

NOTE:
ext. roof min.2.5 degree pitch

Proposed floor area = 21.5sqm

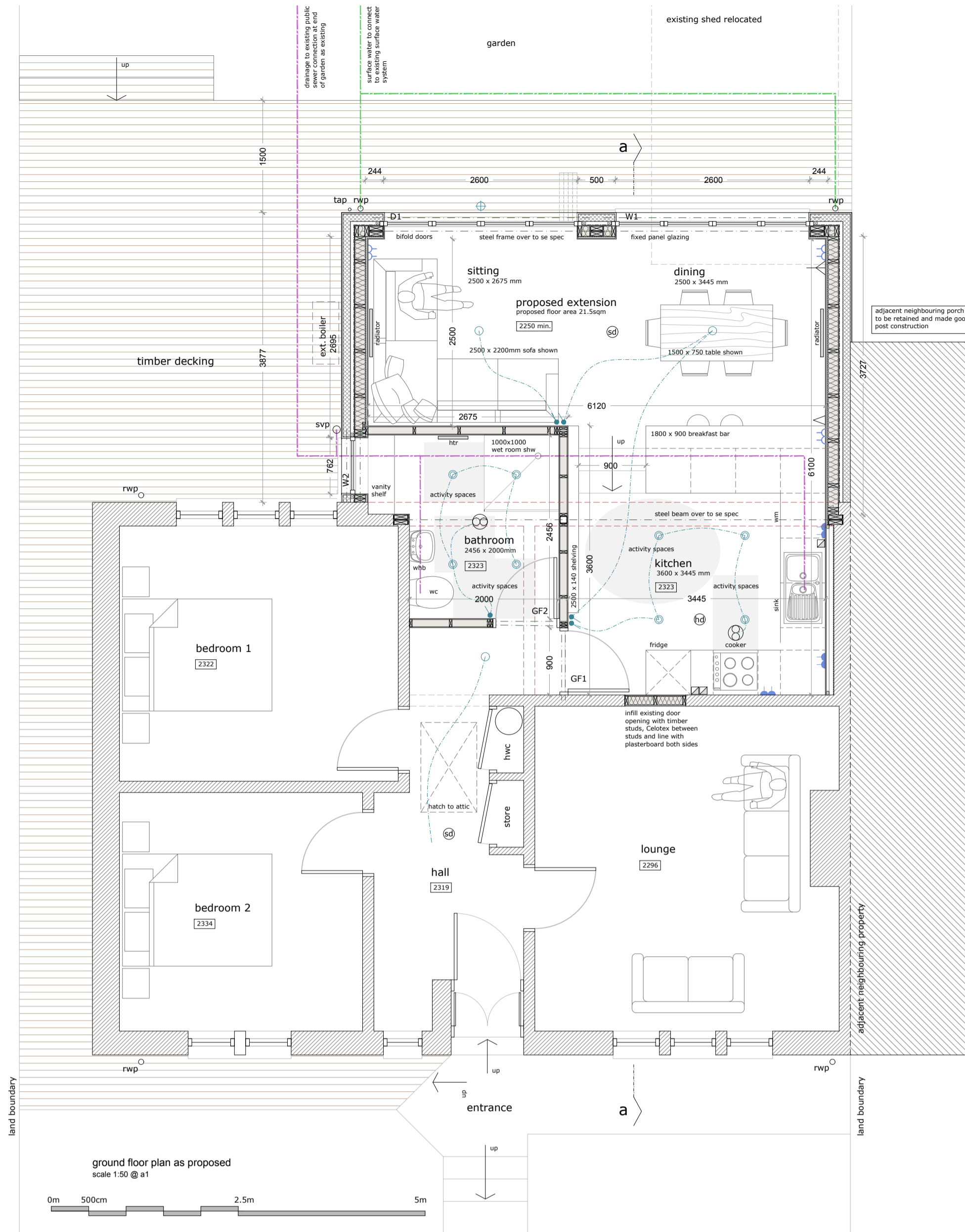
NOTE:
all external dimensions taken to inside face of structural frame
internal dimensions taken to inside finished wall

| Electrical Legend | |
|-------------------|--|
| | 1 way switch |
| | pendant light fitting |
| | recessed downlighter |
| | 2 gang switched socket outlet above worktop level (white finish) |
| | 2 gang switched socket outlet (white finish, 450mm APFL) |
| | cooker/washing machine control unit with 1 gang switched socket |
| | telephone point |
| | tv point |
| | external light |
| | smoke detector |
| | heat detector |
| | carbon monoxide detector |
| | extractor fan |
| | consumer unit/meter |

