

SURVEY NOTES

- This survey and the description used are based on a Commitment for Title Insurance issued by Southwest Title Agency, LLC, issuing agent for Old Republic National Title Insurance Company, Order Number 00107177-099-JR, dated November 16, 2018.
- BASIS OF BEARING:** The monument line of Marshall Way, using a bearing of North 00 degrees 57 minutes 00 seconds East, per the Plat of HURLEY TRACT, recorded in Book 62, Page 35, M.C.R.
- The bearings and distances depicted indicate actual field or computed measurements performed during the course of this survey. This information may vary from documents of record used for this survey.
- The building square footage shown is based on exterior measurements of the building footprint at ground level and is not intended to reflect the interior or leaseable area of any building. The building footprint and dimensions depict the general configuration of the building(s).
- The utility information shown is limited to visible above ground evidence. This survey makes no attempt to depict any underground utilities and there is no guarantee or warranty to the exact location or presence of any underground utilities that may actually exist adjacent to or within the boundaries of the subject property. Prior to any excavation please call an underground utility locator or "BLUE STAKE" at (602)263-1100 for the precise location and extent of all utilities in the area.
- This Survey has been prepared exclusively for the parties stated in the certification for use in conjunction with the escrow referenced in Survey Note No. 1. Reproduction or use of this survey by any other party for any other transaction or purpose is unauthorized without written authorization from Alliance Land Surveying, LLC. The use of the word "certify" or "certification" by a person or firm that is registered or certified by the board is an expression of professional opinion regarding facts or findings that are the subject of the certification and does not constitute an express or implied warranty or guarantee (A.R.S. 32-151).

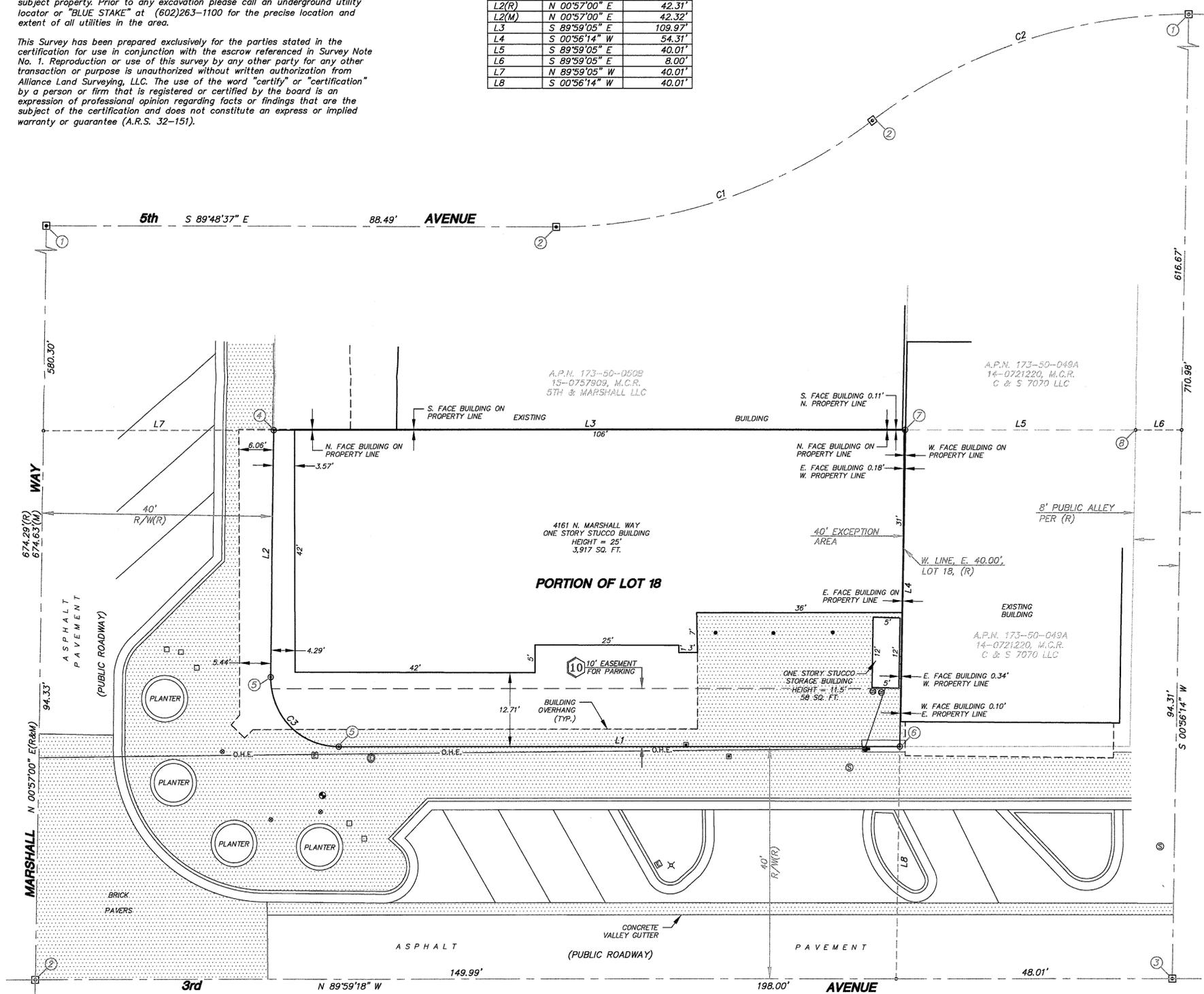
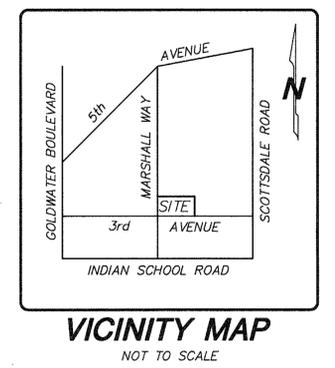
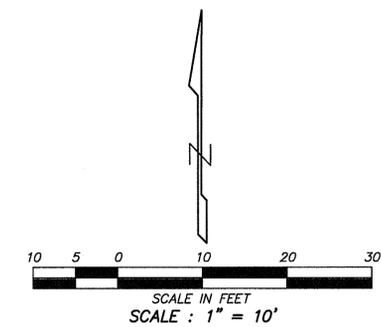
MONUMENT TABLE	
①	FND BRASS CAP FLUSH L.S. 15865
②	FND BRASS CAP FLUSH
③	CALC'D POSITION PER (R) - ALSO FND PK NAIL IN SHINER, N. 89°59'18" W., 0.38' AS SHOWN ON (R3, R4 & R6)
④	FND 1/2" REBAR W/CAP L.S. 21085 AS SHOWN ON (R3)
⑤	SET PK NAIL & WASHER L.S. 31020
⑥	SET 1/2" REBAR W/CAP L.S. 31020
⑦	PROPERTY CORNER NOT PRACTICAL TO SET - LANDS BETWEEN BUILDINGS - FND COTTON PICKER SPINDLE W/TAG L.S. 21085, EAST, 40.01' AT THE NE. COR. LOT 18, (R) AS SHOWN ON (R3)
⑧	NE. COR. LOT 18, (R) - FND COTTON PICKER SPINDLE W/TAG L.S. 21085 AS SHOWN ON (R3)

LINE	BEARING	DISTANCE
L1	N 89°59'18" W	97.98'
L2(R)	N 00°57'00" E	42.31'
L2(M)	N 00°57'00" E	42.32'
L3	S 89°59'05" E	108.97'
L4	S 00°56'14" W	54.31'
L5	S 89°59'05" E	40.01'
L6	S 89°59'05" E	8.00'
L7	N 89°59'05" W	40.01'
L8	S 00°56'14" W	40.01'

ALTA / N.S.P.S. LAND TITLE SURVEY

A PORTION OF THE SOUTHEAST QUARTER OF SECTION 22, TOWNSHIP 2 NORTH, RANGE 4 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA

CURVE	RADIUS	ARC LENGTH	DELTA ANGLE	CHORD BEARING	CHORD LENGTH
C1	91.89'	58.95'	36°45'27"	S 71°35'11" W	57.95'
C2	91.89'	58.95'	36°45'27"	N 71°35'11" E	57.95'
C3	11.81'	18.74'	90°56'18"	N 44°31'09" W	16.83'



- ### LEGEND
- Property Corner (See Monument Table)
 - Property Line
 - Fnd Survey Monument (See Monument Table)
 - (See Monument Table)
 - 24 inch Vertical Curb & Gutter
 - 6 inch Concrete Curb
 - Concrete Surface
 - Overhead Electric Line
 - Electric Box
 - Electric Meter
 - Fire Hydrant
 - Gas Stub
 - Guard Post or Gate Post
 - Light Pole
 - Decorative Glass Box
 - Power Pole W/ Underground Electric
 - Sewer Manhole
 - Water Meter
 - Water Valve
 - (R) See Reference Documents
 - (M) Measured

PARCEL DESCRIPTION

Lot 18, HURLEY TRACT, according to Book 62 of Maps, Page 35, records of Maricopa County, Arizona. EXCEPT the East 40 feet thereof.

