

NDYLIGHT

L I G H T I N G D E S I G N

Burwood Place

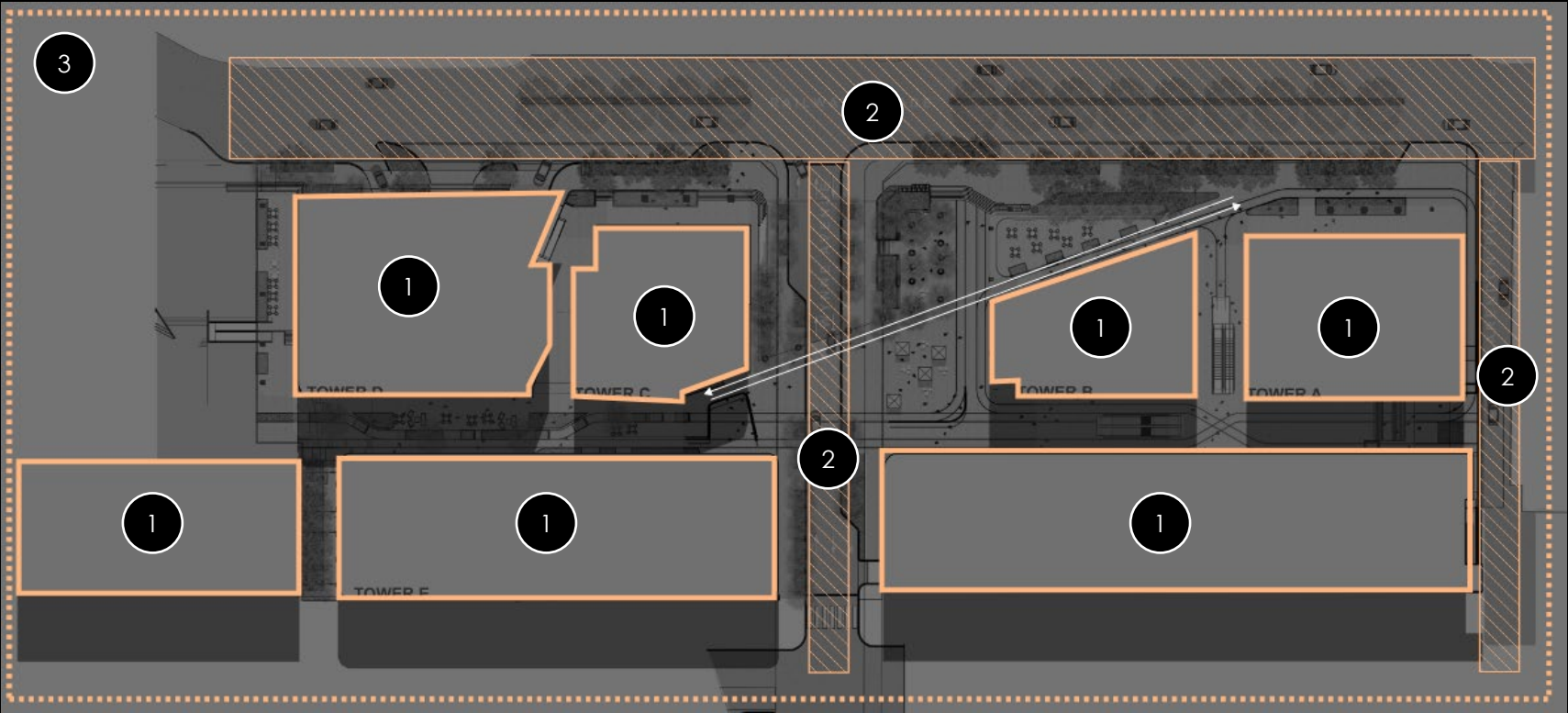
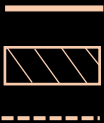
Lighting Design Concept – Exterior and Interior Lighting Design

Draft Subject to Design and
Construction Development

Exterior Lighting Impact Considerations

Key sensitive receptors

- 1. Residents in residential towers and zoning – Veiling luminance and illuminance
- 2. Vehicles and pedestrians – Threshold increments, lighting discomfort
- 3. Upward Waste Light – ULOR light pollution medium district brightness zone
- 4. Pre-Curfew and Curfew lighting timeclock control



Public Pathways and Connections - Lighting Look and Feel

Key Lighting Principles:

1. Provide for a warm, inviting and captivating night-time atmosphere at the ground plane to invite people in
2. Integrated dynamic and thematic lighting features to create focal points, interactive wayfinding and to encourage interaction
3. Support Burwood Plaza's branding and identity as a key destination for the Burwood and surrounding suburbs
4. Provide lighting for safety, comfort and security for wayfinding throughout the plaza and connections
5. Layering of light to highlight texture, materiality and feature elements for ambient lighting comfort
6. Discreet use of luminaires for a high comfort lighting solution.
7. Flexible lighting system to align with a variety of operational and functional requirements.

