

WM. SCOTT CRAWFORD P.E. 39436

REVISION

DATE 02/21/18 CKD. BY DATE

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DRAWN GAC WSC 08/22/19

DESIGN GAC WSC 08/22/19

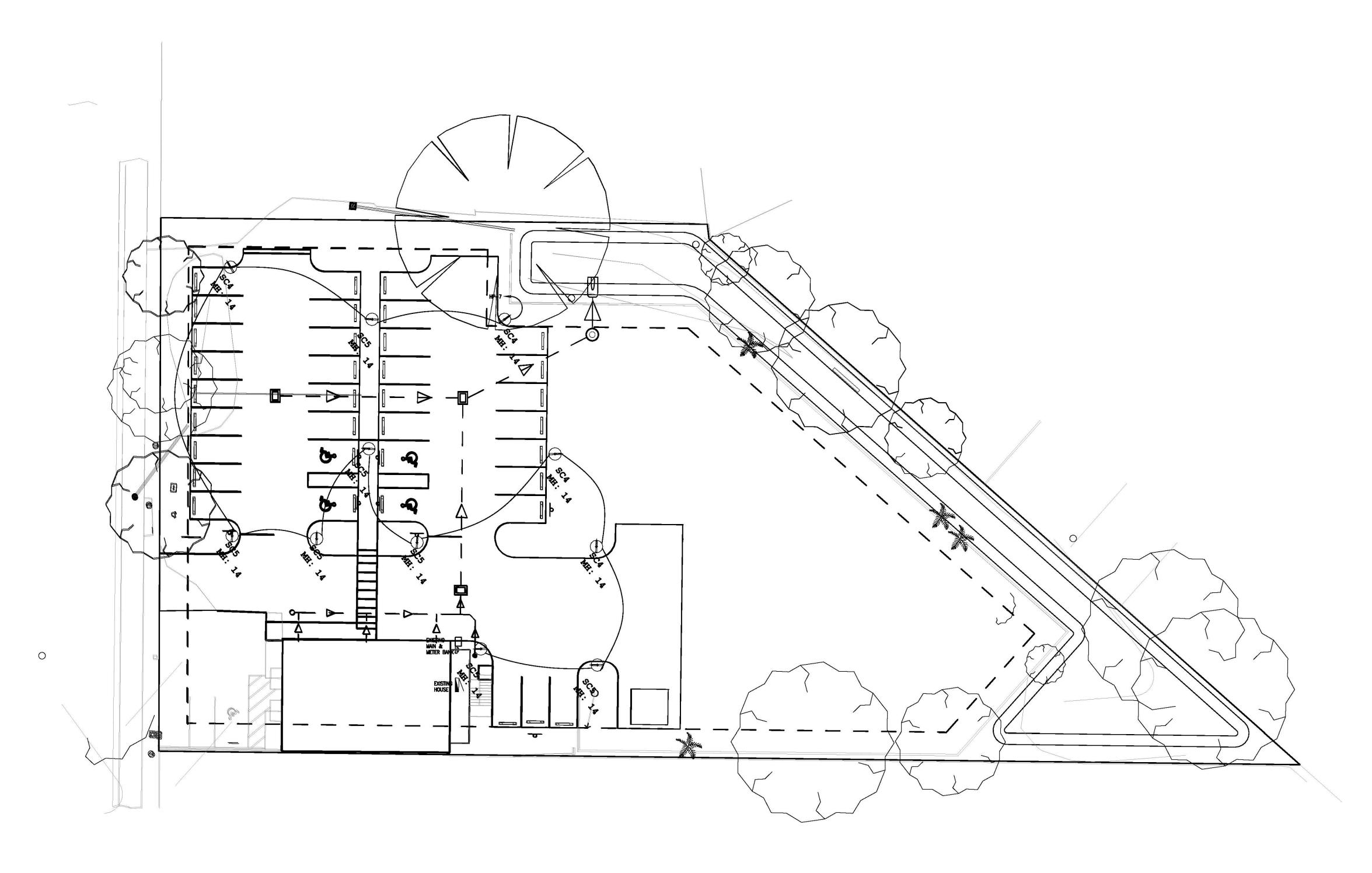
DESIGN GAC WSC 08/22/19

DESIGN GAC WSC 08/22/19 Certificate of Authorization No. 3943

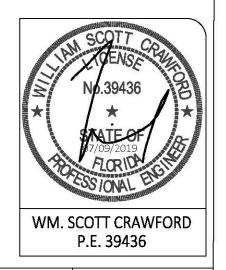
WSC 08/22/19 SCALE @ 24"x36" DMK NO. 18-0001

