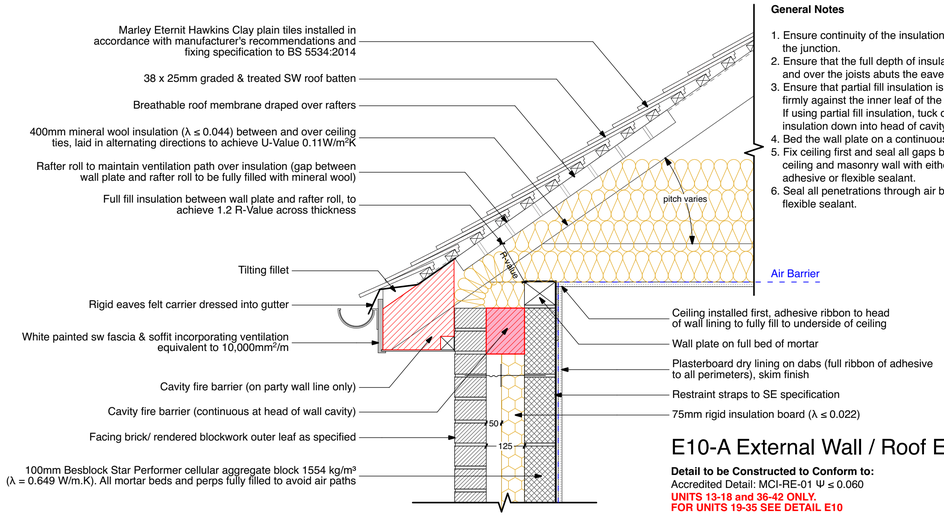
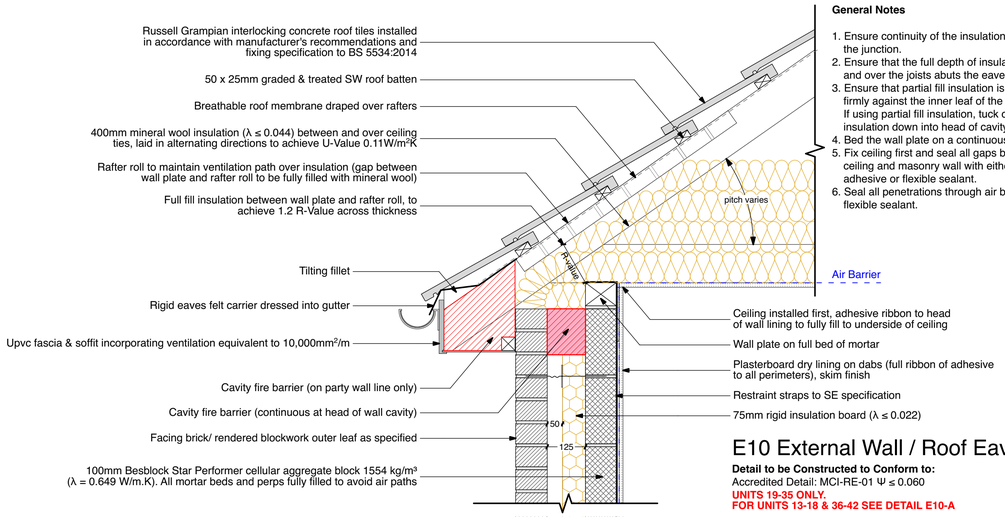


General Notes

1. Ensure continuity of the insulation throughout the junction.
2. Ensure that the full depth of insulation between and over the joists abuts the eaves insulation.
3. Ensure that partial fill insulation is secured firmly against the inner leaf of the cavity wall. If using partial fill insulation, tuck compressible insulation down into head of cavity.
4. Bed the wall plate on a continuous mortar bed.
5. Fix ceiling first and seal all gaps between the ceiling and masonry wall with either plaster, adhesive or flexible sealant.
6. Seal all penetrations through air barrier using a flexible sealant.

E10-A External Wall / Roof Eaves

Detail to be Constructed to Conform to:
Accredited Detail: MCI-RE-01 Ψ ≤ 0.060
UNITS 13-18 and 36-42 ONLY
FOR UNITS 19-35 SEE DETAIL E10

