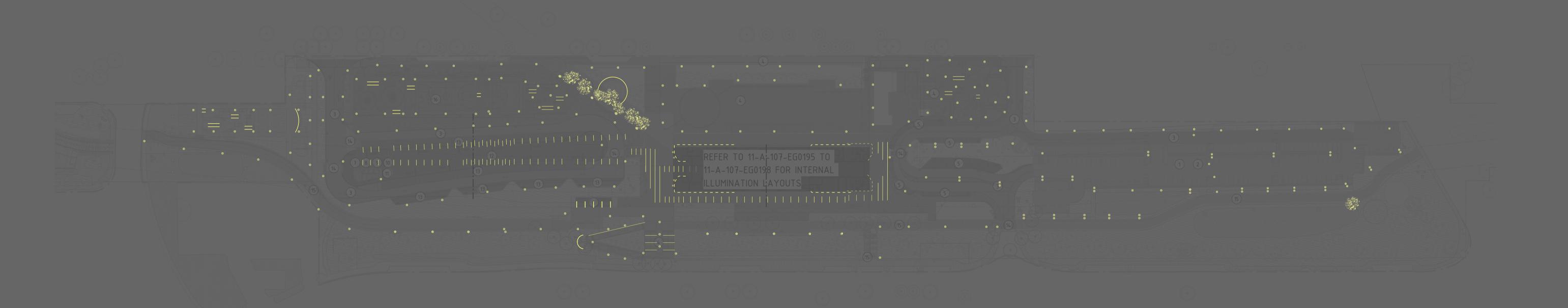
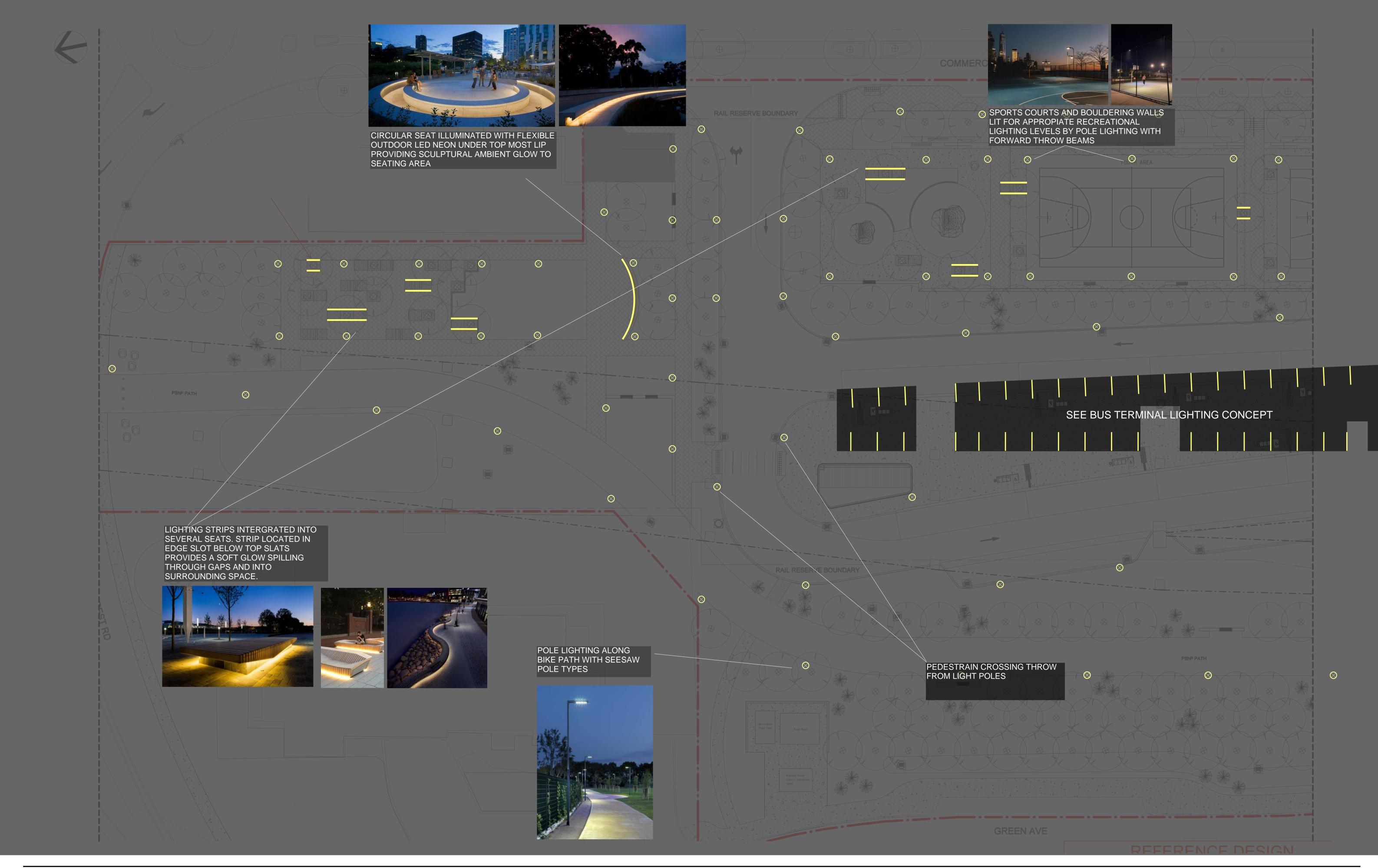
**Appendix Q: Lighting Strategy** 



