

DESIGN NOTES:

1. SCHEME FOR GUIDANCE ONLY, NOT FOR CONSTRUCTION SCHEME BASED UPON ARCHITECTURAL DRAWING: 4932_DA101(2)_GROUND FLOOR PLAN WHILST ALL REASONABLE EFFORTS TO ENSURE ACCURACY IT IS RECOMMENDED THAT ALL DIMENSION SHOULD BE VERIFIED INDEPENDENTLY OF THIS DRAWING.

2. THIS SCHEME WAS DESIGNED TO MEET AUSTRALIAN STANDARD, AS PER AS/NZS 1158.3.1 CATEGORY PC1 FOR CARPARK GENERAL AREA,

PCX FOR PEDESTRIANS CROSSING AREA, PR1 FOR TRUCK AND CAR ACCESS& EXIT.

EXTERIOR LIGHTING IS IN ACCORDANCE WITH AS4282 "CONTROL OF THE OBTRUSIVE EFFECTS OF OUTDOOR LIGHTING"

INFORMATION REGARDING TO OBTRUSIVE EFFECTS AND THRESHOLD INCREMENT HAS BEEN REFERENCE FROM THE SURVEY DOCUMENT "10115-002-C". THIS HAS BEEN APPLIED AS A MINIMUM STANDARD.

3. A LIGHT LOSS FACTOR (MF) OF 0.8 HAS BEEN APPLIED IN ACCORDANCE WITH AS1680.4 AND 1158.3.1(LDD*LLD) A TYPICAL MAINTENANCE PROGRAM TO PROVIDE

THIS WOULD BE:

- CLEAN AND INSPECT ON THREE YEARS CYCLE
- SPONTANEOUS FAILURES BEFORE THIS TIME SHOULD BE ASSESSED FOR IMPACT AND REPLACED IF CONSIDERED NECESSARY

4. THIS SCHEME IS SUBJECT TO THE NORMAL ACCURACIES AND TOLERANCES OF PHOTOMETRY AND SOFTWARE AS DESCRIBED WITHIN AS3827. FOR THE PURPOSES OF THIS

SCHEME THESE HAVE BEEN ASSESSED TO PLUS OR MINUS 15%. Luminaire Schedule

	duminate schedule							
Symbol		Qty	Tag	Label	Lum. Watts	Total Lamp	LLF	Description
						Lumens		
	•	7	W1	HZ2-65-3B	65	9230	0.800	NIKKON Zeal II LED flood light type III 65W 4000K
	•	4	W8	HZ2-150-2B	151.1	19500	0.800	NIKKON Zeal II LED flood light type II 150W 4000K
		13	W6	HZ2-150-4B	149.4	19370	0.800	NIKKON Zeal II LED flood light type IV 150W 4000K
		1	W5	HZ2-150-3B	150.294	21934	0.800	NIKKON Zeal III LED flood light type III 150W 4000K
	\longrightarrow	1	W4	HZ2-90-3B	90.512	12896	0.800	NIKKON Zeal II LED flood light type II 90W 4000K
		13	W2	Campag 30W T2 - Wallmounted	30 7	3200	0 800	NIKKON Campag LED flood light type II 30W 4000K

UWLR Area Summary						
Label	Area					
UWLR	31189	0.004				
Calculation Summary						

Calculation Dammary	LION SUMMARY					
Label	Units	Avg	Max	Min	Min/Avg	Max/Avg
Car entry exit 1	Lux	14.6	59	2	N.A.	4.0
Car entry exit 2	Lux	37.0	207	3	N.A.	5.6
Landscape zone carpark	Lux	19.7	82	3	N.A.	4.2
Landscape zone carpark vertical	Lux	7.1	13	4	0.6	1.8
Loading carpark	Lux	31.1	40	20	N.A.	1.3
Loading carpark vertical	Lux	35.8	47	20	0.6	1.3
Main carpark	Lux	20.5	63	5	N.A.	3.1
Main carpark vertical 1	Lux	9.0	11	5	0.6	1.2
Main carpark vertical 2	Lux	8.4	10	6	0.7	1.2
ObtrusiveLight_1_Cd_Seg1	N.A.	604.7	2121	0	N.A.	N.A.
ObtrusiveLight_1_Ill_Seg1	Lux	0.0	0	0	N.A.	N.A.
ObtrusiveLight_2_Cd_Seg1	N.A.	2561	5241	3	0.0	N.A.
ObtrusiveLight_2_Ill_Seg1	Lux	0.6	2	0	0.0	N.A.
ObtrusiveLight_TI_1	ş	0.0	0	0	N.A.	N.A.
ObtrusiveLight_TI_2	ş	0.0	0	0	N.A.	N.A.
ObtrusiveLight_TI_3	8	0.0	0	0	N.A.	N.A.
ObtrusiveLight_TI_4	8	0.0	0	0	N.A.	N.A.
ObtrusiveLight_TI_5	8	0.0	0	0	N.A.	N.A.
ObtrusiveLight_TI_6	8	0.0	0	0	N.A.	N.A.
PCX 1	Lux	23.3	35	9	N.A.	1.5
PCX 2	Lux	29.1	63	8	N.A.	2.2
PCX 3	Lux	26.7	58	7	N.A.	2.2
PCX 4	Lux	27.5	60	6	N.A.	2.2
Truck entry exit	Lux	23.5	171	2	N.A.	7.3

