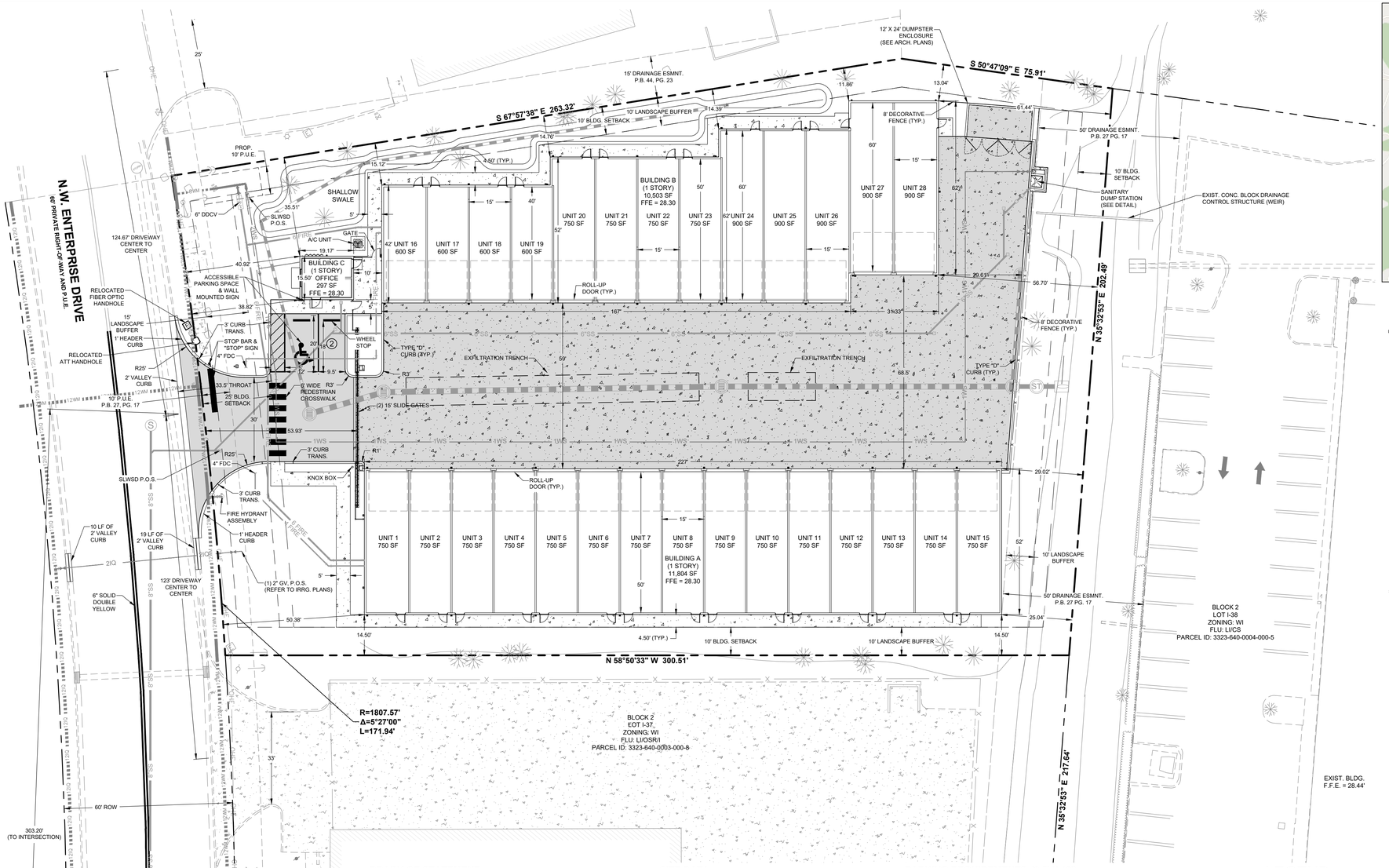
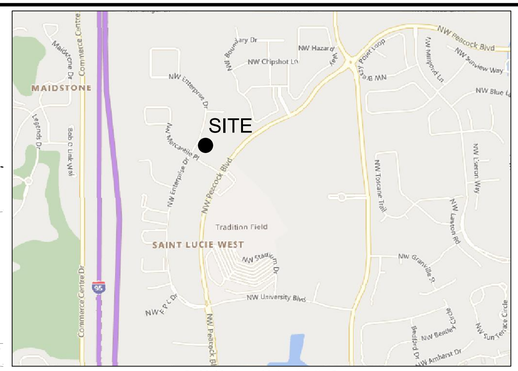
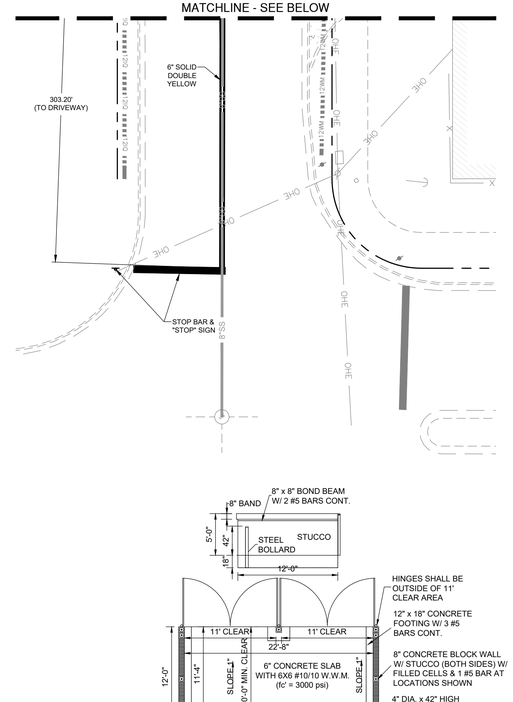
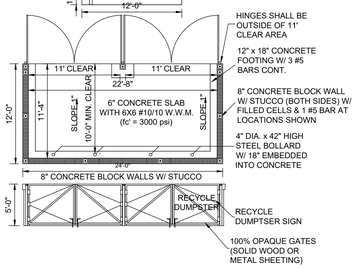



## LOCATION MAP

1" = 1500'




## 24' x 12' DUMPSTER DETAIL

NOTE:
OPENING MUST BE PERPENDICULAR TO LINE OF FLIGHT OF SERVICE VEHICLE.

