

NOTES

1. Do NOT scale from this drawing.
2. All dimensions to be confirmed by the Contractor by site measure prior to work commencing, or fabrication or ordering of any components.
3. In the case of any discrepancy, always refer to the Architect.

Client

Mr A. Brogan

Project

Garage Conversion
14 Strathyre Gardens
East Kilbride

Title

Proposed Front Elevation

job no

T1.08

drg size

A3

drg no

L(20) 02

rev

-

date

April 21

by

KM

scale

1:50

Autocad Reference



9 montgomery street
the village
east kilbride
glasgow G74 4JS

tel : 01355 260909
enquiries@dtaarchitects.co.uk

©2021 Copyright of DTA Chartered Architects

Contractor to assess existing wall build up on site. Any discrepancy noted should be reported to the architect.

Existing uninsulated external garage :
102.5mm facing brick outer leaf, minimum 50mm air cavity with 100mm dense concrete block inner leaf with 102.5mm Kingspan Kooltherm K118 insulated plasterboard, all joints taped and filled.

Proposed family room infill wall construction comprising of 102.5mm facing brick outer leaf, 50mm ventilated air cavity with Protect TF200 breather membrane or equal approved on 9mm OSB3 sheathing fixed to 45x140mm CLS grade C16 timber studs at centres to structural engineer's specification. Stainless steel wall ties at 450mm centres vertically and 600mm horizontally. 1 no. layer 140mm Crown FrameTherm 35 insulation between timber studs, vapour control layer with Celotex PL4025 37.5mm insulated plasterboard to internal finish with all joints taped and filled for decoration.

Existing insulated internal garage wall:
100mm dense concrete block outer leaf, minimum 50mm air cavity with 100mm dense concrete block inner leaf, 50mm x 50mm timber studs with 50mm Earthwool Acoustic Insulation between, finished with 12.5mm plasterboard, all joints taped and filled.

Hermetically sealed Low-E double glazed uPVC windows to achieve U-Value of 1.4W/m²K

Windows to comply with the current editions of the following standards:
BS ISO 9002 BS 6206
BBA Resistance to intrusion BS 8213-4
BS 7950 BS 7722
BS 7413

Vertical DPC's to be insulated polymer type around doors and window openings, or uninsulated polymer in all other cases unless specified otherwise.

Trickle ventilators to be fitted to windows as required providing 10000sq.mm of ventilation.

Existing lintel above garage door to remain as existing



New cill and brick courses to match existing

New brickwork in-fill to match and be stitched into existing coursing

New uPVC escape windows to fit existing garage opening with a minimum unobstructed opening of 450mm x 450mm and area of at least 0.33m²

Windows, doors and glazing should be designed and installed to resist forced entry where:
located at ground floor level and easily accessible; or where otherwise easily accessible from outside, such as by climbing on building projections.
There are a number of ways in which this can be achieved:
a. by meeting the recommendations for physical security in Section 2 of 'Secured by Design' (ACPO, 2009); or
b. by use of doorsets and windows which are tested and certified by a notified body as meeting a recognised standard for security; or
c. by use of doorsets and windows manufactured to meet recognised product standards and defined component performance.

Proposed Front Elevation Scale 1:50

