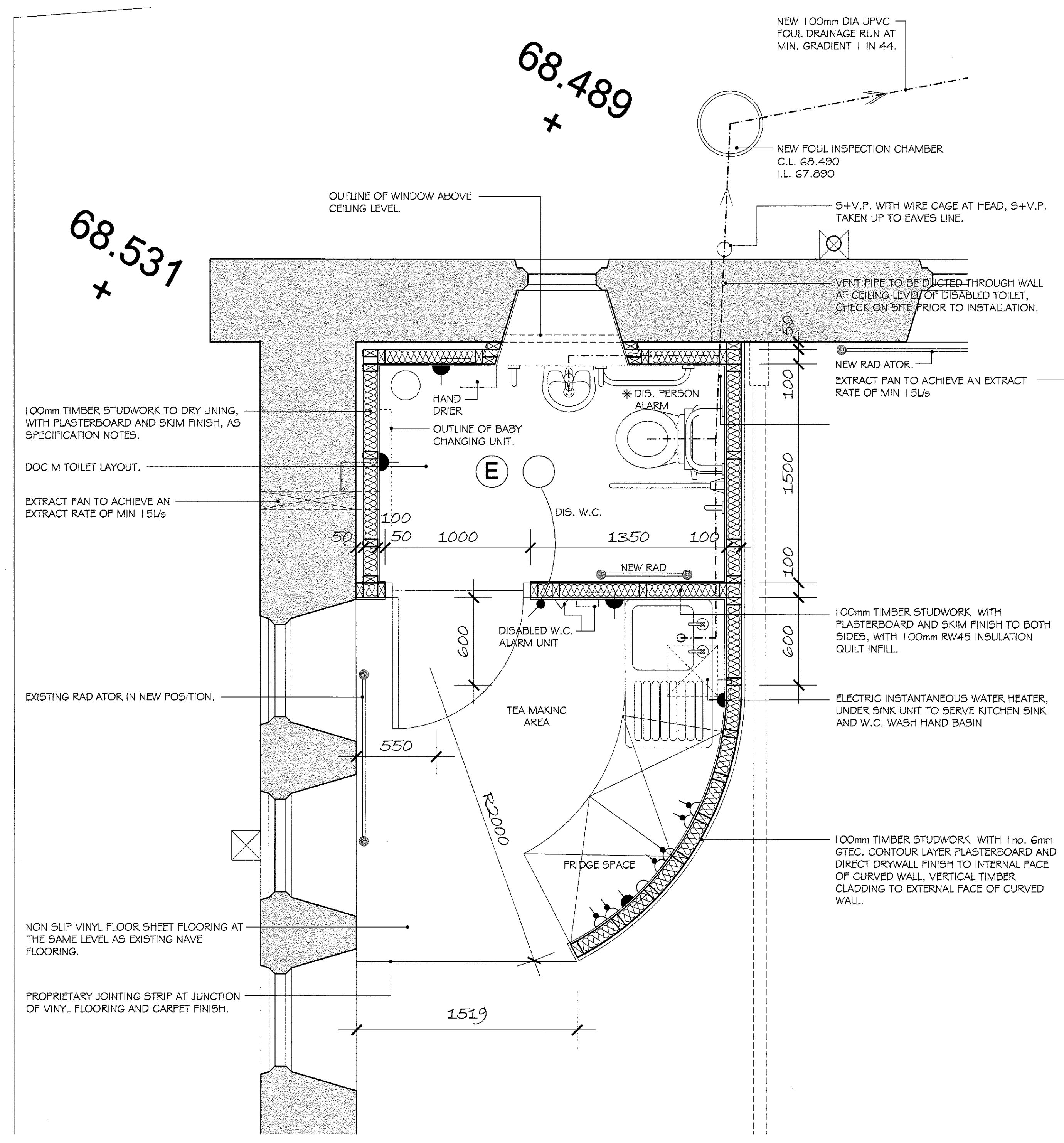
