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STARBUCKS SHELL BUILDING
OWL PLACE CO
7885 MERIDIAN PARK DR.
PEYTON, CO 80831

| Revisions: | | |
|------------|---------------|------------|
| # | Description | Date |
| 1 | CITY COMMENTS | 11/25/2024 |

Issue Date: 11/25/2024
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Title:
ELECTRICAL
PHOTOMETRICS

Sheet No.
E302

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 THEIR 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.

| Symbol | Label | Quantity | Catalog Number | Description | Number Lamps | Lumens Per Lamp | Wattage |
|--------|-------|----------|---------------------------------------|---|--------------|-----------------|---------|
| | L-02 | 2 | 258377-1 MDD#11251/CP133537 | LED WALL CYLINDER | 1 | 574 | 14.7 |
| | L-03 | 1 | WDGE2 LED P1 30K 80CRI VF | WDGE2 LED WITH P1 - PERFORMANCE PACKAGE, 2700K, 80CRI, VISUAL COMFORT FORWARD OPTIC | 1 | 1166 | 9.81 |
| | L-01 | 14 | JSF 71N 10LM 40K 90CRI MVDLT 2T VH | JSF Round Edgellit (SlimForm) Surface Mount, 4000K, 90CRI, MV | 1 | 1135 | 12.8 |
| | F2 | 3 | ALTI-28L-85-3k9-4 | ALTITUDE 2.0 | 1 | 9170 | 86 |
| | W3 | 2 | ALTI-54L-120-3k9-3 | ALTITUDE 2.0 | 1 | 13661 | 122 |
| | W1 | 3 | ALTI-28L-60-3k9-3 | ALTITUDE 2.0 | 1 | 6939 | 60 |
| | B2 | 1 | ALTI-28L-85-3k9-2 | ALTITUDE 2.0 | 1 | 9048 | 86 |
| | F1 | 1 | ALTI-28L-60-3k9-4 | ALTITUDE 2.0 | 1 | 6946 | 60 |
| | W1-BC | 2 | ALTI-28L-60-3k9-3 | ALTITUDE 2.0 | 1 | 4200 | 60 |
| | W2-BC | 2 | ALTI-28L-85-3k9-3 | ALTITUDE 2.0 | 1 | 5545 | 86 |
| | B1-BC | 1 | ALTI-28L-60-3k9-2 | ALTITUDE 2.0 | 1 | 4182 | 60 |
| | B2 | 1 | ALTI-28L-85-3k9-2 | ALTITUDE 2.0 | 1 | 9048 | 86 |

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|-----------------------------------|--------|--------|--------|--------|---------|---------|
| DT Lane | + | 2.9 fc | 7.0 fc | 0.4 fc | 17.5:1 | 7.3:1 |
| Front Canopy | + | 8.6 fc | 9.8 fc | 5.8 fc | 1.7:1 | 1.5:1 |
| Parking Area | + | 3.9 fc | 8.4 fc | 0.1 fc | 84.0:1 | 39.0:1 |
| Patio Area | + | 4.6 fc | 7.5 fc | 2.4 fc | 3.1:1 | 1.9:1 |
| Property Line (Meridian Park Dr.) | | 0.1 fc | 0.1 fc | 0.0 fc | N/A | N/A |
| Property Line (Meridian Rd) | + | 0.1 fc | 0.1 fc | 0.0 fc | N/A | N/A |
| Property Line (Dwl PL) | + | 0.1 fc | 0.1 fc | 0.0 fc | N/A | N/A |
| Rear Canopy | + | 6.0 fc | 8.1 fc | 4.6 fc | 1.8:1 | 1.3:1 |
| Storefront Sidewalk | + | 4.6 fc | 8.1 fc | 1.9 fc | 4.3:1 | 2.4:1 |
| DT Canopy | + | 6.1 fc | 6.9 fc | 5.4 fc | 1.3:1 | 1.1:1 |

