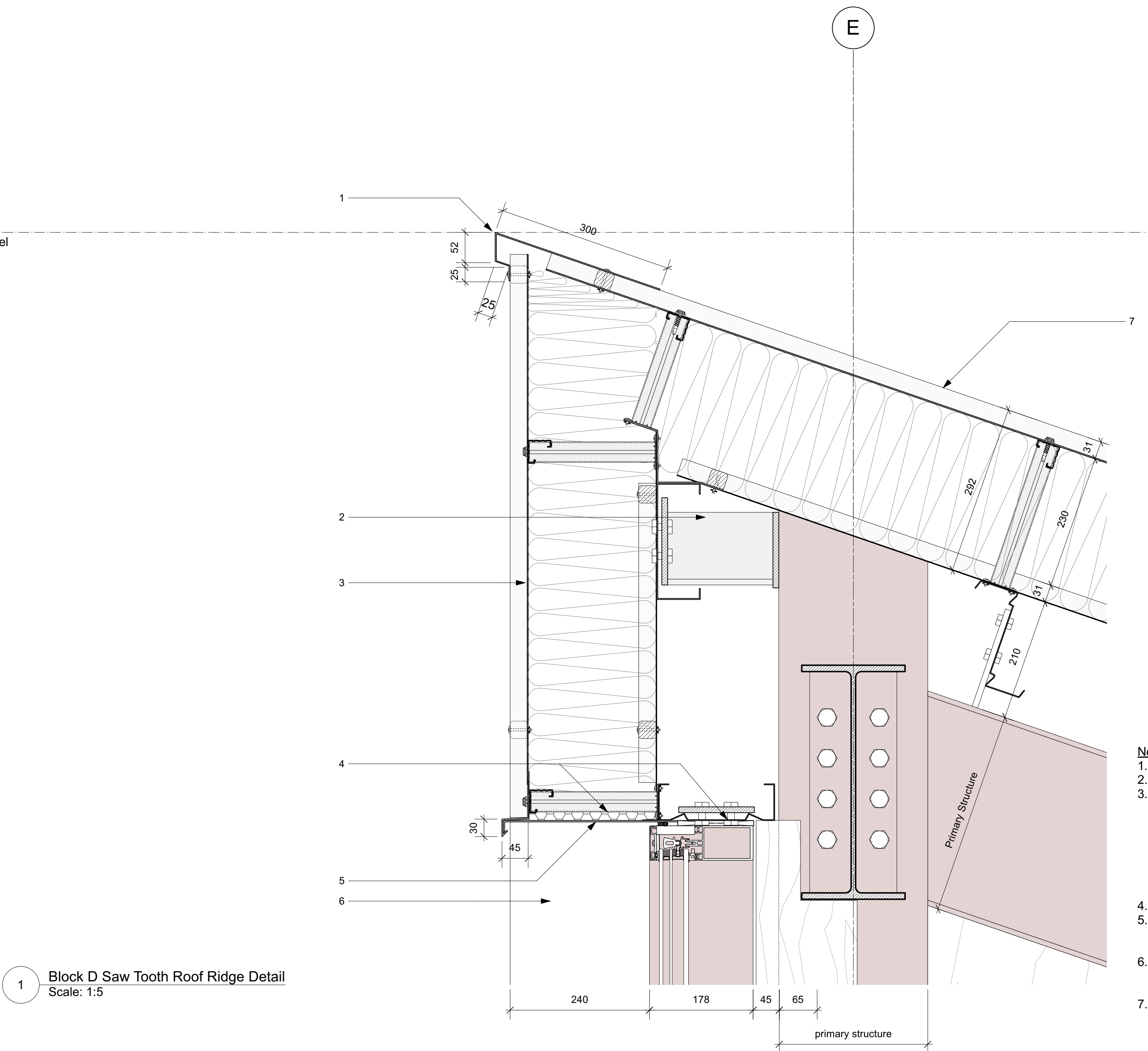