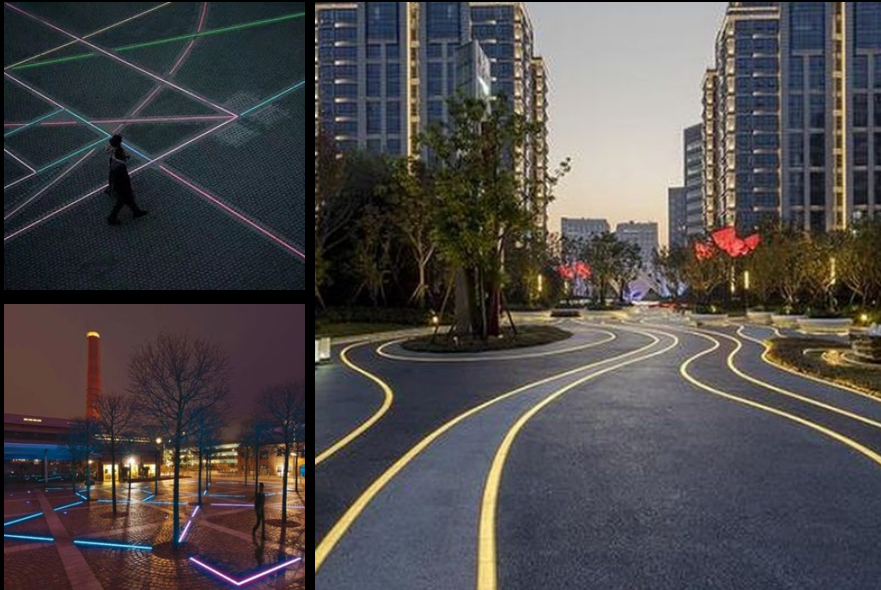


Public Connection – Ground Feature Lighting

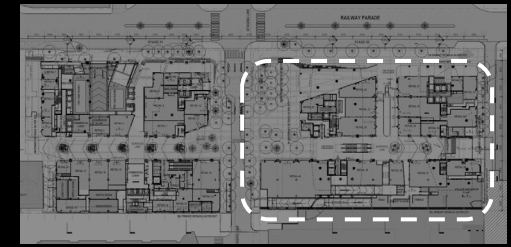
INGROUND LIGHTING – OPTION 1 GLOWING CONTINUOUS LIGHTS

Dynamic RGBW linear profile integrated in the rails in the flooring to establish a thoroughfare through site. Exact location to be coordinated with the landscape layout.

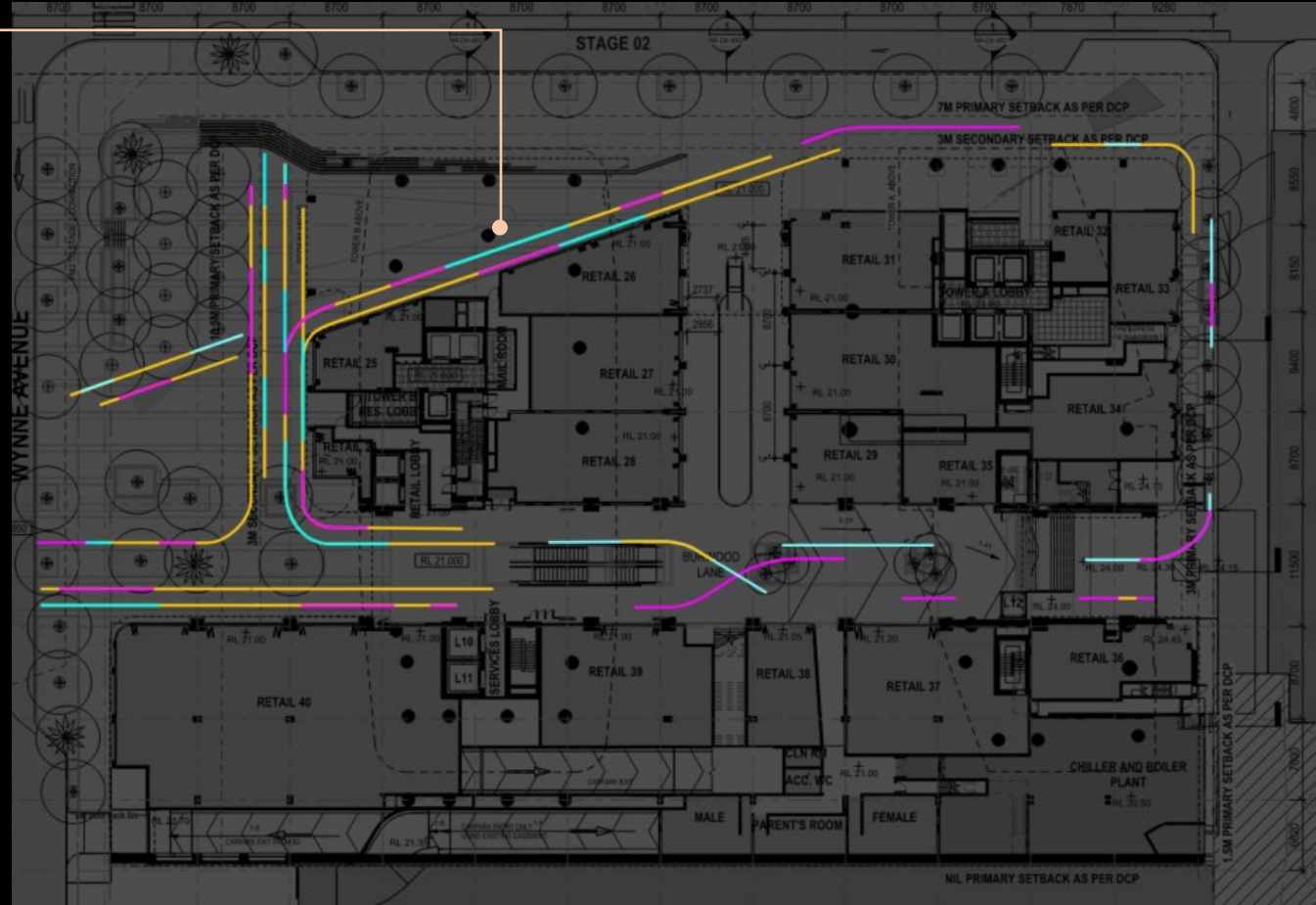
Profile to have various dynamic chase scenes to reflect movement of people at evening and night. Profile to continue into Burwood Lane (West) to establish connection throughout the laneways.



