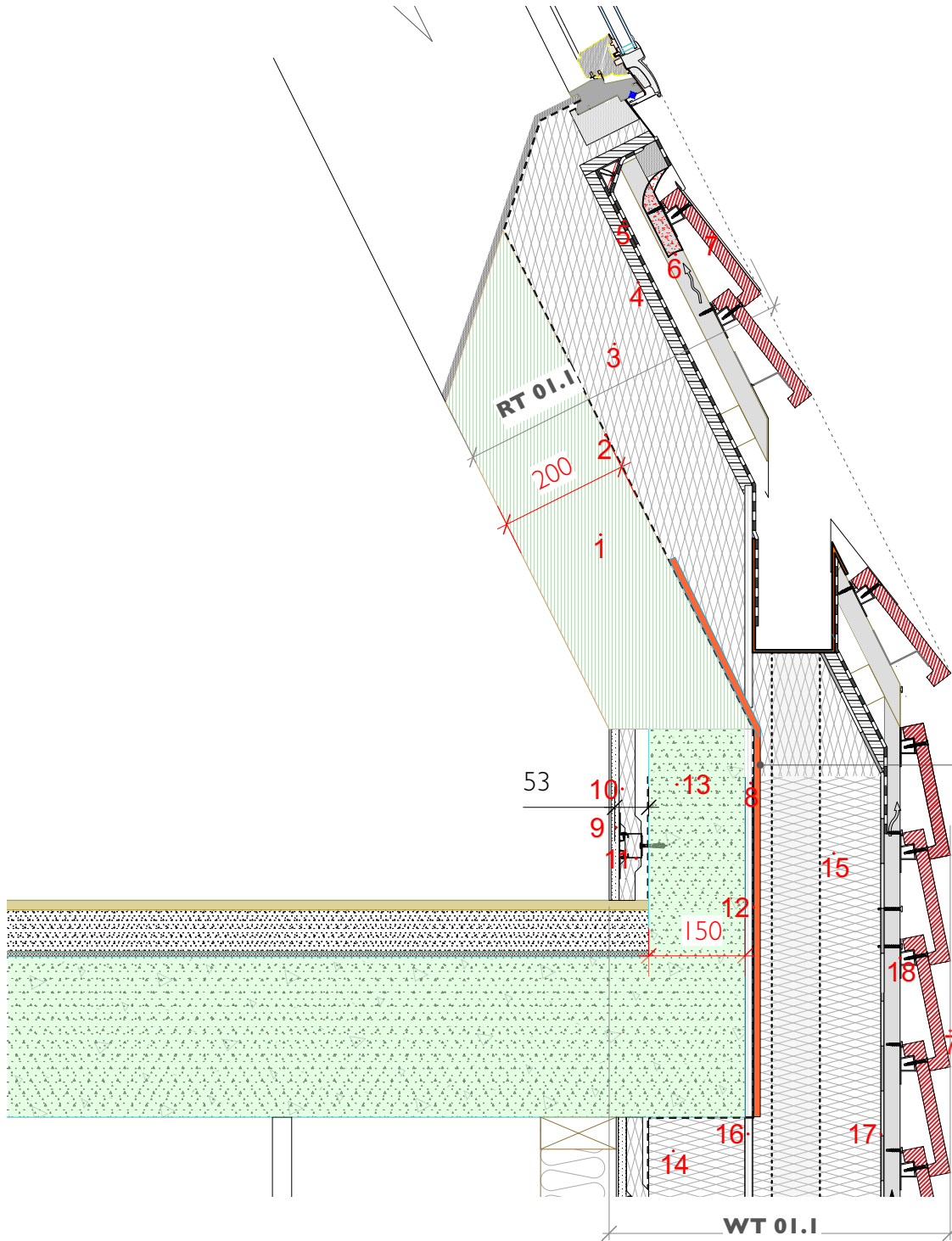




BUILD UP RT 1.1:

