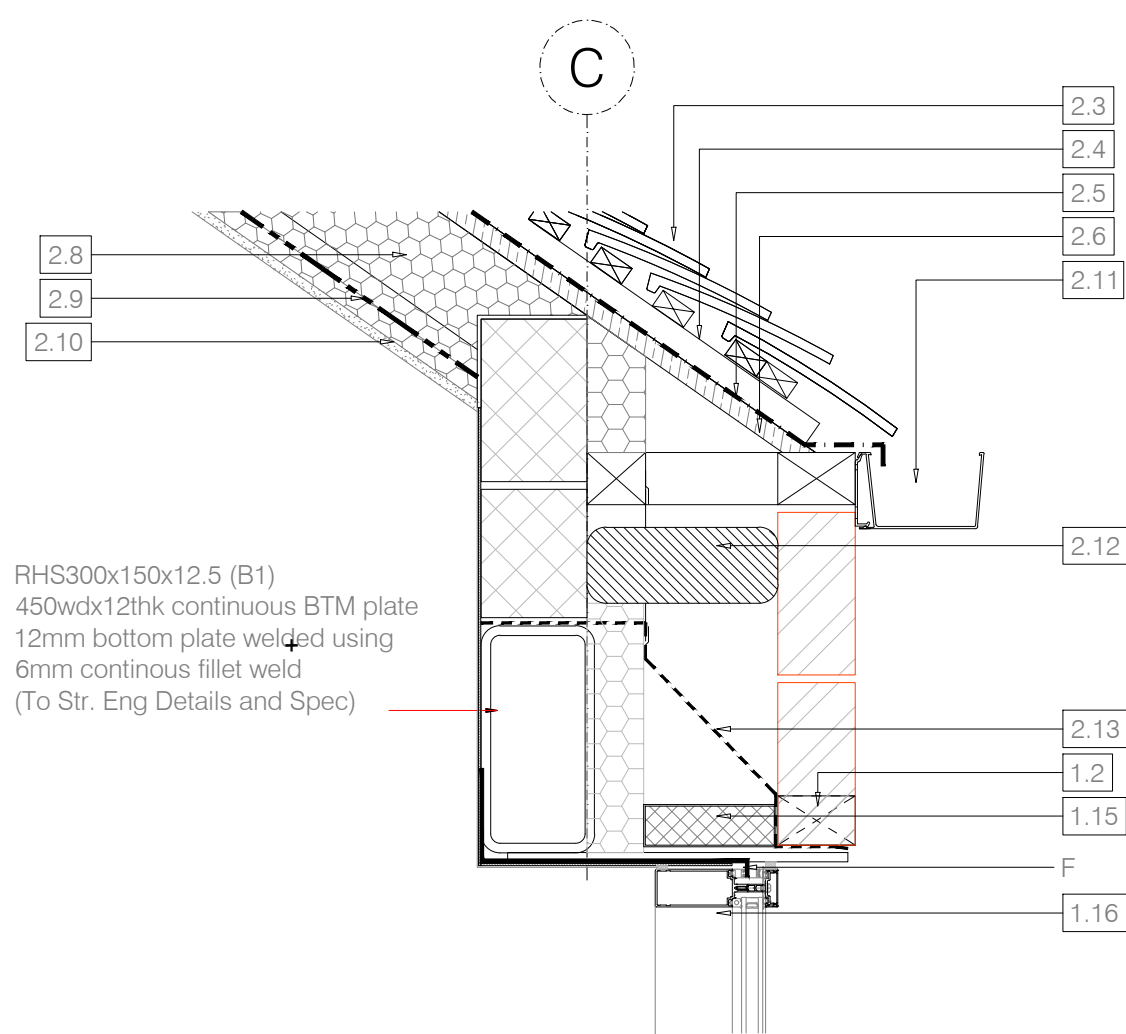
