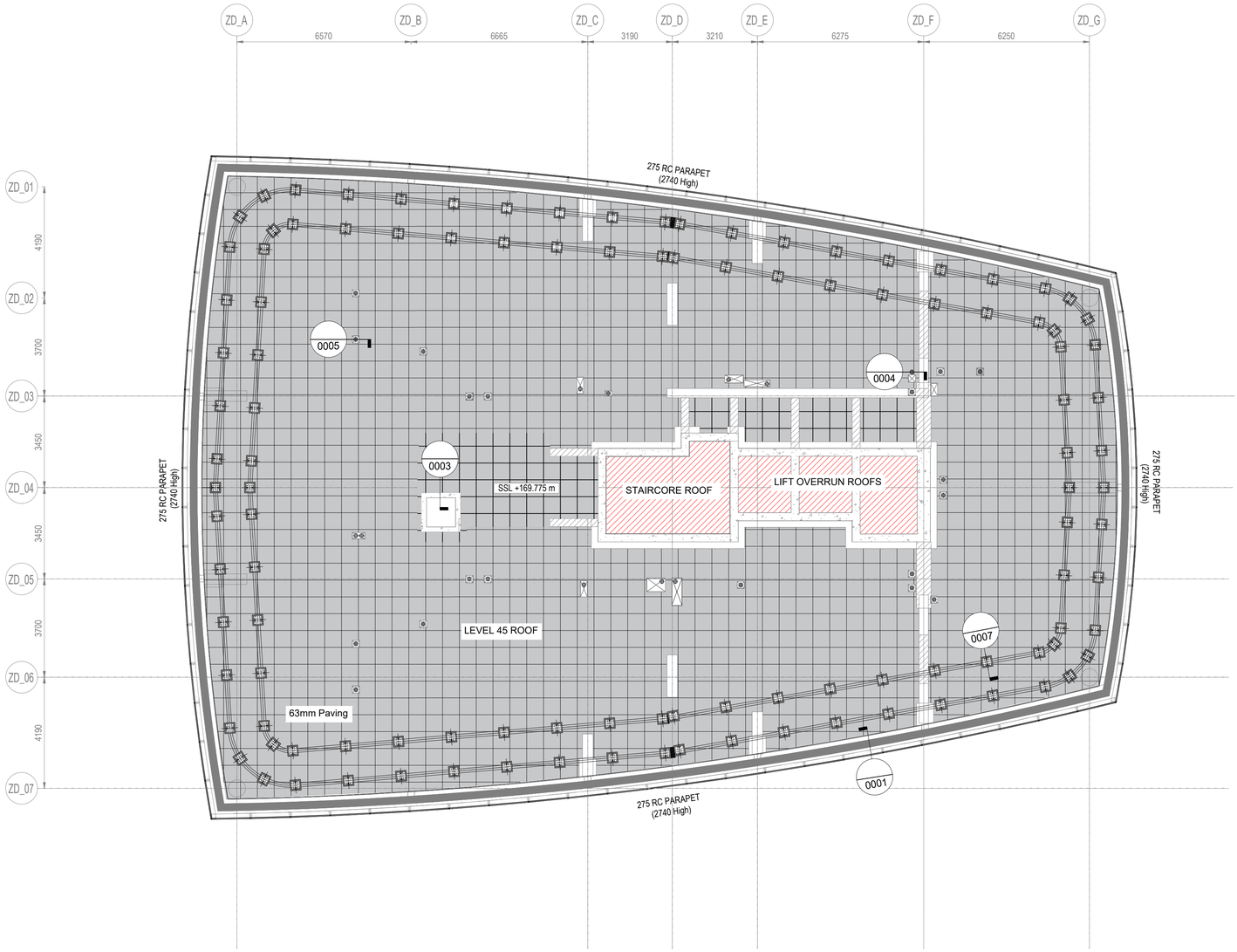
CONSTRUCTION




**PV Plinth Detail, setting out, PV number and layout to be issued by MEP Subcontractor to confirm number of Plinths.**
**ASHP Plinth Layout to be issued by MEP Subcontractor.**
**Condensor Plinth Number / Setting out to be issued by MEP Subcontractor.**

**Bauder Hot Melt Roof Specification:**
Level 45 Roof

- Concrete Deck by others (No Hollows, Deflections or Back-falls. Wood float finished and fully cured. Refer to Bauder Specification)
- Bauder Polymer Primer roller applied to concrete substrate and upstands at approx 4-6m2 per litre. Drying Time - approx. 30 mins.
- 1st layer of hot melt applied to a minimum depth of 3mm. (to be lapped onto previously installed detailing)
- Bauder Polyester Reinorcement Fleece rolled into 1st layer of hot melt while it is hot and tacky, ensuring partial bitumen bleed through. Overlaps to be a minimum of 100mm, ensuring layer of hot melt between layers.
- 2nd layer of hot melt applied to a minimum depth of 3mm (Total 6mm min between layers)
- Bauder AP2 Protection sheet laid onto hot melt with 100mm laps sealed with hot melt.
- 260mm (130mm + 130mm) Bauder JFRI Premium+ Insulation to achieve 0.12W/m2k u-value.
- JFRI WRFL Loose Laid on insulation with 300mm Laps.
- 600x600x63mm Precast concrete paving slabs laid on 15mm support pads with Min 80mm depth 20-40mm Washed rounded ballast margin to Roof penetrations.

**Bauder Felt Roof Specification:**
Lift Overrun

- Concrete Deck with screed to falls by others (No Hollows, Deflections or Back-falls. Wood float finished and fully cured. Refer to Bauder Specification)
- Bauder Quick Dry Primer applied to concrete deck using roller or brush. Avoid Pooling.
- Application Rate - 4-8m2/ Litre
- BauderTEC KSD FBS, 2.5mm Self-adhesive VCL bonded to concrete with min 100mm side and end laps torch sealed to provide bitumen bead extrusion.
- Bauder 180mm PIR FA-TE Insulation (120+60mm Multilayer) bonded with PU Adhesive.
- BauderTEC Sprint DUO Underlayer, 2mm Self Adhesive Underlayer (head laps 100mm/side laps 100mm) Ensuring bitumen bleed extrusion using lap roller.
- Bauder K4E, 4.2mm thick polyester reinforced torch on Capping Sheet. Head laps 100mm/ side laps 80mm Ensuring bitumen bleed extrusion, Charcoal Grey finish.

| No. | Description | Date |
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DRAWING REVISIONS

PRIMESEAL™

Project Name
First Street Roofing

Client
Downing Construction

Architect
Simpson Haugh Architects

Drawing Title
Building D
Level 45 Roof Plan

| | | |
|---|---|---|
| Project Number<br>P222 | Drawing Number<br>FSS-PRI-D-PL-003 | |
| First Issue Date<br>08.11.23 | Drawn<br>CM | Revision<br>C01 |
| Scale<br>d.n.s | Checked<br>- | |