

SECTION 00 91 13
ADDENDUM

To all prospective Bidders and others concerned, YOU ARE HEREBY ADVISED THAT the Contract Documents for the above referenced Project are revised in accordance with the following:

Plan Sheet	Description of Change
C3.0	Clarified heights of proposed light pole bases for base bid and Alternate 2.
C4.1	Clarified Light Pole Foundation detail to show heights of proposed light pole bases and revised foundation depth.

Attachments to this Addendum:

C3.0 SITE PLAN 20260909 ADD 2.pdf

C4.1 ELEC DETAILS 20260909 ADD 2.pdf

This Addendum is hereby incorporated into the original Contract Documents for the bidding referred to above and is considered as binding as though originally appearing therein. Receipt of this Addendum must be noted in the place provided in Section 00 42 43 - Proposal.



Description

The sleek future design of the LDS-SAL is a blend of modern sophistication and unmatched energy efficiency. The LDS-SAL small area light includes the benefits of superior thermal efficiency, an industry-leading ten-year all-parts warranty, and custom optics ensuring best-in-class photometric results. Optimize photometric designs with greater pole spacing, uniformity, and lower energy usage. The LDS-SAL includes lumen packages up to 30,000 lumens allowing one-for-one replacements of existing HID fixtures up to 1000 Watt and is a perfect spec-grade solution for parking lots, pathways, tennis courts, and many other outdoor applications. Proudly Made in the USA.

Technical Specifications

Input Voltage: 120-277V or 347-480V.

Housing: Die-cast aluminum housing with 60% gloss polyester powder coat finishes for maximum durability. The base aluminum material is prepared using an environmentally-friendly non-chrome 2-step surface cleaning and passivation process. The process results in a more durable conversion layer than traditional chrome conversion coatings and allows maximum adhesion of the powder coating to the aluminum substrate. Housing features an integrated heat sink and driver compartment built into the fixture design.

Mounting: Mounting arm designed for a square / round pole (standard). Additional mounting options include a pole mounting arm adaptor.

Split Circuit: Optional

Effective Projected Area (EPA): 0.83 ft²

Color Temperature: 2200K, 2700K, 3000K, 4000K (standard), 5000K.

LED Lifetime: All LEDs are rated for a minimum of 100,000 hours of continuous operation at ambient outdoor temperatures from -40°F/-40°C to 115°F/46°C.

Color Rendering Index (CRI): Minimum of 80 or higher. CRI 90+ available upon request. CRI 90+ not available in 2200K.

Dimming: 0-10V standard dimming capability.

Custom Optics: Lumecon meticulously engineered premium acrylic optical lenses to maximize the distribution and uniformity of light while minimizing cost. Our arrays distribute light at least 21% further and with 20% more uniformity than leading competitors. Lumecon custom lenses create a uniform, well-lit environment that mitigates luminance "hot spots" and uses less wattage than typical LED area lights.

Vandal Resistant: Our lens is also resistant to vandalism with a low compact design making the lens material dense and impact resistant. We build to withstand high abuse lighting environments.

Surge Protection: Thermally protected 20kV/40kV varistor type surge suppressor is included and meets ANSI C136.2-2015 Extreme Level. Also meets IEC60361-11 Class II, EN61643-11 Type 2, and UL 981 Class of Energy MSLS/C Model Spec for surge protection. The device is wired in series with the luminaire input power in order to interrupt power to the luminaire when consumed, protecting the LED power supply and circuit boards from additional electrical surges.

Catalog Number:
Project:
Comments:
Prepared By: Date:

Lumecon ETD™ System: The enhanced thermal dissipation system engines are thermally bonded to provide maximum thermal dissipation to the exterior of the fixture to ensure long life. To protect the light engine panel from moisture and corrosion, the LED light engine panel is uniformly coated with a UV stabilized acrylic polymer resin that meets MIL and ASTM dielectric standards. UL and IPX standards for flammability, moisture resistance and thermal shock.