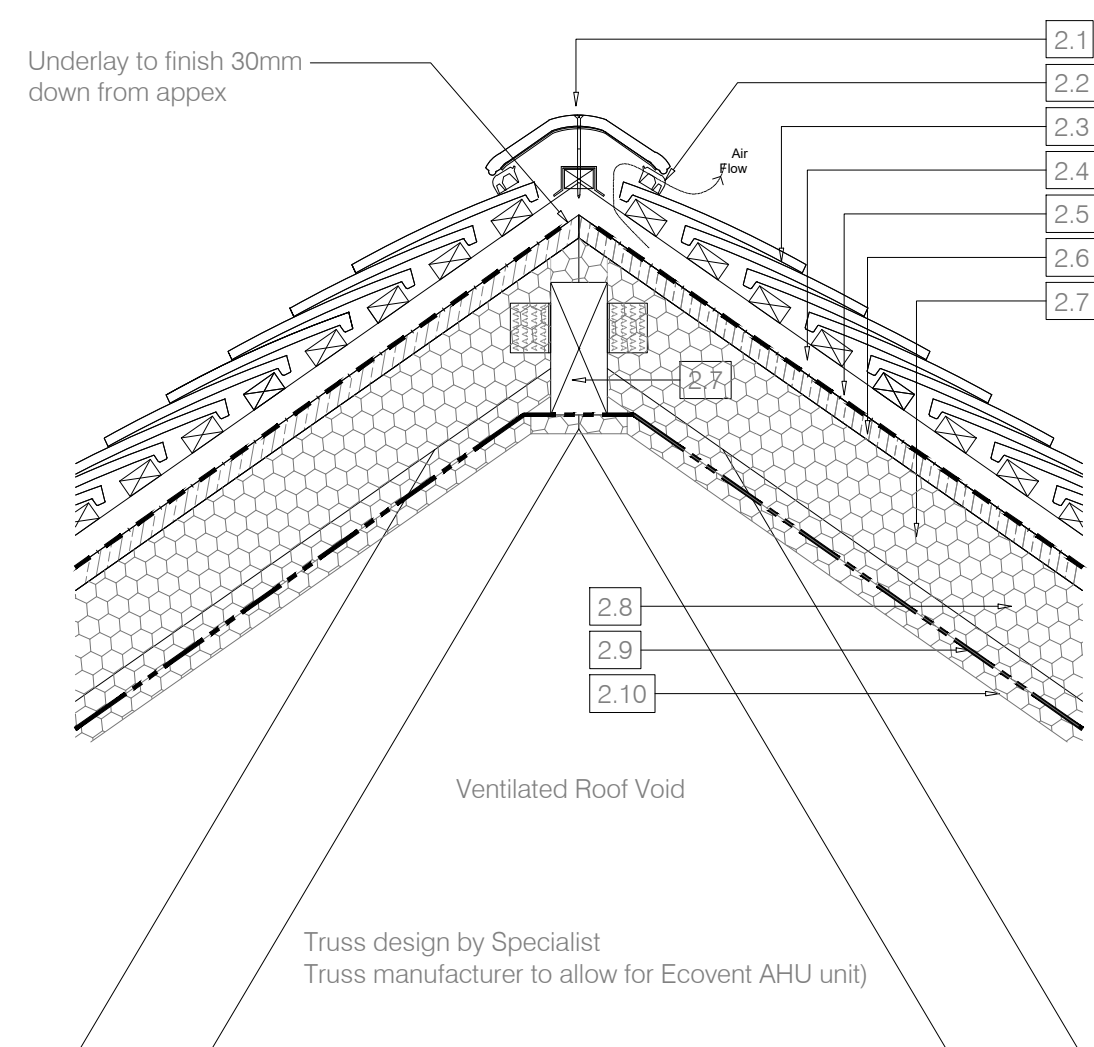




