





Ev I					
Project: Ev I					
Label	CalcType	Units	Description	Max	
Ev 1_PROP_Cd_Seg1	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	4063	
Ev 1_PROP_Cd_Seg2	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	5531	
Ev 1_PROP_III_Seg1	Obtrusive - III	Lux	z = 1.5 - 20 m	1.2	
Ev 1_PROP_III_Seg2	Obtrusive - III	Lux	z = 1.5 - 20 m	1.3	
Ev 2_PROP_Cd_Seg1	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	8993	
Ev 2_PROP_Cd_Seg2	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	2834	
Ev 2_PROP_Cd_Seg3	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	2280	
Ev 2_PROP_III_Seg1	Obtrusive - III	Lux	z = 1.5 - 20 m	6.6	
Ev 2_PROP_III_Seg2	Obtrusive - III	Lux	z = 1.5 - 20 m	0.7	
Ev 2_PROP_III_Seg3	Obtrusive - III	Lux	z = 1.5 - 20 m	0.4	
Ev 3_PROP_Cd_Seg1	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	6310	
Ev 3_PROP_III_Seg1	Obtrusive - III	Lux	z = 1.5 - 20 m	1.5	
Ev 4_PROP_Cd_Seg1	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	2828	
Ev 4_PROP_Cd_Seg2	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	3006	
Ev 4_PROP_III_Seg1	Obtrusive - III	Lux	z = 1.5 - 20 m	0.5	
Ev 4_PROP_III_Seg2	Obtrusive - III	Lux	z = 1.5 - 20 m	0.4	
Ev 5_PROP_Cd_Seg1	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	562	
Ev 5_PROP_Cd_Seg2	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	10003	
Ev 5_PROP_Cd_Seg3	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	7272	
Ev 5_PROP_III_Seg1	Obtrusive - III	Lux	z = 1.5 - 20 m	0.0	
Ev 5_PROP_III_Seg2	Obtrusive - III	Lux	z = 1.5 - 20 m	6.4	
Ev 5_PROP_III_Seg3	Obtrusive - III	Lux	z = 1.5 - 20 m	0.1	
Ev 6_PROP_Cd_Seg1	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	2736	
Ev 6_PROP_III_Seg1	Obtrusive - III	Lux	z = 1.5 - 20 m	0.3	
Ev 7_PROP_Cd_Seg1	Obtrusive - Cd	N.A.	z = 1.5 - 20 m	6846	
Ev 7_PROP_III_Seg1	Obtrusive - III	Lux	z = 1.5 - 20 m	4.1	

UWLR Area Summary	
Label	UWLR
UWLR	0.001

GR					
Project: GR					
Label	CalcType	Units	Description	Max	
GR	Glare Rating	N.A.	r = 0.25	43.0	

TI				
Project: TI				
Label	CalcType	Units	AdpLum	TI
Frank St NB	Obtrusive - TI	%	0.2	1.0
Frank St SB	Obtrusive - TI	%	0.2	3.0

Calculation Summary					
Project: Illuminance					
Label	CalcType	Units	Avg	Min/Avg	Min/Max
Oval	Illuminance	Lux	204	0.64	0.49
Rugby	Illuminance	Lux	212	0.77	0.62

Luminaire Schedule					
Symbol	Qty	Label	Description	Source	Power    LLF
	8	BVP528 A35-NB +BL	Apex OptiVision LED Gen3.5 3-module 5700K	LED2130/757 OUT T30 50K	1420   1.000
	4	BVP528 A35-NB +LO	Apex OptiVision LED Gen3.5 3-module 5700K	LED2130/757 OUT T30 50K	1420   1.000
	6	BVP528 A35-WB +LO	Apex OptiVision LED Gen3.5 3-module 5700K	LED2130/757 OUT T30 50K	1420   1.000
	4	BVP528 A35-MB +LO	Apex OptiVision LED Gen3.5 3-module 5700K	LED2130/757 OUT T30 50K	1420   1.000

 3 ASPECT LANTERN (200mm)

 MAST ARM (OUTREACH AS INDICATED)

 PED. PUSH BUTTON & LANTERN

 INTERNALLY ILLUMINATED SIGN

 EXISTING STREET LIGHTING LANTERN

 PROPOSED STREET LIGHTING LANTERN

 SIGN

 PARKING METER

 RUBBISH BIN

 SIDE ENTRY PIT

 GRATED PIT

 FENCE

 TRAFFIC SIGNAL CONTROLLER

 EXISTING DETECTOR LOOP

 EXISTING PEDESTAL

 NEW PEDESTAL

 NEW JOINT USE POLE

 UNITED ENERGY POLE

 DOUBLE SIDED REFLECTIVE ROAD PAVEMENT MARKER

 SINGLE SIDED REFLECTIVE ROAD PAVEMENT MARKER

 600mm DIA. CONDUIT JUNCTION PIT

 300mm DETECTOR PIT

 WATER METER

 TAP

 ELECTRIC PIT

 PERMANENT SURVEY MARK

 SURVEY MARK OR STATION

 TREE

 WOODEN POST

 STEEL POST

 WATER VALVE

 TELSTRA PILLAR

 MAJOR TELSTRA PIT

 MINOR TELSTRA PIT

 GAS VALVE

 SEWER PIT

 FIRE HYDRANT

 FIRE PLUG

 STORMWATER (EXISTING)

 STORMWATER (PROPOSED)

 SEWER

 WATER

 GAS

 TELSTRA

 ELECTRICITY (UNDERGROUND)

 ELECTRICITY (OVERHEAD)

 EXISTING KERB & CHANNEL

 PROPOSED KERB & CHANNEL

 EXISTING KERB

 PROPOSED KERB

PRELIMINARY ISSUE

NOT FOR CONSTRUCTION



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AMENDMENTS	DATE	BY	No.	INFRASTRUCTURE	DEPARTMENT
P1 PRELIMINARY ISSUE	17.06.21	LZ	1	DRAWN	LZ
			2		
			3	DESIGN	DATUM
			4		
			5	SURVEY	COUNCIL APPROVAL MEETING No. / /
			6		
			7	DESIGN CHECKED	NW
			8		
			9	APPROVED BY C.W.C.	
			10		
			11		
			12	DATE / /	APPROVED BY Infrastructure Manager

Peninsula Reserve Floodlighting Installations	SCALE N.T.S. @A1	DRAWING No. 2860 - E4	Rev. No.
FRANK STREET, FRANKSTON			P1
ELECTRICAL SERVICE			
PROPOSED FLOODLIGHTING PHOTOMETRIC PLOT			
		SHEET OF	

Plotted: Jun 18, 2021 - 12:05pm