Certification Data: ETL Listed to UL 1598, UL 8750 Wet Locations. *Full compliance and test documentation is available for TM-21, LM-79, LM-80, ETL Listing to UL 1598 and UL 8750 Salt Fog tested for 3,000 hours per ASTM B117-16 / ASTM D610-08. Ingress Protection: IP66 per ANSI/IEC 60529-2004. Passed 3G-vibration @ 100K cycles, per ANSI C136.31-2018.

DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: www.designlights.org

Dimulator Photo-Control: Maximize the cost-saving benefits of your outdoor LED light fixtures with the stand-alone dimming solution. All Dimulators (except for CD and DM 3 versions) have three selectable dimming levels (20%, 50%, 75%) with three different start times (10:00 pm, Midnight, or 2:00 am), which are selectable through the ten position selector switch located on the bottom of the base. All dimming schedules will return to full brightness at 5:00 am. The stand-alone unit is made to work with the ANSI C136.41 receptacle and will provide dimming of LED fixtures.

Manufacturing Origin: US Manufactured and Assembled.

Buy American Act: The product is assembled in the USA and meets the Buy American Act government procurement requirements under FAR, DFARS, and DOT regulations.

BABA Compliant: Meets Build America, Buy America Act Included in the Infrastructure Investment and Jobs Act, Public Law Number 117-58, Title IX, Subtitle A, Part 1 - Buy America Sourcing Requirements, Sections 70911-70917 stating Manufactured in the U.S. The cost of components mined, produced, or manufactured in the U.S. is greater than 55 percent of the total cost of all manufactured product components.

Warranty: 10 Year L70 performance based warranty. For full warranty terms, please visit our website: www.lumecon.com

Ordering Information

LDS-SAL - Options / Ordering Example: LDS-SAL-110-DB-T5-1-50-MAS

Wattage	Color	Distribution	Voltage	Color Temperature	Mounting Methods
30 - 30 Watts	DB - Dark Bronze	T2 - Type II	1 - 120v/277v	22 - 2200K *	MAS - Mounting Arm (Square Pole) *
45 - 45 Watts	GR - Gray	T3 - Type III	2 - 347v-480v	27 - 2700K *	For a Round Pole, add UARP option
60 - 60 Watts	BK - Black	T4 - Type IV		30 - 3000K *	SF - Slip Filter
75 - 75 Watts	WH - White	T5 - Type V		40 - 4000K *	TM - Tenon Mount *
80 - 80 Watts	CC - Custom Color			50 - 5000K	
85 - 85 Watts	AF - Automotive Finish				
95 - 95 Watts					
110 - 110 Watts					
125 - 125 Watts					
160 - 160 Watts					
200 - 200 Watts					
220 - 220 Watts					

Options & Accessories

UARP - Universal Adaptor Round Pole

R - Receptacle Only

RS - Receptacle Only with Shorting Cap

7P - Seven-pin Twist Lock PhotoCell Receptacle Only *

PC1 - 120v-277v Button Eye PhotoCell *

PC3 - 120v-277v Twist Lock PhotoCell (10 year warranty)

PC4 - 347v-480v Twist Lock PhotoCell (10 year warranty)

OC1 - On/Off *

OC2 - Dim/High 1/4

OC3 - On/Off w/PhotoCell *

OC4 - Dim/High w/PhotoCell 1/4

SC - Split Circuit 1/4, 1/2

BB - Battery Back-Up (only available on the 30W - 80W models and on 120/277V models)

BBCR - Battery Back-Up Cold Rated (only available on the 30W - 80W models and on 120/277V models)

DM4 - 105-305 VAC, 50/60 Hz with 10 position field adjustable selector switch with integrated photocell

DM4-HV - High Voltage 312-530 VAC, 50/60 Hz with 10 position field adjustable selector switch with integrated photocell