## LEGEND

(EXISTING)

- = PROPERTY LINE
- = WATER MAIN
- = IRRIGATION WATER LINE
- = UTILITY POLE
- = DRAINAGE PIPE
- = DRAINAGE STRUCTURE
- = TREE TO REMAIN

(PROPOSED)

- = 8' DECORATIVE FENCE
- = DRAINAGE PIPE
- = DRAINAGE STRUCTURE
- = WATER SERVICE
- = FIRE LINE
- = SANITARY SEWER SERVICE
- = SANITARY SEWER MAIN
- = SANITARY SEWER CLEANOUT
- = SANITARY SEWER MANHOLE
- = FIRE HYDRANT / FDC
- = GATE VALVE
- = STANDARD DUTY CONCRETE
- = HEAVY DUTY CONCRETE
- = STANDARD DUTY ASPHALT PAVEMENT
- = SITE LIGHTING

## DRAINAGE STATEMENT

THE SURFACE WATER MANAGEMENT SYSTEM FOR THE PROPOSED ST. LUCIE WEST LOT I-37 PROJECT WILL COMPLY WITH THE REQUIREMENTS OF THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT.
GENERALLY, THE PROPOSED SURFACE WATER MANAGEMENT SYSTEM WILL PROVIDE THE FOLLOWING:

- ON-SITE WATER QUALITY FOR COMMERCIAL USES.
- REQUIRED COMMERCIAL DRY PRE-TREATMENT WILL BE PROVIDED IN EXFILTRATION TRENCH AND/OR DRY RETENTION.
- DIRECT STORM WATER RUNOFF FROM THE PROPOSED PROJECT TO BE ROUTED THROUGH THE EXISTING ST. LUCIE WEST INDUSTRIAL PARK STORM WATER TREATMENT SYSTEM.

## TRAFFIC STATEMENT

THE SITE HAS ONE FULL ACCESS DRIVEWAY. THE ANTICIPATED VOLUMES ARE SO LOW THAT TURN LANES ARE NOT REQUIRED. THE PLACEMENT OF THE DRIVEWAYS IS IN COMPLIANCE WITH SECTION 158.222 OF THE CITY OF PORT ST. LUCIE LAND DEVELOPMENT REGULATIONS. THESE STANDARDS REGULATE THE NUMBER OF DRIVEWAYS PERMITTED FOR A SITE, THEIR MINIMUM WIDTHS BASED ON OVERALL FUNCTION, AND SPACING AND SEPARATION BETWEEN NEARBY DRIVEWAYS, INTERSECTIONS, AND PROPERTY LINES. PER ITE 11TH ED. LAND USE CODE 151 (MINI-WAREHOUSE) THERE WILL BE AN ESTIMATED (2) DAILY TRIPS, (1) AM PEAK HOUR TRIP AND (1) PM PEAK HOUR TRIP. (ESTIMATED BASED ON NUMBER OF STORAGE UNITS)Q.

## HAZARDOUS WASTE STATEMENT

TO BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

## WELLFIELD STATEMENT

THIS PROJECT IS NOT LOCATED IN A PUBLIC WATER SUPPLY WELLFIELD PROTECTION ZONE AND IS NOT REQUIRED TO COMPLY WITH CHAPTER 53, WELLFIELD PROTECTION OF THE CITY CODE.

## GENERAL NOTES

1. THE PROPERTY OWNER, CONTRACTOR, AND AUTHORIZED REPRESENTATIVES SHALL PROVIDE PICKUP, REMOVAL, AND DISPOSAL OF LITTER WITHIN THE PROJECT LIMITS AND SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE AREA FROM THE EDGE OF PAVEMENT TO THE PROPERTY LINE WITHIN THE CITY'S RIGHT-OF-WAY IN ACCORDANCE WITH CITY CODE, SECTION 41.08(G)
2. FOR PROPERTIES ZONED WI, THE PARKING LOT INTERIOR ISLANDS TREE REQUIREMENT WILL BE PROVIDED ELSEWHERE ON THE PROPERTY.
3. AIR CONDITIONING AND OTHER EQUIPMENT LOCATED ON THE ROOF SHALL BE SCREENED AND CANNOT BE VISIBLE FROM AN ELEVATION THAT IS HORIZONTAL TO THE LOCATION OF THE ROOF EQUIPMENT.

## ENVIRONMENTAL SITE ASSESSMENT STATEMENT

THE PARCEL LOT I-37 (639 NW ENTERPRISE DRIVE) SITE CONSISTS OF A XERIC SLASH PINE FLATWOODS COMMUNITY WITH EXOTIC DOMINATED PERIMETER VEGETATION WITH A SMALL AREA THAT CONTAINS WETLAND CHARACTERISTICS. WILDLIFE UTILIZATION ON THE SITE IS VERY LOW AND CONSISTS OF URBAN SONGBIRDS, ARTHROPODS, REPTILES AND A SMALL NUMBER OF REPTILES AND AMPHIBIANS IN THE WESTERN DITCH/SWALE. CAREFUL EVALUATION OF THE SITE FOR LISTED SPECIES, INCLUDING THE GOPHER TORTOISE, RED-COCKADED WOODPECKER AND FLORIDA SCRUB JAY RESULTED IN NO LISTED SPECIES SIGHTINGS ONSITE OR IN DIRECTLY ADJACENT LANDS.

THERE IS NO CRITICAL HABITAT OR CRITICAL TYPE HABITAT WITHIN THE SUBJECT SITE, AND THERE IS NO SUITABLE HABITAT FOR WADING BIRDS INCLUDING THE WOOD STORK. UPLAND MITIGATION IMPACTS ARE CURRENTLY CALCULATED AT 1.42 AC X 25% = 0.355 AC; 0.335 AC X 1.5 = 0.5325 AC.

