

Building Envelope

RENDER OF SITE LOOKING SOUTH EAST

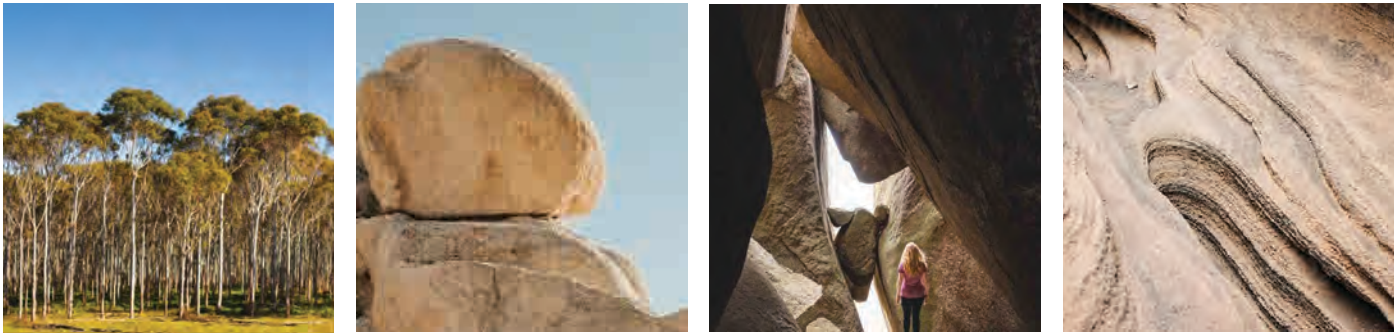


Key Principles

- 1. Designing with Country;
- 2. An orthogonal built form;
- 3. Expresses the form layering/ stacking of volumes;
- 4. Veils / screens to glazing elements;
- 5. Vertical fenestration to façades and veils/screen;
- 6. Enduring low maintenance materials;
- 7. High transparency glass and white/ monotone colouring;
- 8. Effective and minimised embodied energy;
- 9. Design within the cost allocation for façades.

Narrative and References

Inspiration of Country



Tonality + Texture



Shadow + Light



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6.1 Façade Principles

6.1.2 Fractal System

Fractal logic is embedded in the panel profiling, with angular folds and subtle extrusions producing dynamic light and shadow effects that shift throughout the day.

This kinetic surface enhances passive environmental performance by controlling solar gain while animating the building envelope.

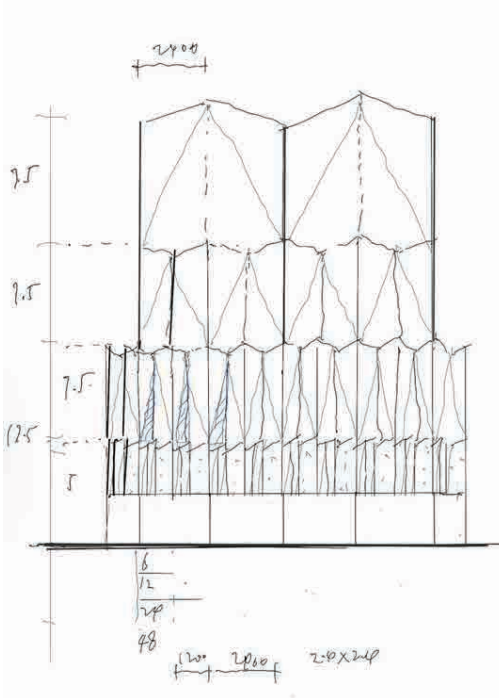


IMAGE: BY KEN DUNCAN. TREE OF LIFE, KIMBERLEY, WA

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6.2 Module Study

6.2.1 The Triangle

The façade introduces an innovative profiled aluminium panel system informed by nature's fractal geometries.

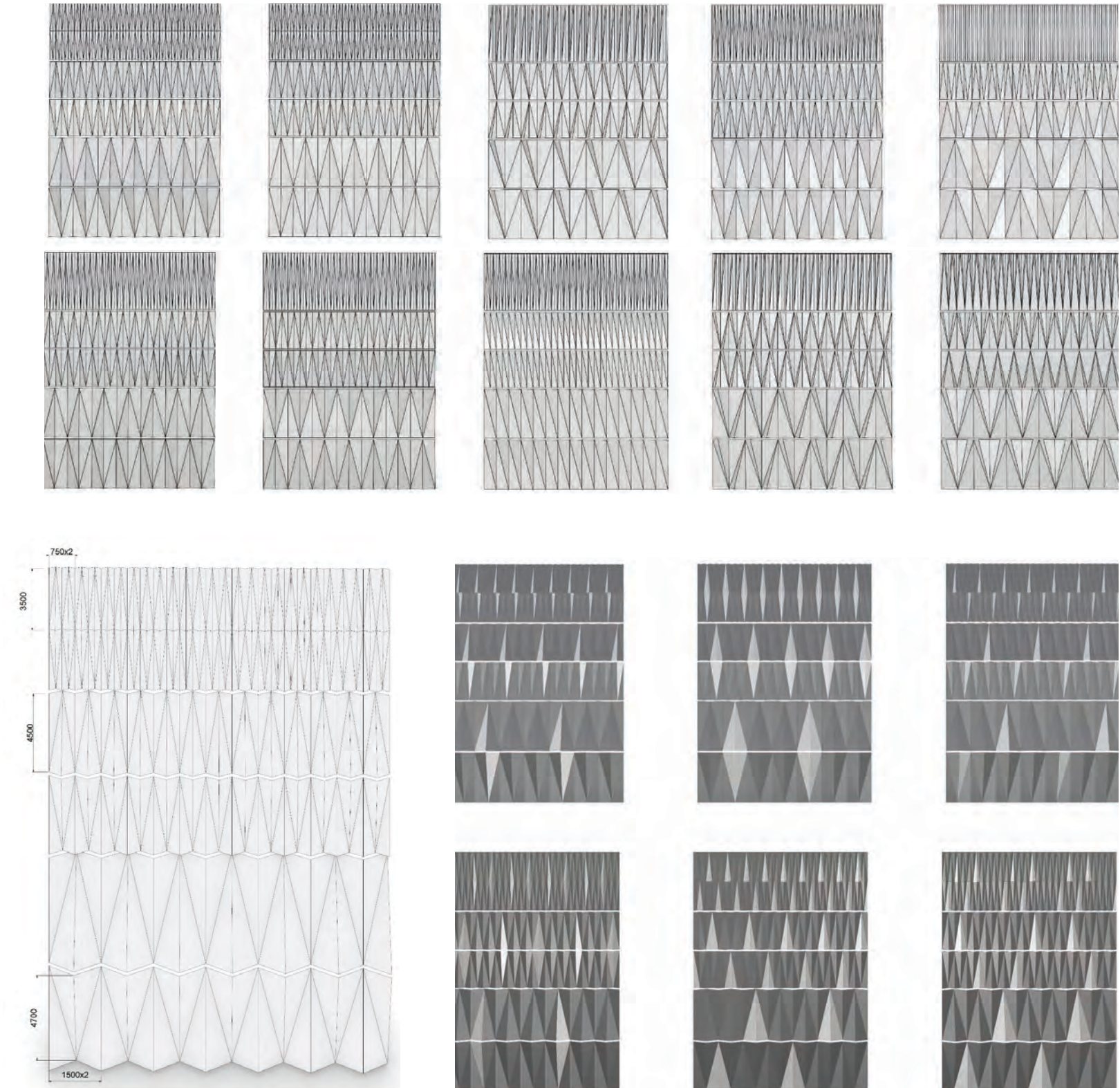
The panels adopt a tessellated pattern that engages with First Nations cultural narratives enriching the design, referencing songlines, water pathways, and seasonal patterns significant to Country.

The surface textures are developed through consultation to ensure authentic representation and respect for First Nations stories.

Lightweight, recyclable aluminium enables parametric fabrication, delivering precision, adaptability, and sustainability. The system's modularity allows scalable application across building typologies while maintaining a strong contextual identity.

This approach transforms the façade into a living canvas — an architectural expression that honours cultural heritage and responds to climate.

It embodies a future-facing yet deeply grounded design philosophy.



6 Building Envelope

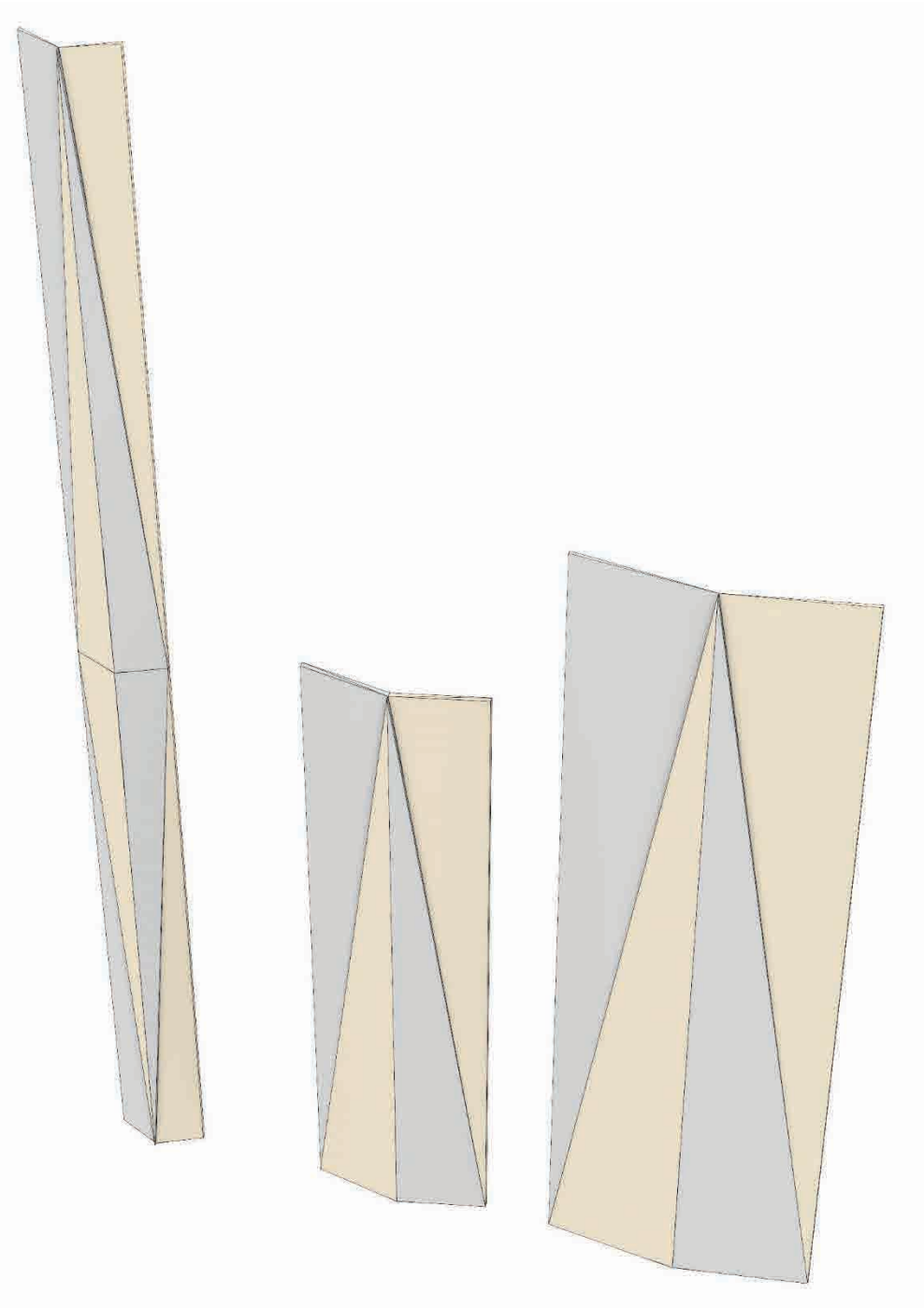
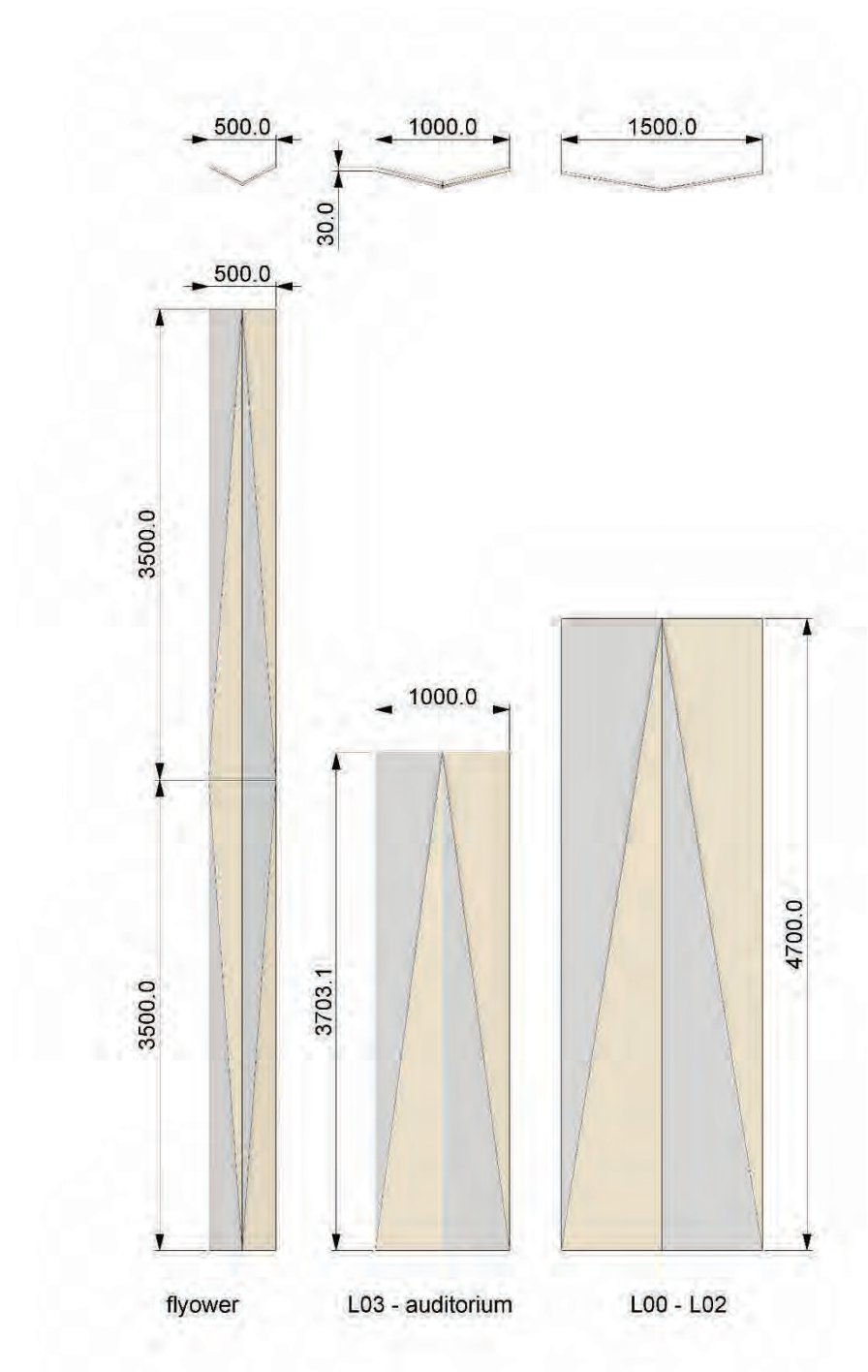
6.2 Module Study

6.2.2 Panels

The façade comprises profiled aluminium panels arranged in a triangulated and fractal pattern inspired by Canberra’s masterplan geometry and First Nations narratives. Panels are produced in modular widths of 500mm, 1000mm, and 1500mm and varying heights of 3500mm, 4700mm, and 7000mm, enabling rhythmic variation and visual dynamism across the façade.

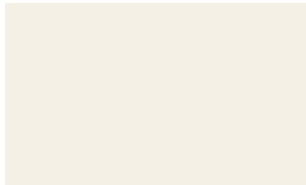
Each panel incorporates angular folds and surface profiling that create depth and shifting shadow patterns, while selective perforations reference songlines, water pathways, and seasonal patterns significant to First Nations Country. The modular variation allows seamless parametric fabrication and efficient installation while maintaining a sense of movement and adaptability to different building scales and orientations.

Constructed from lightweight, recyclable aluminium, the system balances durability, sustainability, and expressive design, offering opportunities for back-lighting and integration of cultural motifs.



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6.3 Façade Material Palette



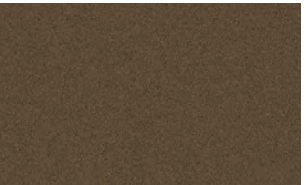
Aluminium Gloss
Warm Off White
Dulux - Mother Of Pearl



Aluminium Matte
Stone Texture
Interpon - White Stone



Class 2 Off-Form
Concrete



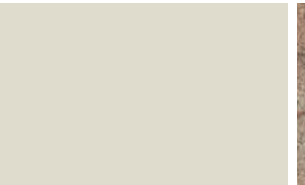
Electro Medium
Bronze Kinetic Flat
Dulux - 9068183F



Aluminium Fine Texture
Structura Core Ten
Interpon - YX365A



Sculpted Precast
Concrete with Sand
Oxide Finish



Roof
Colorbond - Surfmist



Stone Paver On
Pedestal - Terrace
Stone to match Austral
Juperana Natural
Stone Pavers



Glass - Clear



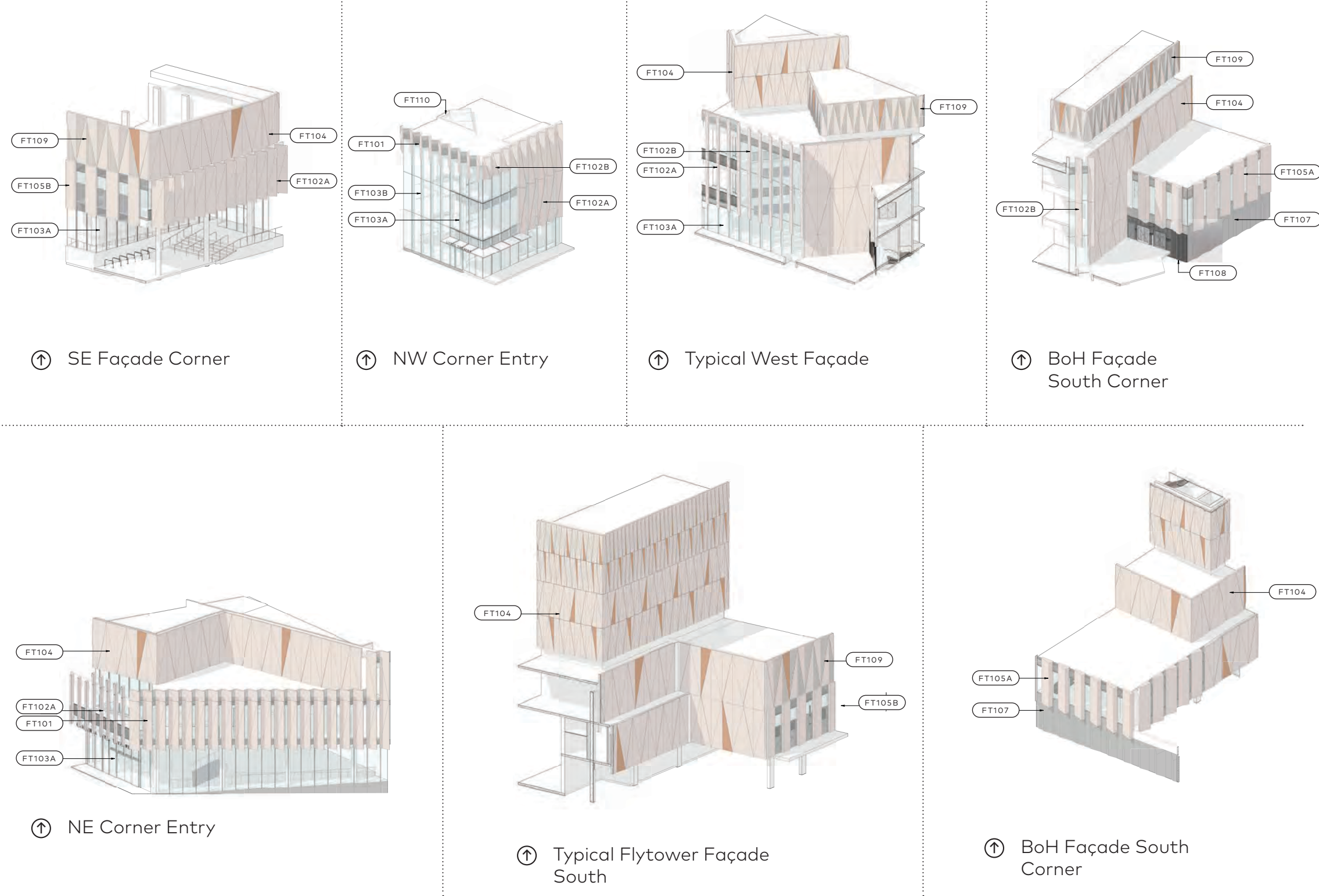
Glass - Low-E

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6.4 Façade Technical Development

The building will offer a variety of façade types that respond to orientation for optimised ESD performance. Façade types are also designed to celebrate programmatic functions to create a playful and engaging façade; promoting activation and engagement with the public realm.

