POLE MOUNTING NOTES

POLE LIGHT FIXTURES DESIGNED FOR USE WITH HUBBELL SSS-H-40-A POLE, NO GREATER THAN 18'-0" TALL.

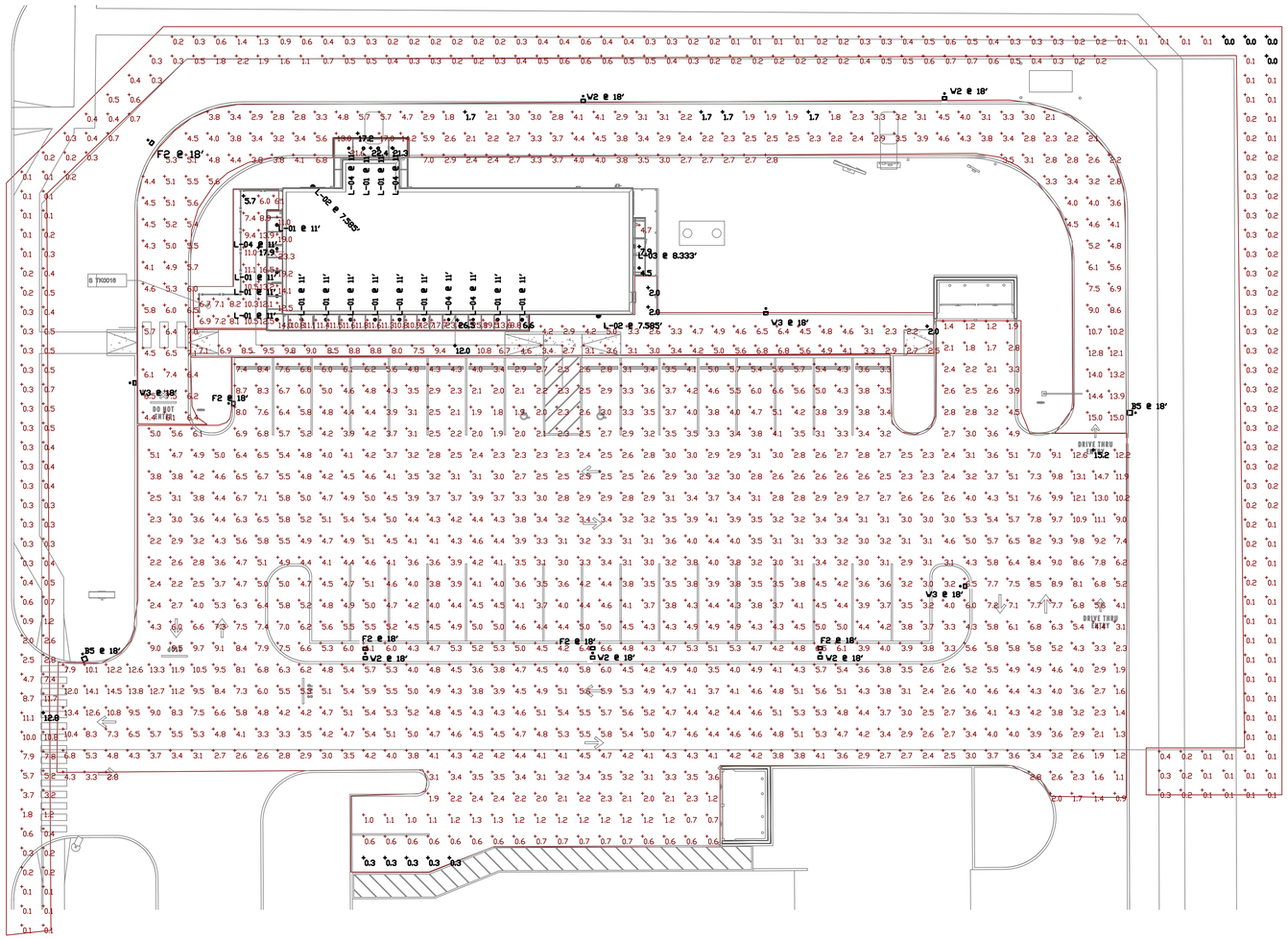
THESE ARE DESIGNED AROUND AN ESTIMATED 140 MPH WIND SPEED PER THE AASHTO WIND MAP DATA AND LOCALLY AMENDED IBC INSTRUCTIONS.

PHOTOMETRIC NOTES

ALL FIXTURE HEIGHTS ASSUME A BASELINE ELEVATION OF 0" A.F.F. AT THE CONSTRUCTED BUILDING'S FINISHED FLOOR SLAB. FIXTURE HEIGHTS GIVEN WHEN MOUNTED TO THE BUILDING ARE FOR THE CENTERLINE MOUNTING HEIGHT. FIXTURE HEIGHTS GIVEN WHERE POLE MOUNTED OR RECESSED ARE GIVEN FOR THE BOTTOM OF THE LENS OF THE LUMINAIRE AND DO NOT REFLECT THE HEIGHT OF THE POLE, BASE OR THE FIXTURE ITSELF.