ALL PROJECTED COSTS ARE ESTIMATED BASED ON CURRENT SITE CONDITIONS AND MAY CHANGE AS A RESULT OF ECOLOGICAL CHANGES ON THE SITE, REGULATORY CHANGES, JURISDICTIONAL DETERMINATIONS OR WEATHER EVENTS.

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## SITE DATA

| | |
|---|---|
| TOTAL SITE AREA | 61,974 SF / 1.42 AC |
| FUTURE LAND USE | LIGHT INDUSTRIAL |
| EXISTING ZONING | WAREHOUSE - INDUSTRIAL |
| EXISTING USE | VACANT |
| PROPOSED USE | SELF SERVICE STORAGE FACILITY |
| BUILDING COVERAGE | 22,604 SF |
| MAXIMUM BUILDING HEIGHT | 35' |
| PROPOSED BUILDING HEIGHT | 29' 8" |
| PARCEL CONTROL NUMBER | 3323-583-0001-000-0 |

## SET BACKS

| | REQUIRED (MIN.) | PROVIDED |
|---|---|---|
| FRONT | 25' | 38.82' |
| SIDE | 10' | 11.86' |
| REAR | 10' | 25.04' |

## PERVIOUS AREA

| | | | |
|---|---|---|---|
| TOTAL LANDSCAPE AREA | 13,703 SF | 0.32 AC | 22% |

## OPEN SPACE

| | | | |
|---|---|---|---|
| REQUIRED | 12,395 SF | 0.28 AC | 20% |
| PROVIDED | 18,122 SF | 0.42 AC | 29% |
| TOTAL OPEN SPACE | 18,122 SF | 0.42 AC | 29% |

## IMPERVIOUS AREA

| | | | |
|---|---|---|---|
| BUILDING COVERAGE | 22,604 SF | 0.52 AC | 36% |
| VEHICULAR USE AREA | 17,921 SF | 0.41 AC | 29% |
| PAVED AREA / WALKS | 3,327 SF | 0.08 AC | 6% |
| TOTAL | 43,852 SF | 1.01 AC | 71% |

## BUILDING DATA

| | | |
|---|---|---|
| BUILDING A | 11,804 SF | 0.27 AC |
| BUILDING B | 10,503 SF | 0.24 AC |
| BUILDING C | 297 SF | 0.01 AC |
| TOTAL | 22,604 SF | 0.52 AC |

UNIT TYPE

| | # OF UNITS | UNIT SF | TOTAL SF |
|---|---|---|---|
| 15' X 40' | 4 | 600 SF | 2,400 SF |
| 15' X 50' | 19 | 750 SF | 14,250 SF |
| 15' X 60' | 5 | 900 SF | 4,500 SF |
| TOTAL | 28 | | 21,150 SF |

NOTE:
ALL ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

## PARKING REQUIREMENTS (9.5' X 18')

| | REQUIRED | PROVIDED |
|---|---|---|
| SELF STORAGE<br>1 SPACE PER 100 BAYS (28/100) | 0 SPACES | 0 SPACES |
| OFFICE<br>1 SPACE PER 200 SF (297/200) | 2 SPACES | 2 SPACES |
| TOTAL PARKING SPACES | 2 SPACES | 2 SPACES |
| ACCESSIBLE SPACES | 1 SPACE | 1 SPACE |

## LEGAL DESCRIPTION

LOT I-37 NORTH (PB 90-15) LOT 1 (1.423 AC - 61,986 SF).

## CONSULTANTS

**OWNER/APPLICANT:**
660 PSL, LLC
101 PUGLIESES WAY
DELRAY BEACH, FL 33444
(561) 454-1625
PAUL TALLY, AUTHORIZED REP.

**CIVIL ENGINEER:**
BOWMAN
301 SE OCEAN BOULEVARD, SUITE 301
STUART, FL 34994
(772) 283-1413
OCTAVIO "OATS" REIS, P.E.

**SURVEYOR:**
BOWMAN
301 SE OCEAN BOULEVARD, SUITE 301
STUART, FL 34994
(772) 283-1413
RICHARD BARNES, P.S.M.

**LANDSCAPE CONSULTANT:**
HJA DESIGN STUDIO
3500 SW CORPORATE PARKWAY SUITE 203
PALM CITY, FL 34990
(772) 678-7200
ERIKA BEITLER, ASLA

**GEOTECHNICAL ENGINEER:**
UNIVERSAL ENGINEERING SCIENCES
820 BREVARD AVENUE
ROCKLEDGE, FL 32955
(321) 638-0808
BRAD FAUCETT, P.E.

PROJECT # P24-092

GRAPHIC SCALE
0 20 40
1" = 20'

SHEET SP1

Bowman

PROFESSIONAL SURVEYORS AND MAPPERS, CERTIFICATE NO. LB 8030
BOARD OF PROFESSIONAL ENGINEERS, CERTIFICATE OF AUTHORIZATION NO. 33462

Bowman Consulting Group, Ltd., Inc.
301 SE Ocean Blvd, Suite 301
Stuart, Florida 34994
Phone: (772) 283-1413
Fax: (772) 220-7861
www.bowmanllc.com
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# 639 NW ENTERPRISE DRIVE
## ST. LUCIE WEST LOT I-37 NORTH PLAT
## SPRC SITE PLAN
CITY OF PORT ST. LUCIE FLORIDA

