

Drainage

To be connected to exg., to be 100 dia. Upvc (see site plan dwg. .1). All laid and jointed to manufacturer's recommendations and in accordance with BS EN 752. Lay pipes to even falls (1:60 min.) bedded in selected material to conform to BS 4660 in hand-tamped layers up to 150mm of compacted cover, thereafter material to be placed in 300mm layers and compacted, mechanical compaction equipment not to be used until 450mm of compacted cover achieved.

Allow 50mm space all around drains passing through walls to have 2 course r.c. lintels over, and secure masks of rigid sheet material either side of wall to definitely prevent vermin entry and to exclude fill.

Surround pipes in 150mm concrete under building where top of pipe is within 300mm of u/s of slab. If deeper, drain to be surrounded in 150mm granular material to BS 882.

Drains surrounded in concrete to be fitted with 18mm bitumen impregnated 'Flexel' board mask to full cross section of concrete at 5m max. cs.

At pipe joints where side of trench is within 1m of foundation or below foundation, drain to be surrounded in 150mm concrete and trench filled with concrete up to u/s of foundation level. To allow for differential movement, a joint must be incorporated within 150mm of any wall or inspection chamber.

Inspection chambers to be Upvc off 150mm concrete base with medium duty cast iron covers bedded in cement to BS 497.

Drains connected to exg. svp.

Wastes to be generally 40 dia. up to 3m, 50 dia. up to 4m, traps to be 75mm deep seal.

Drains to be tested to withstand 1.5m head of water above invert at head of drain, all to Building Inspector's requirements on site.

Partitions

New timber stud partitions to be 12.5mm p.b. & skim, 100x75mm studs @ 400 cs., lines of intermediate noggins including at wall/ceiling junction, dpcs under sole plates and against masonry walls. Partitions secured with st. steel beams into adj. structure, sole plates st. steel dowelled @ 600 cs. to floor. Partitions to lavs. to have 2 layers of p.b. & skim either side and fibreglass quilt tightly fitted between studs, etc.

Fire

Detectors and emergency lighting to be installed to new areas:

- Smoke detectors in the lavatories to be interconnected to separate fused circuit breaker at distribution panel, with battery back-up.
- In the lavatories, one of light fittings in each to provide emergency lighting with battery back-up, to be to BS 5266.

Disabled

Wheelchair accessible lav. to be to Approved Document M approved layout. Fittings to be Armitage Doc M pack: w.c., back rest, basin, lever mixer tap, hinged arm and all other grab rails.

Doors to be 900mm wide.

Exg. W door entrance door to be 'improved': built up tarmac externally, re-set threshold drainage channel, ramped floor within internal porch.

Externally, to S of churchyard, 3.6m x 1.5, 1:15 gravel textured concrete ramp with iron handrails and stone edgings, all as detailed on dwg. 2.16.

Interior of church all to be simplified to be single ground floor level, with only single step up to re-laid flat chancel area.

Heating

New thermostatically controlled electric heating to the rooms, insulation in the ceiling, complete with all thermostats and programmer.

All hot water to be from new super-insulated under-sink elec. storage vessel in the vestibule cupboards.

Ventilation

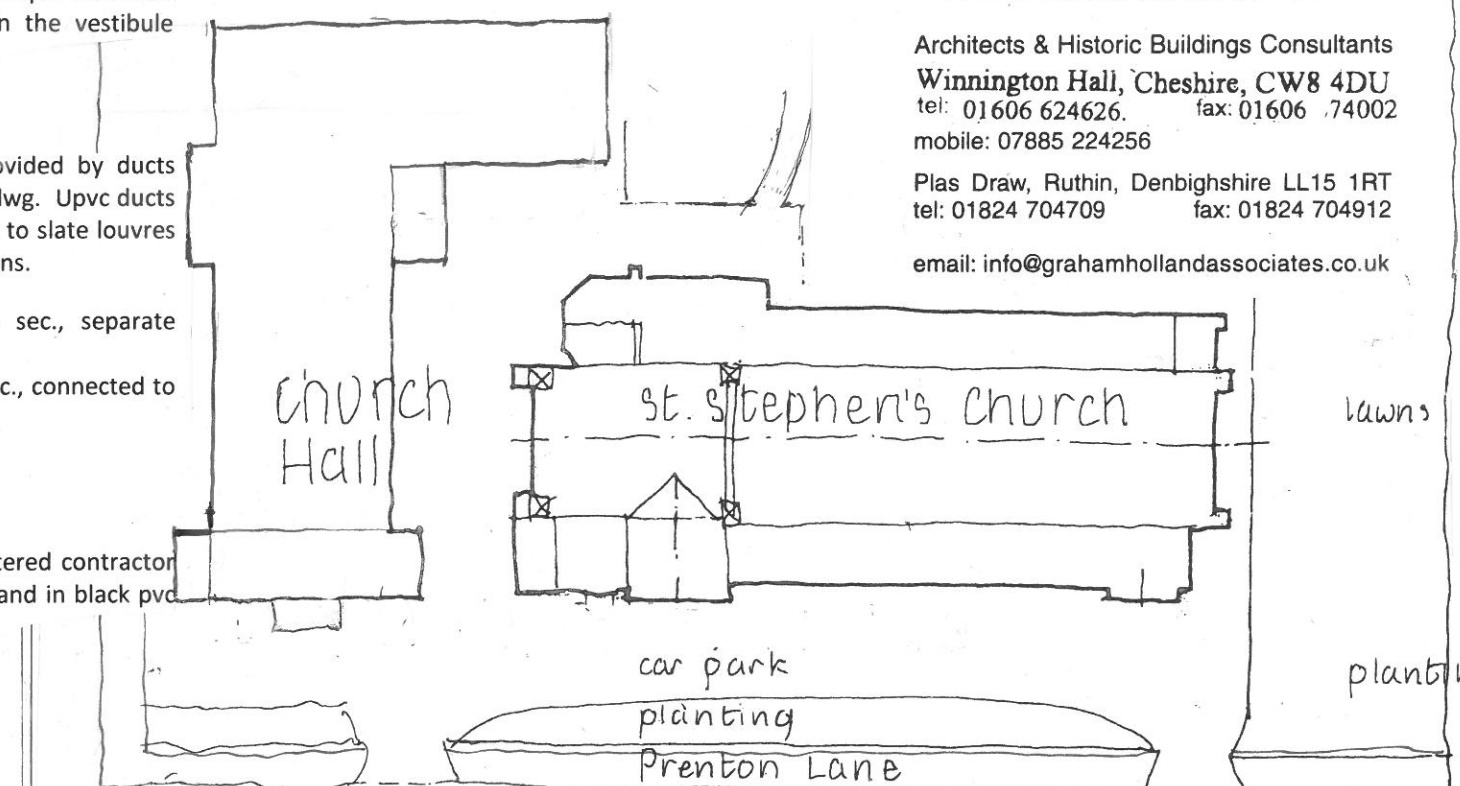
Mechanical ventilation to be provided by ducts through external walls shown on dwg. Upvc ducts with non-return flaps to discharge to slate louvres backed with st. steel mesh fly screens.

