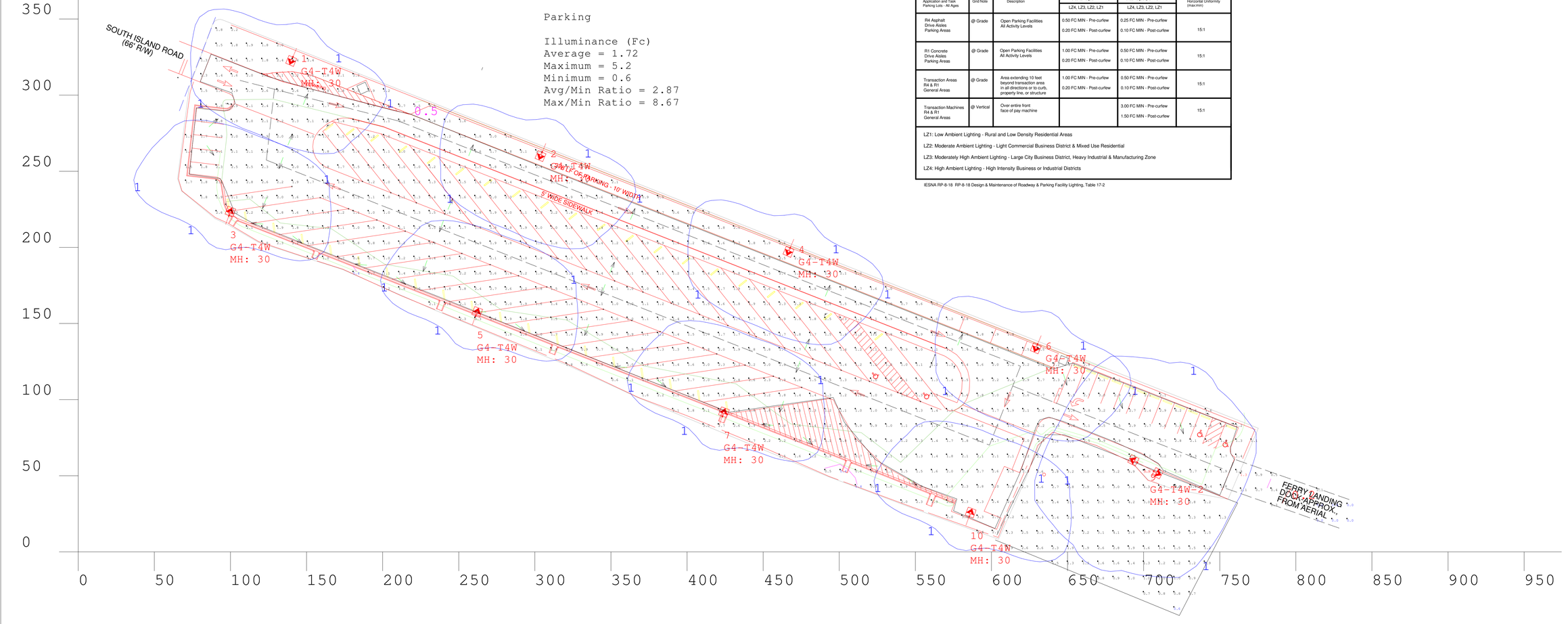
Luminaire Schedule								
Qty	Symbol	Label	Arrangement	LLF	Description	Lum. Watts	Total Watts	Lum. Lumens
8		G4-T4W	SINGLE	0.912	GAN-AF-04-LED-U-T4W	225	1800	24391
1		G4-T4W-2	BACK-BACK	0.912	GAN-AF-04-LED-U-T4W	225	450	24391

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Additional Area	Illuminance	Fc	2.33	5.5	0.6	3.88	9.17
Ferry Landing Dock	Illuminance	Fc	0.33	1.3	0.0	N.A.	N.A.
SITE	Illuminance	Fc	1.74	5.6	0.4	4.35	14.00
Parking	Illuminance	Fc	1.72	5.2	0.6	2.87	8.67



Parking

Illuminance (Fc)
Average = 1.72
Maximum = 5.2
Minimum = 0.6
Avg/Min Ratio = 2.87
Max/Min Ratio = 8.67