## ARMADALE PRECINCT LIGHTING LAYOUT CONCEPT SEE PAGES FOR CONCEPTUAL OVERVIEW OF LIGHTING DESIGN



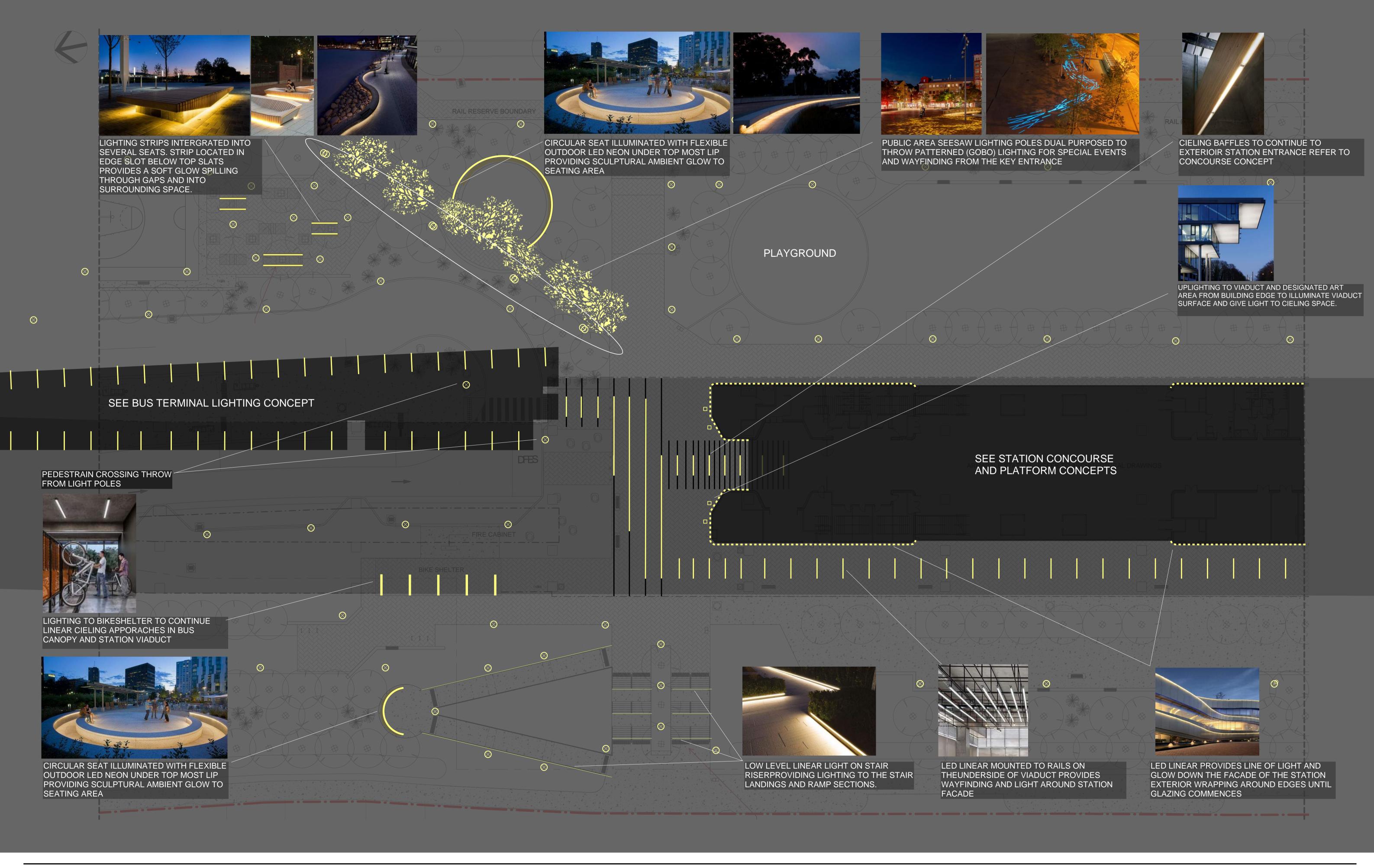


