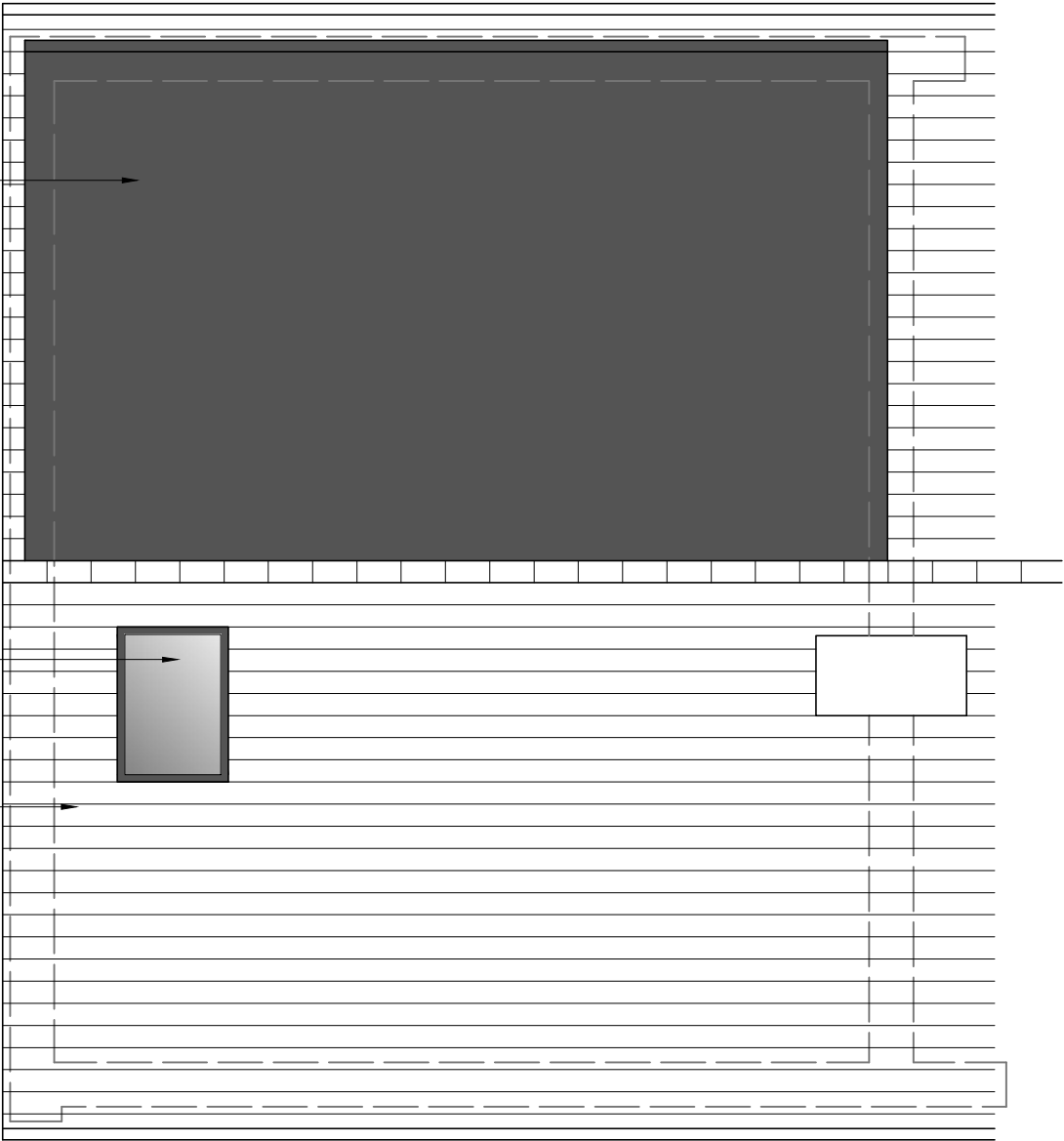


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All dimensions and levels to be checked on site. No building work is to be started until all relevant approvals are in place.
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Cold flat roof to be constructed in single ply rubber membrane waterproof top layer, 18mm plywood deck, on 170x75mm C24 roof joists at 400mm centres.
100mm Kingspan Kooltherm TR27 insulation between joists leaving a min. 50mm airgap above insulation. Roof joists underdrawn with 50mm Kingspan Kooltherm TR27 insulation between timber battens, then vapour control layer and 12.5mm plasterboard and skim.
To give a U-Value of 0.15w/m²k.

Velux rooflight to be fitted to manufacturers instructions. Trim around opening with double up rafters.

Add timber battens to run with underside of existing rafters, to increase depth of existing rafters, to allow for substantial thickness of insulation between rafters. Insulation to existing and new pitched roof to allow for minimum 50mm air gap above 120mm Celotex XR4000 insulation between rafters. Underdraw rafters with 60mm Celotex GA4000 insulation then 12.5mm plasterboard, with 3mm skim coat plaster.
U value of roof = 0.15W/m2K.



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JOB TITLE :
ADDRESS :
DRAWING TITLE :
SCALE :
DRAWN : xxx

Proposed Extensions And Alterations
133 Kingsway, Alkrington
Proposed Roof Plan
1:50 @ A3
DATE : 01.08.23

JOB NO./
DWG NO.

764-11