Reference Images



Site - Key Plan



Lighting Plan

Plaza- Lighting Look & Feel

Key Lighting Principles:

1. Activate the plaza for a warm and exciting night-time experience for visitors and residents
2. Create a key 'anchor point' for meeting and interaction through thematic lighting
3. Integrated dynamic and thematic lighting features to create focal points, interactive wayfinding and to encourage interaction
4. Provide lighting for safety, comfort and security for wayfinding throughout the plaza and connections
5. Flexible lighting system to align with a variety of operational and functional requirements.



Plaza – Low-Level Lighting Look & Feel

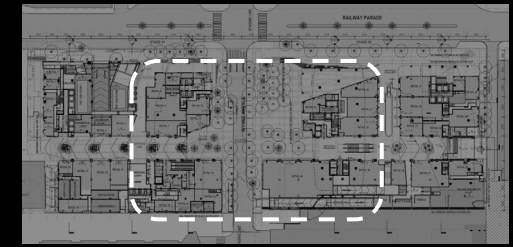
Low light inground uplights around tree trunks and spike mounted spotlights to uplight trees

NOTE : Tree uplighting to be programmed via time clock, to be switched off after hours.

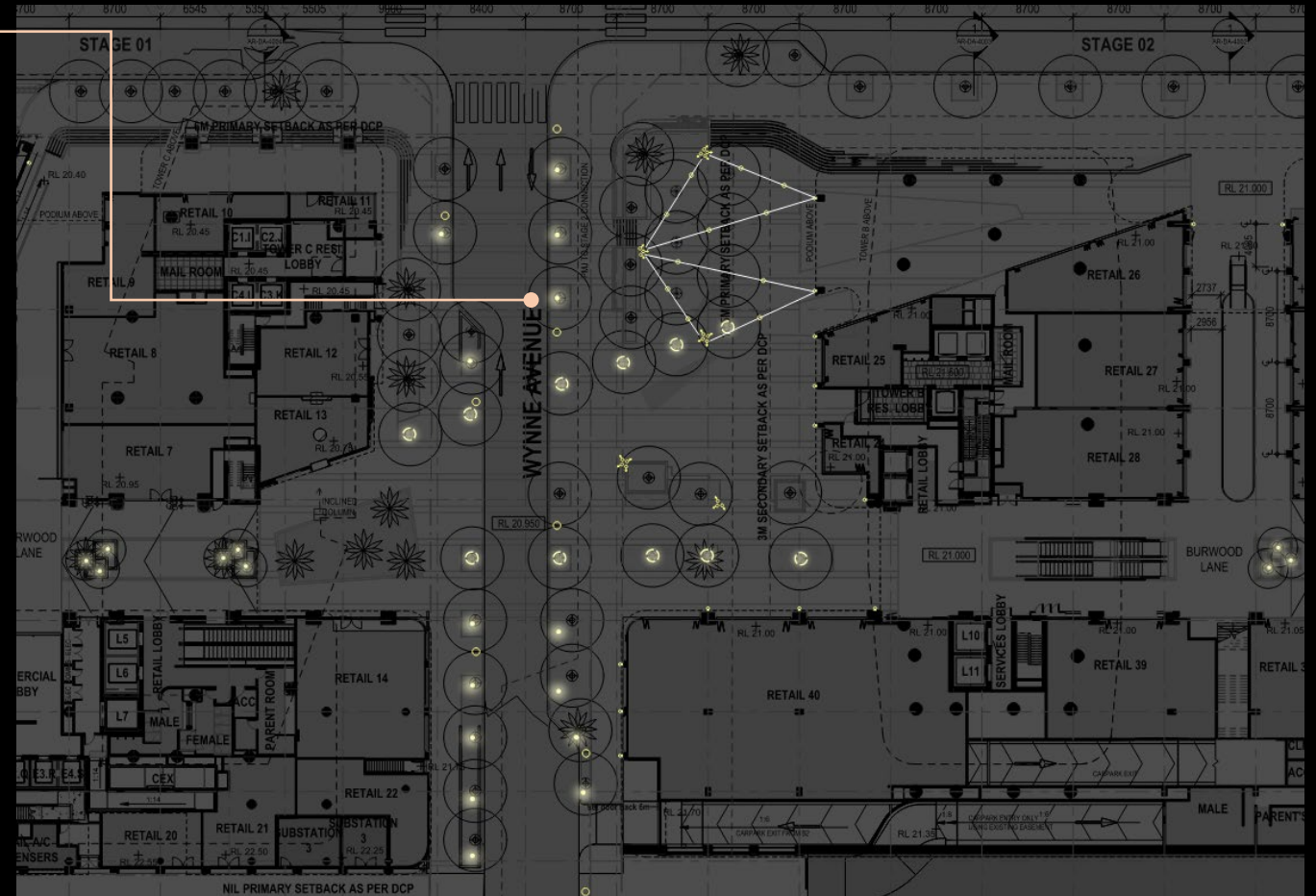
Opportunity to integrate lighting underneath benches and handrails for a low-level ambience. To be further coordinated with landscape layout.