- ### REFERENCE DOCUMENTS
- (R) PLAT PER BOOK 62, PAGE 35, M.C.R.
 - (R1) PLAT PER BOOK 62, PAGE 23, M.C.R.
 - (R2) R.O.S. PER BOOK 654, PAGE 14, M.C.R.
 - (R3) R.O.S. PER BOOK 1139, PAGE 1, M.C.R.
 - (R4) R.O.S. PER BOOK 1307, PAGE 50, M.C.R.
 - (R5) DOC. NO. 2000-091462, M.C.R.
 - (R6) R.O.S. PER BOOK 1417, PAGE 2, M.C.R.

- ### SCHEDULE "B" ITEMS
- ⑩ Easements, restrictions, reservations, conditions, set-back lines and all other matters as set forth on the plat recorded in Book 62 of Maps, page 35, but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status or national origin and thereafter modified by instrument recorded in Document No. 2018-0487105 and rerecorded in Document No. 2018-0504704. (PLOTTABLE MATTERS SHOWN HEREON - THE 20' PARKING EASEMENT SHOWN ON PLAT BK 62, PG. 35, M.C.R. HAS BEEN RELEASED PER DOC. NO. 2018-0504704, M.C.R.)
 - ⑪ Resolution No. 4698 of the Council of the City of Scottsdale declaring its intention to form the City of Scottsdale Downtown Enhanced Municipal Services Improvement District No. 17901 recorded in Document No. 97-086152. (AFFECTS SUBJECT PROPERTY - NOT PLOTTABLE)
 - ⑫ Resolution No. 6060 of the Council of the City of Scottsdale declaring its intention to form the City of Scottsdale Downtown Enhanced Municipal Services Improvement District No. 2 recorded in Document No. 2002-538464. (AFFECTS SUBJECT PROPERTY - NOT PLOTTABLE)

SITE INFORMATION

ADDRESS: 4161 N. MARSHALL WAY, SCOTTSDALE, ARIZONA
 A.P.N.: 173-50-050C
 LAND AREA: 0.136 ACRES - 5,941 SQ. FT.
 STRIPED PARKING SPACE TABULATION: There are no striped parking spaces on the subject property.

CERTIFICATION

TO: M3 Commercial Real Estate, LLC; 5th & Marshall, LLC, An Arizona Limited Liability Company; Southwest Title Agency, LLC; Premier Title Agency; and Old Republic National Title Insurance Company.

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/N.S.P.S. Land Title Surveys, jointly established and adopted by ALTA and N.S.P.S., and includes Items 1, 2, 4, 7(a), 7(b)(1), 7(c), 8, 9, 13, and 14 of Table A thereof. The fieldwork was completed on January 18, 2019.

January 21, 2019
 G. Bryan Coetzenberger
 R.L.S. 31020



22-DRS-2019
4/30/2019

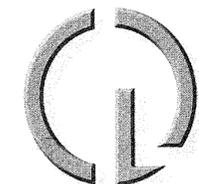
ALTA / N.S.P.S. LAND TITLE SURVEY
4161 N. MARSHALL WAY, SCOTTSDALE, ARIZONA

ALLIANCE LAND SURVEYING LLC

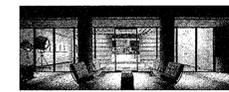
7800 N. 70th AVENUE, SUITE 104
GLENDALE, AZ 85303
Phone: (602) 672-2200
contactus@alliancelandsurveying.com
www.alliancelandsurveying.com

REV. _____
REV. _____

SHEET: 1 OF 1 DATE: 1-21-19 JOB NO: 190109



CREATIVE DESIGNS
IN LIGHTING



15982 N. 78th St. Suite A
Scottsdale, Arizona 85260

602.248.7822
design@cdltg.com
www.cdltg.com

1978 **41** 2019
years of architectural
lighting design

BENTLEY RENOVATION
7070 N MARSHALL WAY, SCOTTSDALE, AZ 85251

REVISIONS	

DATE	04.29.2019
SCALE	NTS
PROJECT NUMBER	103425-19
DRAWN BY	JG
CHECKED BY	MM
SHEET NAME	

LIGHTING NOTES,
SCHEDULE & DETAIL

SHEET NUMBER

ALO.0

22-DR-2019
4/30/2019

LIGHTING PLAN SYMBOL LEGEND	
	SINGLE POLE DIMMER
	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 SWITCH LEG NUMBER
	DUPLEX RECEPTACLE
	1/2 HOT DUPLEX RECEPTACLE
	WEATHER PROOF GFCI DUPLEX RECEPTACLE
	SWITCHED W.P. GFCI DUPLEX RECEPTACLE

NOTE: SOME SYMBOLS ON THIS LEGEND MAY NOT BE USED ON THIS PROJECT.

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.
- 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.
- 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 MANUFACTURERS RECOMMENDATIONS.
- ALL ELECTRICAL INSTALLATION TO MEET OR EXCEED THE REQUIREMENTS OF THE ELECTRICAL SPECIFICATIONS PREPARED BY THE PROJECT ELECTRICAL ENGINEER.
- 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.
- COORDINATE WITH OWNER/INTERIORS FOR THE SPECIFICATION AND PROCUREMENT OF ALL DECORATIVE FIXTURES. DECORATIVE FIXTURES TO BE ASSEMBLED AND INSTALLED BY ELECTRICAL CONTRACTOR. VERIFY FINAL LOCATIONS AND MOUNTING HEIGHTS WITH OWNER AND/OR INTERIOR DESIGNER. CONTRACTOR TO COORDINATE DIMMING REQUIREMENTS FOR ALL DECORATIVE FIXTURES WITH DIMMING SYSTEM SPECIFICATIONS.
- ALL RECESSED TRIMS AND/OR TRIM RINGS SHALL BE PAINTED TO MATCH COLOR OF CEILING (INTERIOR AND EXTERIOR).**
- COORDINATE WITH ARCHITECT/OWNER FOR MOUNTING HEIGHT AND FINAL LOCATIONS OF ALL WALL-BOX SWITCHES AND DIMMER DEVICES.
- ALL DEVICES (I.E. SWITCHES, RECEPTACLES, PHONE JACKS, TELEVISION JACKS, ETC.) TO BE DECORA STYLE AND ALL WALL-BOX DIMMERS SHALL BE **LUTRON - DIVA SERIES** OR APPROVED EQUAL. COORDINATE WITH ARCHITECT FOR FINISH COLOR IN EACH SPACE AND COORDINATE WITH FIXTURE SCHEDULE FOR DIMMING REQUIREMENTS. SIZE AND DERATE ALL DIMMERS ACCORDING TO MANUFACTURERS SPECIFICATIONS.
- ELECTRICAL CONTRACTOR'S BID SHALL INCLUDE TWO ELECTRICIANS FOR TWO (2) EVENINGS (4 HOUR MINIMUM EACH) FOR FINAL AIM AND FOCUS OF ALL ADJUSTABLE LIGHTING FIXTURES AND SCENE SETTING. CONTRACTOR TO PROVIDE ALL NECESSARY LADDERS/LIFTS AS REQUIRED.
- COORDINATE WITH ELECTRICAL SPECIFICATIONS FOR RECESSED FLOORBOX RECEPTACLES. RECEPTACLES TO BE **CARLON #976-RFB - DEEP RECTANGULAR FLOOR PLUGS WITH COVER PLATE COLOR TO BE DETERMINED BY OWNER & INTERIOR DESIGNER** OR APPROVED EQUAL AND EXTERIOR WALL MOUNTED WATERPROOF RECEPTACLES SHALL BE RECESSED WITH ARLINGTON #DBVR1W WATERPROOF IN-USE COVERS. VERIFY SWITCHING REQUIREMENTS AND LOCATIONS OF ALL FLOOR PLUGS WITH OWNER AND/OR INTERIOR DESIGNER.
- FOR SPECIFIC WIRING INFORMATION AND CIRCUITING REFER TO THE ELECTRICAL PLANS.
- ALL LIGHT FIXTURES TO UTILIZE HIGH EFFICACY LED SOURCES.