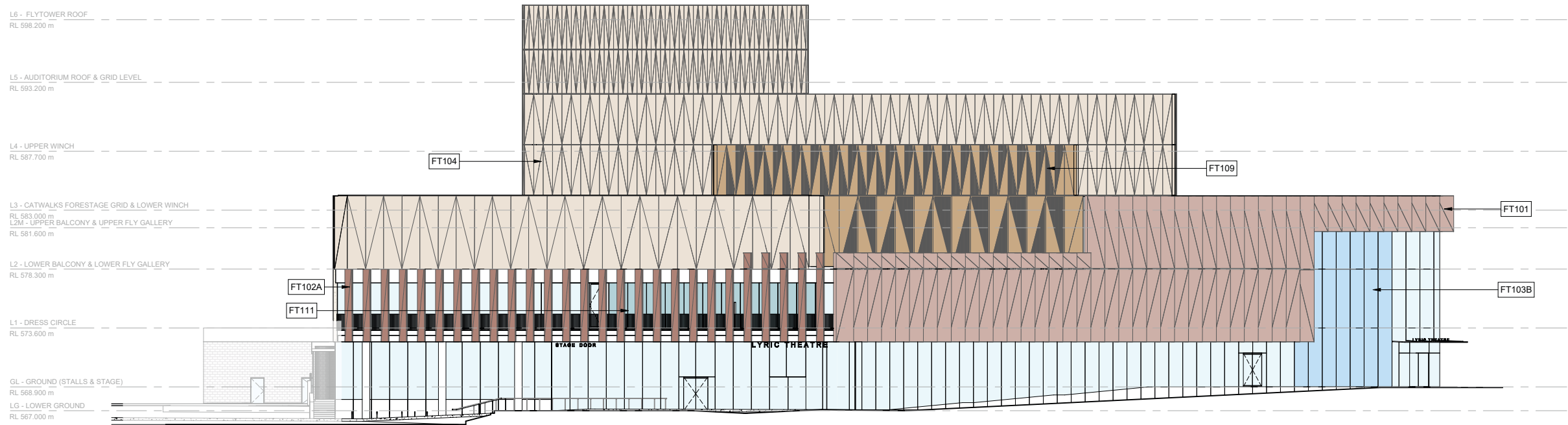
Legend	
FT101	Sawtooth Aluminium Curtain Wall System
FT102A	Louvre Curtain Wall System - Type A
FT102B	Louvre Curtain Wall System - Type B
FT103A	Glass Façade Wall System - Type A
FT103B	Glass Façade Wall System - Type B
FT104	Aluminium Cladding Rainscreen System
FT105A	Aluminium Curtain Wall System - Type A
FT105B	Aluminium Curtain Wall System - Type B
FT106	Aluminium Cladding
FT107	Sculpted Precast Concrete With Sand Oxide Finish
FT108	Metal Batten System
FT109	Metal Grille System
FT110	Skylight
FT111	Window Wall System (Rehearsal)



6 Building Envelope

6.5 Façade Details

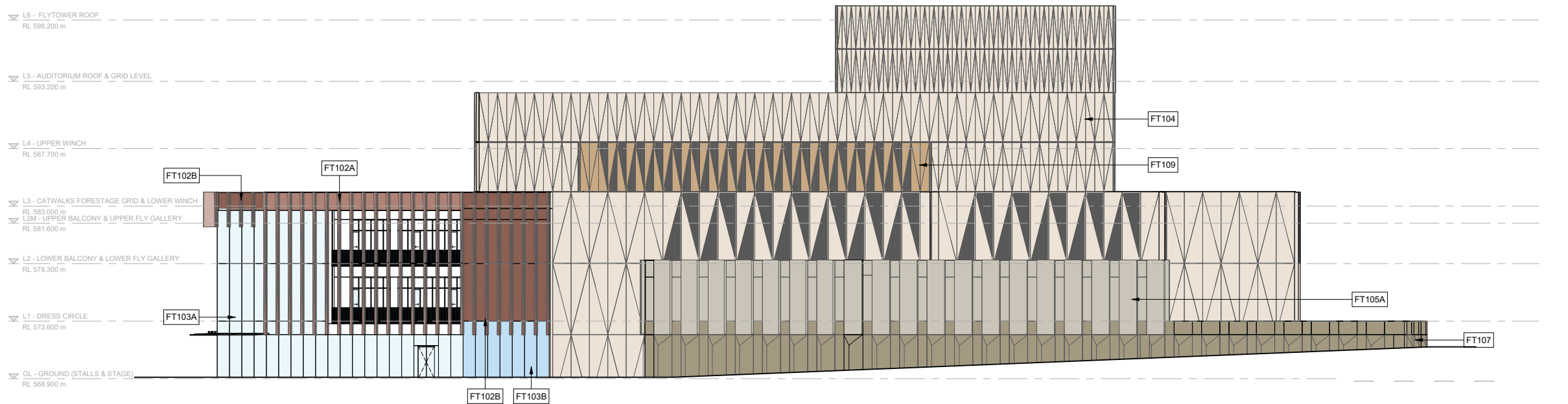
6.5.1 Scoping Elevations



↑ Façade Scoping Elevations - East
Scale: 1:400 @ A3

Legend

FT101	Sawtooth Aluminium Curtain Wall System
FT102A	Louvre Curtain Wall System - Type A
FT102B	Louvre Curtain Wall System - Type B
FT103A	Glass Façade Wall System - Type A
FT103B	Glass Façade Wall System - Type B
FT104	Aluminium Cladding Rainscreen System
FT105A	Aluminium Curtain Wall System - Type A
FT105B	Aluminium Curtain Wall System - Type B
FT107	Precast Concrete with Sand Oxide Finish
FT108	Metal Batten System
FT109	Metal Grille System

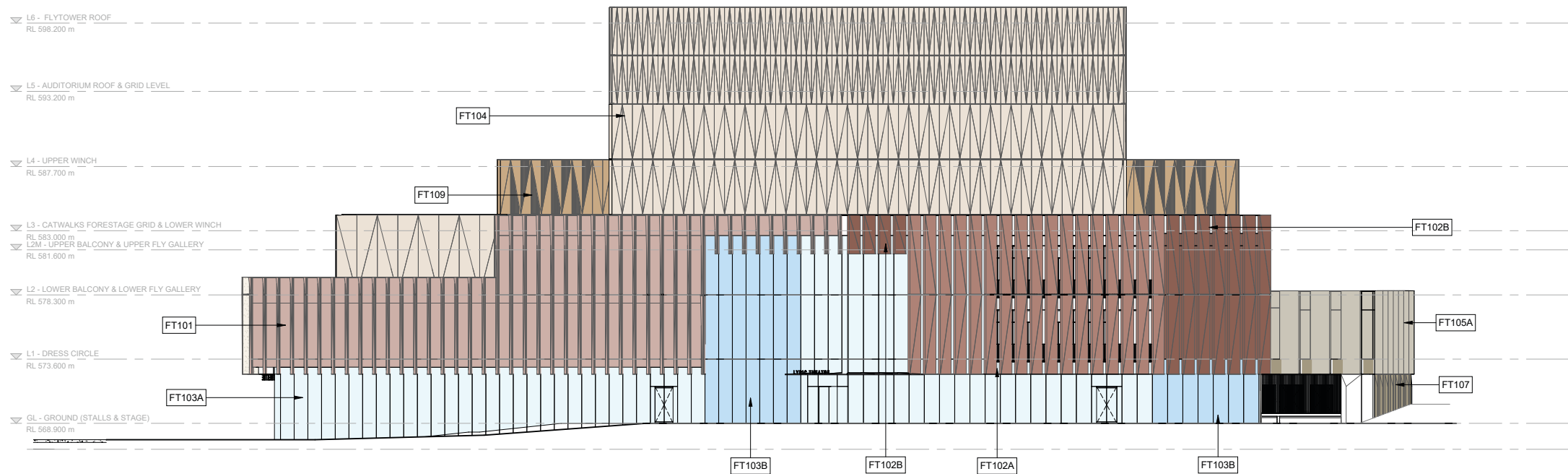


↑ Façade Scoping Elevations - West
Scale: 1:400 @ A3

6 Building Envelope

6.5 Façade Details

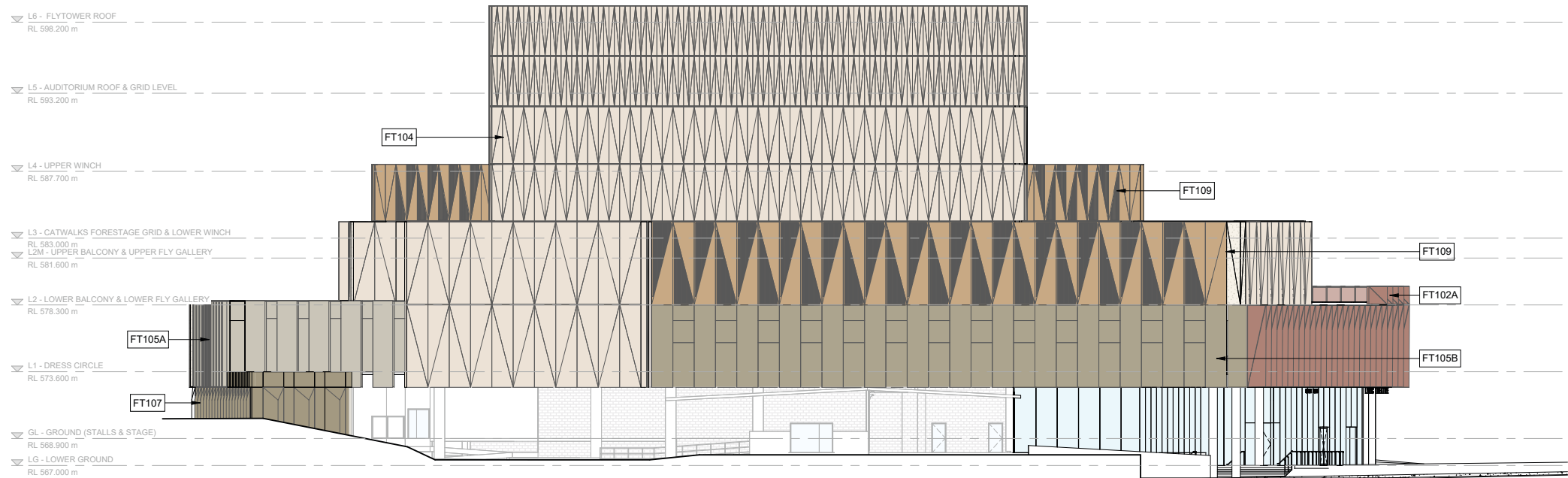
6.5.1 Scoping Elevations



↑ Façade Scoping Elevations - South
Scale: 1:400 @ A3

Legend

FT101	Sawtooth Aluminium Curtain Wall System
FT102A	Louvre Curtain Wall System - Type A
FT102B	Louvre Curtain Wall System - Type B
FT103A	Glass Façade Wall System - Type A
FT103B	Glass Façade Wall System - Type B
FT104	Aluminium Cladding Rainscreen System
FT105A	Aluminium Curtain Wall System - Type A
FT105B	Aluminium Curtain Wall System - Type B
FT107	v Concrete with Sand Oxide Finish
FT108	Metal Batten System
FT109	Metal Grille System



↑ Façade Scoping Elevations - South
Scale: 1:400 @ A3

6.5 Façade Details

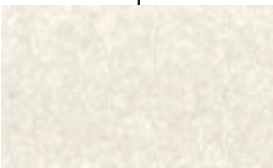
6.5.2 FT101 Sawtooth Aluminium Curtain Wall System



Shadowbox Detail,
Low-E Glass with Back
Panel Aluminium or
Colorback Glass to
match Interpon - White
Stone

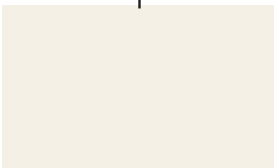


Glass - Low-E



Aluminium Matte
Stone Texture
Interpon - White Stone

Serrated Folding Look
in Façade Articulation
to Create Dynamic
Triangulated Shadows

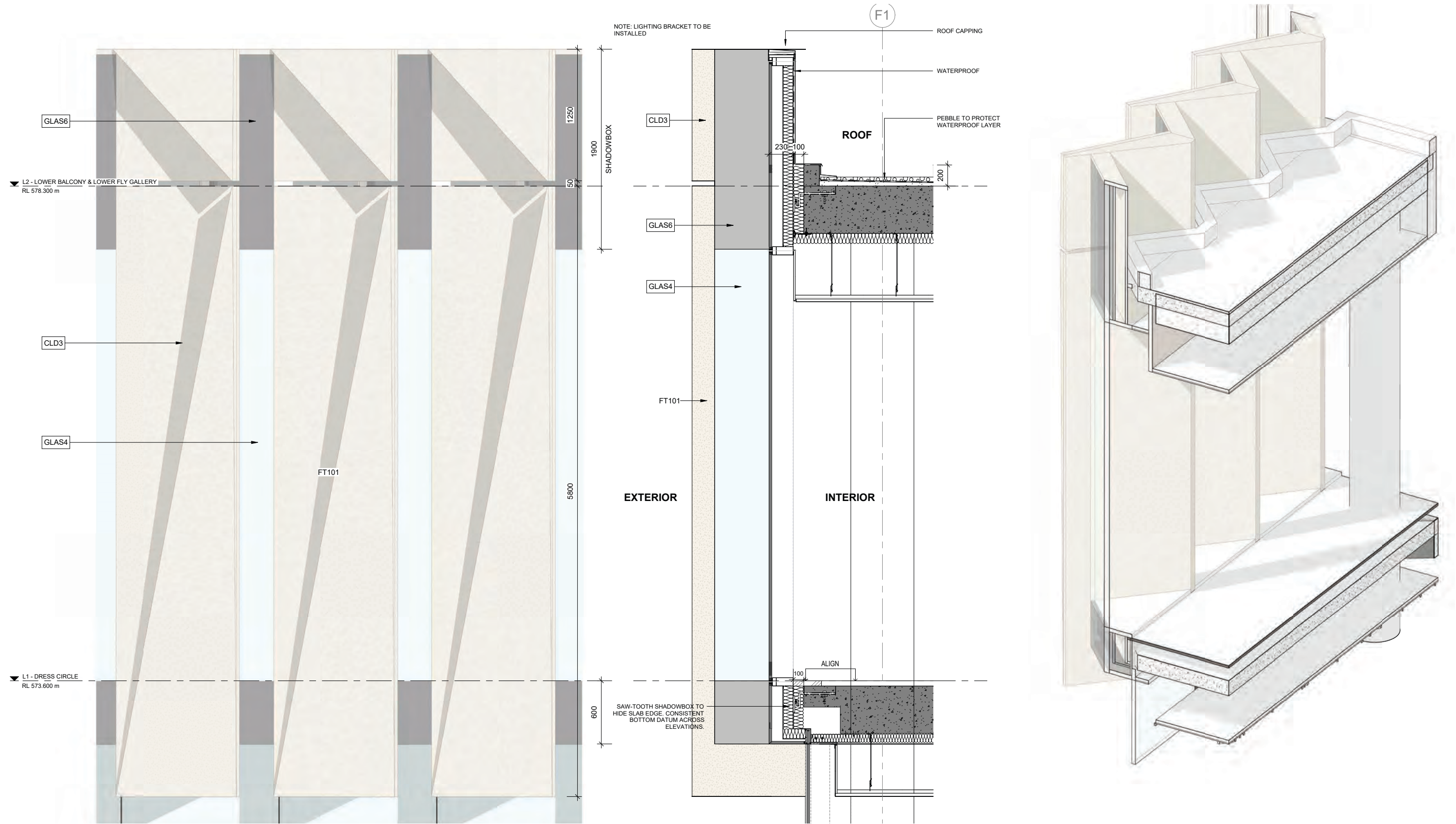


Aluminium Gloss
Warm Off White
Dulux - Mother Of Pearl

6 Building Envelope

6.5 Façade Details

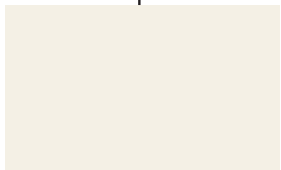
6.5.2 FT101 Sawtooth Aluminium Curtain Wall System



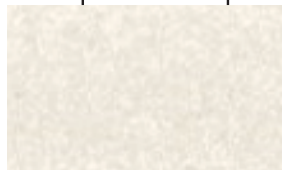
6.5 Façade Details

6.5.3 FT102 Louvre Curtain Wall System

West



Aluminium Gloss
Warm Off White
Dulux - Mother Of Pearl



Aluminium Matte
Stone Texture
Interpon - White Stone

Shadowbox detail,
Low-E Glass with Back
Panel Aluminium or
Colorback Glass to
match Interpon - White
Stone



Glass - Low-E



Electro Medium Bronze
Kinetic Flat
Dulux - 9068183F

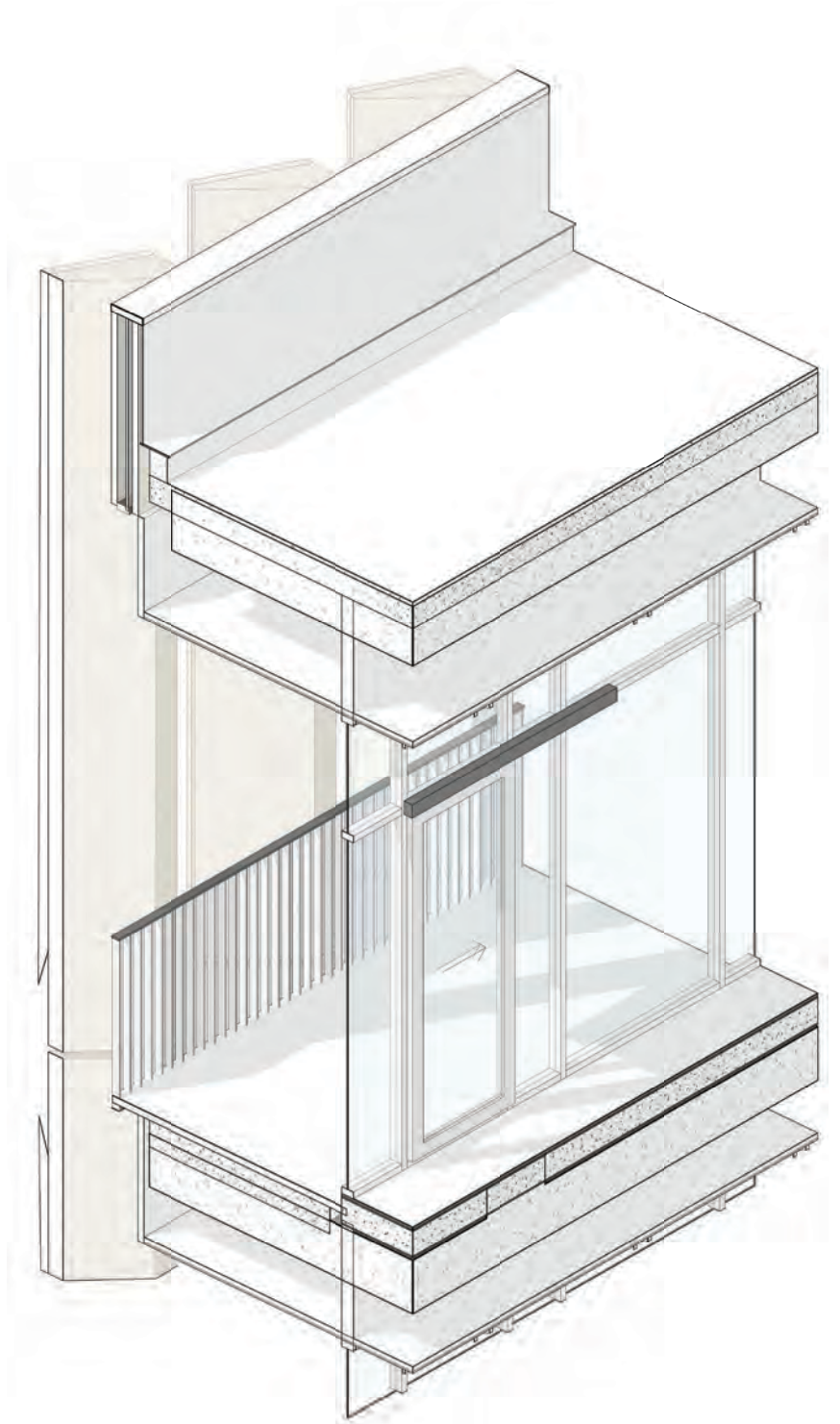
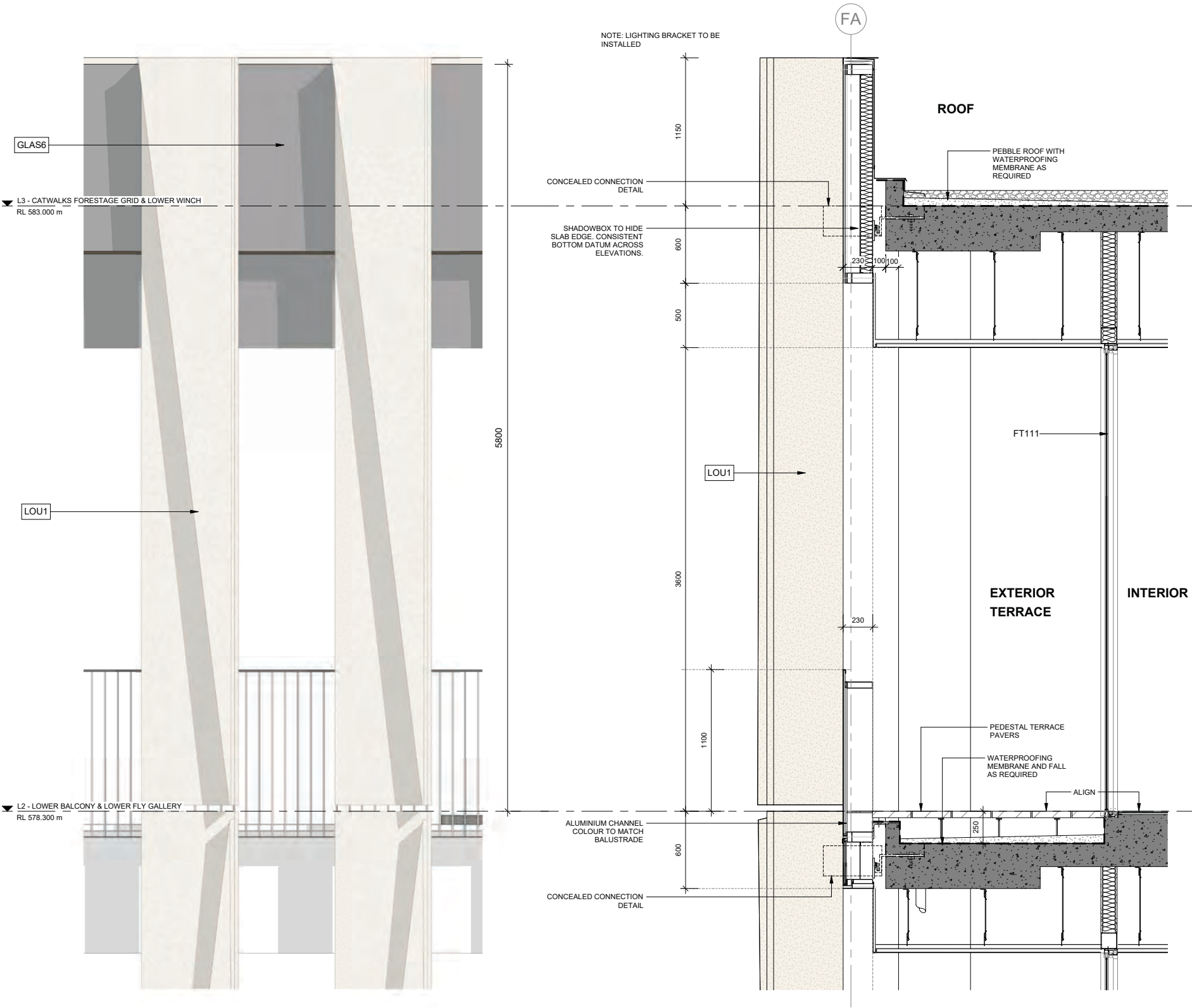
Serrated Folding Look
in Façade Articulation
to Create Dynamic
Triangulated Shadows