PROJECT NO 010563-06-003

OCTAVIO "OATS" REIS, P.E.
FL. LICENSE NO. 65661

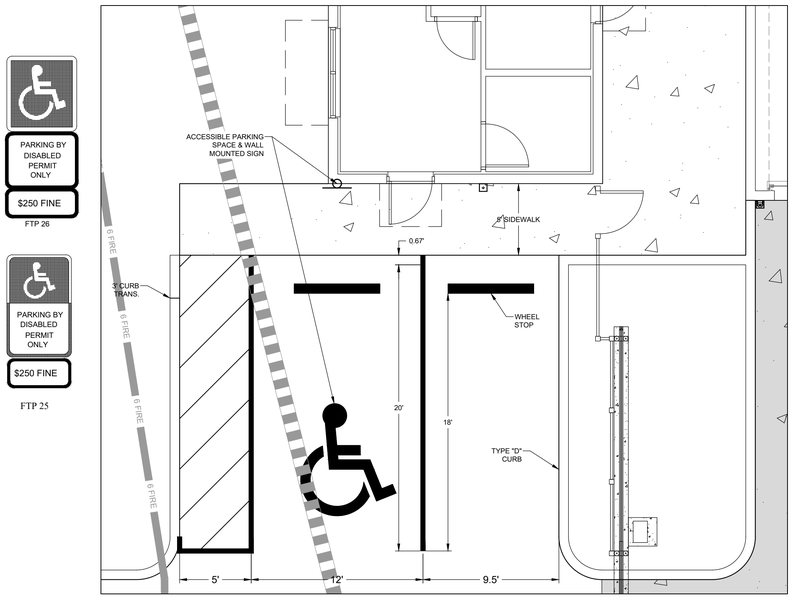
| PLAN STATUS | |
|---|---|
| 12/31/24 | SPRC SUBMITTAL |

| DATE | DESCRIPTION |
|---|---|

| BK DESIGN | GC DRAWN | GMB CHKD |
|---|---|---|

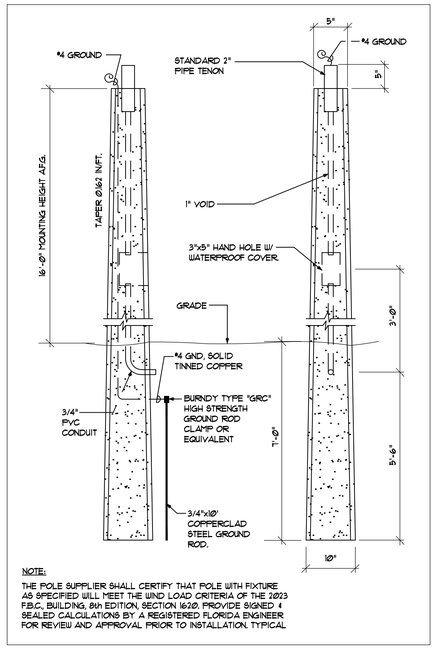
SCALE: 1" = 20'
JOB No. 010563
DATE 2025/01/02
FILE No. 010563-06-003-SPRC

Cad file name: p:\010563 – deliceto storage facility\010563-06-001 (eng) – roman const 660 lot 37\engineering\010563-06-003 lot i 37 nw enterprise\CAD_plans (dwg)\PLANS\010563-06-003-SPRC.dwg 01/02/25




## PARKING SPACE DETAIL (ACCESSIBLE & STANDARD)
## SCALE: 1" = 5'

NOTES:
1. TOP PORTION OF FTP 25 & 26 SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
3. FTP 25 & 26 MAY BE FABRICATED ON ONE PANEL OR TWO.
4. FTP 25 IS FOR USE IN AREAS WHERE SPACE IS LIMITED
5. IF NO CURBING IS USED, WHEEL STOPS MUST BE PROVIDED IN COMPLIANCE WITH CITY CODE.
6. DEVELOPER MAY HAVE THE OPTION TO PROVIDE WHEEL STOPS WHICH SHALL BE IN COMPLIANCE WITH CITY CODE.
7. 2' OVERHANG SHALL NOT ENCROACH IN LANDSCAPE BUFFERS




NOTE:
THE POLE SUPPLIER SHALL CERTIFY THAT POLE WITH FIXTURE AS SPECIFIED WILL MEET THE WIND LOAD CRITERIA OF THE 2023 F.B.C., BUILDING, 8TH EDITION, SECTION 1620. PROVIDE SIGNED + SEALED CALCULATIONS BY A REGISTERED FLORIDA ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. TYPICAL

5 / SL-1 — 16'HT. CONC. LIGHT POLE DETAIL
SCALE: N.T.S.

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NOTE:
ALL ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

Submitted by Genesis Lighting — Job Name: XXX ENTERPRISE DRIVE - RV STORAGE; Architect: KENNETH CARLSON ARCHITECT, P.A. (Deerfield Beach) — Catalog Number: OSQM-C-9L-40K7-3B-XX-NM-XX / OSQ-ML-C-XX-XX — Notes: — Type: SA — GENLIGHT24-61059

## OSQ Series
OSQ™ LED Area/Flood Luminaire featuring Patented NanoComfort™ Technology – Version C

Rev. Date: V1 01/02/2024

**Product Description**
The OSQ™ Area/Flood luminaire blends extreme optical control, advanced thermal management and modern, clean aesthetics. Built to last, the housing is rugged cast aluminum with an integral, weatherright LED driver compartment. Versatile mounting configurations offer simple installation. Its slim, low-profile design minimizes wind load requirements and blends seamlessly into the site providing even, quality illumination. Medium is suitable upgrade for HID applications up to 400 Watts. Large is suitable upgrade for HID applications up to 1000 Watts. Extra Large is suitable upgrade for HID applications up to multiple 1000 Watts.
**Applications:** Parking lots, walkways, campuses, car dealerships, office complexes, pickleball courts, high-mast and internal roadways

**Performance Summary**
Utilizes Patented NanoComfort™ Technology
Utilizes Cree TrueWhite® Technology on 5000K Luminaires
Assembled in the USA by Cree Lighting from US and imported parts
**Initial Delivered Lumens:** 4,000 - 95,000
**Efficacy:** Up to 171 LPW
**CRI:** Minimum 70 CRI (3000K, 4000K & 5700K); 90 CRI (5000K)
**CCT:** 3000K, 4000K, 5000K, 5700K
**Limited Warranty*:** 10 years for luminaire; 10 years for Colorfast DeltaGuard® finish; 5 years for BML sensor; up to 5 years for Synapse® accessories; 1 year for luminaire accessories
*See https://creelighting.com/warranty for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms.