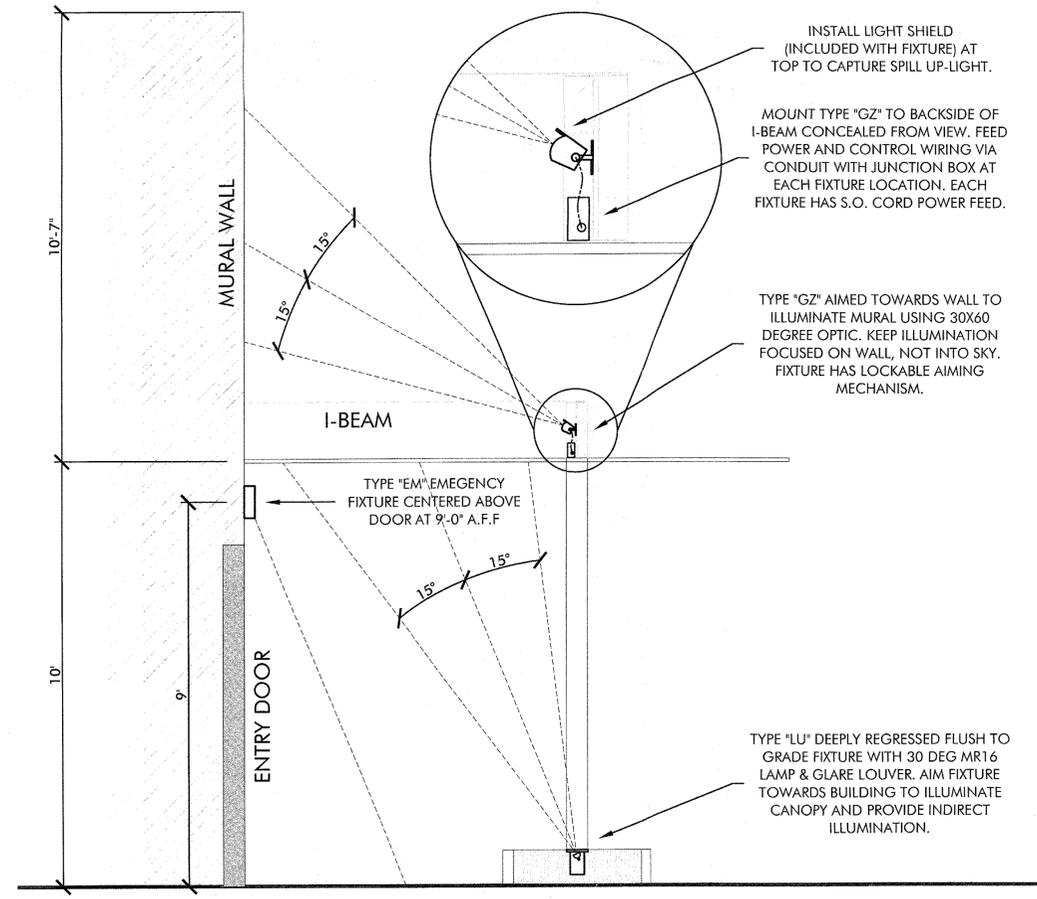
BENTLEY RENOVATION
Fixture Schedule

Note: Verify all components and quantities. Refer to product specifications for complete fixture data.

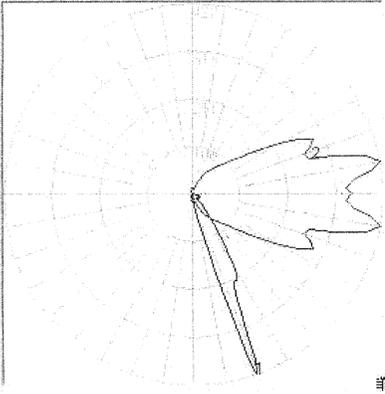
Fixture Type	Fixture Specification	Lamp Specification	Fixture Wattage	Load Type	Fixture Voltage	Accessories	Mounting
EM	HOLOPHANE CZ9A-W-EXT	(2) 6 WATT WEDGE-BASE XENON LAMPS (INCLUDED)	12w	NON-DIM	120v		Wall Mount
wet location emergency wall sconce fixture							
GZ	ACCLAIM LNEA-COLD-OPRQ / LNPC10 / LNEGS1	LED: 3500K 80+CRI (INTEGRAL TO FIXTURE)	12w	0-10VDC	120v	Glare Shield	Surface Mount
1 foot linear wet location fixture with 30x60 degree optic and single side glare shield Driver: Integral This fixture type uses high efficacy lamps or sources. 1) 0-10VDC dimming requires BOTH (1) #12-2 high voltage and (1) #16-2 low voltage wires.							
LU	LUMIERE 613-50MR16-12-NBR / LBB / LVR	MR16-4-2700-30 (Brilliance LED MR16)	4w	MLV	12vAC	Glare Louver	Floor Recessed
flush to grade 4" diameter wet location adjustable deeply regressed uplight fixture with led lamp Transformer: Remote (see schedule) Requires: Finish: Natural Brass This fixture type uses high efficacy lamps or sources. 1) All LED MR16 lamps shall be Brilliance LED rated for enclosed fixtures.							
T#	SEBICO BY KICHLER REMOTE 12V AND 34V FUSED MAGNETIC TRANSFORMERS			MLV	120v		Wall Mount
[T1] 150w/12vAC - Sebco #1023-12 - type lu uplights [1] Refer to fixture schedule for part numbers. Refer to plans for locations.							

General Specification Notes

- All recessed trims and/or trim rings shall be painted to match color of ceiling.
- Electrical Contractor to determine fixture housing rating (IC, Non-IC or Remodel) unless otherwise noted.
- No substitutions permitted without prior approval from Creative Designs in Lighting.



1 LIGHTING SECTION DETAIL
SCALE: 1/2" = 1'-0"

FIXTURE ABBREVIATION	EM
FIXTURE GRAPHIC	
FIXTURE TYPE	WALL SCNCE
FIXTURE ADD-ONS	N/A
LAMP TYPE UTILIZED	XENON
PHOTOMETRIC DATA / CANDELA DISTRIBUTION CURVE	
	



FEATURES & SPECIFICATIONS

INTENDED USE — Provides a minimum of 90 minutes illumination for the rated wattage upon loss of AC power. Ideal for applications requiring low-profile, attractive emergency lighting.

CONSTRUCTION — Compact, low-profile, architectural design with die-cast aluminum housing. Available finishes are textured polyester powder coat paint in brushed nickel, white, black and dark bronze. All finishes can be painted in the field to match the wall color at choice.

U.S. Patent No. D468,046.

Patent-pending reflector design features superior vacuum-metallized, die-cast reflectors, and multi-faceted, highly transmissive reflector that significantly improve photometrics.

OPTICS — Standard optics provided with two 40W wedge base xenon lamps offer 55 percent more light output than standard incandescent lamps.

Forward throw (FWD) option optics provided with two high-brightness white LEDs (10.8W total), projecting an NFPA 703 compliant path 3' wide and 28' forward, when mounted 8-1/2' AFF. The typical life of the LED lamp is 30 years.