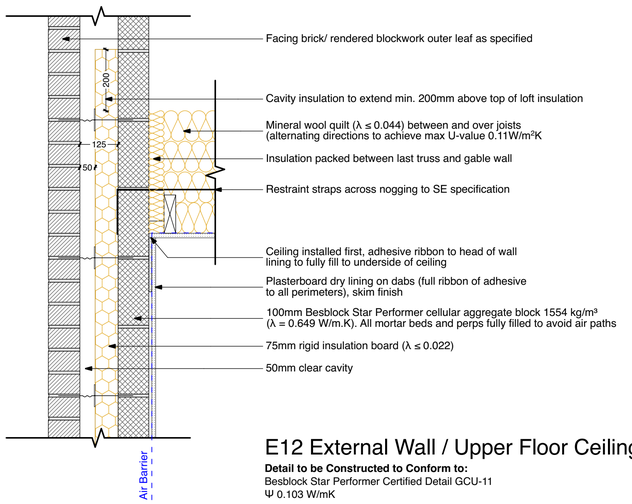


General Notes

1. Ensure continuity of the insulation throughout the junction.
2. Ensure that the full depth of insulation between and over the joists abuts the eaves insulation.
3. Ensure that partial fill insulation is secured firmly against the inner leaf of the cavity wall. If using partial fill insulation, tuck compressible insulation down into head of cavity.
4. Bed the wall plate on a continuous mortar bed.
5. Fix ceiling first and seal all gaps between the ceiling and masonry wall with either plaster, adhesive or flexible sealant.
6. Seal all penetrations through air barrier using a flexible sealant.

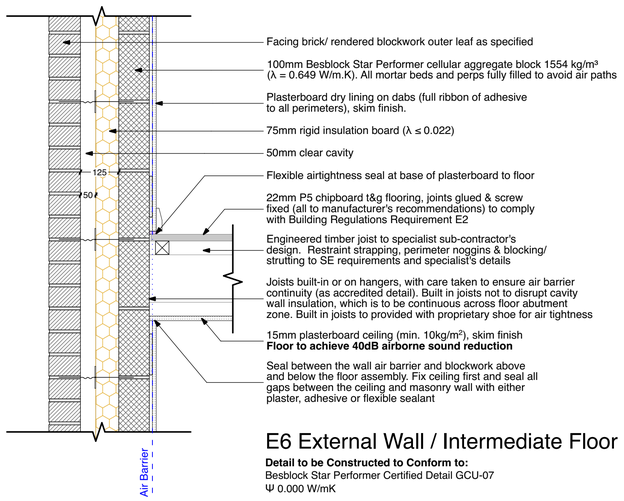
E10 External Wall / Roof Eaves

Detail to be Constructed to Conform to:
Accredited Detail: MCI-RE-01 Ψ ≤ 0.060
UNITS 19-35 ONLY.
FOR UNITS 13-18 & 36-42 SEE DETAIL E10-A



E12 External Wall / Upper Floor Ceiling (Gable)

Detail to be Constructed to Conform to:
Besblock Star Performer Certified Detail GCU-11
Ψ 0.103 W/mK



E6 External Wall / Intermediate Floor

Detail to be Constructed to Conform to:
Besblock Star Performer Certified Detail GCU-07
Ψ 0.000 W/mK

NOTE:

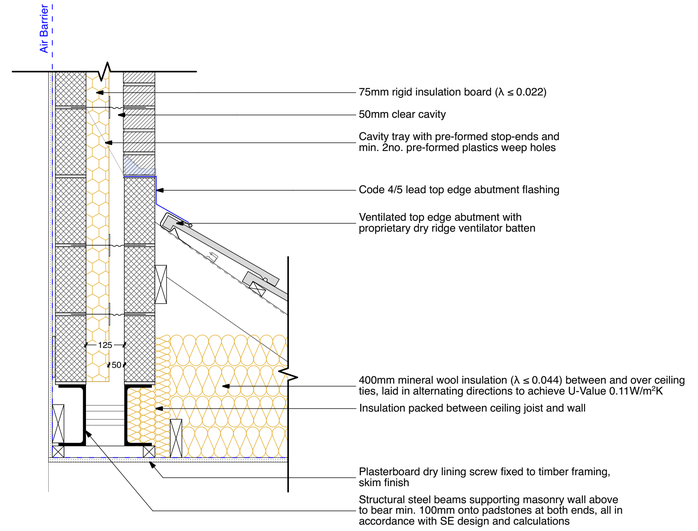
All works to be carried out in accordance with relevant British and European Standards and Codes of Practice. All construction products to bear CE mark and be used in accordance with manufacturer's recommendations and applicable BBA certificates. Any conflicts to be notified to architect at earliest opportunity.

This drawing to be read in conjunction with all relevant Architect's and other Specialist's drawings, details and specifications.

General Notes

Where details refer to Robust Details/ Certified Construction Details, these should be read in conjunction to ensure all requirements are addressed.