LIGHTING SHOWN IS DESIGNED BASED ON THE WRITTEN LANDLORD'S CONTRACTOR LETTER TO DETERMINE FIXTURE OUTPUTS AND DISTRIBUTION AS TO MEET THE WRITTEN FOOT-CANDLE LEVELS REQUIRED. FIXTURES PER THE SCHEDULE MUST BE SEPARATELY APPROVED BY THE LANDLORD'S CONTRACTOR AND TENANT PRIOR TO PURCHASE AND INSTALLATION. ALTERNATIVE FIXTURES SHALL BE PROVIDED AS A SUBMITTAL TO THE ENGINEER FOR REVIEW. SUBMITTAL FOR THER PROPOSED ALTERNATIVE FIXTURE SHALL INCLUDE A PRODUCT DATA SHEET AND PHOTOMETRIC STUDY FOR COMPARISON TO THE PHOTOMETRIC STUDY PROVIDED HERE IN AS THE BASIS OF DESIGN. .

PHOTOMETRIC CALCULATIONS AS DRAWN FACTOR THE SHELL CONSTRUCTION ONLY AND ASSUME NO TOPIARY, FOLIAGE, TREES OR OTHER BOUNDARIES, BARRIERS OR OBSTRUCTIONS THAT MAY BE PRESENT. LIGHT LEVELS SHOWN DO NOT REFLECT ADDITIONAL BOUNDARIES, OBSTRUCTIONS, TENANT CONSTRUCTION, ELEVATION CHANGES, OR EXISTING FIXTURES OR LIGHTING PROVIDED AWAY FROM THE SITE, AND MAY NOT FULLY REFLECT FINAL CONDITIONS OR CONSTRUCTION.



Plan View
Scale - 1/16" = 1ft

1 SITE AND DRIVE THRU PHOTOMETRIC PLAN
Scale: 1/16" = 1'-0"

Schedule

Symbol	Label	Quantity	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Wattage
	L-02	2	258377-1 MOD#:11251/CP133537	LED WALL CYLINDER	1	574	14.7
	L-03	1	WDGE2 LED P1 30K 90CRI VF	WDGE2 LED WITH P1 - PERFORMANCE PACKAGE, 2700K, 90CRI, VISUAL COMFORT FORWARD OPTIC	1	1166	9.81
	L-04	5	LBR6 ALO2 (1500LM) SWW1 (3000K) AR LSS MWD 90CRI	6IN LBR Retrofit 1500LM 3000K Clear Semi--Specular Medium Wide 90CRI		1683	18.74
	L-01	14	JSF 7IN 10LM 40K 90CRI MVOLT ZT WH	Round Edgelit (Slimform) Surface Mount, 4000K, 90CRI, MV	1	1135	12.8
	F2	5	ALT1-28L-85-3k9-4	ALTITUDE 2.0	1	9170	86
	B5	2	ALT2-100L-200-3k9-2	ALTITUDE 2.0	1	22172	198
	W2	5	ALT1-28L-85-3k9-3	ALTITUDE 2.0	1	9161	86
	W3	3	ALT1-54L-120-3k9-3	ALTITUDE 2.0	1	13661	122
	F4	0	ALT2-100L-160-3k9-4	ALTITUDE 2.0	1	19532	160

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
DT Lane	+	4.8 fc	17.2 fc	1.7 fc	10.1:1	2.8:1
Front Canopy	+	14.6 fc	26.5 fc	6.6 fc	4.0:1	2.2:1
Outside property line	+	0.7 fc	12.8 fc	0.0 fc	N/A	N/A
Parking Area	+	4.4 fc	15.2 fc	0.3 fc	50.7:1	14.7:1
Patio Area	+	9.9 fc	17.9 fc	5.7 fc	3.1:1	1.7:1
Rear Canopy	+	5.7 fc	7.9 fc	4.5 fc	1.8:1	1.3:1
Storefront Sidewalk	+	5.2 fc	12.0 fc	2.0 fc	6.0:1	2.6:1
DT Canopy	+	21.8 fc	22.4 fc	21.3 fc	1.1:1	1.0:1

NEWGROUND
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MATTHEW CASE
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PROFESSIONAL ENGINEER
10/08/24

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Revisions:

#	Description	Date

Issue Date:	09/04/24
Designer:	M. FERGUSON
Drawn By:	M. FERGUSON
Check By:	A. HERNANDEZ
Project No:	Q -511220002
Package:	100% CD SET

Title:
ELECTRICAL PHOTOMETRICS

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E302