**Ordering Information**
Fully assembled luminaire is composed of two components that must be ordered separately:
Example: **Mounts:** 050-ML-C-AA-BK. + **Luminaire:** OSQM-C-4L-30K7-3M-UE-NM-BK

**Mount (Luminaire must be ordered separately)***

| 050- | MUST SPECIFY | MUST SPECIFY | Color Options: | MUST SPECIFY |
|---|---|---|---|---|
| | **Medium/Large Mounts:** 050-ML-C-AA Adjustable Arm; 050-ML-C-DA Direct Arm; 050-ML-C-TM Trunnion Mount | **Extra-Large Mounts:** 050-XL-C-AA Adjustable Arm; 050-XL-C-DA Direct Arm | | 59 Silver 62 Bronze BK Black WH White |

*Reference fixture mounting grid pattern, EPA, and pole configuration suitability data beginning on page 24.

**Luminaire (Mount must be ordered separately)**

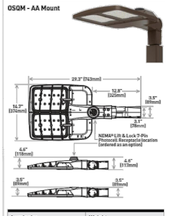
| OSQ | C | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Family | Size | Series | Lumen Package* | CCT/ CRI | Optic | | | MUST SPECIFY | Voltage | Mount | MUST SPECIFY | Color Options | Controls* | BML | Options | | | | | |
| OSQM | M | C | Medium 4,000 Lumens | 30K7 3000K, 70 CRI | Asymmetric: 2M Type II Med 3M Type III Med (Factory-installed Backlight Shield available with select packages) 4M Type IV Med (Factory-installed Backlight Shield available with select packages) | | 48** Type IV Med w/Factory-installed Backlight Shield available with select packages | | UL Universal, 120-277V 347-480V (Not available with 4L, 7DL or 8DL lumen packages) | NM No Mount (Must specify Mount from table above) | WH White | | Bluetooth® Technology Enabled Multi-Level Sensor – requires a Bluetooth® enabled device and the SiteWise Pro® app (Refer to BML spec sheet for details – 20-40' sensor lens included on 4L-8L lumen packages and all area-stimulus luminaires) – Not available with 2L, 3L, 5L, 6L, 7DL or 8DL lumen packages | 20KV 20kV/10kA Surge Suppression – Replaces standard 10kV/5kA surge protection | | | | |
| | L | | 5K7 5000K, 70 CRI | 50K7 5000K, 70 CRI | 5M Type III Med 5R Type III Reflow | | | | | | | | Field Adjustable Output – Must select 5R, 6R, 6F, 6L, 6S, 6L, 8S, 8L, or 9F – Allows field reprogrammability of lumen output (10-100% in 1% increments) – Not available with BML or 9L lumen packages (Type 5 only) | | EB Emergency Battery Back-Up – Includes 90 minutes of back-up power in emergency mode – Not available with 4L, 7DL or 8DL lumen packages | | | | | |
| | XL | | 7DL 7,000 Lumens | | | | | | | | | | | | | | | | | |
| | | | 8DL 8,000 Lumens | | Symmetric: 5L 5M Type III Med 5R Type III Reflow | | 33 2@180° 3x3 5M Type III Med 5R Type III Reflow | | | | | | | | | | | | | |
| | | | 9L 9,000 Lumens | | | | | | | | | | | | | | | | | |
| | | | 9F 9,000 Lumens | | | | | | | | | | | | | | | | | |

*Lumen Package codes identify approximate light output only. Actual lumen output levels vary depending on CCT and optic selection. Refer to Initial Delivered Lumen tables for specific lumen values.
**Factory-installed Backlight Shield kits are ordered as a separate line item and must be removed in the field. For field-install backlight shields, please refer to the External Backlight Shields in the accessory tables on page 2.

US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING

**OSQM - AA Mount**




| Luminaire | Weight |
|---|---|
| OSQM | 19.3 lbs. (8.8kg) |

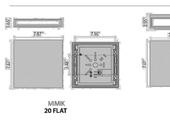
Note: For OSQL, OSQX and additional mounts, refer to drawings on page 27.

Submitted by Genesis Lighting — Job Name: XXX ENTERPRISE DRIVE - RV STORAGE; Architect: KENNETH CARLSON ARCHITECT, P.A. (Deerfield Beach) — Catalog Number: M20-M-15-T2-XX-70-4K-UNV-NA — Notes: — Type: W1 — GENLIGHT24-61059

## MIMIK 20

Ceiling-, wall- and post- mount series. Fixtures consist of:
- Multi-step powder-coat painting process, optimized against UV rays and corrosion.
- Copper-free precision die-cast aluminum housing and mounting plate.
- Extra-clear, flat, tempered silk-screened soda-lime glass diffuser.
- Micro-prismatic patterned, flat, tempered silk-screened soda-lime glass diffuser (FLAT versions).
- Custom molded, anti-aging gasket(s).
- Stainless steel external hardware.
- Custom MCPCB utilized to maximize heat dissipation and promote a long LED life.
- High-transmittance transparent optics.
- Single (M) or dual (II) light emission.
- IESNA Type II light distribution (FLAT).
- IESNA Type II light distribution.
- IESNA Type III light distribution.
- IESNA Type IV light distribution.
- Input voltage: 120-277 V (50 / 60 Hz), integral 0-10 V dimming driver.
- Optional, integral, emergency battery-pack designed for a minimum operation of 90 minutes (EMPK versions).
- Customizing facade faceplate available for MIMIK FLAT versions (ordered separately).
- Post accessory available for MIMIK 20 (ordered separately).
- Consult factory for dimming options, custom finishes (please specify RAL color), and non-catalogued CCT (Kelvin) options.
- Optional clear plexiglass panel can be customized with logos for signage or wayfinding (LINE BOLLARD). Consult factory for more information.
- Product meets Buy American Act requirements within AWA.
- 5-year warranty.
- Marine Grade finish.
- Suitable for Natatorium applications.

