

CREEKWOOD - PRIVATE STREET LIGHTING

Qty 8 Type BB with Type T3 distribution
Qty 3 Type CC with Type T4 distribution

555 Lawrence Avenue | Roseville, IL 60172 | P 947.588.3400 | www.stanberglighting.com
CONCEPTUAL ASSEMBLY DRAWING, SUBJECT TO ENGINEERING VERIFICATION BY THE FACTORY

ARM NUMBER OF ARMS: 1
Number of Arms: One Arm (1)

ARM ARM MOUNTED FIXTURE: GL1960
The GL1960 Gallery Series is a large scale, decorative downlight fixture with a spun aluminum shade. The dome is available with six types of shades: straight (S), flared (F), bell (B), round rim (RR), round with flared rim (RF), and round with square rim (RS) styles. The luminaire measures 17-1/2" in diameter and 13-1/2" overall height. The Luminaire shall be UL listed in US and Canada.

GL1960 Type: Straight Edge Shade, Solid Rings, Stepped Top (S-SRS)

LIGHT SOURCE: -12L30T2/T4-MDL006-CA
Army: 12 LEDs, 20W for MD 060
Color Temp: 3000K (S0)
Distribution: Type 2 (T2) Type 4 (T4)
Driver: Multi-Volt Dimmable Low-Range Driver, 120-277V (MDL006)
Lens: Clear Acrylic (CA)

OPTIONS: -EZ-HSS
Hangstrait: EZ Vertical (EZ)
House Side Shield: House Side Shield (HSS)

ARM: R2
R2

POLE: 450P414-188
The 10-1/2" diameter cast 356 aluminum alloy base and aluminum shaft shall be a one-piece construction. For fixtures using remote ballasts or drivers, the servicing of these components requires pulling the pole. The pole shall be U.L. or E.T.L. listed in U.S. and Canada. All pole heights to have a tolerance of ± 2"

Model: 450 Lexington (450)
Shaft Type: Smooth Straight 4 inch, 6061-T6 Aluminum Alloy (P4)
Height: 14 Ft (14)
Gauge: 0.188" (188)

FINISH: OWGT
Assembly shall be powder coated to Old World Gray Textured finish. Prior to coating, the assembly shall be chemically cleaned and etched in a 5-stage washing system which includes alkaline cleaning, rinsing, phosphoric etching, reverse osmosis water rinsing, and non-chrome sealing to ensure corrosion resistance.

Wind Load Evaluation
This assembly, as configured, MEETS AASHTO requirements for wind loading
Wind Speed: 90 mph
Gust Factor: 1.14

Access Door Orientation: 0°
Street Side Orientation: 180°

(4) 1/2" x 18" Anchor Bolts, 8" Bolt Circle, Diamond pattern

Job Name: Creekside Customer Signature: Drawing #42267
Job Location: Petaluma Date: 2022/02/11 1 of 2

555 Lawrence Avenue | Roseville, IL 60172 | P 947.588.3400 | www.stanberglighting.com
CONCEPTUAL ASSEMBLY DRAWING, SUBJECT TO ENGINEERING VERIFICATION BY THE FACTORY

Catalog Number: 1A-GL1960-S-SRS-12L30T2/T4-MDL006-CA-EZ-HSS / R2 / 450P414-188 / OWGT

Job Name: Creekside Customer Signature: Drawing #42267
Job Location: Petaluma Date: 2022/02/11 2 of 2

VWM LED Voltaire Mini Architectural Wall Pack

CATALOG # VWMH-LD-R30-TL-CR2-SDDL-PC-DM-UNV
verify color prior to ordering

TYPE: WP
PROJECT: Creekside - Petaluma

ORDERING EXAMPLE: VWM H - L20/740 - T3 - DBL - SDDL - OPTIONS - DIM - UNV

ORDERING INFO

SERIES	TYPE ⁽¹⁾	LUMENS ⁽¹⁾	CR/CCT	DISTRIBUTION ⁽¹⁾
VWM	H Horizontal	70 CR	70 CR	TL Lambertian distribution ⁽¹⁾
	V Vertical	L20 1,700lm	L20 3000K	T3 Type III ⁽¹⁾
		L20 2,000lm	740 4500K	
		80 CR	750 5000K	
		L10 1,000lm	80CR	
		L17 1,700lm	830 3000K	
			840 4000K	

