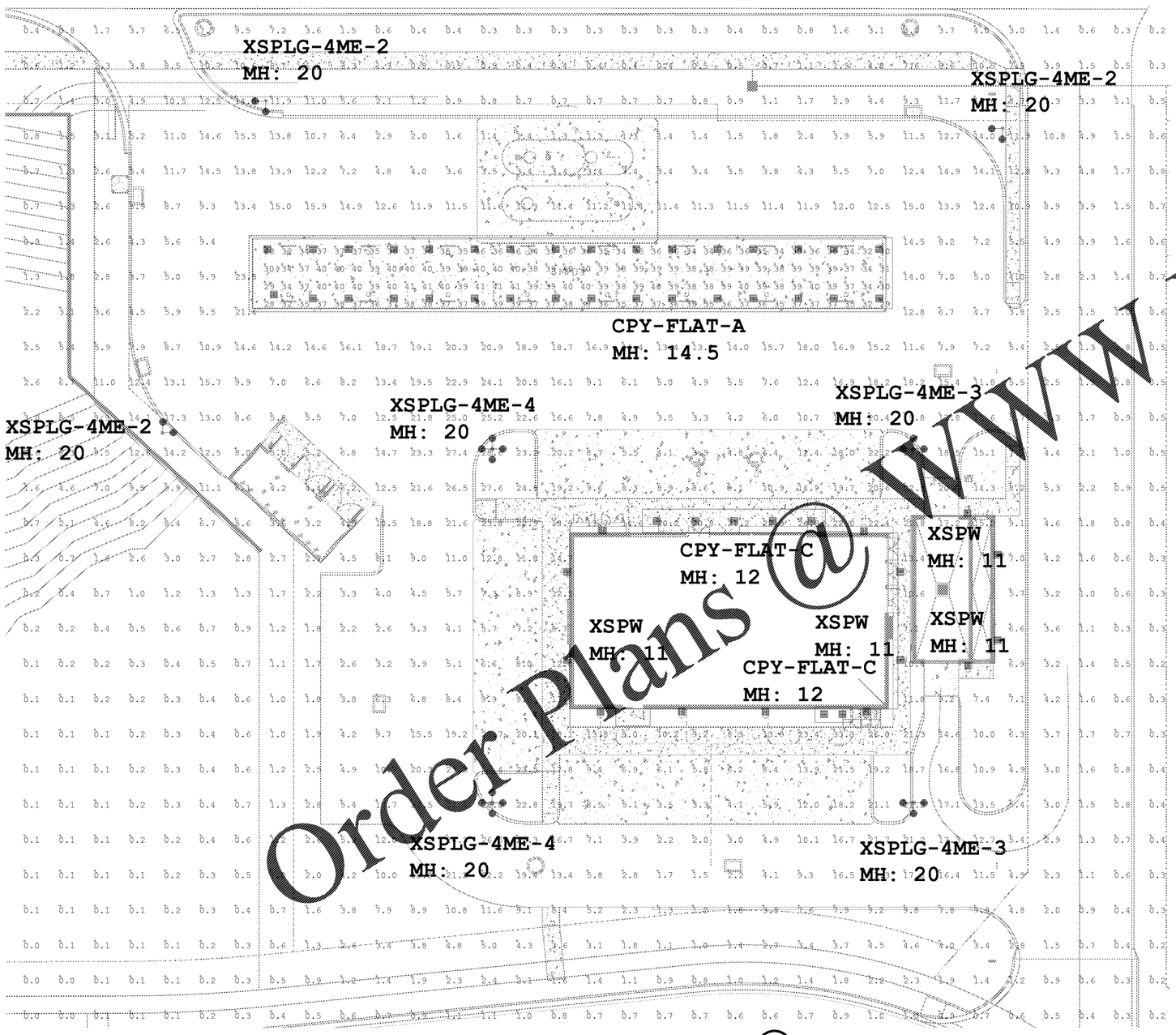
Luminaire Schedule

Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	32	CPY-FLAT-A	SINGLE	1.000	7720	60	CPY250-B-DM-F-A-UL-WH-57K-HZ
	7	CPY-FLAT-C	SINGLE	1.000	4520	31	CPY250-B-DM-F-C-UL-BZ-57K-HZ
	3	XSPLG-4ME-2	2 @ 90°	1.000	23600	184	XSPLG-D-HT-4ME-24L-57K7-UL-BZ-N
	2	XSPLG-4ME-3	3 @ 90°	1.000	23600	184	XSPLG-D-HT-4ME-24L-57K7-UL-BZ-N
	2	XSPLG-4ME-4	4 @ 90°	1.000	23600	184	XSPLG-D-HT-4ME-24L-57K7-UL-BZ-N
	14	XSPW	WALL MOUNT	1.000	4270	31	XSPW-B-WM-3ME-4L-57K-UL-BZ

