



Proprietary ridge ventilators to give equivalent to 5mm continuous wide strip

Dormer cheeks to have 12.5mm fireline board internally & 12.5mm superlux externally to have 1hr FR from both faces.

Dormer front to be strapped down to existing walling.

Existing purlins trimmer to rakers

New dormer front strapped to existing wall at 900mm ctrs

Rear dormer to be set back minimum 20cm

All steel beams are / structural calculations to be as per SE design & Specification

Non-loadbearing Internal Partitions
All proposed internal timber stud's partition, with 12.5mm Gyproc Fireline Plaster board each side, slab insulation sandwiched between 100 x 50mm timber studs @ 600 ctrs, skim finish to both sides and finished with eggshell white paint or similar to either side.

13mm chipping set in bitumen on 3 layers of bitumen asphaltic felt to BS747 to grade 2/3 vapour sheeting on 50x50 battens on 150x50 rafters @400 c/c, 125mm Kingspan consisting of 25mm Kingspan below roof joists. Side fascia stood off to provide 25mm air gap to provide vent to roof void felt take off under slate 450min. Window as shown opening area to 1/20th of total floor area.

WINDOWS
DOUBLE GLAZED WINDOWS, WITH TOP AND SIDE HUNG OPENING LIGHTS, AS CLIENTS REQUIREMENTS. WINDOWS FITTED WITH TRICKLE VENTS FOR BACKGROUND VENTILATION. OUTWARD OPENING DOUBLE GLAZED. GLAZING TO BE BREAK SAFE LAMINATED, BOTH LEAVES. ESCAPE WINDOW TO BEDROOM 1 & 2 TO INCORPORATE AN OPENING LIGHT 450mm WIDE x 750mm HIGH (MINIMUM) WITH CILL HEIGHT NO MORE THAN 800mm ABOVE FFL.

Proposed new floor to be constructed of 225 x 75mm C24 graded timber floor joists @400mm ctrs with noggins in between, tongue and groove floor board on top and 12.5mm fire line board with skim finish to underside.

TRVs required for radiators
Mains wired smoke detection to all floors.

All steel beams are / structural calculations to be as per SE design & Specification

50x150mm C24 timber rafters @400mm ctrs

225x100mm C25 timber rafter to both sides, (supporting dormer cheek)

100x100mm corners / centre post

Mains wired interlinked smoke detection to all floors

TRVs required for radiators
Party / separating wall to be taken upto roof level and fire stopped

**PROPOSED SECOND FLOOR
(Typical section)**

PROJECT:
PROPOSED LOFT CONVERSION TO INCLUDE DORMER WINDOW TO REAR ELEVATION, SKY LIGHTS TO THE FRONT AND HIPPED TO GABLE ROOF @ 19 NIXON AVE LS9 9BE

Rev.	Description

Vangaard D&A Ltd
Park Lane Centre - Park Lane
BD5 0LN - T 0800 644 0533

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Scale: 1:25
Date: MARCH 2024
Drawing No. BC(0)