All light sources meet requirements for NEC 700.16.

ELECTRICAL — Dual-voltage input capability (120/277V).

Current-limiting charger maximizes battery life and minimizes energy consumption. Provides low operating costs.

Short-circuit protection — current-limiting charger circuitry protects printed circuit board from shorts.

Thermal protection senses circuitry temperature and adjusts charge current to prevent overheating and charge failure.

Thermal compensation adjusts charger output to provide optimum charge voltage relative to ambient temperature.

Regulated charge voltage maintains constant-charge voltage over a wide range of line voltages. Prevents over-undershooting that shortens battery life and reduces capacity.

Floated charge regime minimizes charge voltage ripple and extends battery life.

Edge connectors on printed circuit board ensure long-term durability.

Low-profile, integrated test switch/pilot light located below the lens.

Easily visible green status indicator.

Battery: Sealed, maintenance-free lead-acid (SLA) battery provides 120V rated capacity. Nickel-cadmium battery with Premium and EXT option packages.

Automatic 48-hour recharge after a 90-minute discharge.

Low-voltage disconnect prevents excessively deep discharge that can permanently damage the battery.

Single-circuit battery connection.

AC/120V reset allows battery connection before AC power is applied and prevents battery damage from deep discharge.

Brownout protection is automatically switched to emergency mode when supply voltage drops below 80 percent of nominal.

EXT option package includes 20-minute time delay for supplemental lighting during MFD startup.

Single multi-chromatic LED indicator to display two-state charging, test activation and three-state diagnostic status.

Test switch provides manual activation of 30-second diagnostic testing for on-demand visual inspection.

Self-diagnostics (PREM and EXT option packages)

Patented Electronics — U.S. Patent No. D468,044 and 6,592,044.

Self-diagnostic testing for five minutes every 30 days and 30 minutes every six months.

Diagnostic evaluation of lamp, AC to DC transfer, charging and battery condition. Continuously monitors AC functionality.

Postpone automatic test initiates eight hour delay of an automatic test by activating the manual test switch.

INSTALLATION — Back mount only. Universal J-box mounting pattern.

Rigid conduit entry provision on top of the unit.

LISTINGS — UL Listed. Wet locations and cold temperature (EXT) listed. Dump location (PREM) listed. Wet location (EXT) option available with PREM package. Meets UL 924, NFPA 101, NFPA 70-NEC and OSHA illumination standards. UL labeled.

WARRANTY — 3-year limited warranty. (Battery is protected.) Complete warranty terms located at www.holophane.com/customer-service/terms_and_conditions.aspx

Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Note: Specifications subject to change without notice.

ORDERING INFORMATION — For shortest lead times, configure product using **bolded options**.

Series	Finish	Options
CZ9A	W White	(Blank) Features lead calcium battery
	B Black	PREM Features ni-cad battery, self-diagnostics and dump location 32' F to 122' F (0° C to 50° C)
	BN Brushed nickel	EXT Features high-temperature ni-cad battery rated from 0° F to 122° F (-16° C to 50° C), self-diagnostics, time delay, listed for cold weather, dump and wet location.
	DB Dark bronze	FWD Forward throw optics with LED light source, 10.8W
		WL Wet location with time delay listed from 32° F to 122° F (0° C to 50° C) ¹

Notes

¹ WL only available with PREM option package.

Example: CZ9A W EXT

EMERGENCY CORTEZ CZ9A



Die-Cast Architectural Emergency Light

CORTEZ CZ9A



White
Brushed Nickel



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Notes

¹ WL only available with PREM option package.

Example: CZ9A W EXT

EMERGENCY CORTEZ CZ9A

Cortez CZ9A Die-Cast Architectural Emergency Light

SPECIFICATIONS

Type	AC Input			Output volts	Watts output
	Volts	Amps	Watts		
CZ9A	120	.17	1.1	6	12
CZ9A PREM	120	.15	1.4	6	12
CZ9A EXT	277	.14	1.4	6	12

BATTERY: Sealed Lead-Acid (SLA)

Voltage	Shelf life ¹	Typical life ²	Maintenance ³	Optimum temperature ⁴
6	12 months	3 - 5 years	none	60° - 90° F (16° - 32° C)

BATTERY: Nickel-Cadmium

Voltage	Shelf life ¹	Typical life ²	Maintenance ³	Optimum temperature ⁴
6	3 years	7 - 9 years	none	32° - 122° F (0° - 50° C)

Notes

- 1 Full provided with battery holder.
- 2 At 77° (25° C).
- 3 Optimum ambient temperature range where unit will provide capacity for 50 minutes. Higher and lower temperatures affect life and capacity. See option package for expanded temperature ratings.
- 4 All life cycle equipment, including emergency lighting for path of egress must be maintained, serviced, and tested in accordance with all National Fire Protection Association (NFPA) and local codes. Failure to perform the required maintenance, service, or testing could compromise the safety of occupants and void all warranties.

SPACING GUIDE

Xenon Lamp Center-to-Center Spacing	Path of Egress 3'-wide	Path of Egress 6'-wide
	26'	21'

NOTE: Meets Life Safety Code standard minimum illuminance of 0.1 FC and average illuminance of 1.0 FC. Assumes open space with no obstruction, mounting height 8.5', ceiling height 10', and reflectance 0.50/50/20.

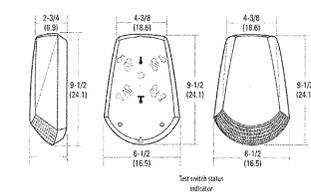


EMERGENCY: 3825 Columbus Road, Grassville, OH 43023 Phone: 740-345-9831 www.holophane.com © 2015-2017 Ability Brands Lighting, Inc. All rights reserved. Rev. 02/16/17

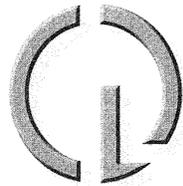
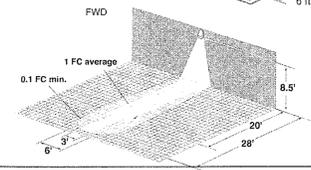
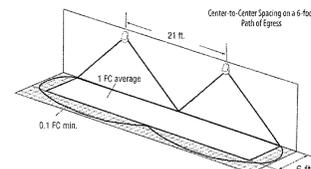
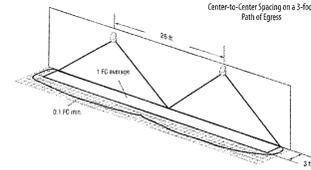


MOUNTING

All dimensions are inches (centimeters).
Shipping weight: 3.5 lbs. (1.59 kg.)



FIXTURE PERFORMANCE



**CREATIVE DESIGNS
IN LIGHTING**



15982 N. 78th St. Suite A
Scottsdale, Arizona 85260

602.248.7822
design@cdltg.com
www.cdltg.com

1978 41 2019
years of architectural
lighting design

BENTLEY RENOVATION
7070 N MARSHALL WAY, SCOTTSDALE, AZ 85251

REVISIONS	
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DATE	04.29.2019
SCALE	N.T.S.
PROJECT NUMBER	103425-19
DRAWN BY	JG
CHECKED BY	MM
SHEET NAME	

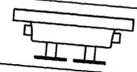
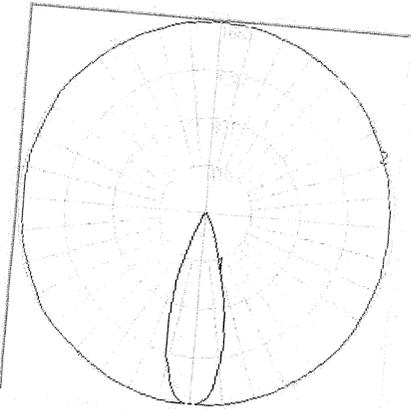
MANUFACTURER
CUT SHEETS

SHEET NUMBER

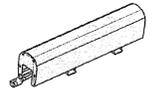
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22-DR-2019
4/30/2019

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FIXTURE ABBREVIATION	GZ
FIXTURE GRAPHIC	
FIXTURE TYPE	30X60 DEG GRAZER
FIXTURE ADD-ONS	GLARE SHIELD
LAMP TYPE UTILIZED	LED
PHOTOMETRIC DATA / CANDELA DISTRIBUTION CURVE	
	

LINEAR ONE EXTERIOR **TYPE GZ** ACCLAIM LIGHTING



Client:
Project:
Type:
Order Code:
Quantity:



With **Linear One**, we set out to produce a series that works with your vision instead of crowding it. Acclaim Lighting continually strives for simple goals during the design process: be useful, stay out of the way, and function wonderfully. Creativity begins with great design and **Linear One** is streamlined to work for you. We meticulously craft linear lights that install with no visible cables and create the clutter-free space your work deserves. This means that subtly enhances your aesthetic as **Linear One** remains hidden while serving as the powerhouse behind your visual creation. Refined to work with your creativity, **Linear One** provides end-to-end modular functionality that adapts to your needs and never works against them. Acclaim Lighting is motivated by the passion of its users and strives to produce the very best solutions in architectural lighting. We create beautiful products that work for creativity.

