



Plan View
 Scale: 1/8" = 1'-0"

Existing Lighting Survey Notes
 1. Readings are shown in units of maintained footcandles.
 2. Test Point = 48" AFF.
 3. Test Point = 0' AFF.
 4. Fixture Mounting Height = 20' AFF for all pole-mounted area lights, 12' for wall packs; 15' for under-canopy lights; see fixture location schedule.
 5. Building Reflectance Value = 10/10/10
 6. Building Spacing = See Fixture Locations Schedule
 7. Fixture Spacing = See Fixture Locations Schedule
 8. These lighting calculations are not a substitute for independent engineering analysis of lighting system suitability and safety.

| Symbol | Label | Image | Quantity | Manufacturer | Catalog Number | Description | Light Loss Factor | Wattage |
|--------|-------|-------|----------|-------------------|--|---|-------------------|---------|
| | R4HS | | 1 | Lithonia Lighting | DSX1 LED P4 40K T4M MVOLT HS | DSX1 LED P4 40K T4M MVOLT with houseside shield | 0.92 | 125 |
| | W3 | | 9 | Lithonia Lighting | KAXW LED P3 40K R4 MVOLT | Wall Pack, Higher Lumen | 0.92 | 79 |
| | R2HS | | 5 | Lithonia Lighting | DSX1 LED P4 40K T2S MVOLT HS | DSX1 LED P4 40K T2S MVOLT with houseside shield | 0.92 | 125 |
| | W1 | | 6 | Lithonia Lighting | KAXW LED P1 40K R3 MVOLT | Wall Pack, Lower Lumen | 0.92 | 29 |
| | C | | 8 | Lithonia Lighting | CSVT L48 5000LM MVOLT 40K 80CRL | Connector Select LED Vapor Tite, 48", 5000LM, 120-277V/4000K, 80 CRI | 0.95 | 41,99 |
| | D | | 1 | News Flex LED | Custom Build - Coordinate with Lighting Vendor | LED T-Bar Light 4800K, 360 lumens per linear foot, Enclosed in Aluminum Channel | 0.5 | 7 |

| No. | Label | X | Y | Z | RH | Orientation | FTL | X | Y | Z |
|-----|-------|---------|--------|-------|-------|-------------|------|---------|--------|--------|
| 1 | R2HS | 262.50 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 446.65 | 262.50 | 262.50 |
| 2 | R2HS | 446.65 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 446.65 | 446.65 | 262.50 |
| 3 | R2HS | 631.23 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 631.23 | 262.50 | 262.50 |
| 4 | R2HS | 815.81 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 815.81 | 262.50 | 262.50 |
| 5 | R2HS | 1000.39 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 1000.39 | 262.50 | 262.50 |
| 6 | R2HS | 1184.97 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 1184.97 | 262.50 | 262.50 |
| 7 | R2HS | 1369.55 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 1369.55 | 262.50 | 262.50 |
| 8 | R2HS | 1554.13 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 1554.13 | 262.50 | 262.50 |
| 9 | R2HS | 1738.71 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 1738.71 | 262.50 | 262.50 |
| 10 | R2HS | 1923.29 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 1923.29 | 262.50 | 262.50 |
| 11 | R2HS | 2107.87 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 2107.87 | 262.50 | 262.50 |
| 12 | R2HS | 2292.45 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 2292.45 | 262.50 | 262.50 |
| 13 | R2HS | 2477.03 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 2477.03 | 262.50 | 262.50 |
| 14 | R2HS | 2661.61 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 2661.61 | 262.50 | 262.50 |
| 15 | R2HS | 2846.19 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 2846.19 | 262.50 | 262.50 |
| 16 | R2HS | 3030.77 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 3030.77 | 262.50 | 262.50 |
| 17 | R2HS | 3215.35 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 3215.35 | 262.50 | 262.50 |
| 18 | R2HS | 3400.93 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 3400.93 | 262.50 | 262.50 |
| 19 | R2HS | 3585.51 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 3585.51 | 262.50 | 262.50 |
| 20 | R2HS | 3770.09 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 3770.09 | 262.50 | 262.50 |
| 21 | R2HS | 3954.67 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 3954.67 | 262.50 | 262.50 |
| 22 | R2HS | 4139.25 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 4139.25 | 262.50 | 262.50 |
| 23 | R2HS | 4323.83 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 4323.83 | 262.50 | 262.50 |
| 24 | R2HS | 4508.41 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 4508.41 | 262.50 | 262.50 |
| 25 | R2HS | 4692.99 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 4692.99 | 262.50 | 262.50 |
| 26 | R2HS | 4877.57 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 4877.57 | 262.50 | 262.50 |
| 27 | R2HS | 5062.15 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 5062.15 | 262.50 | 262.50 |
| 28 | R2HS | 5246.73 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 5246.73 | 262.50 | 262.50 |
| 29 | R2HS | 5431.31 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 5431.31 | 262.50 | 262.50 |
| 30 | R2HS | 5615.89 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 5615.89 | 262.50 | 262.50 |
| 31 | R2HS | 5800.47 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 5800.47 | 262.50 | 262.50 |
| 32 | R2HS | 5985.05 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 5985.05 | 262.50 | 262.50 |
| 33 | R2HS | 6169.63 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 6169.63 | 262.50 | 262.50 |
| 34 | R2HS | 6354.21 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 6354.21 | 262.50 | 262.50 |
| 35 | R2HS | 6538.79 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 6538.79 | 262.50 | 262.50 |
| 36 | R2HS | 6723.37 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 6723.37 | 262.50 | 262.50 |
| 37 | R2HS | 6907.95 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 6907.95 | 262.50 | 262.50 |
| 38 | R2HS | 7092.53 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 7092.53 | 262.50 | 262.50 |
| 39 | R2HS | 7277.11 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 7277.11 | 262.50 | 262.50 |
| 40 | R2HS | 7461.69 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 7461.69 | 262.50 | 262.50 |
| 41 | R2HS | 7646.27 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 7646.27 | 262.50 | 262.50 |
| 42 | R2HS | 7830.85 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 7830.85 | 262.50 | 262.50 |
| 43 | R2HS | 8015.43 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 8015.43 | 262.50 | 262.50 |
| 44 | R2HS | 8200.01 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 8200.01 | 262.50 | 262.50 |
| 45 | R2HS | 8384.59 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 8384.59 | 262.50 | 262.50 |
| 46 | R2HS | 8569.17 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 8569.17 | 262.50 | 262.50 |
| 47 | R2HS | 8753.75 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 8753.75 | 262.50 | 262.50 |
| 48 | R2HS | 8938.33 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 8938.33 | 262.50 | 262.50 |
| 49 | R2HS | 9122.91 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 9122.91 | 262.50 | 262.50 |
| 50 | R2HS | 9307.49 | 262.50 | 15.00 | 15.00 | 0.00 | 0.00 | 9307.49 | 262.50 | 262.50 |

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|----------------|--------|--------|--------|--------|---------|---------|
| Paved Area | + | 3 FC | 1.0 FC | 0 FC | N/A | N/A |
| Property Line | + | 0.0 FC | 0.1 FC | 0.0 FC | N/A | N/A |
| Upper Canopy 1 | + | 7 FC | 1.6 FC | 2 FC | 8.0:1 | 3.5:1 |
| Upper Canopy 2 | + | 7 FC | 1.6 FC | 2 FC | 8.0:1 | 3.5:1 |
| Upper Canopy 3 | + | 7 FC | 1.6 FC | 2 FC | 8.0:1 | 3.5:1 |