

Notes

No dimensions are to be scaled from this drawing.

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

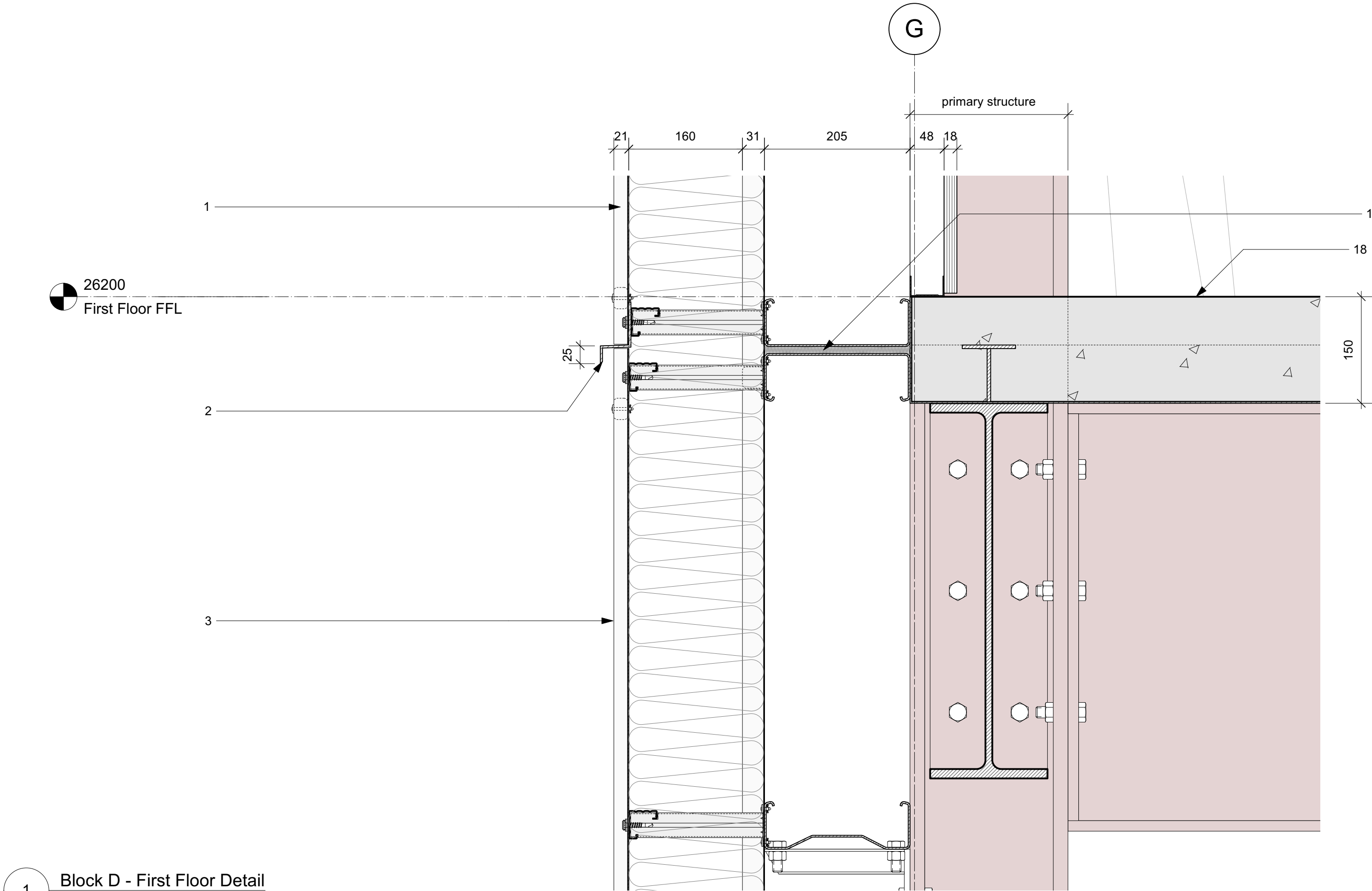
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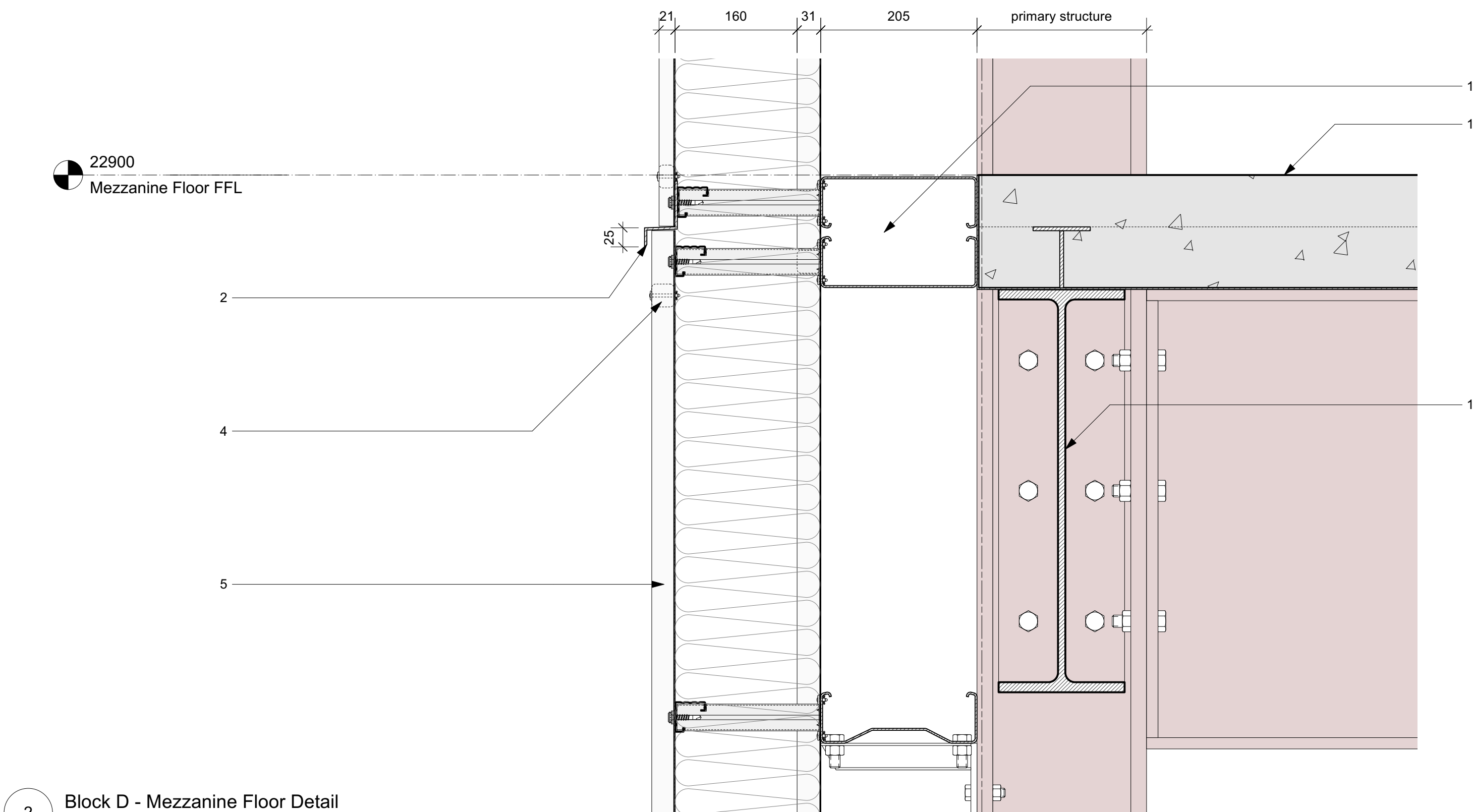
General Notes	
1. Refer to Finishes Schedule X-SC-001 for product and finishes specification	
2. Main contractor and sub-contractor(s) to check on site all dimensions prior to commencement of work.	
3. Levels are measured in metres above ordnance datum.	
4. Refer to structural engineer's drawings for 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