DM4-CD - Constant all-night Dimming with integrated photocell

DM4-CD-HV - Constant all-night Dimming, 315-530 VAC 50/60Hz with integrated photocell

DM4-CLC - 120 VAC, 50/60 Hz, cUL certified version with gray cover with integrated photocell

DM4-ALC - Adaptive Lighting Control with 2% per year incremental increase to compensate for aging fixture with integrated photocell

DM3-XX - Factory set dimming schedule (10 position selector switch not available) with integrated photocell

BS5 - Bird Spikes (Installed)

BL - Backlight Louver(s) snap over LED Array(s) for Backlight Control at the source. *

TYPE A - 2 @ 90 DEGREE
TYPE B - 2 BACK TO BACK
TYPE C - SINGLE LIGHT

Accessories ordered as a separate line item:

33-00112 - External Glare Shield

33-00120 - Full Glare Shield

- Notes:
- For units with 7P the mounting must be restricted to <45° from horizontal arm per ANSI C136.10-2010. If more than a 45° tilt, use PC1 or PC2.
 - Cannot be combined with Occupancy Sensor. Use OC3 or OC4 when Occupancy Sensor and PhotoCell are needed and aiming greater than 45° from horizontal.
 - Must note on PO Mounting Height for proper lens application.
 - See Occupancy Sensor Default Settings Table.
 - See Occupancy Sensor Default Settings Table.
 - Split circuit is only available for 30W, 45W, 60W, 80W, and 80W models.
 - Split circuit is not compatible with Occupancy sensing or photo-eye control.
 - Split Circuit and Battery Back-up cannot both fit in the same housing. Battery Back-up will require external. Battery Back-up will only control one of the circuits.
 - 3000K or warmer, and fixed mounts must be cleared for ICA certification compliance.
 - Works with Type 2, Type 3 and Type 4 arrays.

Sheet / LDS-SAL_01072025

LIGHT POLE BASE HEIGHT IN LAWN

- FURNISH PARKING LOT LIGHT POLES (3) TO HAVE 30" HT CONCRETE BASE ABOVE FINISHED LAWN GRADE.

NOTES:

- HOLE TO BE AUGERED. MINIMIZE DISTURBANCE OF IN-SITU SOILS DURING AUGERING.
- CONTRACTOR TO PROVIDE PREFABRICATED ANCHOR BOLT BUILD-UP.
- THE CITY WILL INSPECT THE AUGERED HOLE AND THE ANCHOR BOLT BUILD-UP AND PROVIDE WRITTEN APPROVAL PRIOR TO THE PLACEMENT OF CONCRETE.
- NO WATER IS TO BE IN HOLE AT TIME OF CONCRETE PLACEMENT.
- CONCRETE SHALL BE VIBRATED DURING PLACEMENT.
- CONTRACTOR WILL PROVIDE NECESSARY CONDUIT FOR ENTRY. PAID FOR AT THE CONTRACT UNIT PRICE FOR 2" CONDUIT.
- COPPER CLAD GROUND ROD (1 REQUIRED) TO BE 5/8" DIA. x 8'-0"
- CONDUIT TO EXTEND 1-2" ABOVE BASE. CABLES TO EXTEND 6" OUTSIDE OF HANDHOLE.
- SHIMS TO BE 1/2" MIN., PER D.E. SPEC
- GROUND CABLE SHALL BE #6 SOFT BARE COPPER WIRE WELDED TO GROUND ROD WITH 24" SLACK ABOVE FOUNDATION TOP. THE NEUTRAL AT THE POLE IS TO BE CONNECTED TO THIS GROUND CABLE.

