

GENERAL NOTES

- IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO PROVIDE A LIGHTING SYSTEM WHICH IS COMPLETE AND OPERATIONAL. ALL MATERIALS AND EQUIPMENT NECESSARY TO ACCOMPLISH THIS INTENT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SUBSTITUTIONS TO SPECIFIED LIGHTING AND CONTROL EQUIPMENT SHALL NOT BE PERMITTED WITHOUT PRIOR REVIEW AND WRITTEN APPROVAL OF CREATIVE DESIGNS IN LIGHTING.
- APPLICABLE REQUIREMENTS OF THE CURRENT NATIONAL ELECTRICAL CODE (NEC) AND STATE AND LOCAL CODES SHALL GOVERN AND DETERMINE THE MINIMUM STANDARD OF WORK. IN THE EVENT OF CONFLICT BETWEEN THIS DRAWING AND THE APPLICABLE CODE, THE CODE SHALL PREVAIL AND THE INSTALLATION SHALL BE MADE IN CONFORMANCE WITH THE CODE.
- EXCEPT WHERE SPECIFICALLY NOTED, CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL WIRE SHALL BE COPPER.
- ELECTRICAL CONTRACTOR SHALL PROVIDE PRIMARY AND SECONDARY OVERCURRENT PROTECTION FOR ALL 12-VOLT AND 24-VOLT REMOTE TRANSFORMERS AND LED DRIVERS. ELECTRICAL CONTRACTOR TO SIZE ALL SECONDARY WIRING FOR REMOTE TRANSFORMERS / DRIVERS TO PREVENT A VOLTAGE DROP OF MORE THAN 1 VOLT. FINAL LOCATION OF ALL REMOTE TRANSFORMERS / DRIVERS TO BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR AND OWNER'S REPRESENTATIVE.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL LIGHTING EQUIPMENT WITH THE GENERAL CONTRACTOR AND ANY APPLICABLE SUB-CONTRACTOR (I.E. FRAMING, MECHANICAL, CABINETRY, ETC.) PRIOR TO ROUGH-IN.
- ALL FIXTURE LOCATIONS TO BE VERIFIED AFTER ROUGH-IN INSTALLATION, **PRIOR TO DRYWALL**, BY LIGHTING DESIGNER. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO COORDINATE THIS EFFORT. THE ELECTRICAL CONTRACTOR MAY BE HELD RESPONSIBLE FOR MOVING FIXTURES DURING FINAL LIGHTING INSPECTIONS IF THIS PROCESS DOES NOT TAKE PLACE.
- ALL TYPE 'Z' DECORATIVE FIXTURES TO BE SUPPLIED BY OWNER, ASSEMBLED AND INSTALLED BY ELECTRICAL CONTRACTOR. VERIFY FINAL LOCATIONS AND MOUNTING HEIGHTS WITH OWNER AND/OR INTERIOR DESIGNER.
- ALL RECESSED TRIMS AND/OR TRIM RINGS SHALL BE PAINTED TO MATCH COLOR OF CEILING (INTERIOR AND EXTERIOR).**
- ALL LAMPS SHALL BE **GENERAL ELECTRIC**, UNLESS OTHERWISE SPECIFIED. ALL LED MR16 LAMPS SHALL BE **SORAA VIVID 3 2700K SERIES** OR **BRILLIANCE LED** IN SEALED OUTDOOR RATED FIXTURES, UNLESS OTHERWISE SPECIFIED. IMPROPER LAMPS SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.
- ALL FLUORESCENT FIXTURES SHALL BE EQUIPPED WITH 100 PERCENT SOLID STATE ELECTRONIC BALLASTS, UNLESS OTHERWISE SPECIFIED. FIXTURES WITH MAGNETIC OR HYBRID ELECTRONIC BALLASTS WILL BE REJECTED AND REPLACED AT CONTRACTOR'S EXPENSE.
- ELECTRICAL CONTRACTOR SHALL ALLOW TWO (2) EVENINGS (4 HOUR MINIMUM EACH) AND PROVIDE ALL NECESSARY LADDERS TO ASSIST LIGHTING DESIGNER DURING FINAL AIM AND FOCUS OF ALL ADJUSTABLE LIGHTING FIXTURES.
- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL COLORED LENSES AND ACCESSORIES DURING LAMP INSTALLATION. MR16 LAMP DESIGN GUIDE TO BE ISSUED TO FIELD BY LIGHTING DESIGNER AFTER ELECTRICAL ROUGH-IN AND PRIOR TO ELECTRICAL TRIM. VERIFY LENS COLOR OR ACCESSORY WITH LIGHTING **PLAN AND/OR LIGHTING FIXTURE SCHEDULE**.
- FOR SPECIFIC WIRING INFORMATION AND CIRCUITING REFER TO THE ELECTRICAL PLANS.
- THE GENERAL CONTRACTOR AND THE ELECTRICAL CONTRACTOR ARE RESPONSIBLE FOR REVIEWING THE INFORMATION ON ALL OF THESE PLANS. IF THERE ARE ERRORS OR OMISSIONS OR QUESTIONS CONCERNING THESE PLANS PLEASE CALL CREATIVE DESIGNS IN LIGHTING FOR CLARIFICATION.
- ALL SUBMERSIBLE LIGHTING FIXTURES FOR POOLS, SPAS, AND FOUNTAINS SHALL BE AS SPECIFIED BY THE POOL CONSULTANT. THESE FIXTURES ARE TO BE PROVIDED BY THE POOL CONTRACTOR AND INSTALLED BY THE ELECTRICAL CONTRACTOR PER NEC REQUIREMENTS. THE SCOPE FOR EACH TRADE SHALL BE COORDINATED BY THE GENERAL CONTRACTOR FOR A COMPLETE AND OPERATIONAL SYSTEM.

LIGHTING PLAN SYMBOL LEGEND

- ⊞ SINGLE POLE SWITCH
 - ⊞ 3-WAY SWITCH/SMART SWITCH
 - ⊞ 4-WAY SWITCH
 - ⊞ SINGLE POLE JAMB SWITCH
 - ⊞ SINGLE POLE MOTION SWITCH
 - ⊞ SINGLE POLE SWITCH WITH WATERPROOF COVER
 - ⊞ SINGLE POLE FAN SWITCH
 - ⊞ SINGLE POLE TIMER SWITCH
 - ⊞ SINGLE POLE DIMMER
 - ⊞ 3-WAY DIMMER
 - ⊞ KEYNOTE BUBBLE
 - ⊞ CEILING MOUNTED JUNCTION BOX
 - ⊞ WALL MOUNTED JUNCTION BOX
 - ⊞ REMOTE LOW VOLTAGE TRANSFORMER - SEE FIXTURE SCHEDULE
 - ⊞ CEILING MOUNTED EXHAUST FAN
 - ⊞ WALL MOUNTED EXHAUST FAN
 - ⊞ ELECTRIC FIREPLACE IGNITOR
 - ⊞ REMOTE LED DRIVER - SEE FIXTURE SCHEDULE
 - ⊞ SHADE AND DRAPE MOTOR (BY SHADE CONTRACTOR)
 - ▽ LIGHTING CONTROL SYSTEM CONTROL STATION
 - ▽ LIGHTING CONTROL SYSTEM HUMID LOCATION STATION
 - ▽ LIGHTING CONTROL SYSTEM STATION WITH WATERPROOF COVER BY OTHERS
 - LIGHTING CONTROL SYSTEM SWITCH LEG NUMBER
 - ⊞ DUPLEX RECEPTACLE
 - ⊞ 1/2 HOT DUPLEX RECEPTACLE
 - ⊞ WEATHER PROOF GFCI DUPLEX RECEPTACLE
 - ⊞ SWITCHED W.P. GFCI DUPLEX RECEPTACLE
 - ⊞ 1/2 HOT FLOOR PLUG RECEPTACLE
 - ⊞ MOTION DETECTOR
 - ⊞ CEILING MOUNTED DECORATIVE LUMINAIRE
 - ⊞ WALL MOUNTED DECORATIVE LUMINAIRE
- NOTE: SOME SYMBOLS ON THIS LEGEND MAY NOT BE USED ON THIS PROJECT.



