

Roof tiles on 25x38mm timber batten

50mm outer air gap

100mm celotex GA4000

50mm foil backed celotex

50mm RTB4000 to all joints to be taped to form continuous vapour barrier

12.5mm plasterboard with 5mm skim

Insulation between and over studs. 60mm celotex FR4000 between, plus 37.5mm celotex PL4000 insulated plasterboard

50mm foilbacked celotex tuff RTM GA4050 and taped

Provide ventilation at eaves level equivalent to a continuous 25mm gaps by means of vent strips fixed to back of fascia board. At ridge level by means of tile vents equal to a continuous vents slot of 5mm.

REFER TO STRUCTURAL ENGINEER CALCULATION & DETAIL SHEET

Dotted line denotes existing roof trusses to be carefully remove for new dormer windows

Doubled 150x50mm joists bolted together as head beam to dormer with 100x100mm posts each side.

RWP to match existing.

NOTE
White upvc double glazed window
Escape windows in dormer to have unobstructed opening that is at least 860mm high and 500mm and the bottom of the window opening should be not more than 1100mm and not less than 900mm above the floor.

Tile hung to match main roof finished with sheathing felt on 19mm WBP plywood on 100x50mm structural frame with 100mm polystyrene insulation infill. 12.5mm foil backed plasterboard & skim coat internally.

New floor joists to be notched around new steel beam to structural engineers detail.

22mm tongue & groove flooring chipboard
50mm rockfloor on 18mm flooring chipboard
New C24 floor joists @ 400c/c

100mm rockwool insulation between timber joists
existing floor joists
25mm gap between existing floor joists & new joists
150x50mm sc3 grade roof joists at 400mm centres

DETAIL A Floor Construction provide 1 hr fire protection
Scale 1:20

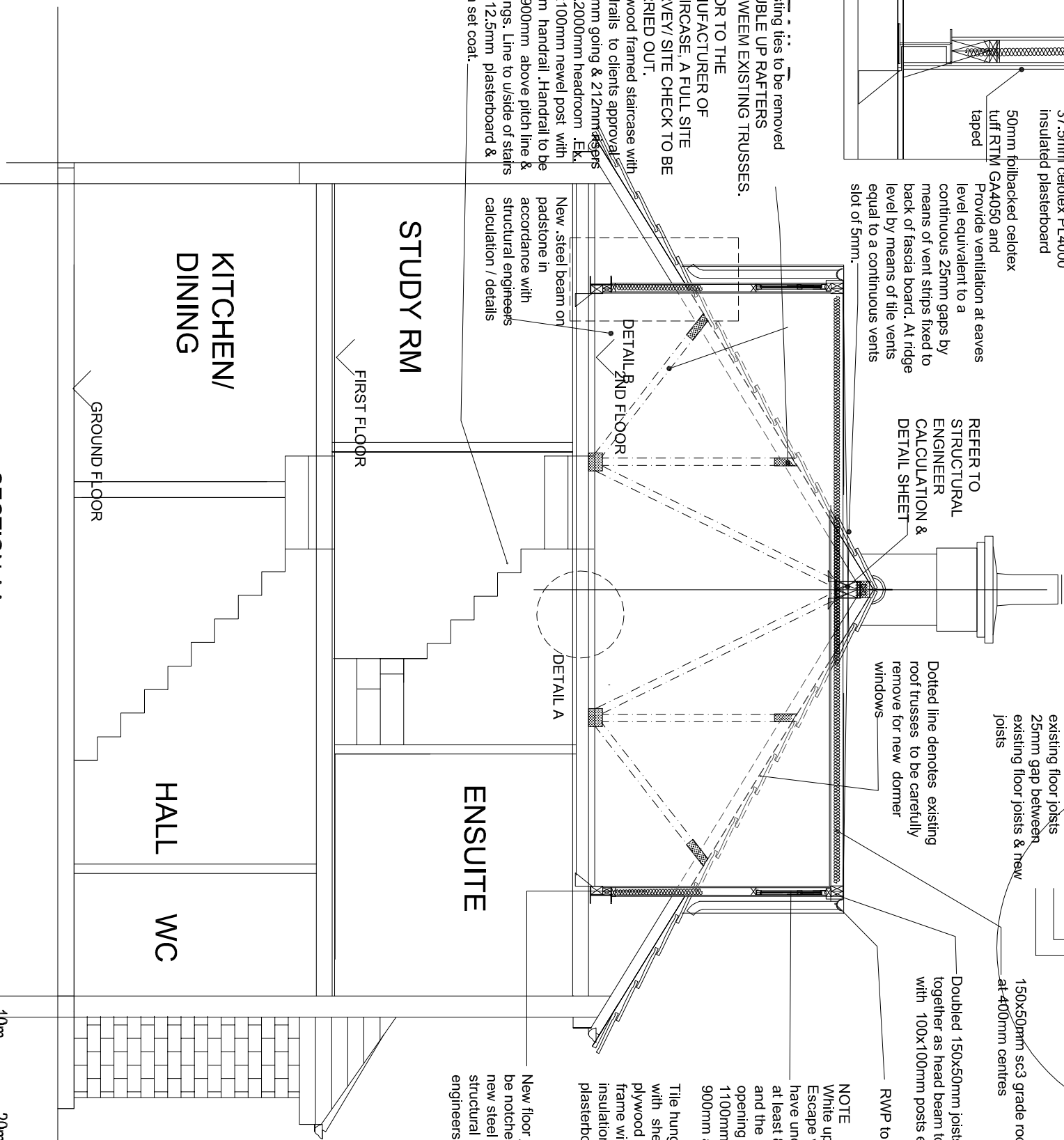
existing ties to be removed
DOUBLE UP RAFTERS
BETWEEN EXISTING TRUSSES.
PRIOR TO THE
MANUFACTURER OF
STAIRCASE, A FULL SITE
SURVEY/ SITE CHECK TO BE
CARRIED OUT.

Softwood framed staircase with handrails to clients approval.
.240mm going & 212mm risers
.Min.2000mm headroom .E.k.
100x100mm newel post with 65mm handrail .Handrail to be min.900mm above pitch line & landings. Line to outside of stairs with 12.5mm plasterboard & 6mm set coat.

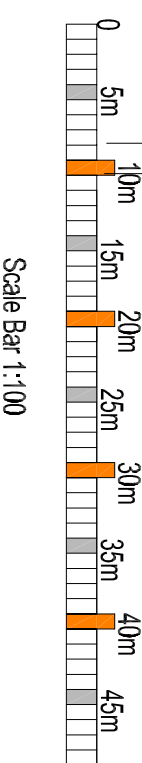
New steel beam on padstone in accordance with structural engineers calculation / details

DETAIL B

DETAIL A



SECTION AA
SCALE 1:50



Scale Bar 1:100

DO NOT SCALE
All dimensions to be checked on site. Errors or omissions should be reported to SD Designs (UK) Ltd

© Copyright belongs to SD Designs (UK) Ltd

Revision	Description	Date
SMUS		

SD Designs (UK) Ltd
Design & Architectural Consultant
38 Fiddes Park Crescent,
Chadwell Heath, Romford RM6 5AP
E: 0201 5071833 M: 07700 4002719
W: www.sd-designs-romford.co.uk

CLIENT
MRS LOLA OLANLOKUN

ADDRESS
23 HALCROW AVENUE
DARTFORD DA1 5FX

TITLE
SECTION AA

SCALE 1:50 DRAWN SD DATE FEBRUARY 2024

DRG NO GA407