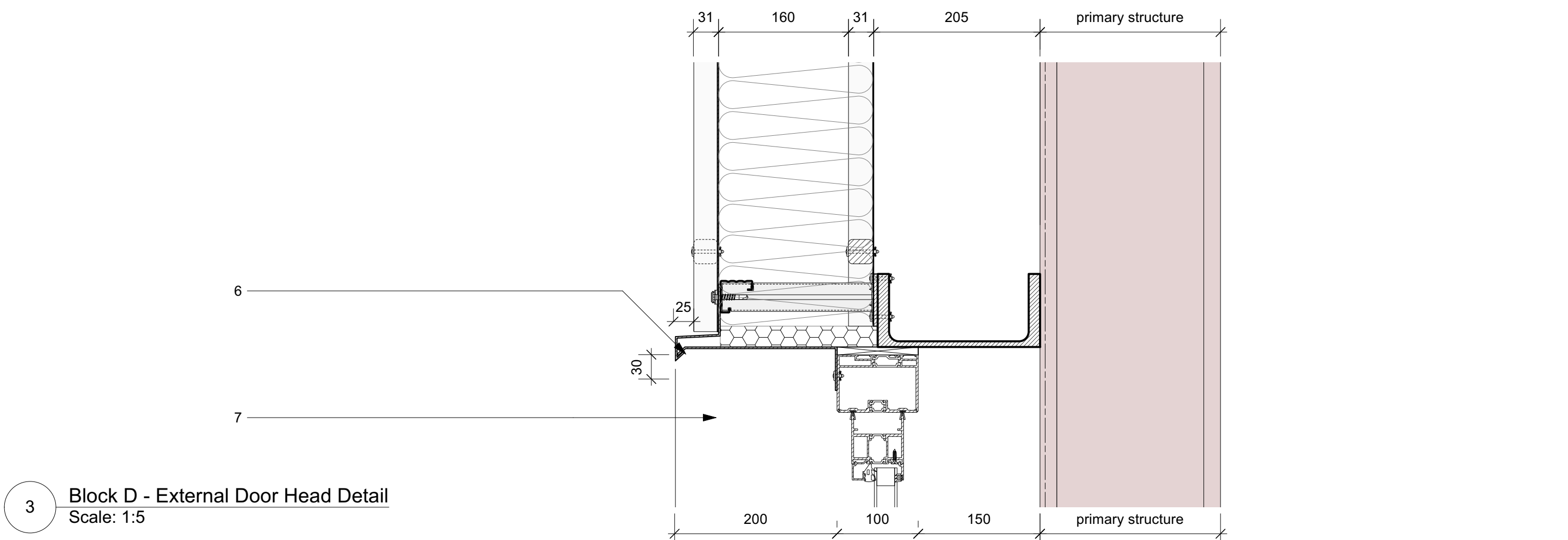
- EWTO3 - 21mm 13 1/2 3 profile corrugated steel in Colorcoat Prisma Metallic Sirius (RAL 9006) finish; 190mm Euroclad Quattro Spacer Bar System (centers TBC) w/ Knauf Factoryclad 40 ECOSE Insulation; 31mm Trapezoidal 32/1000 profile corrugated steel; Horizontal Kingspan Steel Purlin (depth varies from 145, 175, and 205mm) on MD205 Multicleat; 48mm Gyproframe 48 S 50 'C' Studs; 18mm OSB 3 board; all fixings in accordance with manufacturer's recommendations'
- 0.9mm thick mill finish aluminium Z profile channel to form cladding flashing at each floor level
- EWTO1 - 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; all fixings in accordance with manufacturer's recommendations'
- Profiled ventilated filler blocks between roof sheet and flashing
- EWTO2 - 31mm Trapezoidal 32/1000 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; all fixings in accordance with manufacturer's recommendations'
- Door head flashing: 0.9mm thick mill finish aluminium with sealed buttstraps; Refer to design drawings for key profile dimensions
- Door Jamb flashing: 0.9mm thick mill finish aluminium with sealed buttstraps; Refer to design drawings for key profile dimensions
- EDTO6 - External Glazed Aluminium Comar 7Pi single door
- Door threshold cill flashing: 0.9mm thick mill finish aluminium; Refer to design drawings for key profile dimensions
- 30mm Heel-Proof GRP grating on proprietary metal channel to form threshold drain
- Tarmac surface course to falls
- Tarmac binder course
- Tarmac base course
- Drainage pipe from threshold gutter
- Sub-base
- DPM tanking
- Cavity Closer
- FT02 - 150mm Composite In-situ slab (refer to SE Drawings) w/ power floated finish
- 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)
- Rigid insulation to achieve U-value = 0.15 W/m²k
- FT01D- 150mm Power Floated Reinforced Concrete Slab (refer to SE drawings); Debonding/Separation membrane; 50mm Kingspan Greenguard GG300; Damp Proof Membrane; Hardcore (refer to SE drawings)