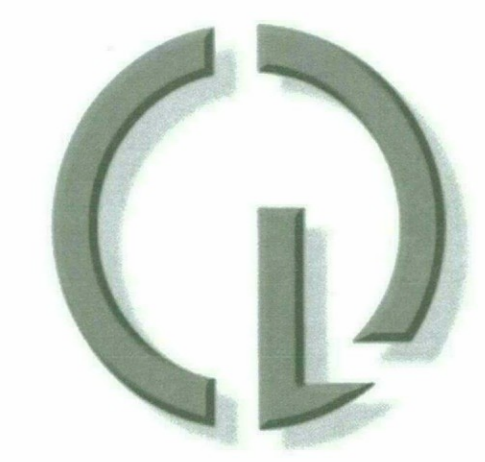
STERLING AT SILVERLEAF LIGHTING FIXTURE SCHEDULE

Type	Manufacturer	Description	Finish	Dimming	Watts	Volts	Lamp
BL	ZANEEN	L9B02706-SP Bollard 30" 30" tall x 6" round bollard	Gray	NON-DIM	17 w	120 v	LED: 3000K INTEGRAL TO FIXTURE
BQ	FOCUS LIGHTTECH	BQ-08-FD-SS / LET-75 surface mounted adjustable bbq light with miniature transformer <contractor to locate transformer in weatherproof junction box>	Stainless Steel	ELV	7 w	120 v	Brilliance LED# MR16-7W-3000-60 (flood)
LA	KICHLER	16004BBR30 stake mounted low volt led landscape accent fixture <for landscape lighting only - locations T.B.D. in field by lighting designer>	Bronze	MLV	4.0 w	12vAC	LED: 3000K 80+CRI INTEGRAL TO FIXTURE
LU	HEVI LITE	HL-822-AA-12 / LA-1 / LA-820 / HL-20PH flush to grade 4" round adjustable uplight with led lamp	Anodized Aluminum	MLV	4.0 w	12vAC	Brilliance LED# MR16-4W-3000-60 (flood)
P	NERI / AMERON	DC ranch standard pedestrian pole to match existing; refer to cutsheet for complete specification. Neri 800-PMMA-GHIT-42WPLT (luminaire) with 4215-100MOD (hanging bracket), and SEQ-4 (tapered direct burial square Ameron pole in natural grey). Center of lens at 10'2" above grade. 13' pedestrian pole with cast aluminum lantern with custom honey swirl translucent glass lenses	Grey Luminaire Grey Pole	Fluorescent	42 w	120-277 v	F42TBX/830/A/ECCO GE # 97634
SL	LUCIFER	ISL2-2-BK-80L-04B-2 / UBB-SL2-24V-60-1-AT2-BKT wet location recessed led steplight fixture with full cutoff optics <mount per height shown on plan>	Black	NON-DIM	6.5 w	120 v	LED: 3000K 80+CRI INTEGRAL TO FIXTURE
SG	LUMINEERING INDUSTRIES	MWL-8-120V-3K 8" x 4" rectangular wet location led fixture	White	NON-DIM	16.0 w	120 v	LED: 3000K 80+CRI INTEGRAL TO FIXTURE
TD	FX LUMINAIRE	VL-20-BZ / LVR suspended downlight with mounting ring, glare louver, and led flood lamp	Bronze	MLV	4 w	12vAC	Brilliance LED# MR16-4W-3000-60 (flood)
T#	SEBCO	1024-12 - 250 W REMOTE LOW-VOLT TRANSFORMER <home-run lengths not to exceed 150 feet> <maximum 80 w per home run>	---	MLV	250 w	120 v	---
ZW	---	DECORATIVE WALL LIGHT FIXTURES AND LAMPS TO BE FURNISHED BY OWNER (refer to plans for locations) fixtures to be assembled and installed by electrical contractor	---	---	---	---	---

NOTES:
 -Electrical Contractor to determine fixture housing rating (IC, Non-IC, Remodel or Shallow) unless otherwise noted.
 -LED specifications provided for bidding purposes only. Electrical Contractor shall contact Creative Designs in Lighting for updated LED specifications prior to order.
 -No substitutions permitted without prior approval from Creative Designs in Lighting.

APPROVED
 FINAL PLANS PLANNING
 9-29-17
 APPROVED BY

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STERLING AT SILVERLEAF
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REVISIONS	DATE	DESCRIPTION

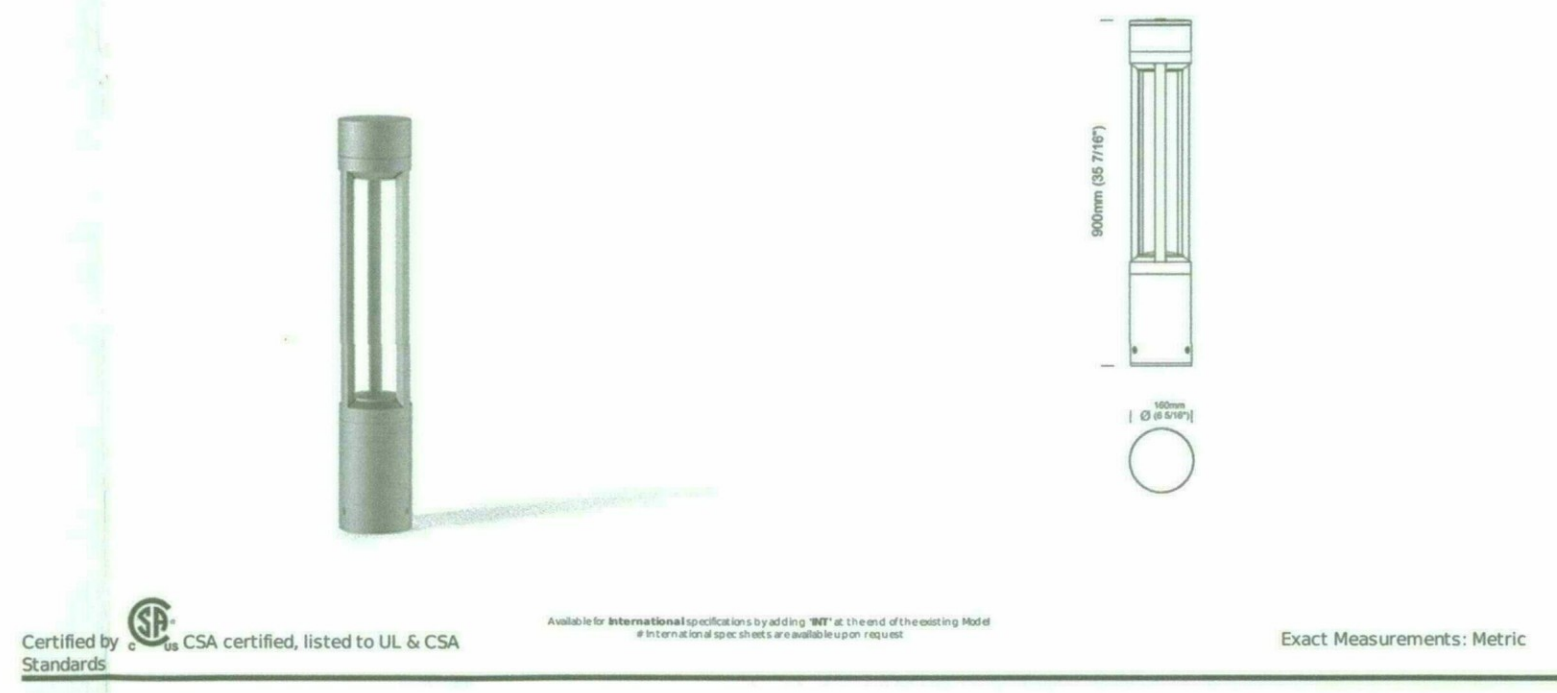
DATE: 03.15.17
 SCALE: NTS
 PROJECT NUMBER: 103990-13
 DRAWN BY: AG
 CHECKED BY: WS
 SHEET NAME:

LIGHTING NOTES AND SCHEDULES

SHEET NUMBER
ALO.0

ZANEEN Tris 900 Model No. L9B02706

Date: _____ Project: _____
 Fixture Type: BL Specifier/Rep: _____
 L9B02706



Exact Measurements: Metric

Model: L9B02706
 Installation: Outdoor post
 Light Color: Warm White
 Color Temperature: 3000K
 Nominal Lumen: 2400lm
 Delivered Lumen: 1660lm
 CRI: >80
 Fixture Finish: Gray
 Material: Extruded aluminum alloy
 Diffuser: Clear glass
 Diffuser Material: 4mm flat tempered glass
 Optic: 120°
 Lamp Type: LED
 Total Wattage: 17W
 Lamp Voltage: 120V 50/60Hz
 IP Rating: IP66
 Finish Process: Protection by means of indite, epoxy powder base coating and polyester painting
 Diameter: 160 mm / 6 5/16"
 Height: 900 mm / 35 7/16"
 Breaking Strength: IK 10
 Screws: A4 stainless steel
 Power Supply: Electronic - contact us for details

Additional details: Body made of extruded aluminum alloy, corrosion resistant. Die-cast painted aluminum head and base - corrosion resistant. Protection by means of indite, epoxy powder base coating and polyester painting. All stainless steel screws. 4mm flat tempered glass. For max 4x16 sq mm cable. Completely hidden ground fixing plate. Product available in other colors upon request, see color chart.

12V LED 4W 35 Deg Flood 30K BBR
 16004BBR30 (Bronzed Brass)



Dimensions

Height: 3.75"
 Length: 3.00"
 Width: 2.00"

Project Name: _____
 Location: _____
 Type: LA
 City: 16004BBR30
 Comments: _____

Ordering Information
 Product ID: 16004BBR30
 Finish: Bronzed Brass
 Available Finishes: AZT, AZT, BBR, BBR, BKT, BKT, WHT, WHT

Dimensions
 Weight: 0.55 LBS

Photometrics
 Kelvin Temperature: 3000K
 Color Rendering Index: 80

Specifications
 Material: Aluminum
 Glass Description: 35 Beam Spread Optic

Electrical
 Voltage: 12VAC/VDC
 Operating Voltage Range: 9-15 VAC/VDC

Qualifications
 Safety Rated: Wet
 Expected Life Span: 40000 Hours
 Warranty: www.kichler.com/warranty

Primary Lamping
 Light Source: LED
 Lamp Included: Integrated
 Number of Lights/LEDs: 1
 Max or Nominal Watt: 4W

KEYED NOTES TYPE: P DC RANCH STANDARD TO MATCH EXISTING

- 1 Tapered, square, reinforced concrete pole with natural gray concrete, sandblasted mold finish and concrete sealer, 3" at top, 5-1/8" at bottom. Pole weight is approximately 400 lbs. As manufactured by AMERON, # SEG-4.
- 2 Arm mounted luminaire with four (4) Honeywell glass lens, gray finish and 42 watt, 4-pin, triple flux compact fluorescent lamp - GENERAL ELECTRIC #F42TX/S/30/A/4P/EOL GE#36315 lamp, NERI Series 800-PMMA GHIT with Honeywell incandescent lens, solid top, #0002 internal reflector, 120 volt. Provide luminaire with custom arm Ner# 4215-100MOD and top mounting as indicated. Paint arm to match luminaire.
- 3 Finished grade.
- 4 2 5/8" x 5" aperture 24" below grade one on each side at pole.
- 5 5/8" x 8" long ground rod. Run #8 bare copper conductor to luminaire assembly.
- 6 Attach ground wire to ground rod with brass mechanical clamp per Article 250-115 of N.E.C.
- 7 Provide 3/4" flexible ENT from junction box to base of handle.
- 8 Provide ground mounted concrete junction box with engraved concrete "ELECTRICAL" label. Size as indicated on Lighting Plans. All conductor splices and taps in this box shall be made with UL listed waterproof connections. Install box on the side opposite the luminaire.
- 9 Install handhole on the side opposite the luminaire.
- 10 Provide recessed duplex outlet with weatherproof cover painted to match luminaire.
- 11 After plumbing pole, backfill hole with a dry mix of 50% sand/gravel and 50% cement to within 4" of top of drilled hole. Fill remaining 4" with water and backfill with adjacent soil after water has been absorbed.

APPROVED BY: _____ DATE: _____

PEDESTRIAN POLE LIGHTING TYPE "P2" DETAIL NO. E-201

FOCUS INDUSTRIES BARBECUE LIGHTS BQ-08 SERIES TYPE BQ

DESCRIPTION: Compact recessed in grade fixture with adjustable light source. Suitable for wet/damp location installations.

MATERIAL: Standard overall material is 6061 aluminum. HL-822 - Machined Aluminum

FINISH: A4 - Anodized Aluminum AP - Powder Coat Aluminum BP - Powder Coat Black BZ - Powder Coat Bronze WT - Powder Coat White

HALOGEN LAMP OPTION: Lamp Type - 12V halogen MR16 lamp, bi-pin GX5.3 base, 20W max, not included (standard).

LED OPTIONS: Integral high output LED, warm white (3000K CCT) standard, others available. SL-LED - 3W LED BLEED - 8W LED

Options: SP - Spot, 12° NF - Narrow Flood, 24° FL - Flood, 36°

VOLTAGE: 12, 12 VAC output transformer required, not included.

MOUNTING: Suitable for installation into concrete, masonry, or any non-combustible material.

OPTIONS: Lens/Power/Color Filters LA-1 - Hazeless Louver (Black) LA-2 - Prismatic lens LA-3 - Linear spread lens LA-4 - Soft focus lens (diffused) LA-5 - Floodlight lens LA-6 - Blue lens

CHOP: LA-420 - Lens and lower holder PL-20PH - Aluminum Side Mount accessories for more information.

