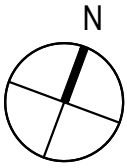


BENNETTSWOOD RESERVE BURWOOD
SOUTHERN OVAL LIGHTING



Legend of Symbols

+100 Calculated Horizontal Illuminance (lux)

Calculation Summary							
Label	Average Horizontal Illuminance (lux)			U1		U2	
	Required	Calculated					
		Initial	Maintained (@0.85 LLF)	Required	Calculated	Required	Calculated
Oval	100	138	117	0.5	0.6	0.3	0.41

- Illuminance levels shown on calculation layout plan are "initial" levels.

Installation fully complies with AS 2560.2.3 (Amateur Level) and AS 4282 (2019) A3 Environmental Zone.

Obtrusive Light - Compliance Report

AS/NZS 4282:2019, A3 - Medium District Brightness, Non-Curlew L1

Illuminance
Maximum Allowable Value: 10 Lux

Calculations Tested (1):

Calculation Label	Test Results	Max. Illum.
Burwood Hwy	PASS	0.9

Luminous Intensity (Cd) At Vertical Planes
Maximum Allowable Value: 12500 Cd

Calculations Tested (1):

Calculation Label	Test Results
Burwood Hwy	PASS

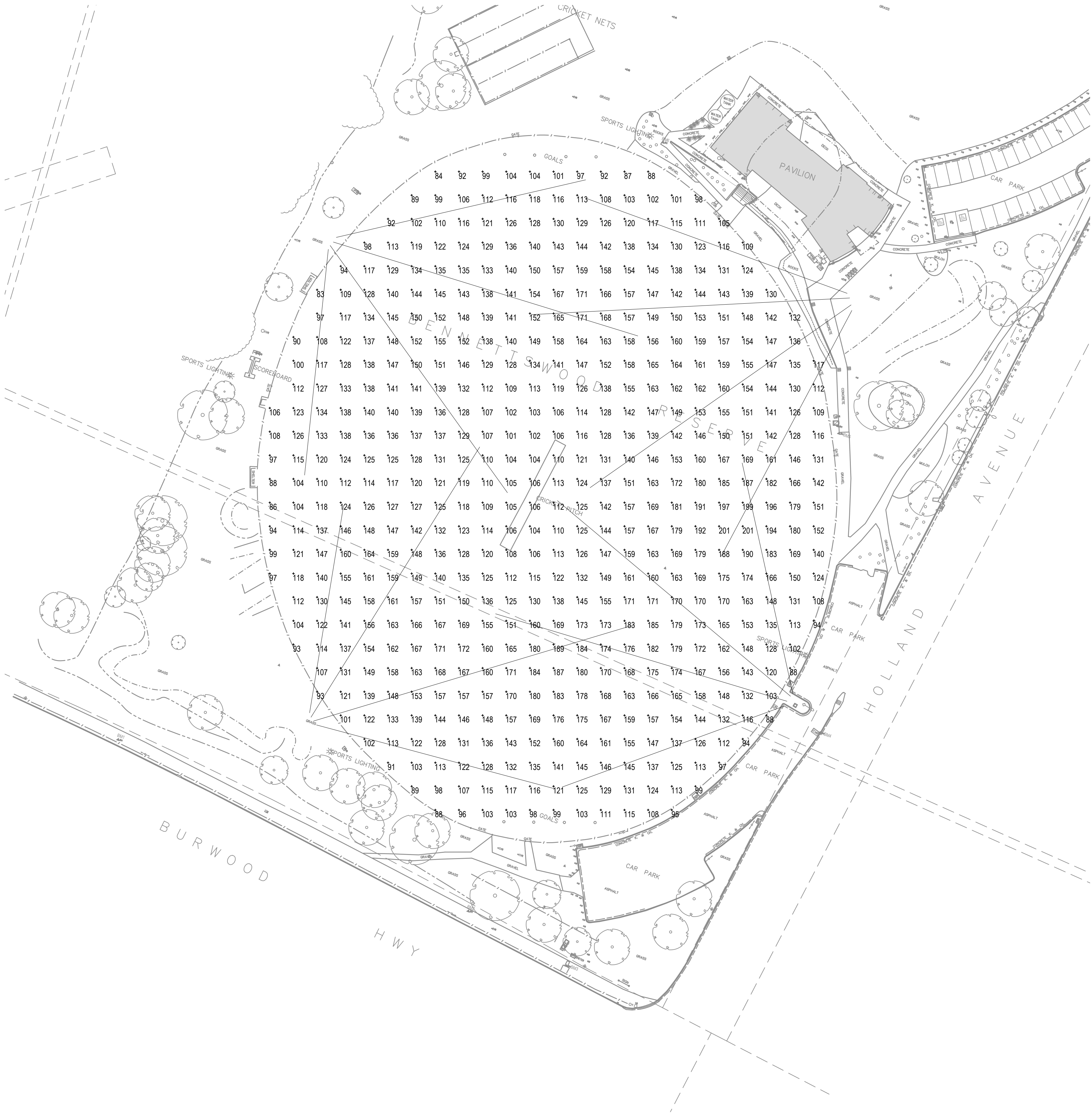
Threshold Increment (TI)
Maximum Allowable Value: 20 %

Calculations Tested (3):

Calculation Label	Adaptation Luminance	Test Results
T1 - Burwood Hwy East Bound	1	PASS
T1 - Burwood Hwy West Bound	1	PASS
T1 - Holland Park North Bound	1	PASS

Upward Waste Light Ratio (UWLR)
Maximum Allowable Value: 2.0 %

Calculated UWLR : 0.4 %
Test Results : PASS



T2	TENDER	23.09.21	PM	WPH
T1	TENDER	02.07.21	PM	WPH

ISSUE	REVISION	DATE	REVIEW	APPROVED
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CONSULTING ELECTRICAL ENGINEERS LIGHTING CONSULTANTS TECHNOLOGY CONSULTANTS

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CLIENT
CITY OF WHITEHORSE



PROJECT
BENNETTSWOOD RESERVE SOUTHERN OVAL
BURWOOD, VIC 3125

DRAWING
ELECTRICAL SERVICES
ILLUMINANCE CALCULATIONS - 100 LUX

DATE	SCALE	D	R	A
23.09.21	1:500 [A1]	J.D.	P.M.	W.P.H.

PROJECT	DWG NO	REVISION	NO IN SET
P715A	LC-01	T2	-

STATUS
TENDER

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