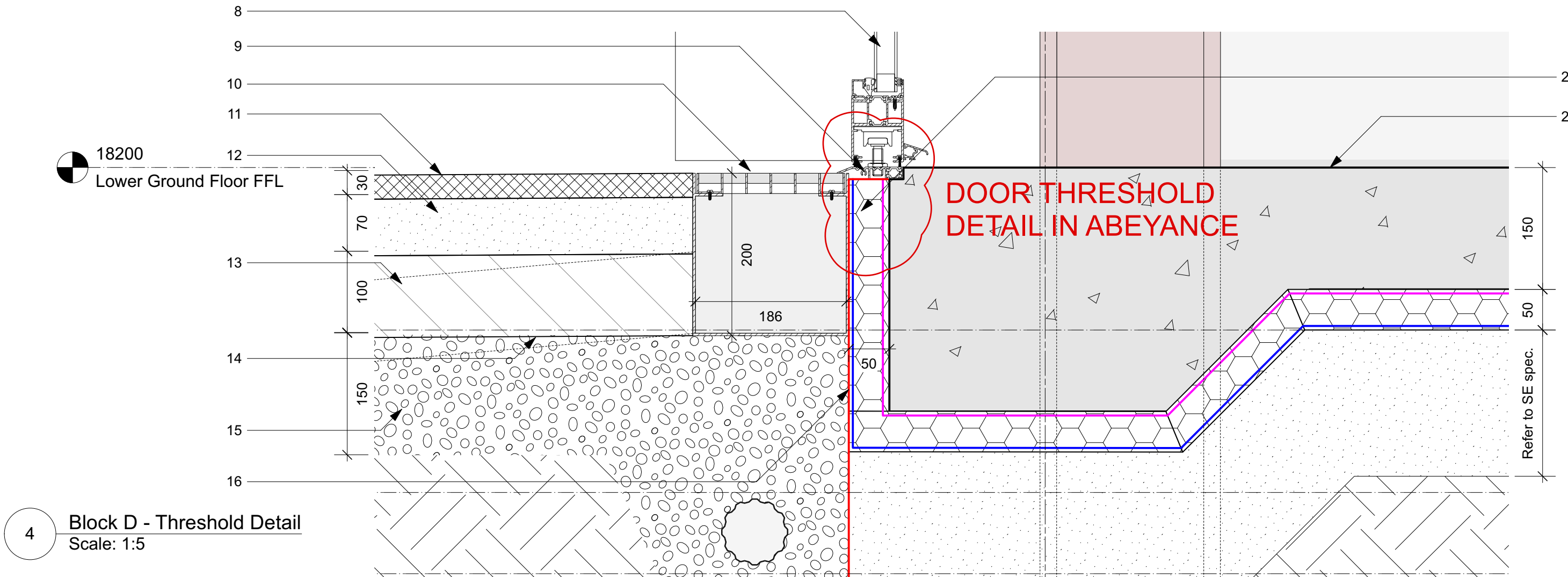
1 Block D - First Floor Detail
Scale: 1:5



