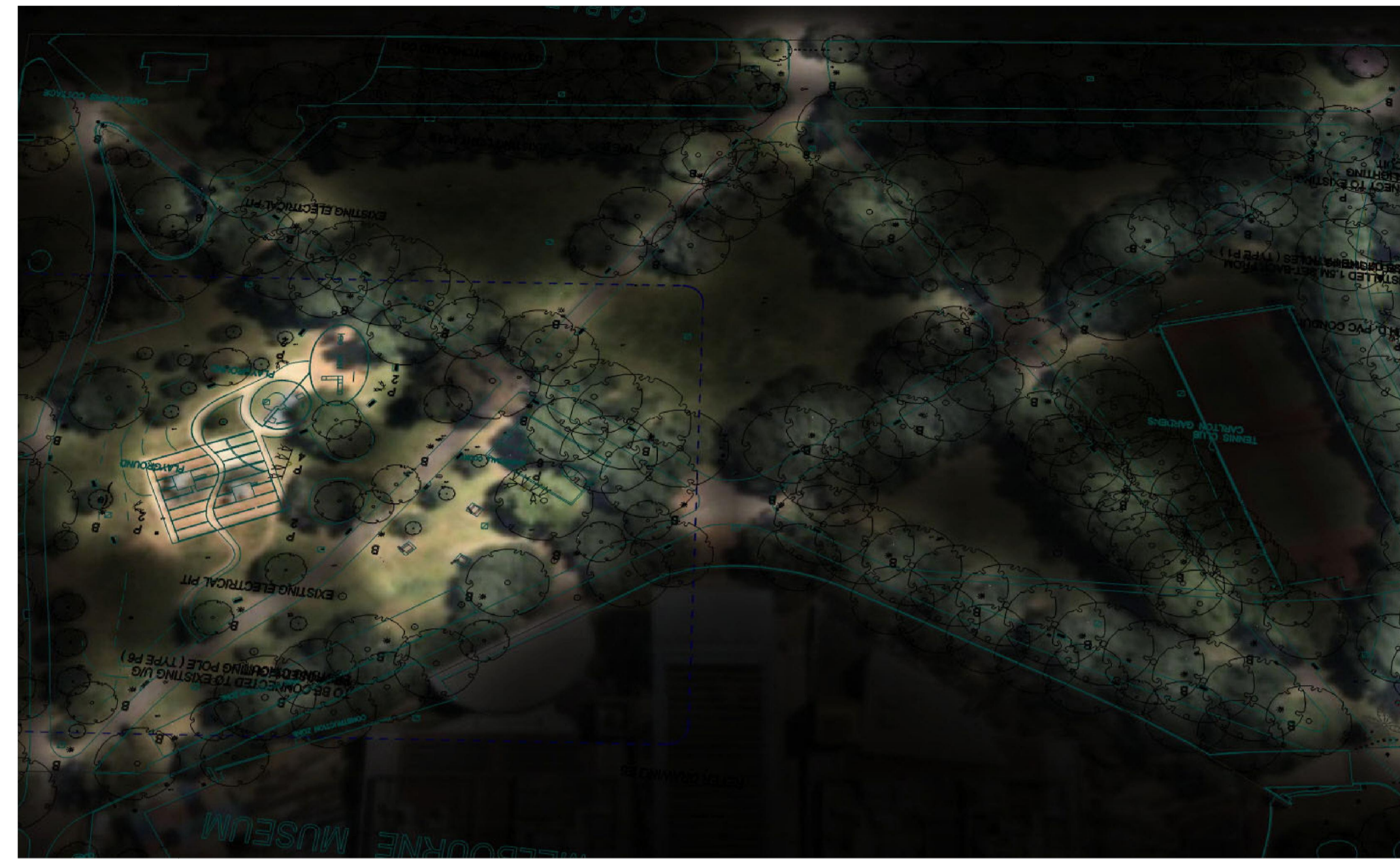
