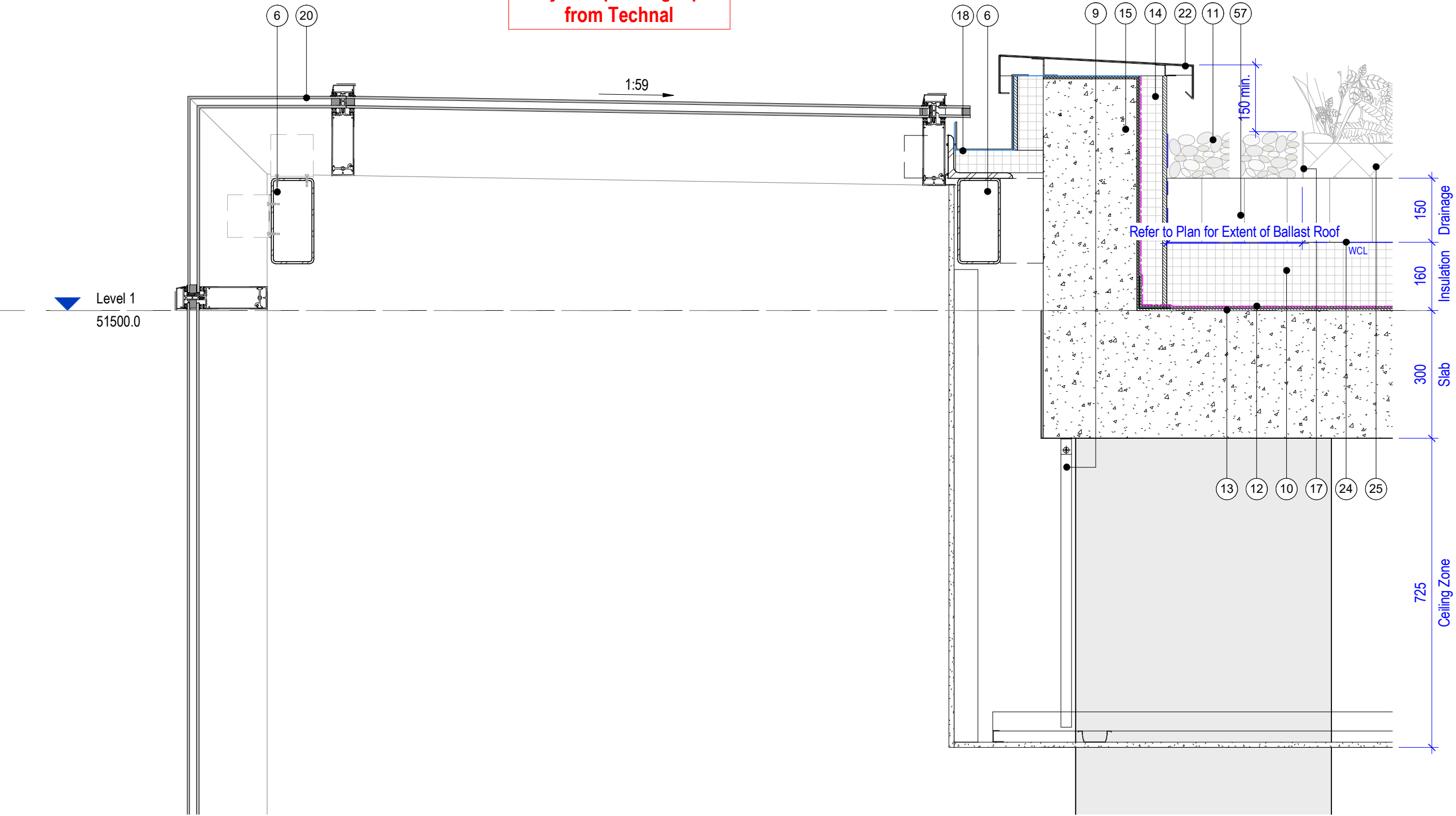


SPECIFICATIONS

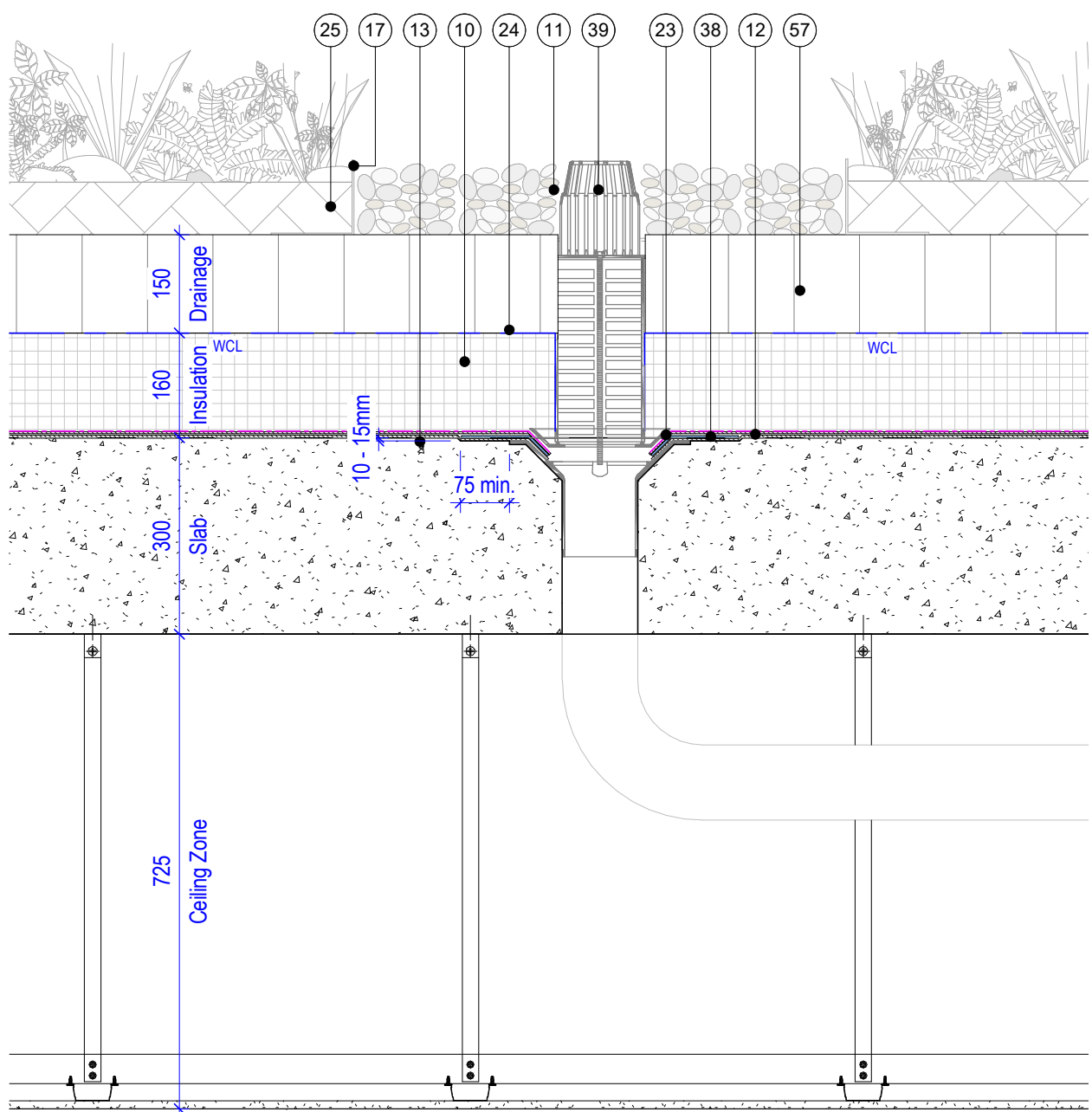
- In-situ concrete slab to S/E details.
- 12mm sheathing board to system manufacturer's written recommendations
- External mineral wool wall insulation -
Block 1 - 145mm typically (Level 3 and above), increasing to 190mm (Levels 1-2) and 260mm (Ground). Adhered and mechanical fixed over external sheathing board
Block 2 - 190mm typically (Level 3 and above), increasing to 260mm (Ground). Adhered and mechanical fixed over external sheathing board
- 140mm SFS studs with full fill Steel Frame Slab mineral wool slabs (or alternate wall specification)
- 2 x 15mm plasterboard and skim finish (board specification subject to acoustic and fire review).
- Secondary steelwork to support curtain walling head all to SE requirements
- PPC curtain walling. Fixing details to be developed and agreed with specialist sub-contractor
- Internal floor finish. Specification TBC.
- MF ceiling system with plasterboard and skim finish (board specification subject to acoustic and fire review).
- IKO Enerthem XPS/EPS Inverted roof insulation board or similar and approved to achieve a minimum of 0.20 W/m²K U Value.
- 20-40mm round washed ballast to resist wind uplift TBC. Specialist advise to be sought to determine minimum load requirement.
- 2 Coats of PermaTEC ECOWRAP incorporating PermaFLASH-R reinforcement or similar and approved.
- In-situ concrete roof slab to be primed with PermaTEC primer or similar and approved.
- Upstand detailing to be formed in IKO Permateg Ecowrap with cement particle board to both faces of insulation.
- In-situ concrete upstand to provide a fixing point for PPC sloped glazed roof and to separate gravel strip. Detail to be developed and agreed with specialist sub-contractor.