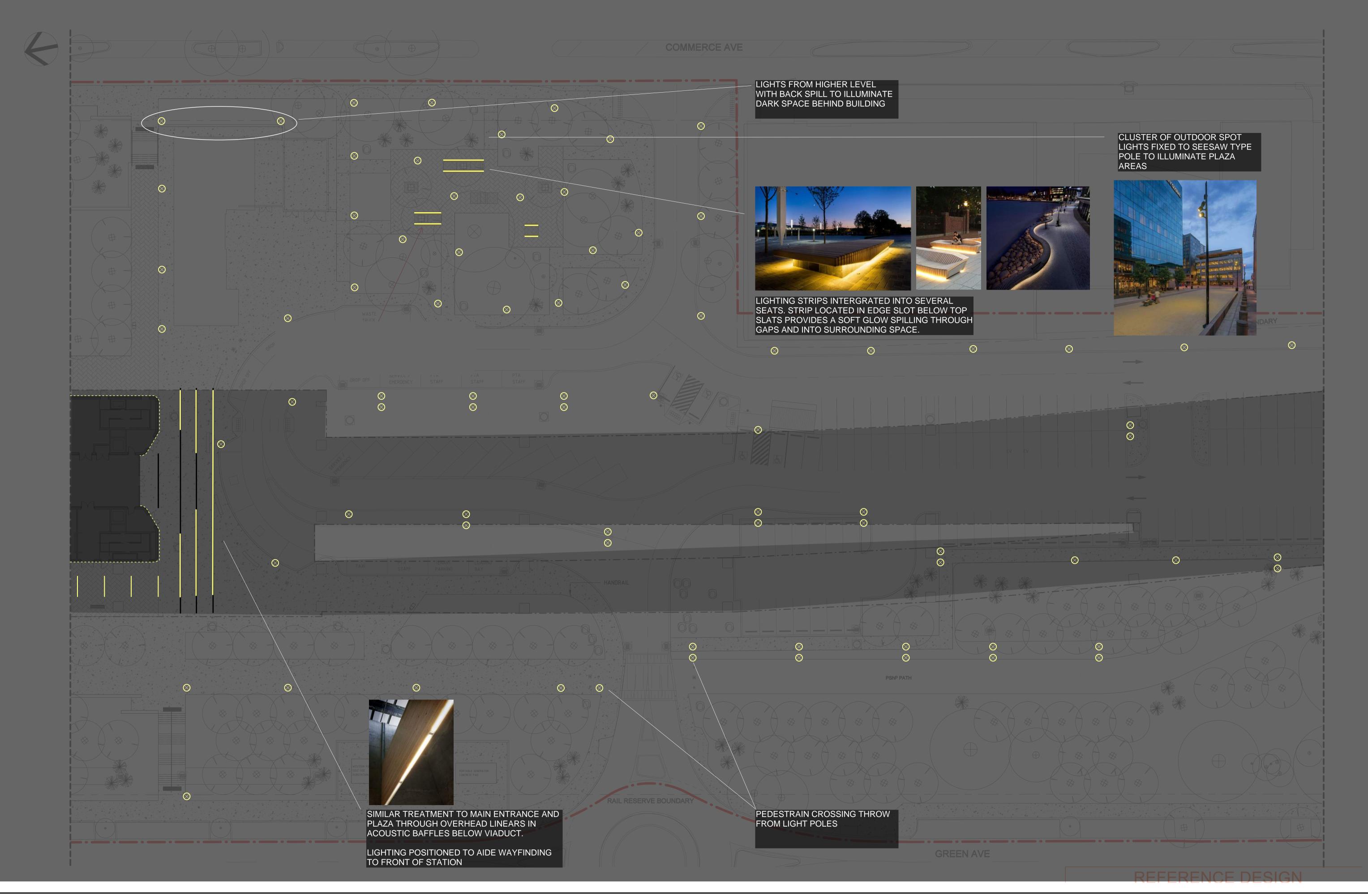
The lighting concept depicted above is illustrative only and requires further development.