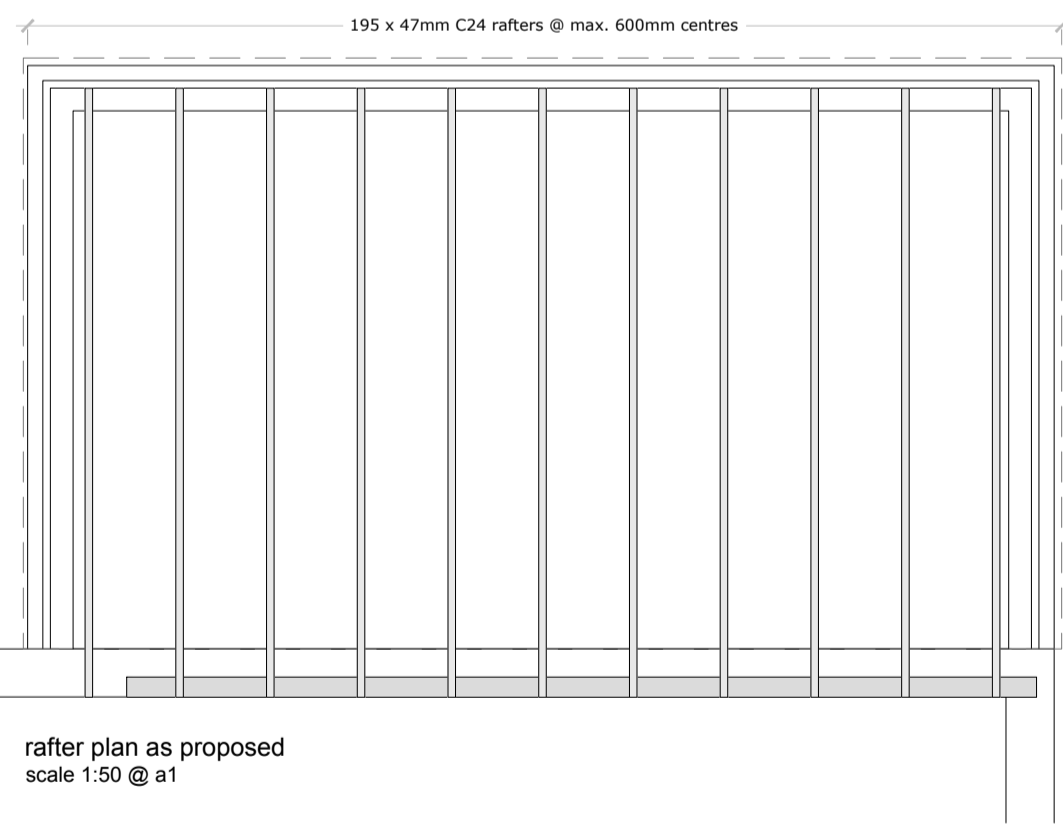
Window/Door Schedule (All Windows & Doors Double Glazed)
Windows to be 'Secured by Design' and accredited to PAS 24 for door sets or BS-7950 for windows

| Number | Width(mm) | Height(mm) | Type |
|--------|-----------|------------|---|
| W1 | 2600 | 2100 | 4 no. aluminium frame fixed panels |
| W2 | 750 | 1150 | fully reversible |
| D1 | 2600 | 2100 | 4 no. bifold aluminium framed glazed panels |