Servery; 150 dia., 30 litres per sec., separate switch.

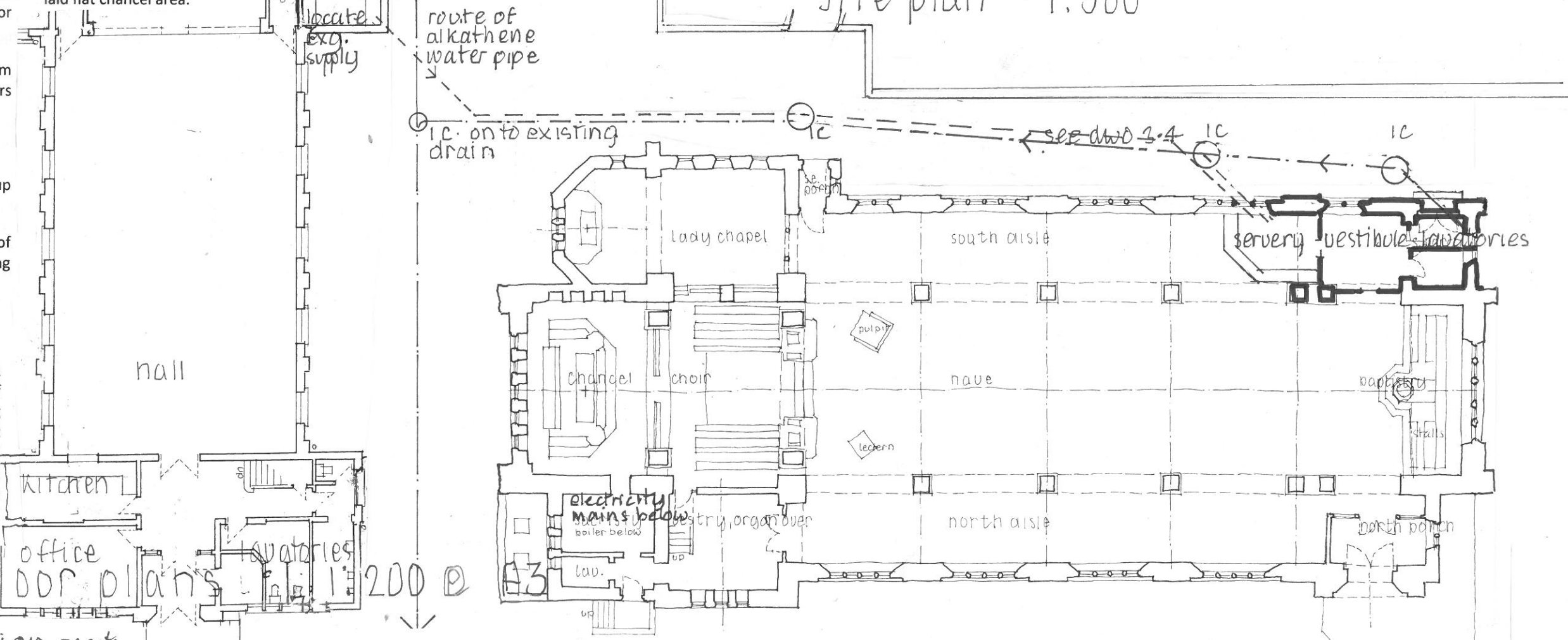
Lavatories; 100 dia., 6 litres per sec., connected to light switch with 15 mins. overrun.

Electrical Installation

To be carried out by NICEIC registered contractor in pvc sheathed 'fireproof cable', and in black pvc coated MICC where onto surface.



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 check all details & dimensions onsite