METRONET - BYFORD RAIL EXTENSION
Armadale Landscape Lighting 1 of 4

Sketch No. P68297-002-NEXSK01-NDYLIGHT Revision Date: 11.05.2023



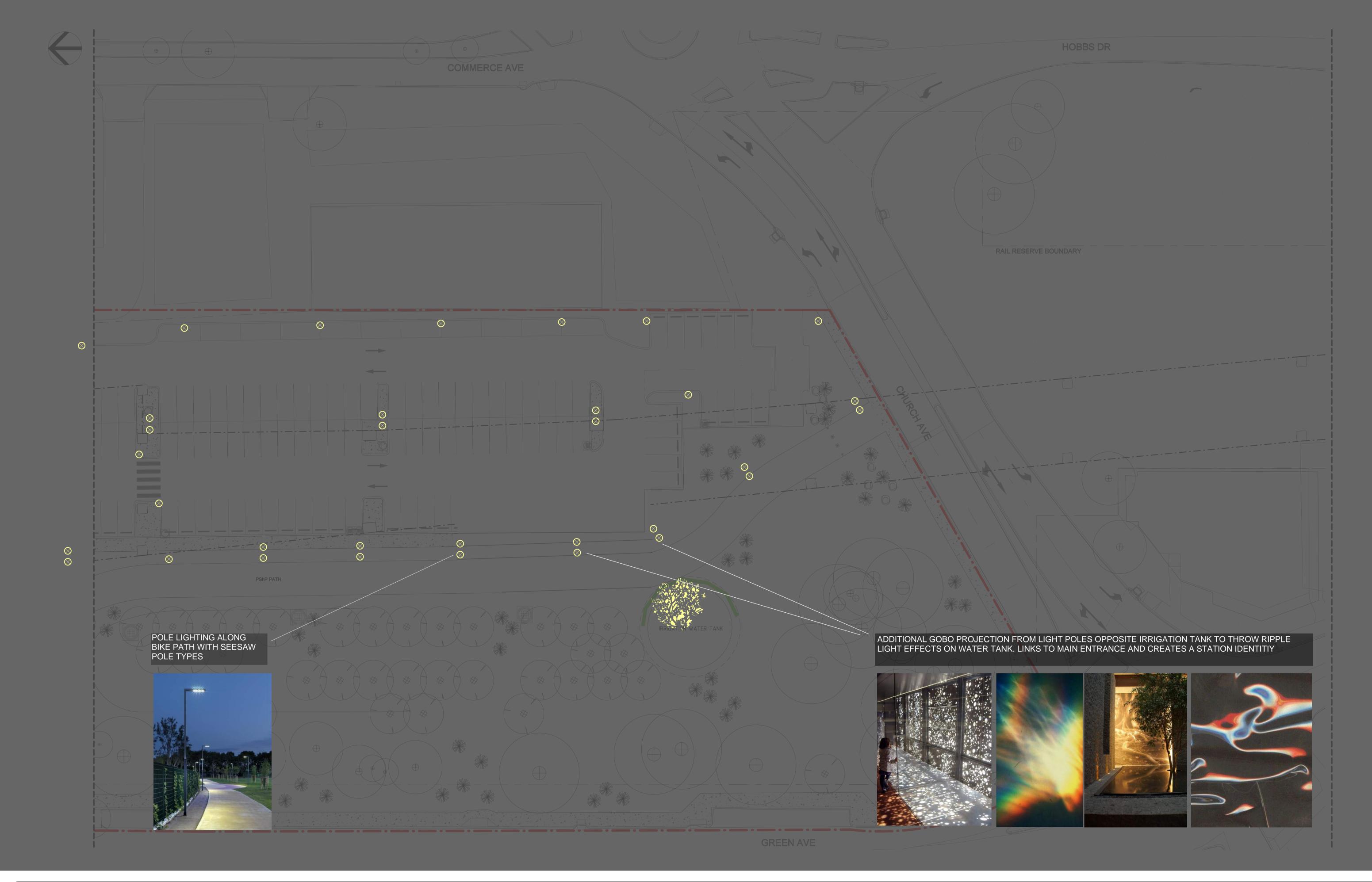




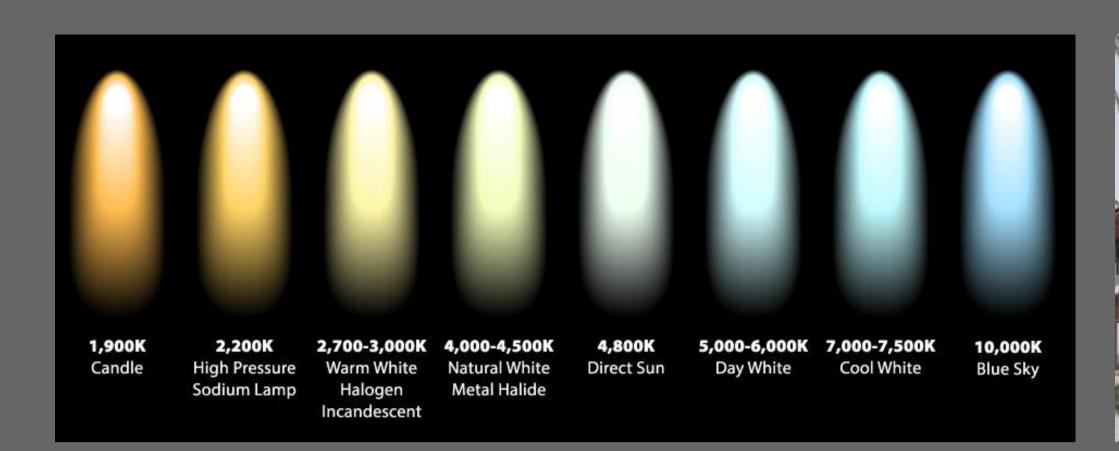
The lighting concept depicted above is illustrative only and requires further development.

