

| Symbol | Qty | Label | Arrangement | Lumens/Lamp | LLF | Total Watts | Description |
|--------|-----|--------|-------------|-------------|-------|-------------|----------------------------------|
| 4 | 4 | 2M-E | SINGLE | 11835 | 0.950 | 532 | ARE-EDG-2M-DA-08-E-UL-SV-525-40K |
| 7 | 7 | 3M-E | SINGLE | 11220 | 0.950 | 931 | ARE-EDG-3M-DA-08-E-UL-SV-525-40K |
| 10 | 10 | 4M-E | SINGLE | 11835 | 0.950 | 1330 | ARE-EDG-4M-DA-08-E-UL-SV-525-40K |
| 8 | 8 | 5M-E | SINGLE | 12450 | 0.950 | 799 | ARE-EDG-5M-DA-08-E-UL-SV-525-40K |
| 20 | 20 | 5M-E-2 | BACK-BACK | 12450 | 0.950 | 5320 | ARE-EDG-5M-DA-08-E-UL-SV-525-40K |

| Label | Footcandles calculated using predicted lumen values after 50K hours of operation | | | |
|---------------|--|-----|-----|---------|
| | Avg | Max | Min | Avg/Min |
| Parking Deck | 1.78 | 4.5 | 0.5 | 3.56 |
| Site Lighting | 1.59 | 3.2 | 0.5 | 3.18 |

Fixture Mounting Height:
 Pole Mounted: 17, 30' AFG (27' pole + 3.0' Base)
 10, 22' AFG (20' Pole + 2.0' Base)

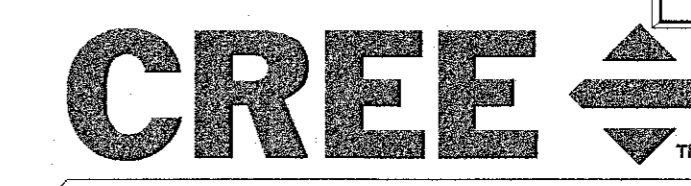
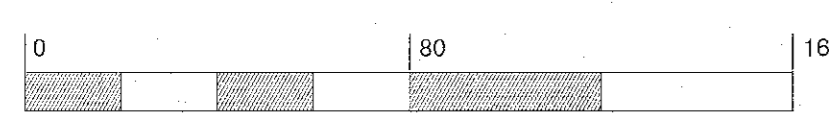
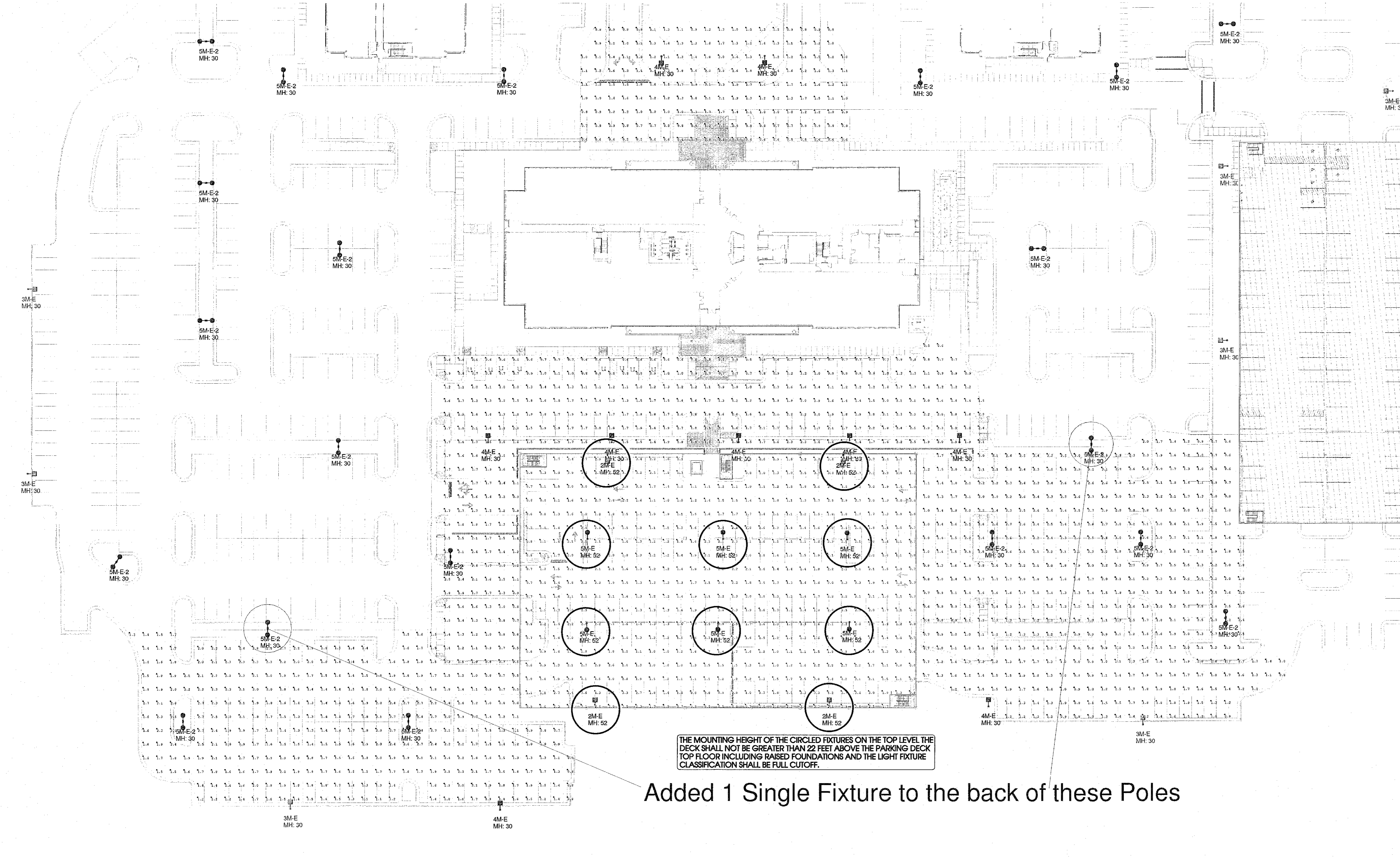
Proposed Poles Meets 120MPH Sustained Winds.

