



LUMINAIRE SCHEDULE							
Symbol	Qty	Label	Arrangement	Description	Lum. Lumens	WATT	MOUNTING HEIGHT
	12	S1	SINGLE	SIGNIFY GARDCO ECF-S-48L-900-NW-G2-AR-3-VOLT-XX-(SINGLE)	16053	135	20'
	1	S2	BACK-BACK	SIGNIFY GARDCO ECF-S-48L-900-NW-G2-AR-5-VOLT-XX-(TWIN)	17723	270	20'
	1	S3	SINGLE	SIGNIFY GARDCO ECF-S-48L-900-NW-G2-AR-4-VOLT-XX-(SINGLE)	16795	135	20'
	7	S4	SINGLE	SIGNIFY GARDCO ECF-S-32L-1.2A-NW-G2-AR-3-VOLT-XX-(SINGLE)	13526	122	20'
	7	S5	BACK-BACK	SIGNIFY GARDCO ECF-S-32L-1.2A-NW-G2-AR-5-VOLT-XX-(TWIN)	14933	244	20'
	1	S6	2 @ 90 DEGREES	SIGNIFY GARDCO ECF-S-32L-1.2A-NW-G2-AR-3-VOLT-XX-(TWIN@90°)	13526	244	20'
	13	S7	SINGLE	SIGNIFY GARDCO ECF-S-32L-1.2A-NW-G2-AR-3-VOLT-XX-(SINGLE)	10773	122	20'
	69	W1	SINGLE	ELITE OWP-FC-311-LD-10000-DIM10-MVOLT-40K-BZ	10791	90	REFER TO PLANS
CALCULATION SUMMARY							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING	Illuminance	Fc	2.03	14.2	0.0	N.A.	N.A.
WALKWAY	Illuminance	Fc	1.61	32.3	0.0	N.A.	N.A.
TITLE 24 REQUIREMENTS (2019 EDITION)							
THE SITE IS LOCATED IN LIGHTING ZONE 2. LIGHTING POWER ALLOWANCES FOR L22 IS 0.023W PER SQ. FT. OF PAVED AREA. TOTAL PAVED AREA AT THIS SITE IS 567970 SQ. FT. MAXIMUM ALLOWED EXTERIOR LIGHTING WATTAGE IS 13063.3WATT. LIGHTING SHOWN ON THESE PLANS TOTAL 12635WATT. 12635WATT < 13063.3WATT, THEREFORE INSTALLED LIGHTING WATTAGE IS WITHIN TITLE 24 REQUIREMENTS							
LOCAL AUTHORITIES HAVING JURISDICTION REQUIREMENTS							
1. LIGHTS SPECIFIED ON THIS PLANS ARE FULLY SHIELDED, AND LIGHT SOURCE IN THIS FIXTURES WILL NOT BE VISIBLE FROM ADJACENT PROPERTIES AND ROADWAYS. 2. SPECIFIED LIGHT POLES ARE 20' HIGH.							

OWP-FC-311-LED

LED Large Full Cut-Off Wall Pack Series

up to 135 Wattage / up to 14500 Lumens

DIMENSION:

PHOTOMETRICS:

Ordering Guide > Example: OWP-FC-311-LED-14500L-DIM10-MVOLT-40K-BZ

OWP-FC-311-LED							
SERIES	PERFORMANCE	DIMMING	VOLTAGE	CCT	FINISH	EMERGENCY	ACCESSORIES
OWP-FC-311-LED	14500 Lumens 14500LM	DIM10 0-100 DIMMING	MVOLT 120/277V	40K 4000K 5000K	BZ BRONZE	0-ESG LED	

* For more options,
please contact Oracle

Catalog Number:	
Project Name:	
Note:	Type:

APPLICATIONS:

This rugged large size full cut off LED wall pack provides long lasting, energy efficient lighting with a variety of options to customize fixture performance to the required task. Easily mounts to building and is ideal for industrial, educational, multi-family, institutional, and government applications.

FEATURES:

- Full cut off and compliance to Dark Sky requirement
- Lumen output from 10000 - 14500lm with efficacy up to 110lm/W
- 90W-135W power consumption, to replace 250W MH and 400W MH
- Motion sensor and Photocell
- Optional battery back-up option for emergency egress lighting
- Type III polycarbonate optical lens with integrated lens
- Operating temperature is 40°C to 50°C (40°F to 122°F)
- Dimmable
- UL/CUL wet location

SPECIFICATIONS:

LUMENS	10000 / 14500 lumens
WATTAGE	90W / 135W
CCT	40K/50K
CRI	80
LIGHT EFFICIENCY	110 lumens/watt
VOLTAGE	120-277 VAC
POWER FREQUENCY	50/60 Hz
FINISH	Bronze
APPLICABLE ENVIRONMENT	Dry/Damp/Wet location
WORKING TEMPERATURE	40°C to 50°C

Submittal form is available @ www.oraclelighting.com
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions
subject to change without notice

