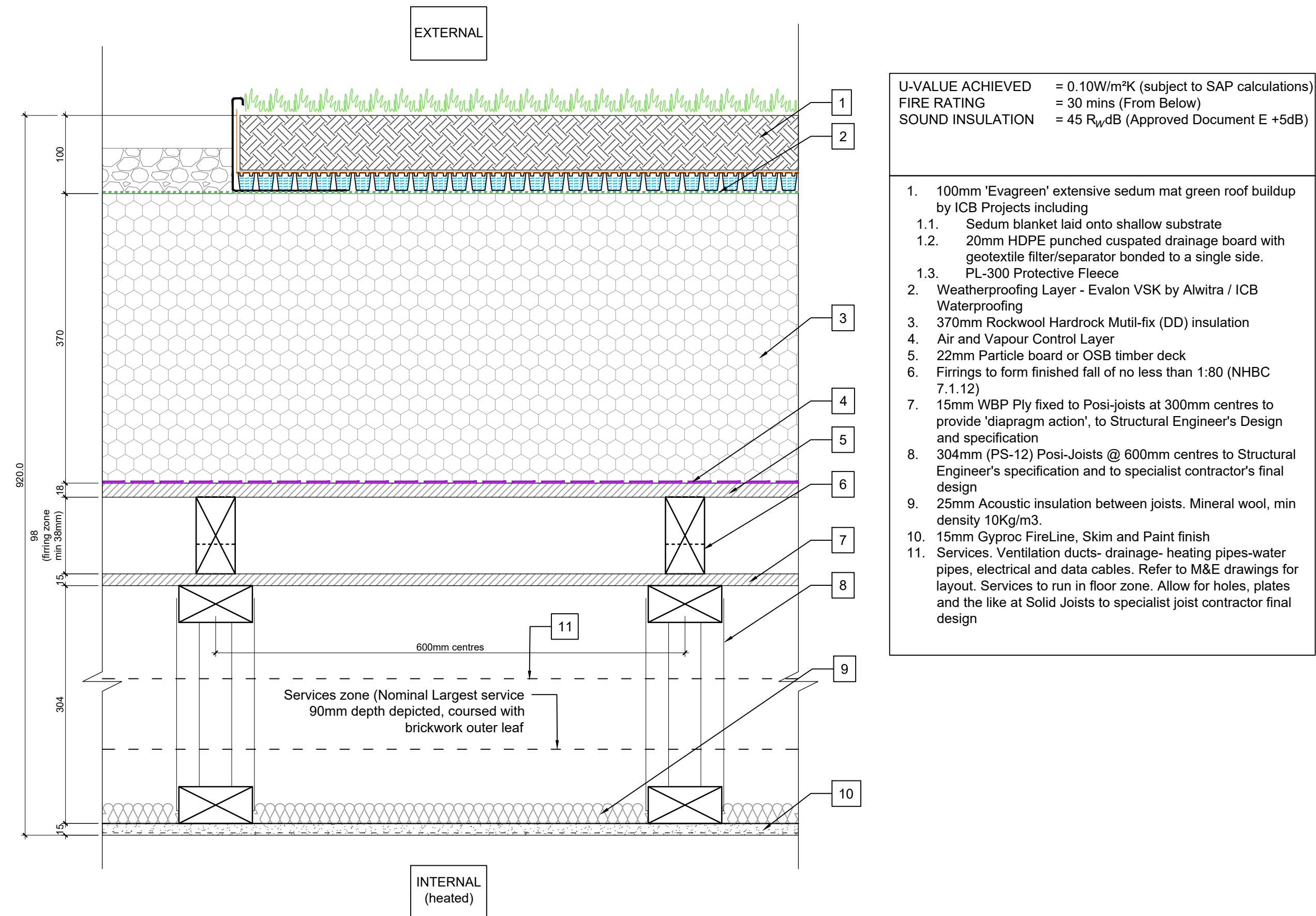