SAMPLE ORDER SPECIFICATION: HL-822-AA-12-LA-1-LA-820

RATING: Wet/damp location.

IP54 CE ENEC

ORDERING INFORMATION

CATALOG NO.	DESCRIPTION	LAMP	SHIP WEIGHT
BQ-08-FC-BLT	Cast Aluminum BBQ Light, Flex Clamp with 24" Flex Arm	20w MR16 FL8AB	4.0 lbs.
BQ-08-FC-SS	316 Stainless Steel BBQ Light, Flex Clamp with 24" Flex Arm	20w MR16 FL8AB	4.0 lbs.
BQ-08-FC36-BLT	Cast Aluminum BBQ Light, Flex Clamp with 36" Flex Arm	20w MR16 FL8AB	5.0 lbs.
BQ-08-FC36-SS	316 Stainless Steel BBQ Light, Flex Clamp with 36" Flex Arm	20w MR16 FL8AB	5.0 lbs.
BQ-08-FD-BLT	Cast Aluminum BBQ Light, Flex Deck with 24" Flex Arm	20w MR16 FL8AB	4.0 lbs.
BQ-08-FD-SS	316 Stainless Steel BBQ Light, Flex Deck with 24" Flex Arm	20w MR16 FL8AB	4.0 lbs.
BQ-08-FD36-BLT	Cast Aluminum BBQ Light, Flex Deck with 36" Flex Arm	20w MR16 FL8AB	5.0 lbs.
BQ-08-FD36-SS	316 Stainless Steel BBQ Light, Flex Deck with 36" Flex Arm	20w MR16 FL8AB	5.0 lbs.
BQ-08-FC-MR16120V-BLT	Cast Aluminum BBQ Light, Flex Clamp with 24" Flex Arm	35w MR16 30°	4.0 lbs.
BQ-08-FC-MR16120V-SS	316 Stainless Steel BBQ Light, Flex Clamp with 24" Flex Arm	35w MR16 30°	4.0 lbs.
BQ-08-FC-MR16120V36-BLT	Cast Aluminum BBQ Light, Flex Clamp with 36" Flex Arm	35w MR16 30°	5.0 lbs.
BQ-08-FC-MR16120V36-SS	316 Stainless Steel BBQ Light, Flex Clamp with 36" Flex Arm	35w MR16 30°	5.0 lbs.
BQ-08-FD-MR16120V-BLT	Cast Aluminum BBQ Light, Flex Deck with 24" Flex Arm	35w MR16 30°	4.0 lbs.
BQ-08-FD-MR16120V-SS	316 Stainless Steel BBQ Light, Flex Deck with 24" Flex Arm	35w MR16 30°	4.0 lbs.
BQ-08-FD36-MR16120V-BLT	Cast Aluminum BBQ Light, Flex Deck with 36" Flex Arm	35w MR16 30°	5.0 lbs.
BQ-08-FD36-MR16120V-SS	316 Stainless Steel BBQ Light, Flex Deck with 36" Flex Arm	35w MR16 30°	5.0 lbs.

FOCUS INDUSTRIES INC. 12301 COMMERCE DRIVE (949) 448-1100 FAX (949) 448-1100

HEVI LITE, INC. 8714 Varlet Ave. Chatsworth, CA 91311 Tel: (818) 341-8091 - Fax: (818) 998-1988 Web Site: http://www.hevilite.com

CATALOG NUMBER HL-822

DOUBLE IMPACT ISL2-LED TYPE: SL ISL2-2-BK-80L-04B-2 / UBB-SL2-24V-60-1-AT-2

RECESSED LED LUMINAIRE PATH & STEPLIGHT

In-wall 4.5-watt DC LED path or step light. Extra-wide low-glare aperture projects light 4" at 4' width delivering minimum 1 fc up to 20 fc. Perfect for illuminating broader pathways with fewer fixtures. Durable precision milled 316 stainless steel or brass casting, 80-CRI, delivering 150 lumens. Available in 2700K, 3000K, 3500K and 4000K color temperatures. Dry / Damp and Wet location.

PERFORMANCE

LED Technology	LUMINAIRE PERFORMANCE		
	LED Lumens	Power Consumption	Lumens per Watt
ISL-2B	150	4.5	33

ORDERING INFORMATION - FIXTURE

DOUBLE IMPACT STEPLIGHT

WET OR DRY / DAMP LOCATION

DRY / DAMP LOCATION ONLY

MOUNTING OPTIONS FOR REMOTE POWER SUPPLY - SELECT ONLY ONE (SEE PAGE 3 FOR MOUNTING PROVISION DETAILS)

WET OR DRY / DAMP LOCATION

DRY / DAMP LOCATION ONLY

DATE 03.15.17
 SCALE NTS
 PROJECT NUMBER 103990-13
 DRAWN BY AGW
 CHECKED BY WS
 SHEET NAME LIGHTING SPEC SHEETS
 SHEET NUMBER AL0.1

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APPROVED FINAL PLANS PLANNING 9-29-17 DATE KN APPROVED BY

product specifications

TYPE: SQ
MWL-8-120V-3K

LED MEGA Wash

LED mega wash lights: MWL-4 | MWL-8 | MWL-8-H (housing)

Available as 9-15V AC/DC or 120V AC models

MWL-4 # RV | 10VA | 922+ lm
MWL-8 # 16W | 20VA | 1,844+ lm
MWL-8-H # 20W | 10VA | 922+ lm
MWL-8-H # 16W | 20VA | 1,844+ lm

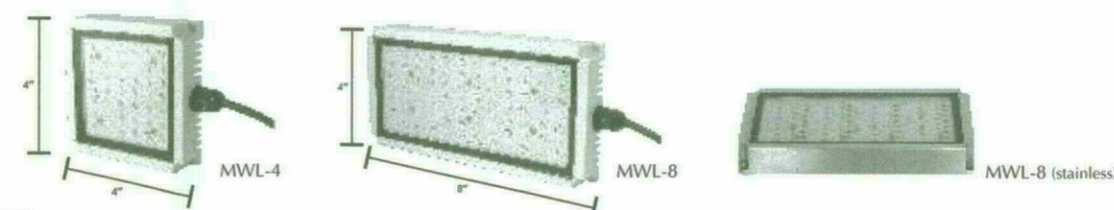
Viewing angle # 130°
All models dimmable (not all 12V transformers will allow dimming)

Kelvin: 2700K [standard] | 3000K | 4000K | 6000K, Red, Blue, Green, Amber, or RGB* LED
Suitable for damp or dry location (not submersible) | Waterproof Class Rating: IP65 (stainless steel rating: IP69)
Suitable for indoor and outdoor use

Innovative LED Life Span: lumen maintenance is not less than 70% after 40K hours (frosted lens option available)
Durable, finned aluminum housing provides integrated heat sink for excellent thermal management
Mounting ears and grooves allow for easy positioning & installation
Standard powder coated finishes: (E) espresso | (W) white | (SV) silver | (S) sand
Standard natural finishes: (CS) stainless steel | (custom colors available)

Pivoting housing with 1/2" NPSM thread available
Warranty: 5-year limited manufacturer warranty

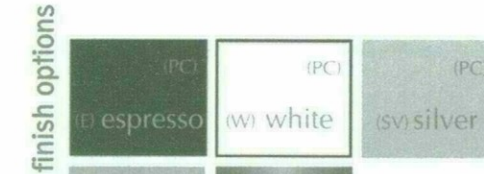
quick specs



part numbers table with columns for model and options like (K), (R), (S), (CS).