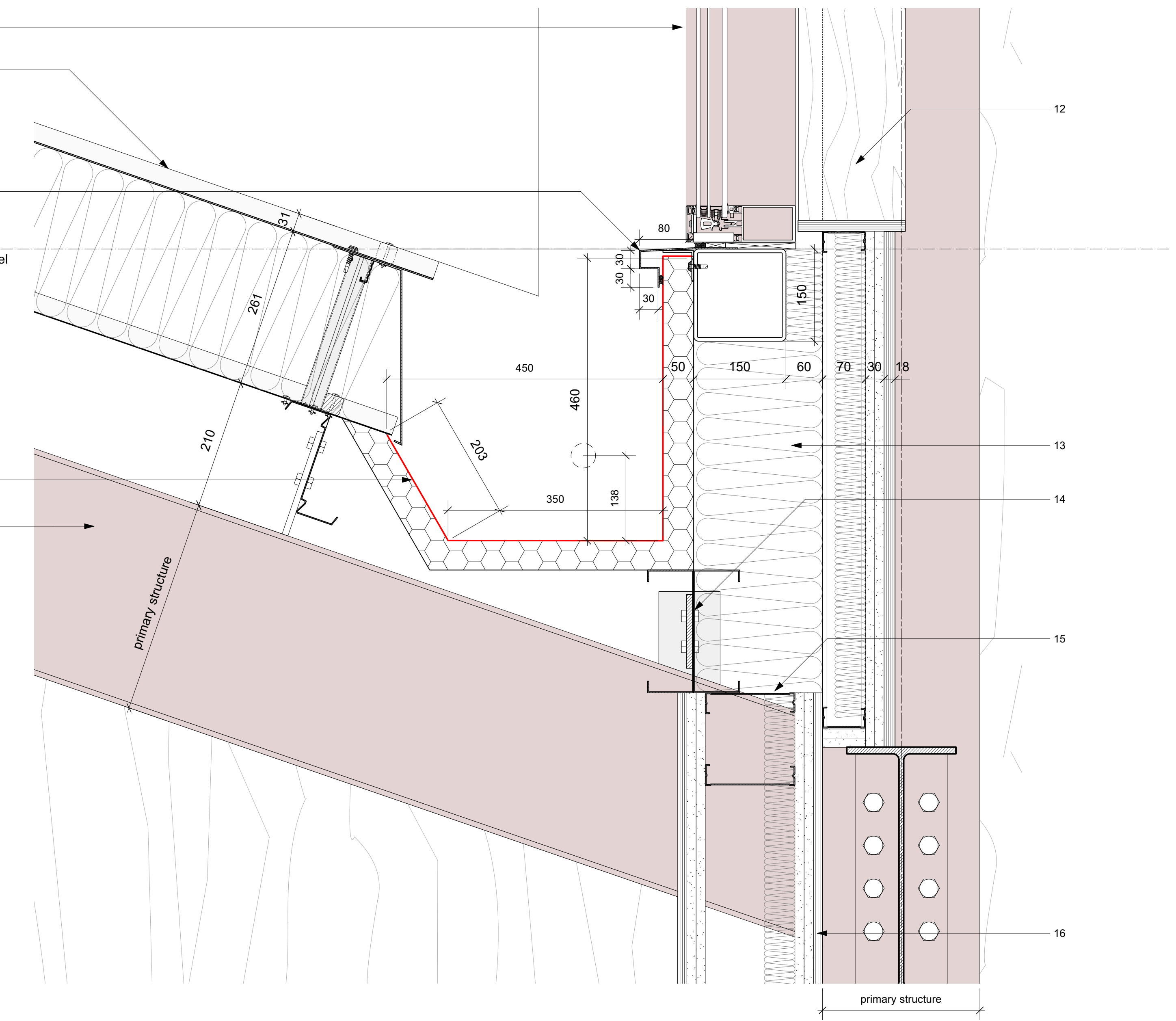


