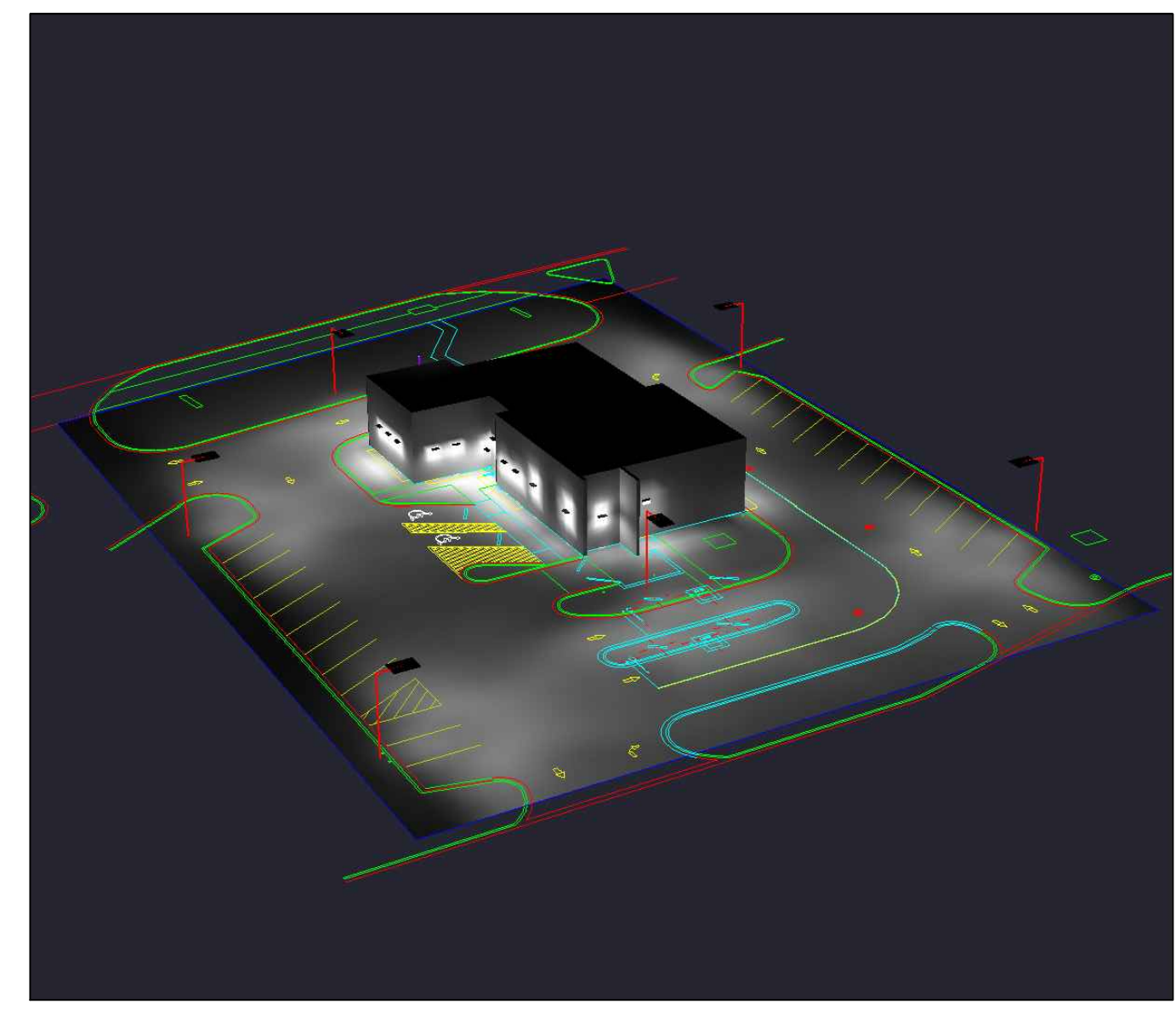