Kelvin Option: add KELVIN indicator to PRODUCT NUMBER (e.g. 4-12V-0K for 4000K)
Color Option: add COLOR indicator to PRODUCT NUMBER (e.g. 4-12V-E for espresso)

Frosted Option: add FROSTED indicator to PRODUCT NUMBER (e.g. 4-12V-F for frosted lens)



(all items meet UL-8750 specifications)
*RGB requires separate controller

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FXLuminaire

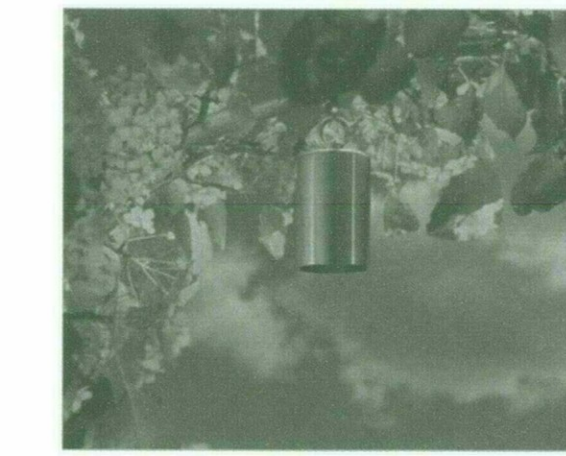
TD
VL-20-BZ / LVR

Incandescent Down Lights

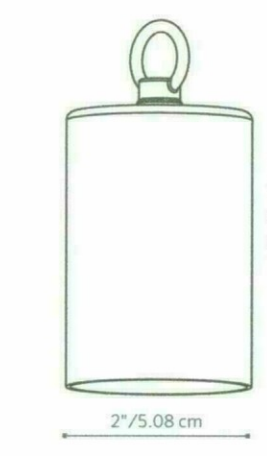


When a moonlighting effect is desired, specify the VL. This micro down light actually hangs from the host tree by a cinch tie requiring no screws or permanent hardware. A small brass hook is also included for beam mounted applications. Milled from heavy copper and solid brass hardware, the VL incorporates a long life halogen lamp with an integral frosted lens. An elegant moonlight effect is produced when an evening breeze gently swings the VL, making foliage shadow patterns dance on the ground below.

VL: Down Light



The Ease of Light
Small scale plants can become the focal point with the VL's micro moonlighting effect. Over time, the copper will produce a unique patina, allowing it to blend into the landscaping.



Learn more about FX Luminaire down lights. Visit: fd.com

760.744.5240

SEBCO THE INDUSTRY'S PREMIER LOW VOLTAGE LIGHTING TRANSFORMER. TYPE: T# MAGNETIC. FEATURES: 10 YEAR FREE REPLACEMENT WARRANTY, FULLY DIMMABLE, 1/8" STEEL, POWDER COATED NEMA 3R CASE, STANDARD WITH MANDATORY SECONDARY PROTECTION, AVAILABLE WITH PRIMARY LINE CORD, BUILT IN THE USA TO THE HIGHEST STANDARDS. REQUIREMENTS: MEETS OR EXCEEDS ALL UL, CUL, ANSI/UL, CSA AND CE REQUIREMENTS, LISTED TO THE NEWEST UL STANDARDS 2108 AND 1838, MANDATORY SECONDARY PROTECTION, AS STATED IN THE NATIONAL ELECTRIC CODE ARTICLE 411.

20" ARCADE FULL SHIELD (FS) PRODUCT LOGIC. Includes project information (Project Name, Type, Catalog Number), a logic diagram for product code AR-FS-20-LED-322-BZW-WHT-120, and a table of finishes including Standard Finish (Powder Coat Color, Metals, Finishes) and Premium Finish (Aluminum, Copper, Stainless Steel).

APPROVED FINAL PLANS PLANNING 9-29-17

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REVISIONS table with columns for revision number and description. Includes project information: DATE: 03.15.17, SCALE: NTS, PROJECT NUMBER: 103990-13, DRAWN BY: AG, CHECKED BY: WS, SHEET NAME: LIGHTING SPEC SHEETS, SHEET NUMBER: AL0.2



APPROVED
FINAL PLANS PLANNING
 9-29-17 KN
 DATE APPROVED BY



**CREATIVE DESIGNS
 IN LIGHTING**



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REVISIONS	

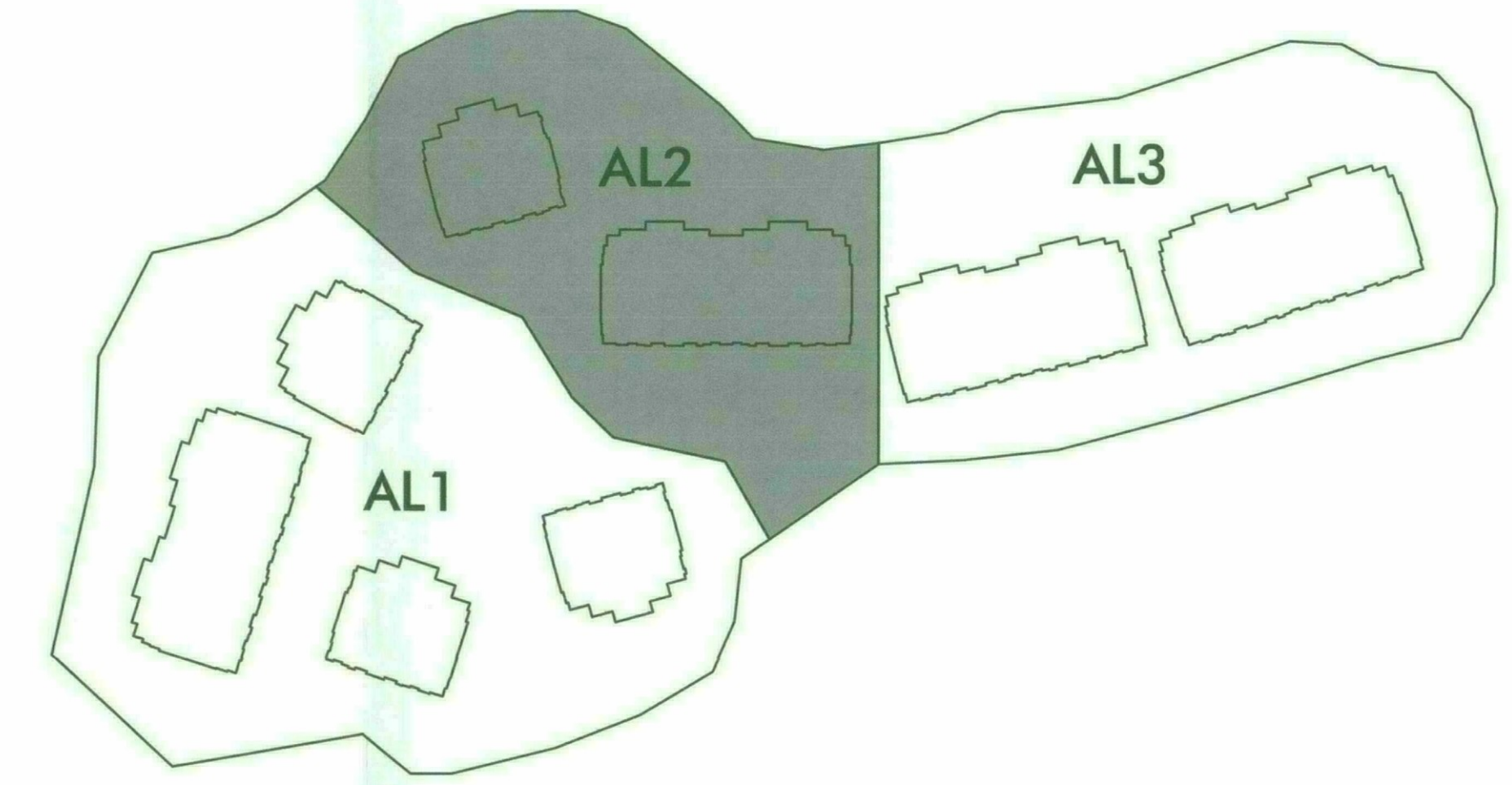
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SCALE	1"=20'-0"
PROJECT NUMBER	103990-13
DRAWN BY	AG
CHECKED BY	WS
SHEET NAME	

