

FILE NAME: C:\EGNYTE\SHARED\DOCUMENTS\PROJECTS\2016\16019_PETMEDS WAREHOUSE\DEI\DRW\500-200_BAILER\ROO - OPEN\16019-DRW-331-100-00_00.DWG

PLOT DATE: 6/10/2016 4:17 PM; SHEET SIZE: ARCH D; PLOT SCALE: 1:1;

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NO.	REVISION	BY/CHK	DATE
00	INITIAL ISSUE	JL	06-09-16

GENERAL NOTES

SPECIFICATIONS

- THE PURPOSE OF THIS DRAWING IS TO PROVIDE POWER ROUTING AND CONSTRUCTION DETAILS. THESE PLANS DETAIL THE FINAL ARRANGEMENT OF EQUIPMENT AND THEIR ASSOCIATED APPENDAGES.
THE SCOPE OF THIS PROJECT IS THE LOCAL LIGHTING AT THE BAILER BUILDING. THESE PHOTOMETRICS ARE BASED ON NEW LOCAL LIGHTING. EXISTING PARKING/DRIVE LIGHTING IS TO REMAIN.
- ANY AND ALL QUESTIONS AS TO THE INTENT OF, OR PROCEDURES SET FORTH IN THESE DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE SUBMISSION OF A BID. LACK OF KNOWLEDGE OR UNDERSTANDING OF PLANS SHALL NOT JUSTIFY ANY CLAIMS OR EXTRA COMPENSATION.
- ALL SYMBOLS MAY NOT BE USED FOR THIS PROJECT.
- PRIOR TO CONSTRUCTION, THE ELECTRICAL CONTRACTOR SHALL:
 - VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION.
 - PRIOR TO CONSTRUCTION, THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE ELECTRICAL SERVICE WITH THE UTILITY'S REPRESENTATIVE.
 - NOTIFY THE ENGINEER OF ANY CHANGES REQUIRED TO COMPLETE NEW CONSTRUCTION.
- NEW ELECTRICAL SERVICE EQUIPMENT SHALL MATCH EXISTING A.I.C. RATING. EXISTING EQUIPMENT SHALL BE A CONDITION OF ANY SUB-CONTRACT.
- CONTRACTOR TO CONFIRM CABLE LENGTH FROM UTILITY TRANSFORMER/METER TO FIRST CONNECTION POINT MEET THE NEC MINIMUM VOLTAGE DROP REQUIREMENTS.
- ELECTRICAL CONTRACTOR SHALL VERIFY THE HEIGHT OF ALL EQUIPMENT PRIOR TO INSTALLATION.
- SWITCHES ARE TO BE MOUNTED AT 48" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
- ALL EXTERIOR EQUIPMENT TO BE NEMA 3R RATED.
- PROVIDE POWER DROP ALONG STRUCTURAL COLUMN AND ROUTE CONDUIT OVERHEAD THROUGH FIELD ROUTED RACEWAYS TO EQUIPMENT LOCATIONS FOR POWER DATA AND COMPRESSED AIR BELOW EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL VERIFY THE HEIGHT OF ALL EQUIPMENT PRIOR TO INSTALLATION.
- SWITCHES ARE TO BE MOUNTED AT 48" ABOVE FINISHED FLOOR, UNLESS OTHERWISE NOTED.