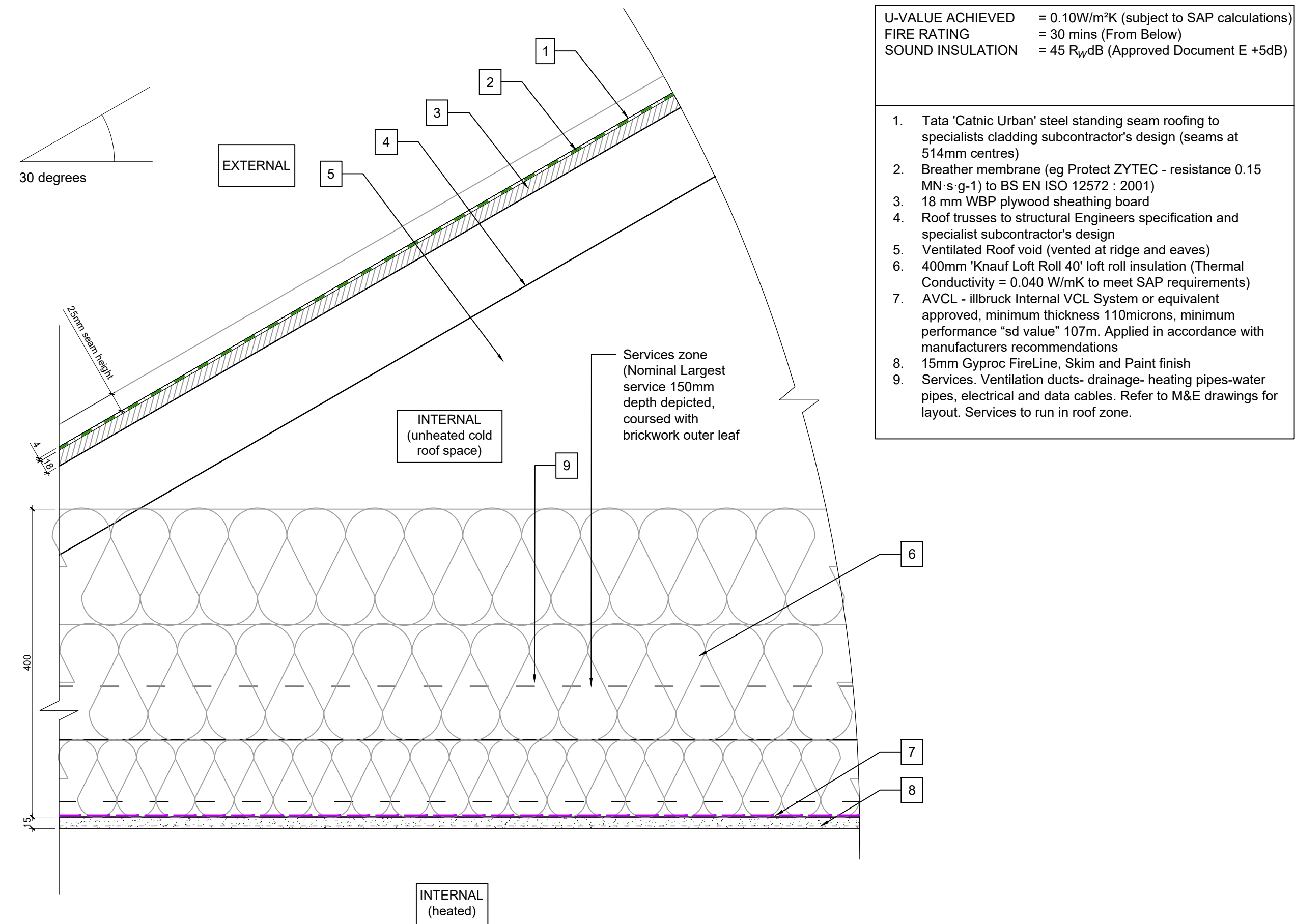