Reference Images



Key Plan



Lighting Plan

Plaza - High Level Lighting Look & Feel

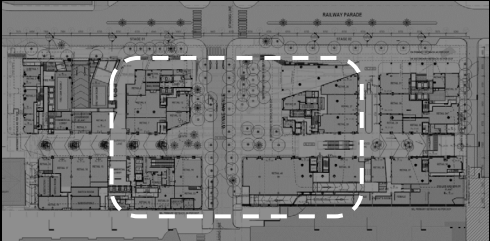
Spotlights mounted on poles and wall lights mounted to the columns for ambient lighting to the plaza.

Pole mounted luminaires for street lighting to Wynne Avenue.

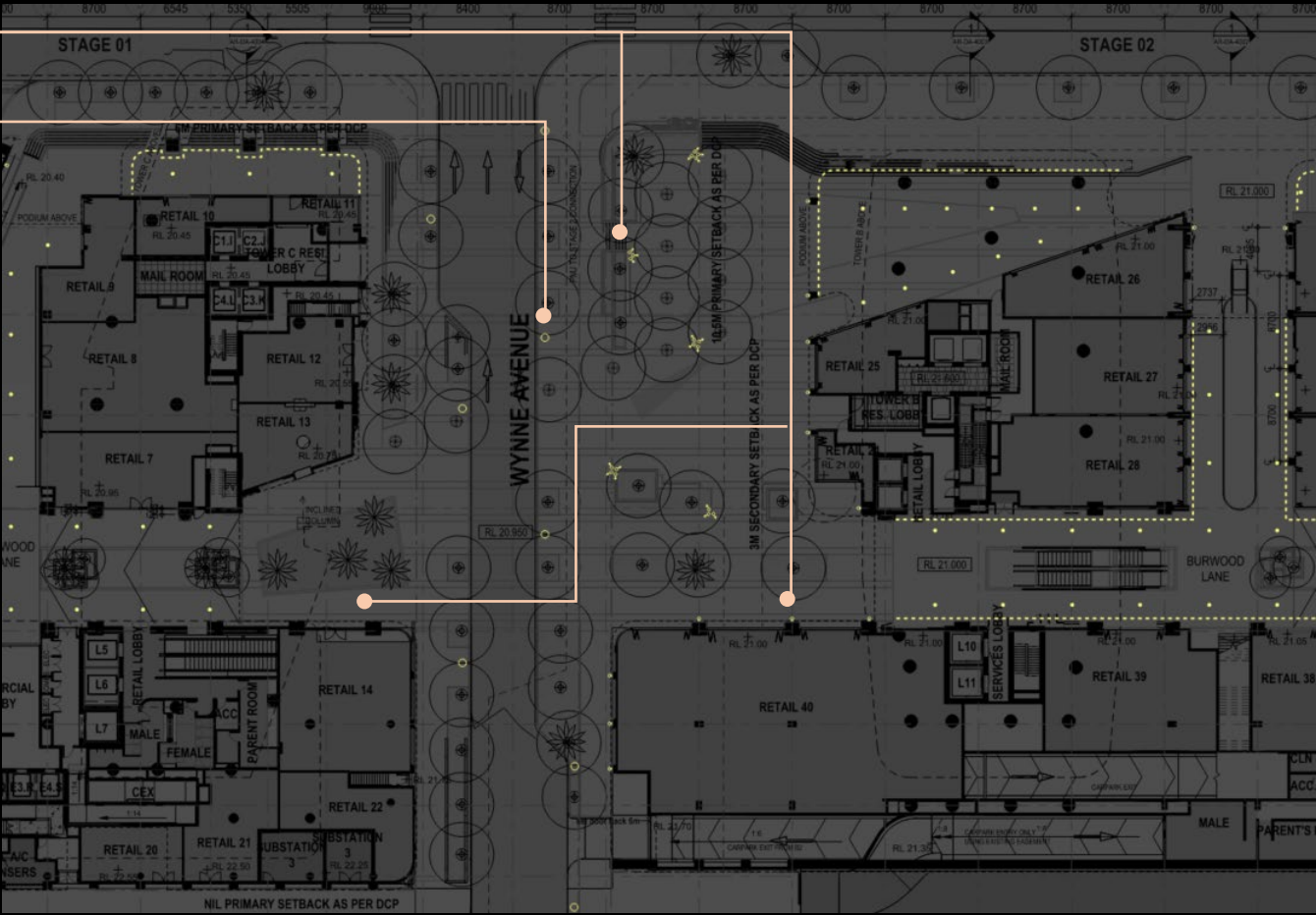
Luminaires and poles to match specification for adjacent Burwood green space.