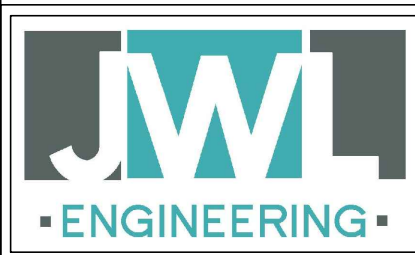
- DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED FOR THE EXACT LOCATION OF EQUIPMENT, CABLEWAYS OR OTHER ITEMS. REFER TO THE ARCHITECTURAL PLAN AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT AND CONFIRM WITH OWNERS' REPRESENTATIVES.
- THESE PLANS DO NOT SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND MEET ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2011 EDITION OF THE NATIONAL ELECTRIC CODE, 2012 EDITION OF NFPA 70E, 2010 EDITION OF NFPA 72, 2014 EDITION OF FBC WITH REVISIONS. IN ADDITION, ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH APPLICABLE NATIONAL, STATE AND LOCAL CODES, RULES, AND ORDINANCES.
- THE ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED IN ARTICLE 250, NATIONAL ELECTRICAL CODE.
- THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER, LIGHT COMPANY AND TELEPHONE COMPANY.
- ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR IN A FIRST CLASS, WORKMAN-LIKE MANNER. THE COMPLETED SYSTEM SHALL BE OPERATIVE AND ACCEPTANCE BY ENGINEER/ARCHITECT SHALL BE A CONDITION OF ANY SUB-CONTRACT.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE A WRITTEN WARRANTY THAT SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR ONE YEAR FROM THE DATE OF FINAL WORK ACCEPTANCE BY THE OWNER OR OWNERS REPRESENTATIVE.
- ARCHITECTURAL AND/OR ENGINEERING EXPENSES THAT ARE INCURRED DUE TO REVISIONS OR SUBSTITUTIONS REQUESTED FOLLOWING THE ISSUE OF APPROVED DRAWINGS SHALL BE PAID FOR BY THE CONTRACTOR.
- ALL 120V GENERAL BRANCH CIRCUITS, CARBON MONOXIDE/SMOKE ALARM COMBO UNITS & LIGHTS TO BE PROTECTED BY ARC INTERRUPTING CIRCUIT BREAKER-PER NEC. EXCEPTION IS GFI CIRCUIT TYPE BREAKERS FOUND IN KITCHEN, BATHROOM, GARAGES, AND OUTDOOR. PROVIDE TAMPER RESISTANT TYPE RECEPTILES PER NEC, NORMALLY USED FOR GENERAL POWER AND ILLUMINATION.
- UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE COPPER, WITH "THIN" INSULATION FOR SIZE #10 AND SMALLER. CONDUCTORS LARGER THAN #10 SHALL HAVE "THIN" INSULATION. ALL CONDUCTORS #10 AND SMALLER MAY BE SOLID. ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED.
- THE CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS, AND TESTS.
- THE CONTRACTOR SHALL BE THOROUGHLY FAMILIARIZED WITH ALL ASPECTS OF THE PROJECT AND SHALL VERIFY ALL CONDITIONS PRIOR TO CONSTRUCTION.
- ALL INSTALLATIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH OTHER TRADES TO AVOID IMPACTS.
- ALL REQUIRED CONSTRUCTION INSURANCE FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK SHALL BE PROVIDED BY THE CONTRACTOR.
- CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY PHASE OF THE INSTALLATION WHICH MAY BE DAMAGED.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL EQUIPMENT FOR PROPER VOLTAGE, PHASE, AND CURRENT BEFORE CONNECTION TO CIRCUITS.
- ELECTRICAL CONTRACTOR SHALL CHECK AND VERIFY EQUIPMENT FURNISHED AGAINST THOSE SPECIFIED OR INTENDED AND REVISE BRANCH CIRCUITS AS MAY BE REQUIRED WITH PRIOR APPROVAL OF ENGINEER/ARCHITECT.
- ALL MATERIALS SHALL BE NEW AND SHALL BEAR UNDERWRITERS LABEL WHERE APPLICABLE. EQUIPMENT SHALL BE U.L. APPROVED.
- OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK MAKE, QUICK BREAK, WITH ENCLOSURES AS REQUIRED BY EXPOSURE.
- CIRCUITS SHOWN ON PLANS ARE TO DETERMINE LOAD DATA AND PANEL SIZE. THE CONTRACTOR SHALL PROVIDE CIRCUITS TO SUIT JOB CONDITIONS.
- FURNISH AND INSTALL LIGHTING FIXTURES AND LAMPS AS CALLED FOR ON PLANS, OR AS SELECTED BY OWNER.
- SERVICE ENTRANCE EQUIPMENT FOR ALL ELECTRICAL ELEMENTS TO HAVE MIN. A.I.C. RATING OF 42,000 AMPS AND BE NEMA-3R RATED.
- ALL ELECTRICAL EQUIPMENT AND CABLING RATED @ 75°C CONTINUOUS DUTY.

PROJECT:
**PETMEDS
 BAILER BUILDING
 420 SOUTH
 CONGRESS AVENUE
 DELRAY BEACH, FL**

ARCHITECT:
**THE BENEDICT
 BULLOCK GROUP, PA
 1525 NW 3RD STREET
 SUITE #1
 DEERFIELD BEACH, FL**

GENERAL CONTRACTOR:
TBD

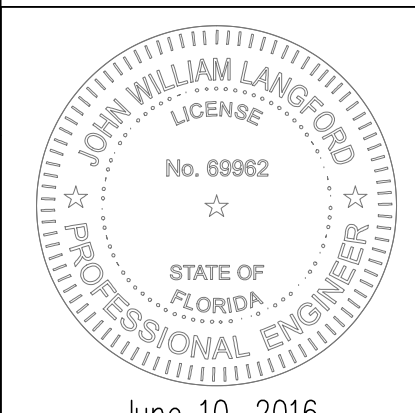
TO THE BEST OF THE ARCHITECTS KNOWLEDGE THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES AND LOCAL ORDINANCES. THE ARCHITECTS MAKE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED HEREON. THE ARCHITECTS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THESE PLANS OR SPECIFICATIONS. THE ARCHITECTS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THESE PLANS OR SPECIFICATIONS. THE ARCHITECTS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THESE PLANS OR SPECIFICATIONS.