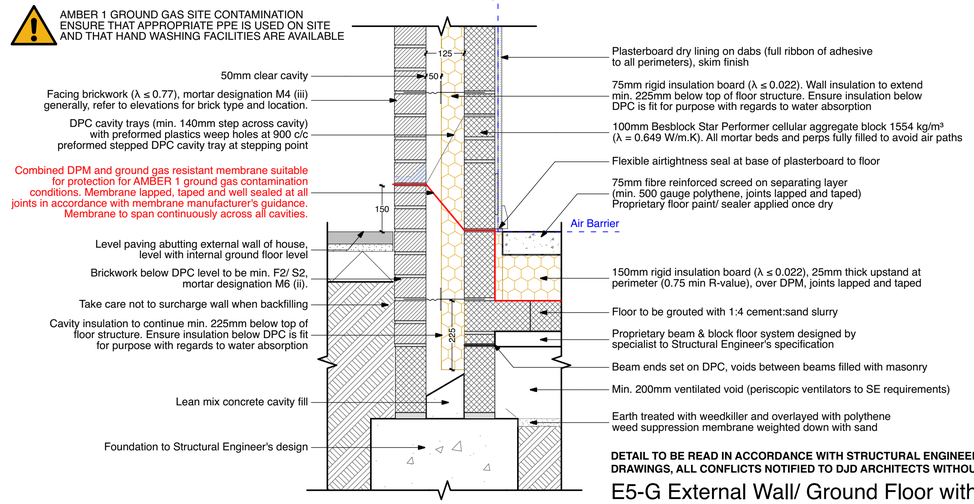
01. All works to be carried out to all relevant British Standards and products used in accordance with the manufacturers details and agrement certificates.
02. Ensure cavities are kept clean of mortar snots and other debris during construction.
03. Wall ties to be at 900mm horizontal centres and 450mm vertical centres generally. Additional ties within 150mm of reveals and corners at max. 300mm vertical centres.
04. All insulation boards to be tightly butted with each other and against the substrate using min. 3no. retaining clips per board.
05. Seal all penetrations through the inner leaf with a flexible sealant or purpose made shoe, which should itself be sealed to the inner leaf.
06. Joist hangers should be considered in preference to building timber joists into the inner leaf to reduce likelihood of acoustic defects.
07. Where engineered floor joists are used, careful attention should be paid to fixing filler pieces on both sides of the web between flanges.
08. Where joist lengths exceed 2.5m one row of strutting/ blocking to be fixed at mid-span, spans exceeding 4.5m to be provided two rows of strutting/ blocking fixed at 1/3-span.
09. Plasterboard on dabs with continuous ribbon of adhesive around all openings, along the top and bottom of the wall, and at internal and external corners.
10. Seal all penetrations through the air barrier with a flexible sealant.
11. Seal between the wall air barrier and the floor above and below the connection with a flexible sealant.
12. Service chases to be no deeper than 1/3 depth of the masonry leaf. Avoid chases where possible on separating walls; if essential, ensure back to back positioning is avoided.



E24 External Wall/ Ceiling (Inverted)

Default linear thermal bridging value Ψ 0.240 W/mK

AMBER 1 GROUND GAS SITE CONTAMINATION
ENSURE THAT APPROPRIATE PPE IS USED ON SITE AND THAT HAND WASHING FACILITIES ARE AVAILABLE



Care to be taken when installing the ground gas protection membrane. All penetrations to be well sealed in accordance with membrane manufacturer's guidance

DETAIL TO BE READ IN ACCORDANCE WITH STRUCTURAL ENGINEER'S DRAWINGS, ALL CONFLICTS NOTIFIED TO DJD ARCHITECTS WITHOUT DELAY

E5-G External Wall/ Ground Floor with Gas Protection

UNITS 13-18 and 33-42 ONLY. FOR UNITS 19-32 SEE DETAIL E5

Detail to be Constructed to Conform to:
Besblock Star Performer Certified Detail GCU-04
Ψ 0.098 W/mK

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B	19.12.2016	Roof details updated	RKP
A	05.10.2016	Text updated	RKP

Revisions

0 10 20 30 40 50 60 70 80 90 100

When reproduced correctly at 1:1 this scale should be accurate in millimetres

Significant risks are not necessarily those that involve the greatest risks, but those, including health risks that are:
a) not likely to be obvious to a competent contractor or other designers;
b) unusual; or
c) likely to be difficult to manage effectively.

Significant Health and Safety Risks:

- Amber 1 Ground Gas Contamination, ensure appropriate PPE is used on site and hand wash facilities are available.

Client: **The Wrekin Housing Trust**
Project: **Bank Street, Cheadle**
Drawing Title: **Construction Details**
Drawing Format: **A1**
Drawn: **MJA 13.05.2016**
Drawing Status: **BUILDING REGS**
Drawing Scale: **1:10**
Checked:
pdf pli dwg
Approved For Issue:
Drawing Number and Revision:
2015/K787/250(B)