- Metal flashing fixed back to sheathing board to be 150mm minimum from top of roof finish.
- Separation profile to neatly separate gravel strips from the engineered growing substrate on green roof.
- Concealed gutter zone, formed in PPC pressed aluminium.
- Masonry blockwork to SE specifications.
- Glazed sloped roof. Fixing detail to be developed with specialist designer and glass type to be confirmed by the manufacturer.
- Void to be filled with mineral wool insulation.
- PPC Aluminium drip detail over EPDM to be developed and agreed with specialist subcontractor. RAL colour: TBC.
- IKO Permaguard-F Protection layer below insulation boards.
- IKO Water Control Layer (WCL) below drainage layer. Thickness of drainage TBC.
- IKO green roof growing medium.
- External brick slip adhered over rendered base coat.
- Galvanised steel pitch pocket former bonded in compound.
- IKO Permaflash-D150 detailing sheet bonded in Permateg Ecowrap.
- IKO Permateg Ecowrap poured into former.
- Fall restraint system to specialist design and details.
- Automatic Opening Ventilation (AOV) linked to fire alarm.
- IKO T-O Capsheet with IKO S-A underlay dressed to full height of upstand, returned and sealed in accordance with manufacturer's details.
- IKO Angle Fillet.
- IKO metal edge flashing, fixed to Concrete through PermaTec. Upstand to perimeter formed in SFS with cement board to both faces. Fixings to include plastic colour coded caps - dark grey.
- IKO trim/ strap hot air welded to roof membrane and membrane flashing - light grey.
- IKO membrane or similar approved adhered to insulation - light grey.
- IKO IKO Enerthem PIR Insulation Board.
- IKO Permaflash-D-500 detailing sheet bonded in Permateg Ecowrap.
- Domed IKO rainwater pipe outlet with internal clamping ring and vertical/threaded spigot. Grade: cast aluminium alloy.