FINISH OPTIONS⁽¹⁾
BLK Black (RAL #9004)
DBZ Dark bronze
DBR Medium bronze
GRAY Standard gray
SLV Silver aluminum (RAL #9006)
WHT White (RAL #9003)

SHIELDING
SDDL Micro-prismatic tempered glass lens
CSL Clear tempered glass lens

OPTIONS
PC Button style photocell⁽¹⁾
SP10 10kV/10kV surge protection
TP Tamper-resistant Torx head screws⁽¹⁾

CONTROL
DMW Dimming driver (provided for 0-10V)
low voltage applications

VOLTAGE
120 120V
208 208V
277 277V
UNV 120-277V

ACCESSORIES
TPFX25 TOOL Tamper-resistant tool for Torx head screws.⁽¹⁾

NOTES
1 See page 3 for FIXTURE DETAILS.
2 Luminaire output based on 5000 CCT. Actual lumens may vary.
3 +/-5%, see page 2 for FUTURE PERFORMANCE DATA.
4 See page 4 for DISTRIBUTION DETAILS.
5 Available with 750 CR/CCT only.
6 L20 L17 only.
7 See page 3 for FINISH OPTIONS.

FACTORY-INSTALLED: 120V, 208V, or 277V only; must specify voltage. See page 3 for FIXTURE DETAILS. Left side when viewed from behind fixture.
8 Silver finish only. Safety screws providing added support to the lens are not tamper-resistant items in order to the future use of the luminaire. Requires a tamper-resistant tool, see Accessories.
9 Tamper-resistant tool must be ordered separately. Please specify quantity required per project.

H.E. Williams, Inc. • Carthage, Missouri • www.hew.com • 417-558-4065 • Designed and Manufactured in the USA
Information contained herein is subject to change without notice. REV:02/02/22-70489-LA