32722
Saw Tooth Ridge Level



1 Block D Saw Tooth Roof Ridge Detail
Scale: 1:5

29950
Saw Tooth Valley Level



2 Block D Saw Tooth Roof Valley Detail
Scale: 1:5

Notes

No dimensions are to be scaled from this drawing.

The contractor/manufacturer is responsible for checking all dimensions and querying any discrepancies.

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General Notes

1. Refer to Finishes Schedule X-SC-001 for product and finishes specification
2. Main contractor and sub-contractor(s) to check on site all dimensions prior to commencement of work.
3. Levels are measured in metres above ordnance datum.
4. Refer to structural engineer's drawings for all structural sizing, detailing and specification.
5. Refer also to M&E drawings and specifications for all building services requirements.
6. Refer also to Acoustic Consultant's Stage 4 report for all building acoustic requirements.
7. Refer also to the Fire Strategy drawings for additional requirements for partitions, linings, fire rated doorsets and detection. Note: all structural elements to achieve a fire rating of TBC mins by use of proprietary coatings and/or encapsulation within fire rated linings.
8. Ensure that joints between any materials or elements that will affect the passage of sound or thermal conductivity are sufficiently sealed in accordance with the relevant approved documents.

Performance Targets

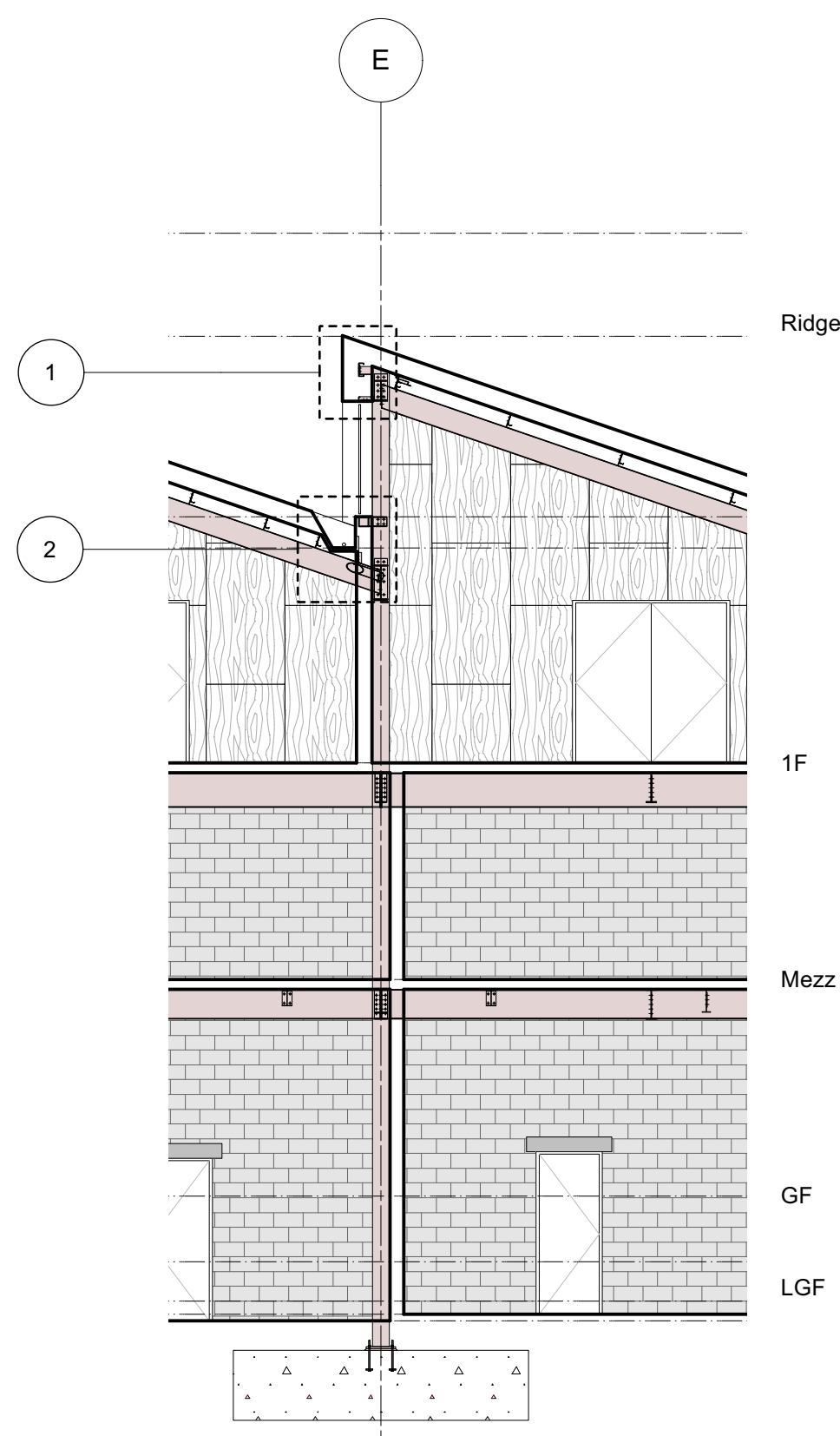
External Envelope U-Values

External Walls	U-Value = 0.21 W/m²K
Roof	U-Value = 0.18 W/m²K
Windows/Glazed Doors	U-Value = 1.60 W/m²K
Ground Floor	U-Value = 0.18 W/m²K
Vehicle/Large Doors	U-Value = 1.24 W/m²K
Pedestrian/High Doors	U-Value = 1.80 W/m²K
Personnel Doors	U-Value = 1.80 W/m²K
Internal Wall	U-Value = 1.10 W/m²K
Internal Floor/Ceiling	U-Value = 1.00 W/m²K
Envelope Air Tightness	<= 5.0 AC/Hr @50Pa

Notes

1. Ridge flashing- 2mm thick mill finish aluminium flashing
2. Eaves beam to SE specification
3. EWT03 - 21mm 13 1/2 3 profile corrugated steel in Colorcoat Prisma Metallic Sirius (RAL 9006) finish; 190mm Euroclad Quattro Spacer Bar System (centers TBC) w/ Knauf Factoryclad 40 ECOSE Insulation; 31mm Trapezoidal 32/1000 profile corrugated steel; Horizontal Kingspan Steel Purlin (depth varies from 145, 175, and 205mm) on MD205 Multicleat; 48mm Gypframe 48 S 50 'C' Studs; 18mm OSB 3 board; all fixings in accordance with manufacturer's recommendations'