Luminaire Location Summary						
LumNo	Label	X	Y	Z	Orient	Tilt
1	G4-T4W	143.414	330.741	30	247.064	0
2	G4-T4W	307.201	268.255	30	247.064	0
3	G4-T4W	96.816	215.081	30	69.334	0
4	G4-T4W	470.137	205.344	30	247.064	0
5	G4-T4W	258.939	149.192	30	69.334	0
6	G4-T4W	632.646	142.007	30	247.064	0
7	G4-T4W	421.061	83.303	30	69.334	0
9	G4-T4W-2	701.206	55.877	30	332.049	0
10	G4-T4W	583.183	17.414	30	69.334	0

Recommended Maintained Illuminance Values
Parking Lots (basic requirements, not for security lighting)

Application and Task Parking Lots - All Ages	Grid Note	Description	Target Maintained Levels (fc) Horizontal Targets	Target Maintained Levels (fc) Vertical Targets @ 5' AFG	Horizontal Uniformity (max:min)
			LZ4, LZ3, LZ2, LZ1	LZ4, LZ3, LZ2, LZ1	
R4 Asphalt Drive Aisles Parking Areas	@ Grade	Open Parking Facilities All Activity Levels	0.50 FC MIN - Pre-curfew 0.20 FC MIN - Post-curfew	0.25 FC MIN - Pre-curfew 0.10 FC MIN - Post-curfew	15:1
R1 Concrete Drive Aisles Parking Areas	@ Grade	Open Parking Facilities All Activity Levels	1.00 FC MIN - Pre-curfew 0.20 FC MIN - Post-curfew	0.50 FC MIN - Pre-curfew 0.10 FC MIN - Post-curfew	15:1
Transaction Areas R4 & R1 General Areas	@ Grade	Area extending 10 feet beyond transaction area in all directions or to curb, property line, or structure	1.00 FC MIN - Pre-curfew 0.20 FC MIN - Post-curfew	0.50 FC MIN - Pre-curfew 0.10 FC MIN - Post-curfew	15:1
Transaction Machines R4 & R1 General Areas	@ Vertical	Over entire front face of pay machine		3.00 FC MIN - Pre-curfew 1.50 FC MIN - Post-curfew	15:1
LZ1: Low Ambient Lighting - Rural and Low Density Residential Areas LZ2: Moderate Ambient Lighting - Light Commercial Business District & Mixed Use Residential LZ3: Moderately High Ambient Lighting - Large City Business District, Heavy Industrial & Manufacturing Zone LZ4: High Ambient Lighting - High Intensity Business or Industrial Districts					

IESNA RP-8-18 RP-8-18 Design & Maintenance of Roadway & Parking Facility Lighting, Table 17-2

COOPER Lighting Solutions
Applications Engineering
1121 Highway 74 South
Peachtree City, GA 30269
tel no: 770-486-45xx
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e-mail: mkt-lightingapplications@cooperlighting.com

We make no representation as to its completeness, currency or accuracy because of reasons inherent to CAD and the additional digital data used to produce a lighting application. All digital CAD data appears to be extremely accurate, however, this apparent accuracy is an artifact of the techniques used to generate it, and is in no way intended to imply actual accuracy. The user of this data takes full responsibility for the accuracy and correctness of all measurements, area, inventories or other data extracted from this, either manually or with the use of a computer. This light level analysis is an estimate only, and is based on estimated reflectance values for interior applications or estimated pole location, luminaire mounting height, aiming and operation. We cannot warrant your utilization of this data or the results obtained. This analysis is a mathematical model and can be only as accurate as is permitted by the third party software and the IES standards used. In addition actual light levels obtained. This analysis is a mathematical model and can be only as accurate as is permitted by the third party software and the IES standards used. In addition calculated values may vary from actual measurements in certain situations due to variances, such as but not limited to, lamp output, input voltage ballast variances,manufacturing tolerances and application variances. The project engineer must review the overall layout of fixtures and poles to verify suitability for the intended use of the lighting. The presence of objects will decrease light levels and may cause some shadowing. Lighting specification drawings are to be used as a guide only.

Project Name:
South Island Landing Phase II
Parking Lot Improvement

Client:
Skye Thompson
Lekson Associates

Drawn By:
Claudius Anderson

Date:
8/25/2020

Scale: 1 = 30'

Project No:
2000953-D.AGI