- Non-combustible terrace roof finishes by others.
- Minimum 50mm thick paving slabs on proprietary supports.
- 1800mm high glass balustrade around terrace perimeter. Fixing detail to be agreed and developed with roofing/glazing sub-contractor.
- PPC aluminium flashing to balustrade base channel.
- PPC accessible external door threshold profile, over upstand waterproofing membrane.
- Concrete plinth to facilitate fixing of Rostek davit Arm and ManSafe base plate.
- Portable Rostek Davit Arm system at maximum 2m centres around roof perimeter and 500mm clearance from parapet, fixed to concrete plinth to SE details.
- PPC aluminium door/window frame with double glazed unit.
- 75mm screed, over 300mm void former to allow level access to roof terrace.
- PPC flat plate metal balustrade fixed back to concrete column pier via bracket/cast-in channel at either side. Fixing detail to be agreed and developed with the SE.
- PPC aluminium flashing supported via helping hand bracket fixed back to structure.
- Fire stop to all fire compartment lines in accordance with Fire Engineer's requirements.
- Acoustic void barrier located beneath fire barrier.
- PPC aluminium panel with slotted ventilation inlet / outlet.
- MF Bulkhead with plasterboard lining to form downstand for recessed blind track.
- Recessed blind track.
- External grade EPDM. Location of EPDM shown in solid blue line on details.
- 150mm drainage deck (to be confirmed with Polypipe/EPG).
- Upstand detailing to core/lift overrun to be formed in mineral wool insulation board with breathable membrane applied to the face of the core wall.
- Metal cover flashing mechanically fixed back to core wall.
- Helping hand bracket fixed back to core wall.
- Non-combustible PPC cladding panel. Specification TBC.