6 Building Envelope

6.5 Façade Details

6.5.3 FT102 Louvre Curtain Wall System

Type A West Terrace

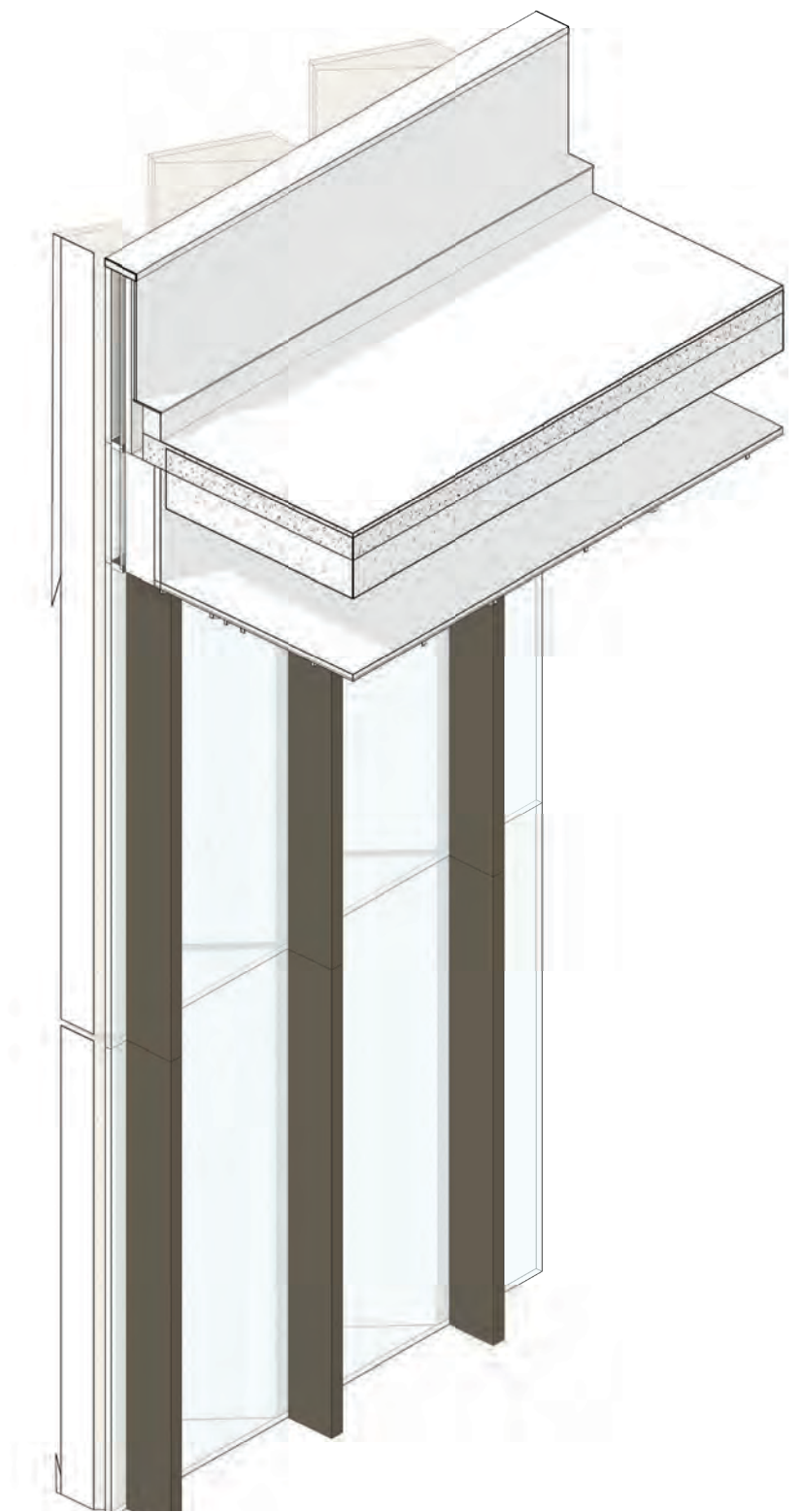
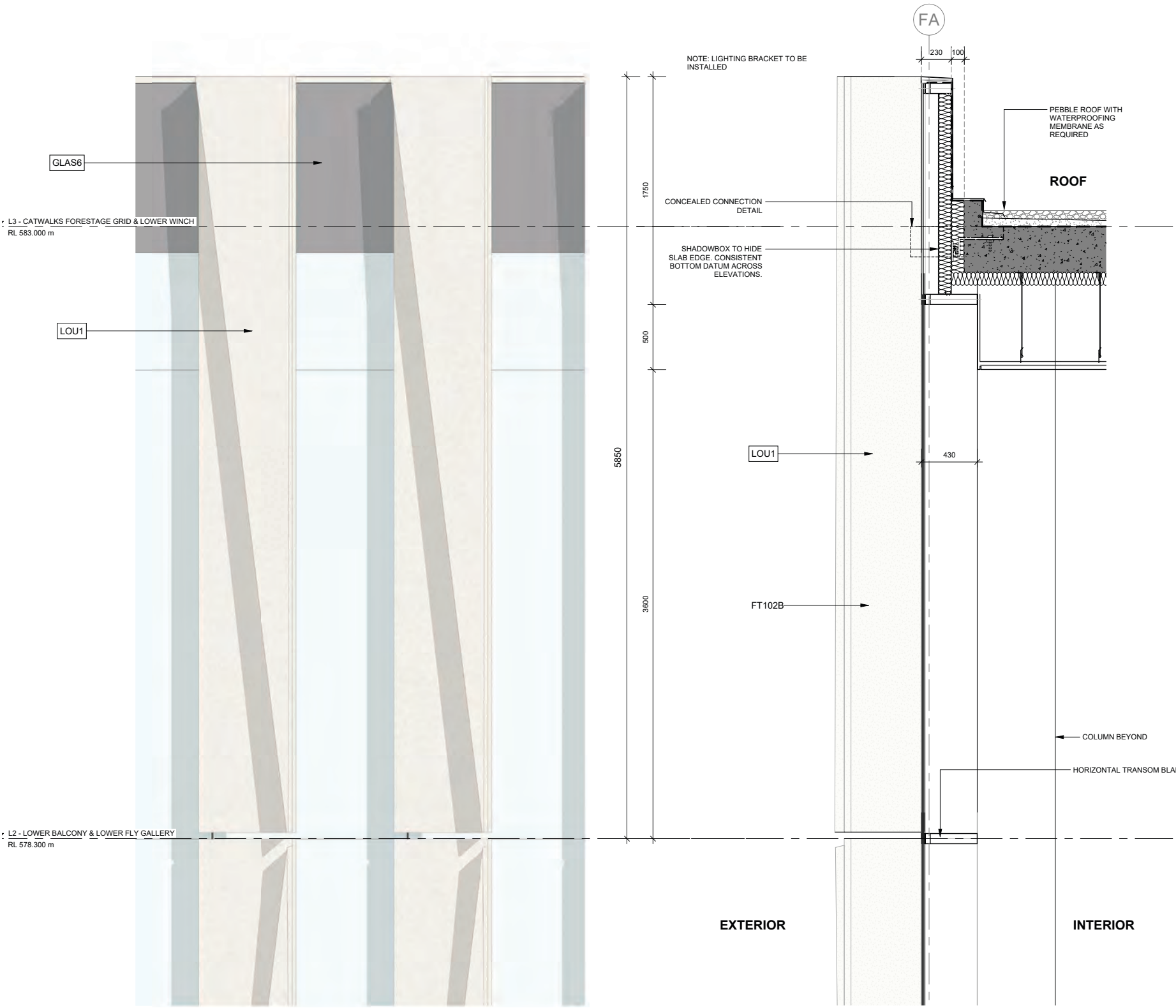


6 Building Envelope

6.5 Façade Details

6.5.3 FT102 Louvre Curtain Wall System

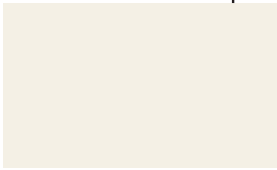
Type B Triple Height Glass



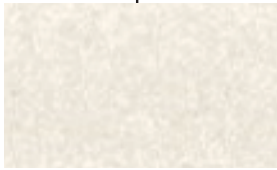
6.5 Façade Details

6.5.3 FT102 Louvre Curtain Wall System

East

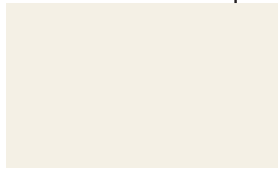


Aluminium Gloss
Warm Off White
Dulux - Mother Of Pearl



Aluminium Matte
Stone Texture
Interpon - White Stone

Serrated Folding Look
in Façade Articulation
to Create Dynamic
Triangulated Shadows



Aluminium Gloss
Warm Off White
Dulux - Mother Of Pearl



Aluminium Fine Texture
Structura Core Ten
Interpon - YX365A



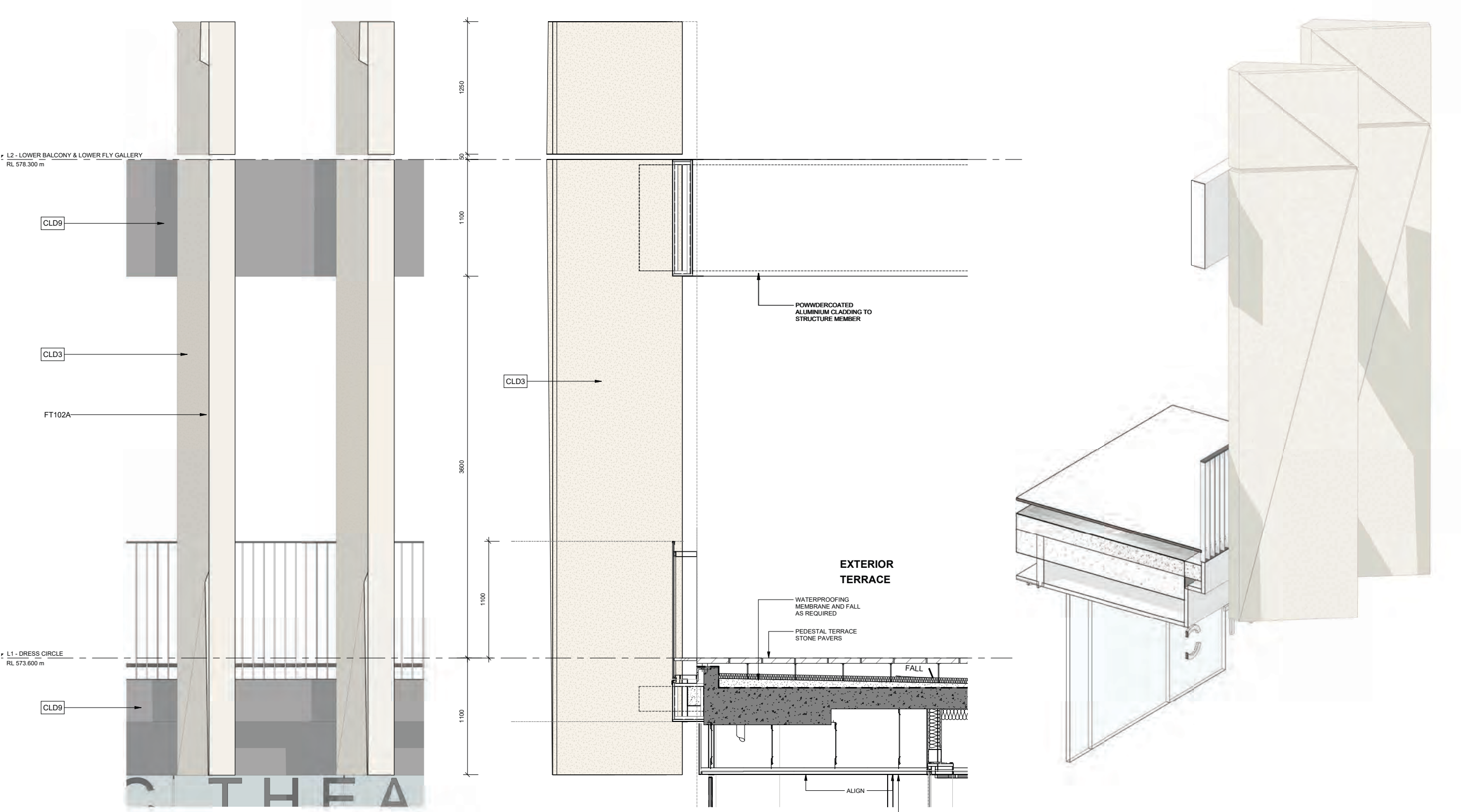
Electro Medium Bronze
Kinetic Flat
Dulux - 9068183F

6 Building Envelope

6.5 Façade Details

6.5.4 FT102A Louvre Curtain Wall System

West Terrace

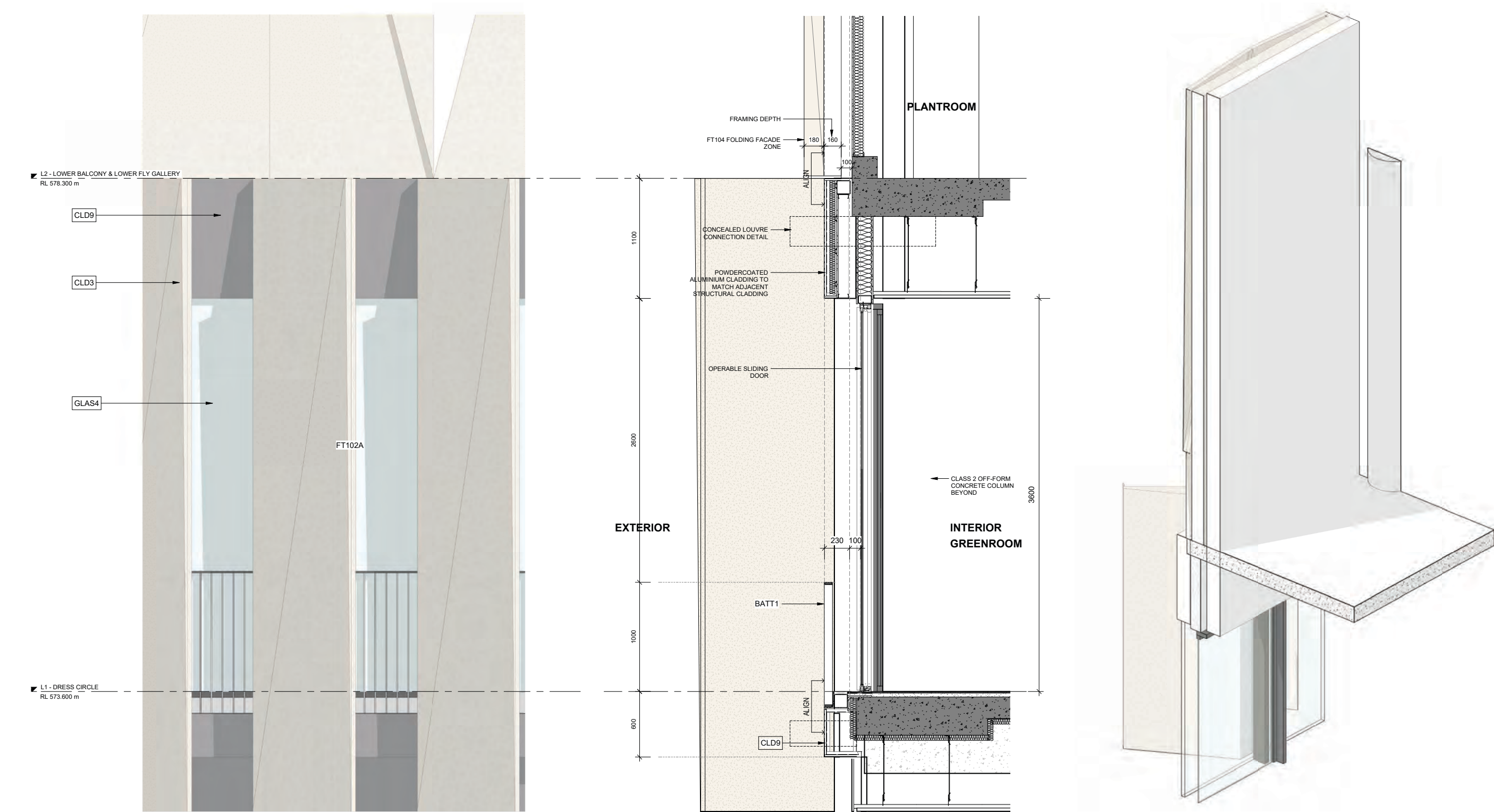


6 Building Envelope

6.5 Façade Details

6.5.5 FT102B Louvre Curtain Wall System

West Green Room

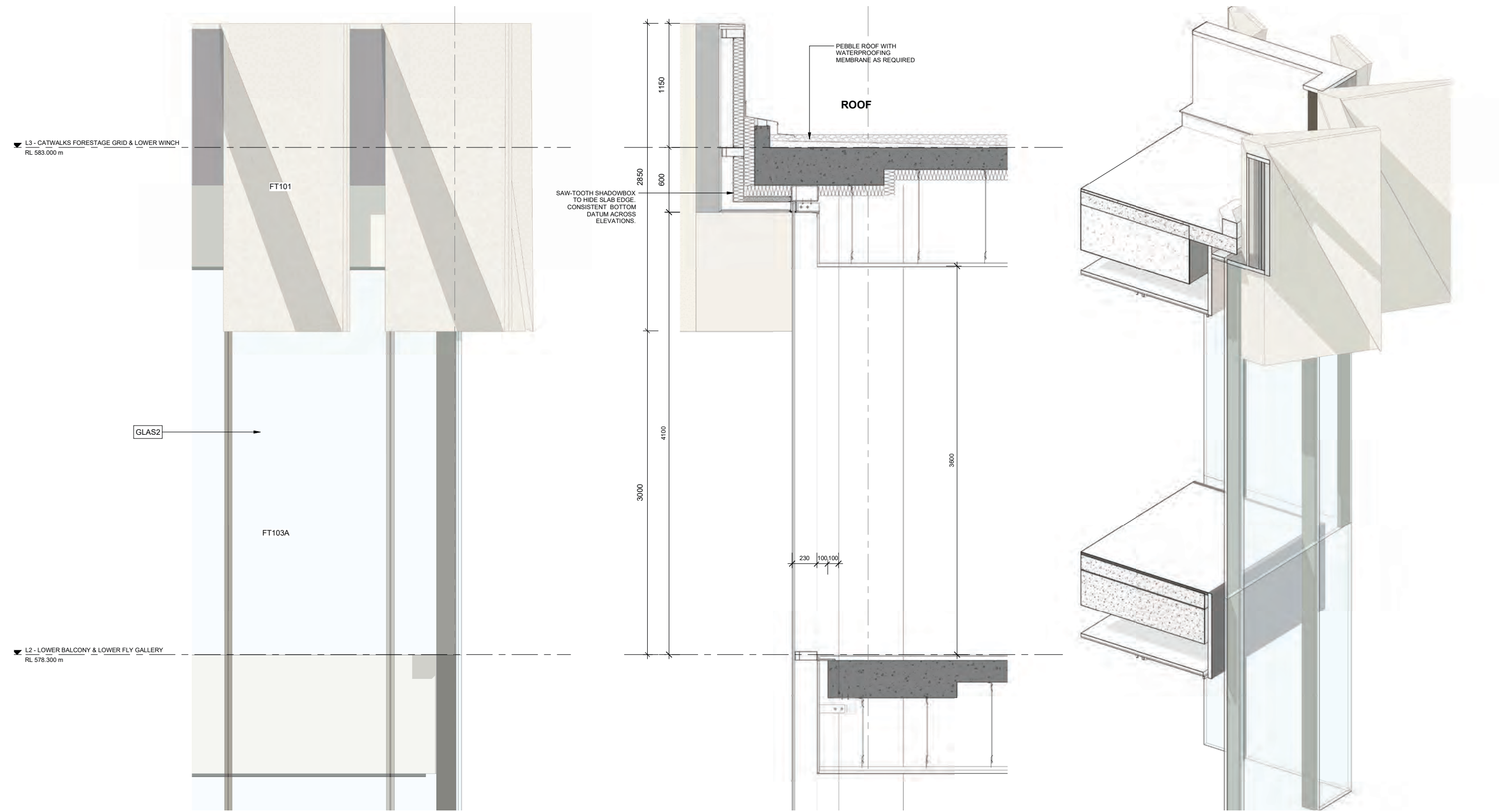


6 Building Envelope

6.5 Façade Details

6.5.6 FT103 Glass Curtain Wall System

North West Corner



6.5 Façade Details

6.5.6 FT103 Glass Curtain Wall System

Ground



Glass - Clear



Class 2 off-form
concrete



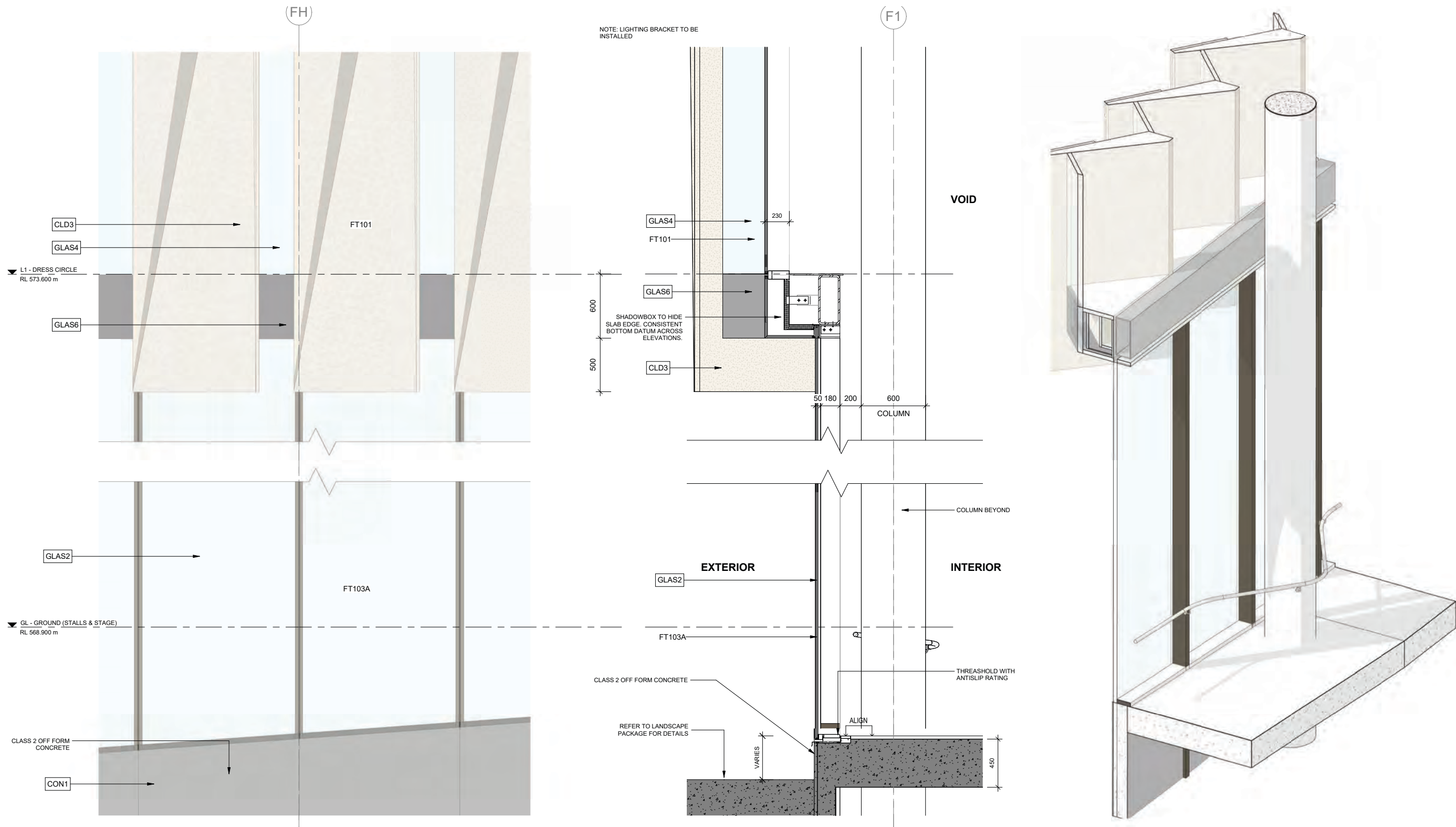
Electro Medium Bronze
Kinetic Flat
Dulux - 9068183F

6 Building Envelope

6.5 Façade Details

6.5.6 FT103 Glass Curtain Wall System

Ground



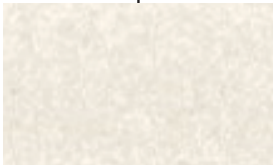
6.5 Façade Details

6.5.7 FT104 and FT09 Aluminium Cladding

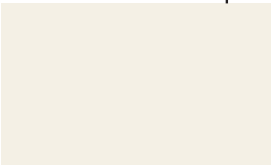
Rainscreen System



Louvres to Plant Room,
Powdercoated to
match Interpon - Stone
White or Dulux - Mother
Of Pearl



Aluminium Matte
Stone Texture
Interpon - White Stone



Aluminium Gloss
Warm Off White
Dulux - Mother Of Pearl



Serrated Folding Look
in Façade Articulation
to Create Dynamic
Triangulated Shadows

