood architraves.

Furniture:
Fitted oak cupboards to Vestry 1. Display shelving to meeting/coffee shop.
Flower shelving to kitchen area.

Fire protection:
Provision to be made for the installation of a fire and smoke detection system in conjunction with the Fire Officer.



SECTION B-B



SECTION A-A

Notes
1. DO NOT SCALE FROM THIS DRAWING
2. CHECK ALL DIMENSIONS ON SITE
3. THIS DRAWING IS THE COPYRIGHT OF MARSHALL SISSON, ARCHITECT

The deposited plans have been examined against the criteria set out in the Building Regulations. It is neither practical or reasonable to show all relevent matters on working drawings, the fact that minor matters are not mentioned does not alleviate the builder from the responsibility of non-compliance in the carrying out of site operations.

Developers are advised to establish there is no made ground or wide variations in the type of subsoil within the loaded area and no weaker type of soil exists below the soil on which the foundations rest within such depth as may impair the stability of the structure.

SOUTH HOLLAND D.C.
BUILDING CONTROL
28 APR 2005
REF .....

Revisions

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Client
PCC CROYLAND ABBEY

Job title
CROYLAND ABBEY

This is a true copy of the plan deposited with the South Holland District Council and approved by them under the Building Regulations

Drawing title
PROPOSED SECTIONS

Scale	Date	Drawn
1:50	JAN 04	MWS

Drawing Number
CABCRO/19