Wall Mount
Page 1 of 3

PRIVATE LIGHTING CONTRACTORS NOTES

- ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE STATE FIRE MARSHALL, FEDERAL AND ALL APPLICABLE CITY, COUNTY, STATE AND LOCAL UTILITY COMPANY REGULATIONS; N.E.C., AND THE LATEST APPROVED STANDARDS OF I.E.E.E., A.S.A. N.E.M.A., U.L. AND OSHA WHERE APPLICABLE. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE ABOVE. ALSO, ALL SECTIONS OF STATE OF CALIFORNIA PUC G.O. 95 SHALL APPLY.
- TWO OR MORE LIGHTS ON THE SAME CIRCUIT SHALL BE WIRED TO BALANCE THE LOAD. (SEE WIRING DIAGRAM)
- CONDUIT AND FITTINGS:** ALL CONDUIT AND FITTINGS SHALL BE U.L. APPROVED, UNLESS OTHERWISE NOTED OR REQUIRED. USE MINIMUM 1 1/2" FOR STREET LIGHTS, 3/4" FOR BOLLARD AND UPLIGHTS, SCHEDULE 40 P.V.C. CONDUIT AND FITTINGS BELOW GRADE. MINIMUM RADIUS BENDS SHALL BE 18". PROVIDE PULL WIRE IN ALL EMPTY CONDUITS.
- CONDUIT DEPTH:** 24" UNDER SIDEWALK; 24" UNDER PLANTER STRIP; 36" UNDER PAVEMENT.
- CABLE:** CABLE SHALL BE U.L. LISTED 600 VOLT A.W.G. NO. 8, 7-STRAND SOFT COPPER, TYPE THW OR THWN WITH MINIMUM OF 3/64" (46 MIL) POLYVINYL CHLORIDE INSULATION, UNLESS OTHERWISE NOTED. U.L. LISTED 600 VOLT, NO. 10 IN POLE MAY BE USED.
- SPULCE BOXES:** SPULCE BOXES SHALL BE NO. 3-1/2 STATE TYPE WITH LID AND BRASS HOLDDOWN BOLTS, UNLESS OTHERWISE NOTED. LIDS TO BE INSCRIBED "LIGHTING". SPULCE BOXES SHALL NOT BE MORE THAN 200 FEET APART ON LONG RUNS. (PER CALTRANS DETAIL ES-8A).
- FUSES:** EACH STREET LIGHT SHALL BE FUSED WITH WATERPROOF IN-LINE FUSE HOLDERS (BUSHMAN HEB SERIES) AT EACH ADJACENT SPULCE BOX WITH 5 AMP FUSE.
- SPULCING:** ALL SPULCES SHALL BE MADE IN LIGHT BOXES ONLY. SPULCES SHALL BE MADE WITH "C" SHAPED COMPRESSION CONNECTORS. ON SPULCES, WRAP WITH MOISTURE PROOF INSULATION A MINIMUM OF 1-1/2 TIMES THE THICKNESS OF REQUIRED WIRE INSULATION THICKNESS. SPULCES SHALL BE IN ACCORDANCE WITH CALTRANS STANDARD METHOD "B". (PER CALTRANS DETAIL ES-13A).
- CONTRACTOR TO INSTALL CIRCUIT GROUNDING AND GROUND WIRE IN CONDUIT PER N.E.C. STANDARDS AND LOCAL GOVERNING AGENCIES REQUIREMENTS.
- A LIST OF ALL MATERIALS & SUPPLIERS SHOULD BE PROVIDED TO AUTHORITY HAVING JURISDICTION FOR APPROVAL.
- GROUNDING AND BONDING SHALL PROPERLY INTERCONNECT ALL METAL PARTS OF THE SYSTEM.
- ALL CONNECTIONS SHALL BE SECURED WITH LOCK NUTS AND INSULATED BUSHINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE OPERATING SYSTEM.
- EACH STREET LIGHT SHALL BE CONTROLLED BY A PHOTO ELECTRIC CELL MOUNTED ON TOP OF EACH LUMINAIRE OR THE TOP OF EACH POLE DEPENDING UPON THE MANUFACTURER'S RECOMMENDATIONS OR CONTROLLED BY OTHER MEANS AS SHOWN ON THE DRAWINGS.
- FOUNDATION MOUNTED ELECTROLUERS SHALL BE PLUMBED BY ADJUSTING THE NUTS ON THE ANCHOR BOLTS BEFORE THE FOUNDATION CAP IS PLACED. SHIMS OR OTHER SIMILAR DEVICES FOR PLUMBING OR RAKING WILL NOT BE PERMITTED. AFTER PLUMBING THE STANDARD, ANCHOR BOLTS SHALL BE CUT OFF 1/4" ABOVE THE NUTS AND THE EXPOSED SURFACES SHALL BE REPAIRED AS INDICATED BY THE INSPECTING AGENCY.
- AS-BUILT DRAWINGS SHALL BE SUBMITTED TO THE STREET LIGHT ADMINISTRATION DEPT. OF THE COUNTY PRIOR TO ACCEPTANCE OF THE PRIVATE LIGHTING SYSTEM.

PRIVATE LIGHTING GENERAL NOTES

- ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE STATE FIRE MARSHALL, FEDERAL AND ALL APPLICABLE CITY, COUNTY, STATE AND LOCAL UTILITY COMPANY REGULATIONS; N.E.C., AND THE LATEST APPROVED STANDARDS OF I.E.E.E., A.S.A. N.E.M.A., U.L. AND OSHA WHERE APPLICABLE. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE ABOVE. ALSO, ALL SECTIONS OF STATE OF CALIFORNIA PUC G.O. 95 SHALL APPLY.
- MATERIALS FURNISHED UNDER THIS SECTION OF THESE SPECIFICATIONS FOR WHICH UL STANDARDS HAVE BEEN ESTABLISHED SHALL BE LISTED AND BEAR THE LABEL OF UNDERWRITER'S LABORATORIES, INC.
- WHERE REQUIREMENTS OF APPLICABLE CODES AND STANDARDS CONFLICT WITH THE DRAWINGS OR THESE SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT FIRST NOTIFYING & OBTAINING APPROVAL FROM CITY/COUNTY AGENCY & GIACALONE DESIGN SERVICES, INC.
- GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR ANY VARIANCE BETWEEN THESE PLANS AND THE ACTUAL FIELD CONDITIONS. CONTRACTOR SHOULD REVIEW PROJECT SITE PRIOR TO SUBMITTING ITS BID.
- ANY CHANGES OR MODIFICATIONS TO PROPOSED LIGHT LOCATIONS SHALL BE APPROVED, IN WRITING, BY THE CITY/COUNTY AGENCY PRIOR TO INSTALLATION.