SPECIFICATIONS

Colors
2700K, 3000K, 3500K, 4000K (80 CRI or 90 CRI available), Red, Green, Blue, Amber

Beam Angles
10 x 10, 30 x 30, 60 x 60, 100 x 100, 10 x 25, 10 x 40, 10 x 70, 30 x 60, 40 x 70
Asymmetric (60 x 60 + 20 tilt), Batwing (split 10 x 40 or 40 x 70)

Housing Lengths
1' (304.8mm), 4' (1219.2mm)

Control
0-100% dimming via internal 0-10V driver, DMX via optional UDM, wireless via optional Aria

Max Fixtures in Series
80' (24m)

Power Consumption
1' 12W, 4' 48W

Operating Voltage
100-277VAC, 50/60 Hz

Lumen Maintenance
L70 @ 150,000 hours (25 °C)

Mounting
90° mounting bracket included, flat mounting bracket optional

Finish
Silver / finished aluminum, marine and natatorium environment capability standard

Material
Aluminum body - Type III hard coat anodized, polycarbonate lens

Ambient Operating Temperature
-40 F to 131 F (-40 C to 55 C)

IP Rating
IP66, wet location - marine environment housing standard

IK Rating
IK10, protection against 5 Joule impact (40cm distance)

Fixture Connectors
IP66 End to end multi-pin connection cables included

Warranty
5 Years, limited

Weight
1': 2.4 lbs, 4': 9.7 lbs

Dimensions
L: 12" / 48" W: 2.12" H: 3.39" (L: 305 / 1220 W: 54 H: 86.2mm)

Certifications
UL, CE

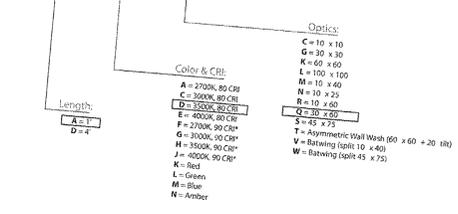
SPECIFICATION SHEET 2.1.2
Specifications subject to change without notice

LINEAR ONE EXTERIOR **TYPE GZ** ACCLAIM LIGHTING

ORDER CODES

* indicates special order

LNE# - COL# - OPT#



RELATED COMPONENTS

Feed Cables

LNFC10
10' Feed Cable for Linear One Exterior
Multi-pin connector to bare wire AC + 0-10V

LNFC50
50' Feed Cable for Linear One Exterior
Multi-pin connector to bare wire AC + 0-10V

Link Cables

LNLC0
6' Link Cable for Linear One Exterior
Multi-pin connector to multi-pin connector, use for curved runs

LNLC1
1' Link Cable for Linear One Exterior
Multi-pin connector to multi-pin connector

LNLC5
5' Link Cable for Linear One Exterior
Multi-pin connector to multi-pin connector

LNLC10
10' Link Cable for Linear One Exterior
Multi-pin connector to multi-pin connector

SPECIFICATION SHEET 2.1.2
Specifications subject to change without notice

LINEAR ONE EXTERIOR **TYPE GZ** ACCLAIM LIGHTING

RELATED COMPONENTS

Optional Mounting Accessories

LNMT1
1' mounting track for Linear One
Aluminum profile, screws not included

LNMT4
4' mounting track for Linear One
Aluminum profile, screws not included

LNFBM
Flat Mounting Bracket for Linear One
2 pcs required per fixture, factory fitted option

LNEB1
1' extender bar for Linear One
Aluminum body, screws not included

LNEB2
2' extender bar for Linear One
Aluminum body, screws not included

LNEB3
3' extender bar for Linear One
Aluminum body, screws not included

Optional Beam Accessories

LNESG1
1' single sided glare shield for Linear One Exterior

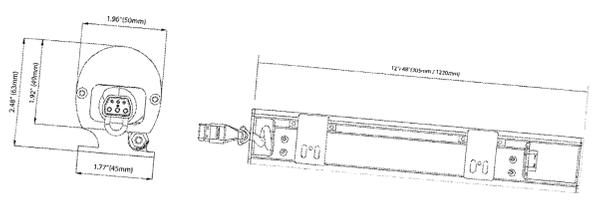
LNESG4
4' single sided glare shield for Linear One Exterior

LNELV1
1' full louver for Linear One Exterior (use 4 pcs. for 4' fixture)

SPECIFICATION SHEET 2.1.2
Specifications subject to change without notice

LINEAR ONE EXTERIOR **TYPE GZ** ACCLAIM LIGHTING

DIMENSIONS



PHOTOMETRICS

80 CRI Versions, 10 x 10, 1'

Color	Lumens(per foot)	Max Candela	Efficacy (lpw)	CRI	TM30
2700K	739	5643	63	81.1	81.2
3000K	788	6291	67	82.8	81.3
3500K	772	5897	66	84.3	82.6
4000K	770	5790	65	85.4	83.2

90 CRI Versions, 10 x 10, 1'

Color	Lumens(per foot)	Max Candela	Efficacy (lpw)	CRI	TM30
2700K	574	4577	49	90.6	93
3000K	544	3844	47	93	89.2
3500K	569	4012	48	91.8	86.7
4000K	579	4703	48	90.1	90

SPECIFICATION SHEET 2.1.2
Specifications subject to change without notice



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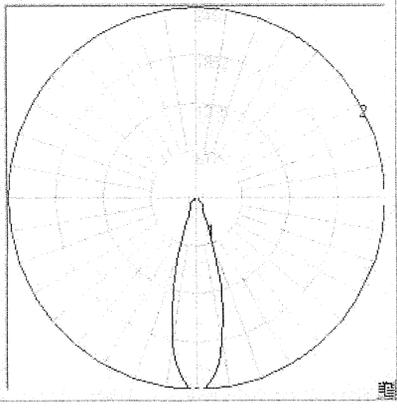
BENTLEY RENOVATION
7070 N MARSHALL WAY, SCOTTSDALE, AZ 85251

REVISIONS

DATE
04.29.2019
SCALE
N.T.S.
PROJECT NUMBER
103425-19
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SHEET NAME

MANUFACTURER
CUT SHEETS

SHEET NUMBER

FIXTURE ABBREVIATION	LU
FIXTURE GRAPHIC	
FIXTURE TYPE	IN-GRADE UPLIGHT
FIXTURE ADD-ONS	HEXCELL LOUVER
LAMP TYPE UTILIZED	LED
PHOTOMETRIC DATA / CANDELA DISTRIBUTION CURVE	
	

DESCRIPTION

The Boca 613 is a tiny 4-1/2" diameter in-ground fixture for use with a low voltage MR16 lamp. The adjustable lamp assembly provides up to 22° vertical tilt and 360° horizontal rotation for precision uplighting, wall washing or general illumination in constricted areas. Designed for recess mounting in concrete, brick, stone or dirt it is suitable drive-over applications.

SPECIFICATION FEATURES

Material
Recessed housing is constructed from corrosion-resistant stainless steel. Trim ring is precision-machined from corrosion-resistant 6061-T6 aluminum, solid brass or solid bronze.

