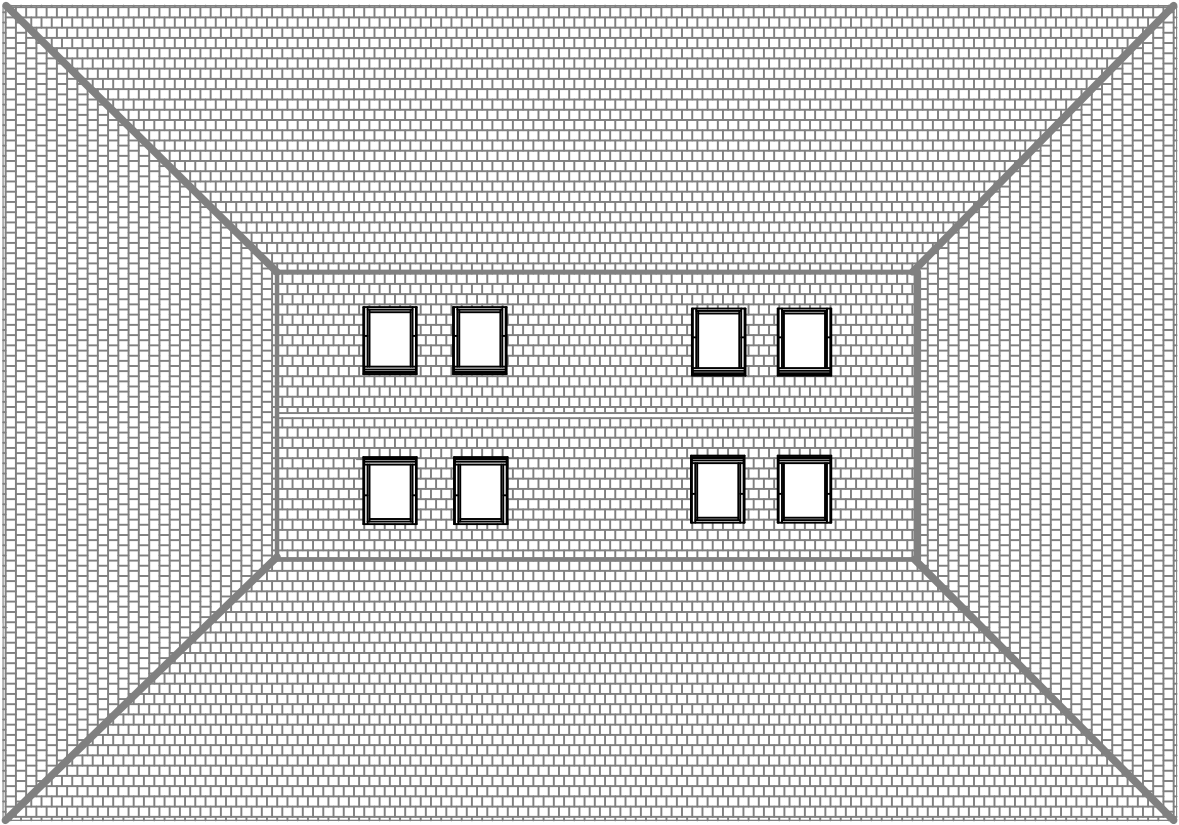




PROPOSED ROOF DESIGN WITH EXTENDED HIP RAFTERS.

SCALE 1:80

Marley Eternit Cladding Panels.

Cedral Weatherboard, a fibre-reinforced cement siding for use as exterior non-loadbearing cladding over timber stud or masonry walls.

CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
 - factors relating to additional non-regulatory information where applicable
 - independently verified technical specification
 - assessment criteria and technical investigations
 - design considerations
 - installation guidance
 - regular surveillance of production
 - formal three-yearly review.
- KEY FACTORS ASSESSED**
- Strength and stability — the product can accept the wind loading and impacts likely to be met in service in the UK (see section 6).
- Performance in relation to fire — the product has a 'reaction to fire' classification of A2, in accordance with EN 13501-1 : 2002.
- Weathertightness — the product, when installed, is not weathertight and must be used in conjunction with a suitable vapour permeable membrane.
- Durability — the product is durable and can be expected to have a service life in excess of 30 years.

Ridge Rafters (Grey Solid Lines):

Ridge rafters must be extended and connected as per the Structural engineer's drawing; the main roof then extends up to the ridge line, and where the existing apex is situated, the apex of the roofing will remain to create a gable end will be clad in a fire resistant cladding.

Ridge Rafters (Grey Solid Lines):

As per Structural Engineers Design.

Rafters at to be 150x50 C16 timber at 400mm centers.

Rafters spanning the with of the ring beam are to be doubled up and the Velux window layout is to be confirmed.

Rafters to be fixed to the top of the existing purlin with rafter clips.

New ridge beam to be installed 200x50 C16 timber.

Gable Pike 75x50 C16 timber stud work at 400mm centers and insulated to meet U-Value Calculation requirements from top of the existing purlin to underside of the rafters.

Velux Window Specification:

As per Velux Design Team.

GGU SK10 0070
VELUX top-operated, centre-pivot roof window GGU 1140 mm x 1600 mmGlazing 70Thermal transmittance (Uw) 1.3 W/(m2K)

GGU SK10 007030
VELUX solar, centre-pivot roof window GGU 1140 mm x 1600 mmGlazing 70Thermal transmittance (Uw) 1.3 W/(m2K)

EKW SK10 0021E
VELUX flashing EKW for profiled roofing materials, combi installation 1140 mm x 1600 mmAluminium, dark grey

EKW SK10 0002E
VELUX flashing EKW for profiled roofing materials, combi installation 1140 mm x 1600 mmAluminium, dark grey

BDX SK10 2000
VELUX installation set BDX, single installation 1140 mm x 1600 mm

KIX 300A
VELUX ACTIVE indoor climate control KIX 300

Notes

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0 200 400 600 800
Scale in mm. @ A3 1:20

Residual Risks

In addition to the hazard/risks normally associated with the types of work detailed on this drawing take note of the above. It is assumed that all works on this drawing will be carried out by a competent contractor working, where appropriate, to an appropriate method statement.

Safety Health and Environmental Information Box

RevID	Note	Date	Drwn	Chkd

Project Name & Number

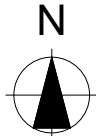
Moorfield Retirement, Wordsworth Avenue, Manchester, M26 3QY

Client

Six Town Housing

Layout Title

Moorfield Retirement housing
Proposed Roof Plans



number	rev	status	drawn by	checked
7539-ARC-XX-00-DR-A-010009	1	P1	MB	TN

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