

CONSTRUCTION NOTES:-

Architectural section drawing of a proposed extension to a house. The drawing shows a cross-section of the building with a gabled roof. The existing structure is shown in red, and the proposed extension is in blue. The extension includes a Dining Area, a Bathroom, and two Bedrooms (Bedroom 3 and Bedroom 4). The roof is shown with a 285mm eaves height to match the existing structure. The floor is shown with 100mm acoustic insulation to the floor void, 100mm Kingspan Thermafloor TF70, and A193 bottom mesh. The walls are shown with 200mm min. insulation and 600mm min. concrete. The drawing is labeled with dimensions and materials.

Existing foundations to be inspected prior to work commencing to ensure the existing footings can withstand the new imposed and structural loading following the extension works.

Diagram illustrating the installation of roof lights and kitchen fixtures, showing the roof structure, wall, and the placement of roof lights and kitchen fixtures.

- Stepped code 4 lead flashing, cavity tray.
- Roof lights installed to manufacturers specification
- Ensure minimum 1050mm sill height internally to allow for kitchen fixtures.

23° Roof Pitch

1210

2101

Ensure minimum 1050mm gill height internally to allow for bathroom fixtures.

Hopper

EAVES HEIGHT TO MATCH EXISTING

The drawing is a vertical section through a house extension. At the top, a roof section is shown with rafters and a ceiling. Below the roof, the interior of the extension is shown, including a bedroom and a dining area. The drawing includes various dimensions and annotations for construction details.

Annotations and Dimensions:

- Roof:**
 - Code 4# lead lined valley gutter on min. 100 x 20mm thick s.w. treated t and g boarding lead min. 250mm under tiles and sarking felt and lead edges to have site formed and beaten capillary groove.
 - Specialist reducing trussed rafters to BS 5268 part 3 2006 @ 600cts
 - Roof pitch to match existing.
 - Trusses to be mechanically fixed to wallplate.
 - At eaves provide Monarflex-Eaves Guard 1.5mm thick black HDPE 1000mm wide with min 250mm lap under sarking felt.
- Bedroom 3:**
 - 2100 Min. to underside of steel
 - To Match Existing
- Dining Area:**
 - 100mm Acoustic insulation to floor void.
 - 1425
 - 675
 - to match existing
- External Dimensions:**
 - EAVES HEIGHT TO MATCH EXISTING
 - To match existing
 - 3525
 - 200 min.
 - 600 min.
 - 700 min.
- Foundations and Floor:**
 - Existing foundations to be inspected prior to work commencing to ensure the existing footings can withstand the new imposed and structural loading following the extension works.
 - 80mm Kingspan Thermalfloor TF70.
 - A193 bottom mesh.
 - Provide weak mix concrete cavity fill min 225mm below dpc.
 - All new foundations to be built in accordance with Building Regulations A1 / A2.

All new foundations to be constructed in accordance with Building Regulations A1 / A2.

Two rows of head fixings

Saddle

For roof pitches above 60° additional nail fixings of each side only

Felt omitted for clarity

Lap length = 115mm

Mortar bedding on plain tile slips

Valley board laid in traditional rafters

Well

Code 4 millit lead sheet to BS 1789 is longer not exceeding 1500mm for

gutter lining

Technical drawing of a V-groove weld joint. The drawing shows two plates, each 75mm thick, meeting at a 60-degree angle. The total width of the joint is 125mm. The distance from the centerline to the edge of the plate is 150mm. The distance from the centerline to the start of the weld is 225mm. A 25mm clear channel is indicated on the right side.

Diagram illustrating the eave height and window placement for a building facade. The diagram shows a cross-section of a roof with a gabled structure. The eaves height is indicated by a vertical dimension line labeled "EAVES HEIGHT TO MATCH EXISTING". The roof is shown with a series of horizontal lines representing the roof structure. The building facade is shown with a brick pattern. Two windows are depicted: a smaller, square window with a grid pattern (likely representing a glass block window) and a larger, rectangular window below it. A callout line points to the smaller window with the text: "This window to be obscured / frosted to maintain privacy". Another callout line points to the roof structure with the text: "Proprietary membrane to be used in eaves area for ventilation to be used in eaves area".

— This window to be full
obscure / frosted glass
to maintain privacy

DRAWING TITLE		
PROPOSED ELEVATIONS AND SECTIONS		
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PROJECT		
PROPOSED TWO STOREY REAR EXTENSION		
LOCATION		
16 Wrenbury Drive Rochdale		
DRAWN:-	Frank James Smith	DRAWING NUMBER:-
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