

EXTERIOR LIGHTING DESIGN CRITERIA			CITY OF CAPE CORAL, FLORIDA LAND DEVELOPMENT CODE ARTICLE 5	
AREA DESCRIPTION		MAXIMUM INITIAL FOOT-CANDLES	MINIMUM INITIAL FOOT-CANDLES	UNIFORMITY RATIO MAX/MIN
PARKING LOT		3.0 FC	0.5 FC	12.0 / 1
STATISTICAL CALCULATION AREA ILLUMINANCE				
AREA DESCRIPTION	SYMBOL	AVERAGE INITIAL FOOT-CANDLES	MAXIMUM INITIAL FOOT-CANDLES	MINIMUM INITIAL FOOT-CANDLES
GENERAL PARKING	+	1.4 FC	3.0 FC	0.5 FC

### GENERAL NOTES - THIS SHEET

- COORDINATE FINAL LIGHT POLE LOCATIONS W/ LANDSCAPE ARCHITECT AND LANDSCAPE PLAN.
- ALL UNDERGROUND CONDUITS SHALL BE LOCATED AS NECESSARY TO NOT INTERFERE WITH SITE UTILITY (STORM, WATER, SANITARY, ETC.) WORK. COORDINATE WITH SITE UTILITY CONTRACTOR(S).
- REFER TO VOLTAGE DROP SCHEDULE FOR UPSIZED WIRES BASED ON LOAD AND LENGTH OF RUN.
- LIGHT POLE BASE TO WITHSTAND WINDS OF 160+ MPH. COORDINATE WITH STRUCTURAL ENGINEER.

### TAGGED NOTES - THIS SHEET

- 120V/1Ø 20 AMP LIGHTING CIRCUIT TO BE CONTROLLED VIA PHOTOCELL. WIRE TO AREA BUILDING HOUSE PANEL. SEE PANEL SCHEDULE.
- 120V/1Ø 20 AMP LIGHTING CIRCUIT TO BE CONTROLLED VIA PHOTOCELL. WIRE TO FITNESS PANEL CIRCUIT INDICATED. SEE PANEL SCHEDULE.
- EXISTING LIGHT FIXTURE INSTALLED DURING PHASE 1.

NOTE:  
E.C. TO CONFIRM ALL  
FIXTURE FINISHES AND  
COLOR TEMPERATURES  
WITH ARCHITECT BEFORE  
PURCHASE.

E.C. TO COORDINATE  
EXACT PLACEMENT OF ALL  
BLDG MOUNTED LIGHTS  
WITH ARCHITECTS AND  
ELEVATIONS BEFORE  
BEGINNING WORK.



3 FIXTURE ED & EE  
SCALE: NONE



2 FIXTURE EA, EB, & EC  
SCALE: NONE

### VOLTAGE DROP SCHEDULE

120V BRANCH CIRCUITS UP TO 8 AMPS (1 KVA)	
RUN DISTANCE (FT)	WIRE SIZE (COPPER AWG)
1' TO 120'	#12
121' TO 190'	#10
191' TO 300'	#8
301' TO 470'	#6
120V BRANCH CIRCUITS 9 AMPS TO 16 AMPS (1 - 1.7 KVA)	
RUN DISTANCE (FT)	WIRE SIZE (COPPER AWG)
1' TO 65'	#12
66' TO 110'	#10
111' TO 170'	#8
171' TO 270'	#6

NOTE:  
WIRE SIZES INDICATED IN GENERAL NOTES AND CONNECTIONS  
SCHEDULES ARE MINIMUM WIRE SIZES. CONTRACTOR SHALL  
UPSIZED WIRES BASED ON LOAD AND LENGTH OF RUN AS  
INDICATED IN SCHEDULE ABOVE.

