

DO NOT SCALE

All dimensions to be checked on site. Errors or omissions should be reported to SD Designs(UK) Ltd

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Revision	Description	Date

**SD Designs (UK) Ltd**  
Design & Architectural Consultant  
28 Park Park Crescent RM6 4AP  
T: 020 8587 7533 W: 077 9240 5219  
E: info@sd-designs.co.uk  
www.sd-designs.co.uk

CLIENT  
MRS LOLA OLANLOKUN

ADDRESS  
23 HALCROW AVENUE  
DARTFORD DA1 5FX

TITLE  
PROPOSED LOFT LAYOUT  
FLOOR PLAN

SCALE 1:50 DRAWN SD DATE FEBRUARY 2024

DRG. NO. GA402

New .steel beam to structural engineer detail

**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 & 193.21mm risers  
.Min.2000mm headroom .Ex. 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 to structural engineer detail

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.

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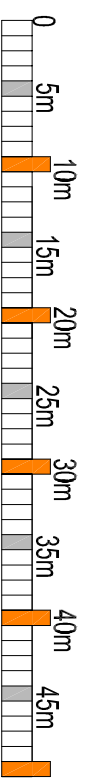
BED RM 4

4645 [15'-3"]

4870 [16']

3666 [12']

**PROPOSED LOFT LAYOUT PLAN SHOWING ROOM ARRANGEMENT**  
SCALE 1:50



22mm T & G moisture resistance chipboard on floor joists at 400mm centres. Span of joists as shown on plan.  
200mm rock wool fire barriers to be laid inwiresmesh draped& fixed to the new floor joists to achieve ½ hr fire resistance to existing & new joists / floor.  
Ridge beam on Steel post each side Refer to structural engineer calculation sheet.  
FIRE DOORS  
New fire door to habitable rooms accessed off the hallway to be half hour fire resistance in half hour frames with min.38x25mm door stops glued & screwed to frames with high melting point screws. Doors to be fitted with perko self closing in accordance with manufacturers recommendation.  
ALL NEW TIMBER JOISTS C24 GRADE @ 400MM CENTRES MINIMUM C/C.  
to engineers detail  
GENERAL NOTE ON FIRE ALARM SYSTEM  
Smoke alarms are to be interconnected and wired to a separate fused circuit at the distributik board..  
all smoke alarms to conform to bs 5446: part 1 and positioned at least 300mm from any wall or light fitting fire alarm system is to be installed in accordance with bs5839. occupants to receive manufacturers operating and maintenance instructions.