4. Profiled ventilated filler blocks between roof sheet and flashing
5. Window head flashing: 0.9mm thick mill finish aluminium with sealed buttstraps; Refer to design drawings for key profile dimensions
6. Window jamb flashing: 0.9mm thick mill finish aluminium with sealed buttstraps; Refer to design drawings for key profile dimensions
7. Roof Cladding - System consisting: Trapezoidal 32/1000 profile corrugated steel in Colorcoat Prisma Metallic Sirius (RAL 9006) finish; 260mm Euroclad Quattro Spacer Bar System (centers TBC) w/ Knauf Factoryclad 40 ECOSE Insulation; 31mm Trapezoidal 32/1000 profile corrugated steel; Horizontal Kingspan Steel Purlin (depth varies from 145, 175, and 205mm) on MD205 Multicleat; all fixings in accordance with manufacturer's recommendations'
8. RLT02 - fixed light window, manufacturer TBC
9. Window cill flashing: 0.9mm thick mill finish aluminium with sealed buttstraps; Refer to design drawings for key profile dimensions
10. Pre-formed sawtooth valley gutter pressing and insulation, exact size to be determined by roofing contractor
11. Internal steel structure, to SE specification. Finish / Colour: Intumescent coated / White as required (Ground/First floor columns/bracing, and Floor structure), all steelwork hand painted in RAL colour (TBC by architect)
12. 18mm OSB 3 board internal wall and window / rooflight reveal lining, with matt clear-coat class-0 finish as required by BC/fire strategy, face screw fixed to 48 S 50 British Gypsum Gypframe 'C'-Studs at 400mm centres
13. Fire stopping detail to be confirmed with cladding sub-contractor and fire consultant
14. Purlin to support gutter
15. Partition deflection head joint fixed to purlin
16. IWT02 - 18mm OSB 3 board; 2x(15mm Gyproc SoundBloc) both sides of; 146mm Gypframe 146 S 50 'C' stud w/ 50mm mineral wool insulation

E



Key Section

T.W

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Rev	Date	Description
T2	15.02.22	Revised Tender Set
T3	24.10.22	End of Stage 4 Tender Issue
T4	15.12.22	Revised Tender Issue
C1	28.06.23	Construction Issue
C2	13.10.23	Construction Issue Update

Orientation & Scale

0 50 100 150 200 250 300 350 400mm

Project	21FLO Florentia Clothing Village	Drawn by CS Date 21.01.22
Drawing Title	Block D Typical Saw Tooth Roof Details	Scale 1:5 @ A1 1:10 @ A3
Drawing No.	D-21-510	Rev. C2 Status Construction