Calculation Summary; 1.00 LLF

Label	Units	Avg	Max	Min	Avg/Min	Max/Min
All Calc Points	Fc	2.55	33.3	0.0	N.A.	N.A.
Gas Canopy	Fc	36.95	41	25	1.82	1.46
Paved Parking	Fc	18.22	41.0	1.2	15.18	34.17



1 SITE PHOTOMETRICS
1/16" = 1'-0"

EXTERIOR LIGHTING GUIDELINES

1. EXTERIOR LIGHTING SHALL INCLUDE ALL PARKING, CANOPY AREAS, AND WALKS PROVIDED WITH LED LIGHTING, MINIMUM 18 FT. HIGH, UNLESS PROHIBITED BY CODE, WITH ADEQUATE ILLUMINATION TO PROVIDE AN AVERAGE MINIMUM ACCEPTABLE LEVEL OF 3 FOOT CANDLES IN THE PARKING LOT AS REQUIRED BY APPLICABLE CODES, REGULATIONS OR LAWS.

2. GASOLINE DISPENSING ISLANDS / CANOPIES SHALL BE ILLUMINATED TO AN AVERAGE MINIMUM ACCEPTABLE LEVEL OF 30 FOOT-CANDLES / 300 LUX

3. ENTRIES, HIGH TRAFFIC AREAS SUCH AS AIR AND WATER, THE DUMPSTER ,DRIVES AND PARKING SHALL BE ILLUMINATED TO AN AVERAGE MINIMUM ACCEPTABLE LEVEL OF 10 FOOT-CANDLE / 100 LUX

4. STORE TO CANOPY WALK-WAY TO HAVE AN AVERAGE MINIMUM ACCEPTABLE LEVEL OF 10 FOOT-CANDLE / 100 LUX

5. STOREFRONT PARKING TO HAVE AN AVERAGE MINIMUM ACCEPTABLE LEVEL OF 10 FOOT-CANDLE / 100 LUX

6. 7-ELEVEN, INC AVERAGE MINIMUM ACCEPTABLE LEVEL OF ILLUMINATION FOR THE REST OF THE SITE IS 3 FOOT-CANDLE / 30 LUX

7. IF THE STORE DOES NOT HAVE SIDE WALL PARKING, THEN THE AVERAGE MINIMUM ACCEPTABLE LEVEL OF ILLUMINATION FOR THE BACKWALL AND SIDE OF STORE IS 8 FOOT-CANDLE / 80 LUX.

8. IF THE STORE DOES HAVE SIDE WALL PARKING, THEN THE AVERAGE MINIMUM ACCEPTABLE LEVEL OF ILLUMINATION FOR THAT SIDE OF STORE IS 10 FOOT-CANDLE / 100 LUX.

9. CALCULATION ZONE "PAVEMENT" TO BE THE DRIVABLE APPROACH AND WALKWAY NOT ALREADY DEFINED BY OTHER CALCULATION ZONES.

10. CALCULATION ZONE "SITE" TO BE ANY OTHER AREA NOT ALREADY DEFINED BY OTHER CALCULATION ZONES.

11. RATED OPERATING TEMPERATURE SHALL BE -40C TO 50C (-40F TO 122F).

12. LEDS TO BE 5,000 TO 5,800K COLOR TEMPERATURE DEPENDING ON THE LED FIXTURE APPLICATION

13. LED COLOR RENDERING INDEX (CRI) OF A MINIMUM 70

14. OPERATING VOLTAGE SHALL BE 120-277V, AT 50/60 HERTZ

15. WARRANTY SHALL BE A MINIMUM OF 5 YEARS INCLUDING THE POWER SUPPLY UNIT.

16. PROPOSED POLES TO MEET 180MPH SUSTAINED WIND LOADS.

FIXTURE MOUNTING HEIGHTS AS SHOWN
POLES MOUNTED ON 3' BASE

ADDITIONAL EQUIPMENT REQUIRED:
(7) SSS-4-7-17-CW-BS-OT-N-BZ (17' x 4" x 7ga STEEL SQUARE POLE, TENON)
(3) PD-2H4(90)BZ HORIZONTAL TENON 2@90
(2) PD-3H4(90)BZ HORIZONTAL TENON 3@90
(2) PD-4H4(90)BZ HORIZONTAL TENON 4@90

PROPOSED POES MEET 180MPH SUSTAINED WIND LOADS

*** CUSTOMER TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER ***

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Architects Engineers Planners

CLIENT NAME
BLACKFIN PARTNERS INVESTMENTS, INC.
4400 PGA BLVD, SUITE 600
PALM BEACH GARDENS, FL 33410

PROJECT NAME
7-ELEVEN #41795 - OCALA, FL
9000 BLOCK OF SE MARICAMP ROAD
OCALA, FL 34470

SHEET TITLE
SITE PHOTOMETRICS

JASON PRADEEP MORRISON
LICENSE
No 76917
STATE OF FLORIDA
PROFESSIONAL ENGINEER
12/18/2020

RELEASE

PROJECT NO. 2200355
DATE 12/17/2020
DRAWN SI
CHECKED JS

E2.4

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