METRONET - BYFORD RAIL EXTENSION
Armadale Landscape Lighting Page 3 of 4

NDYLIGHT LIGHTING DESIGN



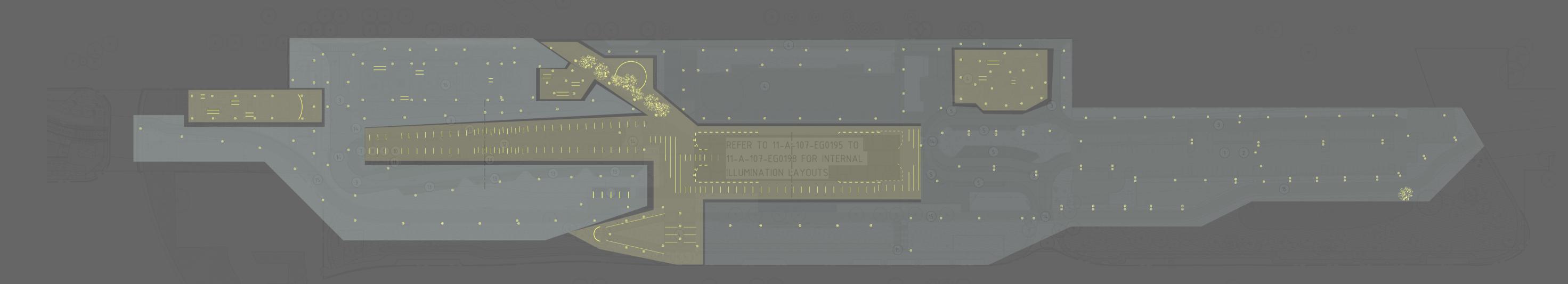








WARMER COLOUR TEMPERATURE TREATMENT OF STATION BUILDINGS AND PLAZA AREAS CREATES A WELCOMING FEEL TO THESE AREAS WITHIN THE PRECINCT. THIS IS ENHANCED BY WARM ARCHITECTURAL AND LANDSCAPE TEXTURES TO CREATE A COMFORTING AND SAFE FEELING IN THESE AREAS. THIS EFFECT WILL ALSO HELP WITH WAYFINDING BY CREATING A PATH OF CONSISTENT LIGHT FROM KEY ENTRANCES. MOVEMENT AT NIGHT THROUGH THE REMAINDER OF THE PRECINCT IS ENCOURAGED BY A COOLER TEMPERATURE IN CONTRAST.



COLOUR TEMPERATURE MAPPING



## LANDSCAPE LUMINAIRE PALLETTE



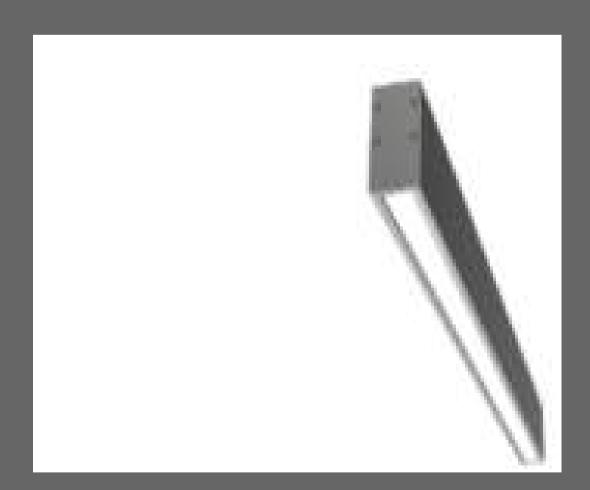


POLE LUMINAIRES WILL BE USED AS GENERAL LANDSCAPE LIGHTING TO PROVIDE SAFE ILLUMINATION FOR MOVEMENT THROUGHOUT THE PRECINCT. POLES WILL BE MOUNTED TO 'BREAK-BACK' HINGED TYPE POLES FOR MAINTAINABILITY AS REQUIRED BY PTA. CARE WILL BE TAKEN TO ALIGN POLES IN THE LANDSCAPE TO PREVENT DAYTIME VISUAL CLUTTER AND ALSO PREVENT INTERRUPTION OF MOVEMENT THROUGHOUT PATHWAYS AND VARIOUS PRECINCT SPACES





FLEXIBLE LINEAR NEON TYPE LIGHTING WILL BE INTERGRATED INTO LANDSCAPE FEATURES TO PROVIDE A SOFT GLOW AND HIGHLIGHT THROUGHOUT THE LANDSCAPE. FLEXIBLE NEON WILL BE IK AND IP RATED IN ACCORDANCE WITH PTA REQUIREMENTS TO WITHSTAND WEATHER AND IMPACT OR VANDALISM





DIFFUSED LINEAR PROFILES WILL BE USED IN CANOPIES AND EXTERNAL CIELING TREATMENTS AROUND THE STATION BUILDINGS. THESE LINEAR LIGHTS WILL ACT AS WAYFINDING TO KEY AREAS AND A VISUAL IDENTITY WITHIN THE STATION.

ELLIPTICAL SHAPES PROJECTORS USED IN THE PLAZA
AREAS AND KEY LANDSCAPE AREAS ALLOW DIRECTIONAL
POOLS OF LIGHTS AND ALSO ENABLE THE USE OF GOBOS AS
A STATION IDENTITY DESIGN ELEMENT