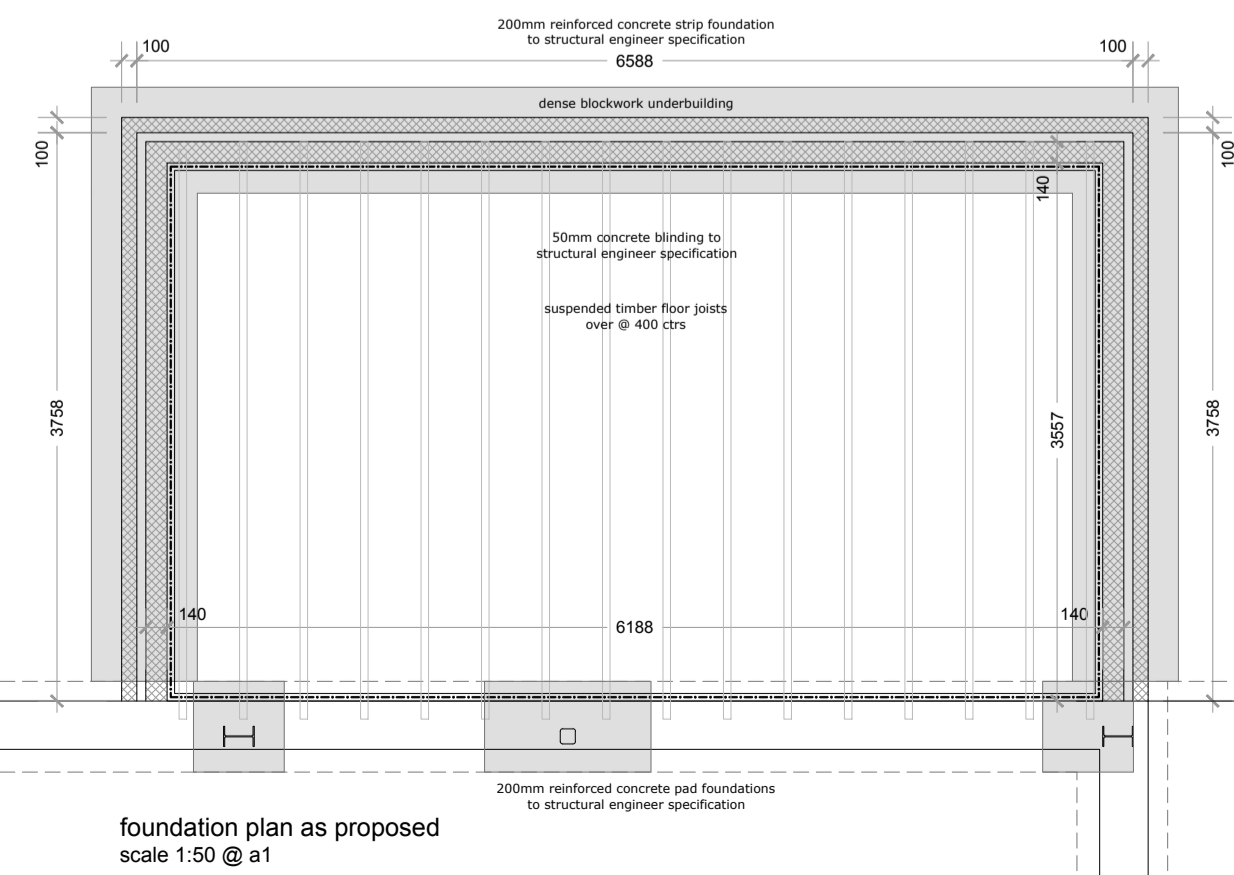
| Internal Door Schedule | | | |
|------------------------|-----------|------------|----------|
| Number | Width(mm) | Height(mm) | Note |
| GF1 | 816 | 1980 | |
| GF2 | 816 | 1980 | lockable |



ground floor plan as proposed
scale 1:50 @ a1



rafter plan as proposed
scale 1:50 @ a1



foundation plan as proposed
scale 1:50 @ a1

EPDM membrane rubber roof to extension
lead flashing at junction with existing roof
roof pitch min. 2.5 degrees
ventilated roof system
dark grey gutter and
downpipes to match existing