FINISHES
- AN-96 / Iron gray / Textured
- GR-94 / Aluminum metallic / Textured
- WH-87 / White / Textured
- BK-81 / Black / Textured
- RB-10 / Iron rust / Textured




| LUMEN OUTPUT | | 2700K | 3000K | 3500K | 4000K | 5000K |
|---|---|---|---|---|---|---|
| MIMIK 20 M T2 | 15W | 1373 | 1385 | 1396 | 1408 | 1420 |
| MIMIK 20 M T2 | 26W | 2238 | 2256 | 2274 | 2292 | 2310 |
| MIMIK 20 M T2 EMPK | 15W | 1373 | 1385 | 1396 | 1408 | 1420 |
| MIMIK 20 M T3 | 15W | 1385 | 1396 | 1407 | 1418 | 1429 |
| MIMIK 20 M T3 | 26W | 2255 | 2273 | 2291 | 2309 | 2327 |
| MIMIK 20 M T3 EMPK | 15W | 1385 | 1396 | 1407 | 1418 | 1429 |
| MIMIK 20 M T4 | 15W | 1308 | 1319 | 1329 | 1340 | 1351 |
| MIMIK 20 M T4 | 26W | 2132 | 2149 | 2166 | 2183 | 2200 |
| MIMIK 20 M T4 EMPK | 15W | 1308 | 1319 | 1329 | 1340 | 1351 |
| MIMIK 20 FLAT M | 14W | 819 | 860 | 899 | 1042 | 1083 |
| MIMIK 20 FLAT B | 25W | 1847 | 1930 | 2012 | 2095 | 2178 |

| WATTAGE | |
|---|---|
| MIMIK 20 M T2: | 15W |
| MIMIK 20 M T2: | 26W |
| MIMIK 20 M T3: | 15W |
| MIMIK 20 M T3: | 26W |
| MIMIK 20 M T4: | 15W |
| MIMIK 20 M T4: | 26W |
| MIMIK 20 FLAT M: | 14W |
| MIMIK 20 FLAT B: | 25W |

Scan here for installation instructions

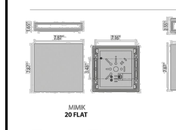
Revision 08
03/24

Submitted by Genesis Lighting — Job Name: XXX ENTERPRISE DRIVE - RV STORAGE; Architect: KENNETH CARLSON ARCHITECT, P.A. (Deerfield Beach) — Catalog Number: M20-M-12-XX-70-4K-UNV-NA-EMPK — Notes: — Type: W1E — GENLIGHT24-61059

## MIMIK 20

Ceiling-, wall- and post- mount series. Fixtures consist of:
- Multi-step powder-coat painting process, optimized against UV rays and corrosion.
- Copper-free precision die-cast aluminum housing and mounting plate.
- Extra-clear, flat, tempered silk-screened soda-lime glass diffuser.
- Micro-prismatic patterned, flat, tempered silk-screened soda-lime glass diffuser (FLAT versions).
- Custom molded, anti-aging gasket(s).
- Stainless steel external hardware.
- Custom MCPCB utilized to maximize heat dissipation and promote a long LED life.
- High-transmittance transparent optics.
- Single (M) or dual (II) light emission.
- IESNA Type II light distribution (FLAT).
- IESNA Type II light distribution.
- IESNA Type III light distribution.
- IESNA Type IV light distribution.
- Input voltage: 120-277 V (50 / 60 Hz), integral 0-10 V dimming driver.
- Optional, integral, emergency battery-pack designed for a minimum operation of 90 minutes (EMPK versions).
- Customizing facade faceplate available for MIMIK FLAT versions (ordered separately).
- Post accessory available for MIMIK 20 (ordered separately).
- Consult factory for dimming options, custom finishes (please specify RAL color), and non-catalogued CCT (Kelvin) options.
- Optional clear plexiglass panel can be customized with logos for signage or wayfinding (LINE BOLLARD). Consult factory for more information.
- Product meets Buy American Act requirements within AWA.
- 5-year warranty.
- Marine Grade finish.
- Suitable for Natatorium applications.

FINISHES
- AN-96 / Iron gray / Textured
- GR-94 / Aluminum metallic / Textured
- WH-87 / White / Textured
- BK-81 / Black / Textured
- RB-10 / Iron rust / Textured




| LUMEN OUTPUT | | 2700K | 3000K | 3500K | 4000K | 5000K |
|---|---|---|---|---|---|---|
| MIMIK 20 M T2 | 15W | 1373 | 1385 | 1396 | 1408 | 1420 |
| MIMIK 20 M T2 | 26W | 2238 | 2256 | 2274 | 2292 | 2310 |
| MIMIK 20 M T2 EMPK | 15W | 1373 | 1385 | 1396 | 1408 | 1420 |
| MIMIK 20 M T3 | 15W | 1385 | 1396 | 1407 | 1418 | 1429 |
| MIMIK 20 M T3 | 26W | 2255 | 2273 | 2291 | 2309 | 2327 |
| MIMIK 20 M T3 EMPK | 15W | 1385 | 1396 | 1407 | 1418 | 1429 |
| MIMIK 20 M T4 | 15W | 1308 | 1319 | 1329 | 1340 | 1351 |
| MIMIK 20 M T4 | 26W | 2132 | 2149 | 2166 | 2183 | 2200 |
| MIMIK 20 M T4 EMPK | 15W | 1308 | 1319 | 1329 | 1340 | 1351 |
| MIMIK 20 FLAT M | 14W | 819 | 860 | 899 | 1042 | 1083 |
| MIMIK 20 FLAT B | 25W | 1847 | 1930 | 2012 | 2095 | 2178 |

| WATTAGE | |
|---|---|
| MIMIK 20 M T2: | 15W |
| MIMIK 20 M T2: | 26W |
| MIMIK 20 M T3: | 15W |
| MIMIK 20 M T3: | 26W |
| MIMIK 20 M T4: | 15W |
| MIMIK 20 M T4: | 26W |
| MIMIK 20 FLAT M: | 14W |
| MIMIK 20 FLAT B: | 25W |

