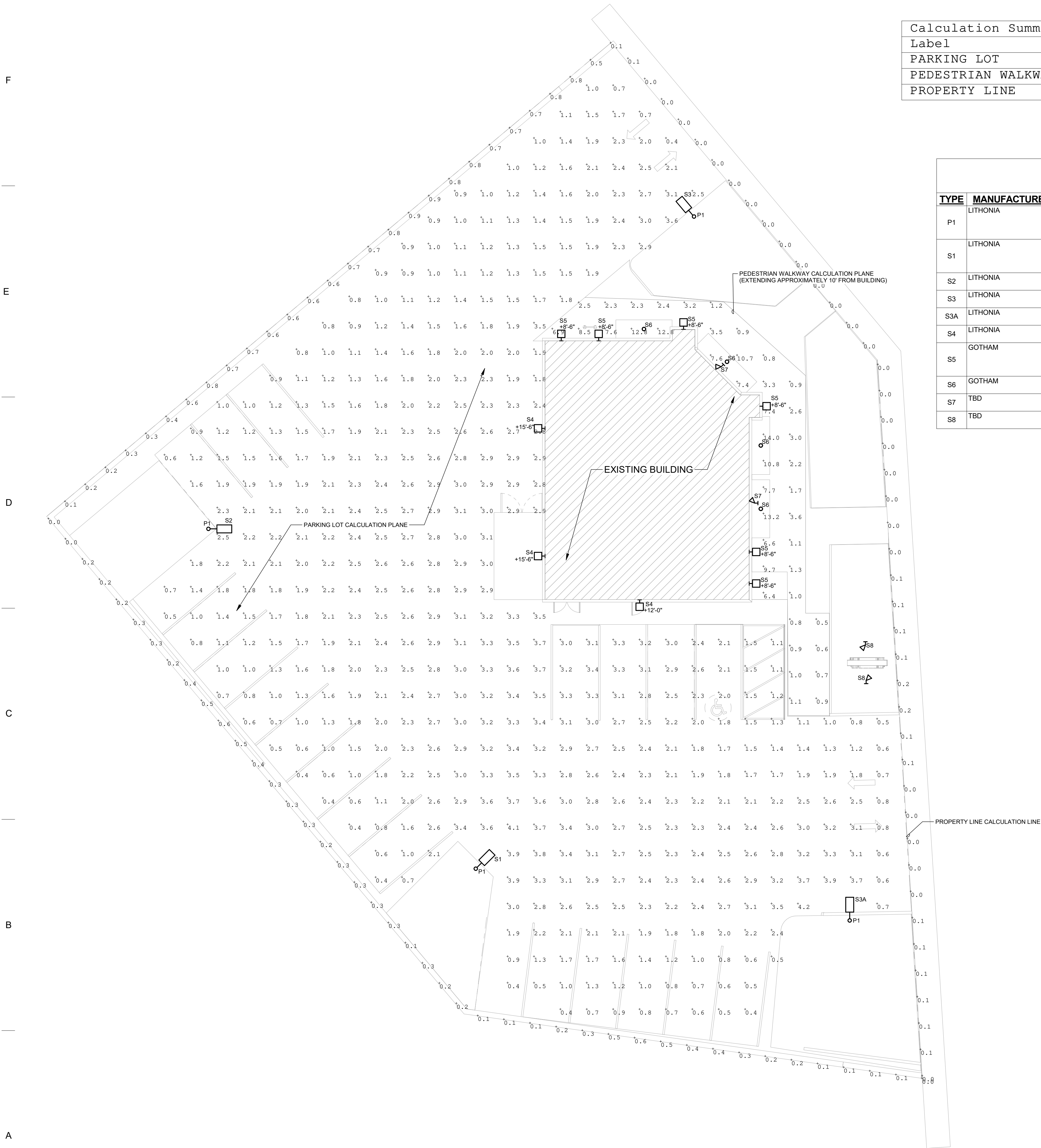


1 SITE LIGHTING PHOTOMETRIC PLAN

SCALE | 1" = 10'-0"



Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT	Illuminance	Fc	2.04	4.2	0.4	5.10	10.50
PEDESTRIAN WALKWAY	Illuminance	Fc	4.57	14.0	0.5	9.14	28.00
PROPERTY LINE	Illuminance	Fc	0.26	0.9	0.0	N.A.	N.A.