Façade Folding on Plan

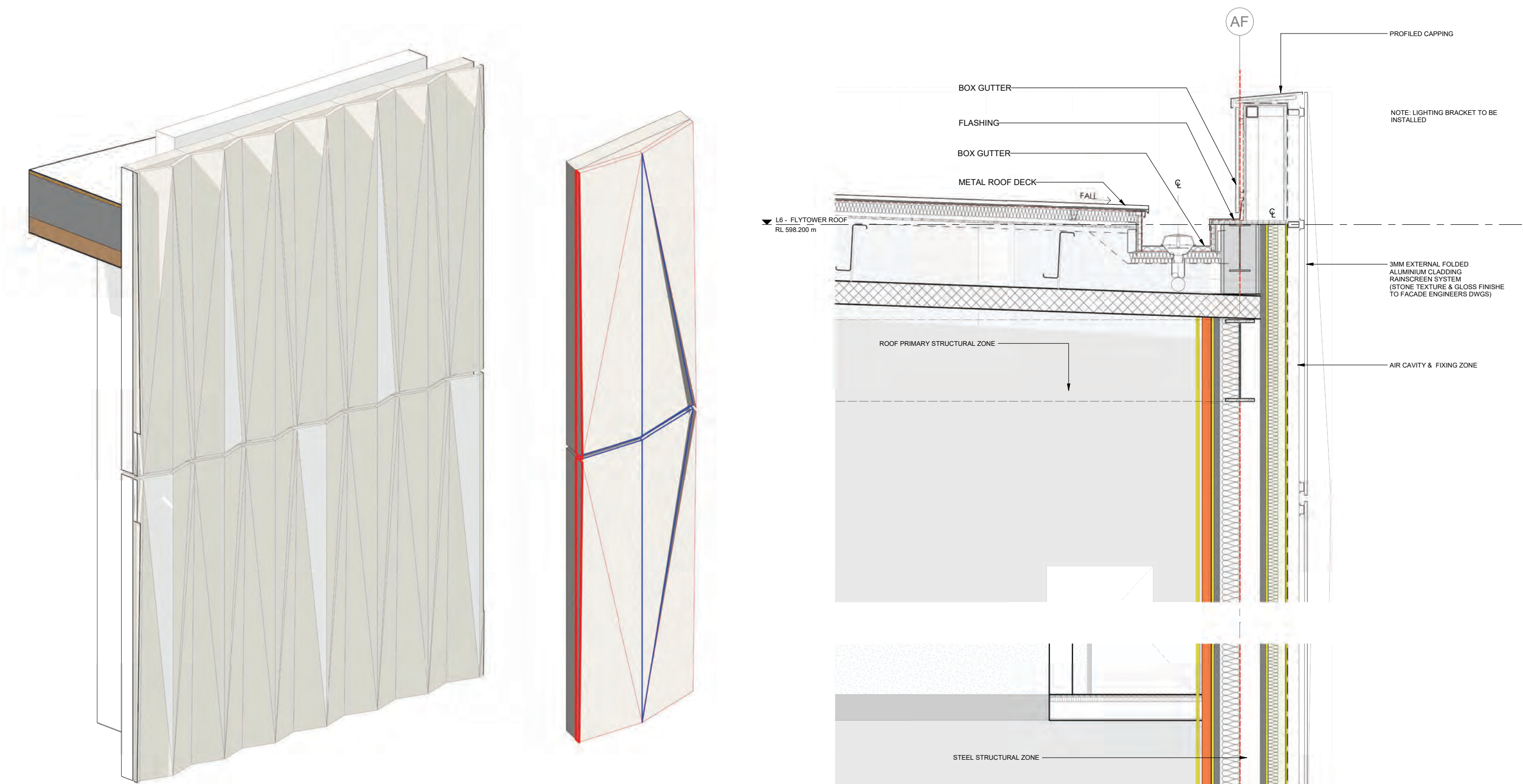
Façade Panel Tilting
Vertically

Expressed Horizontal
Joint Only at Controlled
Datums

6.5 Façade Details

6.5.7 FT104 and FT09 Aluminium Cladding

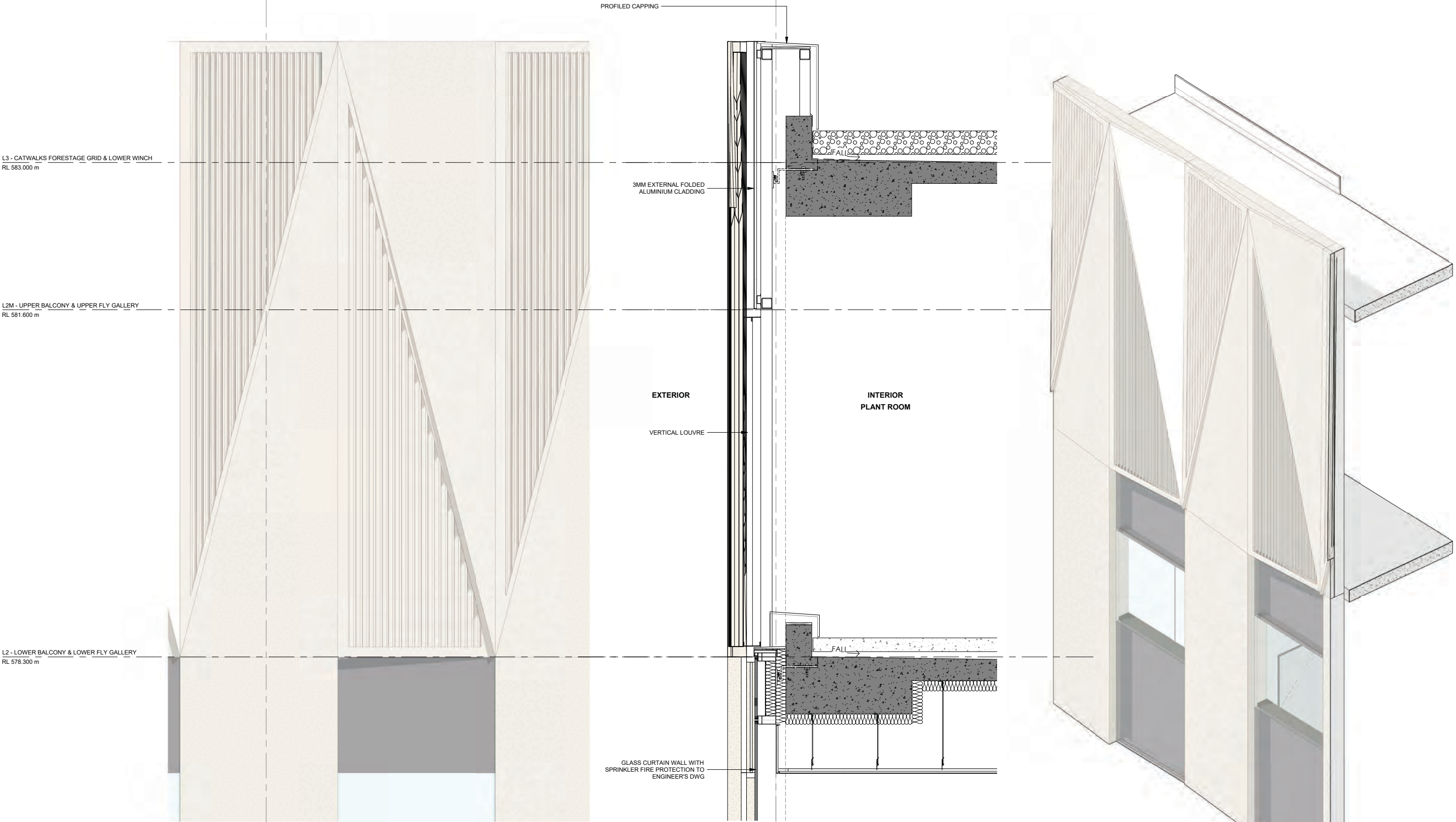
FT104 Aluminium Cladding System - Typical



6.5 Façade Details

6.5.7 FT104 and FT09 Aluminium Cladding

FT109 Aluminium Cladding Louvre - Plant Room



6 Building Envelope

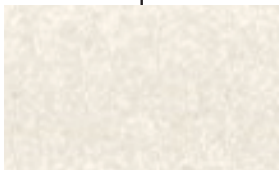
6.5 Façade Details

6.5.8 FT105 and FT107 Vernon Circle Façade

Appx.
D

For
Landscape
Intent, Refer:

Landscape
Arcadia



Aluminium Matte
Stone Texture
Interpon - White Stone



Sculpted Precast
Concrete with Sand
Oxide Finish



Glass - Low-E

6 Building Envelope

6.5 Façade Details

6.5.8 FT105 and FT107 Vernon Circle Façade

Elevation

Appx.
D

For
Landscape
Intent, Refer:

**Landscape
Arcadia**



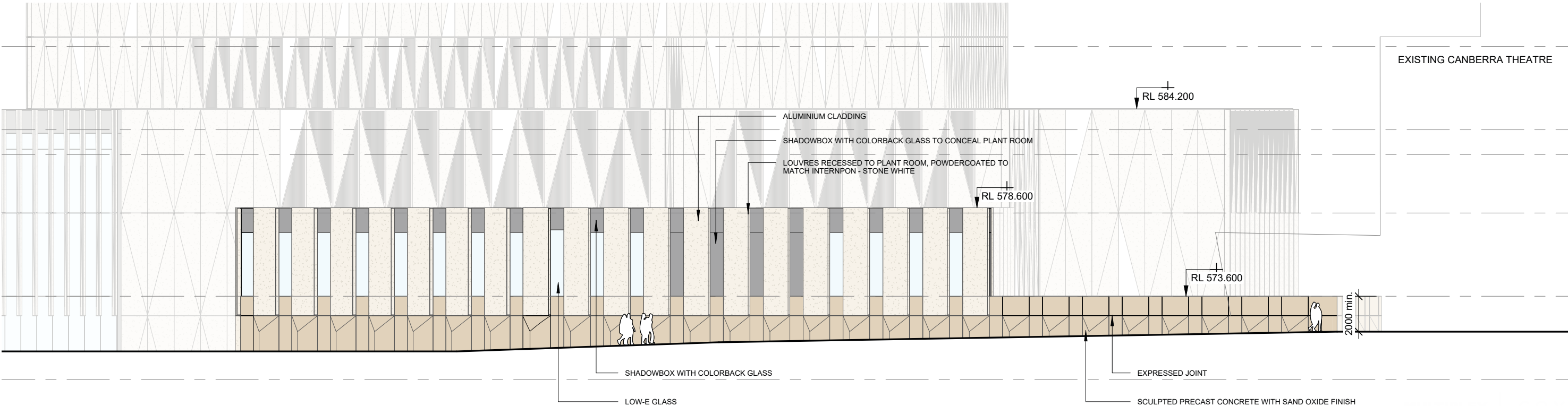
View From City Hill



Recessed Louvre Detail



Sculpted Sand Oxide Precast



6 Building Envelope

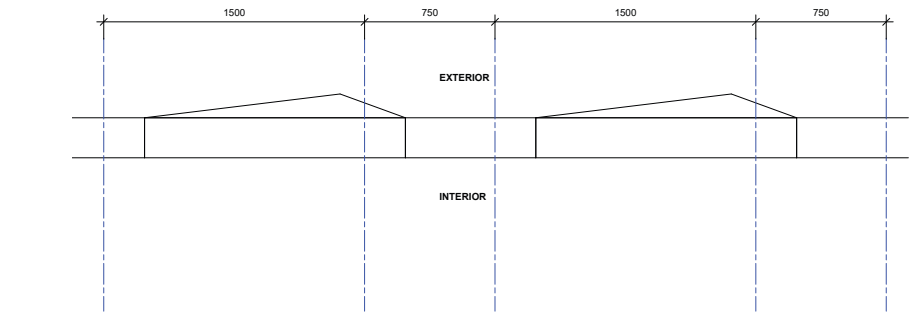
6.5 Façade Details

6.5.8 FT105 and FT107 Vernon Circle Façade

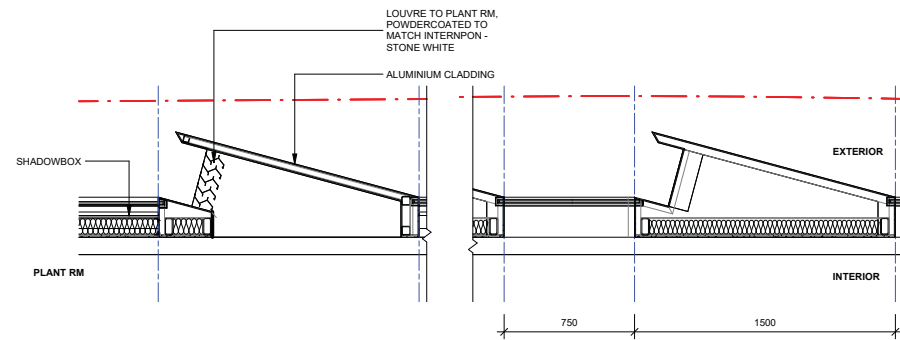
Appx.
D

For
Landscape
Intent, Refer:

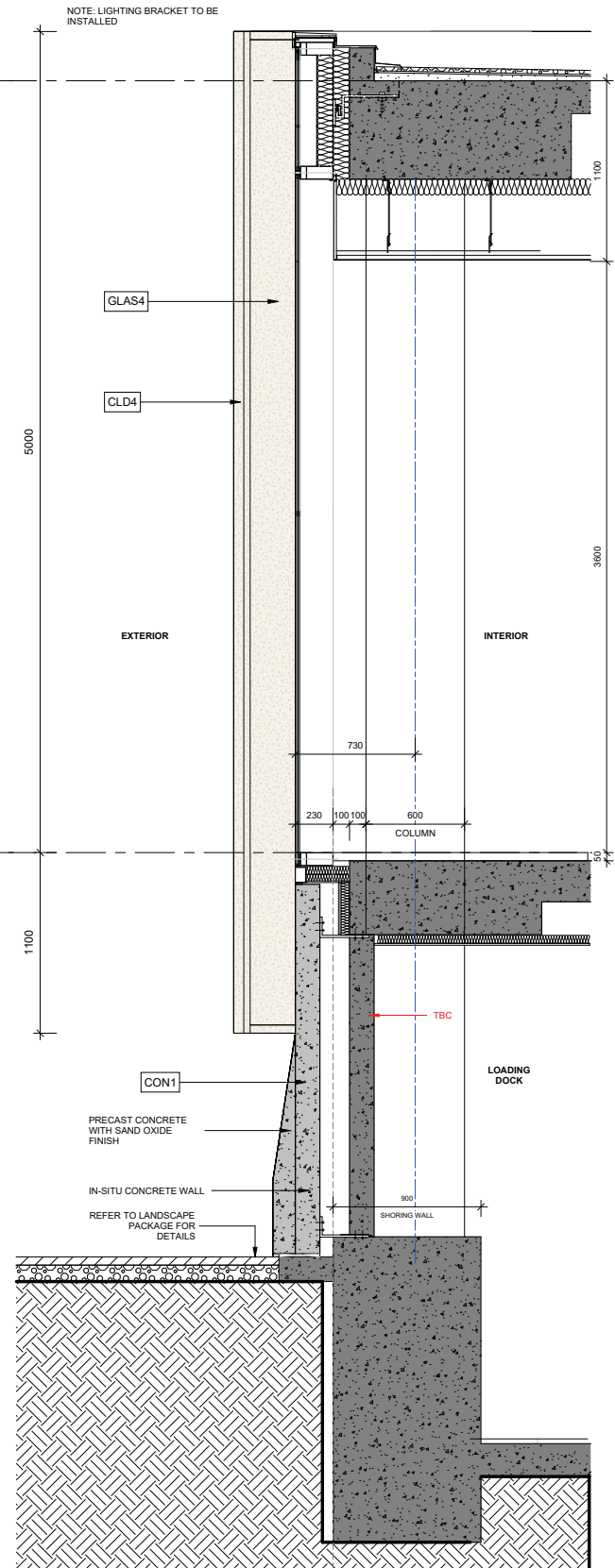
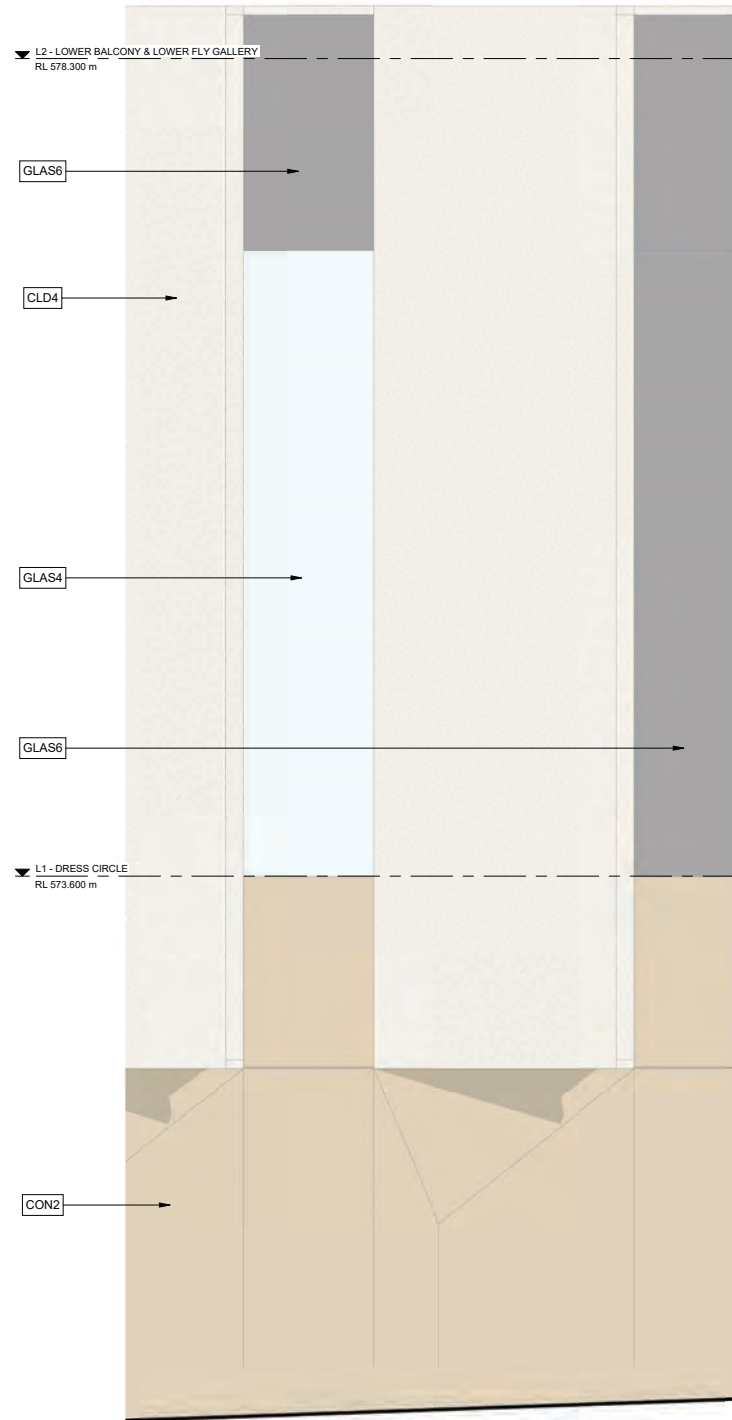
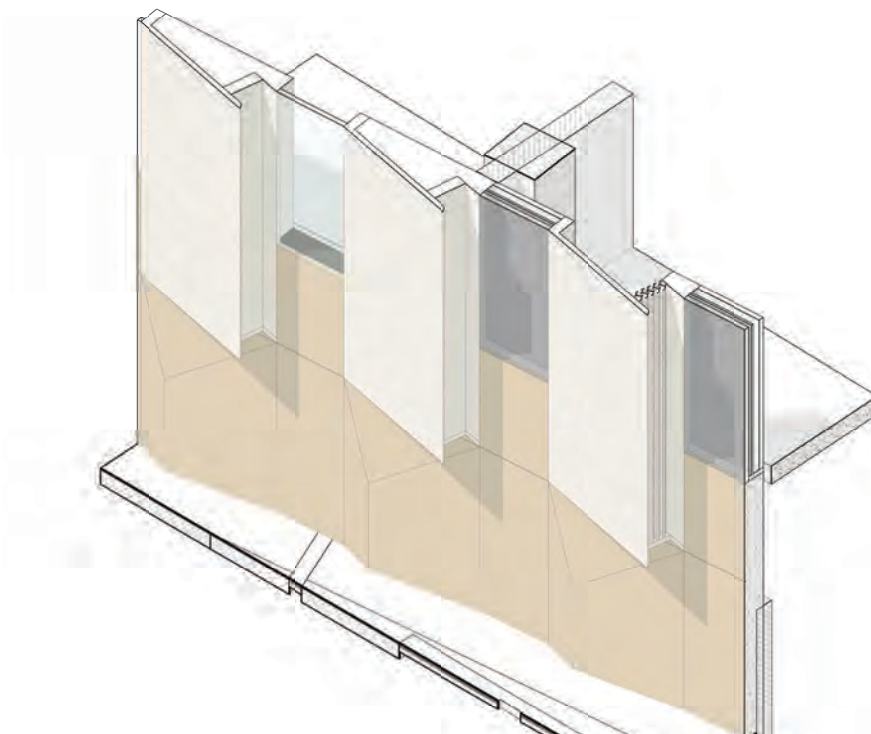
**Landscape
Arcadia**



1 PLAN - FT105&FT107 - GROUND FLOOR
SCALE 1 : 20



2 PLAN - FT105&FT107 - LEVEL 1
SCALE 1 : 20



6 Building Envelope

6.5 Façade Details

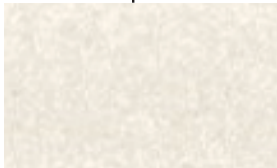
6.5.9 FT105B Dressing Room Façade



Glass - Clear



Glass - Low-E



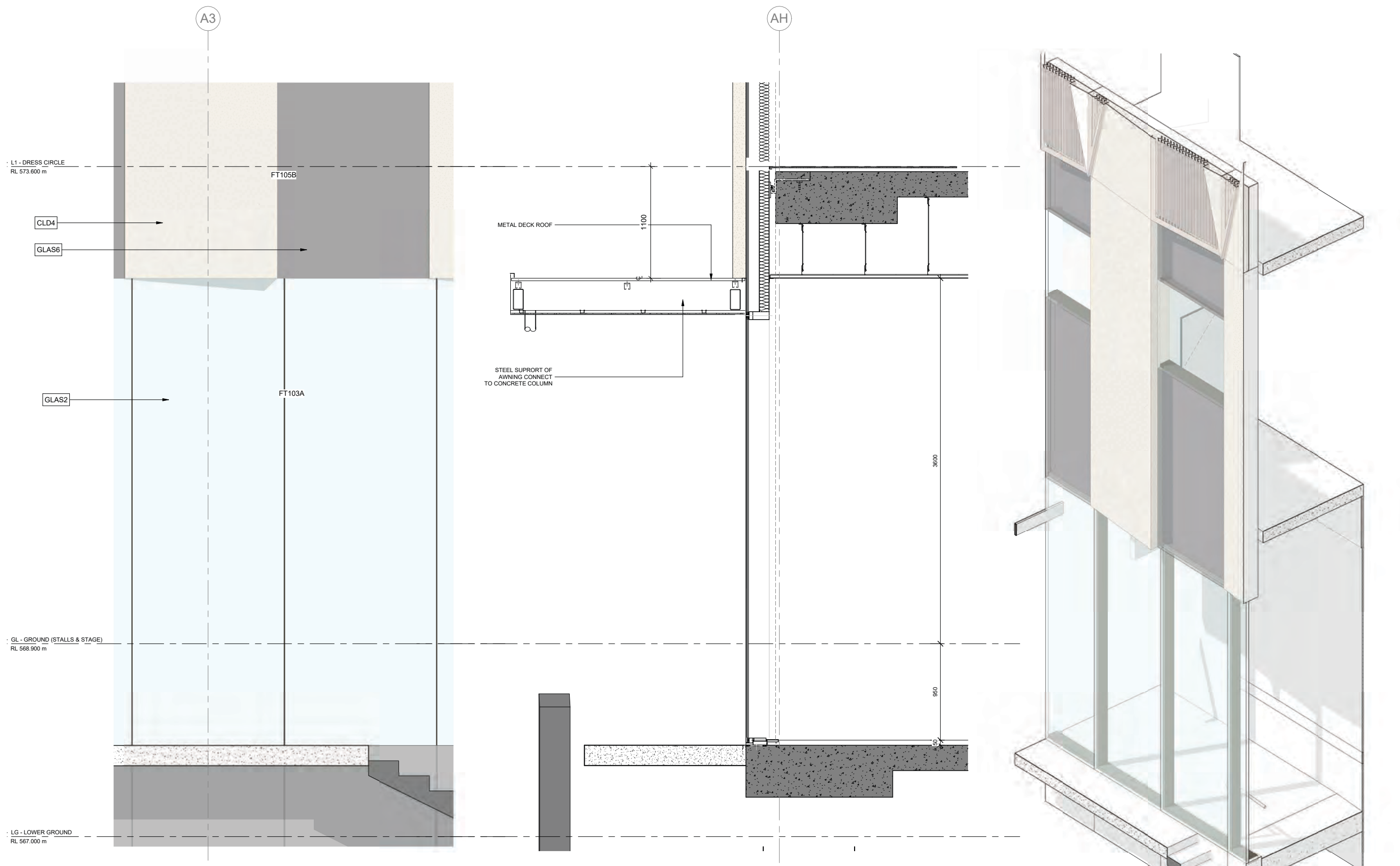
Aluminium Matte
Stone Texture
Interpon - White Stone

Shadowbox Detail,
Low-E Glass with Back
Panel Aluminium or
Colorback Glass to
match Interpon - White
Stone

6 Building Envelope

6.5 Façade Details

6.5.9 FT105B Dressing Room Façade



6.5 Façade Details

6.5.10 FT108 Metal Batten System

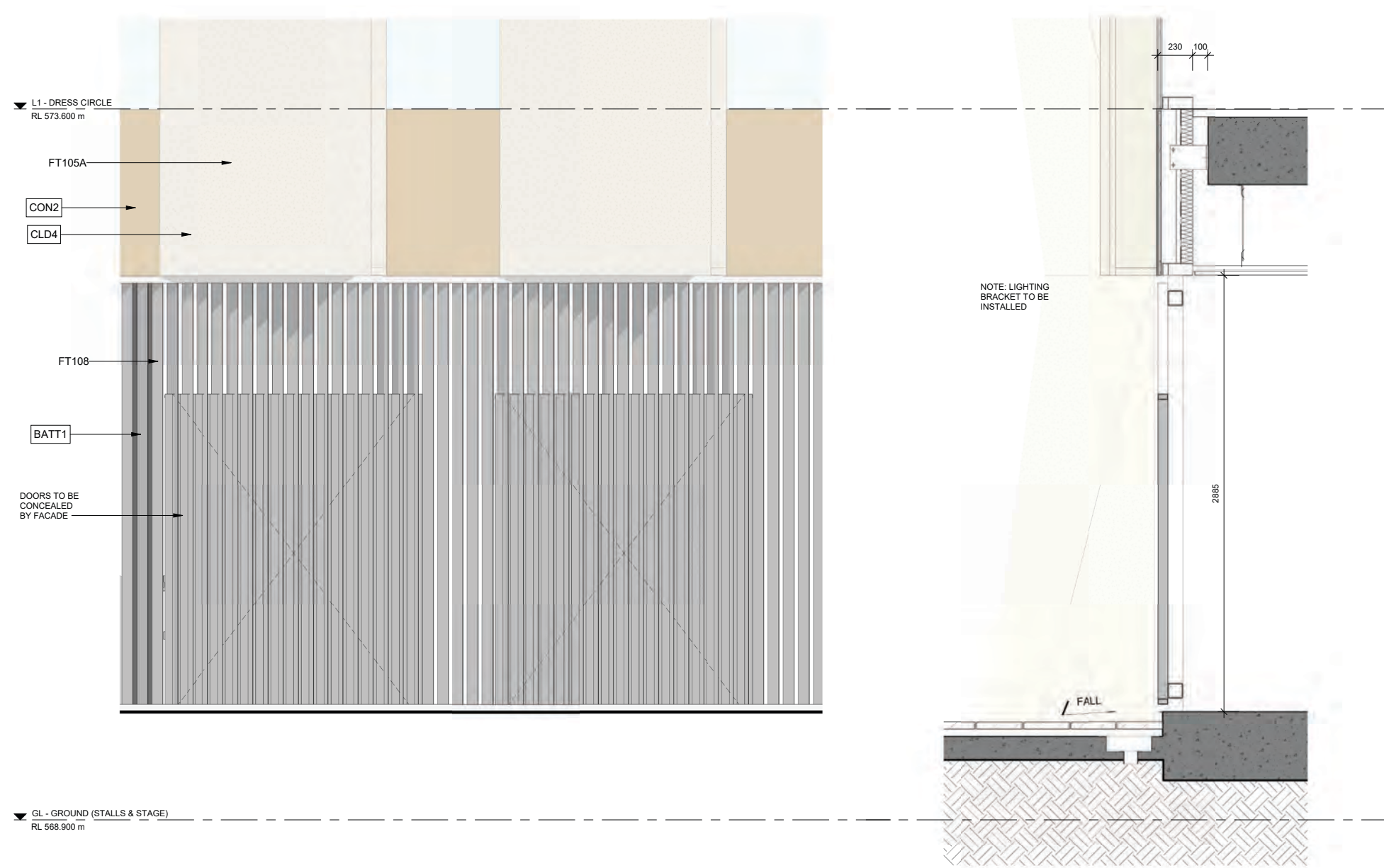


Powdercoated aluminium blades to conceal loading dock behind. Color, finish and texture to match adjacent sand oxide precast.