Scan here for installation instructions

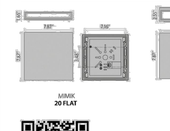
Revision 08
03/24

Submitted by Genesis Lighting — Job Name: XXX ENTERPRISE DRIVE - RV STORAGE; Architect: KENNETH CARLSON ARCHITECT, P.A. (Deerfield Beach) — Catalog Number: M20-M-15-T4-70-4K-UNV-NA-EMPK — Notes: — Type: W2E — GENLIGHT24-61059

## MIMIK 20

Ceiling-, wall- and post- mount series. Fixtures consist of:
- Multi-step powder-coat painting process, optimized against UV rays and corrosion.
- Copper-free precision die-cast aluminum housing and mounting plate.
- Extra-clear, flat, tempered silk-screened soda-lime glass diffuser.
- Micro-prismatic patterned, flat, tempered silk-screened soda-lime glass diffuser (FLAT versions).
- Custom molded, anti-aging gasket(s).
- Stainless steel external hardware.
- Custom MCPCB utilized to maximize heat dissipation and promote a long LED life.
- High-transmittance transparent optics.
- Single (M) or dual (II) light emission.
- IESNA Type II light distribution (FLAT).
- IESNA Type II light distribution.
- IESNA Type III light distribution.
- IESNA Type IV light distribution.
- Input voltage: 120-277 V (50 / 60 Hz), integral 0-10 V dimming driver.
- Optional, integral, emergency battery-pack designed for a minimum operation of 90 minutes (EMPK versions).
- Customizing facade faceplate available for MIMIK FLAT versions (ordered separately).
- Post accessory available for MIMIK 20 (ordered separately).
- Consult factory for dimming options, custom finishes (please specify RAL color), and non-catalogued CCT (Kelvin) options.
- Optional clear plexiglass panel can be customized with logos for signage or wayfinding (LINE BOLLARD). Consult factory for more information.
- Product meets Buy American Act requirements within AWA.
- 5-year warranty.
- Marine Grade finish.
- Suitable for Natatorium applications.

FINISHES
- AN-96 / Iron gray / Textured
- GR-94 / Aluminum metallic / Textured
- WH-87 / White / Textured
- BK-81 / Black / Textured
- RB-10 / Iron rust / Textured




| LUMEN OUTPUT | | 2700K | 3000K | 3500K | 4000K | 5000K |
|---|---|---|---|---|---|---|
| MIMIK 20 M T2 | 15W | 1373 | 1385 | 1396 | 1408 | 1420 |
| MIMIK 20 M T2 | 26W | 2238 | 2256 | 2274 | 2292 | 2310 |
| MIMIK 20 M T2 EMPK | 15W | 1373 | 1385 | 1396 | 1408 | 1420 |
| MIMIK 20 M T3 | 15W | 1385 | 1396 | 1407 | 1418 | 1429 |
| MIMIK 20 M T3 | 26W | 2255 | 2273 | 2291 | 2309 | 2327 |
| MIMIK 20 M T3 EMPK | 15W | 1385 | 1396 | 1407 | 1418 | 1429 |
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| MIMIK 20 M T4 EMPK | 15W | 1308 | 1319 | 1329 | 1340 | 1351 |
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| WATTAGE | |
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| MIMIK 20 M T2: | 15W |
| MIMIK 20 M T2: | 26W |
| MIMIK 20 M T3: | 15W |
| MIMIK 20 M T3: | 26W |
| MIMIK 20 M T4: | 15W |
| MIMIK 20 M T4: | 26W |
| MIMIK 20 FLAT M: | 14W |
| MIMIK 20 FLAT B: | 25W |

Scan here for installation instructions

Revision 08
03/24

Submitted by Genesis Lighting — Job Name: XXX ENTERPRISE DRIVE - RV STORAGE; Architect: KENNETH CARLSON ARCHITECT, P.A. (Deerfield Beach) — Catalog Number: OSQW-C-4L-40K7-4M-WM-XX-XX — Notes: — Type: W3 — GENLIGHT24-61059

## OSQ Series
OSQW™ LED Wall Mount Luminaire featuring Patented NanoComfort™ Technology

Rev. Date: V2 01/04/2024

**Product Description**
The OSQW™ LED wall mount luminaire has a slim, low profile design intended for outdoor wall mounted applications. The rugged lightweight aluminum housing and mounting box are designed for installation over standard single gang J-Boxes and mud ring single gang J-Boxes. The luminaire allows for through-wired or conduit entry from the top, bottom, sides and rear. The housing design is intended specifically for LED technology including a weathertight LED driver compartment and thermal management. Optic design features industry-leading NanoComfort Technology which provides superior glare reduction and visual comfort with high-efficiency illumination delivered precisely where it is needed.
**Applications:** General area and security lighting

**Performance Summary**
Utilizes Patented NanoComfort™ Technology
Utilizes Cree TrueWhite® Technology on 5000K Luminaires
Assembled in the USA by Cree Lighting from US and imported parts
**Initial Delivered Lumens:** Up to 8,400
**Input Power:** 14 - 55 watts
**Efficacy:** Up to 159 LPW
**CRI:** Minimum 70 CRI (2700K, 3000K, 4000K & 5700K); 90 CRI (5000K)
**CCT:** 2700K, 3000K, 4000K, 5000K, 5700K
**Limited Warranty*:** 10 years for luminaire/10 years for Colorfast DeltaGuard® finish/up to 5 years for Synapse® accessories/1 year for accessories
**Limited Warranty Emergency Back Up (EB) Battery:** 1 year for Battery Back Up. Test regularly in accordance with local code
*See https://creelighting.com/warranty for warranty terms. For Synapse accessories, consult Synapse spec sheets for details on warranty terms.