Finish
Solid brass and stainless steel parts are natural finish. Painted surfaces are double protected by a chromate conversion undercoating and a thermoplastic polyester powder coat for rust-resistance and extended weatherability.

Gasket
Recessed housing and trim ring are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

Lens
Minimum 1/4" thick tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock. Suitable for drive-over applications.

Hardware
Stainless steel hardware is standard to provide maximum corrosion-resistance.

Socket
Ceramic socket with 250° C Teflon® coated lead wires and GUS.3 bi-pin base.

Electrical
Remote 12V transformer required (not included). Available from Lumière as an accessory - see the Accessories & Technical Data section of this catalog for details. Bottom of fixture includes two 1/2-14 NPSM brass female conduit fittings for through wiring. Fixture also includes built-in wiring compartment.

Lamp
Not included. Soraia lamp compatible (10W Max).

Warranty
Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

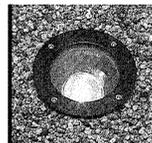
Recessed Housing
Recessed housing is available to ship in advance of complete fixture for rough-in purposes. Specify option -LBB and order separately accompanying recessed housing from below.

013-xx-BB recessed housing.

NOTE: replace xx with desired finish- BK, BZ, CS, VE, WT, NBR, or NBZ.

Lumière

TYPE LU



613
BOCA
HALOGEN

APPLICATIONS:
GROUND-MOUNT
RECESSED



CERTIFICATION DATA
UL and cUL Wet Location Listed
IEC 9001:2000
LMV (LMV Compliant)
ROHS* Compliant
IP68 Ingress Protection Rated

TECHNICAL DATA
50W (max.) MR16
Low Voltage

ORDERING INFORMATION

Sample Number: 613-05MR16-12-8Z-LBB

Series	Source	Voltage	Finish	Options
613-4 1/2" dia. Adjustable 22° Vertical Tilt 360° Horizontal Rotation Boca In-ground	350MR16-35W Max. Halogen MR16, GUS.3 Base 100MR16-35W Max. Halogen MR16, GUS.3 Base	12-120V	BK=Black BZ=Bronze CS=City Silver VE=Venetian WT=White NBR=Premium Finish NBZ=Natural Bronze*	-LBB-Housing Shipped in Advance (tested LBB option and order -BB Back Box Recessed Housing separately)



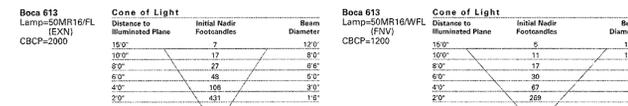
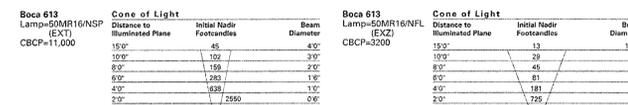
TDS2621EN
April 13, 2018
1 of 2

ACCESSORIES - ORDER SEPARATELY

Filters (2.0" Diameter)	Optical Lenses (2.0" Diameter)	Optical Louvers (2.0" Diameter)
F71 = Peach Dichroic F72 = Amber Dichroic F73 = Green Dichroic F74 = Medium Blue F75 = Yellow Dichroic F76 = Red Dichroic F77 = Dark Blue Dichroic F78 = Light Blue Dichroic F79 = Neutral Density Dichroic F80 = Magenta Dichroic F82 = Red Color F83 = Blue Color F84 = Green Color F85 = Yellow Color F86 = Mercury Vapor	LEL=Linear Spread Lens (elongates standard beam spread) OFL=Off-axis Lens (provides even illumination) OSL=Overall Spread Lens (increases standard beam spread)	LVR=45° Hex Cell Louver (reduces glare)

TYPE LU

PHOTOMETRIC DATA



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50MR16/NSP	EXT	50	12°	11,000	3050	4000	GUS.3 bi-pin	12
50MR16/NFL	EXZ	50	25°	3200	3050	4000	GUS.3 bi-pin	12
50MR16/FL	EXN	50	40°	2000	3050	4000	GUS.3 bi-pin	12
50MR16/WFL	FNW	50	60°	1200	3050	4000	GUS.3 bi-pin	12
35MR16/SP	FRA	35	20°	3800	3000	4000	GUS.3 bi-pin	12
35MR16/FL	FMW	35	40°	1000	3000	4000	GUS.3 bi-pin	12

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

TECHNICAL INFORMATION

- Beam diameter is to 50% of maximum footcandle, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.



TDS2621EN
April 13, 2018
2 of 2

MR16

TYPE LU

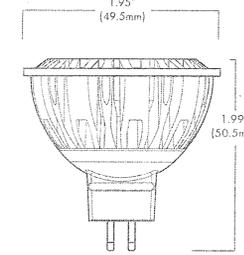
DESCRIPTION

The Brilliance LED MR16 Bipin is designed to better fit into standard, low voltage. MR16 fixtures and have a longer lamp life. These LEDs are thermally engineered to operate in enclosed fixtures and provide added security by automatically cooling down, and reducing lumen output when exposed to extreme heat (air temperatures above 125° F). There is no color shift when lumen output is reduced.

FEATURES

- Gen 5 earth tone colored housing
- Dimmable with most magnetic transformers
- Enhanced ESD (Electro-Static Discharge) protection (IEC-61000-4-2)
- Heat overload protection technology
- Fully potted PC board
- UL & FCC compliant

Wattage	4, 5, 7
Beam Spread	10°, 30°, 60°, 120°
Color (4&5W)	Red, Green, Blue, Amber, Silver Green (5W)
Operating Range	8-25 VAC
Replaces	20W, 35W, 50W Halogen
CRI	85
IP	61
Chipset	CREE
Lamp Life (hours)	50,000
Warranty (years)	5



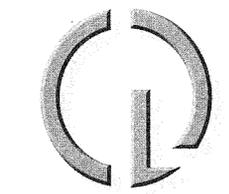
MR16-4-2700-30
Part Number: MR16-x-xxxx-xxxx



Lumens	2200K	2700K	3000K	5700K
4W	275	325	350	400
5W	300	380	400	450
7W	600	690	715	750

Brilliance Low Voltage

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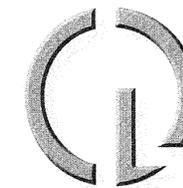
REVISIONS	

DATE	04.29.2019
SCALE	N.T.S.
PROJECT NUMBER	103425-19
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MANUFACTURER CUT SHEETS

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SCALE

3/16" = 1'-0"

