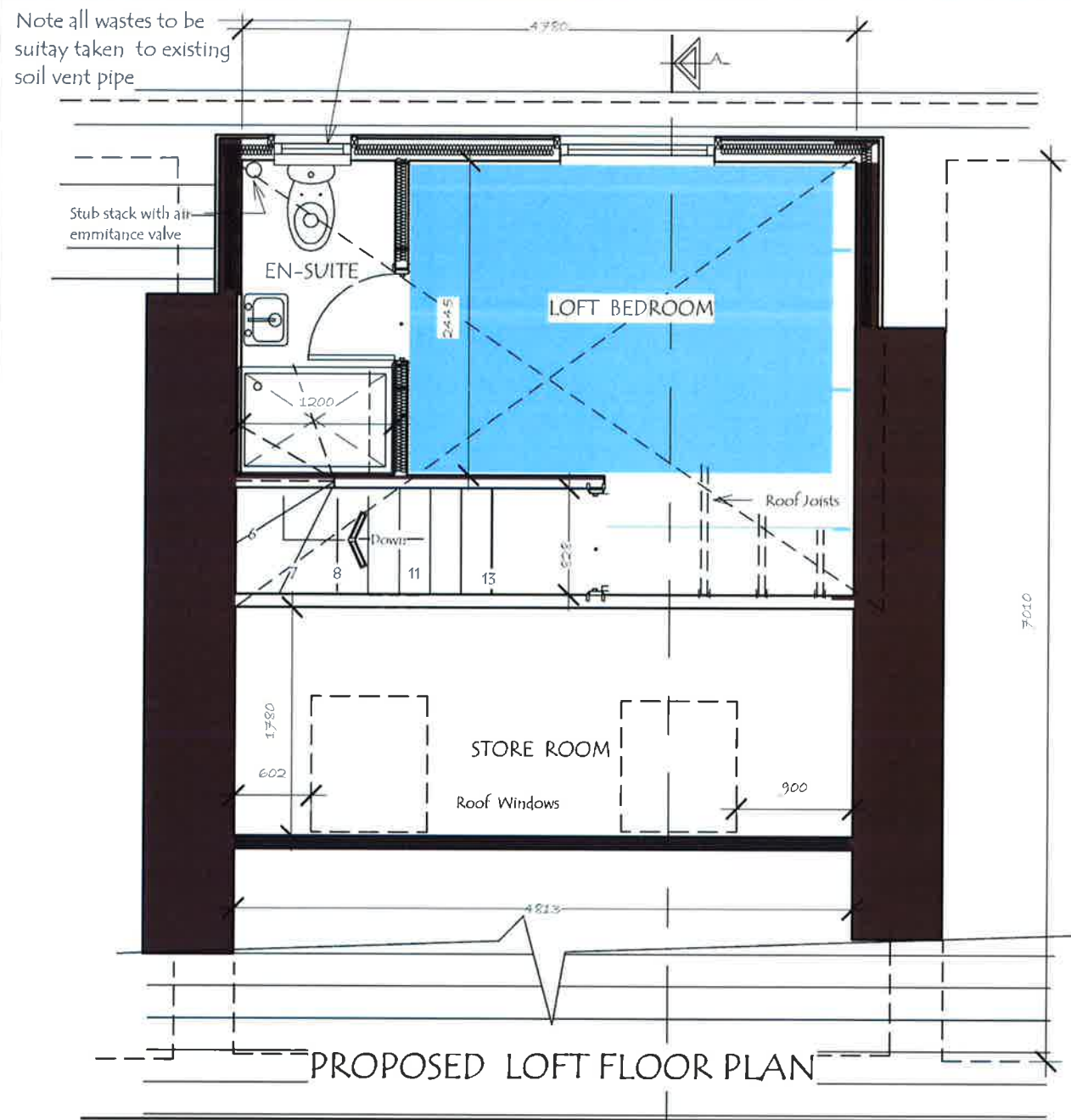




NOTES

Ceiling in loft - maintain min 50mm vent gap between Celotex tuff - Rtm zero GA3050Z laid between rafters. Underside of rafters fix Celotex tuff - Rtm zero GA3060Z using broad headed cloutnails (U value 0.2w/sq mk)

Walls - Protected walls to staircase 100 x 50 studs at 400mm centres, 100mm insulation quilt between studs, 12.5mm plasterboard & plaster skim - 30min fire rated

Timber Floor - Provide 175 x 50mm C16 timber joists at 400 centres packed min 25 above existing ceiling. New joists to be fixed to existing ceiling joists using flexible metal straps. Voids between joists to be filled with 60mm mineral fibre securely fixed to sides of joists. Floor finished with 25mm T & G boarding. Provide 100mm bull nosed skirting.

Stairs - provide timber staircase incorporating to comply with part K, clear headroom of 2m, min 800mm wide. 240mm going, 2200mm risers, max pitch 42 deg . Provide landings top & bottom, ensure clear space at bottom of flight of min 400mm. Provide handrail positioned 900mm above stair pitch-line. Guardrails to be positioned at landings 900mm high, balusters max spacing 100mm . Underdraw the stairs with 2 layers of 15mm plasterboard plaster skim finish, to achieve 1 hour fire protection. lighting 2 way switching at top &

Roof Windows - Velux or equal top hung windows (For additional detailed information refer to Velux loft conversion guide)