1 ROOF WALL JUNCTION DETAIL



2 ROOF RIDGE DETAIL

WALL TIE NOTES

Refer to individual details adjacent for wall tie type identification.

All Brick Ties shown indicatively only - to be reviewed at stage 4

Wall Tie (*External Walls, Block Inner Leaf*)
Ancon wall tie RT2, or similar approved,
insulation retainer clip. Spaced 450mm
vertically and 750mm horizontally staggered.

DETAIL NOTE KEY

- 1.1. Lean mix concrete spigut toward outer leaf
- 1.2. Deep holes at max. 900mm centres. Rytons Slim Vent Minor or similar
- 1.3. RC ground beam. Refer to Struct. Eng. design for depth & size
- 1.4. 65mm deep RC lintel to Struct. Eng. specification
- 1.5. Proprietary pressure ventilators built in as work proceeds
- 1.6. 65mm pitched brickwork (Positions shown indicatively on substructure plans). Perpend to be staggered and masonry units to be cut neat and square
- 1.7. Ribs plastic airbrick or similar approved. Size 215 x 65mm. Colour to match adjacent brickwork. See ventilation note above
- 1.8. Ancor wall tie RT2 or similar approved - Conforms to BS 6689 Part 2, 250mm long with insulation retainer - 450mm vert. 750mm horizontal staggered
- 1.9. Skirting
- 1.10. 25mm thick upstand of rigid floor insulation at junction between screed and all external wall constructions
- 1.11. Granular fill
- 1.12. 102.5mm facing brickwork (see elevations for brick type) laid stretcher bond
- 1.13. Clear ventilated cavity
- 1.14. 75mm Kingspan Kooltherm K108.
- 1.15. 140mm dense concrete. Refer to density to Structural Engineers detail and spec.
- 1.16. Cavity Closer
- 1.17. Aluminium curtain wall/mullion/transom. (System TBC to match windows)
- 1.18. Curtain wall base fixing plate to suppliers design.

- 2.1: Ridge tile with drive screw with neoprene washer and foam grommet.
- 2.2: Roof Ridge Vent
- 2.3: Pitched slate roof 35 degrees
- 2.4: Battens and Counter-battens
- 2.5: K: Kingspan Nulivert breathable membrane
- 2.6: Sarking board
- 2.7: Trusses and Ridge beam to Specialist design
- 2.8: 150 Kingspan Kooltherm K107 installed in accordance with manufacturer's recommendations and instructions.
- 2.9: Vapour control layer in accordance with supplier's recommendation.
- 2.10: Kingspan Kooltherm K118 - 37.5mm (12.5mm plasterboard internal finish.
- 2.11: Roof Gutter system - Alutec - Alligator 160x100 gutter and 100x20 downpipe.
- 2.12: Fire stop
- 2.13: Cavity trays above bricks and below weep.

GENERAL NOTES

This drawing should be read in conjunction with all relevant consultants drawings and specifications.

Refer to the Project Fire Consultants' Report for further details.
Refer to the Project Acoustician Report for further details.

GENERAL KEY

For floor and slab levels refer to GA plans, elevations and sections. For additional levels for RC and structural elements refer to structural engineer's drawings and documentation.

 Finished Floor Level (FFL)

 Structural Slab Level (SSL)

Wall & Floor Tags

 Refer to 21.01, 22.01 & 23.01
for external wall, internal wall
and floor build-ups

BLOCKWORK STRENGTH

All blockwork strengths to be confirmed by Structural engineers.

Wall stability and slenderness ratio to be checked/ confirmed by engineer.

Truss setting out by engineer

MEMBRANE & WATERPROOFING KEY

A ——— 1200 gauge polythene DPM
(with all joints lapped and
sealed)

B - - - - - Visqueen Zedex CPT High

6. Memory Control Layer (50%)

gauge polythene)

D — — — — — Tyvek Housewrap breathable membrane

E — — — — 500 gauge Visqueen
polythene sep. membrane

F ————— EPDM

SUBSTRUCTURE NOTES

Periscope underfloor ventilator with coloured air brick to match facing located within 450mm of party walls & flank walls. Ensure cavity width is maintained to accommodate periscope vent. Refer to substructure plans for setting-out of sub-floor vents.

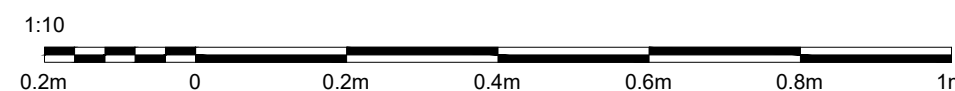
Refer to M&E consultants drawings for location and number of services and radius of bends.
To be read in conjunction with SE drawings.
Main contractor to seek installation advice from supplier before construction starts.

Refer to Structural Engineer's drawings for beam and block depth locations (additionally refer to subcontractor's drawings).

BLOCKWORK STRENGTH

Refer to external wall and internal wall types A(21) and A(22) series for above ground blockwork strengths.

All substructure blockwork on all buildings is to be 7.3N/mm² minimum strength.

[illegible]

NOTES

ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM DRAWING. DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS. ERRORS AND OMISSIONS TO BE REPORTED TO THE ARCHITECT. THIS DRAWING IS COPYRIGHT.

EDGINGTON
SPINK + HYNE
CHARTERED ARCHITECTS

Arborfield Green Sports Pavilion
Arborfield Garrison
Wokingham

Roof Details

SCALE (A1)	1:10	CAD REF	6109-1300	
DATE	Mar 25	DRAWN	VK	
JOB No.	6109	DWG No.	27.02	C

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