4g windows and bifold doors in
antracite grey aluminium frame

GF1 + 0mm
EXFL - 300mm
new raised timber decking
blockwork basecourse

concrete foundations to as specification

EPDM membrane rubber roof to extension
colour black
dark grey gutter and
downpipes to match existing
wall vent exit point

4g windows and sliding patio doors in
antracite grey aluminium frame

rwp
roughcast render finish to extension
to match existing
external boiler

GF1 + 0mm
EXFL - 300mm
new raised timber decking
blockwork basecourse

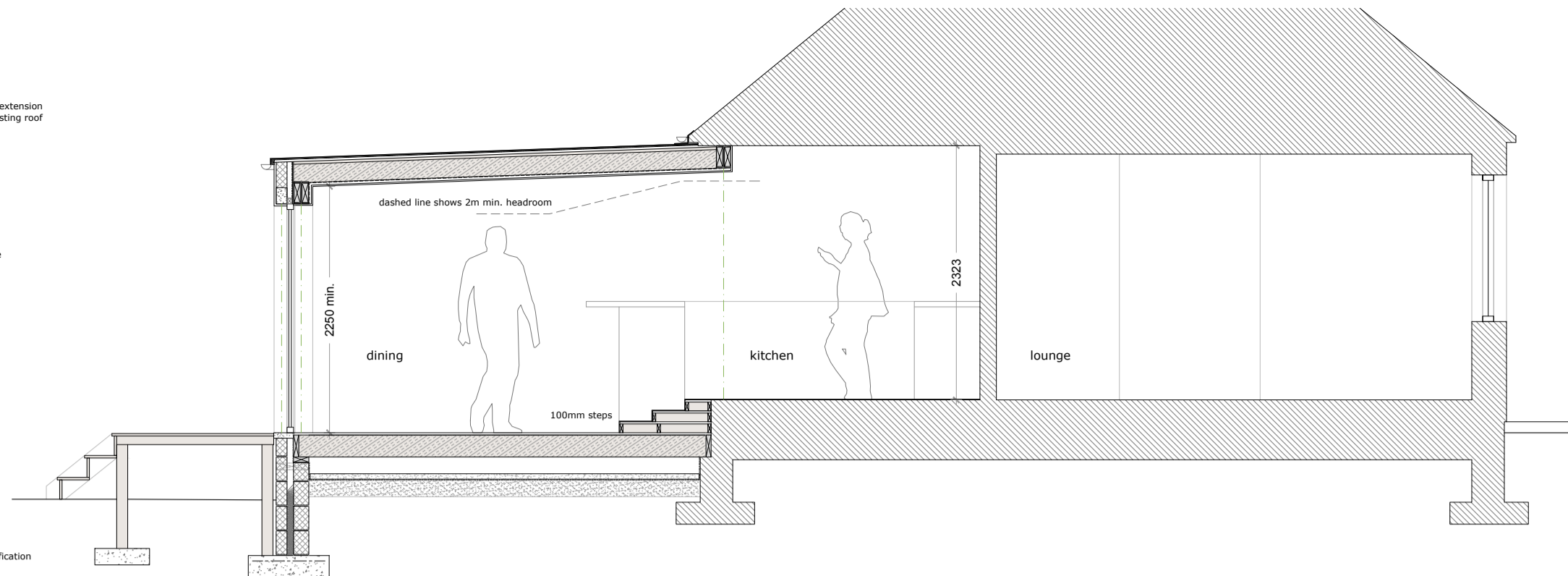
existing roof natural slate

EPDM membrane rubber roof to extension
colour black
dark grey fascia, gutter and downpipes to
match existing

roughcast render finish to extension to
match existing

4g windows and bifold doors in
antracite grey aluminium frame

boiler
GF1 + 0mm
EXFL - 300mm
new raised timber decking



east elevation as proposed
scale 1:50 @ a1



south elevation as proposed
scale 1:50 @ a1



north elevation as proposed (no change)
scale 1:50 @ a1

0m 1m 5m 10m

NOTE:

All sizes to be taken and checked on site by the contractor prior to preparation of shop drawings or fabrication of parts.

This drawing should not be scaled. Any discrepancies to be brought to the immediate attention of the architectural designer.