Fixing and gutter detail in
abeysance pending input
from Technal



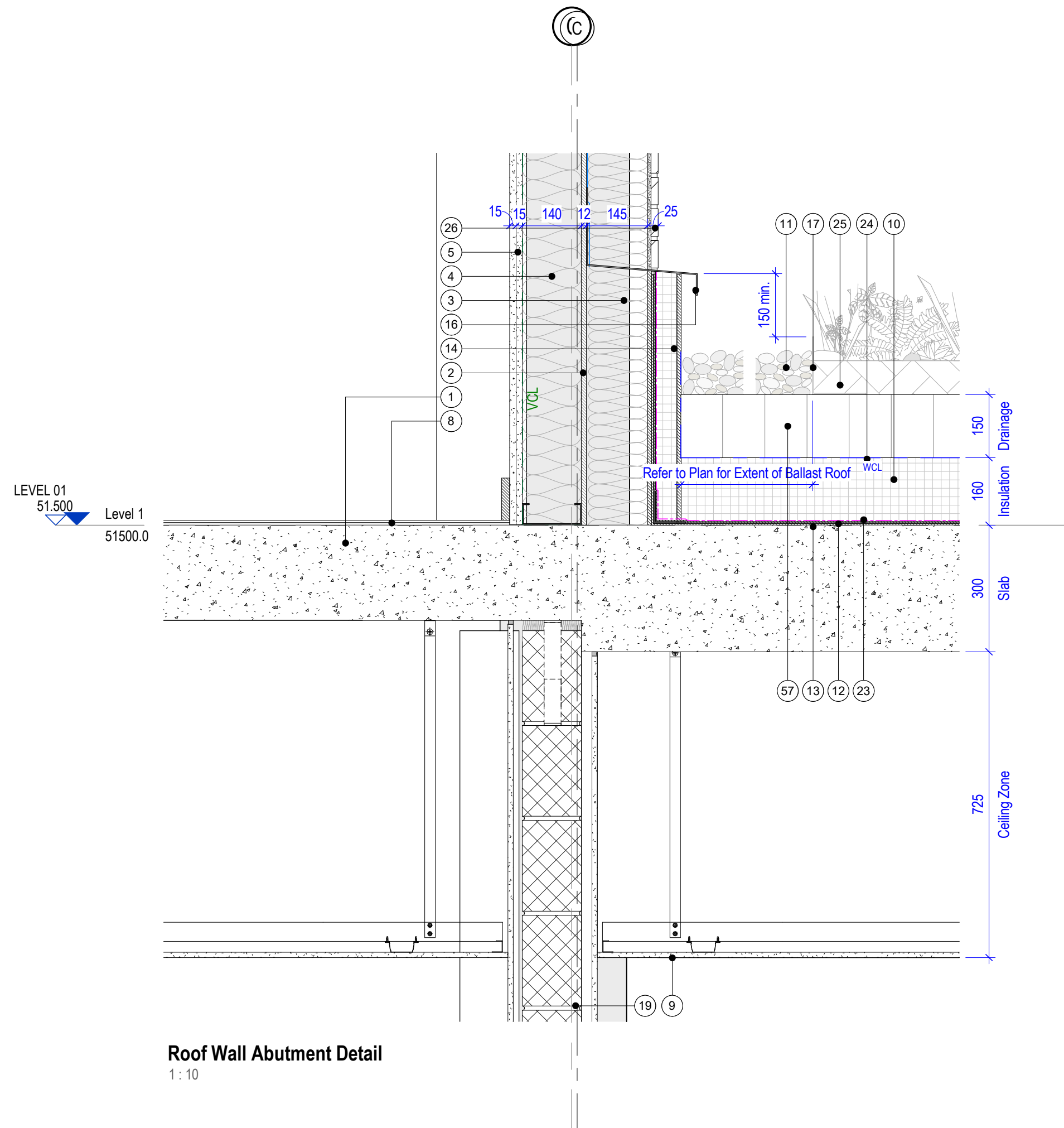
Glazed Sloped Roof/Concrete Upstand Detail