Reference Images



Key Plan



Lighting Plan

Block 2 - Burwood Lane Lighting Look and Feel

1. Feature lighting within the paving track inlays and diffused backlit ETFE awning to provide a synchronised lighting effect.
2. Provide for a safe, comfortable and inviting atmosphere to encourage people to interact with the exterior spaces and precinct.
2. Linear profiles integrated into architectural features to provide high comfort ambient lighting.
3. Lighting to stimulate increased night-time use of space and safe movement.
4. Flexible lighting system to align with a variety of operational requirements.



Block 2 - Burwood Lane

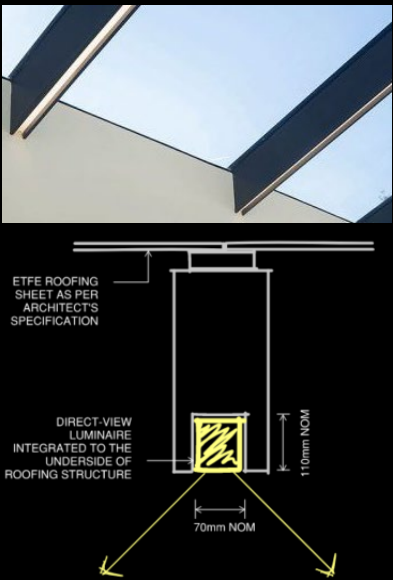
AWNING SKYLIGHT FEATURE LIGHTING – OPTION 4 – INTEGRATED LINEAR PROFILE TO ALIGN TO CEILING BEAMS

Feature suspended lighting to emphasize volume and establish continuity between the plaza and Burwood Urban Park.

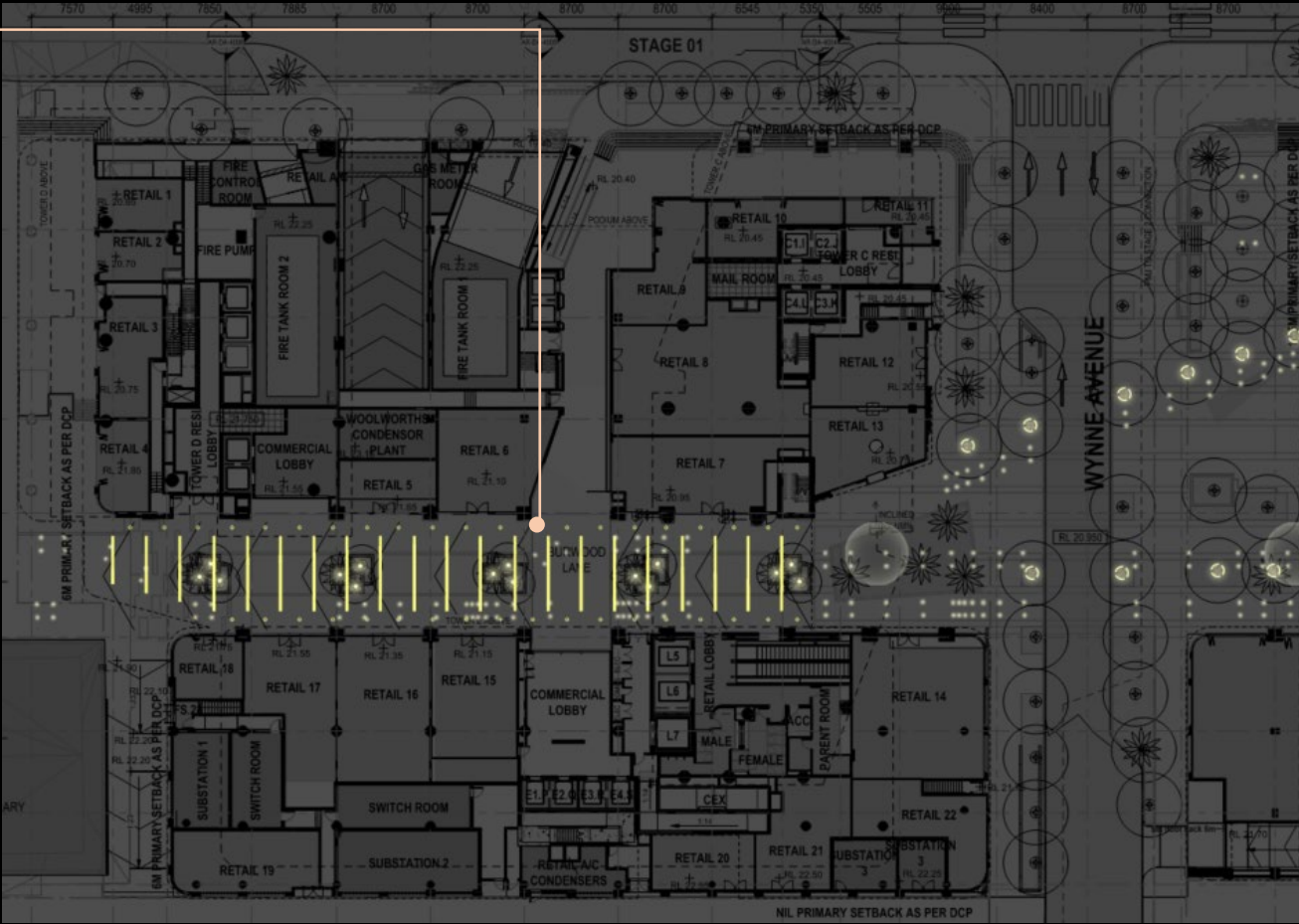
Luminaires to be rod suspended to minimize movement.