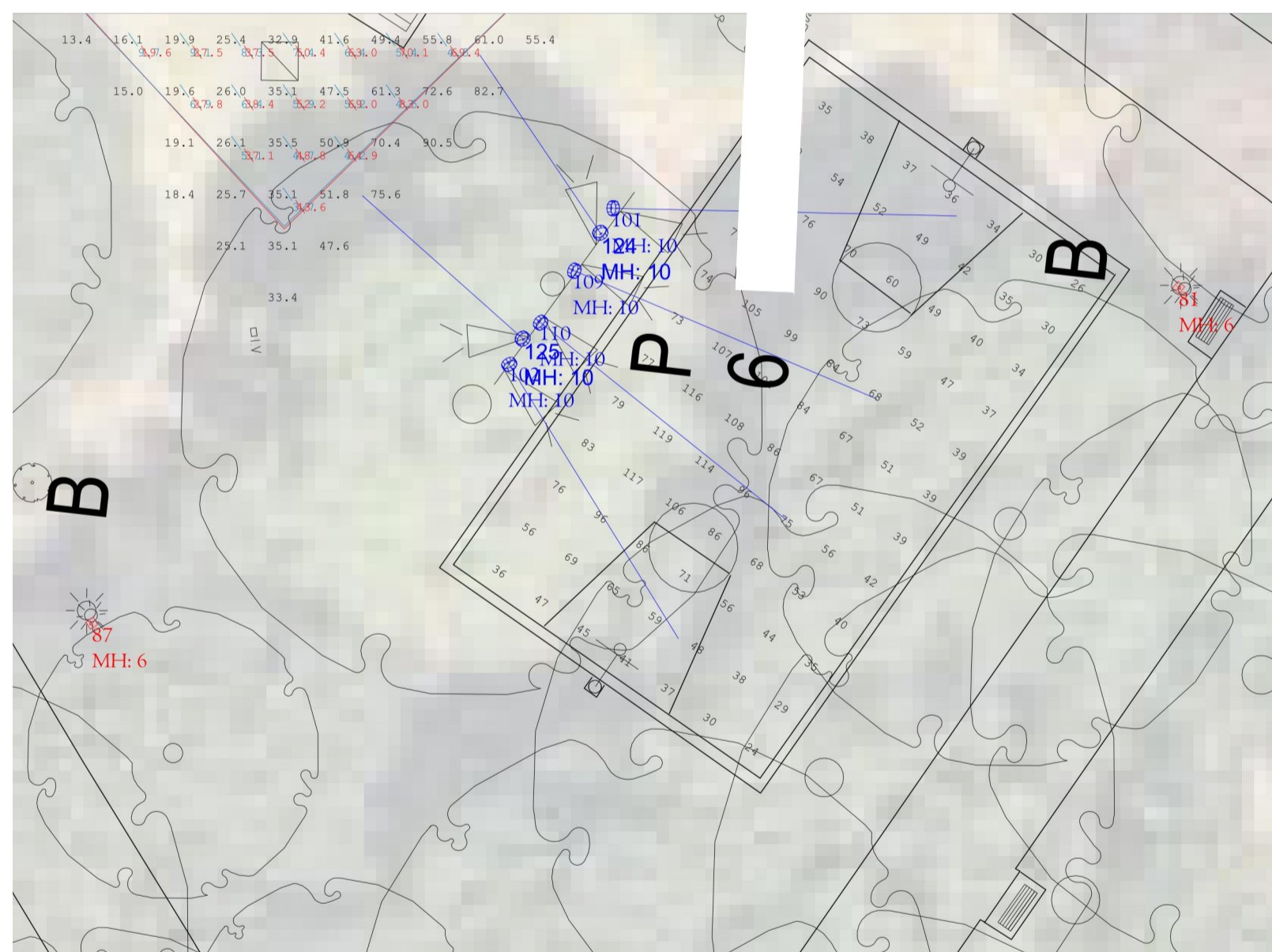