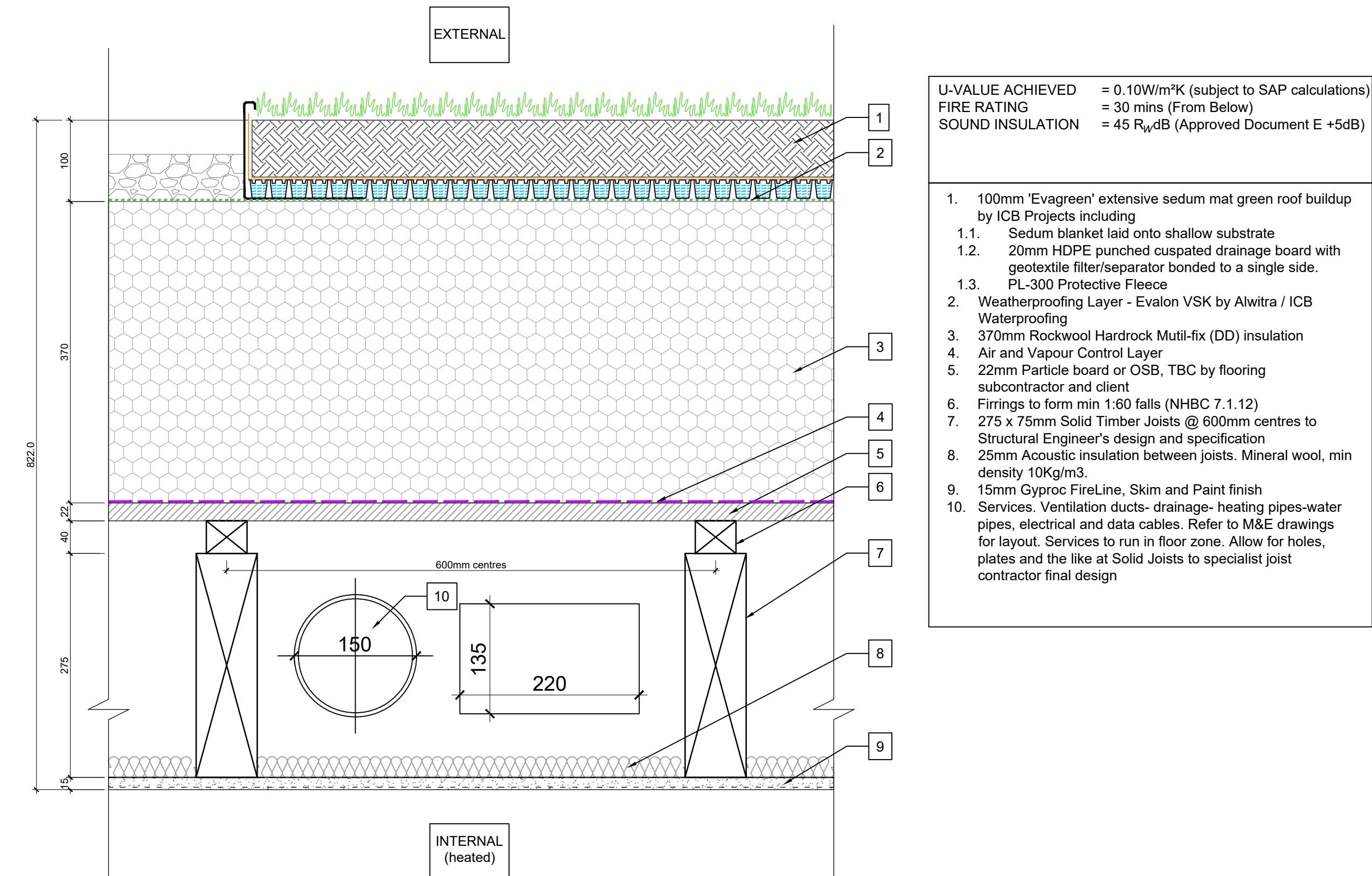
4260
01 Flat Roof - TYPE RT-01
Element Details - Houses