* UNLESS OTHERWISE NOTED ON THE PLANS OR CONTRACT DOCUMENTS

LIGHT POLE BASE HEIGHT IN PARKING LOT

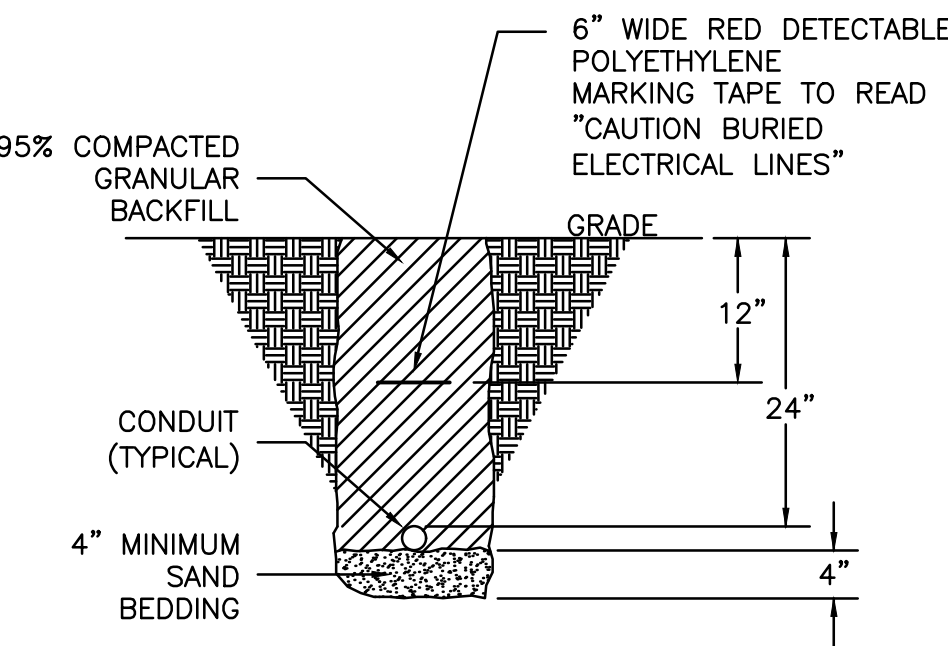