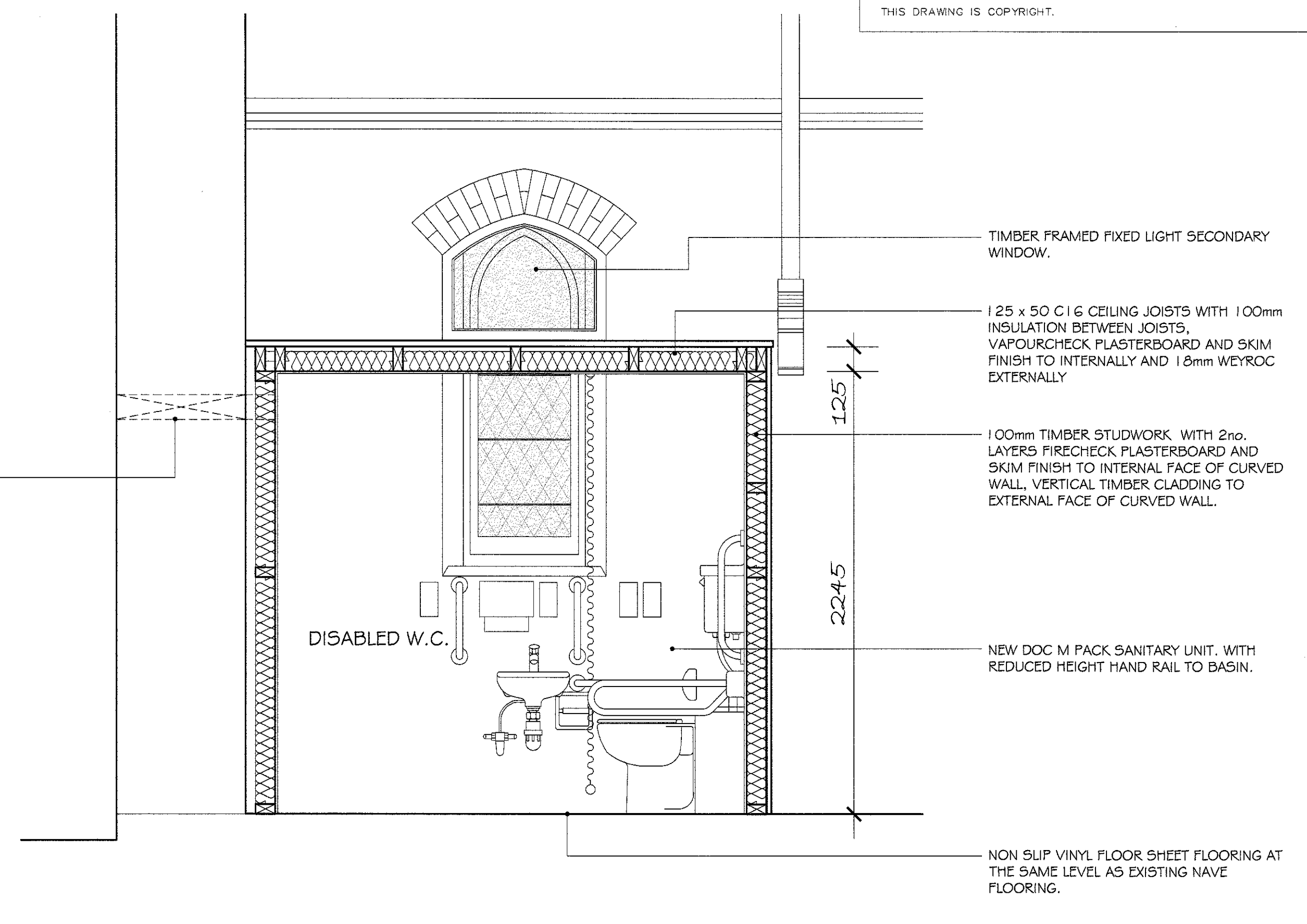