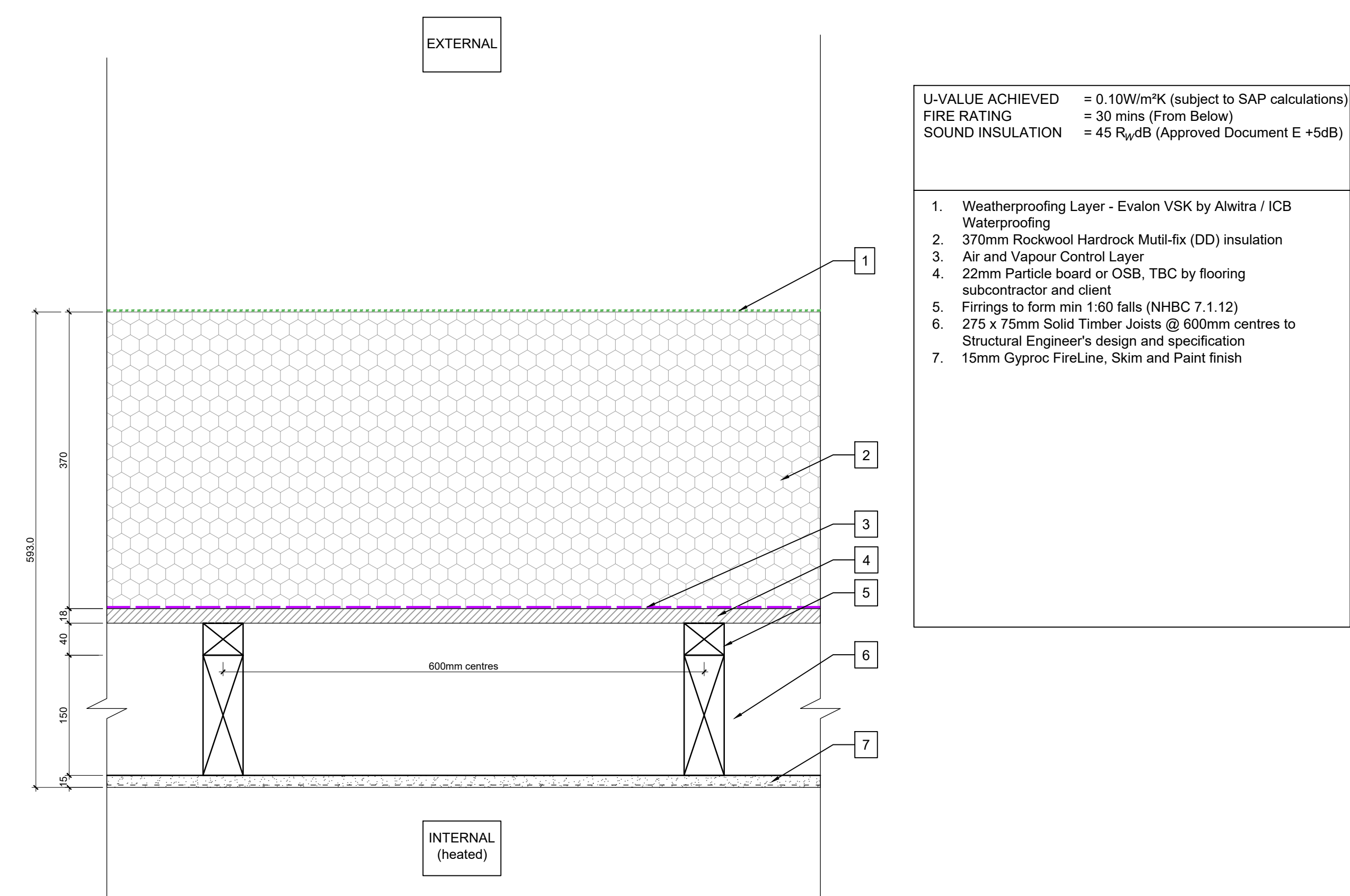
4260
02 Pitched Roof - TYPE RT-02
Element Details - Houses