Site - Key Plan



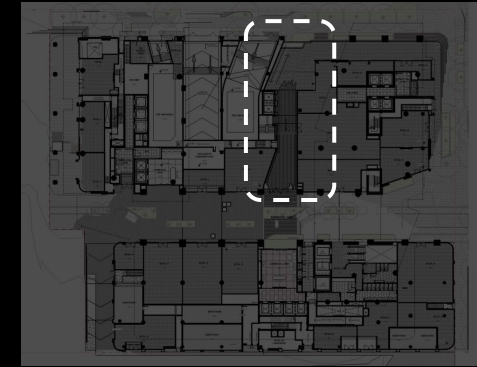
Reference Images and Indicative Lighting Detail



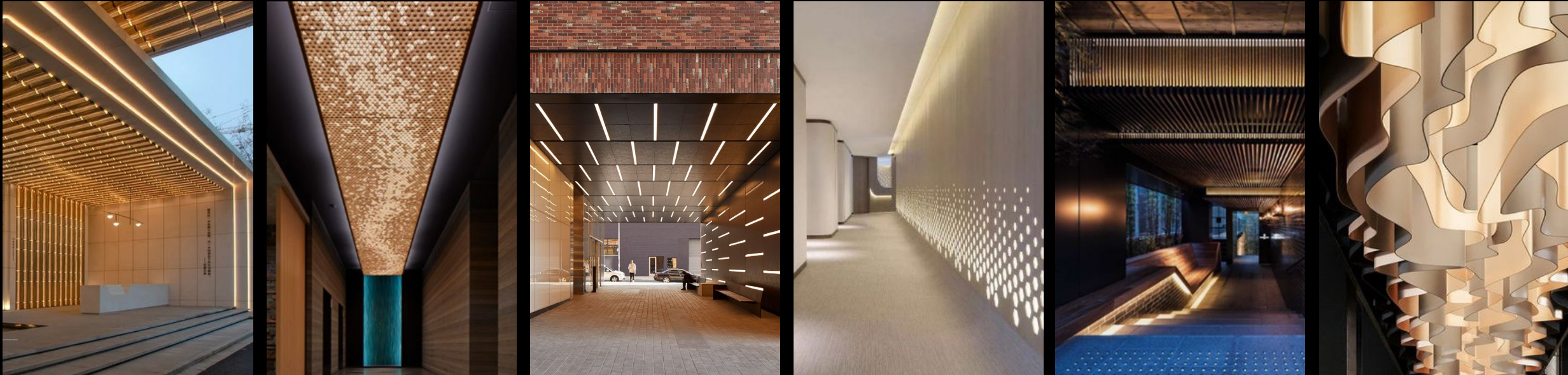
Lighting Plan

Block 2 – North Entrance and Link Lighting Look and Feel

1. Lighting to define the north entrance and create a bold and inviting night-time presence.
2. Concealed lighting integrated with the architecture to augment form, texture and highlight materiality.
3. Feature lighting within long corridor to establish a sense of dynamism and activity.
4. Low level integrated lighting to ramps for wayfinding and safe movement.
5. Flexible lighting system to align with a variety of operational requirements.



