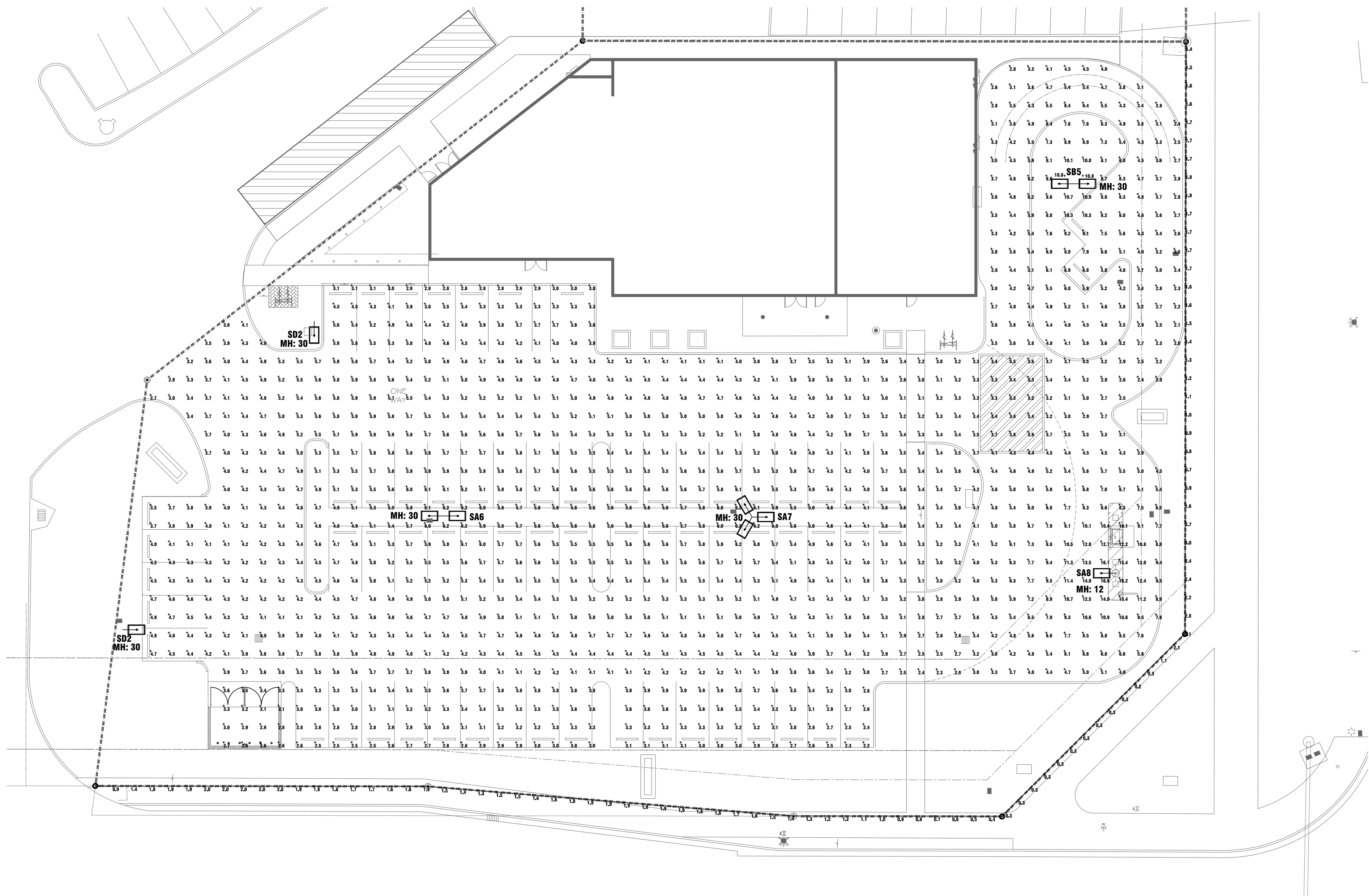




| Luminaire Schedule                                        |     |       |                                                             |             |       |       |       |       |            |             |
|-----------------------------------------------------------|-----|-------|-------------------------------------------------------------|-------------|-------|-------|-------|-------|------------|-------------|
| Project: MARGATE RETAIL - SITE - REV4 --- MAR - 31 - 2017 |     |       |                                                             |             |       |       |       |       |            |             |
| Symbol                                                    | Qty | Label | Description                                                 | Lumens/Lamp | LLD   | LDD   | BF    | LLF   | Lum. Watts | Total Watts |
|                                                           | 1   | SA6   | PHILIPS GARDCO ECF-L-96L-1A-NW-G2-5W POLE MOUNT 30' A.F.G.  | N.A.        | 0.900 | 0.900 | 1.000 | 0.810 | 313.5      | 627         |
|                                                           | 1   | SA7   | PHILIPS GARDCO ECF-L-96L-1A-NW-G2-5W POLE MOUNT 30' A.F.G.  | N.A.        | 0.900 | 0.900 | 1.000 | 0.810 | 313.5      | 940.5       |
|                                                           | 1   | SA8   | PHILIPS GARDCO ECF-L-80L-1_2A-NW-G2-5 POLE MOUNT 12' A.F.G. | N.A.        | 0.900 | 0.900 | 1.000 | 0.810 | 301.6      | 301.6       |
|                                                           | 1   | SB5   | PHILIPS GARDCO ECF-L-80L-900-NW-G2-2 POLE MOUNT 30' A.F.G.  | N.A.        | 0.900 | 0.900 | 1.000 | 0.810 | 223        | 446         |
|                                                           | 2   | SD2   | PHILIPS GARDCO ECF-L-80L-900-NW-G2-4 POLE MOUNT 30' A.F.G.  | N.A.        | 0.900 | 0.900 | 1.000 | 0.810 | 223        | 446         |