SITE LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	MODEL	DESCRIPTION	VOLTAGE	LOAD-VA	LAMP TYPE
P1	LITHONIA	RSS-20-5B-DM19AS-VD-DBLXD	20' ROUND STEEL SITE LIGHTING POLE. SINGLE ARM MOUNT AS INDICATED ON DRAWINGS BY FIXTURES SHOWN. EXTRA DURABLE STANDARD BLACK POWDER COAT FINISH. 0.120" THICK STEEL SHAFT. 5" DIAMETER. PROVIDE WITH OPTIONS: ALUMINUM BASE COVER AND SECOND MODE VIBRATION DAMPER.	120 V	0 VA	N/A
S1	LITHONIA	DSX1-LED-P4-30K-T4M-MVOL-T-RPA-XXX-HS-DBLXD	SITE LIGHTING POLE MOUNTED FIXTURE. DIE-CAST ALUMNUM HOUSING. BLACK POWDER COAT PAINT FINISH. TYPE IV DISTRIBUTION. INTEGRAL MOTION SENSOR WITH TIMED ON/OFF AND PHOTOCELL OVERRIDE CONTROLS. DARK SKY COMPLIANT. HOUSE-SIDE SHIELDED TO REDUCE LIGHT TRESPASS.	120 V	125 VA	LED, 10000LM, 3000K, 70CRI
S2	LITHONIA	DSX1-LED-P2-30K-TFTM-MVOL-T-RPA-XXX-HS-DBLXD	SIMILAR TO TYPE S1, TYPE TFTM LIGHT DISTRIBUTION.	120 V	70 VA	LED, 6400LM, 3000K, 70CRI
S3	LITHONIA	DSX1-LED-P1-30K-RCCO-MVOL-T-RPA-XXX-DBLXD	SIMILAR TO TYPE S1, TYPE RCCO LIGHT DISTRIBUTION.	120 V	54 VA	LED, 3845LM, 3000K, 70CRI
S3A	LITHONIA	DSX1-LED-P2-30K-RCCO-MVOL-T-RPA-XXX-DBLXD	SIMILAR TO TYPE S3, HIGHER LUMEN PACKAGE.	120 V	70 VA	LED, 5039LM, 3000K, 70CRI
S4	LITHONIA	DSXW1-LED-10C-1000-30K-T3S-MVOL-HS	WALL MOUNT AREA LIGHTING FIXTURE. TYPE T3S LIGHT DISTRIBUTION, BLACK FINISH, HOUSE SIDE SHIELDED, DARK SKY COMPLIANT.	120 V	39 VA	LED, 3099LM, 3000K, 70CRI
S5	GOTHAM	IC04UDWC-30/05-AR-LSS-ASY M-XXX-U05LM-U25D-XXX-MVO LT-GZ10-JBX-DBL	4" ROUND WALL MOUNT DIRECT/INDIRECT FIXTURE. ASYMMETRIC LIGHT DISTRIBUTION DIRECT, 25° BEAM DISTRIBUTION INDIRECT.	120 V	10 VA	LED, 500LM INDIRECT, 3000K, 80CRI
S6	GOTHAM	IC04SC-30/10-AR-LSS-65D-MVO LT-GZ10-JBX-DBL	4" ROUND SURFACE MOUNT FIXTURE, 65° LIGHT DISTRIBUTION.	120 V	10 VA	LED, 1000LM, 3000K, 80CRI
S7	TBD	TBD	LINEAR FAÇADE LIGHT, MOUNTED TO TOP OF CANOPY. FINAL FIXTURE SELECTION TBD. SPECIAL PURPOSE LIGHTING.	120 V	1 VA	LED
S8	TBD	TBD	GROUND MOUNT SIGN FLOOD LIGHT. FINAL FIXTURE SELECTION TBD. SPECIAL PURPOSE LIGHTING.	120 V	1 VA	LED

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COSTA MESA, CA 92627

CUP APPLICATION
11.03.21
Project #21-091



DESCRIPTION DATE

SITE LIGHTING
PHOTOMETRIC PLAN
E003

ATTACHMENT 7

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