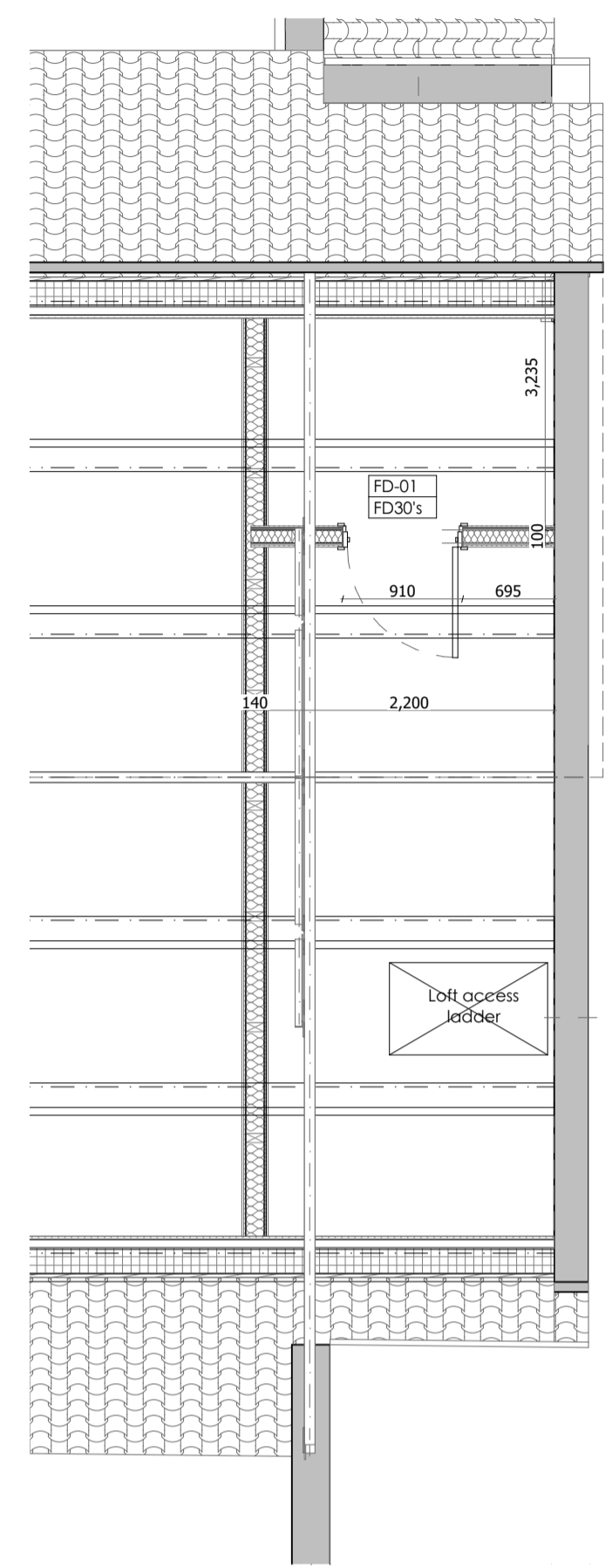
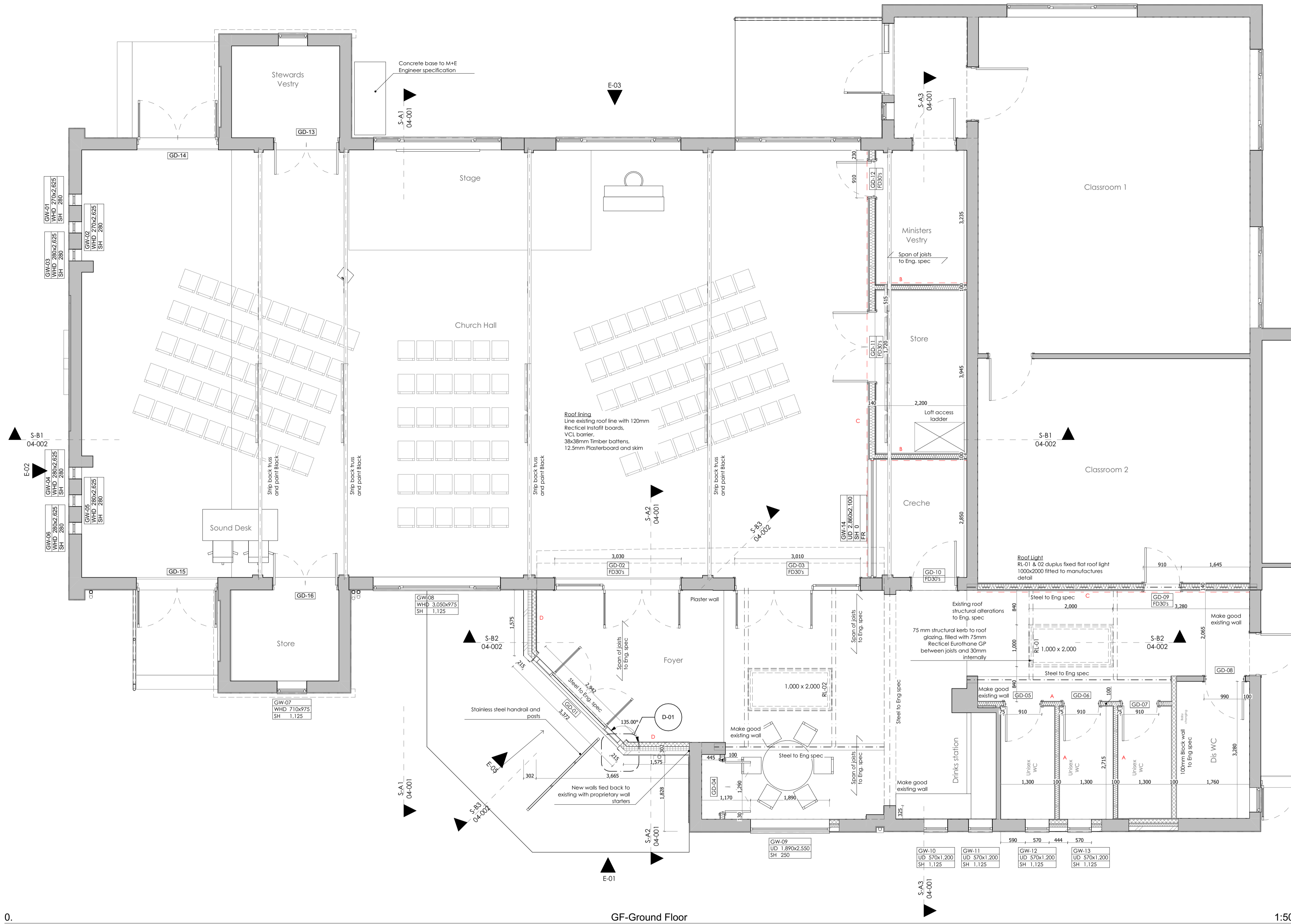