**SITE & LANDSCAPE
 LIGHTING PLAN**

SHEET NUMBER

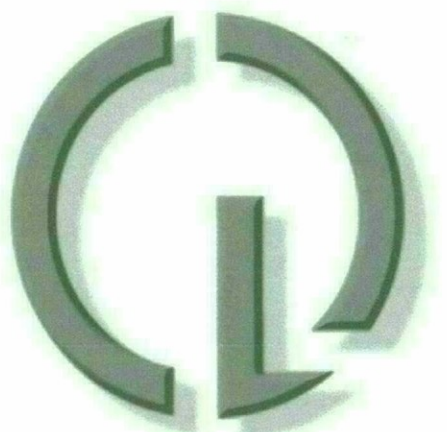
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KEYPLAN

APPROVED
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 9-29-17
 DATE DATE



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STERLING AT SILVERLEAF

SCOTTSDALE, ARIZONA

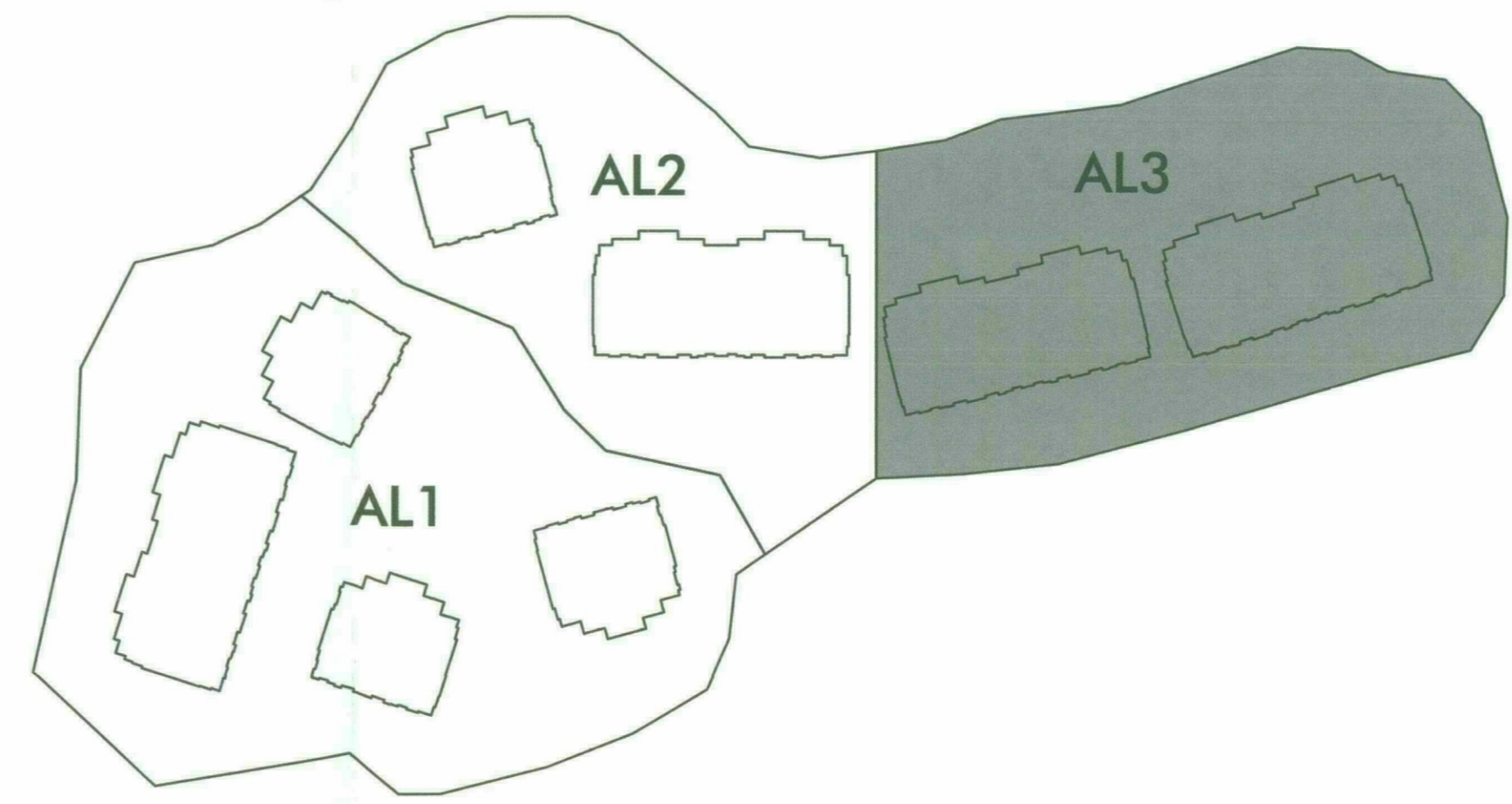
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DATE	03.15.17
SCALE	1"=20'-0"
PROJECT NUMBER	103990-13
DRAWN BY	AG
CHECKED BY	WS
SHEET NAME	