Block 2 - Key Plan



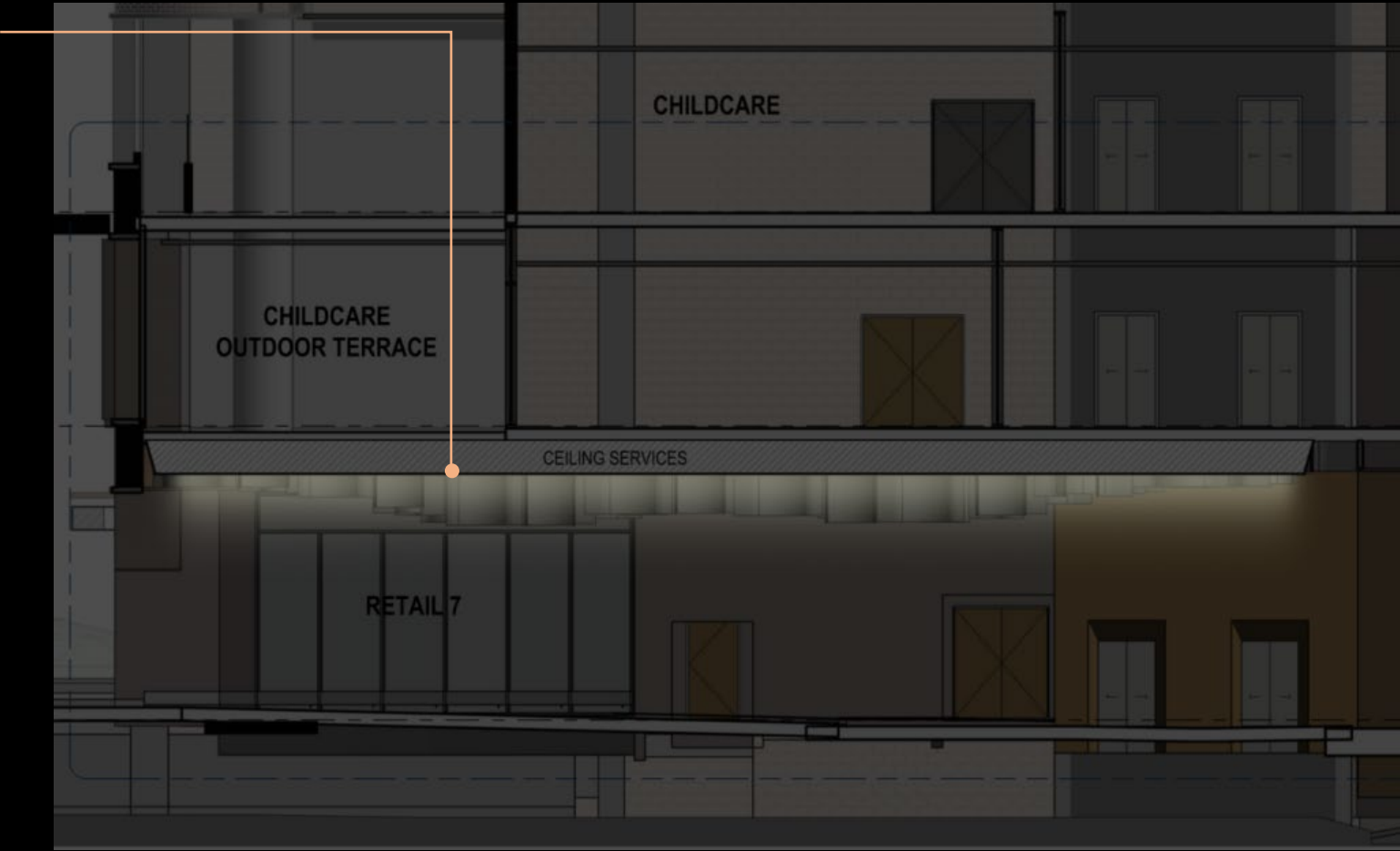
Block 2 – Link Circulation

LINK CIRCULATION - OPTION 1 – ACCENT LIGHTING TO CEILING SCULPTURE

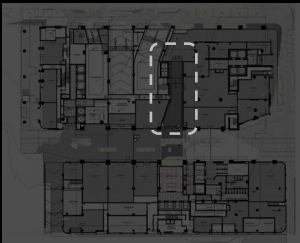
Lighting integrated within ceiling sculpture to draw focus to ceiling and provide diffused ambient glow to the link pathway below. Exact sculpture design to be developed with artist and architect.



Reference Images



Lighting Section

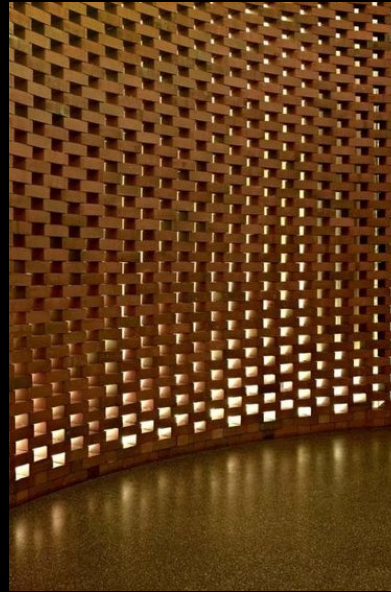


Block 2 - Key Plan

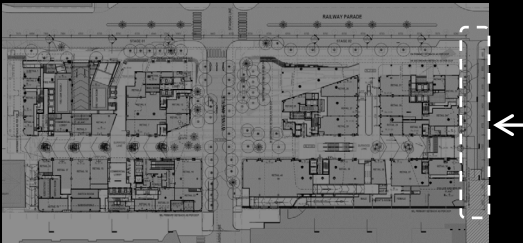
Streetscape - Lighting Look & Feel

Key Lighting Principles:

1. Provide for a warm, inviting and captivating night-time atmosphere at the ground plane.
2. Support commercial aspirations for the retail and dining experience
3. Provide for a synergy between internal and external mall spaces, streetscape and connections
4. Illuminate key vertical and horizontal elements to activate the architectural and interior design and provide for ambience
5. Provide lighting for safety, comfort and security for wayfinding throughout the plaza and connections
6. Minimize impact of the lighting on surrounding zoning, vehicular roadways and pedestrian pathways