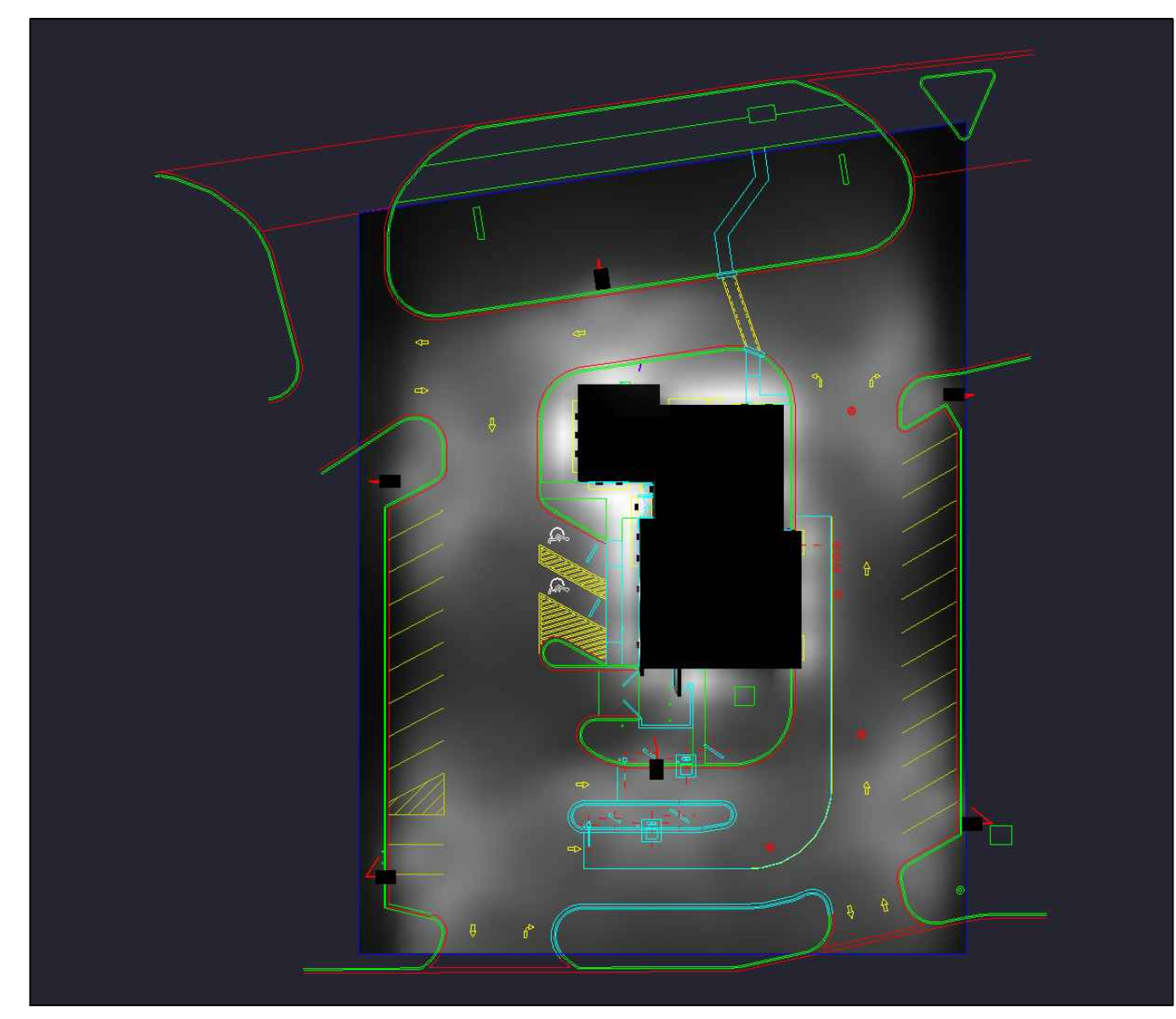