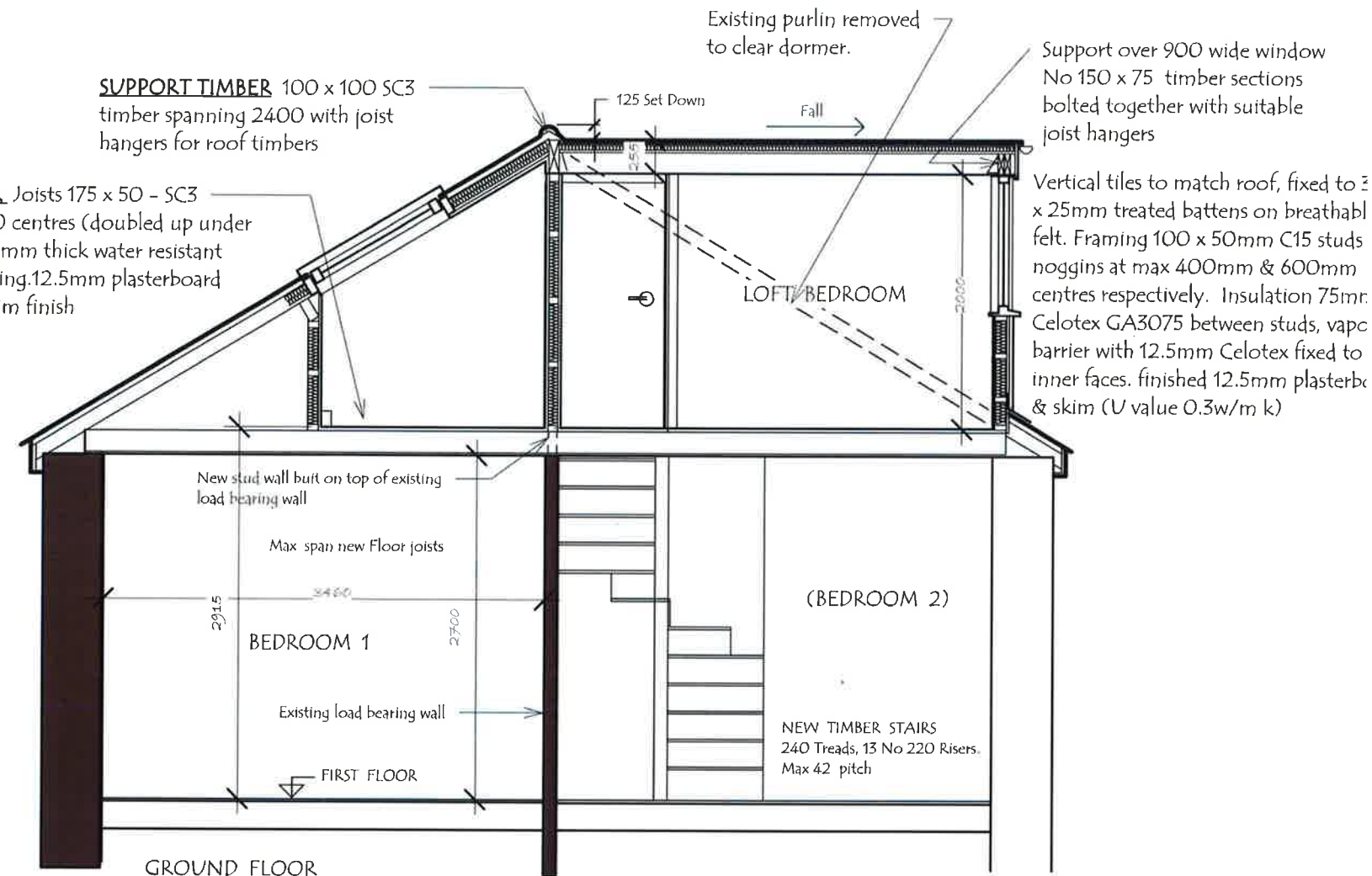
SUPPORT TIMBER 100 x 100 SC3
timber spanning 2400 with joist
hangers for roof timbers

LOFT FLOOR Joists 175 x 50 - SC3 —
timbers at 400 centres (doubled up under
partitions). 19mm thick water resistant
Weyroc boarding. 12.5mm plasterboard
with plaster skim finish

Existing purlin removed
to clear dormer.

Support over 900 wide window
No 150 x 75 timber sections
bolted together with suitable
joist hangers

Vertical tiles to match roof, fixed to 38 x 25mm treated battens on breathable felt. Framing 100 x 50mm C15 studs & noggins at max 400mm & 600mm centres respectively. Insulation 75mm Celotex GA3075 between studs, vapour barrier with 12.5mm Celotex fixed to inner faces. finished 12.5mm plasterboard & skim (U value 0.3w/m² k)



SECTION on A - A

Heating- Extend the existing system to provide a 1200 double radiator in Bedroom & 900 double rad in En-Suite. Other work as indicated

Electrics - Provide 3 No double sockets, 3 No Ceiling roses lighting 2 way switching at top & bottom of stairs. Single swtch in Loft room. All work to conform with current IE Regulations & to be certificated

Fire Door - FD20 standard fire doors set in a 30mm fire resistant enclosure provided with self closures at top of stairs .

Smoke detectors - Mains wired interlinked with battery backup to BS5446, BS 5839 at landing level.

DAVID J GRIFFITHS. MCI0B (1999). MBE0g (2008).
ARCHITECTURAL DRAWINGS
Tel 01792 296749 / Mobile 07411 200 351

LOFT CONVERSION & MISC WORK
at 8 GEOFFREY STREET, NEATH, SWANSEA.

LOFT DETAILS

Date	28 01 20
Scale	1 : 50
Drawn	DG

Dwg No

ST 5/6

RE

A