PROJECT: FLOWER POWER GARDEN CENTRE TERRY HILLS 277 MONA VALE RD,
277 MONA VALE RD,
TERRY HILLS NSW

TITLE: PROPOSED EXTERNAL LIGHTING



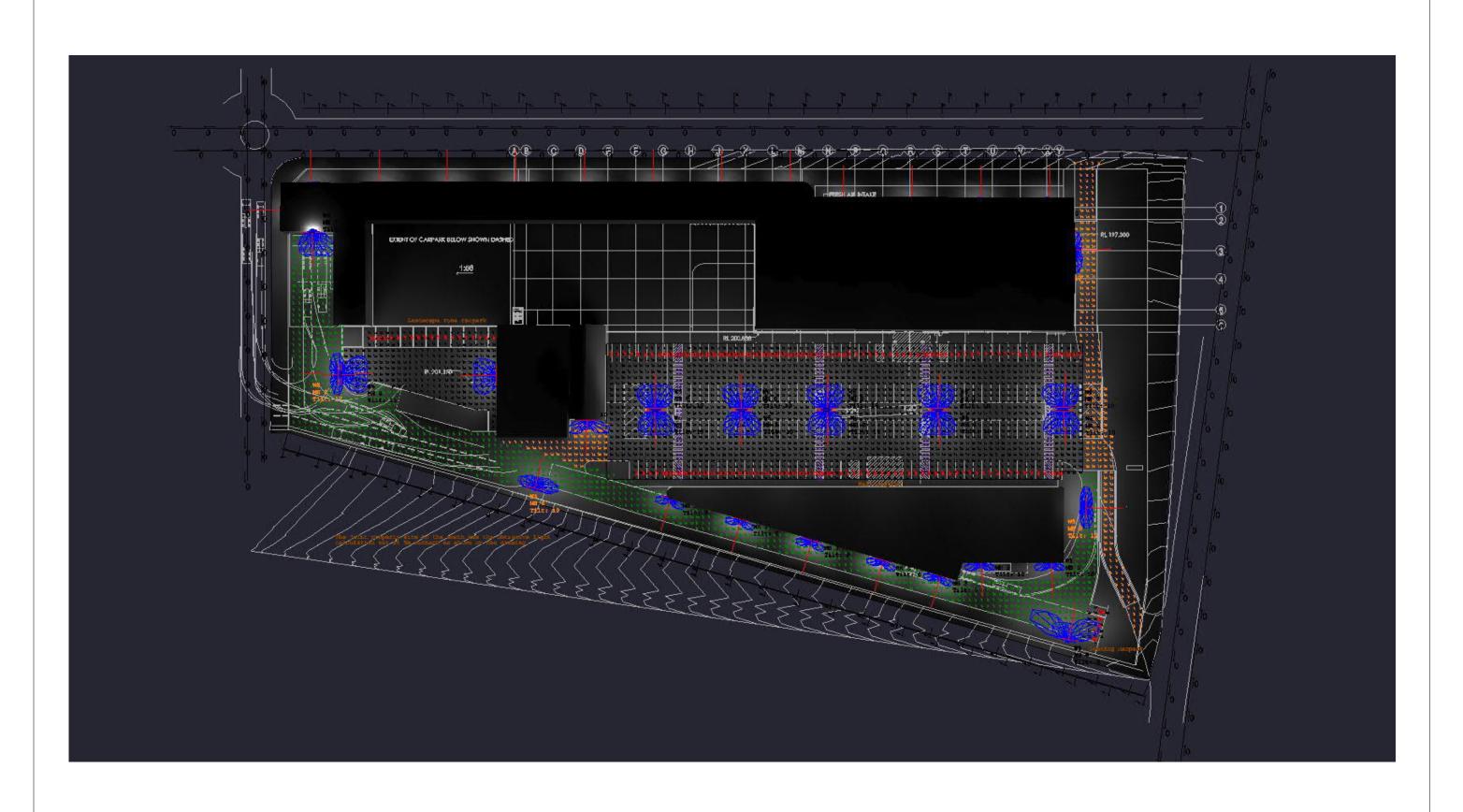
Rev	Date	Description	Drawn By
P1	06/12/2021	Preliminary	EC



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BEFORE COMMENCING ANY WORK OR MAKING ANY
SHOP DRAWING.
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SHEET: Page 1 of 2

Date:14/12/2021



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SHEET: A3

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