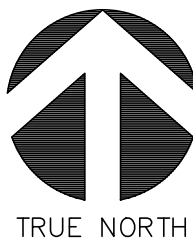
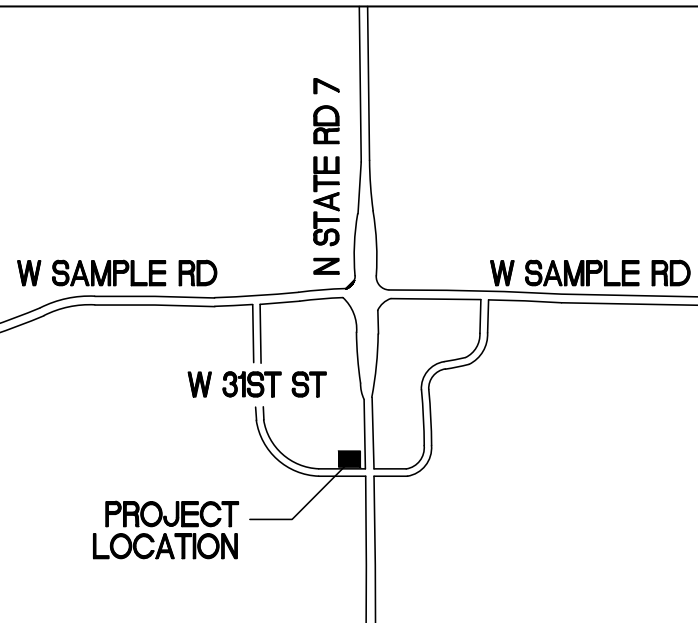
| Calculation Summary                                       |       |      |      |         |         |
|-----------------------------------------------------------|-------|------|------|---------|---------|
| Project: MARGATE RETAIL - SITE - REV4 --- MAR - 31 - 2017 |       |      |      |         |         |
| Label                                                     | Avg   | Max  | Min  | Avg/Min | Max/Min |
| SITE                                                      | 4.70  | 16.9 | 2.0  | 2.35    | 8.45    |
| SPILL - HORIZ, 6' AG                                      | 1.42  | 3.0  | 0.2  | 7.10    | 15.00   |
| ATM                                                       | 11.30 | 12.7 | 10.4 | 1.09    | 1.22    |

PRIOR TO SUBMITTING THE BID, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND INFORM THE ARCHITECT AND THE ENGINEER OF ANY DISCREPANCY BETWEEN THESE DOCUMENTS AND THE EXISTING CONDITIONS AND SHALL INCLUDE IN THE BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT, ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER CONTRACT HAS BEEN AWARDED. NO CHANGES SHALL BE MADE TO THESE PLANS WITHOUT PRIOR APPROVAL FROM THE ENGINEER OF RECORD. ALL CHANGES SHALL BE SUBMITTED FOR REVIEW PRIOR TO INSTALLATION. NOT FOR BID UNTIL PERMIT HAS BEEN ISSUED.

PERMIT SET: 01/17/17

300 LOCK ROAD, SUITE #302  
DEERFIELD BEACH, FLORIDA 33442  
TEL: (561) 391-9292 FAX: (561) 391-9898  
CERTIFICATE OF AUTHORIZATION NO. 28107  
URSULA IAPRANTE, P.E. LICENSE #73122  
STEPHEN F. ROLLIN, P.E. LICENSE #36428  
DONALD H. AUSTIN, JR., P.E. LICENSE #60651  
JASON BARBER, P.E. LICENSE #73050  
E-MAIL: INFO@FAECONSULTING.COM  
DESIGNED BY: KW PM: AN P/N 16147

LOCATION MAP



D.R.C.  
SUBMITTAL  
4.11.2017

REVISIONS

| Drawing Title               |                   |
|-----------------------------|-------------------|
| SITE<br>PHOTOMETRIC<br>PLAN |                   |
| Scale                       | Project No. 16147 |
| Project No.                 | Date 01/17/17     |
| Principal:                  | UI/SR             |
| Project Director:           |                   |
| Project Manager:            | AN                |
| Drafted by:                 | KW                |
| Checked by:                 | SR                |

Sheet No.  
**EP1.1**

**RLC Architects**  
14 SE 4th Street, Boca Raton, FL 33432  
Tel: 561.393.0555 Fax: 561.395.0007  
www.rlcarchitects.com  
REGISTERED ARCHITECTS, P.A. - 2015  
STATE OF FLORIDA REGISTERED ARCHITECTS No. A126001060  
THE DRAWINGS AND ALL THE IDEAS, ARRANGEMENTS, DESIGNS, AND PLANS  
INDICATED HEREON ARE THE PROPERTY OF RLC ARCHITECTS, P.A. AND  
SHALL BE UTILIZED BY ANY PERSON, FIRM OR CORPORATION FOR ANY  
PURPOSE WITHOUT THE WRITTEN CONSENT OF RLC ARCHITECTS, P.A.

**MARGATE RETAIL  
BUILDING EXPANSION**  
3101 NORTH STATE ROAD 7  
MARGATE, FLORIDA 33063