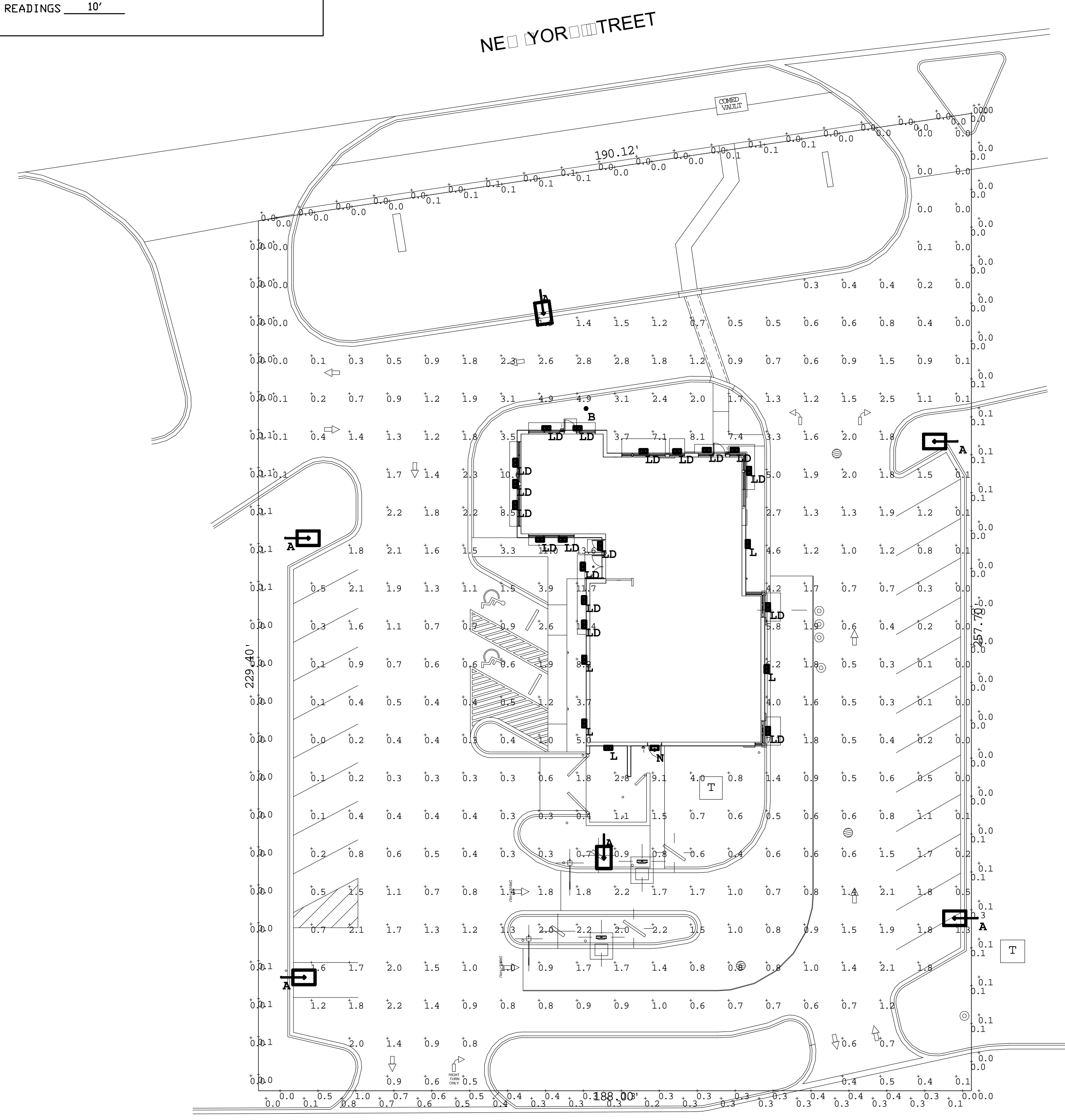