FRONT VIEW RIGHT SIDE

BASE PLAN

NOTE: LOAD CURRENT FOR ALL BREAKER NOT TO EXCEED 80% OF BREAKER AMPERAGE

ENCLOSURE CONSTRUCTION NOTES

- EXTERIOR 12 GA. H.D. GALV. STEEL AND INTERIOR 14 GA. COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
- CONSTRUCTION WILL BE NEMA 3R, RAINIGHT.
- ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
- NUTS, BOLTS & SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
- NAMEPLATES WILL BE PROVIDED AS REQUIRED.
- CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
- A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
- ENCLOSURE WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA AND UL 508A STANDARDS.
- COLOR TO BE: *PLEASE SPECIFY COLOR*

SERVICE EQUIPMENT WIRING DIAGRAM

TECHNICAL CONTROLS INC. 26-100 ELECTRICAL SCHEMATICS

DATE: 11-22-13

REVISIONS

REV	DATE	BY	DESCRIPTION

TECHNICAL CONTROLS INC. 26-100 ELECTRICAL SCHEMATICS

DATE: 11-22-13

REVISIONS

REV	DATE	BY	DESCRIPTION

LIGHTING CONTROL METHOD

☐ PHOTOCELL IN EACH LIGHT FIXTURE

☒ METER PEDESTAL INTERNAL PHOTOCELL

☐ METER PEDESTAL TIME CLOCK

☐ BUILDING CONTROL PANEL

PUBLIC/PRIVATE LIGHTING: PRIVATE

PG&E RATE SCHEDULE: METERED

INSTALL IN JOINT TRENCH:

INSTALL IN SEPARATE TRENCH:

CITY PERMIT REQUIRED:

CAUTION:

CONTACT U.S.A. (811) (2) FULL WORKING DAYS PRIOR TO STARTING WORK IF EXISTING UTILITIES CONFLICT WITH POLE LOCATION, FIELD ADJUST TO CLEAR EXISTING UTILITIES A MINIMUM OF 3'-0".

LUMINAIRE SCHEDULE									
TYPE	LUMINAIRE	DIST.	MTG. HT.	ARM	POLE HT.	COLOR	MATERIAL	QUANTITY	
* POST TOP "BB"	20W, LED, 120V	TYPE 3	17'-11"	2'	14'-0"	GREY	ALUMINUM	8	
* POST TOP "CC"	20W, LED, 120V	TYPE 4	17'-11"	2'	14'-0"	GREY	ALUMINUM	3	
* WALL PACK	20W, LED, 120V	WP	-	-	-	-	ALUMINUM	12	

*NOTE: CONTRACTOR TO VERIFY ALL QUANTITIES AND SPECIFICATIONS PRIOR TO ORDERING.