6 Building Envelope

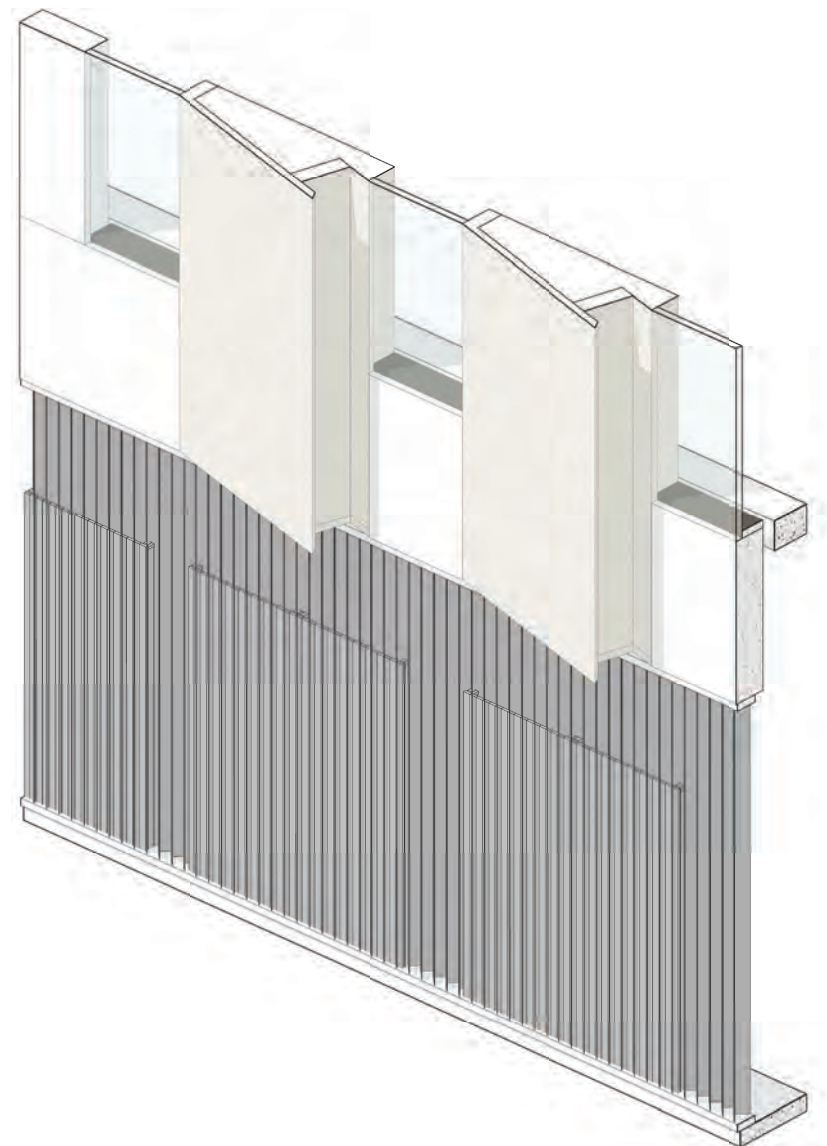
6.5 Façade Details

6.5.10 FT108 Metal Batten System



1 ELEVATION - FT108
SCALE 1 : 20

2 SECTION - FT108
SCALE 1 : 20



3 AXO - FT108
SCALE

Place, Experience & Aesthetics

RENDER OF GROUND FLOOR FOYER 



7 Place, Experience & Aesthetics

7.1 Restoration and Reflection - Transformation and Ascent

A

Framing views to sky

The main stair and skylight act as a ceremonial spine for the building, drawing visitors upward in a sequence. The stair is framed and illuminated by the skylight, which pours daylight deep into the interior and traces the rhythm of ascent. Moving upward becomes a journey of transformation, each landing a pause in the narrative, each step guided by light as if moving toward revelation.

B

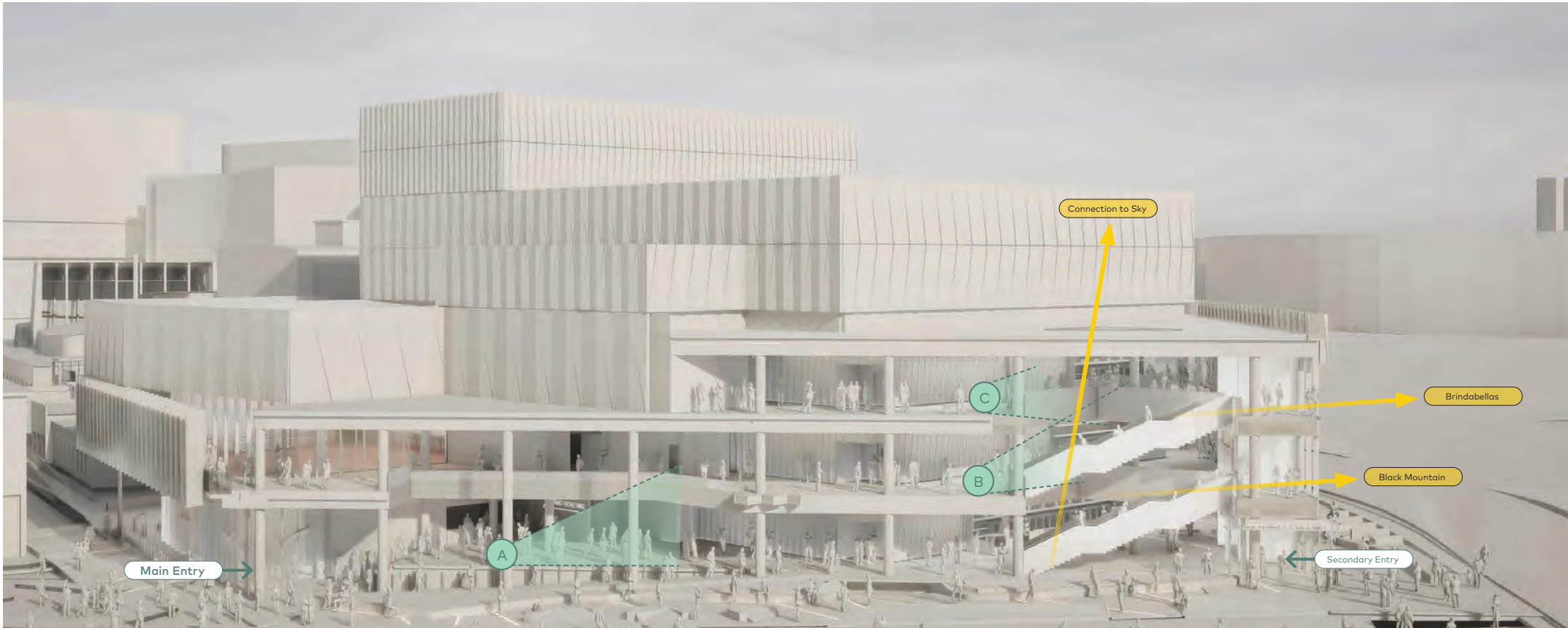
Black Mountain

As visitors climb, orientation is reinforced by framed outlooks—moments where the architecture opens to the wider landscape. Long, deliberate views reach outward to Black Mountain, Mount Ainslie, and the Brindabellas, embedding the building in its topography and memory.

C

Brindabellas

These sightlines root the journey in Country: Black Mountain as a green anchor of the city, Mount Ainslie as a ceremonial vantage, the Brindabellas as a shifting backdrop of distance and weather. The stair thus becomes a line of dialogue between interior transformation and exterior orientation, binding personal movement to collective geography.



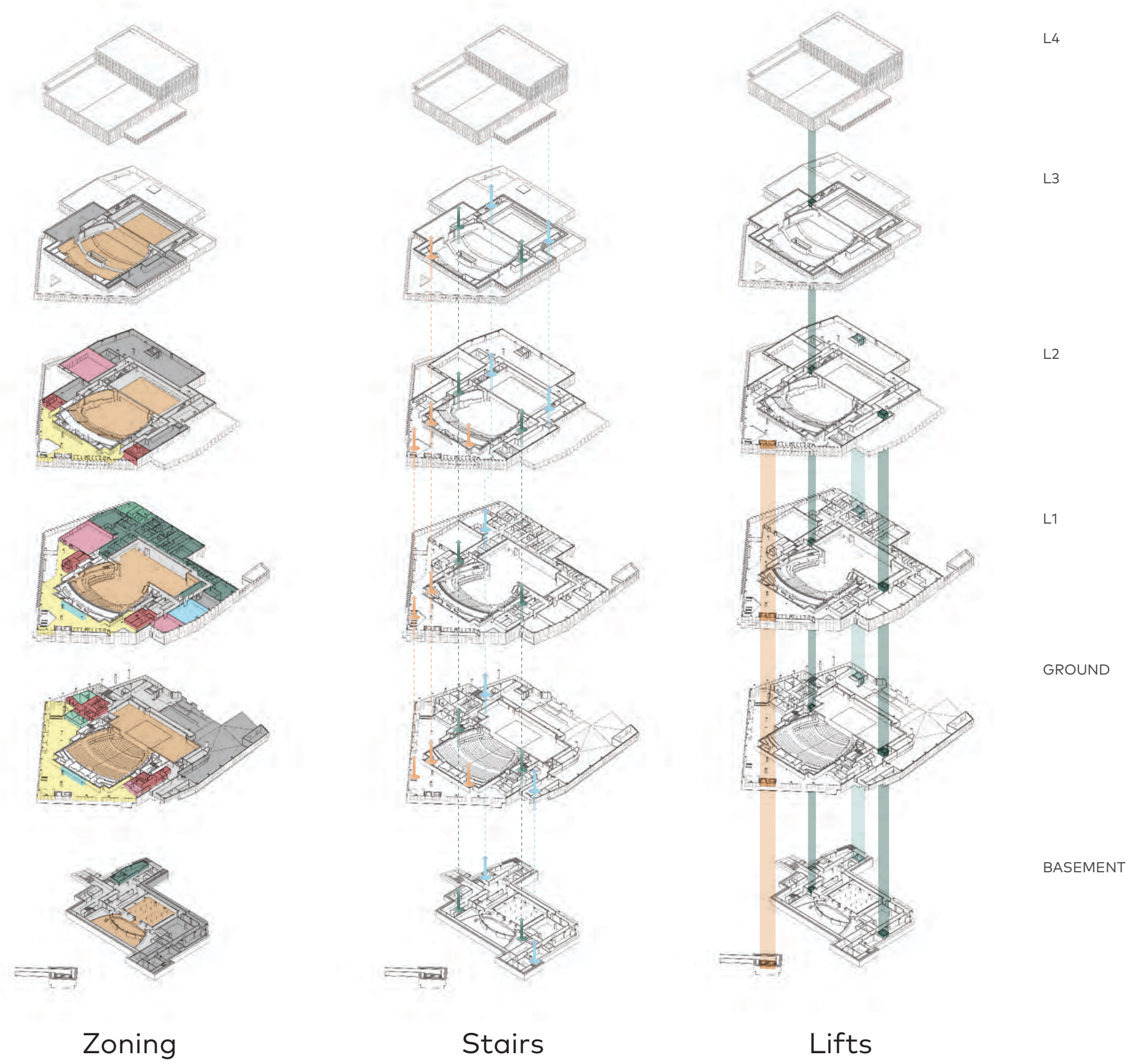
Indicative images only

7 Place, Experience & Aesthetics

7.2 Spatial Organisation

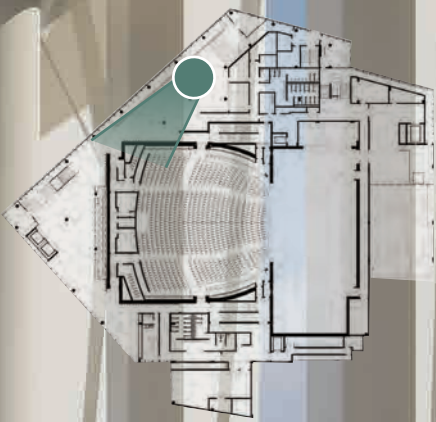
The schematic design and interconnection of programmatic elements has been driven by extensive collaboration with specialised theatre planning consultants, to ensure a highly functional contemporary outcome for the theatre.

Legend	
Zoning	
<div></div>	Foyer
<div></div>	Auditorium + Stage
<div></div>	BoH
<div></div>	Performer Areas
<div></div>	Staff + Administration Rooms
<div></div>	Loading/Truck
<div></div>	Flexible Spaces
<div></div>	Catering
<div></div>	Toilets
Stairs	
<div></div>	Patron Stairs
<div></div>	Performer Stairs
<div></div>	Servicing/Tech Stairs
Lifts	
<div></div>	Patron Lift
<div></div>	Performer Lifts
<div></div>	Servicing/Tech Lifts