1 : 10



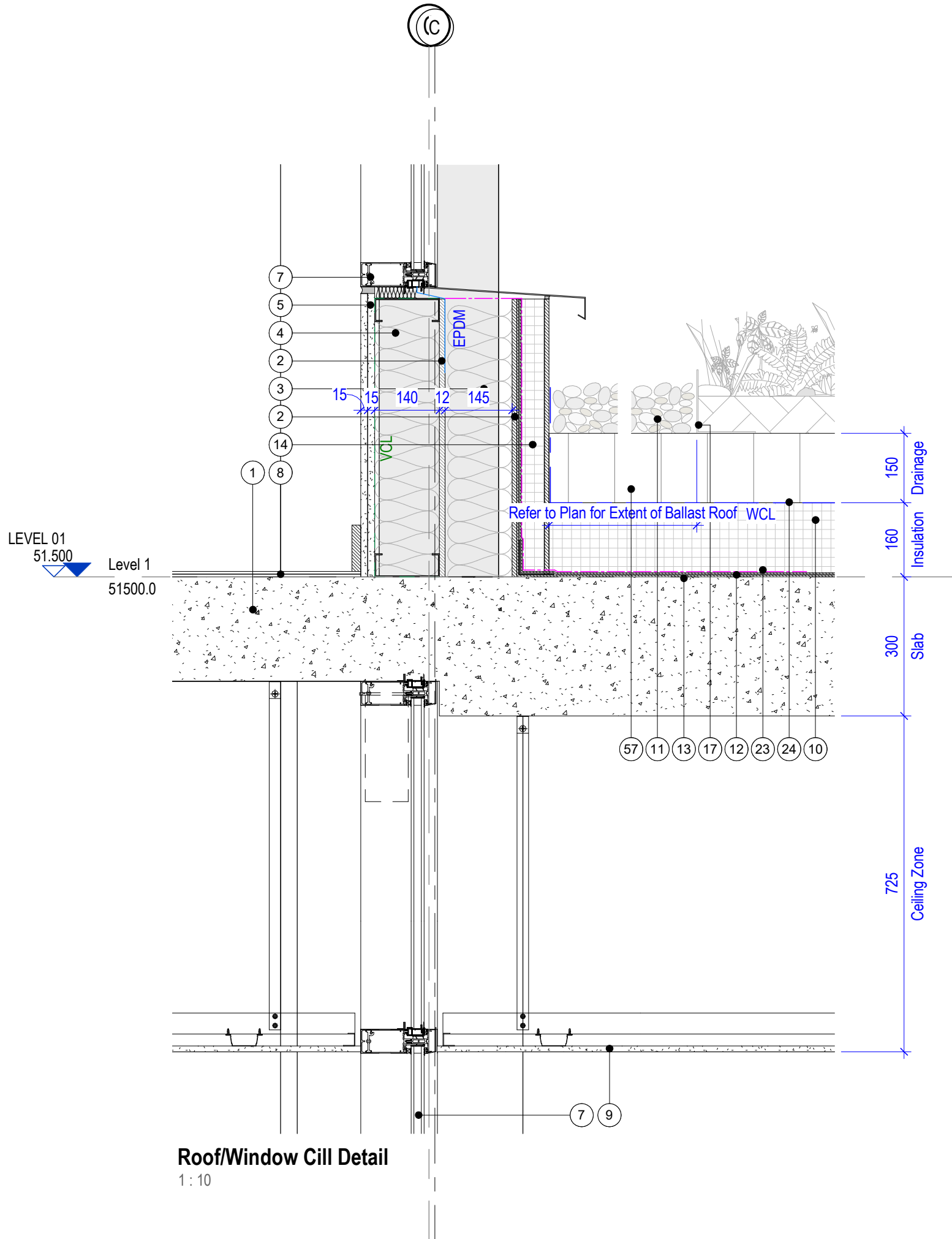
Block 3 Typical RWP Outlet Detail

1 : 10



Roof Wall Abutment Detail

1 : 10



Roof/Window Cill Detail

1 : 10

LEGEND

Water Control Layer (WCL)

Vapour Control Layer

IKO Permaguard-F Protection Layer

Indicative Route of Fall Restraint system

RWP

Denotes Rainwater Pipe Concealed Below Roof Finish. Position TBC.

Denotes Anchor for Fall Restraint System Shown Indicatively.

Denotes Base of Portable Davit Arm System Shown Indicatively with Permanent Concrete Base Upstand.

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CLIENT
RG GROUP / OLYMPIAN

PROJECT
The Fairfax Manchester

A	Issued for information	01.12.21	MS	MG
REV	DESCRIPTION	DATE	REV BY	CHKD
DRAWING	Block 3 Roof Details			
SCALE	As indicated @ A1			FIRST ISSUED 01/12/2021
PROJECT	DRAWN BY	CHECKED BY		
1284-21	MS	MG		
	ROLE	NUMBER	REVISION	
	A	27-302	A	

DRAWING STATUS

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