925 TAMIAMI TRAIL SOUTH DUNN HAVEN HOLDINGS, LLC 925 TAMIAMI TRAIL S. VENICE, FL 34285 ELECTRICAL PHOTOMETRIC PLAN

SHEET No. E1.00





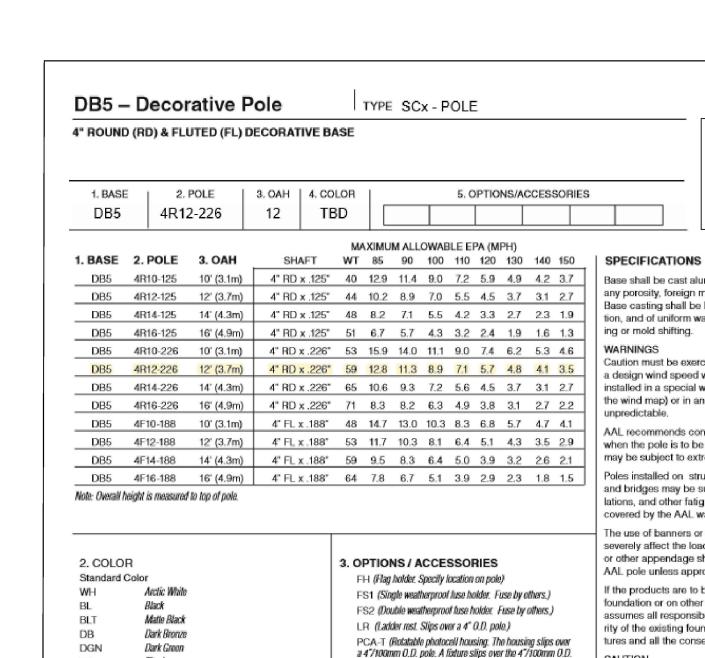


REVISION



925 TAMIAMI TRAIL SOUTH DUNN HAVEN HOLDINGS, LLC 925 TAMIAMI TRAIL S. VENICE, FL 34285 ELECTRICAL SITE - POWER PLAN

SHEET No. E1.10



Titanium

Weathered Bronzi

Matte Aluminum

Medium Grev

Light Grey

Shamrock

Seafoam

Custom Color

Saft and Pepper

Weathered Copper

RAL 4 digit Color

Antique Green

Bronze Metallic

Verde Blue

Corten

WDB

MDB

**VBU** 

CRT

MAL

MG

AGN

LG

SHK

SPP

SFM

WCP

RAL

CUSTOM

Premium Color

Base shall be cast aluminum #356 alloy, free of any porosity, foreign materials, or cosmetic fillers Base casting shall be heat treated to a T-6 condition and of uniform wall thickness, with no warping or mold shifting.

Caution must be exercised in the selection of design wind speed when the pole is to be installed in a special wind region (as indicated by the wind map) or in an area where wind speed is

AAL recommends consulting a local engineer when the pole is to be installed in an area that may be subject to extreme weather and exposure. Poles installed on structures such as buildings and bridges may be subjected to vibration, oscillations, and other fatigue effects which are not covered by the AAL warranty.

The use of banners or other appendages can severely affect the loading of a pole. No banner or other appendage should be attached to an AAL pole unless approved by AAL. If the products are to be used on an existing

foundation or on other structures, the customer assumes all responsibility for the structural integrity of the existing foundation, anchorage or structures and all the consequences arising therefrom Poles should never be erected without the lumi-

naire installed. Anchor bolts shall be hot dip galvanized steel. Six galvanized hex nuts and flat washers, and a bolt circle template shall be provided. Anchor bolt for poles are 3/4" x 24" x 3". CERTIFICATION

Certified UL 1598 in accordance with Article 410

of ANSI/NFPA 70. National Electrical Code.