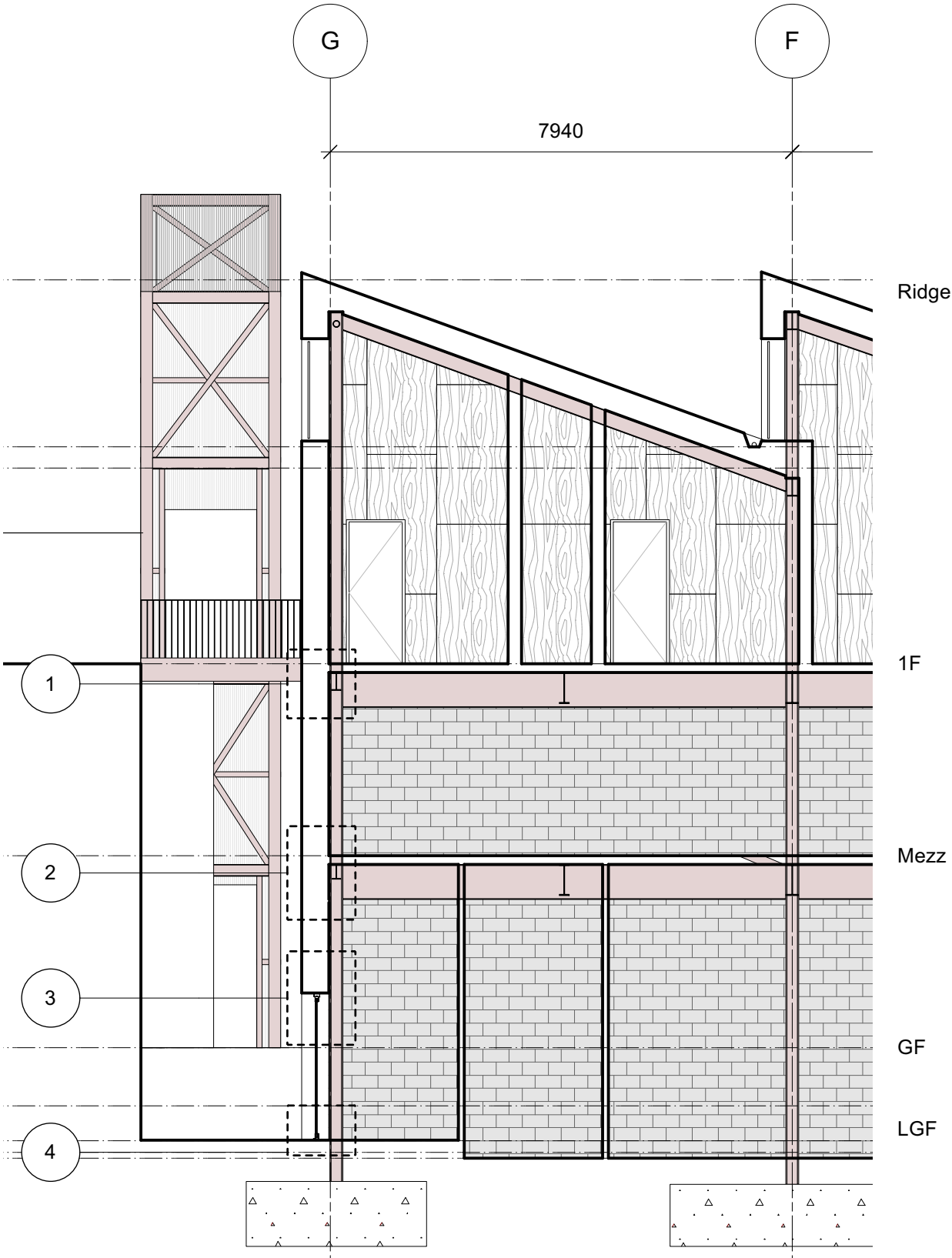
2 Block D - Mezzanine Floor Detail
Scale: 1:5