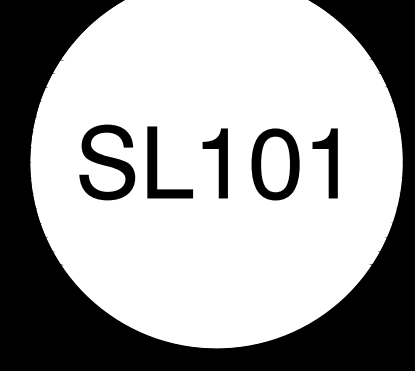
JOHN W. LANGFORD ENGINEERING, LLC
 238 DOWEN STREET
 BOCA RATON, FLORIDA 33487
 Tel: (561) 237-5223
 Fax: (561) 237-5680
 www.JWLENGINEERING.com

ANY DESIGN CHANGES TO THE SYSTEM DESCRIBED IN THESE PLANS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD WILL VOID THESE PLANS. ALL EXPENSES INCURRED DUE TO THESE CHANGES WILL BE THE RESPONSIBILITY OF THE PARTY PERFORMING SUCH CHANGES.

I HEREBY CERTIFY THAT THESE PLANS WERE MADE UNDER MY RESPONSIBLE CHARGE. THIS DOCUMENT IS ELECTRONICALLY SIGNED AND SEALED PURSUANT TO SECTION 471.025 OF THE FLORIDA STATUTES AND 61G15 OF THE FLORIDA ADMINISTRATIVE CODE.
JOHN LANGFORD, FL#69962



June 10, 2016
 HVAC PLAN
 NOTES, EQUIPMENT
 & DETAILS



WSTM LED
 LED Mini Wall Sconce

Specifications
 Luminaire
 Height: 5.5" (140 mm)
 Width: 13.5" (343 mm)
 Depth: 7.5" (190 mm)
 Weight: 3.5 lbs (1.6 kg)

Ordering Information

WSTM ID	Color	Power	Height	Depth	Weight	Notes
WSTM-01	White	30W	5.5"	7.5"	3.5 lbs	Standard
WSTM-02	Black	30W	5.5"	7.5"	3.5 lbs	Standard

EXAMPLE: WSTM LED 2A 40K 120 D00T2KD

Stock configurations are offered for shorter lead times:

WSTM ID	Color	Power	Height	Depth	Weight
WSTM-03	White	30W	5.5"	7.5"	3.5 lbs
WSTM-04	Black	30W	5.5"	7.5"	3.5 lbs

Accessories

- WSTM-05: 120V/277V Transformer
- WSTM-06: 120V/277V Transformer

NOTES:

- Verify all dimensions and mounting details.
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Performance Data

Lumen Output

Color	Power	Beam Angle
White	30W	120°
White	30W	60°
White	30W	30°
White	30W	15°
White	30W	7.5°

Lumen Ambient Temperature (LAT) Multipliers

LAT	Multiplier
25°C	1.00
30°C	0.95
35°C	0.90
40°C	0.85
45°C	0.80
50°C	0.75
55°C	0.70
60°C	0.65
65°C	0.60
70°C	0.55
75°C	0.50

Projected LED Lumen Maintenance

Hours	30°C	40°C	50°C	60°C	70°C
10,000	90%	85%	80%	75%	70%
20,000	81%	76%	71%	66%	61%
30,000	74%	69%	64%	59%	54%
40,000	68%	63%	58%	53%	48%
50,000	63%	58%	53%	48%	43%

Electrical Load

Color	Power	Current	Voltage
White	30W	0.14A	208V
White	30W	0.14A	277V

Photometric Diagrams

FEATURES & SPECIFICATIONS

- RENDERING:** The WSTM LED Mini Wall Sconce is designed for applications such as hospitals, clinics, and commercial buildings. The WSTM LED Mini Wall Sconce is designed for applications such as hospitals, clinics, and commercial buildings. The WSTM LED Mini Wall Sconce is designed for applications such as hospitals, clinics, and commercial buildings.
- CONSTRUCTION:** The WSTM LED Mini Wall Sconce is constructed from high-quality materials. The WSTM LED Mini Wall Sconce is constructed from high-quality materials. The WSTM LED Mini Wall Sconce is constructed from high-quality materials.
- FINISH:** The WSTM LED Mini Wall Sconce is available in White and Black finishes. The WSTM LED Mini Wall Sconce is available in White and Black finishes. The WSTM LED Mini Wall Sconce is available in White and Black finishes.
- OFFICE:** The WSTM LED Mini Wall Sconce is designed for office applications. The WSTM LED Mini Wall Sconce is designed for office applications. The WSTM LED Mini Wall Sconce is designed for office applications.

BAILER BUILDING LOCAL LIGHTING PHOTOMETRICS
 SCALE: N.T.S. A6

BAILER BUILDING LOCAL LIGHTING PHOTOMETRICS
 SCALE: N.T.S.