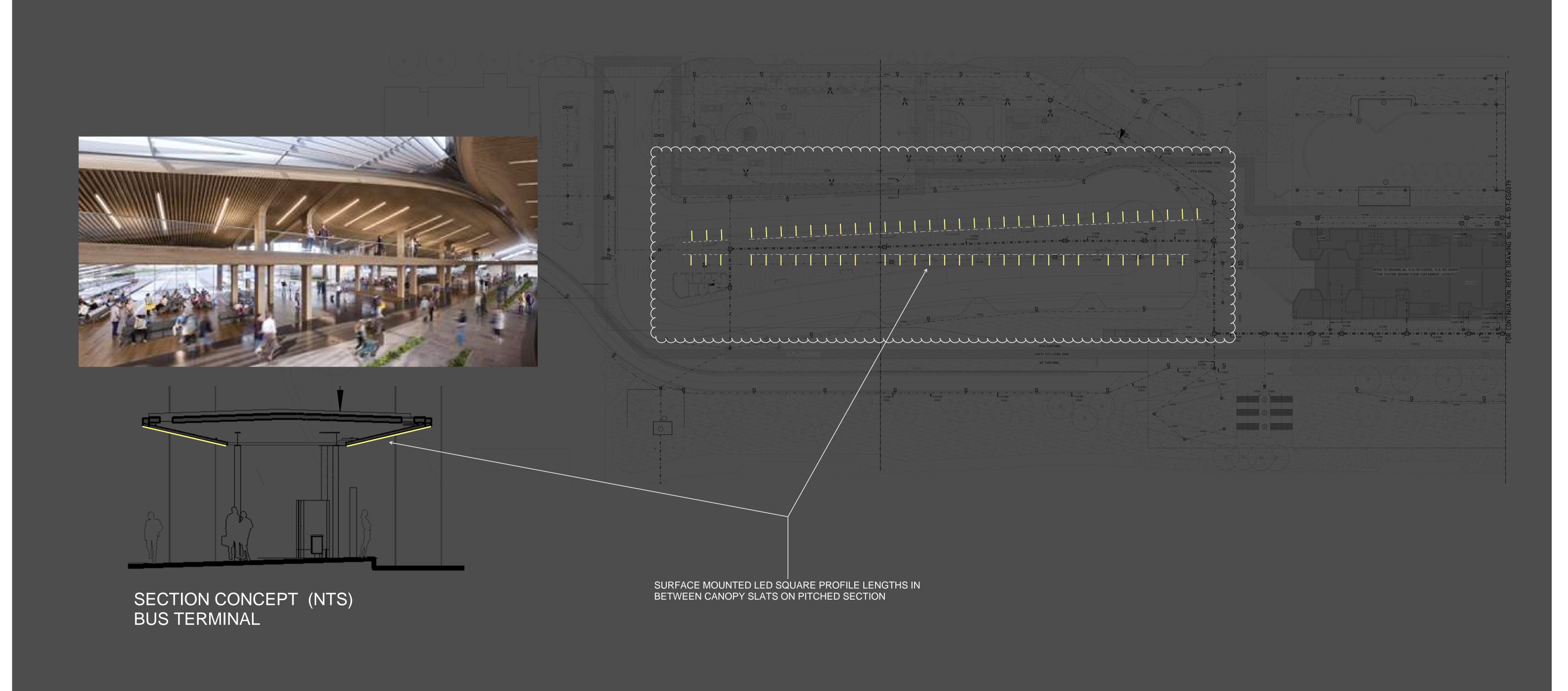
ARMADALE STATION BUILDINGS LIGHTING LAYOUT CONCEPT SEE PAGES FOR CONCEPTUAL OVERVIEW OF LIGHTING DESIGN