PRELIMINARY PLANS
NOT FOR CONSTRUCTION

CALL BEFORE YOU DIG

TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
811

EXP. 9/30/23

STATE OF CALIFORNIA

REVISIONS

SYMBOL	DATE	DESCRIPTION

GIACALONE
DESIGN SERVICES, INC.
5820 STONERIDGE HILL RD., #345 | PLEASANTON, CA 94588
925.467.1740 | WWW.GIACALONEDSIGN.COM

PRIVATE STREET LIGHTING TITLE SHEET

DENOVA HOMES, INC.
CREEKWOOD
270 & 280 CASA GRANDE ROAD
PETALUMA
CALIFORNIA

PROJECT MANAGER:
SHAD JACOB

DRAWN BY:
AB

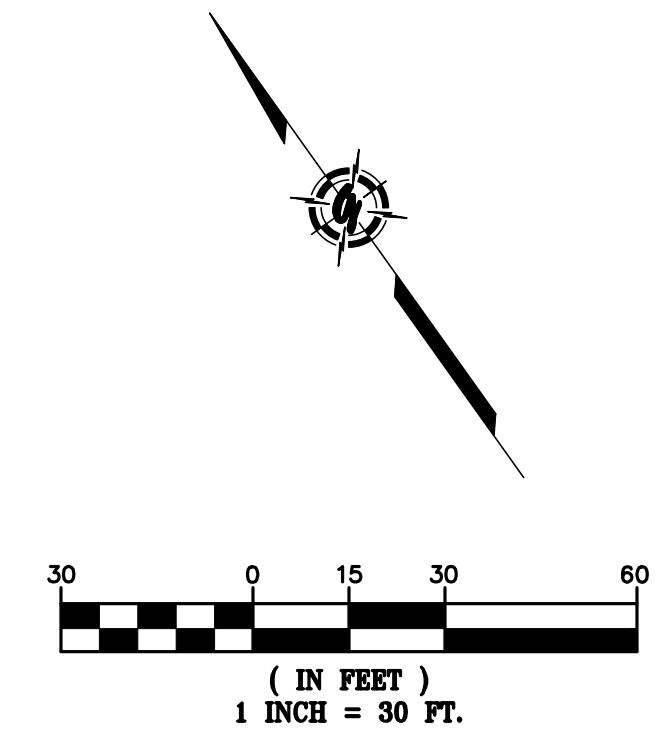
CHECKED BY:
LARRY CASKEY

SCALE:
NONE

JOB NUMBER:
22-032


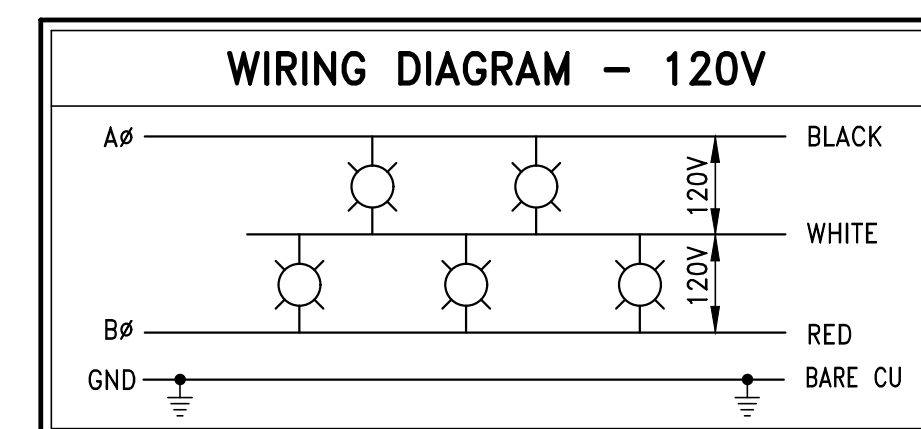
DATE LAST MODIFIED:
04-11-22

SHEET
PrSL1
OF 2 SHEETS



PROJECT MANAGER: SHAD JACOB
DRAWN BY: AB
CHECKED BY: LARRY CASKEY
SCALE: 1"=30'
JOB NUMBER: 22-032
DATE LAST MODIFIED: 04-11-22
SHEET
PrSL2
OF 2 SHEETS

CAUTION:
CONTACT U.S.A. (811) (2) FULL WORKING DAYS PRIOR
TO STARTING WORK IF EXISTING UTILITIES CONFLICT WITH
POLE LOCATION, FIELD ADJUST TO CLEAR EXISTING
UTILITIES A MINIMUM OF 3'-0".



TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
811
CALL BEFORE YOU DIG