Additional Required Equipment:
 (6) - PS4S27R2SV - (27' X 4" X 0.125", Steel Square Pole, Back to Back)
 (11) - PS4S27R1SV - (27' X 4" X 0.125", Steel Square Pole, Side Arm Mount)
 (10) - PS4S20C1SV - (20' X 4" X 0.125", Steel Square Pole, Back to Back)

Customer to verify Color, Mounting, Fixture Location and Voltage prior to ordering.

THE MOUNTING HEIGHT OF THE CIRCLED FIXTURES ON THE TOP LEVEL THE DECK SHALL NOT BE GREATER THAN 22 FEET ABOVE THE PARKING DECK TOP FLOOR INCLUDING RAISED FOUNDATIONS AND THE LIGHT FIXTURE CLASSIFICATION SHALL BE FULL CUTOFF.

Added 1 Single Fixture to the back of these Poles



Customer responsible to verify ordering information/catalogue number prior to placing order.

1200 69rd Street - Shattoham, WI 53177
 www.cree.com - (800) 236-6900

Project Name: Centregreen Park 4025 Centregreen Way - Site Lighting SR-13171
 Date: 8/11/2016 Scale: 1"=40' Footcandles calculated at grade
 Filename: S:\S-OUT\160317CP1C\JWR7.AGI Layout by: Collin Withrow

Illumination results shown on this lighting design are based on project parameters provided to Cree, Inc. used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying dimensional accuracy along with compliance with any applicable electrical, lighting, or energy code.

Town of Cary Project # 16-SP-049
 Town of Cary HTE # 17-0052
 Approved by the Town of Cary
 Development Review Committee

Planner: *K. Nelson* Date: 21 Sep 2016

WithersRavenel
 Engineers | Planners | Surveyors
 115 Mackinnon Drive | Cary, NC 27511 | 919.468.3340 | license #C-08321 | www.withersravenel.com

Seal

| Revisions | | |
|-----------|-------------------|---------|
| 1 | Grading Revisions | 7/21/16 |
| 2 | SD Revisions | 7/27/16 |
| 3 | SD Revisions | 8/1/16 |
| 4 | Cary 1st Comments | 8/11/16 |
| 5 | Cary 2nd Comments | 8/30/16 |
| 6 | Master Set | 9/20/16 |

CENTREGREEN PARK AT WESTON
 5025 CENTREGREEN WAY
 WAKE COUNTY
 NORTH CAROLINA
 CARY

JOB NO. 2130060.00
 DRAWN BY DW/RSF
 CHECKED BY WR
 DATE ISSUED 7/14/16
 SCALE AS SHOWN
 Sheet No. **5**