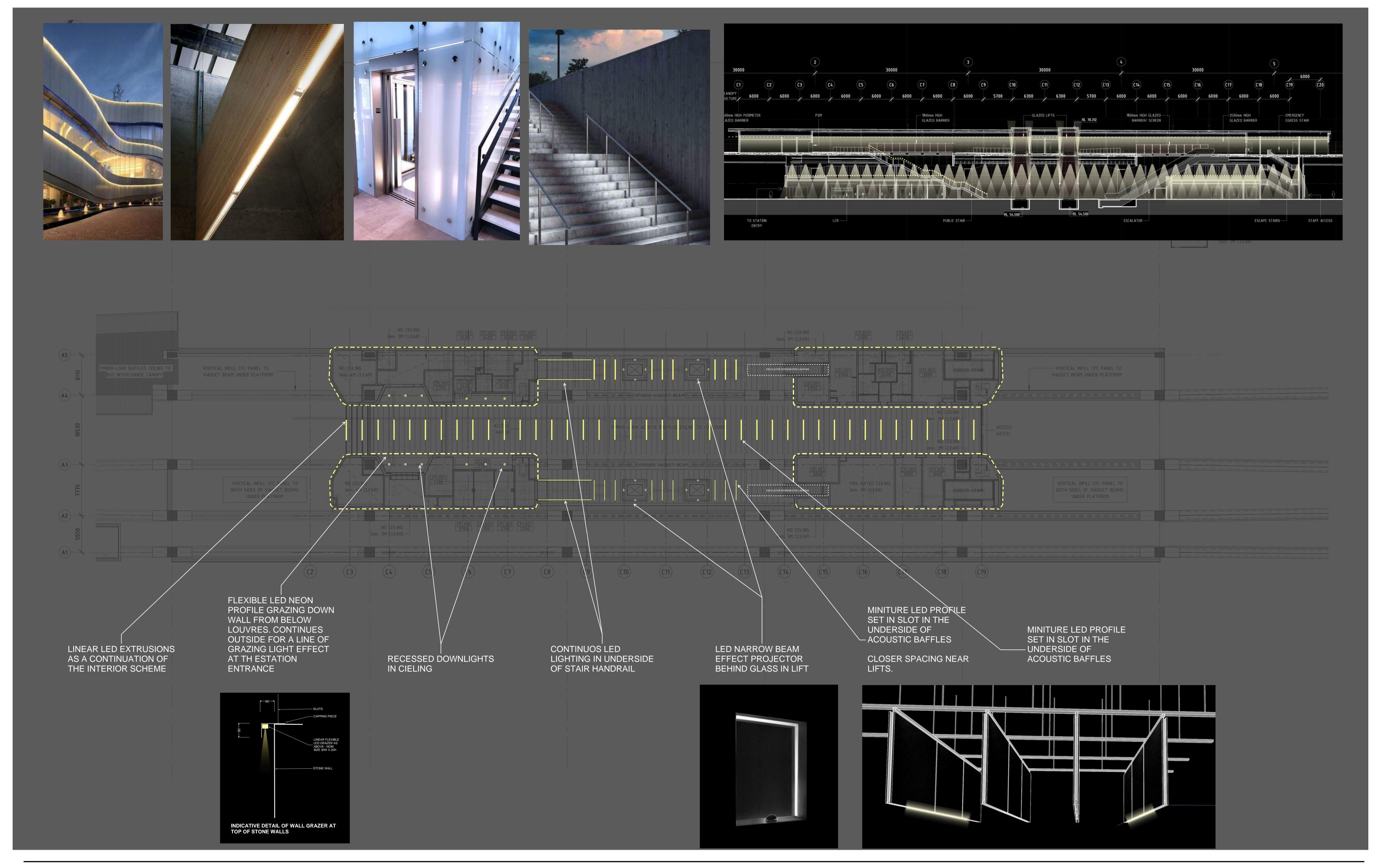
## BUS TERMINAL CANOPY LIGHTING CONCEPT







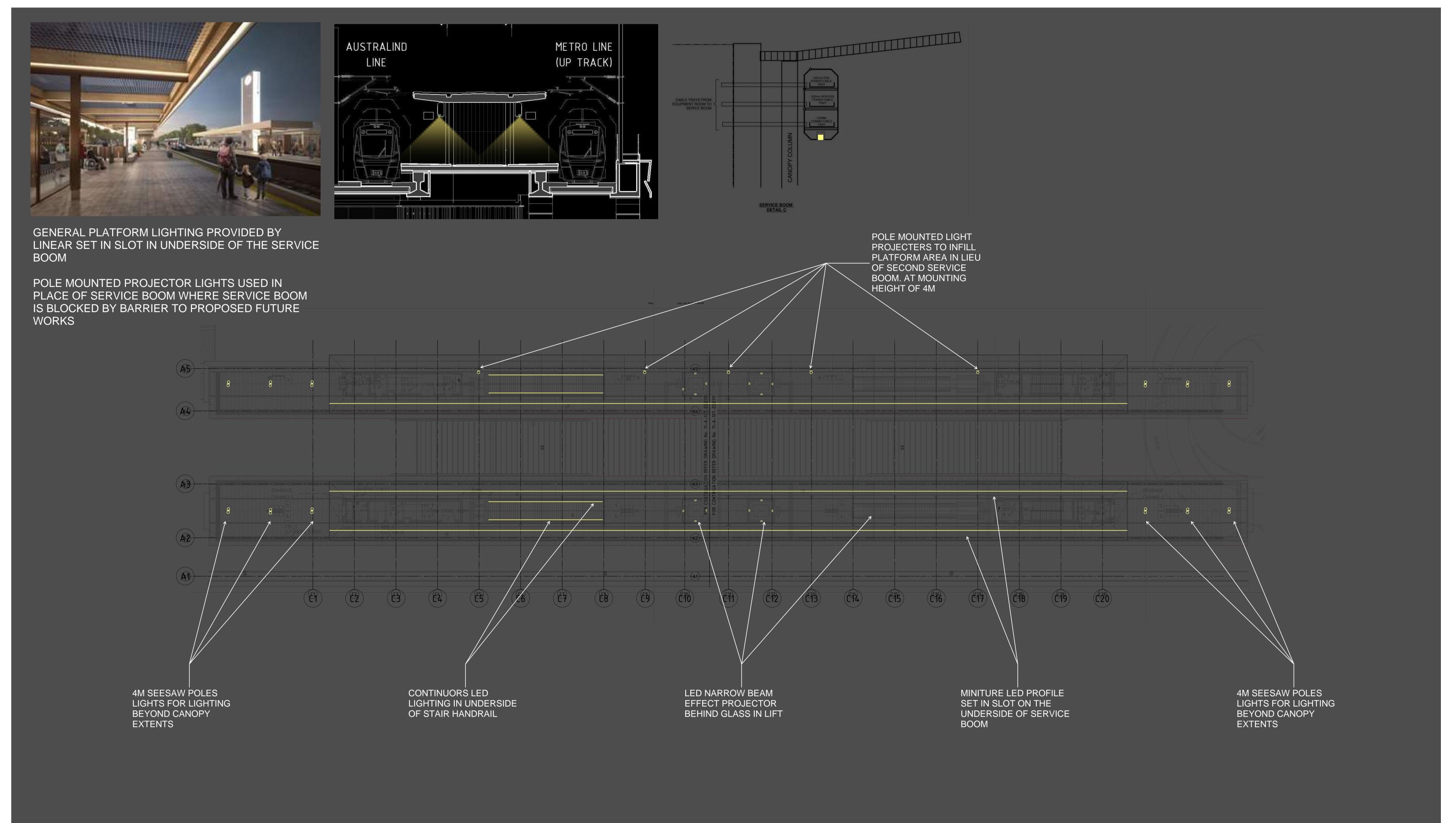




The lighting concept depicted above is illustrative only and requires further development.

METRONET - BYFORD RAIL EXTENSION
Armadale Concourse Lighting Concept

NDYLIGHT LIGHTING DESIGN

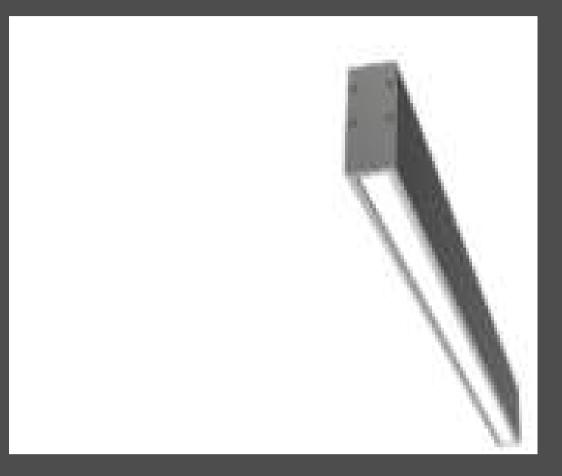








## STATION BUILDINGS LUMINAIRE PALLETTE

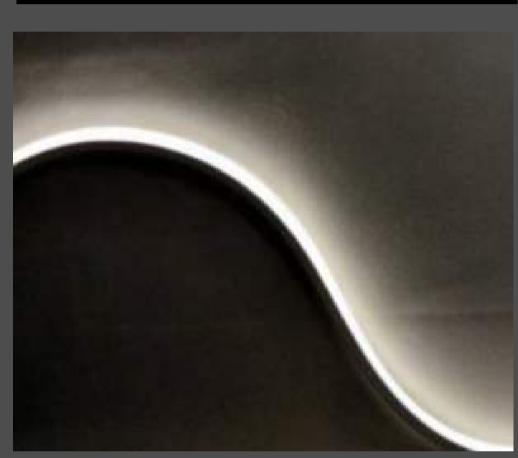




DIFFUSED LINEAR PROFILES WILL BE USED IN THE CONCOURSE, SET IN A SLOT IN ACOUSTIC CIELING BAFFLES. LINEARS WILL PROVIDE SAFE MOVEMENT WITH GENERAL BRIGHT LIGHT TO CONCOURSE AREA. USE WILL CONTINUE ON THE PLATFORM WHERE THEIR ORIENTATION WILL RUN PARRALLEL IN A SLOT IN THE SERVICE BOOM.

BLADE EFFECT LIGHTING WILL GIVE LIFT SHAFTS A GLOW PROVIDEING SHAFT OF LIGHT TO CONCOURSE AND PLATFORM.