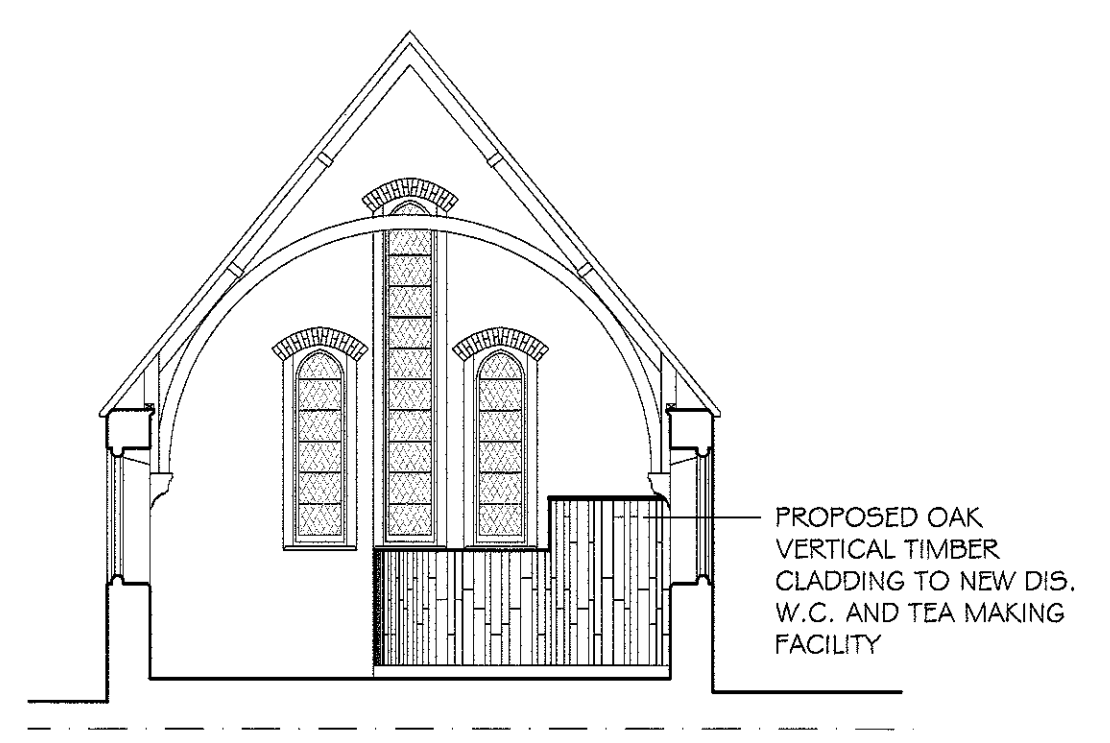
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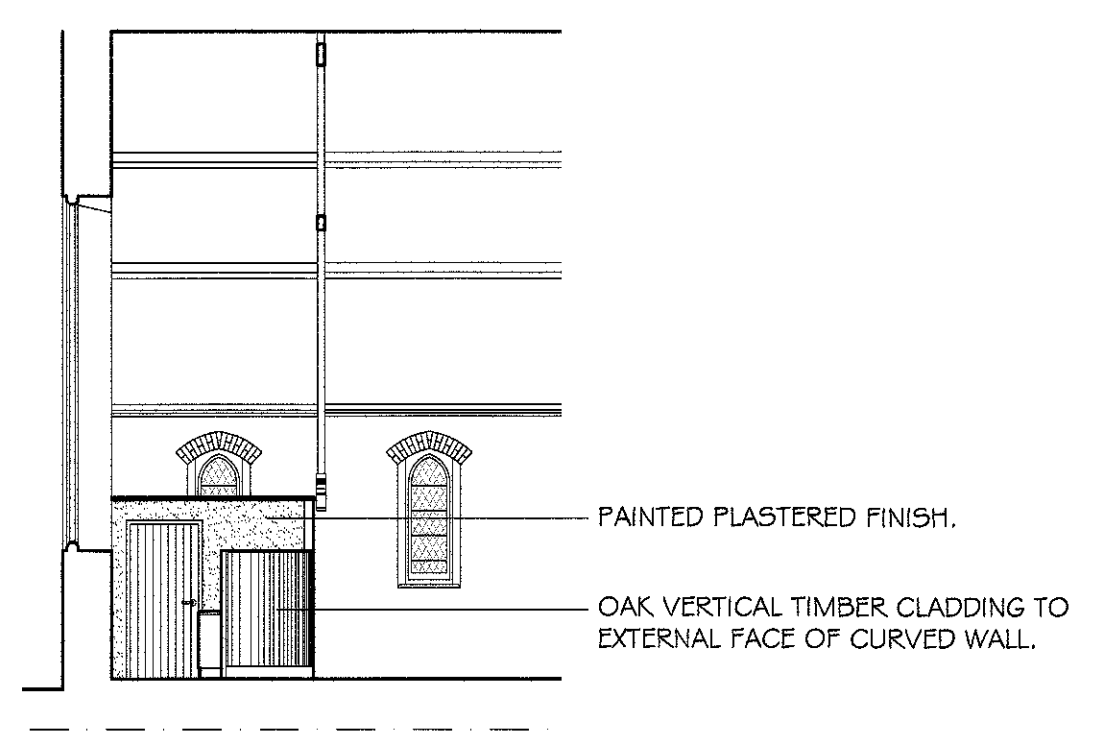
FLOOR PLAN SCALE 1/20