4260
04 Flat Roof - TYPE RT-04
Element Details - Respite Facility



4261
01 Flat Roof - TYPE RT-05
Element Details - Respite Building Only



Do not scale from drawings unless by agreement with HTA. Use figured dimensions only. Check all dimensions on site prior to commencing the works. Drawing to be read in conjunction with other relevant consultant information.

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This Tender drawing, together with HTA's other Tender drawings and Outline Specification, describes HTA Design LLP's concept design intent to be achieved by the Design and Build Contractor and any construction proposals shown hereon are indicative only. The detailed design resolution and specification of the construction shall be carried out by the Design and Build Contractor and/or their appointed design consultants and/or specialist subcontractors to achieve the design intent and shall comply with the Employer's Requirements, the CDM Regulations 2015 and any other relevant health and safety legislation, and the requirements of the Building Regulations.

This drawing is to be read in conjunction with all other drawings, schedules and specifications produced by HTA Design LLP and also the HTA CDM 2015 Designers Risk Register.

Membrane Legend:
Envelope

Visqueen HP DPM	Separating Layer between Screed & Insulation
Cavity Tray DPC Visqueen Zedex CPT High Performance	Liquid Applied Airtightness Membrane
Cavity Tray DPC Visqueen Zedex High Bond	Liquid Applied Tanking Membrane
F30/330A-Visqueen Zedex CPT High Performance DPC	Continuous Airtightness line to building envelope to be achieved.
J40/190-Visqueen Self Adhesive Bitumen Membrane/Tanking (SAM)	Air tightness tape
J30/110-Visqueen Axiom UniSeal	J40/370A-Visqueen Detailing Strip

Roof & Balconies

Roof Vapour Control Layer	Waterproofing Membrane
Drainage Layer	Breather sarking membrane
Lead Soakers and Flashing	Single ply membrane
Intumescent Strip	

Wall Components
Note - All blockwork to be set out by Contractor on site

Facing Brick	Detail Brick	Cast Reconstituted Stone to Specialist Subcontractor Design & specification
Cut Brick	Semi-engineering Brick	Bucket Handle Mortar Joint
Blockwork	Thermalite Blockwork	Flush Mortar Joint
		Steel
		Concealed Brick Lintel
		Coarsing Block

Insulation

Proprietary Rigid Insulation	Proprietary Mineral Wool Full Fill Cavity Insulation	Proprietary Mineral Wool Fire Rated Cavity Barrier
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Health & Safety

Health and Safety Notice - To be acknowledged and aware of during construction

NB: All dimensioned lengths are structure to structure, unless indicated otherwise

LEGEND :

XXXX Dimensions
1A-A GRID REFERENCE - 1A = Block; A = Grid reference

WALL TYPE REFERENCE-
Refer to HTA component drawings:
RBC-ALR-HTA-A-XX-XX-DR-4200-4220 series Wall Types
EW = External walls; CW = Compartment walls

Component reference / Room type tags:
K - Kitchen; ST - Stairs; BAL - Balcony; B - Bathrooms; WC - WC.

SECTION & ELEVATION REFERENCE

DR-no : Drawing Number
XXXX Series 2100s for General Arrangement Elevations
Series 3100s for Height Rod Drawings
Series 8000s for Details

Typical Fabric Energy Efficiency - Performance Specification
(to be confirmed - as per Planning stage energy statement)

Exposed Floors:	0.10 W/m²K
External Wall:	0.13 W/m²K
Party Wall:	0.00 W/m²K (all exposed edges sealed and cavity fully filled to prevent heat loss through cavity)
Sheltered Walls:	0.18 W/m²K (U-Value of walls next to unheated areas)
Roof:	0.11 W/m²K
Window:	0.80 W/m²K
Entrance Doors:	1.00 W/m²K
Thermal Bridging:	Calculated values
Air Permeability:	1.00 m³/hr.m² @ 50Pa

B 28.07.23 KDU Stage 3B Issue
A 17.07.23 ALA Drawing split into site specific drawings.
Rev Date Drawn Initial Issue Description

FOR TENDER (DRAFT)

client / project
Reading Borough Council
Amethyst Lane (Stage 3B)

drawing title
Roof Types (1 of 2)
Element Details

drawing number
HTA-A_DR 4260

revision
B

originated by
JCD

project code

1:5
HTA Design LLP
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