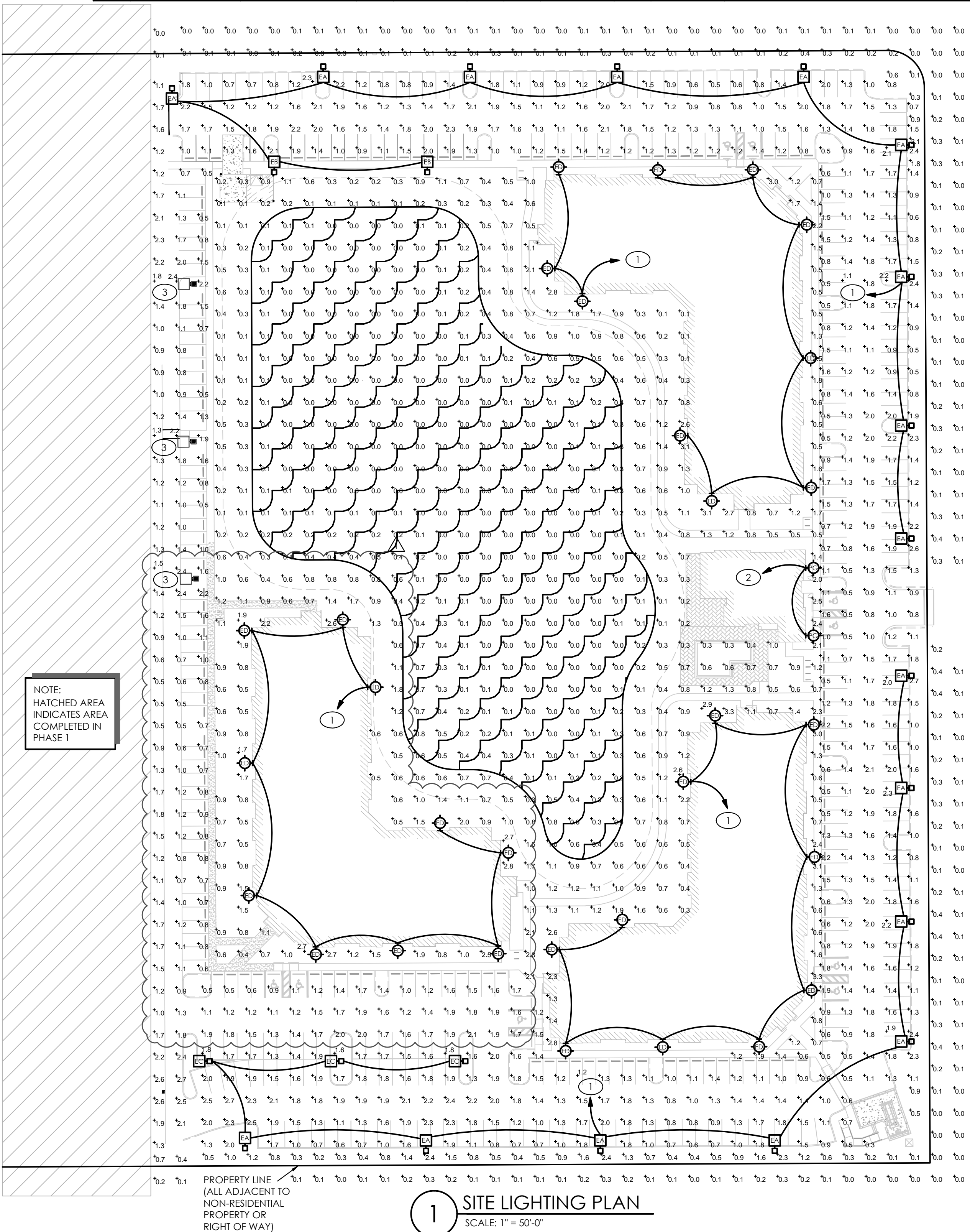
### PARKING LIGHTING FIXTURE SCHEDULE

MARK	MANUF.	CATALOG NUMBER	LAMP DATA		VOLTS	BALLAST DATA		INPUT WATTS	INITIAL LUMENS	IES DISTRIBUTION	MOUNTING	DESCRIPTION
			NO.	TYPE		NO.	TYPE					
EA	LITHONIA	DSX1-LED-40C-530-30K-14M-MVOLT-HS	1	LED	MVOLT	1	LED DRIVER	68	8,090	TYPE T4M	20' POLE	SQUARE AREA LIGHT FIXTURE W/ FULL CUT-OFF AND HOUSE-SIDE SHIELD. MOUNTED ON 20' TAPERED SQUARE STEEL POLE. 3000K COLOR TEMP.
EB	LITHONIA	DSX1-LED-40C-530-30K-14M-MVOLT	1	LED	MVOLT	1	LED DRIVER	68	8,090	TYPE T4M	20' POLE	SQUARE AREA LIGHT FIXTURE W/ FULL CUT-OFF MOUNTED ON 20' TAPERED SQUARE STEEL POLE. 3000K COLOR TEMP.
EC	LITHONIA	DSX1-LED-40C-700-30K-15M-MVOLT	1	LED	MVOLT	1	LED DRIVER	89	10,790	TYPE T5M	20' POLE	SQUARE AREA LIGHT FIXTURE W/ FULL CUT-OFF MOUNTED ON 20' TAPERED SQUARE STEEL POLE. 3000K COLOR TEMP.

NOTES:  
1. W/ PHILIPS GARDCO MODEL #: GTS-20-II-D1-BLP POLE (160+ MPH WIND RATED). POLE COLOR TO BE BLACK.  
2. MOUNTING HEIGHT = 20'  
3. COLOR TO BE BLACK. POLE AND FIXTURE COLOR TO MATCH.

### BUILDING LIGHTING FIXTURE SCHEDULE

MARK	MANUF.	CATALOG NUMBER	LAMP DATA		VOLTS	BALLAST DATA		INPUT WATTS	MOUNTING	DESCRIPTION
			NO.	TYPE		NO.	TYPE			
ED	LITHONIA	WSQ-LED-P4-SR4-30K-MVOLT	1	LED	MVOLT	1	LED DRIVER	61	WALL 20' MOUNT HEIGHT	LED WALL PACK. WET LOC. & COLD TEMP RATED. 5,991 LUMENS. 3000K TEMP. SR4 DISTRIBUTION. FULL CUT-OFF
PG	LITHONIA	WSQ-LED-P3-SR4-30K-MVOLT	1	LED	MVOLT	1	LED DRIVER	40	WALL 8.5' MOUNT HEIGHT	LED WALL PACK. WET LOC. & COLD TEMP RATED. 4,486 LUMENS. 3000K TEMP. SR4 DISTRIBUTION. FULL CUT-OFF



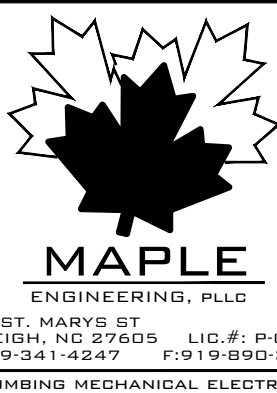
5711 SIX FORKS ROAD, SUITE 100  
RALEIGH NC 27609  
website www.planworx.com

Oasis at Surfside - Phase II

Zimmer Development Company

Cape Coral, Florida

PERMIT SET



708 BT. HARRIS ST.  
RALEIGH, NC 27605 L.L.C. # P 0090  
P 0112-241-4247 F 0119-890-3797  
PLUMBING MECHANICAL ELECTRICAL

PROGRESS DATE: 11/17/21

ISSUE DATE: 11/17/21

REVISIONS

NUMBER

DATE

INITIALS

DESCRIPTION

SITE PLAN

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10/20/21

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