Issued 01/19 Rev. 1

No.	REVISIONS	DATE	BY
-	-	X/X/XX	-



M. NEILS
ENGINEERING, INC.

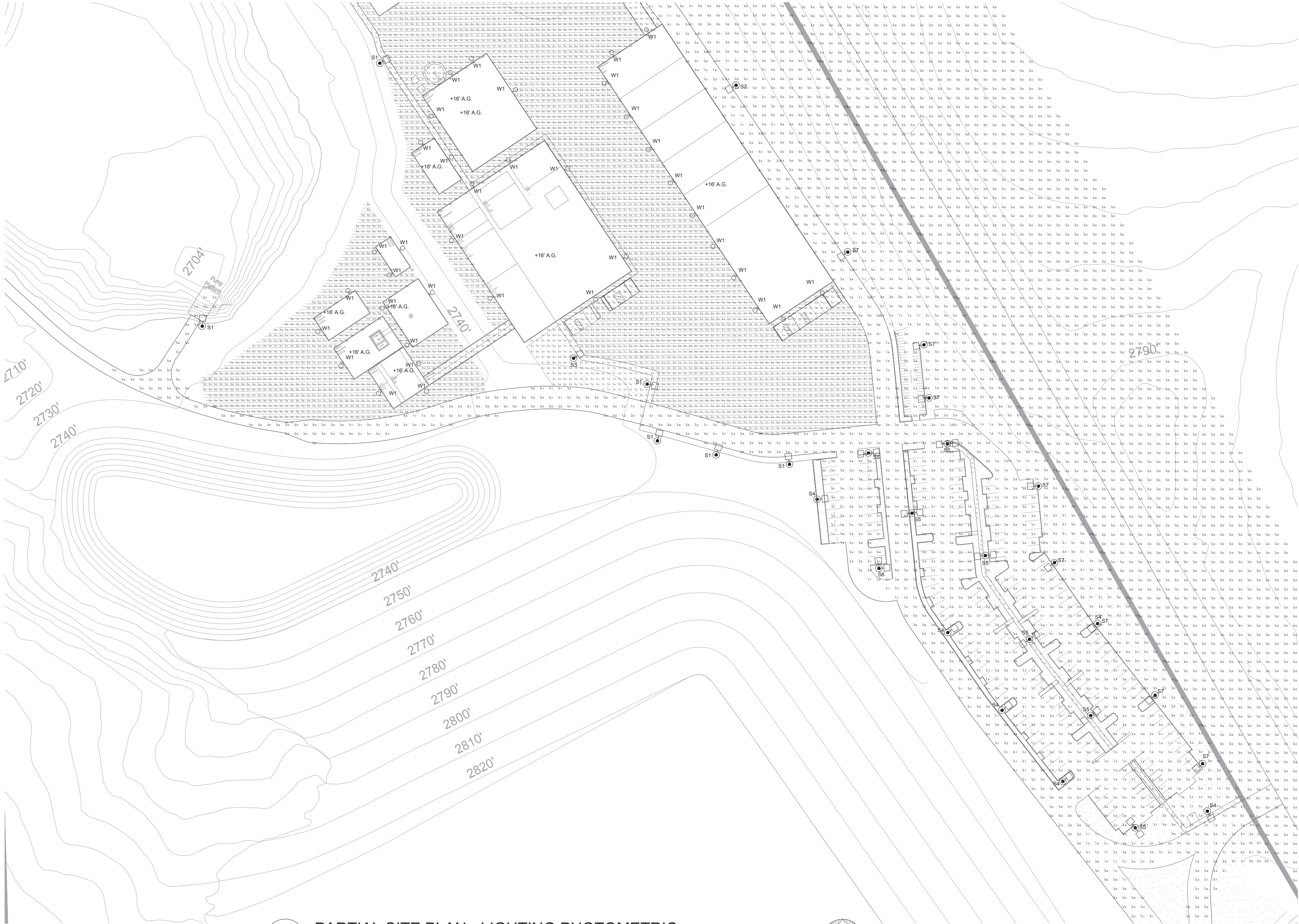
Electrical Engineers | Lighting Designers

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Sacramento, CA 95825-8217
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Tel: (916) 932-4400 Fax: (916) 932-4410

PROJECT #: 19301.21

PROJECT:	Idaho-Maryland Gold Project Rise Grass Valley Inc. PO Box 271 Grass Valley, California, USA 95945
SHEET TITLE:	SITE PLAN - LIGHTING

Date:	11-11-19
Checked:	JUB
Drawn:	SG
Scale:	AS NOTED
Sheet	
E001	
Of	* Sheets



1
E100

PARTIAL SITE PLAN - LIGHTING PHOTOMETRIC

SCALE: 1" = 50'-0"

No.	REVISIONS	DATE	BY
1	-	X/XX/XX	-

M. NEILS ENGINEERING, INC.
Electrical Engineers | Lighting Designers
100 Howe Ave., Suite 250N
Sacramento, CA 95825-8217
Tel: (916) 923-4400 Fax: (916) 923-4410
PROJECT #: 19301.21

REGISTERED PROFESSIONAL ENGINEER
JESSE U. BASTIN
No. E20279
Exp. 05-31-21
ELECTRICAL
STATE OF CALIFORNIA
01-17-20

SHEET TITLE:
**PARTIAL SITE PLAN -
LIGHTING
PHOTOMETRIC**

PROJECT:
**Idaho-Maryland Gold Project
Rise Grass Valley Inc.
PO Box 271
Grass Valley, California, USA 95945**

Date: 11-11-19
Checked: JUB
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Scale: AS NOTED
Sheet
E100
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January 17, 2020

UNAUTHORIZED CHANGES & USES: M. Neils Engineering, Inc. preparing these plans will not be responsible for, or liable for unauthorized changes to or uses to these plans. All changes to these plans must be in writing and must be approved by M. Neils Engineering, Inc.



1
E110

PARTIAL SITE PLAN - LIGHTING PHOTOMETRIC

SCALE: 1" = 50'-0"



No.	REVISIONS	DATE	BY
1	-	X/XX/XX	-

M. NEILS
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Tel: (916) 923-4400 Fax: (916) 923-4410
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