**Accessories**

| Field-Installed | |
|---|---|
| **Beauty Plate** WAL-PLT12** - 12" (305mm) Square WAL-PLT14** - 14" (356mm) Square - Covers holes left by incumbent wall packs | **Synapse SimplySNAP On-Site Controller** SSxSB-002 - Verizon® LTE-enabled - Designed for indoor applications - Refer to SSxSB-002 spec sheet for details |
| **Synapse® SimplySnap 10V Interface** SNP10-20IF - 120V-277V - Requires either Synapse Central Base Station or On-Site Controller - Refer to SNP10-20IF spec sheet for details | **Synapse SimplySNAP Management System (BMS) Gateway** BMS-GW-002 - Required for BACnet integration - Refer to BMS-GW-002 spec sheet for details |
| **Synapse SimplySNAP Central Base Station** SCBS-002 - Includes On-Site Controller (SSxSB-002) and 5-button switch - Indoor and Outdoor-rated - Refer to CBSSW-430-002 spec sheet for details | **Synapse Wireless Sensor** WSN-OPM - Motion and light sensor - Control multiple zones - Refer to WSN-OPM spec sheet for details |

**Ordering Information**
Example: OSQW-C-2L-27K7-2M-UL-WH-BK

| OSQW | C | | | | MUST SPECIFY | | MUST SPECIFY | | |
|---|---|---|---|---|---|---|---|---|---|
| Family | Series | Lumen Package* | CCT/CRI | Optic | Voltage | Mounting | Finish | Controls** | Options |
| OSQW | C | 2L 2,550 Lumens - Available only with UL voltage 4L 4,200 Lumens 4L 4,270 Lumens 8L 8,400 lumens | 27K7 2700K, 70 CRI 30K7 3000K, 70 CRI 40K7 4000K, 70 CRI 50K7 5000K, 70 CRI 57K7 5700K, 70 CRI | 2M Type II Med 3M Type III Med | UL Universal 120-277V 347-480V (Not available with 2L lumen package, controls options, or EB option 3A 347V - Available only with UL voltage - Not available with 2L lumen package, BML or ML controls, or EB option | WM Wall | BK Black BZ Bronze SV Silver WH White | BML Bluetooth® Technology Enabled Multi-Level Sensor - Available only with UL voltage - Includes a multifunction sensor - Refer to BML spec sheet for details - Not available with 2L lumen package, BML or ML controls, or EB option ML Multi-Level - Refer to ML spec sheet for details - Available only with UL voltage - Not available with other controls or EB option P Button Photocell - Available with UL and 3A voltages only - Not available with other controls or EB option | 20KV 20kV/10kA Surge Suppression - Replaces standard 10kV/5kA surge protection EB Emergency Battery Back-Up - Includes 90 minutes of back-up power in emergency mode - Available only with UL voltage - Not available with BML, ML or P controls |

*Lumen Package codes identify approximate light output only. Actual lumen output levels vary depending on CCT selection. Refer to Initial Delivered Lumen tables for specific lumen values.
**Factory-installed options only. Field-installed controls sold separately.

US: creelighting.com (800) 236-6800
Canada: creelighting-canada.com (800) 473-1234

CREE LIGHTING

| Luminaire | Weight |
|---|---|
| Standard | 9.0 lbs. (4.1kg) |
| Emergency | 10.0 lbs. (4.5kg) |

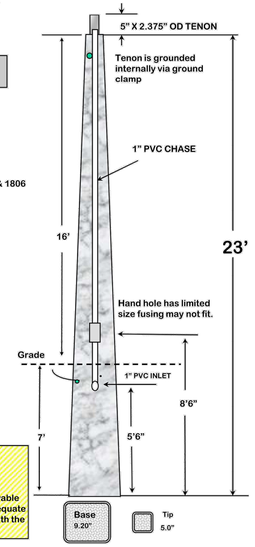
## Utilities Structures Inc.
1.800.706.POLE
USI23TII-8656

**Prestressed Concrete Pole**

- Pole Weight = 1,320 lbs
- Wind speed = 175mph Vult
- Risk Category II
- Exposure = "C"
- Wind Gust = 3 seconds
- Load factor = 1.3
- 8th Edition 2023 FBC 1609, 1620 HVHZ & 1806
- ASCE 7-16
- Min. Brk. Strength = 1200#
- Concrete = 6,500lbs @ 28 days
- Grd. Wire = #6 str. copper
- Strand = 1/2" @ 70% Ultimate
- Tenon = 2 3/8" OD x 5" Hgt.

*SELECT STRUCTURAL, LLC*

*SHAWN R. ANDERSON, P.E., S.E.*




PROJECT:
this pole embedded 7' in to soils with an allowable passive pressure of 300pcf is structurally adequate to resist the local wind speed of 2.0 sqft epa attached Co. with the

Bowman

Bowman Consulting Group, Ltd., Inc.
301 SE Ocean Blvd, Suite 301
Stuart, Florida 34994
Phone: (772) 283-1413
Fax: (772) 220-7861
www.bowman.com
© Bowman Consulting Group, Ltd.

PROFESSIONAL SURVEYORS AND MAPPERS: CERTIFICATE NO. LB 8030
BOARD OF PROFESSIONAL ENGINEERS: CERTIFICATE OF AUTHORIZATION NO. 33462

# 639 NW ENTERPRISE DRIVE
ST. LUCIE WEST LOT I-37 NORTH PLAT
SPRC SITE PLAN
CITY OF PORT ST. LUCIE
FLORIDA

PROJECT NO
010563-06-003

OCTAVIO "OATS" REIS, P.E.
FL. LICENSE NO. 65661

| PLAN STATUS | |
|---|---|
| 12/31/24 | SPRC SUBMITTAL |

| DATE | DESCRIPTION |
|---|---|

| BK DESIGN | GC DRAWN | GMB CHKD |
|---|---|---|

SCALE: N/A
JOB No. 010563
DATE 2025/01/02
FILE No. 010563-06-003-SPRC

SHEET SP2

PROJECT #
P24-092

Cad file name: p:\010563 – deliceto storage facility\010563-06-001 (eng) – roman const 660 lot 37\engineering\010563-06-003 lot i 37 nw enterprise\CAD_plans (dwg)\PLANS\010563-06-003-SPRC.dwg 01/02/25