P 626 968 5666 1 F 626 369 2695 1 www.nal.nat

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DB5 – Decorative Pole 4" ROUND (RD) & FLUTED (FL) DECORATIVE BASE e srow -BOTTOM WEW \$ SINGLE FORTURE MOUNTING ORIENTATION BOTTOM VIEW INDICATES POLE IS LAYING DOWN WITH ACCESS COVER FACING UP DOUBLE FIXTURE MOUNTING ORIENTATION (INDIGATES POLE IS LAYING DOWN ARCHITECTURAL AREA LIGHTING 16555 East Gale Ave. | City of Industry | CA 91745

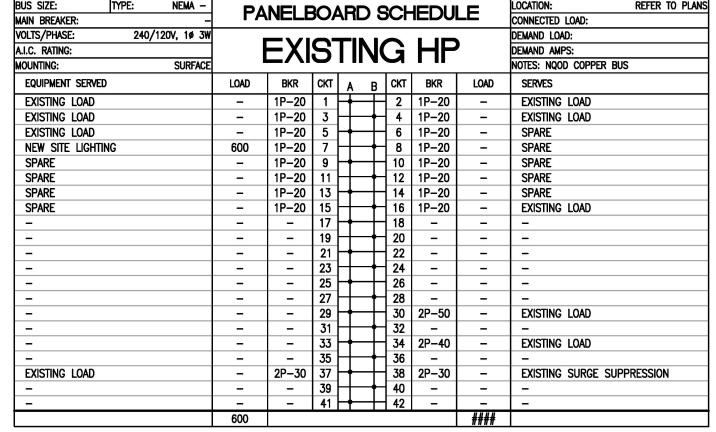
121

 Energy Saving LED technology Cast aluminum struts Surge protection included Reliable efficient operation Wide variety of custom mounting options DLC pending including post-top, wall mount or pole Available in 3000K, 4000K and 5000K Type 2, 3, 4, 5 distributions · Powder coat finish in 13 standard colors 0-10V dimming ready IP66 construction of optical system LifeShield\* protection system 2. DISTRIBUTION 3. COLOR TEMP 4. DRIVER 5. COLOR 6. OPTIONS 7. CONTROL 8. MOUNTING 32LED-3K TBD Y5 700 PT4 1. LUMINAIRE SPECIFICATIONS ARM OR POST TOP MOUNT PCA-C (Contemporary photocoll adapter, not for Wall Mount) PCA-T (Traditional photocol) adapter, not for Wall Mount) Luminaire shall be cast A356 alloy aluminum, free o TOP MOUNTED ARM OR PENDANT MOUNT any porosity or cosmetic fillers. Castings shall be o SCP (Sensor Control Programmable) pole accessory is uniform wall thickness, minimum .188 inch with no available to provide occupancy detection for outdoor ping or mold shifting. applications meeting California Title 24. For complete The top cap shall hinge open by loosening two spec sheet and ordering information, visit www.aal.net/ 2. DISTRIBUTION products/sensor control programmable/ captive fasteners. The top shall seal the lamp Y2 (Tupe 2) mpartment with a continuous silicone gasket 8. MOUNTING Y3 (Type 3) The lens shall be one-piece clear optical grade WALL MOUNT ALN445 Y4 (Type 4) acrylic with a one-piece memory retentive silicon gasket on top and bottom. The LED and driver Y5 (Type 5) assembly shall be serviceable by backing out three WMA1M WMA1L WMA36U WMA55 WMA7 WMA9U thumb screws to allow for the light engine to be 3. COLOR TEMPERATURE lifted out. Quick disconnects shall be used for all 32LED-3K (Warm White, 3000K autput) ALN445D All internal and external hardware shall be stainless 32LED-4K (Noutral White, 4000K output) WMA2M WMA2L WMA39 WMA4 WMA9D WMA10 WMA16 WMA17 WMA37 WMA6 WMA11 WMA18 WMA8 WMA12 WMA22D 32LED-5K (Bright White, 5000K cusput) OPTICAL MODULE The optical assembly shall be completely sealed 4. DRIVER (120 thru 277 volt) POLE MOUNT (4" O.D. or 5" O.D. side mount) with a one piece injection molded silicone gasket to 700 (700mA drive current, 75 watts) prevent dust, insect or moisture contamination. The TRA3 TRA5U TRAIM TRAS TRASU TRASS
TRAS6 (4" only) TRAS7 TRAS9U SLASU optical array shall consist of high brightness light 5. COLOR emitting diodes mounted to a printed metal circuit board with precision injection molded optically WH Analis White VBU Vande Blue ALN445D TRA2M TRA2L SLA8D SLA22D diode. The printed circuit board assembly shall have BLT Matte Black MAL. Matte Abroisum a uniform conformal coating with the exception DB Dark Bronze MG Modern Gray of the optical output lons at each diode and be POLE MOUNT (Top Mount Arm) DGN Dark Green AGN Antique Groce mechanically fastened to an anodized die-cast LG Light Grey RAL Promism Color TT litarium SLM-2 shall be 3000K, 4000K and 5000K. WDB Weathered Brown ALN445D TRA4 TRA9 CUSTOM \* \* Contact Factory MDB Brooze Metallic TRA7-2 SLA4 SLA9 SLA16 TRA7 TRA9-2 SLA7-2 SLA10-2t 6. OPTIONS CHM (Glass chirary with polished brass holder) SLM7-2 SLAte-2 CND (3-lamp candelabre with polished brass holder, lamps included. PIER MOUNT For decorative use only.) LDL (Lightly diffused lens) SBL (Sandblast diffused lens) HSS-L fillouse side shield for use with clear lens only, consists of three field installed panels attached to the inside of the lone, installing three panels blocks 180° of the lens) MAT (Must arm adapter slips over a 2 3/8" / 60mm 0.1), pipe and is secured with 4 stainless steel set screws. For ALN445D only, PMS (Pendant mount with 48" / 1220mm stem and canopy with swired. For ALM450 only.) PMC (Pendant kit includes canopy and 48" / 1220mm of brass chain See next page painted the feture color. For ALN-H5D only.) PT4 (Post top adaptor for a 47/100mm 0.D. pole) 925 TAMIAMI TRAIL SC5 TYPE -ARCHITECTURAL AREA LIGHTING 17760 Rowland Street | City of Industry | CA 91748 ırchitectural P 626.968.5666 | F 626.369.2695 | www.aal.net area lighting Copyright © 2014 May 9, 2017 323 PM | 1 |