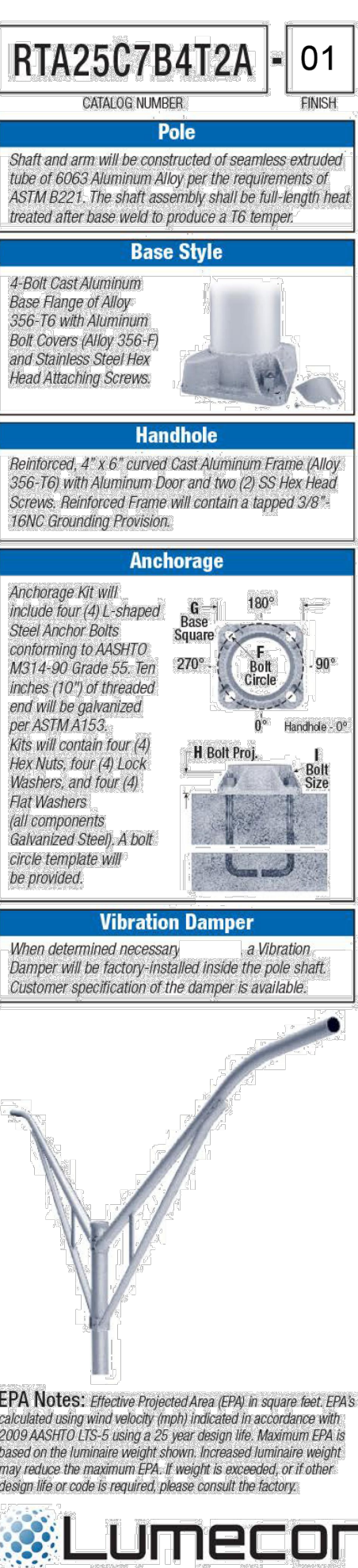
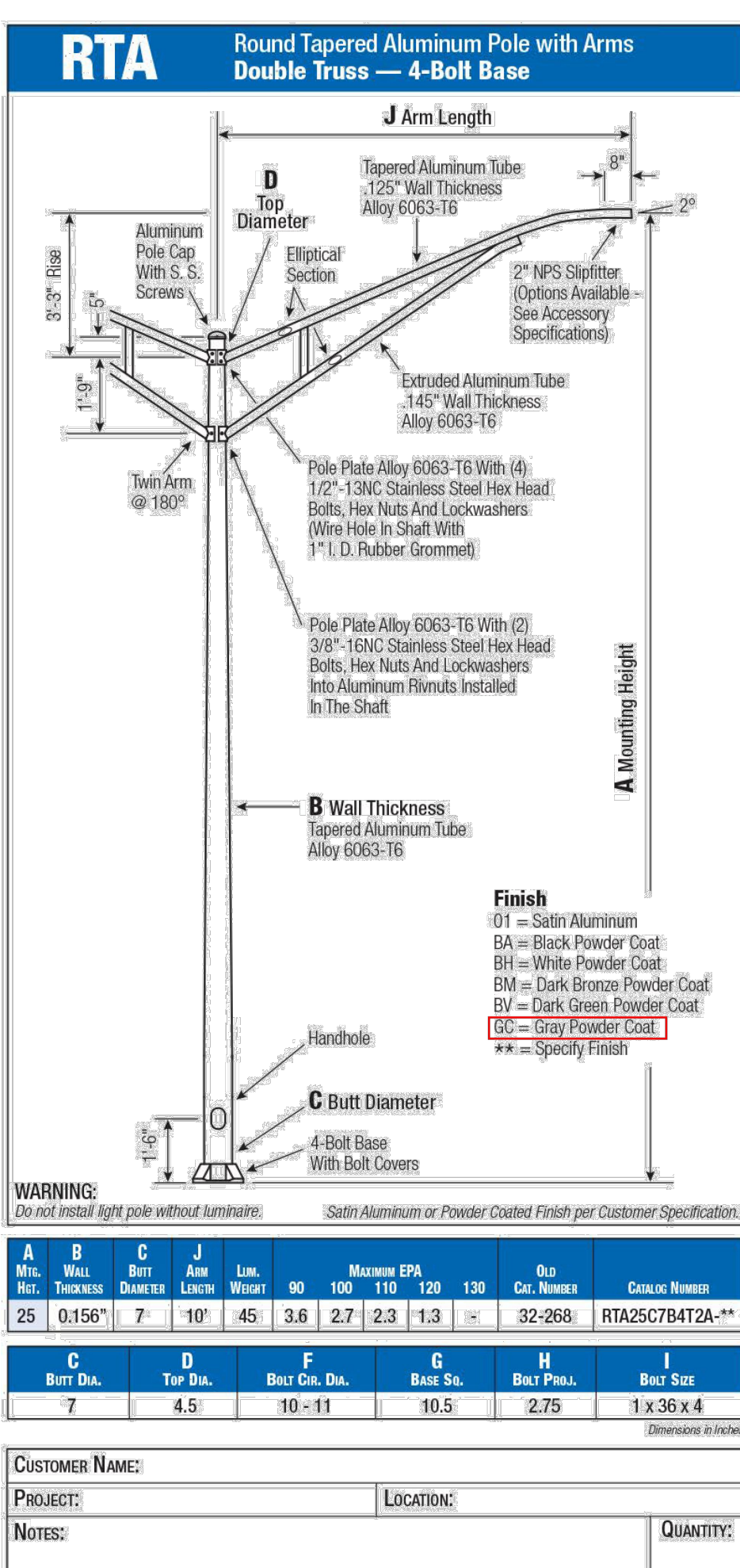
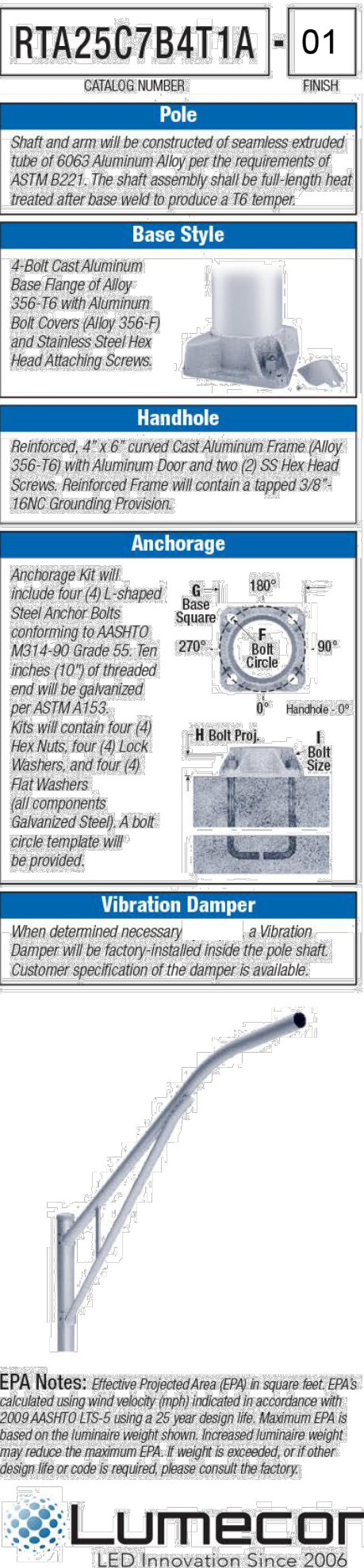