**SITE & LANDSCAPE
 LIGHTING PLAN**

SHEET NUMBER

AL2



KEYPLAN - SITE

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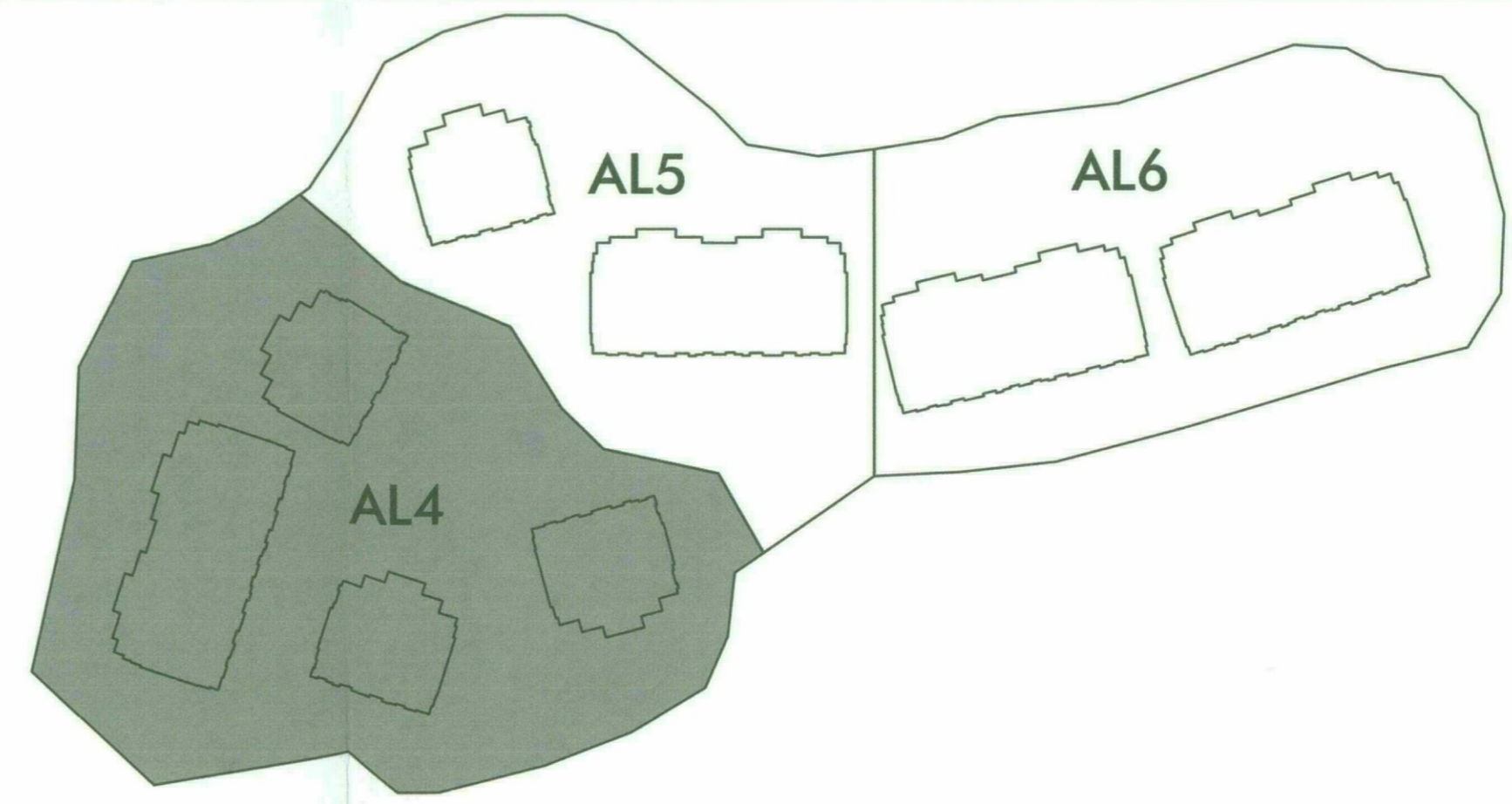
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DATE 03.15.17
 SCALE 1"=20'-0"
 PROJECT NUMBER 103990-13
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 SHEET NAME

SITE & LANDSCAPE
 LIGHTING PLAN

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AL3

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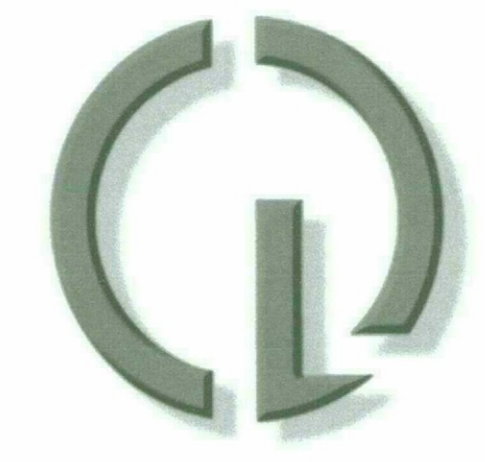
PHOTOMETRIC STATISTICS

PHOTOMETRIC PLANE	AVERAGE FC	MAXIMUM FC	MINIMUM FC	AVG/MIN	MAX/MIN
GROUND	1.42	7.90	0.00	N.A.	N.A.
TRESPASS @ 6' A.F.F.	0.39	0.80	0.20	1.95	4.00

Luminaire Schedule

Symbol	Label	Description	Qty	LLF	Lum. Lumens
P		800-PMMA-GHIT-42WPLT	31	1.000	6910
SL		L10R0037	95	1.000	74
TD		VL-20-BZ	82	1.000	284
WP		XTOR2A-N	12	1.000	1291
ZW		AR-FS-20-LED-322-BZW-WHT-120	116	1.000	2681
C		LREBLD402-CW-T30-SQG4-MED	12	1.000	591
D		ML5612927-592H	4	1.000	1101
BL		L9B02706	60	1.000	1729
BQ		BQ-08-FD-SS	1	1.000	366

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REVISIONS

NO.	DESCRIPTION

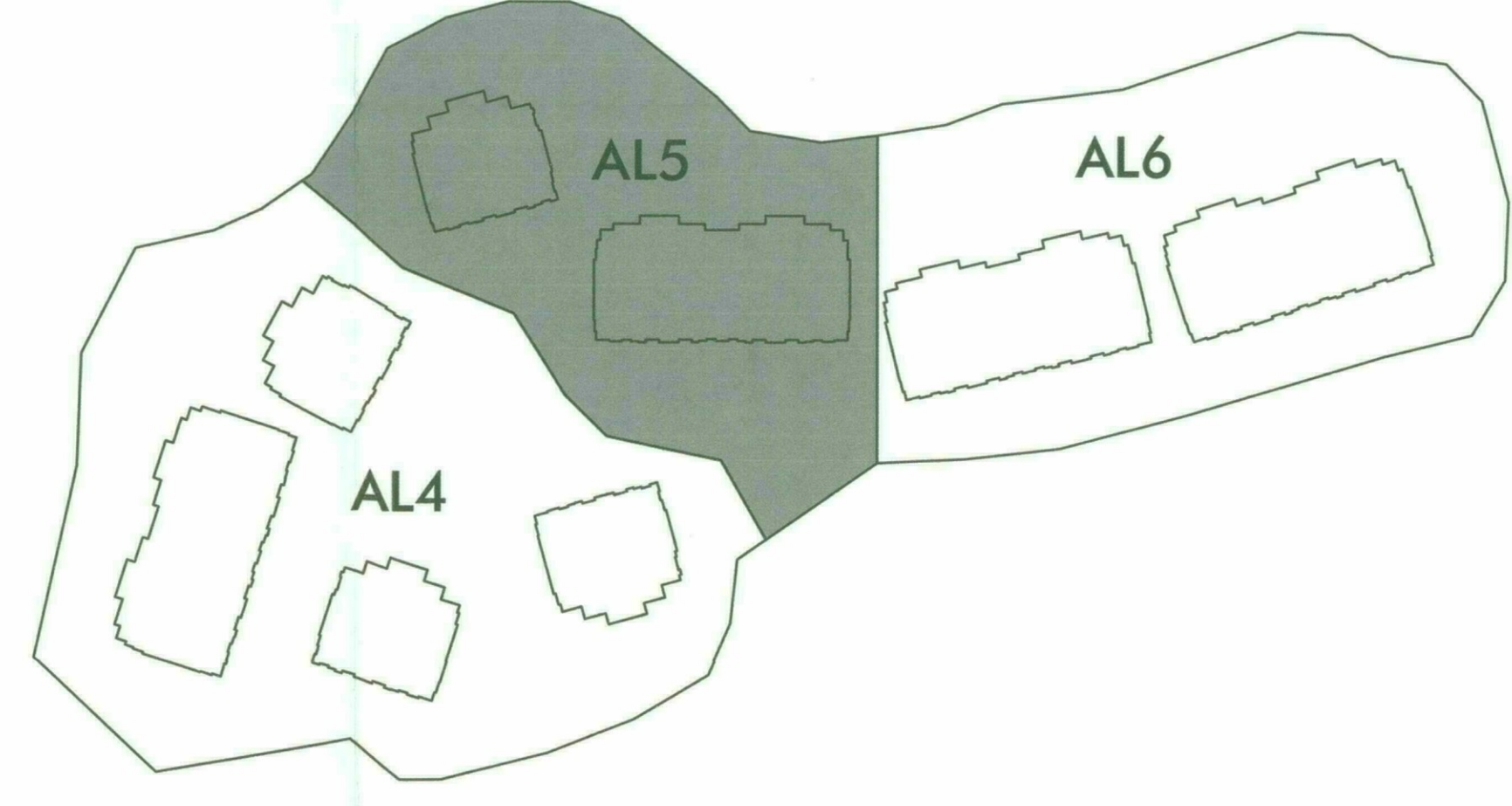
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PROJECT NUMBER	103990-13
DRAWN BY	AG
CHECKED BY	WS
SHEET NAME	