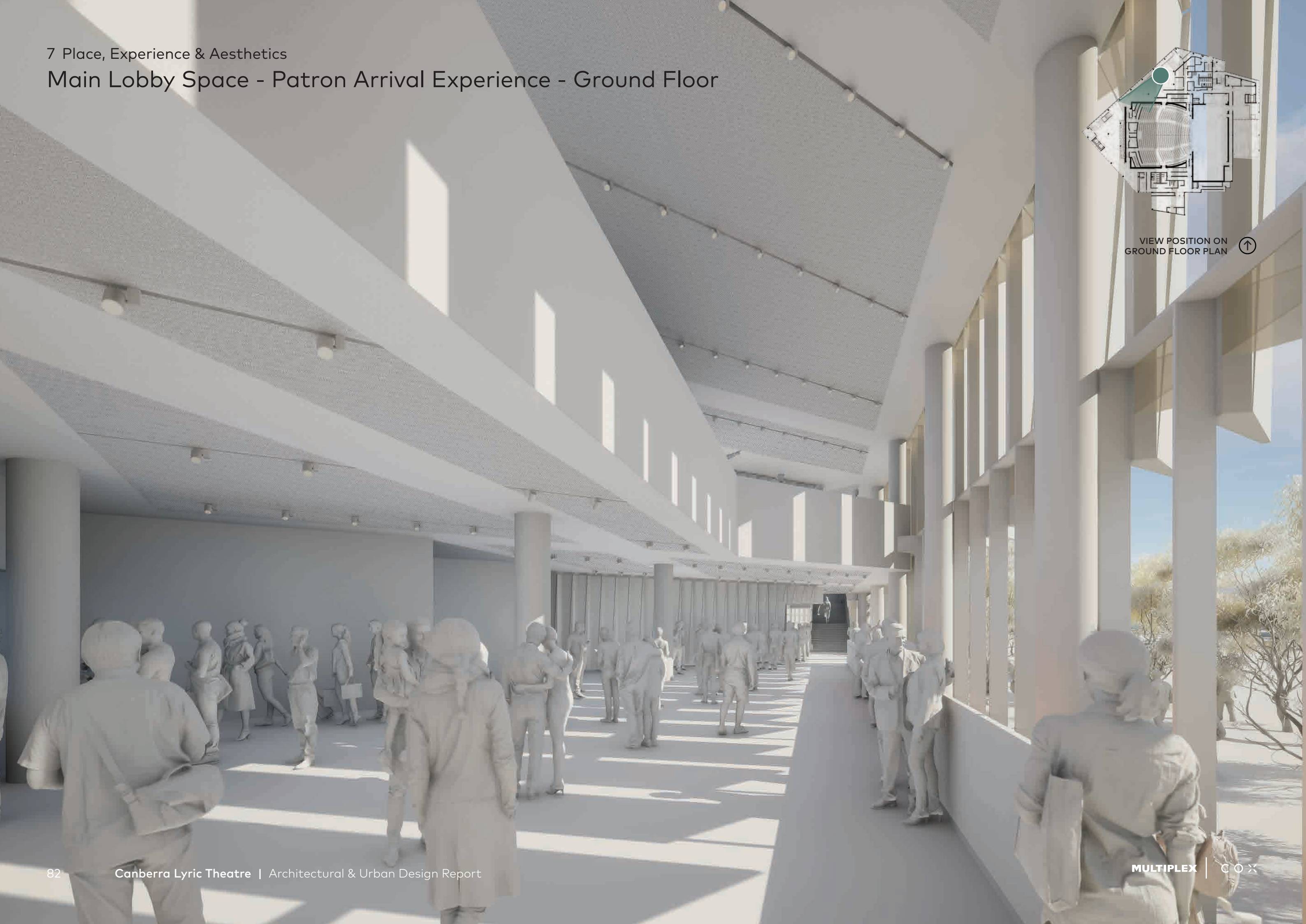


7 Place, Experience & Aesthetics

Main Lobby Space - Patron Arrival Experience - Ground Floor

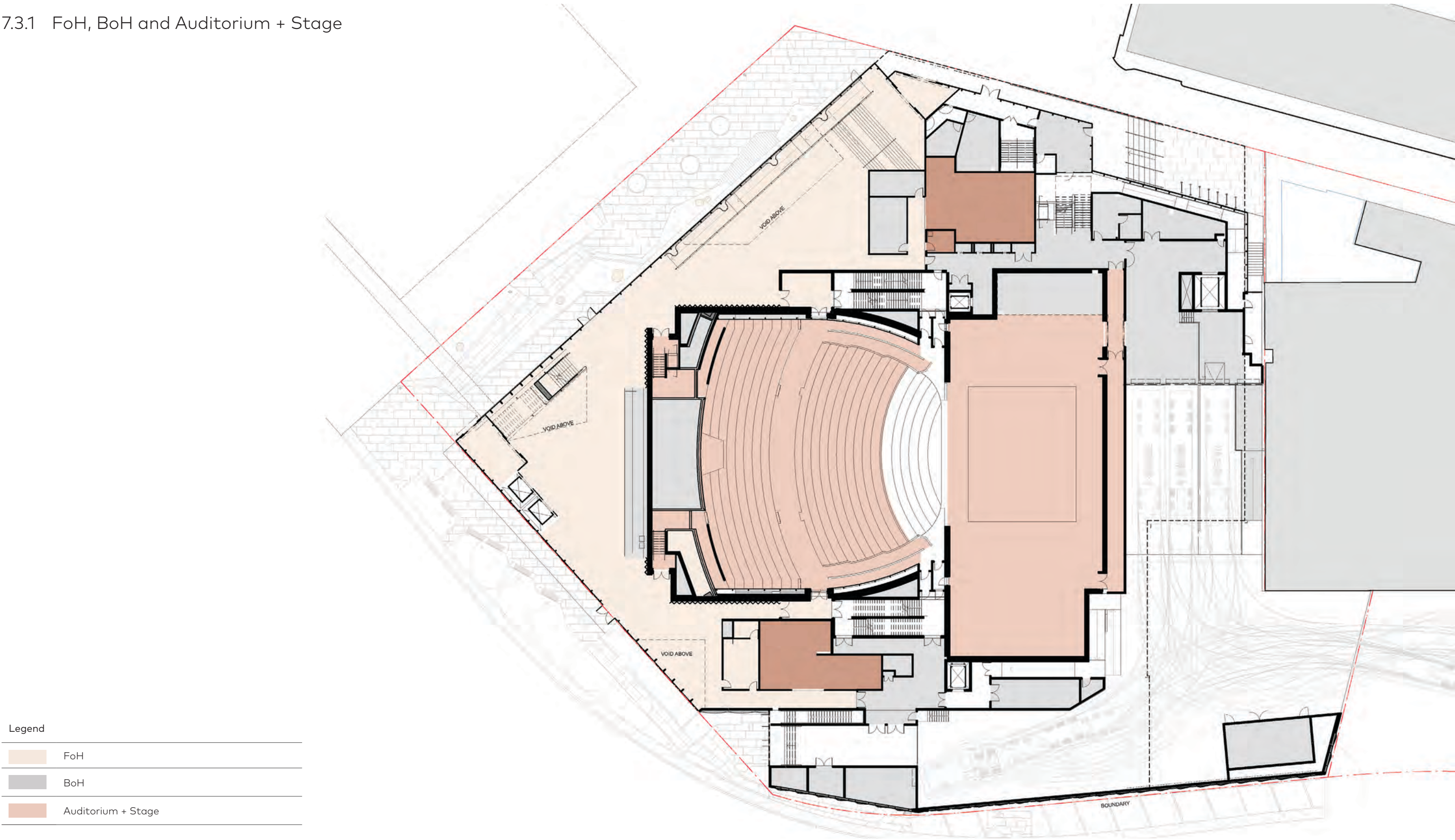


VIEW POSITION ON
GROUND FLOOR PLAN



7.3 Ground Floor

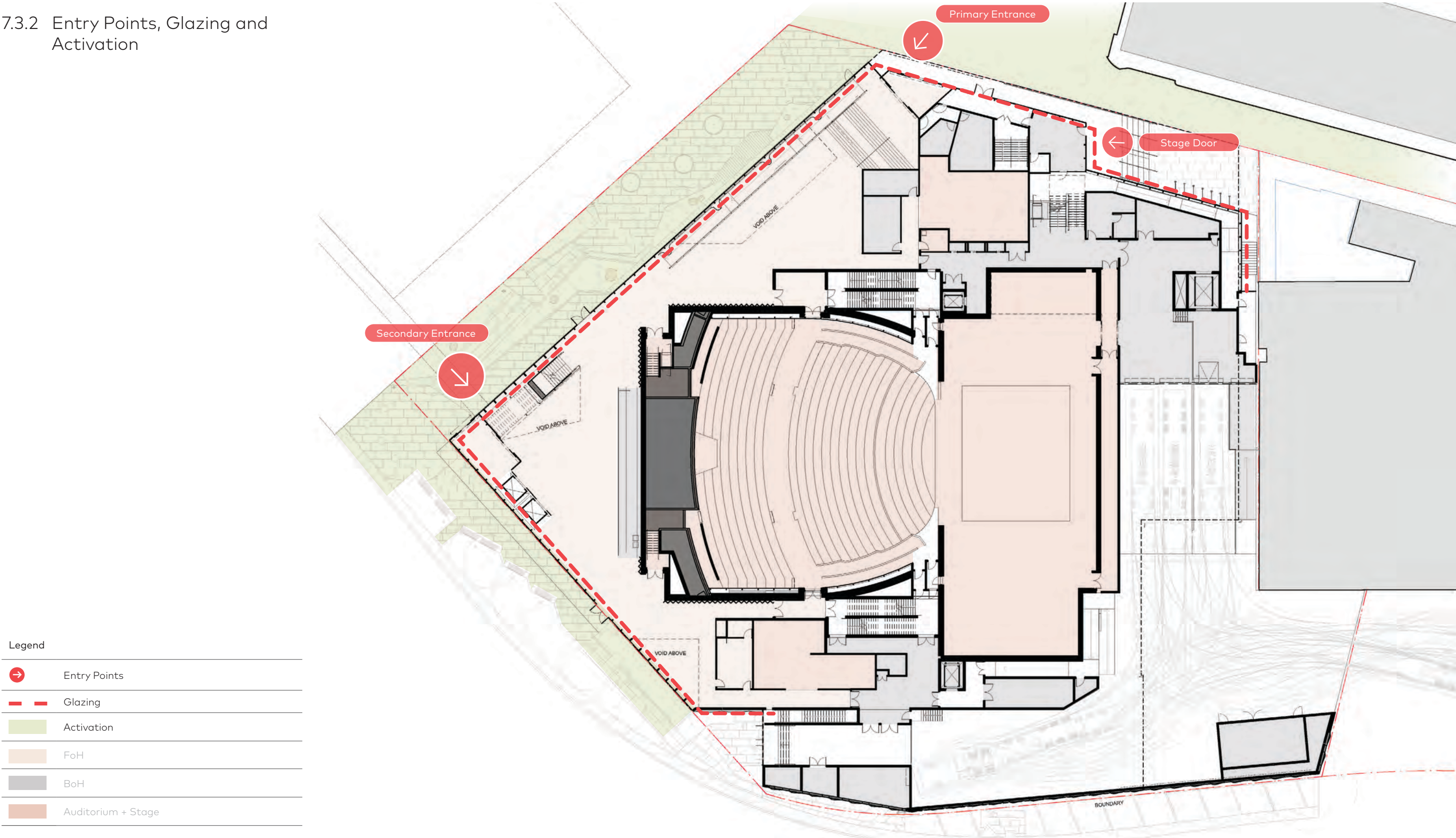
7.3.1 FoH, BoH and Auditorium + Stage



7 Place, Experience & Aesthetics

7.3 Ground Floor

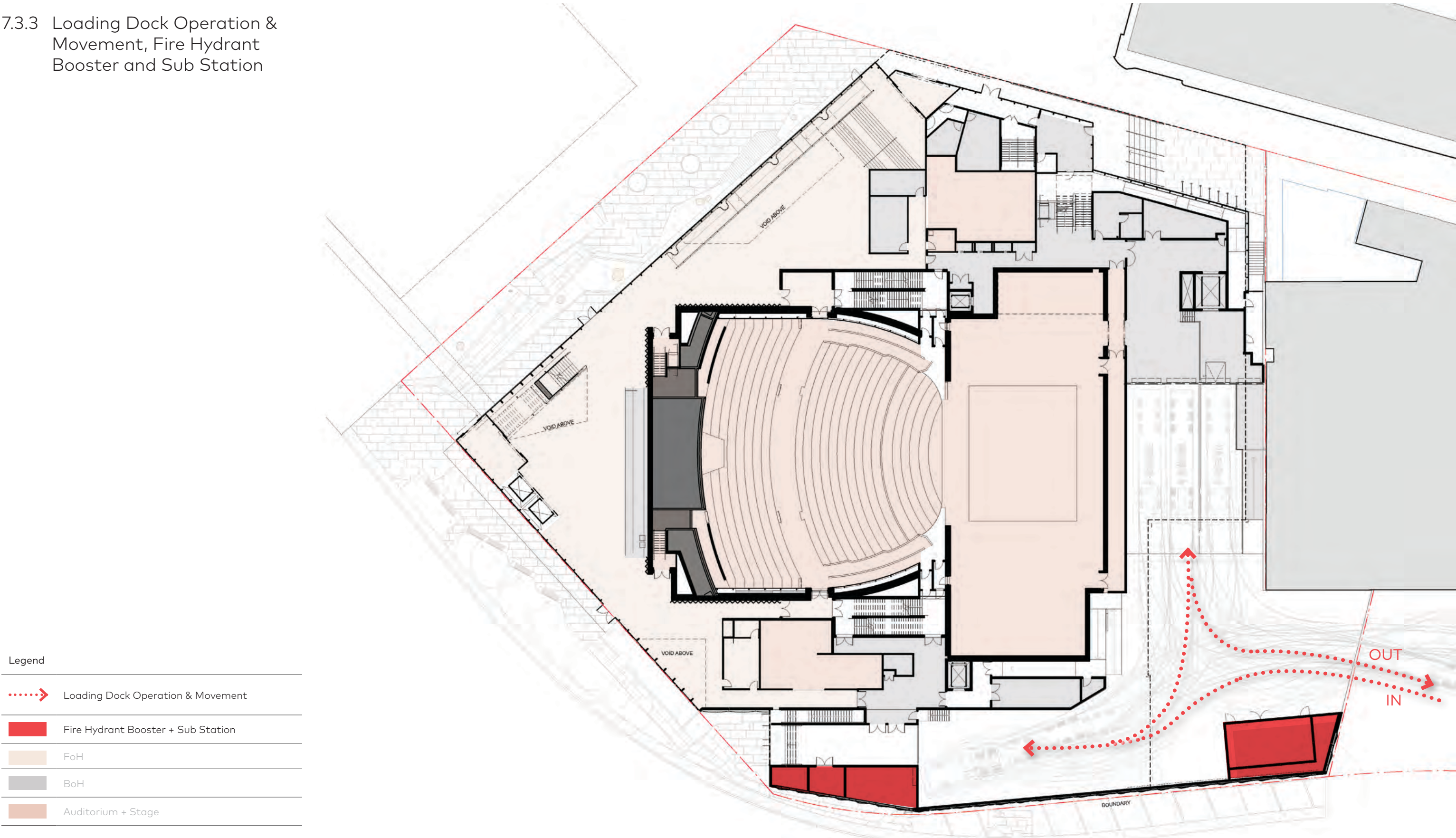
7.3.2 Entry Points, Glazing and Activation



7 Place, Experience & Aesthetics

7.3 Ground Floor

7.3.3 Loading Dock Operation & Movement, Fire Hydrant Booster and Sub Station



Legend

Auditorium Entry

Stairs + Lifts

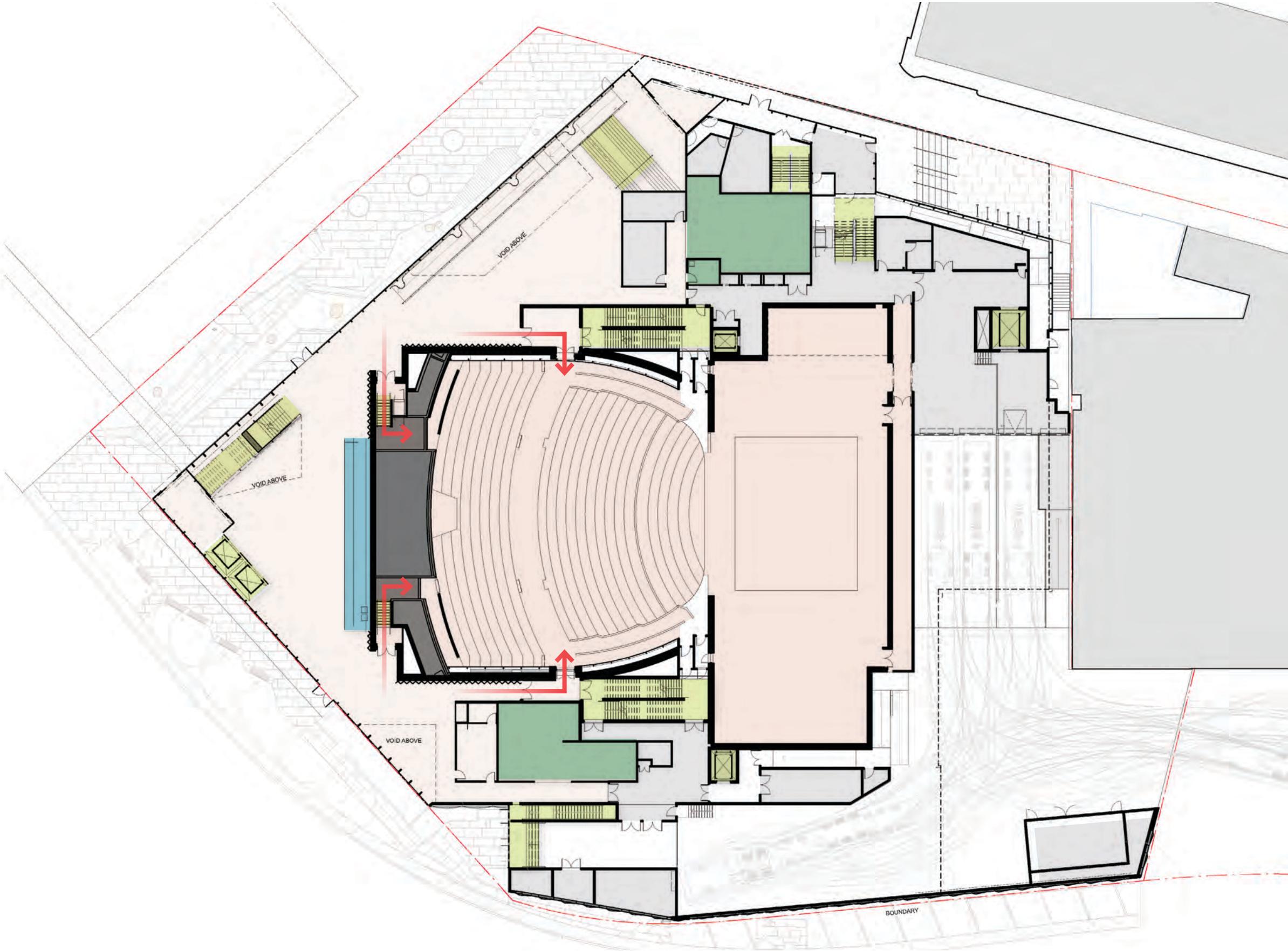
Bar

Toilets

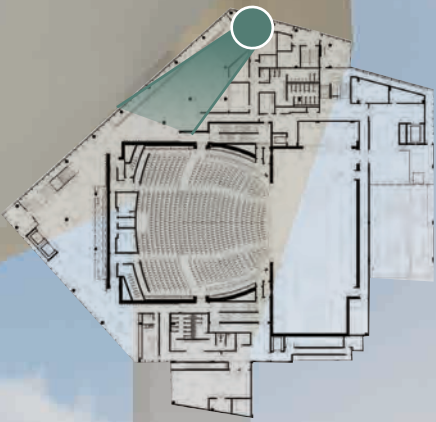
FoH

BoH

Auditorium + Stage








7 Place, Experience & Aesthetics
Main Lobby Space - Ground Floor

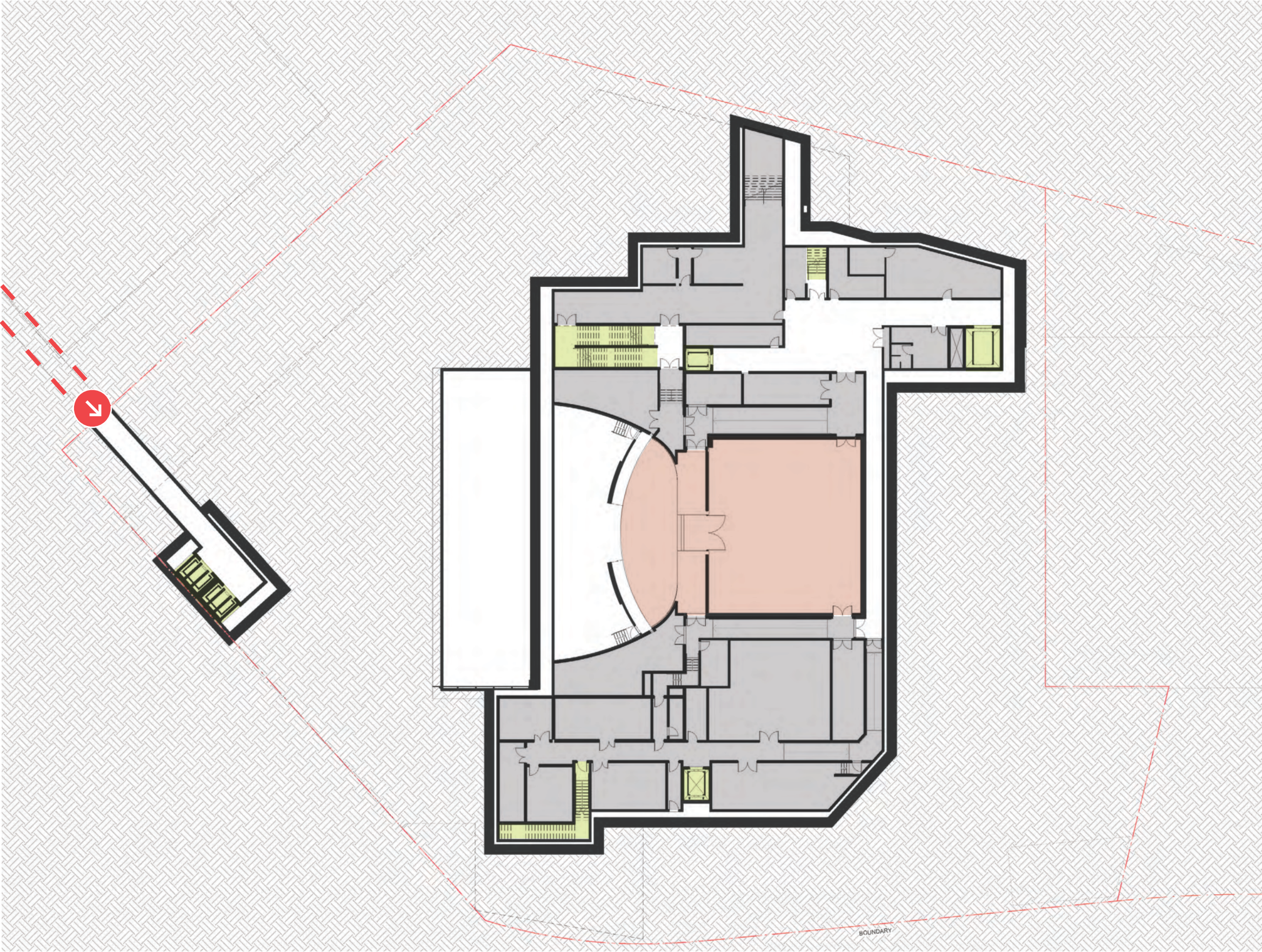


VIEW POSITION ON
GROUND FLOOR PLAN

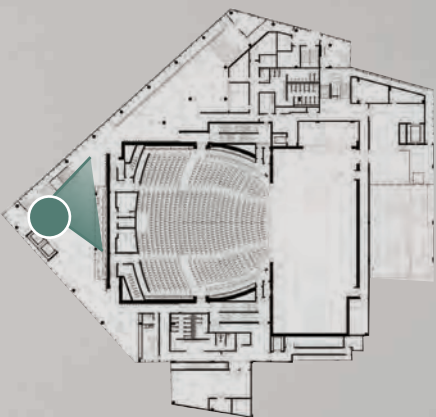


Legend

	Entry Points
	Connection to Future Stage/s
	Lifts + Stairs
	BoH
	Auditorium + Stage