NOTES:
 1. THE FOOTCANDLE LEVELS AS SHOWN ARE BASED ON THE FOLLOWING CRITERIA. ANY SUBSTITUTIONS IN SPECIFIED FIXTURES OR CHANGES TO LAYOUT WILL AFFECT LIGHTING LEVELS SHOWN AND WILL NOT BE THE RESPONSIBILITY OF SECURITY LIGHTING.
 2. DISTANCE BETWEEN READINGS 10'



| Photometric Data Table | | | |
|---|--|--|---------------|
| Description | Value | Unit | |
| Total proposed external lumens | 83,260 | Lumens | |
| Total square footage of area to be illuminated. | 45,787 | Square Feet | |
| Fixture # | Description | Value | Unit |
| 1 | i) Type of Fixture (i.e. Pole, Wall Mounted) | POLE | |
| | ii) manufacturer and model number(s) | BEACON VPS-36NB-80W-5k-T4-UNV-RA-BLC | |
| | iii) Number of these Fixtures Shown | 6 | Fixtures |
| | iv) Lamp source type (bulb type, i.e. high pressure sodium, LED) | LED | |
| | v) Lumen output and wattage per Fixture | 5,619 / 80W | Lumen/Wattage |
| | vi) Mounting Height / Fixture Height | 20' | Feet |
| Fixture # | Description | Value | Unit |
| 2 | i) Type of Fixture (i.e. Pole, Wall Mounted) | WALL SCNCE | |
| | ii) manufacturer and model number(s) | SECURITY LIGHTING RWSC-36L-5K-DO-U-PS | |
| | iii) Number of these Fixtures Shown | 18 | Fixtures |
| | iv) Lamp source type (bulb type, i.e. high pressure sodium, LED) | LED | |
| | v) Lumen output and wattage per Fixture | 1,620 / 14W | Lumen/Wattage |
| | vi) Mounting Height / Fixture Height | 9' | Square Feet |
| Fixture # | Description | Value | Unit |
| 3 | i) Type of Fixture (i.e. Pole, Wall Mounted) | WALL SCNCE | |
| | ii) manufacturer and model number(s) | SECURITY LIGHTING RWSC-72L-5K-UD-U-PS | |
| | iii) Number of these Fixtures Shown | 5 | Fixtures |
| | iv) Lamp source type (bulb type, i.e. high pressure sodium, LED) | LED | |
| | v) Lumen output and wattage per Fixture | 2,835 / 25W | Lumen/Wattage |
| | vi) Mounting Height / Fixture Height | 9' | Square Feet |
| Fixture # | Description | Value | Unit |
| 4 | i) Type of Fixture (i.e. Pole, Wall Mounted) | WALL PACK | |
| | ii) manufacturer and model number(s) | HUBBELL OUTDOOR LIGHTING WGH-1LU-M-SEC | |
| | iii) Number of these Fixtures Shown | 1 | Fixtures |
| | iv) Lamp source type (bulb type, i.e. high pressure sodium, LED) | LED | |
| | v) Lumen output and wattage per Fixture | 4,264.22 / 41.70W | Lumen/Wattage |
| | vi) Mounting Height / Fixture Height | 9' | Square Feet |
| Fixture # | Description | Value | Unit |
| 5 | i) Type of Fixture (i.e. Pole, Wall Mounted) | BOLLARD LIGHT | |
| | ii) manufacturer and model number(s) | SPAULDING LIGHTING FN2-24LU-5K-36 | |
| | iii) Number of these Fixtures Shown | 1 | Fixtures |
| | iv) Lamp source type (bulb type, i.e. high pressure sodium, LED) | LED | |
| | v) Lumen output and wattage per Fixture | 1,947 / 46W | Lumen/Wattage |
| | vi) Mounting Height / Fixture Height | 3' | Square Feet |

| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
|--------------------------------|-------------|-------|------|------|-----|---------|---------|
| 2' FROM PROPERTY LINE READINGS | Illuminance | Fc | 0.09 | 0.8 | 0.0 | N.A. | N.A. |
| PROPERTY LINE READINGS | Illuminance | Fc | 0.12 | 1.0 | 0.0 | N.A. | N.A. |
| SUMMARY | Illuminance | Fc | 1.46 | 13.6 | 0.0 | N.A. | N.A. |

| LABEL | FIXTURE TYPE | SYMBOL | FIXTURE QUANTITY | CONFIG | QUANTITY | TENON TOP FITTERS | QUANTITY | EPA | MOUNTING HEIGHT | LLF | POLE TYPE | QUANTITY | WIND LOAD | ALLOWED EPA |
|-------|----------------------------------|--------|------------------|--------|----------|-------------------|----------|------|-----------------|-----|-------------------------|----------|-----------|-------------|
| A | VPS-36NB-80-5K-T4-UNV-RA-***-BLC | ☐ | 6 | SGL | 6 | TTF/VIPER | 6 | 0.67 | 20' | 0.9 | SES-18-40-1-TA-*** (4') | 6 | 90mph | 7.2 |
| B | FN2-24LU-5K-DB-36 | ○ | 1 | | | | | | 9' | 0.9 | | | | |
| LD | RWSC-36L-5K-DO-U-PS | ☐ | 18 | | | | | | 9' | 0.9 | | | | |
| L | RWSC-72L-5K-UD-U-PS | ☐ | 5 | | | | | | 9' | 0.9 | | | | |
| N | WGH-1LU-M-SEC | ☐ | 1 | | | | | | 9' | 0.9 | | | | |

* PROJECT WIND LOAD CRITERIA BASED ON: ASCE 7-10 WIND SPEEDS (3-SEC PEAK GUST MPH) 50 YEAR MEAN RECURRENCE INTERVAL

1. THIS LIGHTING DESIGN IS BASED ON INFORMATION SUPPLIED BY OTHERS TO SECURITY LIGHTING SYSTEMS. SITE DETAILS PROVIDED HEREON ARE REPRODUCED ONLY AS A VISUALIZATION AID. FIELD DEVIATIONS MAY SIGNIFICANTLY AFFECT PREDICTED PERFORMANCE. PRIOR TO INSTALLATION, CRITICAL SITE INFORMATION (POLE LOCATIONS, ORIENTATION, MOUNTING HEIGHT, ETC.) SHOULD BE COORDINATED WITH THE CONTRACTOR AND/OR SPECIFIER RESPONSIBLE FOR THE PROJECT.
 2. LUMINAIRE DATA IS TESTED TO INDUSTRY STANDARDS UNDER LABORATORY CONDITIONS. OPERATING VOLTAGE AND NORMAL MANUFACTURING TOLERANCES OF LAMP, BALLAST, AND LUMINAIRE MAY AFFECT FIELD RESULTS.
 3. CONFORMANCE TO FACILITY CODE AND OTHER LOCAL REQUIREMENTS IS THE RESPONSIBILITY OF THE OWNER AND/OR THE OWNER'S REPRESENTATIVE.
 4. THIS LAYOUT MAY NOT MEET TITLE 24 OR LOCAL ENERGY REQUIREMENTS. IF THIS LAYOUT NEEDS TO BE COMPLIANT WITH TITLE 24 OR OTHER ENERGY REQUIREMENTS, PLEASE CONSULT FACTORY WITH SPECIFIC DETAILS REGARDING PROJECT REQUIREMENTS SO THAT REVISIONS MAY BE MADE TO THE DRAWING.