1. Structure: Exposed 200 mm CLT slab. CLT as per SE specifications. Suggested Supplier KLH. Surface refinement: All purpose stain RC-990 (50%)-surface appearance white glazing 50%. Exposed soffits to be treated so that they meet european classifications as per CLT diagrams of exposed elements. Final sample to be approved by client's representative. Refer to ceiling finishes specification and RC plans.
2. Vapour control layer: Bituminous vapour barrier
3. Thermal insulation: 150mm premium performance rigid thermoset phenolic insulation. Proposed product: Kingspan ThermaroomTR26 or equal and approved, over CLT slabs
4. Roof lining: 18 mm OSB 3 TG4E Tongue and groove board mechanically fixed to CLT slab
5. Waterproofing: Fully waterproofing breathable membrane with waterproofing warranty.
6. Fixing frame: Aluminium rail system that is compatible with the ROOFTRAK® IFP to provide an easy to install rail system ready to receive clay tiles. The combination of the two products provides a completely waterproof envelope whilst facilitating architectural clay tiles. Consult with Clay tiles manufacturer and <https://www.nicholsonst.com/products/rooftrak/>. Care needs to be taken to minimise thermal bridging and to make sure the insulation is not adversely compressed.
7. External wall Finish: Clay tiles. Proposed product Sant'Anselmo SKIN TERRA PG 500*210*35mm dragwire on supporting horizontal aluminium battens. (Refer to EFL in dwg. 1918-S3-E-MP)

8. In ALL junctions of perimeter concrete frame with wall/roof build up: High performance thermal insulation. Suggested product 10 mm Foiled Spaceloft Aerogel thermal insulation with self adhesive tape or equal and approved.

BUILD UP WT 01.1

- 9 Internal wall finish: 1 no primer coat + 2 no emulsion coats as per Wall Finishes specification.
- 10 Internal lining: 12.5 mm acoustic plasterboard with 3 mm skim plaster finish ready for painting. Proposed product: British Gypsum Gyproc Soundbloc or equal and approved
- 11 Wall liner forming a 35mm cavity filled with 25mm insulation wool Isover Acoustic Partition Roll (APR 1200), λ 0.038 W/mK. Proposed product: Gyplyner Universal or equal and approved
- 12 Vapour Control Layer: Reinforced Polyethylene Vapour barrier with water vapour resistance at least 500MNs/g to EN 1931. 1000 Gauge 0.25mm Polythene Vapour Control Layer: Installed as per manufacturer's instructions.
- 13 Structure: 150 mm concrete frame upstand as per SE drawings.
- 14 Thermal Insulation: 150 mm ROCKWOOL NyRock Frame Slab 032 in between metal studs. Butted, no gaps.
- 15 Thermal Insulation: 200 mm ROCKWOOL NyRock Rainscreen 032 (100 mm + 100 mm) Joints butted, no gaps.
- 16 Cement-bonded particleboard (12 mm) $\lambda \leq 0.55$
- 17 Waterproof breathable membrane: Laminated, 3-layer polyolefin construction. Suggested product: Kingspan nilvent or equal and approved.
- 18 Clay Tiles secondary supporting frame: 25 mm Vertical aluminium stringers on galvanized tubular steel

5 DT B7_JUNCTION BETWEEN WT01.1 AND RT 1.1
Scale: 1:10

This drawing shall be read in conjunction with all other drawings forming part of the contract including architectural, structural and other services installation drawings, with the relevant specifications and technical schedules forming part of the contract. **DO NOT SCALE** this drawing and verify all dimensions on site and report any discrepancies to the project architect. This drawing is issued confidentially and must not be disclosed to any third parties without the prior written consent of Kalli- architecture and design ltd.

Scale Bar

No.		Date		Revision Notes	
Project Title					
DENVILLE HALL					
Project Client					
DENVILLE HALL DV LTD					
Design Firm					
Kalli- architecture & design ltd					
www.kalli-a-d.co.uk			info@kalli-a-d.co.uk		
Project Architect		Project ID			
MK		1918			
Drawn By		Scale			
		1:10			
Reviewed By		Sheet No.			
P_DT (-23) 402_REVA					
		Proj.No	Stage	Dwg	Level Rev
Date		Sheet Title			
		Typ. hidden gutter detail option 1			