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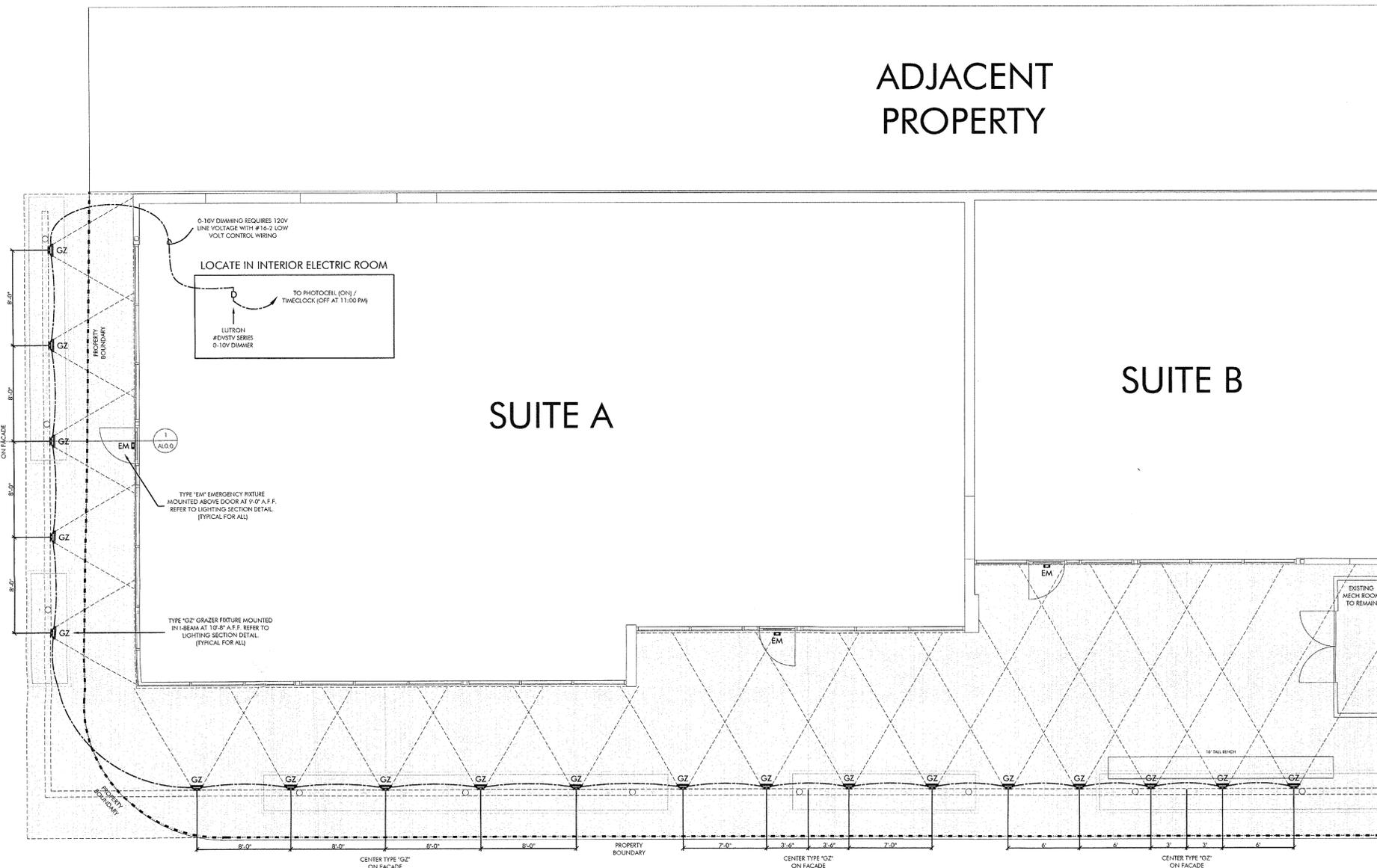
UPPER LIGHTING
PLAN

SHEET NUMBER

AL1

ADJACENT
PROPERTY

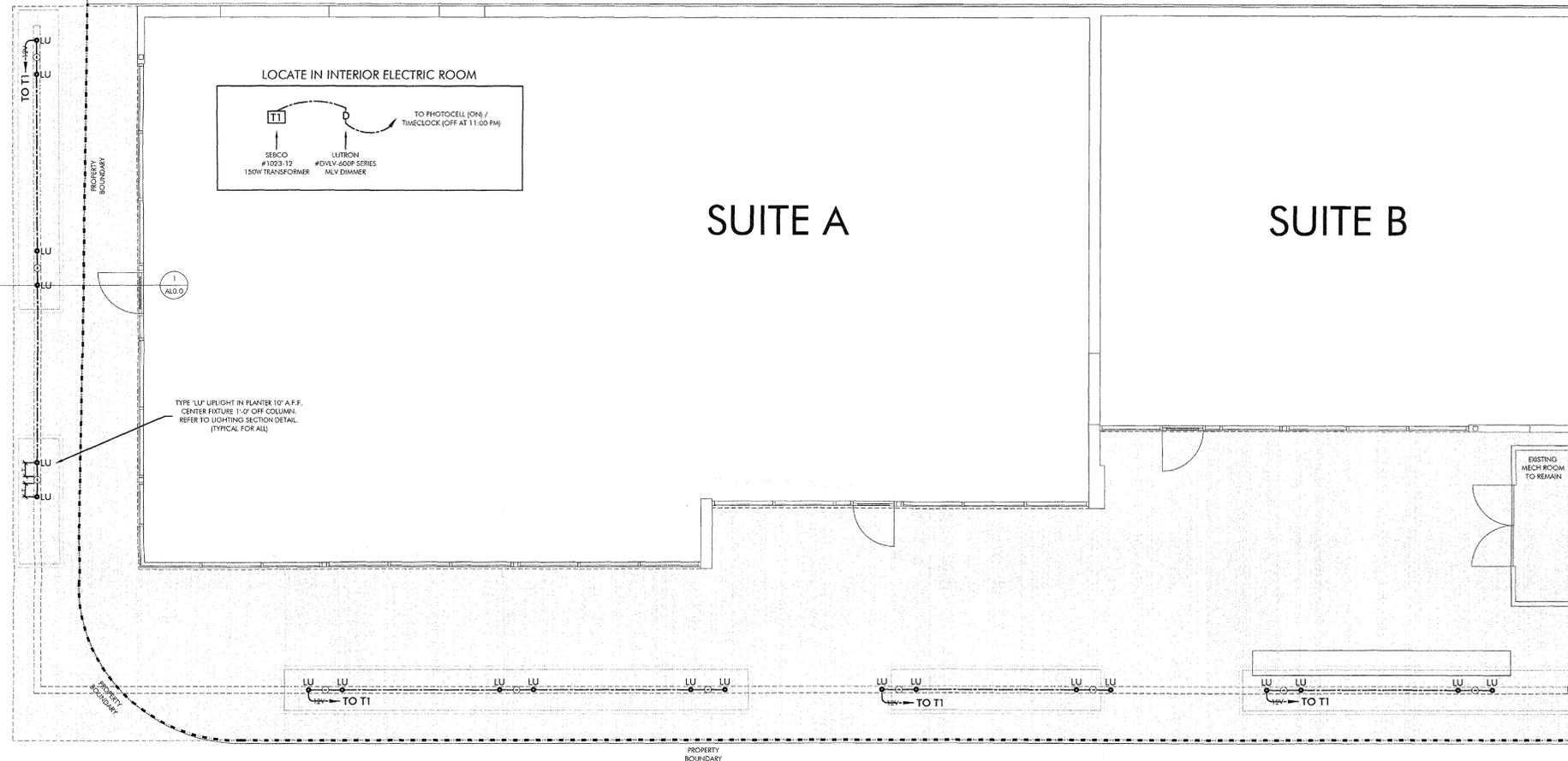
ADJACENT
PROPERTY



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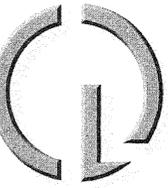
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PROPERTY



SUITE A

SUITE B

ADJACENT
PROPERTY



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DATE

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SCALE

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PROJECT NUMBER

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JG

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MM

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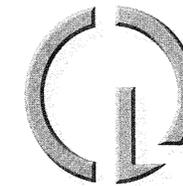
LOWER LIGHTING
PLAN

