

EXTERIOR LIGHTING DESIGN CRITERIA		CITY OF CAPE CORAL, FLORIDA LAND DEVELOPMENT CODE ARTICLES			
AREA DESCRIPTION		MAXIMUM INITIAL FOOT-CANDLES	MINIMUM INITIAL FOOT-CANDLES	UNIFORMITY RATIO MAX/MIN	UNIFORMITY RATIO AVG/MIN
PARKING LOT		3.0 FC	0.5 FC	12.0 / 1	4.0 / 1

STATISTICAL CALCULATION AREA ILLUMINANCE					
AREA DESCRIPTION	SYMBOL	AVERAGE INITIAL FOOT-CANDLES	MAXIMUM INITIAL FOOT-CANDLES	MINIMUM INITIAL FOOT-CANDLES	UNIFORMITY RATIO MAX/MIN
GENERAL PARKING	+	1.4 FC	3.0 FC	0.5 FC	10.0 / 1

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.



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 UPSIZE WIRES BASED ON LOAD AND LENGTH OF RUN AS INDICATED IN SCHEDULE ABOVE.

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.

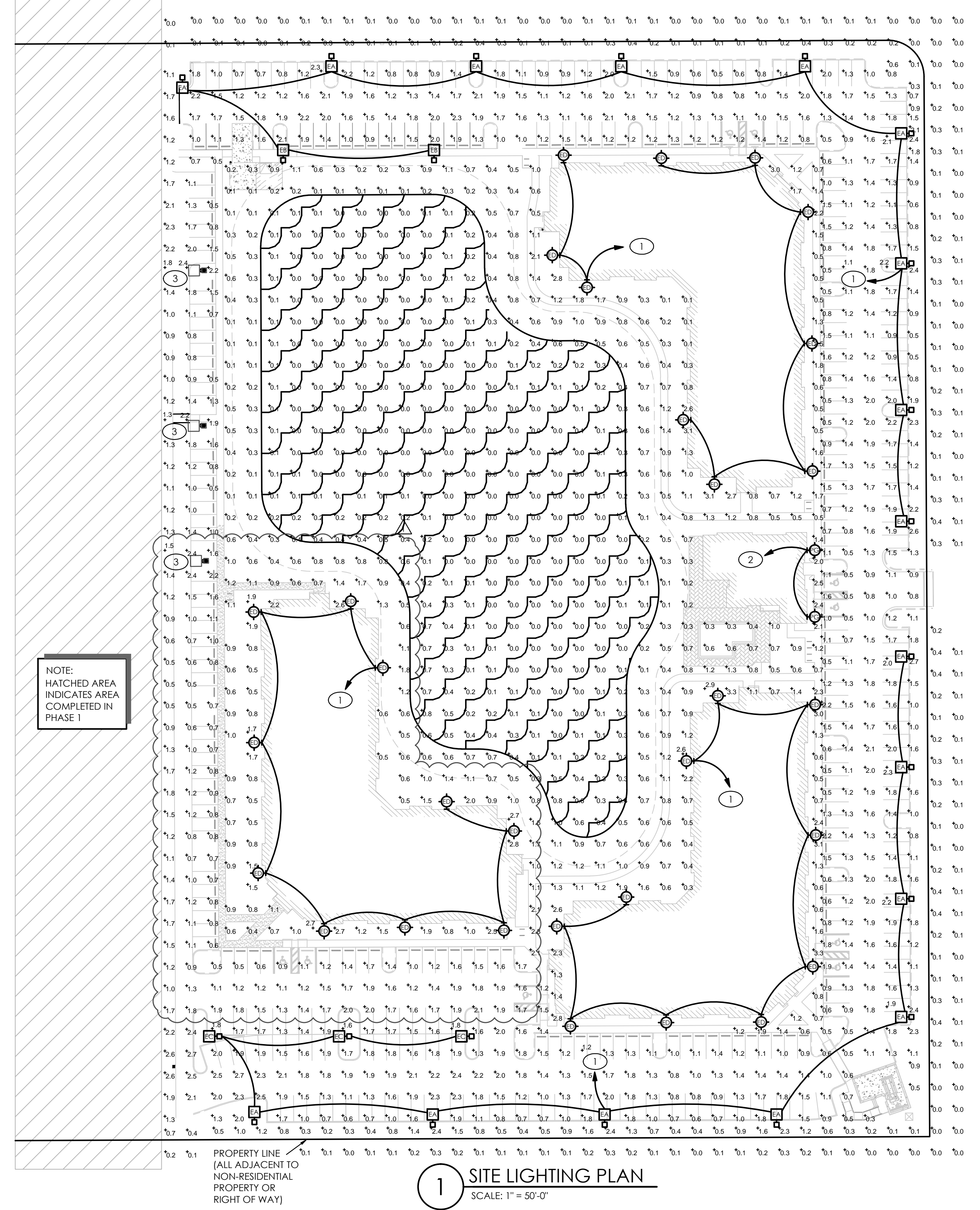
PARKING LIGHTING FIXTURE SCHEDULE

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/ PHILLIPS GARDCO MODEL #: GTS-20-II-D1-BL POLE (1160+ 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



NOTE: HATCHED AREA INDICATES AREA COMPLETED IN PHASE 1

1 SITE LIGHTING PLAN
SCALE: 1" = 50'-0"

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PROGRESS DATE:	10/15/21	
ISSUE DATE:		
REVISIONS:		
NUMBER	DATE INITIALS DESCRIPTION	
1	10.20.21	SITE PLAN
PROJECT NO:	002221	
DRAWN BY:	NIV	
CHECKED BY:	ZLT	
SHEET TITLE:	SITE LIGHTING PLAN	
SHEET NUMBER:	E7.01	

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