**SITE LIGHTING
PHOTOMETRY**

SHEET NUMBER

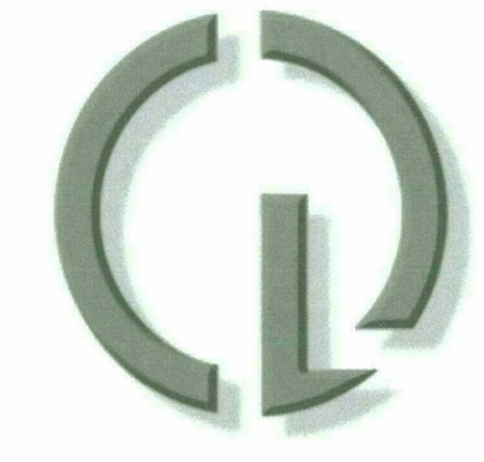
AL4

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PHOTOMETRIC KEYPLAN

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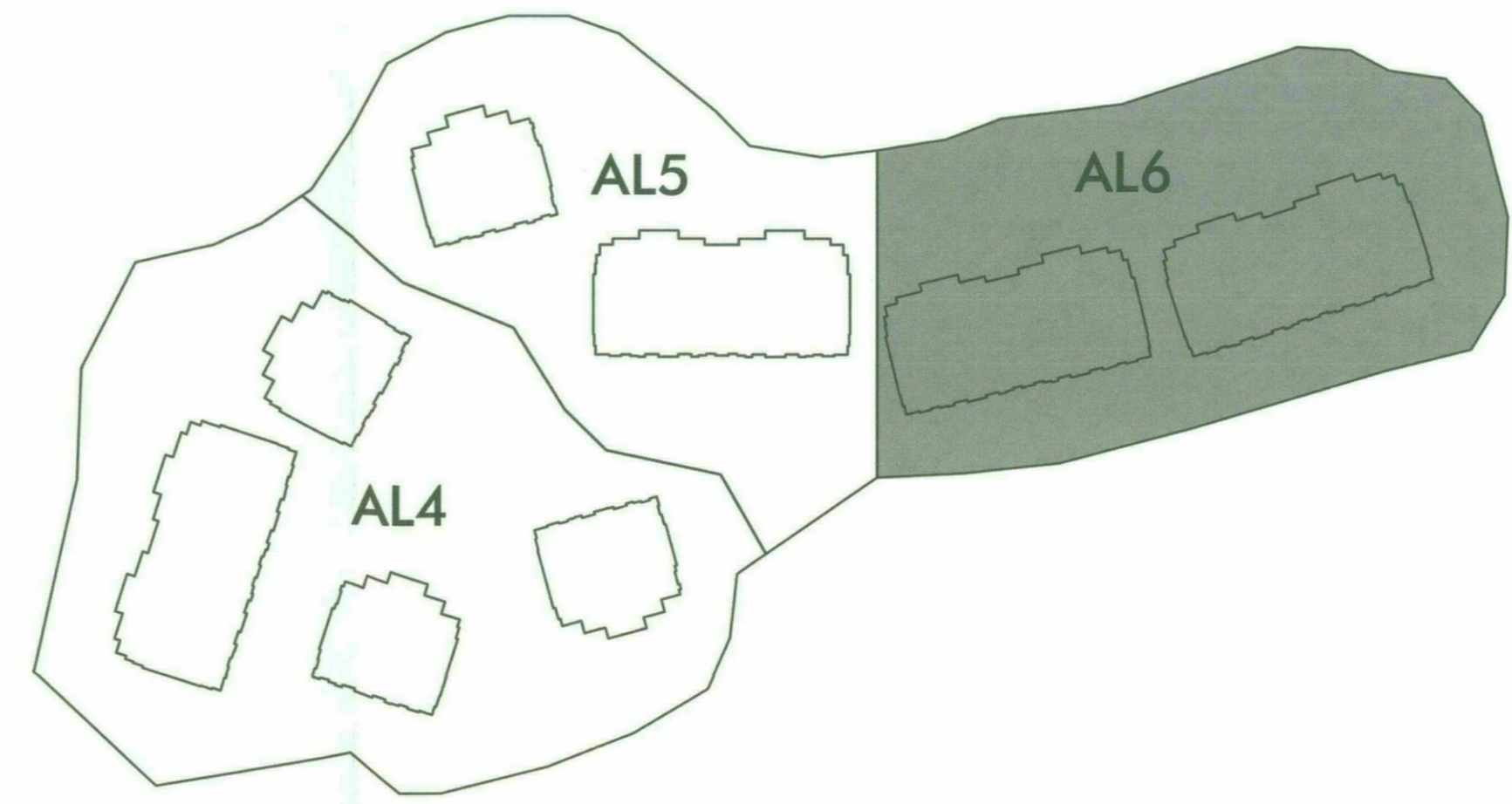
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DRAWN BY	AS
CHECKED BY	WS
SHEET NAME	

SITE LIGHTING
 PHOTOMETRY

SHEET NUMBER

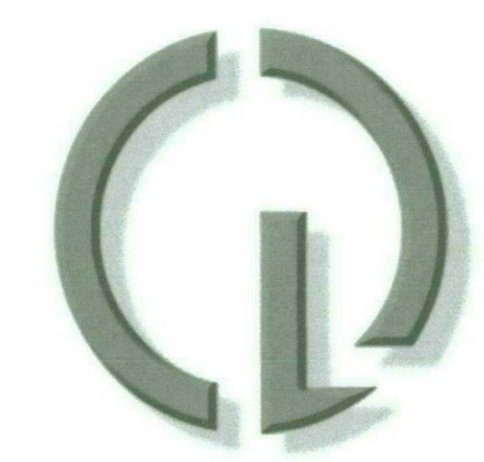
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PHOTOMETRIC KEYPLAN

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 SHEET NAME:

SITE LIGHTING
 PHOTOMETRY

SHEET NUMBER:

AL6

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