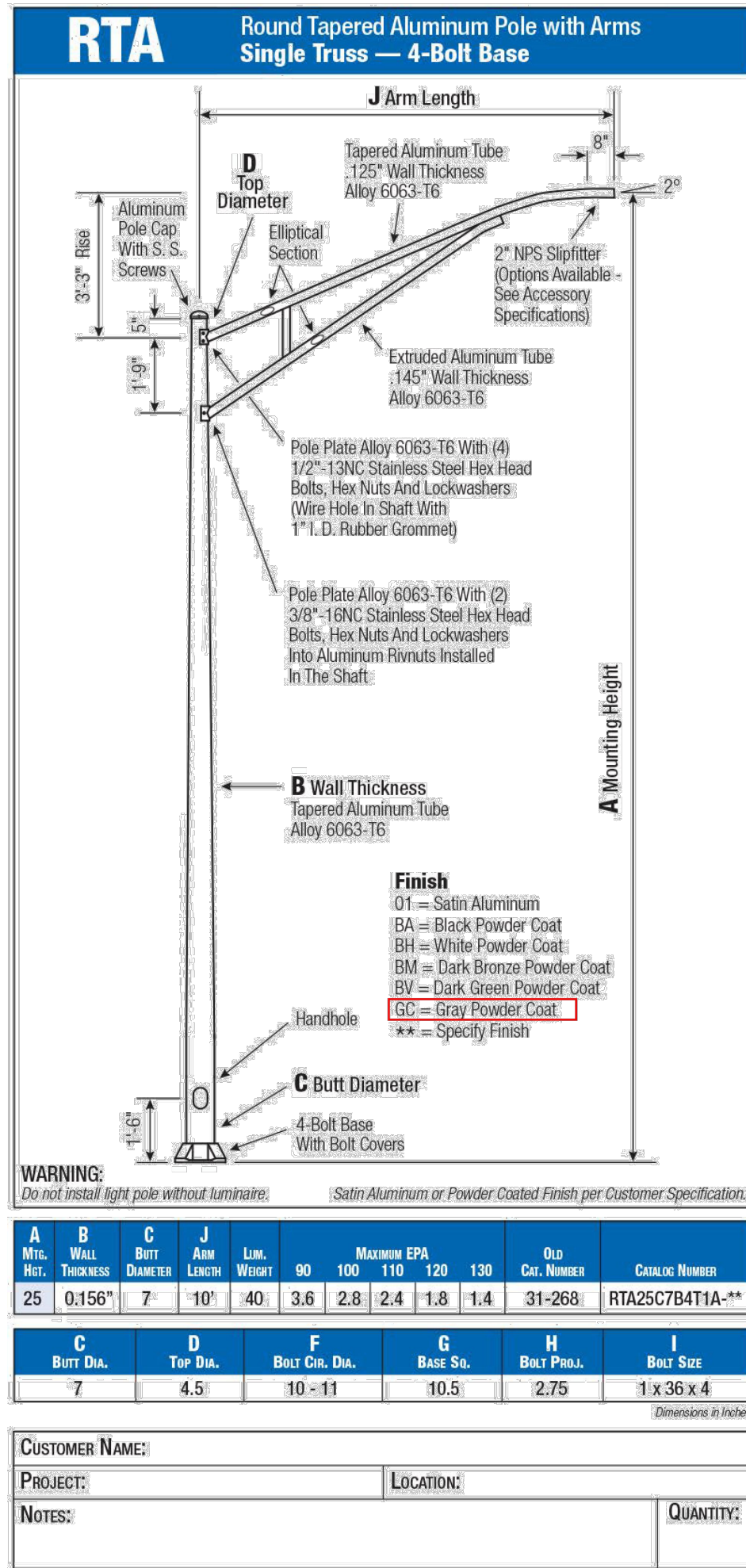
- PARKING LOT LIGHT POLES (2) TO HAVE 36" HT CONCRETE BASE ABOVE PAVED FINISH GRADE.