7 Place, Experience & Aesthetics
Ground Floor Foyer

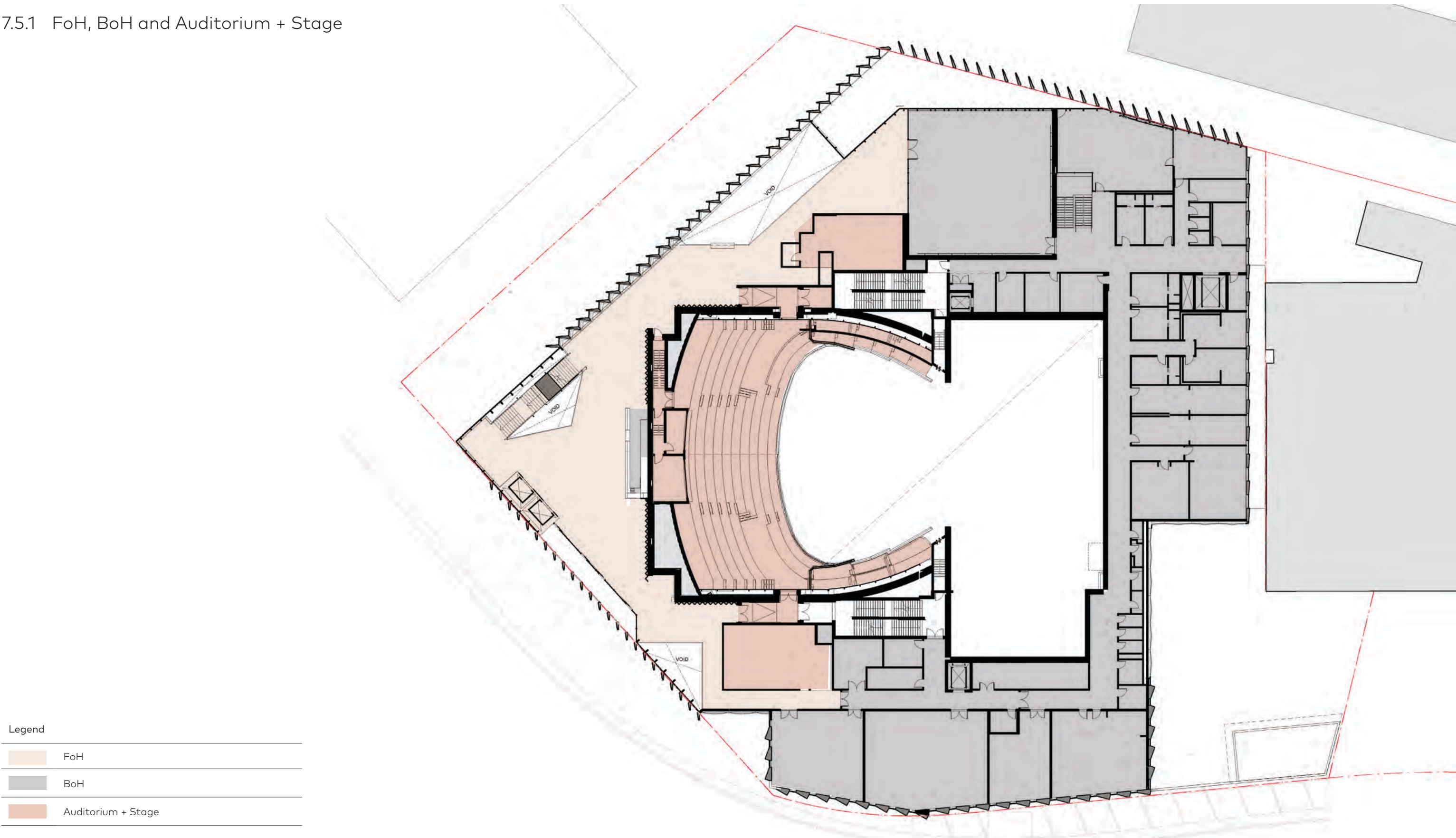


VIEW POSITION ON
GROUND FLOOR PLAN



7.5 Level 1

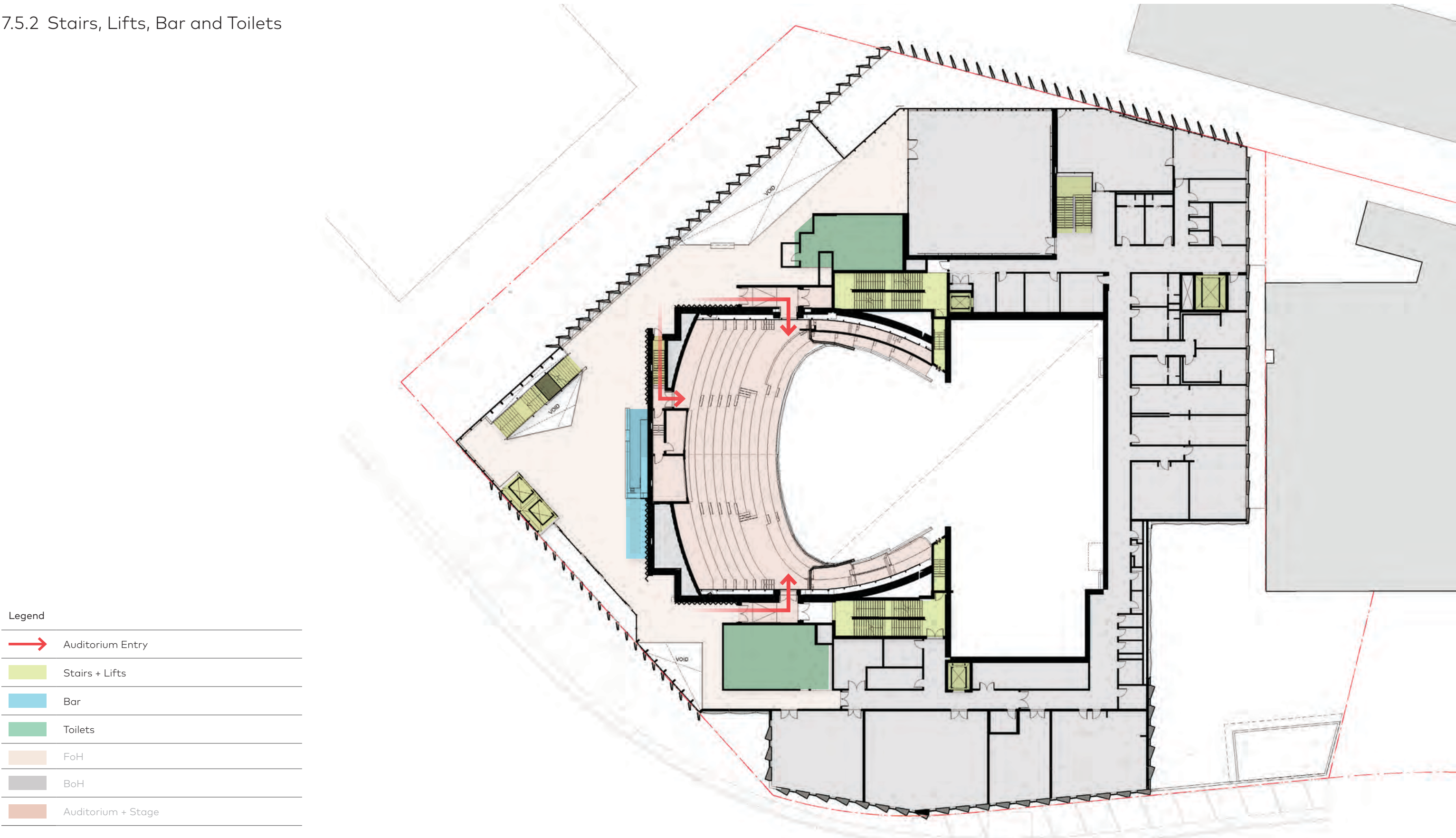
7.5.1 FoH, BoH and Auditorium + Stage



7 Place, Experience & Aesthetics

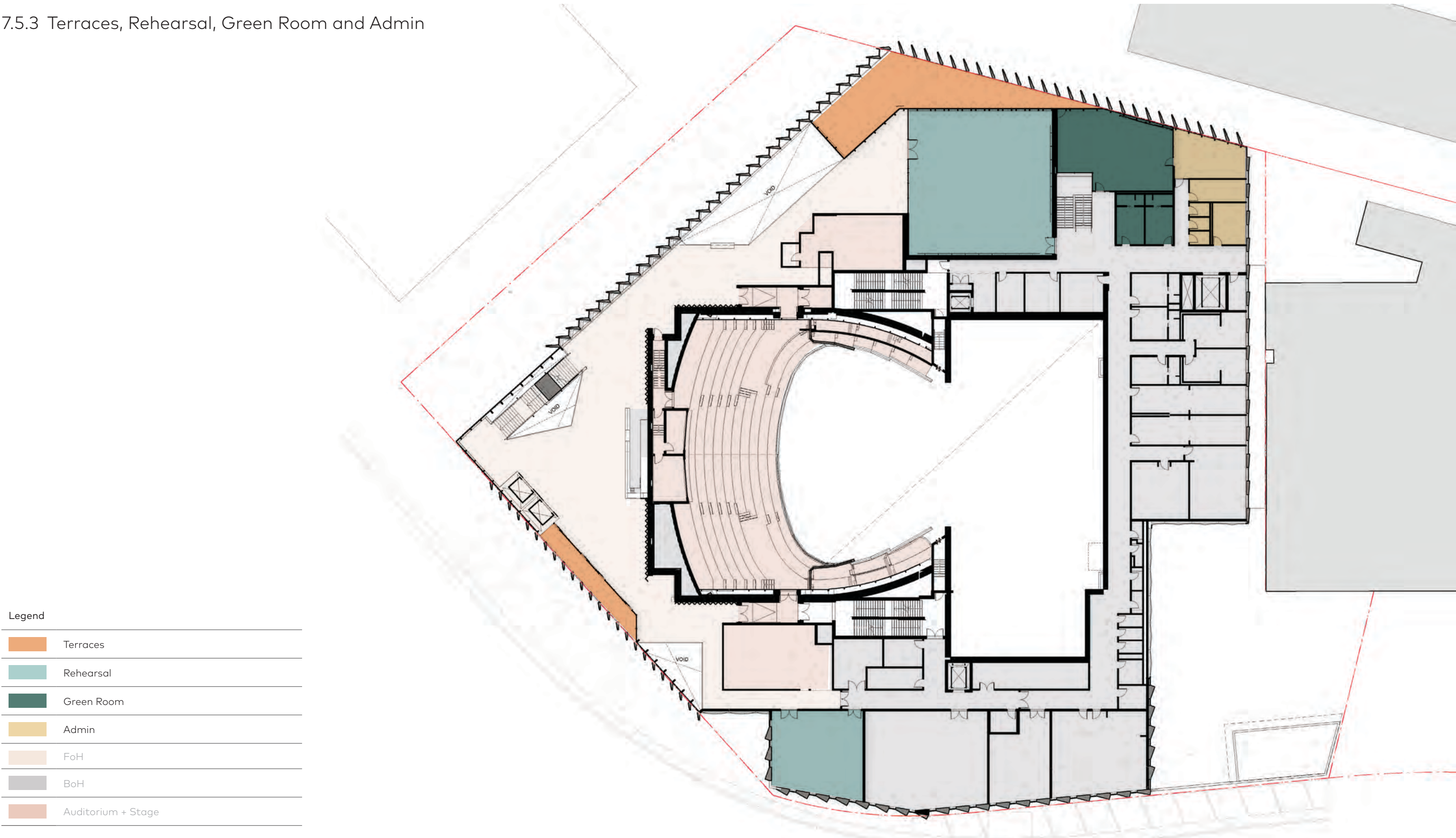
7.5 Level 1

7.5.2 Stairs, Lifts, Bar and Toilets

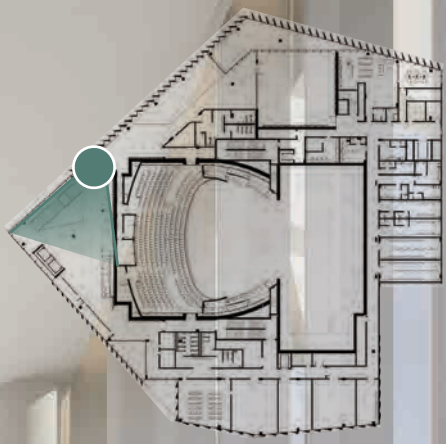


7.5 Level 1

7.5.3 Terraces, Rehearsal, Green Room and Admin



(6) Place, Experience & Aesthetics
Level 1 Foyer



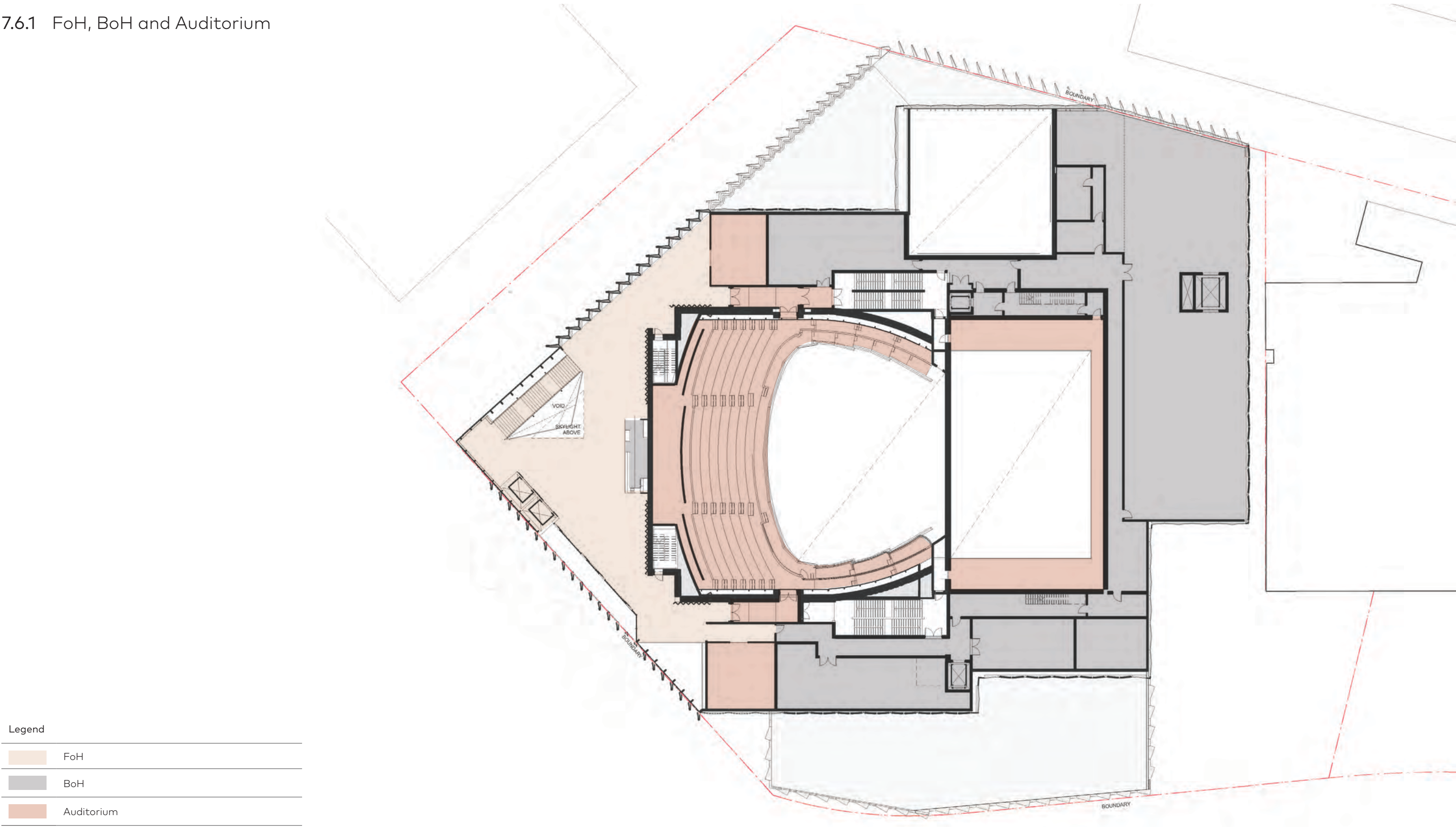
VIEW POSITION ON
LEVEL 1 PLAN



7 Place, Experience & Aesthetics

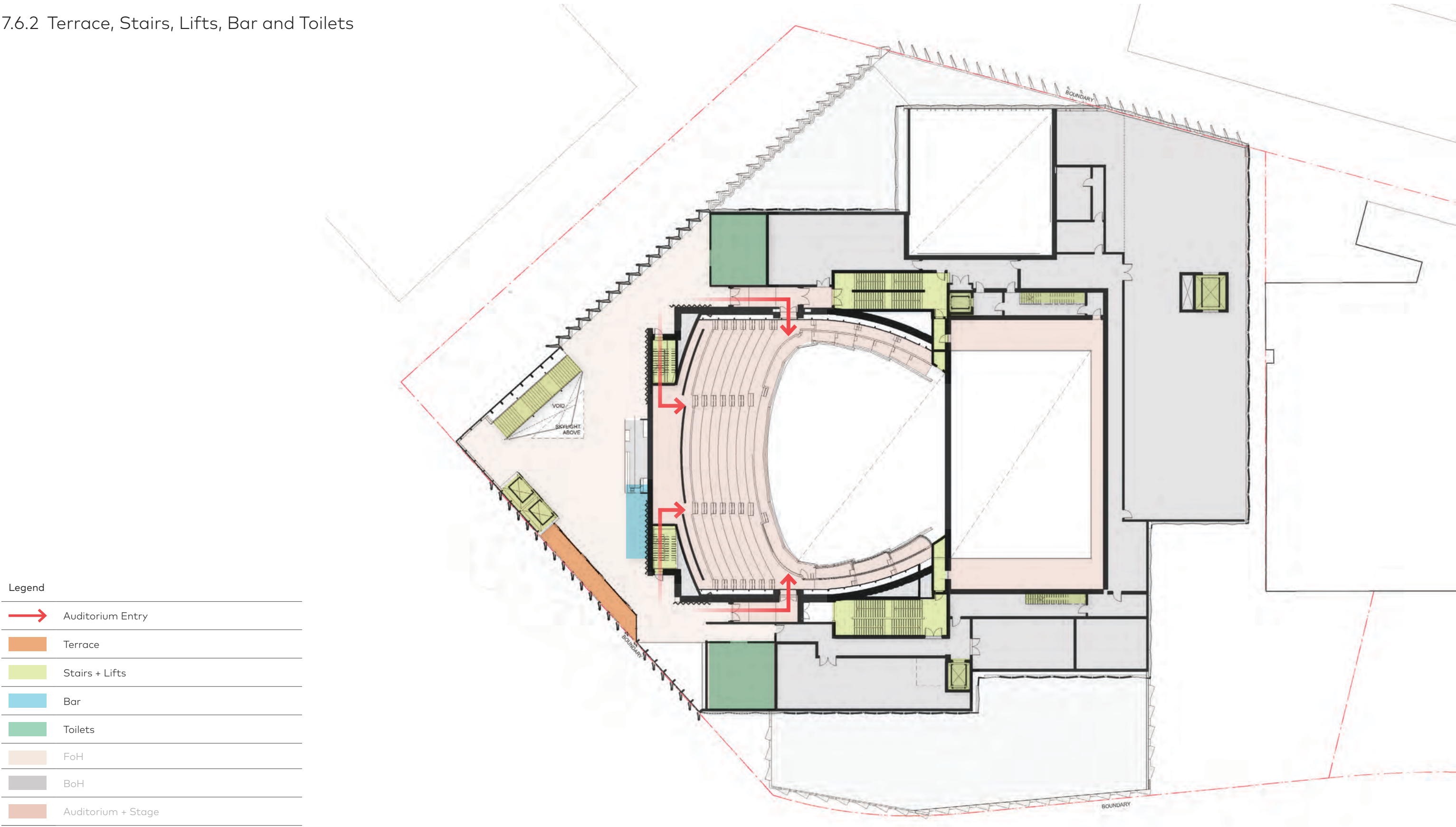
7.6 Level 2

7.6.1 FoH, BoH and Auditorium

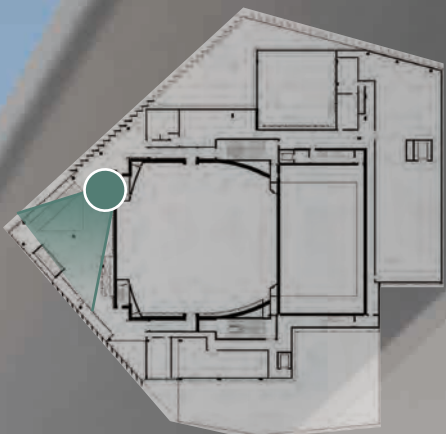


7.6 Level 2

7.6.2 Terrace, Stairs, Lifts, Bar and Toilets



7 Place, Experience & Aesthetics
Level 2 Foyer



VIEW POSITION ON
LEVEL 2 PLAN



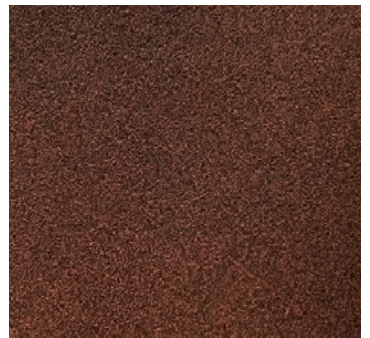
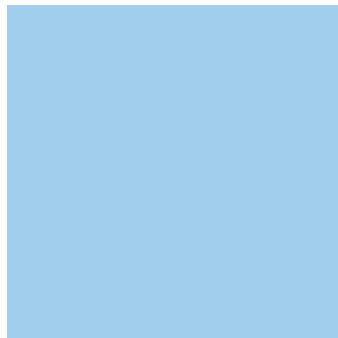
*A gradient of cool
to warm to reflect
seasonal transitions*

The foyers of the Canberra Lyric Theatre unfold as a gradient grounded in the geology of Country—layered, open, and porous. Natural stone textures underfoot speak to the limestone foundations of the region, while the architecture opens outward through carefully framed apertures that reveal City Hill, Black Mountain, and the distant Brindabellas. Light enters from above through skylights, shifting across surfaces and connecting visitors to Sky Country throughout the day. At the heart of this experience, a sculptural stair rises as a central gesture—both anchor and ascent—its form and palette drawn from the vibrant mineral tones of ochre and clay, inviting movement, gathering, and reflection.

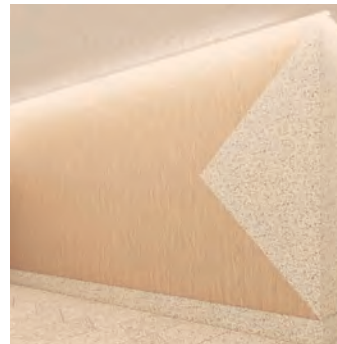
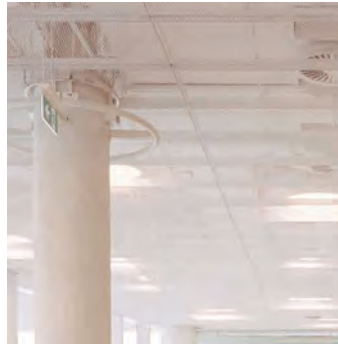
Inspiration
of Country



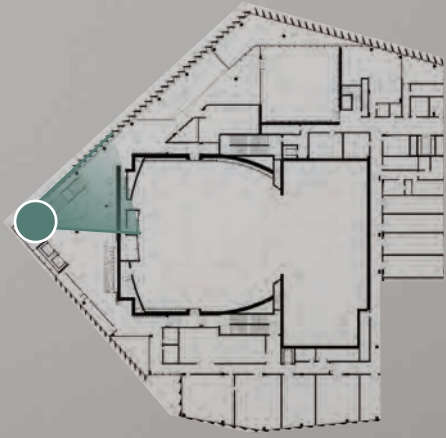
Colour/
Texture
Presence



Sensory
Experience



7 Place, Experience & Aesthetics
Level 1 Stair View



VIEW POSITION ON
LEVEL 1 PLAN



7.8 Auditorium

7.8.1 Material Narrative + References

A gradient of folded apertures and light play drawn from the deep folds of Country. The land holds time in folds and ridgelines - a gently rippling surface echoes the slow strata of topography over time. Through textured skin, and veins of ochre thread embedding mineral memory.

The auditorium design centres around a dual focus: acoustic precision and material storytelling inspired by Country. The palette, while precise, marries technical performance with a tactile atmospheric depth. Materials and textures delight upon close discovery. An acoustic diffusive lightweight wall with motorised dual toned fabric banners respond to acoustic criteria to address the predominant musical and cabaret mode.

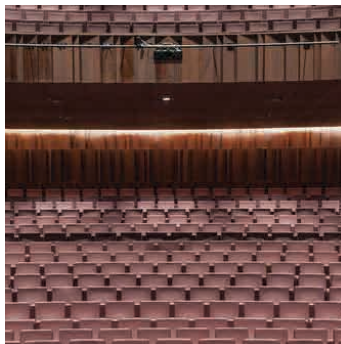
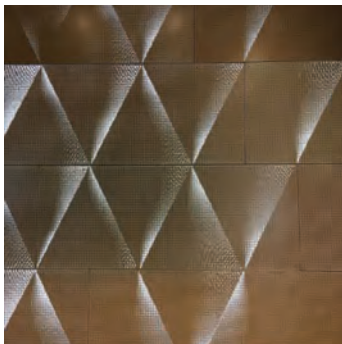
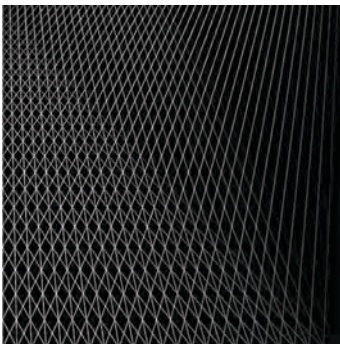
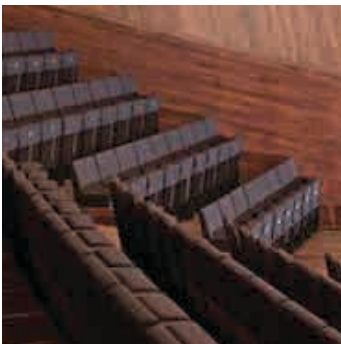
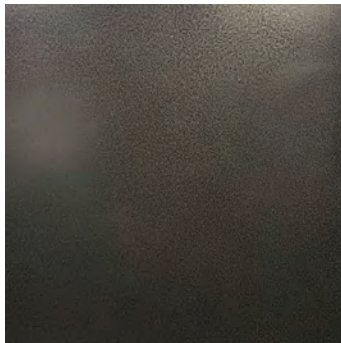
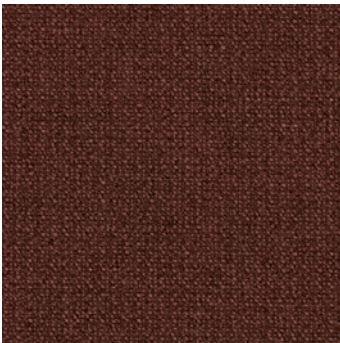
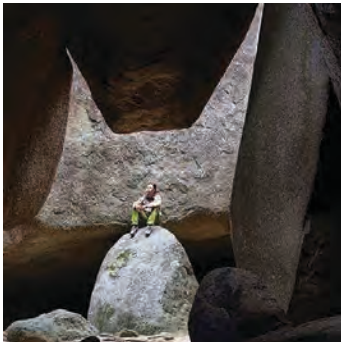
Masking over these elements, a lightweight mesh acts as a contemporary veil, evoking the interlacing of Country, culture and performance. Echoing the folded ridgelines of the mountainous topography of First Nations country, it's transparency allows light and sound to filter through, creating a liminal skin between the audience and the architecture. A woven spectrum of ochre tones drawn from the earth itself like the face of a weathered rock, shifts from deep reddish purples to soft umbers, embedding the mineral memory of Country. Each seat becomes a thread in a wider weave, echoing rhythms, ceremony.