SECTION A-A THROUGH DISABLED W.C. SCALE 1/20



INTERNAL VIEW OF SOUTH WEST GABLE SCALE 1/100



INTERNAL VIEW OF NORTH WEST WALL SCALE 1/100

SPECIFICATION NOTES

DRAINAGE
 All underground drainage to be 150mm or 100mm dia. uPVC and associated fittings, laid in accordance with manufacturer's instructions and BS 8301. Where 100mm dia. pipes pass through cavity walls, pre-cast concrete lintels to be inserted over. New I.C. built in 215mm engineering bricks Class 'B' bedded in cement/sand mortar (1:3) on 215mm concrete base; Benching in fine concrete brought to a smooth trowelled finish. Cover and frame to BS EN124 for depths over 900mm; or patent Osma uPVC polypropylene inspection chambers up to 900mm deep. Above ground drainage to comply with BS 5572. Wastes to wash hand basins to be 32mm and showers and sinks to be 40mm all with 75mm deep seal anti-vac traps. S+VPs to be 100mm nom. uPVC with access plate. Where flexible pipes have less than 600mm cover lay where necessary paving slabs as a bridging over the pipes with at least 75mm of granular material between the top of the pipe and the underside of the slabs. Soil and vent pipes to either terminate at roof level via proprietary slate vents, or air admittance valves site above floor plane of highest sanitary appliance, as shown on the drawings. Inspection chamber/manhole covers to be Group 3, Class B125, B.S. Kitemarked to all inspection chambers/manholes. It is anticipated the proposed foul drainage will be able to be connected to a proposed cesspool. Cesspool to be 18,000 litre capacity proprietary factory made to BS EN 12568-1, installed in accordance with manufacturer's instructions, to include concrete surround, initial water ballast etc. Cesspool is to be sited 7m from building, within 30m of vehicle access, and at such levels to allow emptying and cleaning without hazard to building occupants or contents being taken through any building. Cesspool access covers to be lockable or otherwise engineered to prevent personal entry. Exact usage is unclear, however, for an average church service (allowing 10persons x 8litre flush, 25litres for tea making and 15litres contingency, total 150litres) occurring twice a week, and one other funeral/wedding per week, it could be anticipated a volume of 15,000 litres per annum, which will see an anticipated need to empty the cesspool once per annum, with 20% spare capacity.

A sign to be fitted within the building described the necessary maintenance as follows:-
 'The foul drainage system from this property is served by a cesspool. The system should be emptied approximately every year by a licence contractor and inspected fortnightly of overflow. The owner is legally responsible to ensure that the system does not cause pollution, a health hazard or a nuisance.'

GROUND FLOOR
 New non slip Vinyl flooring to be installed over 6mm ply laid directly over existing timber flooring.

INTERNAL WALLS
 Internal partitions generally to be 100mm stud partitioning lined both sides with 12.5mm E-check plasterboard and skim finished 18mm vertical timber cladding to external curved face of partition wall infilled with 100mm insulation quilt, min density 10kg/m³ (plasterboard to be min mass 10kg/m² to partitions to Disabled W.C.). Seal joint between bottom of skirting and floor finish with suitable flexible sealant to maintain air barrier seal. Plywood panels inserted within partitions to support grab rails and the like.

GLAZING
 Glazing within any doors below level of 1.5m and windows/screens etc. below level of 800mm from floor level to have clear laminated safety glass complying with Part N of the Building Regulations. Glazing in windows within 300mm of doors also to have safety glass below level of 1500mm measured from floor.

WATER SUPPLY
 New water supply to be supplied to the West corner of the church. It is noted that an existing tap is located within the Vestry the water supply shall be tested to ensure the that the supply pipe is of sufficient size. Otherwise the main incoming water is to be located and a new supply taken from this supply.

FLAT CEILING AREAS OVER DISABLED W.C.
 Flat ceiling areas to comprise 50x125mm C16 softwood ceiling joists fixed to wallplate, underdrawn with 12.5mm vapourcheck plasterboard and skim. Over ceiling with 100mm Rockwool RW45 Insulation Board between ceiling joists and weyrock board over.

LIGHTING
 Lighting efficiency to be in compliance with Part L1B of the Building Regulations, and the Domestic Building Services Compliance Guide. Lighting fittings to be capable of receiving low energy light fittings with an efficiency of at least 45 lumens/watt, and total output of at least 400 lumens. At least 75% of all fittings in areas affected by the works to meet criteria previously described.

HOT WATER HEATING
 Electric instantaneous water heater, under sink unit to serve kitchen sink and w.c. wash hand basin

EXTRACT VENTILATION
 Mechanical extract ventilation unit to Disabled W.C. to be capable of not less the 15 l/s. All units to be operated intermittently and to terminate in external air. Fans in rooms without opening window to have 15 minute overrun. Air Inlet (such as 10mm air gap to be provided to internal bathrooms/sanitary accommodation).

ELECTRICAL INSTALLATION
 Switched and socket outlets for lighting and other equipment in habitable rooms are to be positioned between 450mm and 1200mm from finished floor level to comply with Approved document M of the Building Regulations. Access and facilities for disabled people. Certification to be provided on completion by suitable qualified competent person.

COMPLETION
 Commissioning certificates required for electrical installation.

REVISION - A - 09.01.2017 - HOT WATER INFORMATION ADDED TO DRAWING.
 REVISION - D - 14.03.2017 - GENERAL REVISIONS.

PROJECT ST. DAVIDS CHURCH GROESFAEN		
DRAWING TITLE FLOOR PLAN AND INTERNAL SECTIONS AND SPEC. NOTES		
SCALE AS SHOWN @ A1	DRAWING No. 1536 - 11 - B	MON NP7 SEE (01873) 852465/852273 FAX (01873) 859211
DATE JAN 2016		