SECURITY LIGHTING™

8100 5617 Road, Suite 460, Rolling Meadows, IL 60009
1-800-344-4688

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

SCALE 1" = 20' 0"

DRAWN BY MW

POINT-BY-POINT FOOTCANDLE PLOT FOR
BURGER KING
2889 E NEW YORK ST
AURORA, IL

STORE NUMBER
11321

DATE 6/10/19 DRAWING NUMBER 42462B

HEADS AT EXISTING SITE POLES
(PAGE 1 OF 4)

VIPER S SERIES
SMALL VEHICLE MOUNTAGE

BEACON

PRODUCT IMAGE(S)

ORDERING INFORMATION

PERFORMANCE DATA

PHOTOMETRIC LAYOUT

BEACON

HEADS AT EXISTING SITE POLES
(PAGE 2 OF 4)

ORDERING INFORMATION

PERFORMANCE DATA

PHOTOMETRIC LAYOUT

BEACON

HEADS AT EXISTING SITE POLES
(PAGE 3 OF 4)

PERFORMANCE DATA

PHOTOMETRIC LAYOUT

BEACON

HEADS AT EXISTING SITE POLES
(PAGE 4 OF 4)

PHOTOMETRIC LAYOUT

ELECTRICAL DATA

PROJECTED LUMEN MAINTENANCE

BEACON

BOLLARD LIGHT FIXTURE

Fresno FN
Bollards

LED

ORDERING INFORMATION

PERFORMANCE DATA

PHOTOMETRIC LAYOUT

BEACON

REAR DOOR LIGHT

WGH-1LU-M
Glass Walkcap

LED