FLEXIBLE LENSED LINEAR WILL PROVIDE GRAZING TO WALLS BELOW LOUVRES PROVIDING AN AMBIENT BACKDROP OF LIGHT TO THE CONCOURSE SPACE. USE WILL CONTINUE EXTERNALLY GRAZING EXTERIOIR WALLS AND HIGHLIGHTING THE BUILDING WITHIN THE LANDSCAPE.

LINEAR WILL ALSO BE USED IN THE UNDERSIDE OF STAIR HANDRAIL WITHIN THE STATION. THIS WILL PROVIDE THE MAJORITY OF LIGHT TO THE STAIRWELL AND WAYFIND UP TO THE PLATFORM





POLE TOP LUMINAIRES WILL BE USED BEYOND THE EXTENT OF THE PLATFORM CANOPY TO PROVIDE GENERAL SAFE LIGHTING TO THESE AREAS. POLES WILL BE CENTRED IN THE PLATFORM.

COLUMN MOUNTED LUMINAIRES WILL BE USED TO PROVIDE LIGHT TO AREAS OF THE PLATFORM NEEDING SUPPLEMENTRY LIGHTING IN LIEU OF SECOND SERVICE BOOM. OPTICS WILL BE CHOSEN TO PURPOSELY SMOOTH LIGHTING LEVELS FOR SAFE MOVEMENT ON PLATFORM.