LIGHT FIXTURE TYPES "A", "B", & "C"

NOT TO SCALE

LIGHT POLE FOUNDATION

NOT TO SCALE

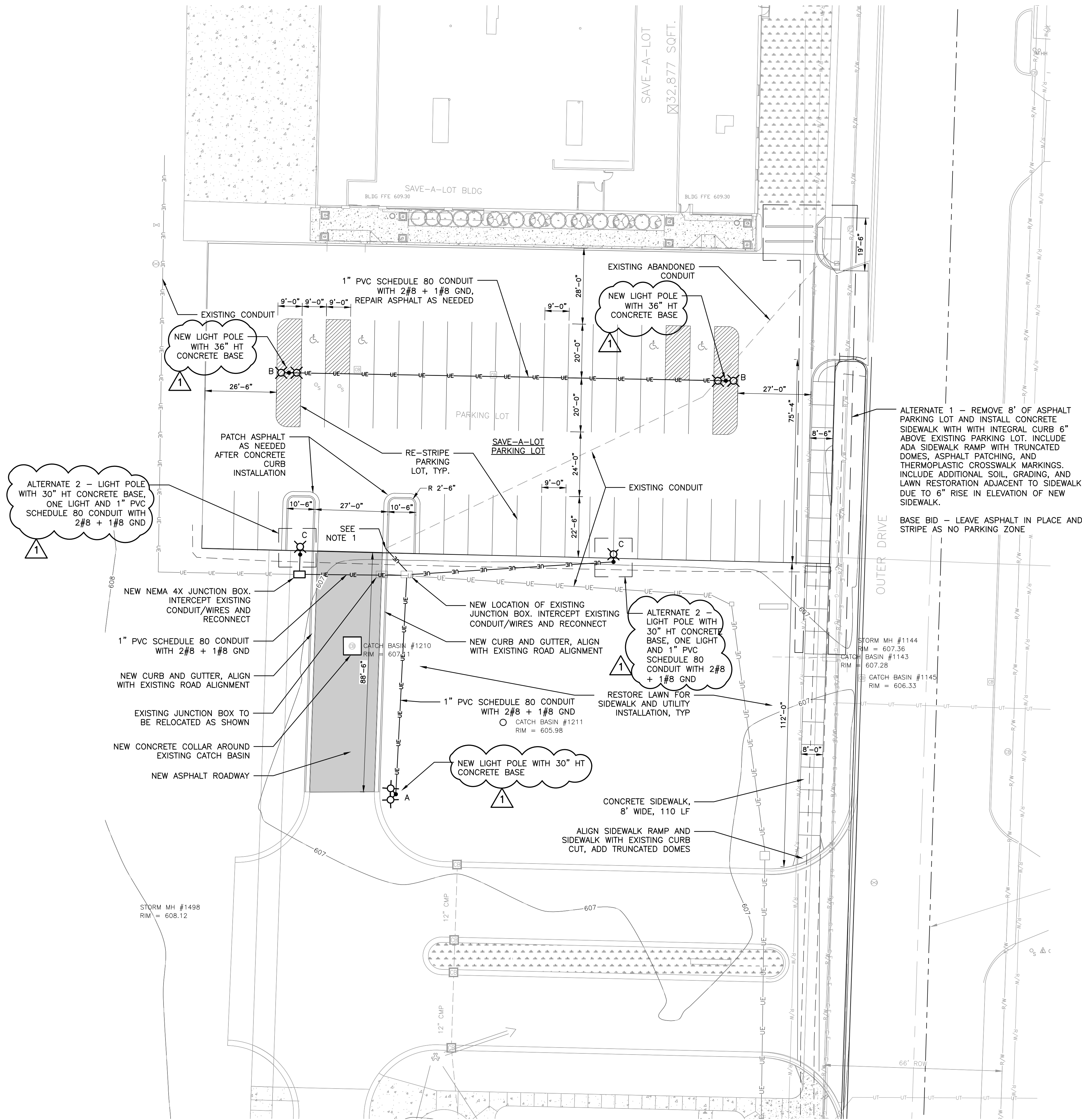


UNDERGROUND CONDUIT

NOT TO SCALE

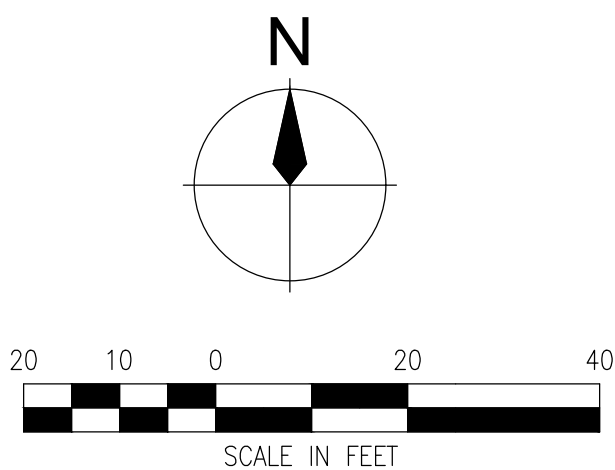


Know what's below.
Call before you dig.



NOTES

1. INTERCEPT EXISTING CONDUIT AND PULL BACK WIRING BETWEEN LIGHT POLES. PROVIDE NEW 1" PVC SCHEDULE 80 CONDUIT FROM INTERCEPTION POINT TO NEW LOCATION OF JUNCTION BOX. PROVIDE NEW 2#8 + 1#8 GND WIRES AND RECONNECT.
2. PROVIDE ALL ELECTRICAL MATERIALS AS REQUIRED PER NEC FOR A COMPLETE FUNCTIONAL SYSTEM.



BUENA VISTA CHARTER TOWNSHIP
3399 E HOLLAND RD
SAGINAW, MI 48601
SITE IMPROVEMENTS PLAN
SAVE-A-LOT PHASE 3
PROPOSED SITE AND UTILITY PLAN

ISSUED FOR: BID
DATE: 8-28-26
BY: MDC

JOB NO.
BVC2045

SHEET

C3.0

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REV#	DATE	DESCRIPTION
1	9-9-26	ADDENDUM 2