ALN445 - Towne Commons® LED TYPE SC5

 Energy Saving LED technology Surge protection included Wide variety of custom mounting options including post-top, wall mount or pole Reliable efficient operation DLC pending Type 2, 3, 4, 5 distributions Available in 3000K, 4000K and 5000K Powder coat finish in 13 standard colors with polymer scaler 0-10V dimming ready P66 construction of optical system LifeShield\* protection system 2. DISTRIBUTION | 3. COLOR TEMP | 4. DRIVER | 5. COLOR | 6. OPTIONS | 7. CONTROL | 8. MOUNTING 32LED-3K 700 TBD 1. LUMINAIRE 7. CONTROL SPECIFICATIONS ARM OR POST TOP MOUNT ALN 445 PCA-C (Contemporary photocell adapter, not for Wall Mount) PCA-T (findbloral photocell adapter, not for Wall Mount) uminaire shall be cast A356 alloy aluminum, free of TOP MOUNTED ARM OR PENDANT MOUNT ALN 445D any porosity or cosmetic fillers. Castings shall be of SCP (Sensor Control Programmable) pole accessory is uniform wall thickness, minimum .188 inch with no available to provide occupancy detection for outdoor applications meeting California Title 24. For complete warping or mold shifting. spec sheet and ordering information, visit www.aal.net/ The top cap shall hinge open by loosening two 2. DISTRIBUTION products/sensor control programmable/ captive fasteners. The top shall seal the lamp Y2 (Type 2) compartment with a continuous silicone gasket 8. MOUNTING Y3 (Type 3) The lens shall be one-piece clear optical grade ¥4 (Type 4) WALL MOUNT acrylic with a one-piece memory retentive silicon gasket on top and bottom. The LED and driver Y5 (Type 5) ssembly shall be serviceable by backing out three WMA3 WMA56 MIAMW thumb screws to allow for the light engine to be WMA36U WMA55 WMA57 3. COLOR TEMPERATURE lifted out. Quick disconnects shall be used for all electrical connections. 321.ED-3K (Warm White, 3000K culput) ALN445D NI internal and external hardware shall be stainless 32LED-4K (Noutral White; 4000K output) WMA2M WMA2L WMA39 WMA4 WMA9D WMA10 WMA16 WMA17 WMA37 WMA6 WMA11 WMA18 32LED-5K (Bright White, 5000K cusput) OPTICAL MODULE The optical assembly shall be completely sealed 4. DRIVER (120 thru 277 voit) POLE MOUNT (4" O.D. or 5" O.D. side mount) 700 (700mA drive current, 75 watts) prevent dust, insect or moisture contamination. The TRAIM TRAS TRASU TRASS TRASS (4" only) TRAST TRASSU SLASU optical array shall consist of high brightness light 5. COLOR emitting diodes mounted to a printed metal circuit board with precision injection molded optically VBU Vende Blue clear lenses discretely coupled to each individual ALN445D TRA2M TRA2L SLA8D SLA22D CRT Content diode. The printed circuit board assembly shall have MAL Matte Absorbus BLT Matte Black of the optical output lone at each diode and be DB Dark Brown MG Modern Grey POLE MOUNT (Top Mount Arm) mechanically fastened to an anodized die-cast DGN Dark Green AGN Antique Groce <u>ALN445</u> SLAI aluminum heat sink. Standard color temperatures TT Titariam LG Light Grey SLAI-2 shall be 3000K, 4000K and 5000K. WDB Weathered Brooze <u>aln445D</u> Traa Trag MDB Brown Metallic CUSTOM \* \* Contact Factory ELECTRICAL TRA7 TRA9-2 SLA7-2 SLA10-2t 6. OPTIONS CHM (Glass chimney with polished brass holder) SLAI7-2 CND (3-lamp candelabre with polished brass helder, lamps included PIER MOUNT For decorative use only.) LDL (Lightly diffused lens) SBL (Sandblast diffused lons) HSS-L (Nouse side shield for use with clear lone only, consists of the field installed panels attached to the inside of the lens, installing three panels blocks 180° of the lens) MAT (Mast arm adapter slips over a 2.3/8" / 60mm 0.0. pipe and is secured with 4 stainless steel set screws. For ALN445D only, PMS (Fendant mount with 48" / 1220mm stem and canopy with swired. For ALN445D only.) PMC (Pendant kit includes canopy and 48" / 1220mm of brase chair See next page painted the listure color. For ALN445D only.) PT4 (Post top adaptor for a 47/100mm 0.D. pole) 925 TAMIAMI TRAIL JOB ARCHITECTURAL AREA LIGHTING 17760 Rowland Street | City of Industry | CA 91748 P 626,968,5666 | F 626,369,2695 | www.aal.net arealighting Copyright © 2014 May 9, 2017 3:23 PM