**PROPOSED PLAYGROUND ILLUMINATION RESULTS**  
N.T.S.



**PROPOSED PLAY AREA AND PATHWAY NIGHT RENDERING**  
N.T.S.



**PROPOSED BASKETBALL COURT ILLUMINATION RESULTS**  
N.T.S.

Luminaire Schedule							
Scene:							
Symbol	Qty	Type	LLF	Description	Arm	Lum. Watts	Mounting Height
	8	VFL	0.850	VFL520 [R65] IP66:LED-12/36W/3K 108-2034	0	41	6
	18	FL1	0.850	FLC240 [B] IP66:LED-24/104W/4K139-1926	0	112	10
	100	60W	0.800	Park Light 60W	0	62.8	6

Calculation Summary				
Scene:				
Label	Avg	Max	Min	Max/Avg
1 - Playground PA3 EpH	34.23	104.2	13.7	3.04
1 - Playground PA3 EpV_1	N.A.	69.4	3.1	N.A.
1 - Playground PA3 EpV_2	N.A.	68.2	2.8	N.A.
2 - Playground PA3 Eh	46.86	84.6	21.8	1.81
2 - Playground PA3 EPh V1	N.A.	44.8	13.0	N.A.
2 - Playground PA3 EPh V2	N.A.	43.9	1.5	N.A.
3 - Picnic Area PA3 Eh	36.52	133.2	7.0	3.65
3 - Picnic Area PA3 EpV1	N.A.	83.0	3.5	N.A.
3 - Picnic Area PA3 EpV2	N.A.	93.0	3.7	N.A.
Basketball Court	62.32	119	24	N.A.
North Secondary Path 1 EpH PP4	8.72	14.6	0.3	1.67
North Secondary Path 1 EpV PP4	N.A.	15.59	0.17	N.A.

LIGHTING CALCULATIONS ARE COMPLYING WITH AS1158.3.1 TABLE 3.4 - VALUES OF LIGHT TECHNICAL PARAMETERS FOR PATHWAYS

LIGHTING SUBCATEGORY: PP4  
Average Horizontal E<sub>h</sub> = 1.5lx  
Point Horizontal E<sub>ph</sub> = 0.25lx  
Point Vertical E<sub>pv</sub> = 0.05lx  
UNIFORMITY = 5

LIGHTING CALCULATIONS ARE COMPLYING WITH AS1158.3.1 TABLE 3.4 - VALUES OF LIGHT TECHNICAL PARAMETERS FOR PUBLIC ACTIVITY AREAS (Playground)

LIGHTING SUBCATEGORY: PA3  
Average Horizontal E<sub>h</sub> = 7lx  
Point Horizontal E<sub>ph</sub> = 2lx  
Point Vertical E<sub>pv</sub> = 2lx  
UNIFORMITY = 5



**PROPOSED NORTH SECONDARY PATH ILLUMINATION RESULTS**  
N.T.S.

DO NOT SCALE - USE WRITTEN DIMENSIONS ONLY

No.	DATE	AMENDMENTS	AUT
I1	27.10.2023	INFORMATION ISSUE	LZ
P3	19.10.2023	PRELIMINARY ISSUE UPDATE	LZ
P2	08.09.2023	PRELIMINARY ISSUE UPDATE	LZ
P1	08.06.2023	PRELIMINARY ISSUE	LZ

CONSULTANT'S DRAWING APPROVAL

PASSED	APPROVED
LZ	NW

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CLIENT  
CITY OF MELBOURNE

PROJECT  
CARLTON GARDENS  
- PROPOSED PUBLIC LIGHTING UPGRADES  
1-111 CARLTON ST, CARLTON VIC 3053

DRAWING  
PROPOSED PLAY AREA AND PATHWAY  
PHOTOMETRIC PLOT / RENDERING

STATUS  
INFORMATION ISSUE

PASSED / REVIEWED APPROVED / AUTH. FOR USE

NORTH POINT	DESIGN	DRAWN
		NW
	A1	A3
	NTS	NTS
	DATE PLOTTED	
	27.10.2023	

PROJ. NO.	DWG. NO.	REV.
	4081-E8	11