Inspiration of Country



Colour/Texture Presence

Sensory Experience





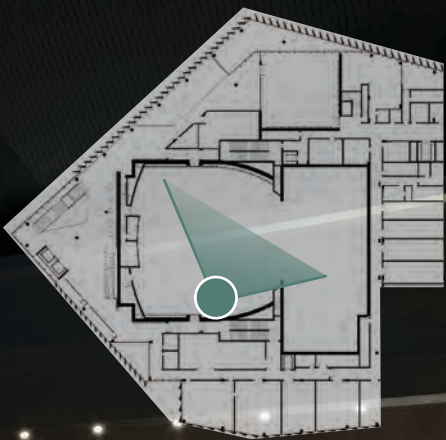
VIEW POSITION ON
GROUND FLOOR PLAN 



7 Place, Experience & Aesthetics

7.8 Auditorium

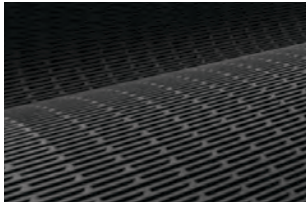
7.8.3 Material Palette



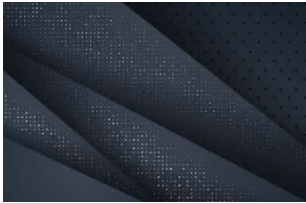
VIEW POSITION ON
LEVEL 1 PLAN



Textured Metalwork



Acoustic Transparent
Veil



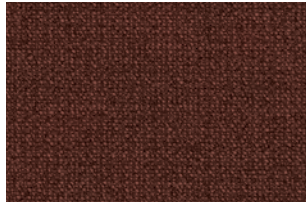
Folded Panels



Ochre Tone Pattern



Ochre Toned Fabric



Ochre Toned Fabric



Timber Veneer Panel



Painted Plasterboard



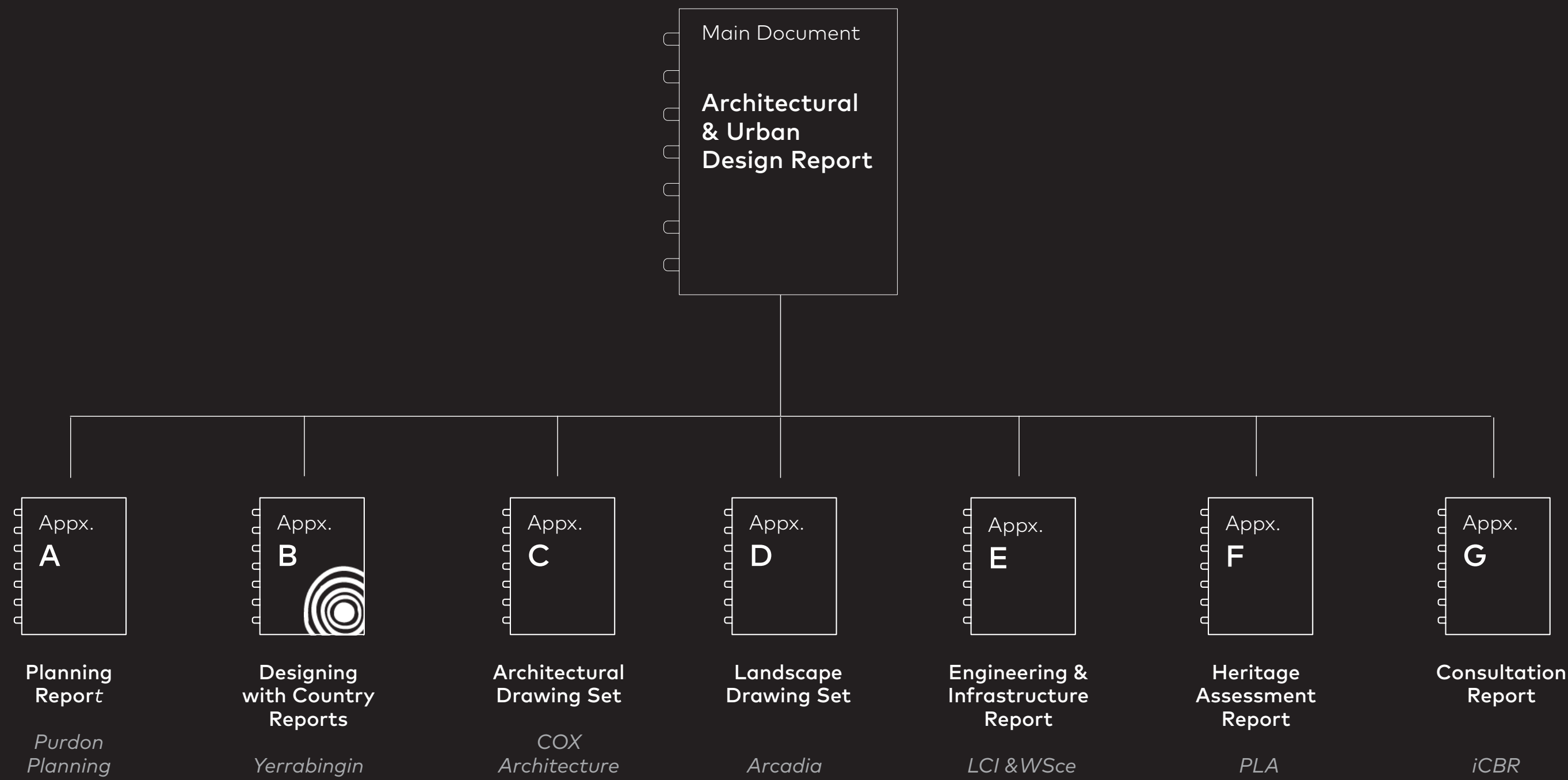
Carpet Flooring

Canberra Lyric Theatre Architectural & Urban Design Report

VIEW: LYRIC THEATRE WEST ENTRANCE



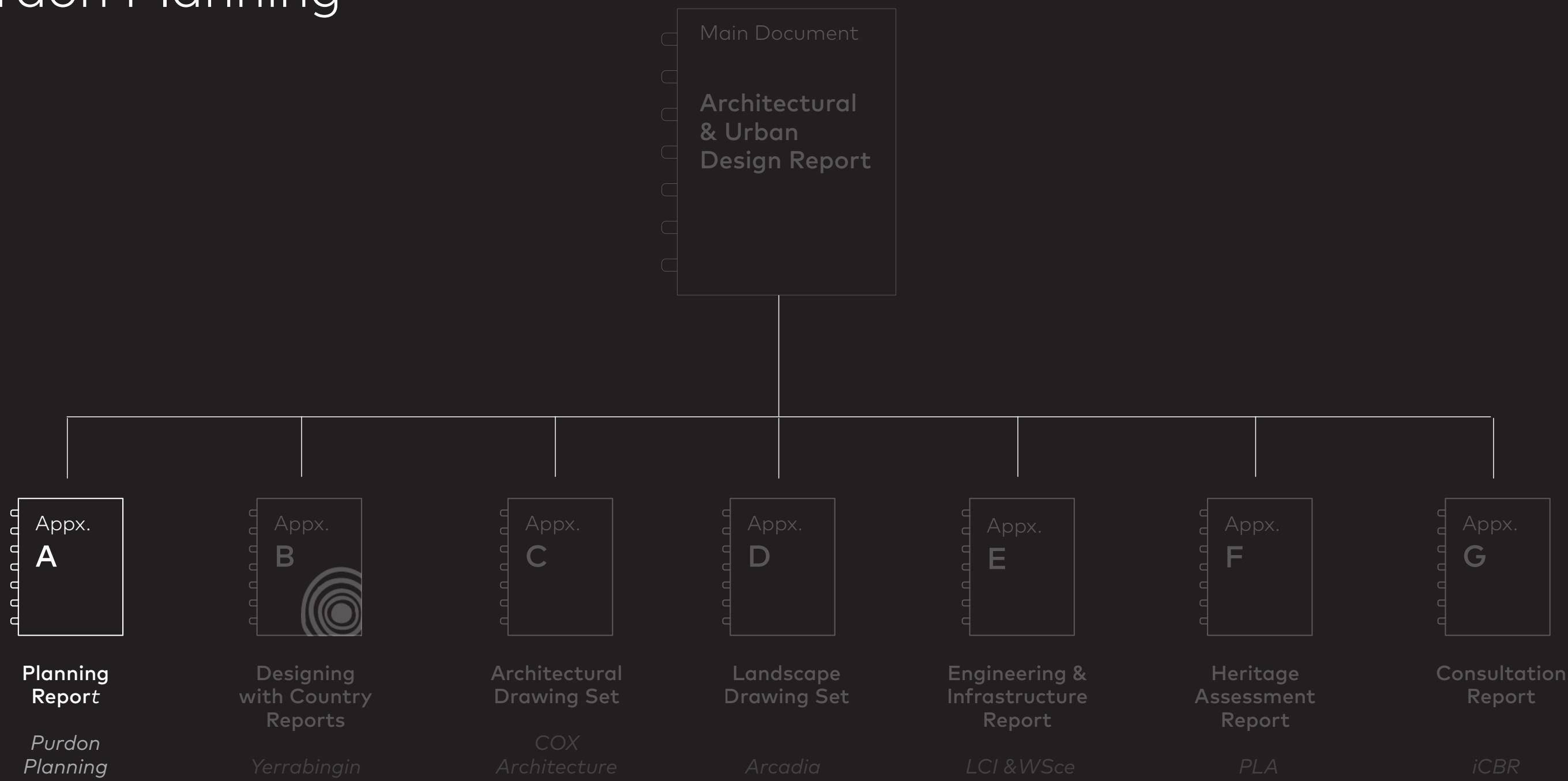
Appendix.



Appendix A

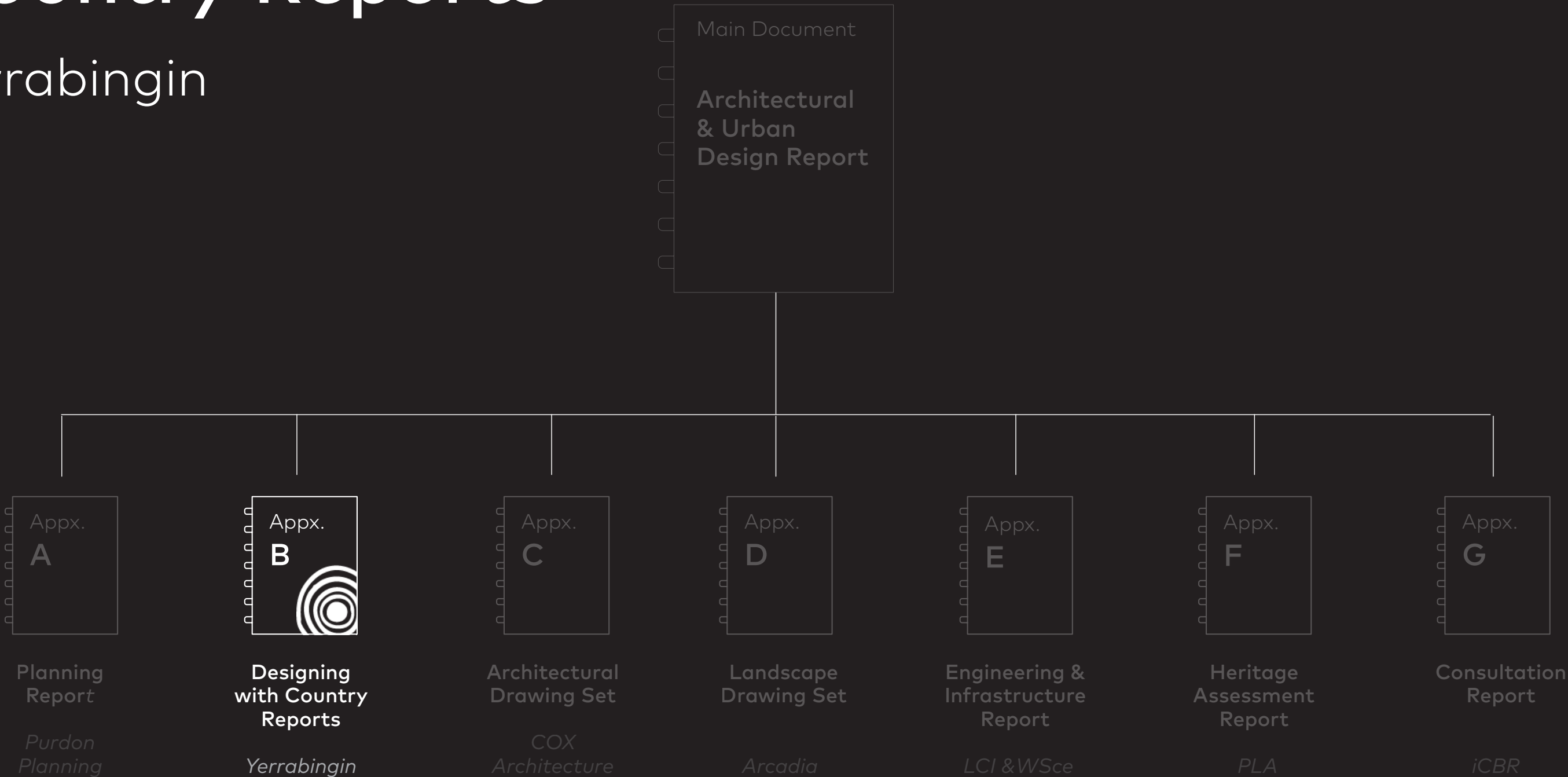
Planning Report

Purdon Planning



Designing with Country Reports

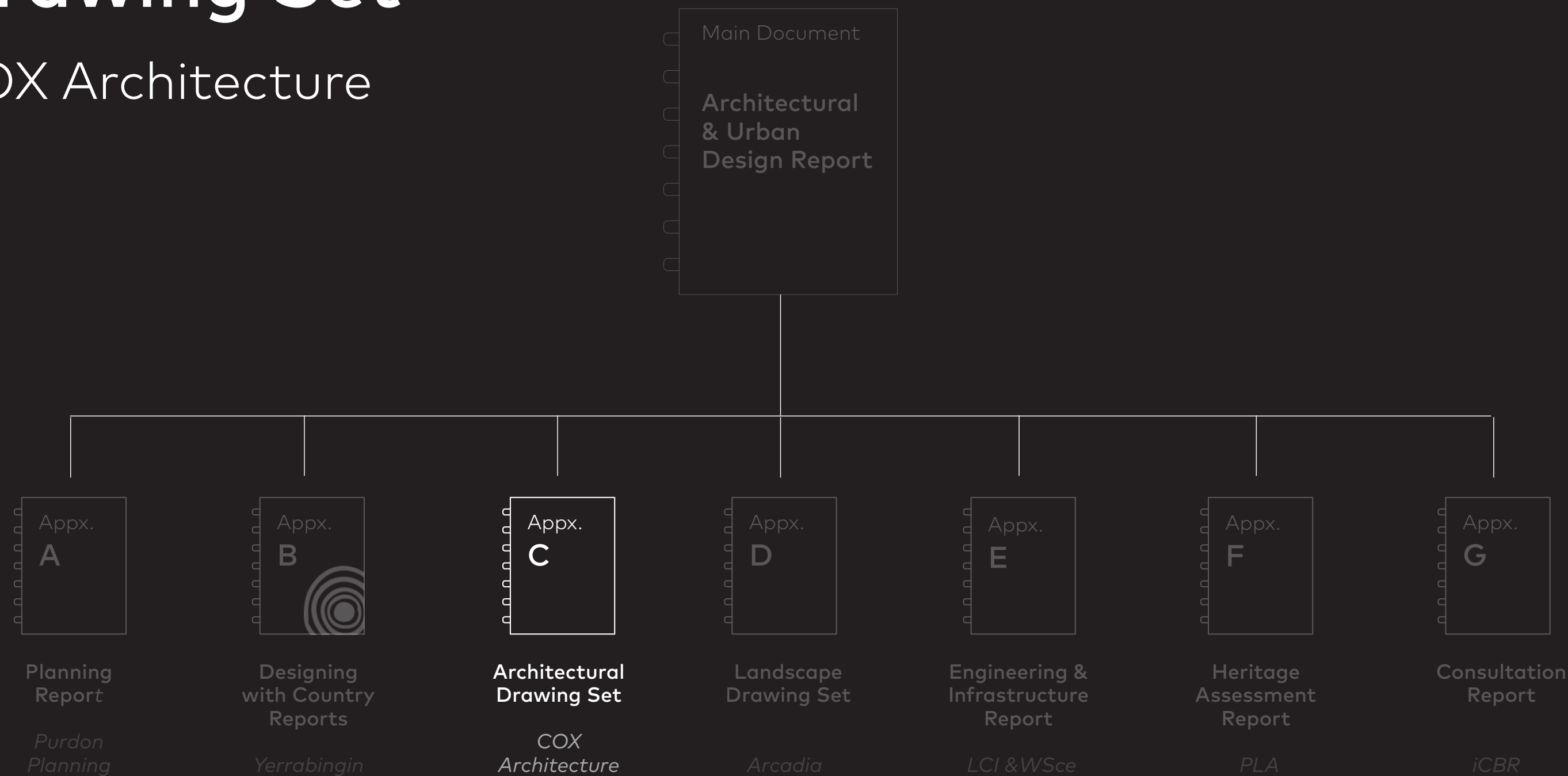
Yerrabingin



Appendix C

Architectural Drawing Set

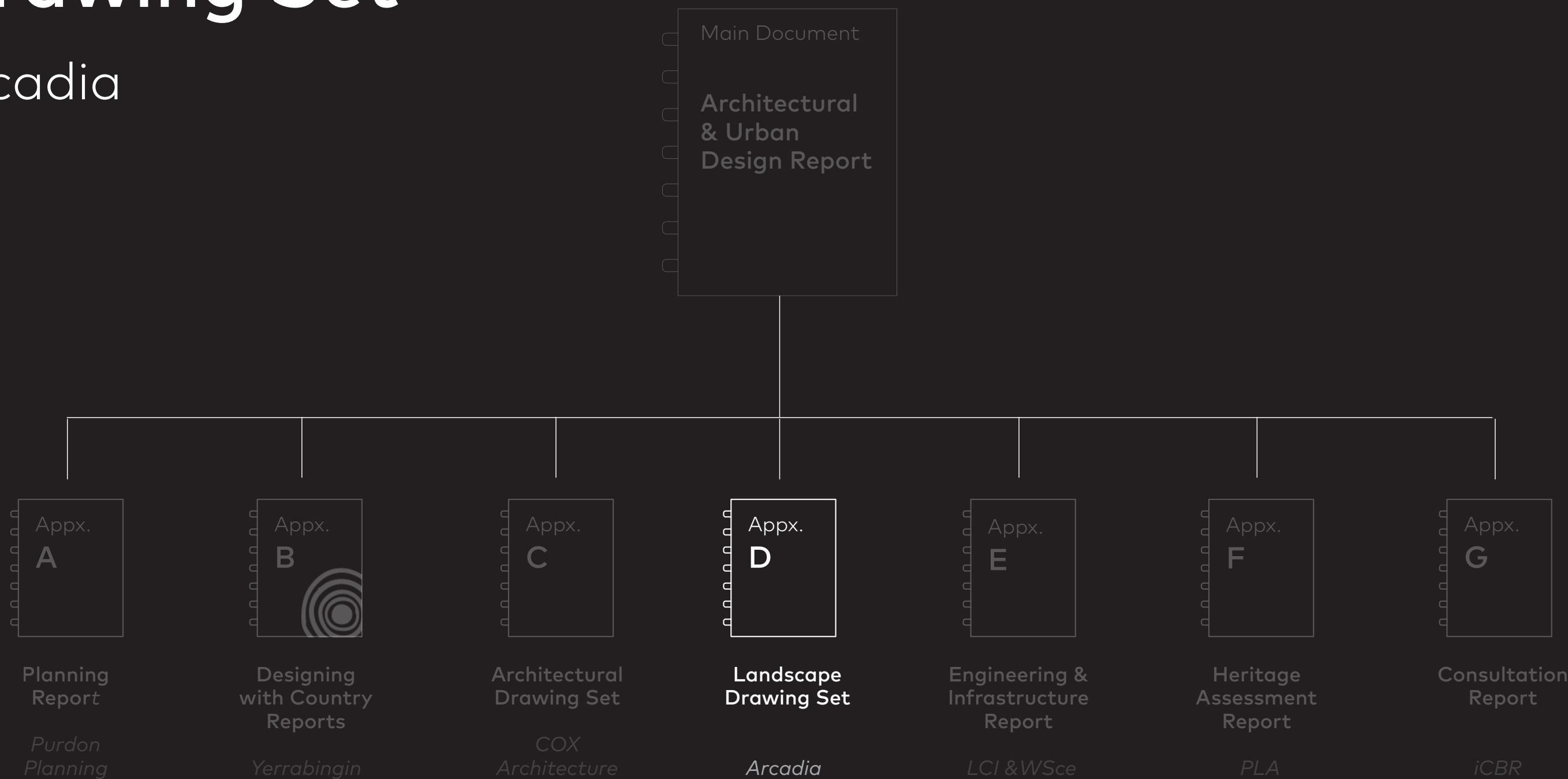
COX Architecture



Appendix D

Landscape Drawing Set

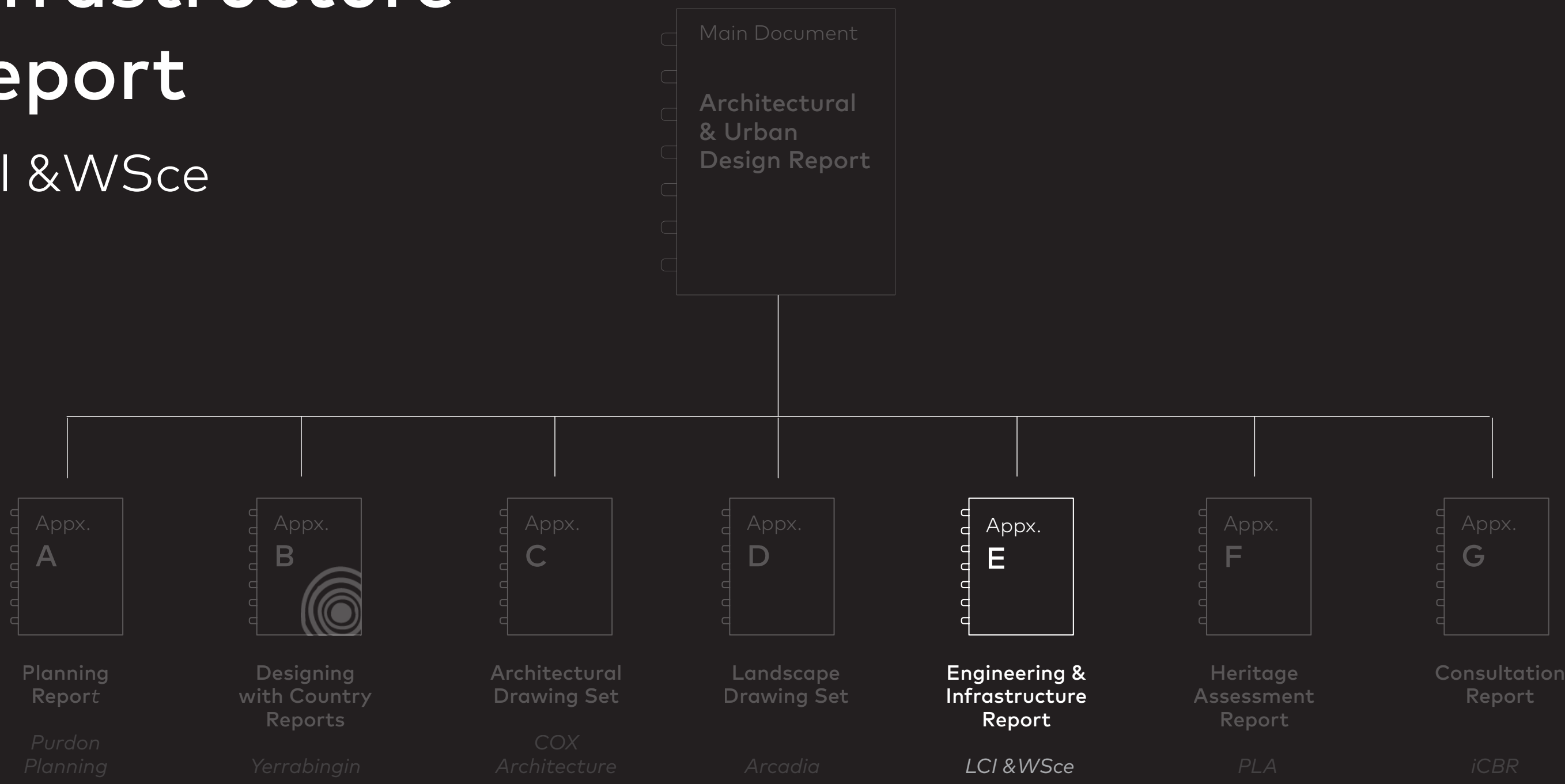
Arcadia



Appendix E

Engineering & Infrastructure Report

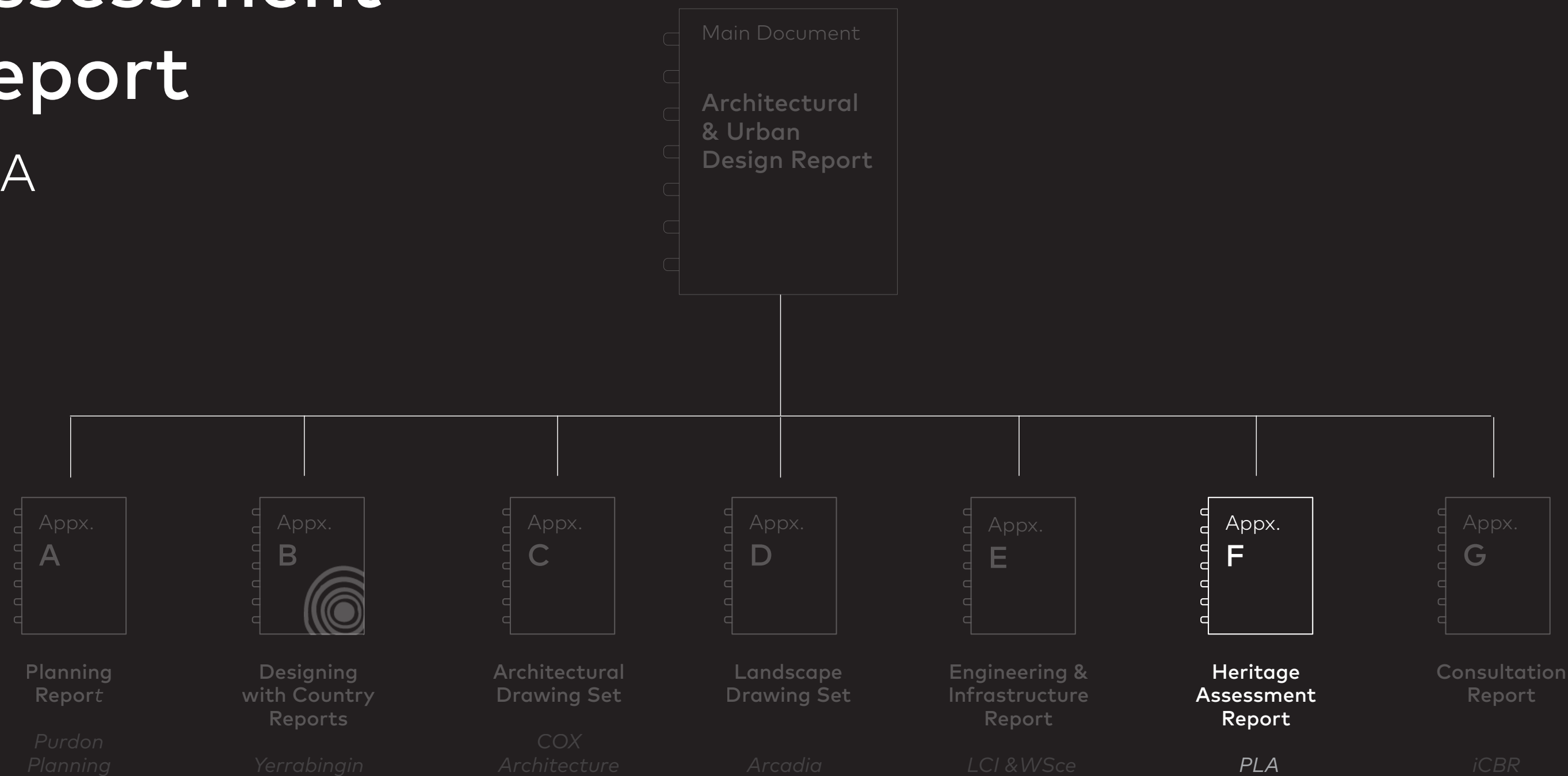
LCI & WScE



Appendix F

Heritage Assessment Report

PLA



Appendix G

Consultation Report

iCBR