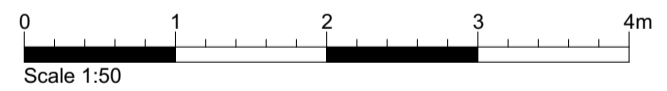
- NOTE:
1. All dimensions/descriptions are to be checked. Discrepancies are to be reported immediately.
 2. NO dimensions to be scaled off this drawing.
 3. ANY changes in materials must be approved by the architect, building control and planning if applicable prior to order.
 4. All drawings to be read in conjunction with structural drawings.



Floor/ceiling
12.5mm Plasterboard and skim,
15mm ply,
140mm Studs to Eng. spec fully filled
with Rockwool insulation,
2No 12.5mm Plasterboard and skim

Storage Deck
22mm T+G boarding to floor finish,
100mm Acoustic insulation fitted between joists,
Timber joists to the Engineers design,
2No 12.5mm plasterboard and skim

1. FF-First Floor 1:50



0.

GF-Ground Floor

ABOVE GROUND CONSTRUCTION

External wall construction to be: A nominal 300mm Brick / conc block cavity construction. Masonry laid in 1:1:6 cement:sand:marlar (Compression strength class M4 designation iii) to BS EN 998-2:2016, 100mm cavity filled with 90mm Recticel Eurowall® + insulation, 100mm blockwork 7.0N/mm. All external walls to receive Hyload or similar damp proof course placed min. 150mm above finished ground level externally, lapped 150mm min. and sealed with clear silicone mastic at joints. Dpc to be fully lapped and sealed to floor Dpm and be provided in the form of a cavity tray extending across both masonry leaves and cavity all to provide BASIC RADON PROTECTION.

Wall ties to be stainless steel to BS EN 845-1:2013+A1:2016 to type specified on drawings, fixed at max. 750mm horizontal centres and 450mm staggered vertical centres in cavity work. Ties to be fixed within 225mm of openings at a max. 300mm vertical spacing, all to comply with the current BS. Ties to be embedded min. 50mm into each masonry leaf. Cavity trays to be formed with Hyload or similar dpc material properly lapped at all corners and returned. Dpc material laid over lintels to form cavity tray. Weep holes formed in mortar joints of external leaf at 900mm centres in front of cavity trays.

STORAGE DECK CONSTRUCTION

Construction to be timber joists to the Engineers design, 100mm Acoustic insulation fitted between joists, 22mm T+G boarding to floor finish, ceilings to be 2No 12.5mm plasterboard and skim, all plasterboard a minimum mass of 10kg/m2

LINTELS

Lintels are to be as specified on drawing and in accordance with the Engineers recommendation.

Steel type lintels to be in accordance with BS EN 845-2:2013+A1:2016 to suit cavity width specified on the drawings and provide the required nominal inner leaf width support.

Concrete type lintels to be in accordance with BS EN 845-2:2013+A1:2016, a lintel is to be used for each masonry leaf and to suit the width.

All lintels are to have a min. 150mm bearings at ends and be provided with a DPC cavity tray. All lintels are to comply with manufacturers recommendations.

STEEL WORK

Where steels are supporting floors and potential fire escape route, they are to be protected by intumescent paint to achieve 30min fire protect or boxed in with 11 layer of 15mm Fireboard and skim.

