



- LEGEND**
- POST TOP LIGHT FITTING
  - RECESSED DOWNLIGHT
  - SURFACE MOUNTED DOWN LIGHT
  - RECESSED WALL LIGHT
  - SURFACE MOUNTED WALL LIGHT
  - SURFACE MOUNTED ENTRY CANOPY UPLIGHT
  - ⊗ GARDEN LOW LEVEL SPOTLIGHT
  - \*\*\* WALL MOUNTED LINEAR LIGHTING - BY OTHERS

- DESIGN PRINCIPLES:**
1. EXTERNAL LIGHTING TO BE DESIGNED TO COMPLIMENT THE HIERARCHY OF THE SPACES AND ENCOURAGE PEDESTRIAN THOROUGHFARE AND CONNECTIVITY OF THE PROPOSED DEVELOPMENT.
  2. SPACES WITHIN PEDESTRIAN AREAS THAT CAN CONCEAL PEOPLE ARE TO BE DELIBERATELY LIT TO DISCOURAGE LOITERING.
  3. EXTERNAL LIGHTING TO UTILISE LOW GLARE LUMINAIRES TO ENHANCE PASSIVE AND ACTIVE SURVEILLANCE AND IMPROVE SAFETY OF THE OCCUPANTS OF THE SPACE.
  4. EXTERNAL LIGHTING TO UTILISE LUMINAIRES THAT ARE VANDAL-RESISTANT AND/OR BE MOUNTED AT A HEIGHT TO MINIMISE VANDALISM.
  5. EXTERNAL LIGHTING DESIGN TO BE IN ACCORDANCE WITH AS/NZS 1158, AS4282 AND CPTD PRINCIPLES.

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B	NCA WORKS APPROVAL	06.09.2022
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A100	LEVEL 1	P1
dwg no	title	rev
	referenced drawings	

architect

# BVN

client

# DOMA

admin@4sbstudio.com.au  
+61 2 9002 4200

**Services 4 Buildings Pty Ltd**  
L5 / 309 George Street  
Sydney NSW 2000  
ABN 95144 688 942

S4Bstudio.com.au



project

**15 SYDNEY AVENUE  
BARTON  
CANBERRA**

service

**ELECTRICAL SERVICES**

title

**EXTERNAL LIGHTING LAYOUT**

drawn	date	designed	date	scale
KT	08.08.2022	JT	08.2022	1:250@A1
project no	drawing no	rev		
S4B22000500	E-002	C		

AREA/ZONE		COLOUR TEMPERATURE	LUMINAIRE TYPE	LUMINAIRE DISTRIBUTION	ORIENTATION/AIMING	APPLICABLE STANDARD/LIGHTING CATEGORY
PEDESTRIAN WALKWAYS		WARM WHITE 3000K	SURFACE/RECESSED DOWNLIGHTS	WIDE BEAM 80DEG	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PP4
MAIN ENTRY		WARM WHITE 3000K	WALL MOUNTED UPLIGHTS	ASYMMETRIC FORWARD THROW (Type 4) Distribution	HORIZONTAL /UPWARD TO CANOPY ABOVE	AS/NZS 1158.3.1. 2020 CATEGORY PP1
CAFÉ ENTRY		WARM WHITE 3000K	RECESSED DOWNLIGHTS	WIDE BEAM 80DEG	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PP1
EOT ENTRY		WARM WHITE 3000K	WALL MOUNTED UPLIGHTS	ASYMMETRIC FORWARD THROW (Type 4) Distribution	HORIZONTAL /UPWARD TO CANOPY ABOVE	AS/NZS 1158.3.1. 2020 CATEGORY PP1
EOT PATHWAY		WARM WHITE 3000K	RECESSED DOWNLIGHTS	WIDE BEAM 80DEG	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PP4
EOT FACILITY FORECOURT		WARM WHITE 3000K	SURFACE MOUNT DOWNLIGHTS	WIDE BEAM 80DEG	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PP4
SEATING AREA		WARM WHITE 3000K	POST TOP LUMINAIRES	ASYMMETRIC FORWARD THROW (Type 2) Distribution	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PP4
EXTERNAL STAIRS / ACCESSIBLE PATHWAY		WARM WHITE 3000K	POST TOP LUMINAIRES	ASYMMETRIC SIDE THROW (Type 2) Distribution	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PP4
DRIVEWAY LIGHTING (CARPARK RAMP)		WARM WHITE 3000K	RECESSED DOWNLIGHTS	WIDE BEAM 80DEG	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PE2
DRIVEWAY ENTRY		WARM WHITE 3000K	RECESSED WALL LIGHTS	ASYMMETRIC SIDE THROW (Type 2) Distribution	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PC2 CIRCULATION ROAD
ACCESS DRIVEWAY		WARM WHITE 3000K	POST TOP LUMINAIRES	ASYMMETRIC SIDE THROW (Type 2) Distribution	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PC2 CIRCULATION ROAD
GARDEN LIGHTING		WARM WHITE 3000K	GARDEN LOW LEVEL LUMINAIRES	ASYMMETRIC SIDE THROW (Type 2) Distribution	HORIZONTAL /DOWNWARD	AS/NZS 1158.3.1. 2020 CATEGORY PC2 CIRCULATION ROAD
ALL EXTERNAL AREAS - SPILL LIGHTING CONTROL		WARM WHITE 3000K	ALL EXTERNAL LUMINAIRE ORIENTATED FACING IN DOWNWARD DIRECTION EXCEPT FOR COVERED AREA ENTRY CANOPY UPLIGHTS	NARROW BEAM SPOT LIGHTING	DOWNWARD TOWARDS GARDEN AREA PLANTS	NOT APPLICABLE
				AS ABOVE	AS ABOVE	AS/NZS 4282 2019

**LIGHTING ZONE SHADING LEGEND**

- AS/NZS 1158.3.1 CATEGORY PC2 LIGHTING ZONE
- AS/NZS 1158.3.1 CATEGORY PP1 LIGHTING ZONE
- AS/NZS 1158.3.1 CATEGORY PP4 LIGHTING ZONE
- AS/NZS 1158.3.1 CATEGORY PE2 LIGHTING ZONE

DRAWING TO BE PLOTTED IN COLOUR