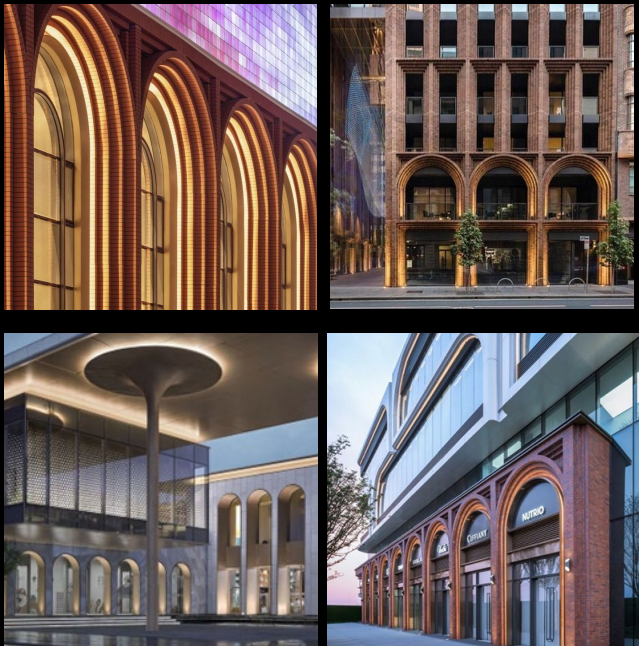


Clarendon Place Interface – Streetscape Lighting Strategy



Key Plan

- Soft glow of light to the soffit of Level 2 balconies to create a sense of warmth and balance daylight.
- Concealed lighting to accentuate the form, texture and materiality of the arches.
- Blade-style downlights integrated within awning structure for ambient lighting at shopfronts and circulation.

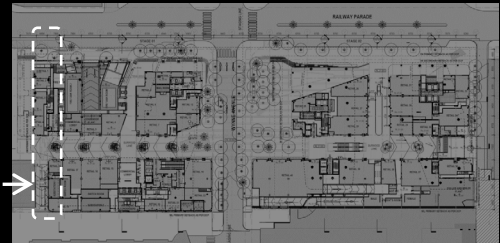


Reference Images



Lighting Elevation

Urban Green Interface – Streetscape Lighting Strategy



Key Plan

Combination of wall lights, uplights or linear profile to provide a soft glow of light to the soffit, create a sense of warmth, and balance daylight on level 2 soffit. Lighting strategy to align to clarendon place and central mall areas lighting strategy.

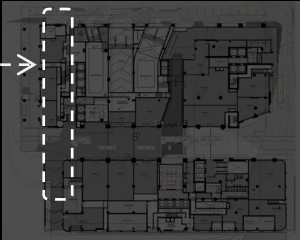


Reference Images



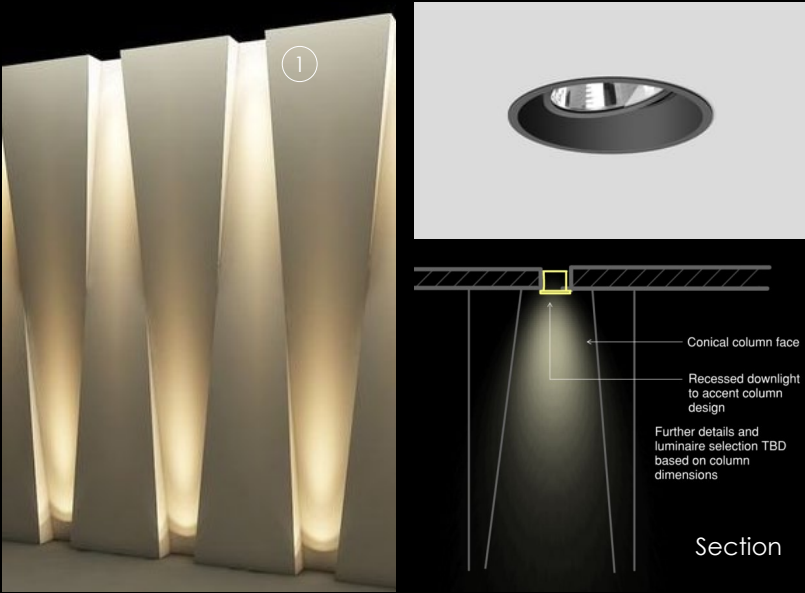
Lighting Elevation

Urban Green Interface – Streetscape Lighting Strategy



Block 2 - Key Plan

1. Recessed adjustable downlights to highlight the form of the columns, luminaire to be integrated at the top of column fascia to accentuate angular form.

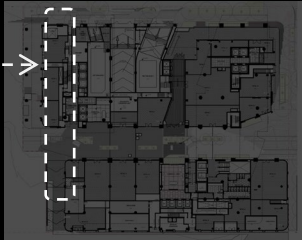


Reference Image, luminaire reference and indicative lighting detail



Lighting Plan

Urban Green Interface – Streetscape Lighting Strategy



Block 2 - Key Plan

2. Slab recessed adjustable uplights to highlight the form of the columns, luminaire to be integrated at the base of column fascia to accentuate angular form and provide a sense of vertical continuity for the columns.



Reference Image, luminaire reference and indicative lighting detail



Lighting Plan



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