ORDERING INFORMATION

PERFORMANCE DATA

PHOTOMETRIC LAYOUT

BEACON

WALL SCONCES & CANOPY LIGHTS

RADIUS LED WALL SCONCE

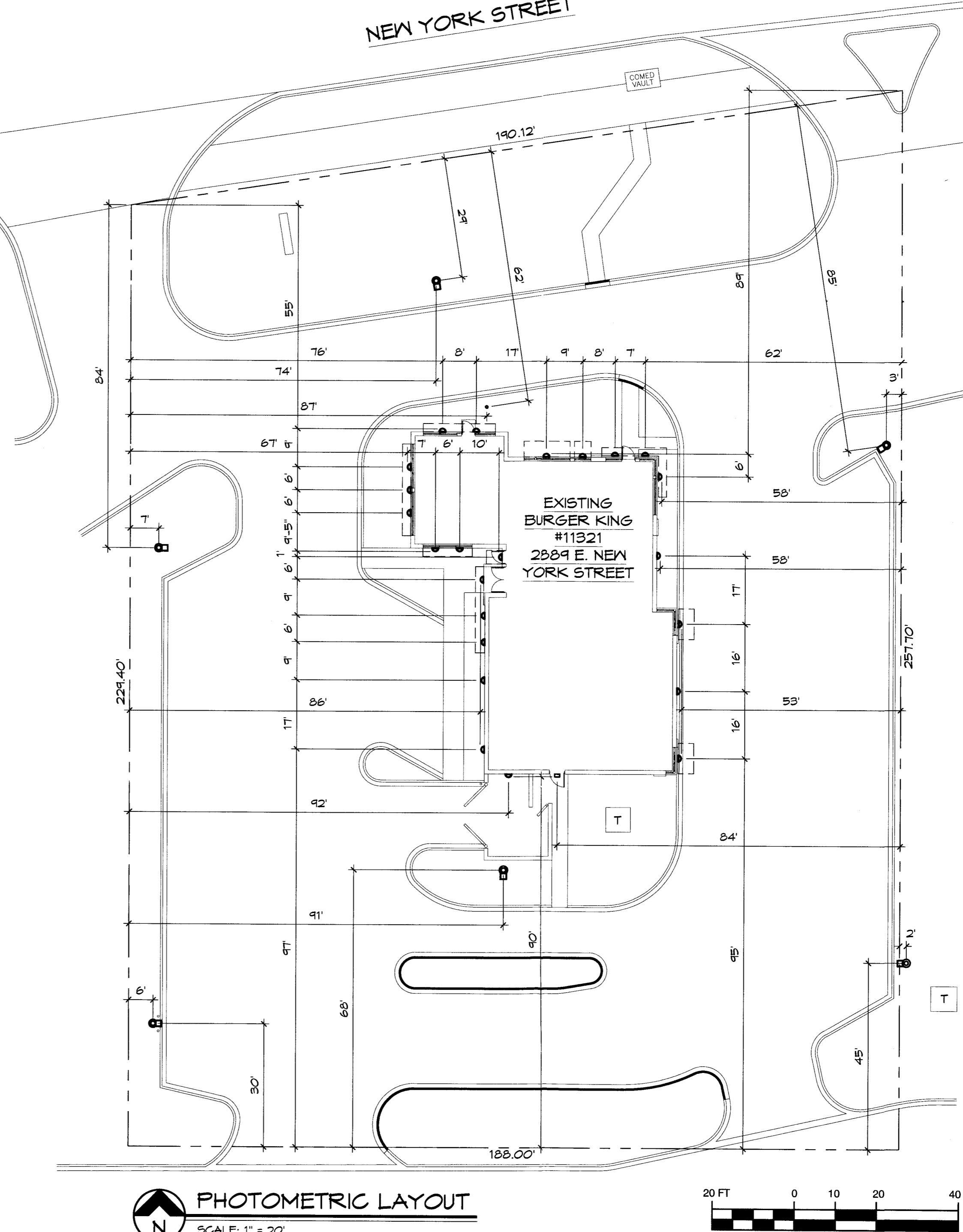
LED

ORDERING INFORMATION

PERFORMANCE DATA

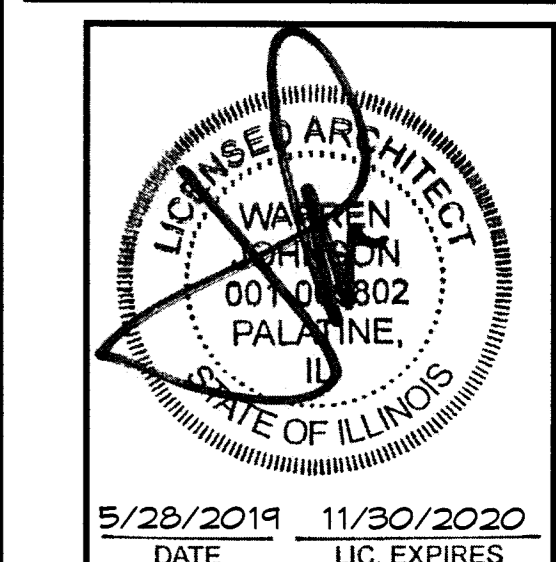
PHOTOMETRIC LAYOUT

BEACON



PLAN DRAFTER, APPLICANT & DESIGNER:

WARREN JOHNSON ARCHITECTS, INC.
OCT 15 2019
1919 N. Greeley St. Palatine, IL 60067
PLANNING & ZONING (847) 359-9616



OWNER OF RECORD:
Spirit Master Funding
Attn: Mr. Gregg Siebert
16767 N. Perimeter
No. 210
Scottsdale, AZ 85260

BURGER KING

ISSUE DATES / REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|----------------------|---------|
| 1 | FINAL PLAN SUBMITTAL | 5.28.19 |

NO. DESCRIPTION DATE

FINAL PLAN SUBMITTAL 5.28.19

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DRAWN BY: T. WILLE
CHECKED BY: W. JOHNSON
DATE: 4.16.19
PROJECT NO: 19019

BURGER KING
STORE #11321
2889 E. NEW YORK ST.
AURORA, IL 60505

PHOTOMETRIC

SHEET

PM-1