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NOTES

WALL CONSTRUCTION

New extension external walls to be timber frame and blockwork cavity wall construction. Render finish to match existing on 100mm blockwork leaving 50mm cavity from external leaf, with 50mm cavity closers to all junctions.

Internal leaf to consist of Breather FR Foil Membrane by YBS Insulation, on 9mm thick exterior grade treated plywood sheathing (WBP to BS 6566), on ex. 140 x 38mm s.w. C16 stud framing at 600mm c/s, with 140mm Celotex 284600 insulation between studs, on 1 layer G66 PU polythene vapour barrier on 25mm Celotex FR5000 insulation, on 12.5mm T & F plasterboard finish internally.

Specified extension construction to achieve U-value 0. 17 W/m² K.
See U-value calculations for details.

NOTE: No change to retained sections of existing external walls or internal linings.

ROOF CONSTRUCTION

EPDM membrane rubber roof to extension, on 1 layer Roofshield, on 150 x 22mm butt jointed boarding board, on 195 x 47mm C24 roof joists to BS 2462 part C at max 600mm c/s, with 170mm Celotex insulation between rafters, on 25mm Celotex FR4000 insulated plasterboard to provide 60mins fire resistance.

Lead flashing at junction with existing roof, roof pitch min. 2.5 degrees.

Specified roof construction to achieve U-value 0. 13 W/m² K.
See U-value calculations for details.

All steelwork to be enclosed to provide 60 minutes fire resistance.

GROUND FLOOR CONSTRUCTION

150mm compacted hardcore blinded with sand, 1200gauge (300mu) polythene damp proof membrane, 50mm blinding concrete with 12mm fibreglass around edges to allow for expansion, ventilated space, 195 x 47mm C16 suspended timber floor joists at 400mm c/s with 140mm Celotex insulation between, 22mm board, floor finish tbc.

Specified floor construction to achieve U-value 0. 18 W/m² K.
See U-value calculations for details.

NEW INTERNAL PARTITION

One layer of 12.5mm plasterboard each side of 97 x 37mm timber studs at 600mm centres to provide 30 minutes fire resistance.

Moisture resistant wallboard to all wet area side of partitions, ie. en-suites, toilets, kitchen etc.

DRAINAGE

All existing drainage provisions to be checked fit for purpose and retained.

Contractor to investigate existing drainage system and complete design for connection of new foul drainage in accordance with BS EN 12056-1: 2000 and BS EN 12056-2: 2000 and wastewater drainage to be in accordance with BS EN 12056-2: 2000.

Below ground drainage and sewer system to be designed and installed in accordance with BS EN 752: 2008 and comply with all Local Authority Bylaws.

All new drainage connected to existing (where possible) and to comprise of the following:

W/C's - 110mm dia. drainage pipework
W/B's - 32/40mm dia. drainage pipework
Sinks - 32/40mm dia drainage pipework

Anti-siphon traps to sinks, W/B's as necessary and air admittance valve at end of new drainage run.

All SVP's to have roddable access / cleaning eye at all bends in main runs.

Stub stacks to be provided where necessary with air admittance valve above the highest water level of the appliances it serves.

All pipework to be concealed and installed to allow adequate access for testing / maintenance.

Fire collar to be installed where pipes pass through fire rated wall or floor to maintain fire integrity. Slow bends to be installed where required.

HEATING SYSTEM

Radiators and heated towel rail to be installed as an extension of the existing heating system. New external boiler located as shown on plans.

All setting out to be subject to detailed site survey by contractor prior to construction.

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|---------------|--|---------|----------|
| Project | EXTENSION TO EXISTING HOUSE 27 TORR-NA-FAIRE, LOCHALINE, PA80 5XS | Scale | 1:50@A1 |
| Client | MR IAN SMITH & MISS JEMIMA LEASK | Date | 22/01/21 |
| Title | FLOOR PLAN, ELEVATIONS AND SECTION AS PROPOSED | Job No. | 202004 |
| Issue Purpose | BUILDING WARRANT | Dwg No. | BW01 |
| | | Drawn | KH |
| | | Rev. | A |