SHEET NUMBER

AL1

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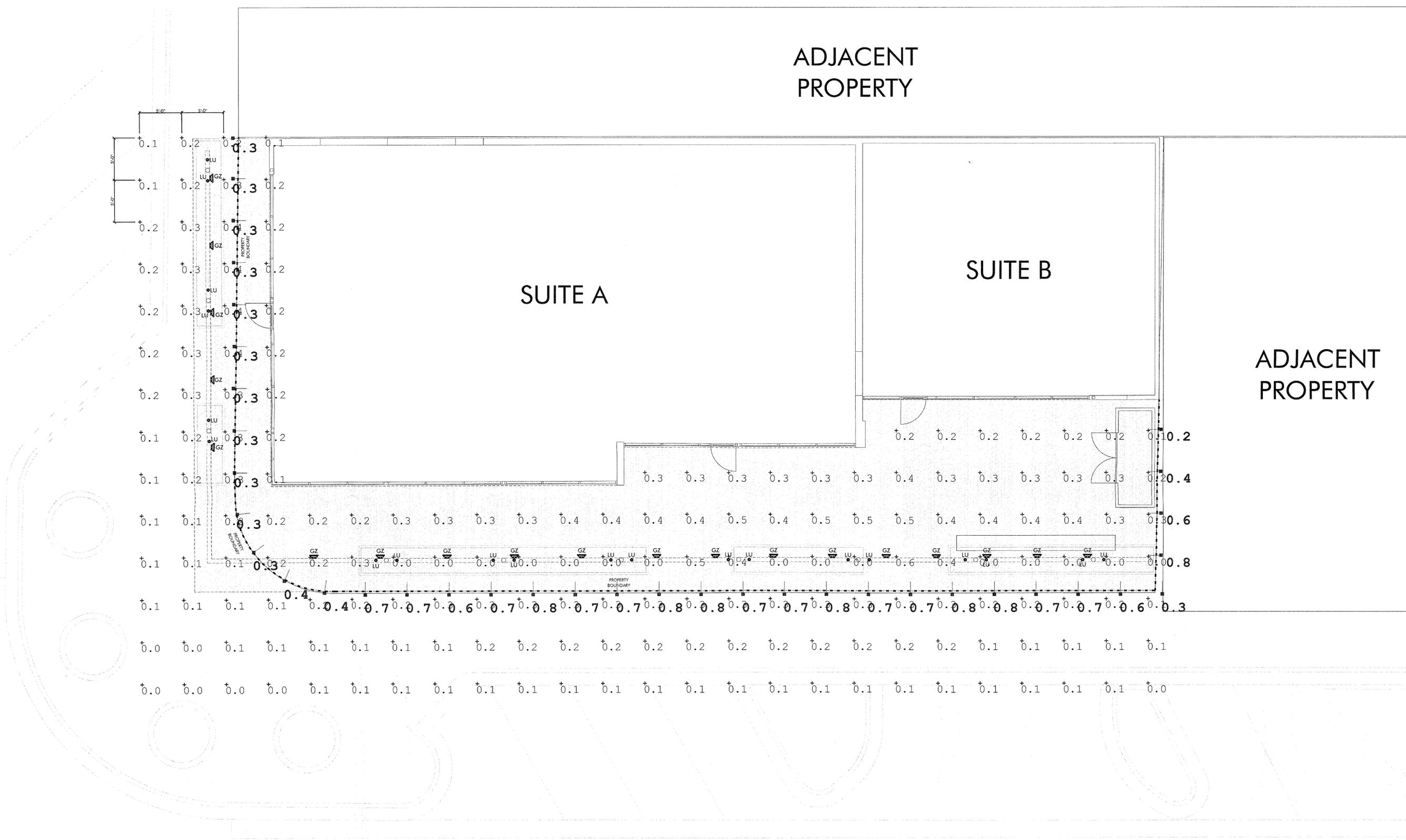
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ADJACENT
PROPERTY

ADJACENT
PROPERTY

SUITE A

SUITE B



CALCULATION SUMMARY TABLE

POINT	LABEL	AVG	MAX	MIN
+0.0	HORIZONTAL ILLUM. @ GRADE	0.20 FC	0.60 FC	0 FC
-0.0	VERTICAL ILLUM. @ 6 FT A.F.F.	0.61 FC	0.80 FC	0.20 FC

* ZONE: E-4 URBAN/PEDESTRIAN ACTIVITY AREA

FIXTURE SCHEDULE

SYMBOL	ABBRV.	MANUF. CATALOG NO.	WATTS	LUMENS	CCT	HEIGHT	LLF UTILIZED
	GZ	LNEA-COLD-OPTQ / LNFC10 / LNEGS1	LED 12W	772	3500K	10'-8" A.F.F.	1.0
	LU	613-50MR16-12-NBR / LBB / LVR / MR16-4-2700-30	LED 4W	325	2700K	0'-10" A.F.F.	1.0

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PHOTOMETRIC
LIGHTING PLAN

SHEET NUMBER

AL3





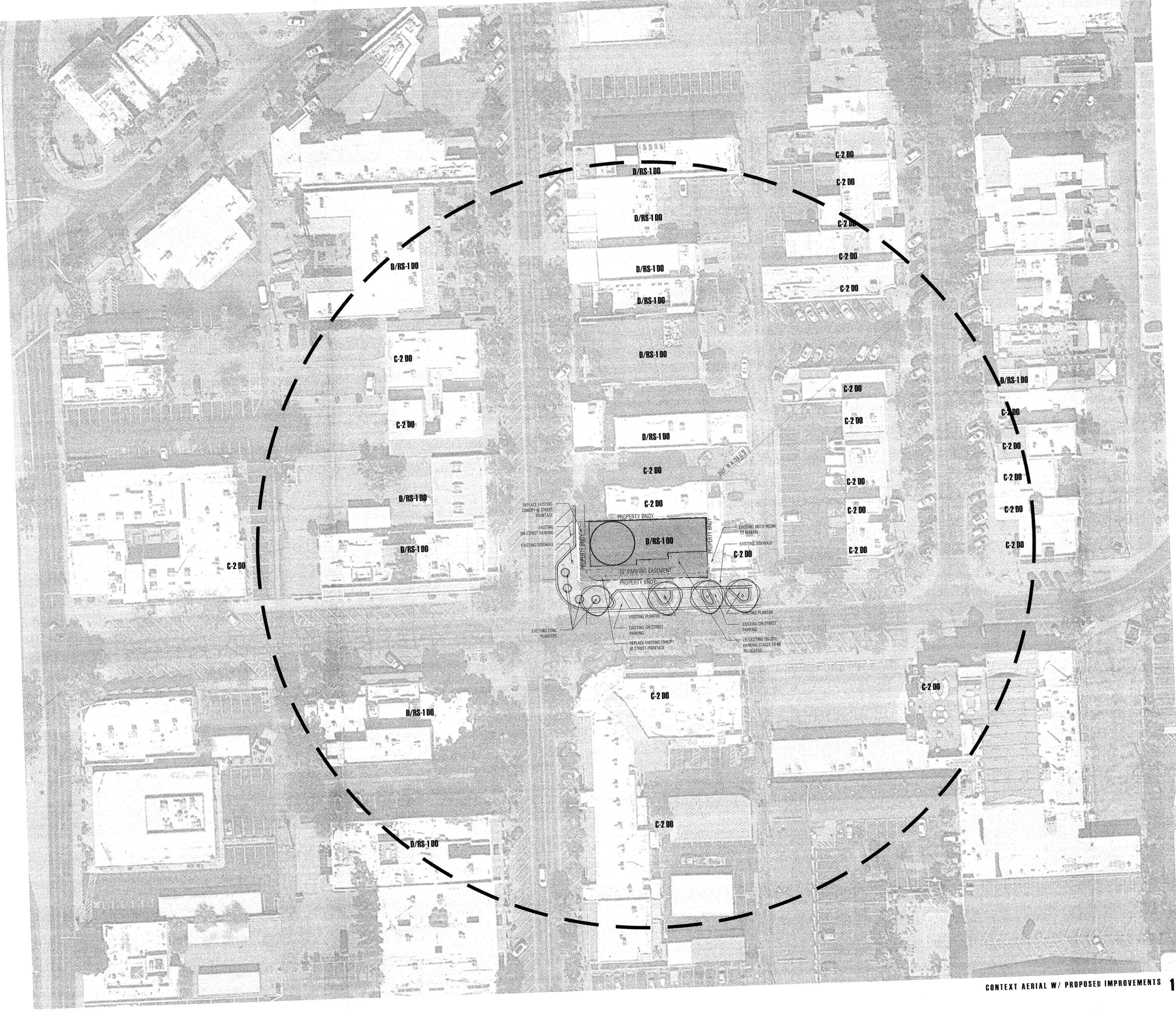
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BENTLEY RENOVATION

4163 north marshall way
scottsdale, arizona 85251

architect:
CHEN - SUCHART STUDIO

7070 east third avenue
scottsdale, arizona 85251
mobile : 480.332.1704 (tommy)
mobile : 480.332.1706 (patricia)
email : thameart@chensuchartstudio.com



CONTEXT AERIAL W/ PROPOSED IMPROVEMENTS 1

context aerial
site improvements
scale : 1/32" = 1'-0"
DRB CONTEXT
design review board submittal
30 march 2019