ALN445 - Towne Commons® LED TYPE SC4



tenon. Includes an internal twist lock receptacle, and an access

cover with integral lens and stainless steel tether. Adds 5"/125mm

to the overall height of the pole/fixture assembly. Prewired on the

load side and line side for easy installation. Photocell by others.)

PCR (Low profile twist lock photocell receptacle with cast pole

cap top. Secures to the top of the pole with three stainless steel

PLT (Plant Hanger. For 4" O.D. poles. (specify location on pole)

RBC (Cast aluminum receptacle housing, integrally welded to

the pole. Includes a NEC approved clear weatherproof cover. Does

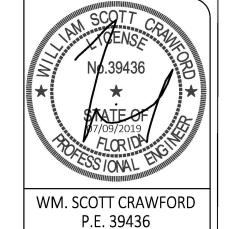
set screws. Photocell by others.)

not include a receptacle or internal wiring.)

NEW ELECTRICAL LOAD

NEW LIGHTING CIRCUIT ADDS 600 WATTS TO EXISTING CIRCUIT

**EXISTING RISER** EXISTING TIMECLOCK CONNECT NEW LIGHTING CIRCUIT TO EXISTING TIMECLOCK. COORDINATE TIME SETTING 400A CU 240/120V ---PANEL HP EXISTING 240/120V 1ø, 3W ------SURFACE ---FPL PADMOUNT XFMR 120/240V



## LIGHTING FIXTURES SPECIFICATIONS AND RISER DIAGRAM

REVISION

A S S O C I A T E S ENGINEERS I SURVEYORS 421 Commercial Court, Suite C Venice, Florida 34292 Phone (941)412-1293, Fax (941)412-1043 Certificate of Authorization No. 3943

DATE 02/21/18 CKD. BY DATE DRAWN GAC WSC 08/22/19 WSC 08/22/1 DESIGN GAC SCALE @ 24"x36" DMK NO. 18-0001

DUNN HAVEN HOLDINGS, LLC 925 TAMIAMI TRAIL S. VENICE, FL 34285

925 TAMIAMI TRAIL SOUTH LIGHTING FIXTURES SPECIFICATIONS AND RISER DIAGRAM

SHEET No. **E2.00**