PARTITIONS

Timber stud: 100x50mm Timber studs at 600 ctrs fully filled with Rockwool insulation. Lined each side with 12.5mm Gyproc Wallboard Ten and skim to finish. 12.5mm Gyproc Moisture resistance plasterboard to be used in all wet areas.

CEILING

All ceilings to be lined with 12.5mm Gyproc plasterboard with min mass of 10kg/m2 to BS EN 520:2004+A1:2009. Joints to be staggered, filled and taped with all free edges supported by 50 x 50mm noggins between the joists. Plaster skim finish.

Plasterboard to Kitchen - 15mm Gyproc Fireline mass 11.7, plasterboard to Wet areas - 15mm Gyproc moisture Resistance mass 10.1

WINDOWS AND GLAZED DOORS

New doors and windows to be Aluminium casement fitted with double glazed units to achieve a U-value of 1.2w/m2k to comply with BS EN ISO 10077-2:2017.

Trickle ventilation to be fitted to provide the equivalent of 8000mm to habitable rooms and 4000mm elsewhere. All windows to be fitted with child safety restrictor stays and first floor window to provide 0.33m2 clear opening where indicated as emergency fire escape type.

Window supplier to provide certification of approval for supplied glazed window units.

All glass below 800mm must be toughened safety glass.

ROOF CONSTRUCTION / COVERING AND INSULATION

All carpentry work is to be carried out in a proper manner and to comply with relevant BS standards and codes. Timbers throughout, including battens to be grades noted and pressure impregnated with preservatives to BS 8417:2011+A1:2014. All nails, screws and other steel fixings to be galvanneal.

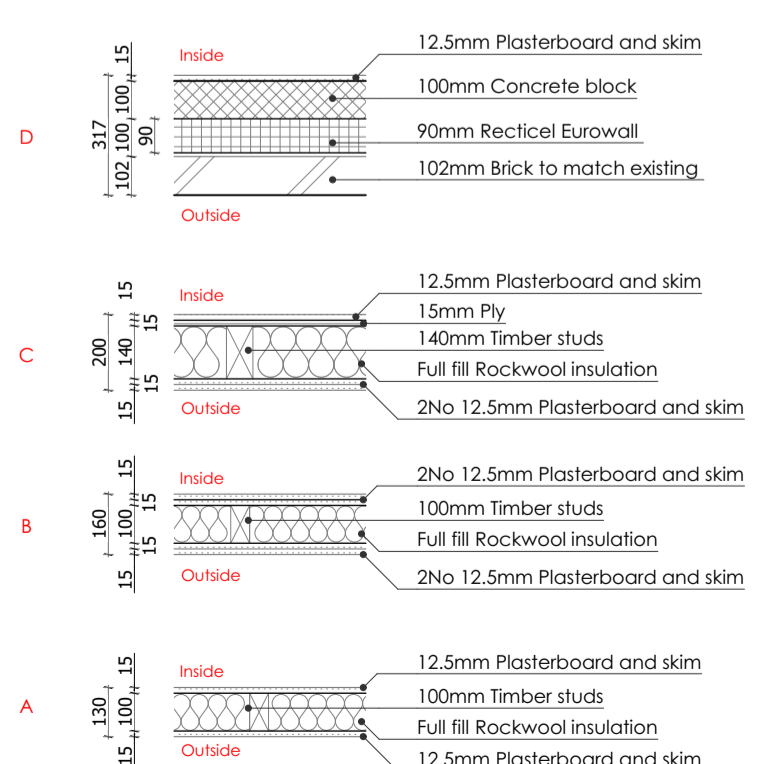
Wallplates 65 x 100mm C16 s/w timber bedded on inner leaf of walls in mortar and strapped down by means of 30mm x 5mm galvanneal mild steel straps fixed to inside of inner leaf walls on 1800mm max ctrs. Roof to be 50x150 C16 roof joists @600ctr, fixed to wallplates by means of proprietary clips.

Flat roof coverings to be GRP installed by certified sub contractor conforming to BS EN 1991-1-4: 2005 over 18mm OSB3 deck. 120mm Recticel Powerdeck® F installed to manufacturers recommendations over 1000g Visqueen VCL 18mm OSB3 deck. 1:80 timber firings and Joists to be Engineers specification. 12.5mm Plasterboard and skim to finish.

RAINWATER GOODS

Extruded aluminium box gutter with a pressed aluminium eaves capping coloured to match roof covering. Gutter to accommodate new roof area and be laid to min. falls to discharge to square downpipe. Outlets to be fitted with wire balloons.

1:50



Wall build ups 1:20

Issue Date	Description	Rev
03/03/2021	Tender	T1

REVISIONS	Tender
STATUS	

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Chartered Institute of Architectural Technologists Registered Practice

PROJECT: Kidlington Methodist Church, Kidlington, Oxon
 For - Kidlington Methodist Church

DRAWING TITLE	
Ground Floor GA	
SCALE	DATE
1:50, 1:20	May 2017
DRAWING NUMBER	REV.
17009.03-101	T1 A1