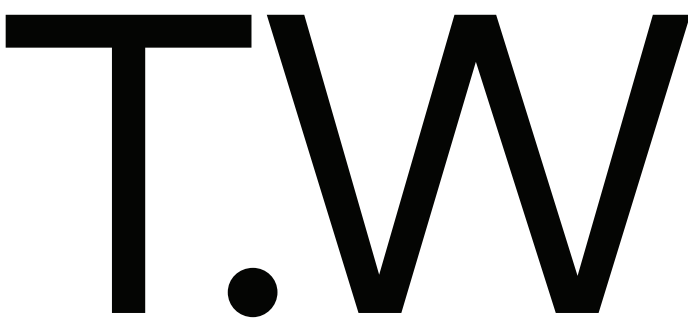
3 Block D - External Door Head Detail
Scale: 1:5



4 Block D - Threshold Detail
Scale: 1:5



Key Section

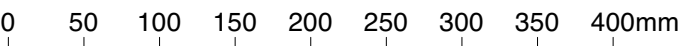


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Revision History		
Rev	Date	Description
T1	21.01.22	First Tender Issue
T2	15.02.22	Revised Tender Set
T3	24.10.22	End of Stage 4 Tender Issue
C1	28.06.23	Construction Issue

Orientation & Scale



Project	21FLO Florentia Clothing Village	Drawn by CS Date 21.01.22
Drawing Title	Typical External Envelope Details	Scale 1:5 @ A1 1:10 @ A3
Drawing No.	D-21-520	Rev. C1 Status Construction