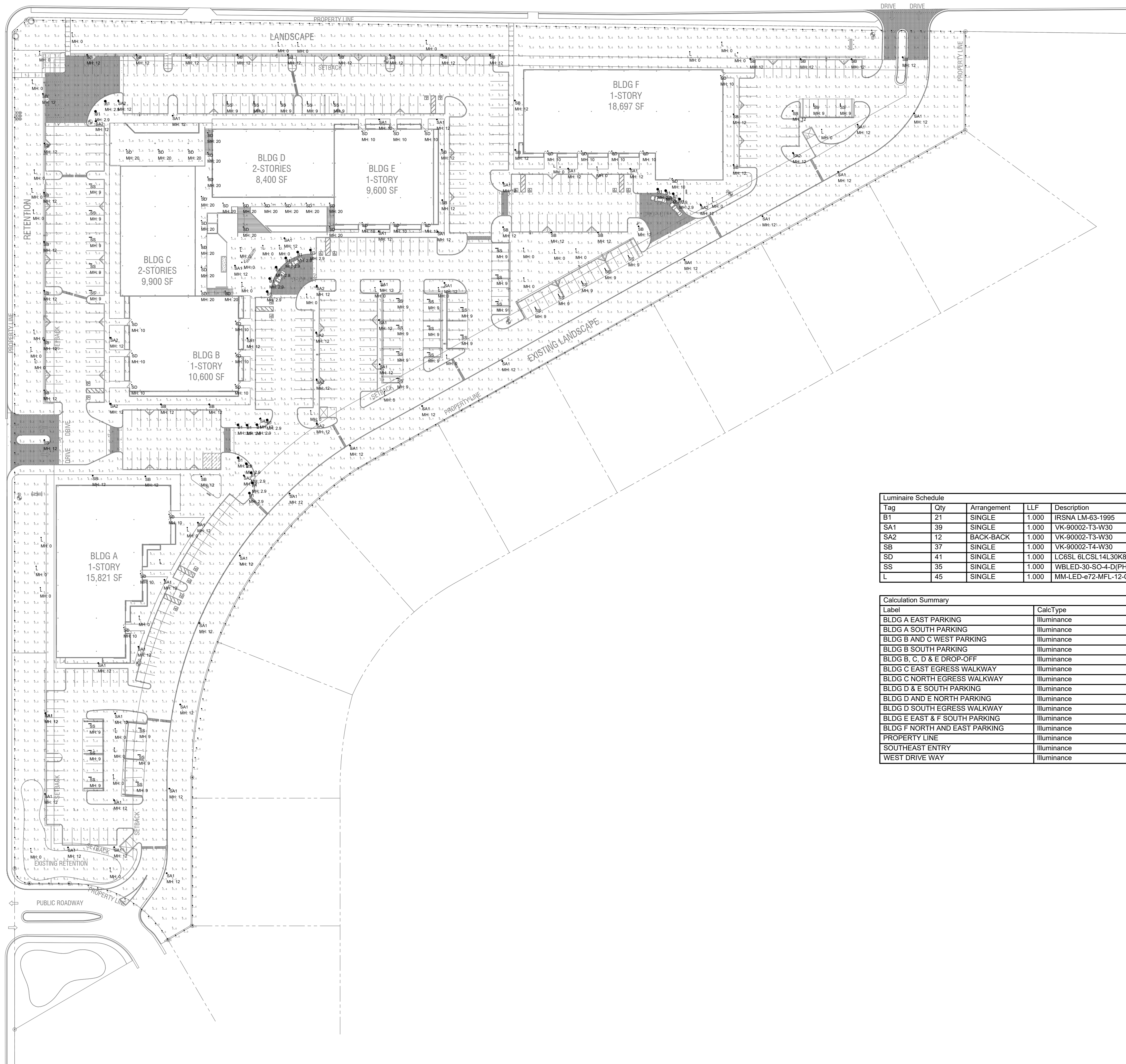




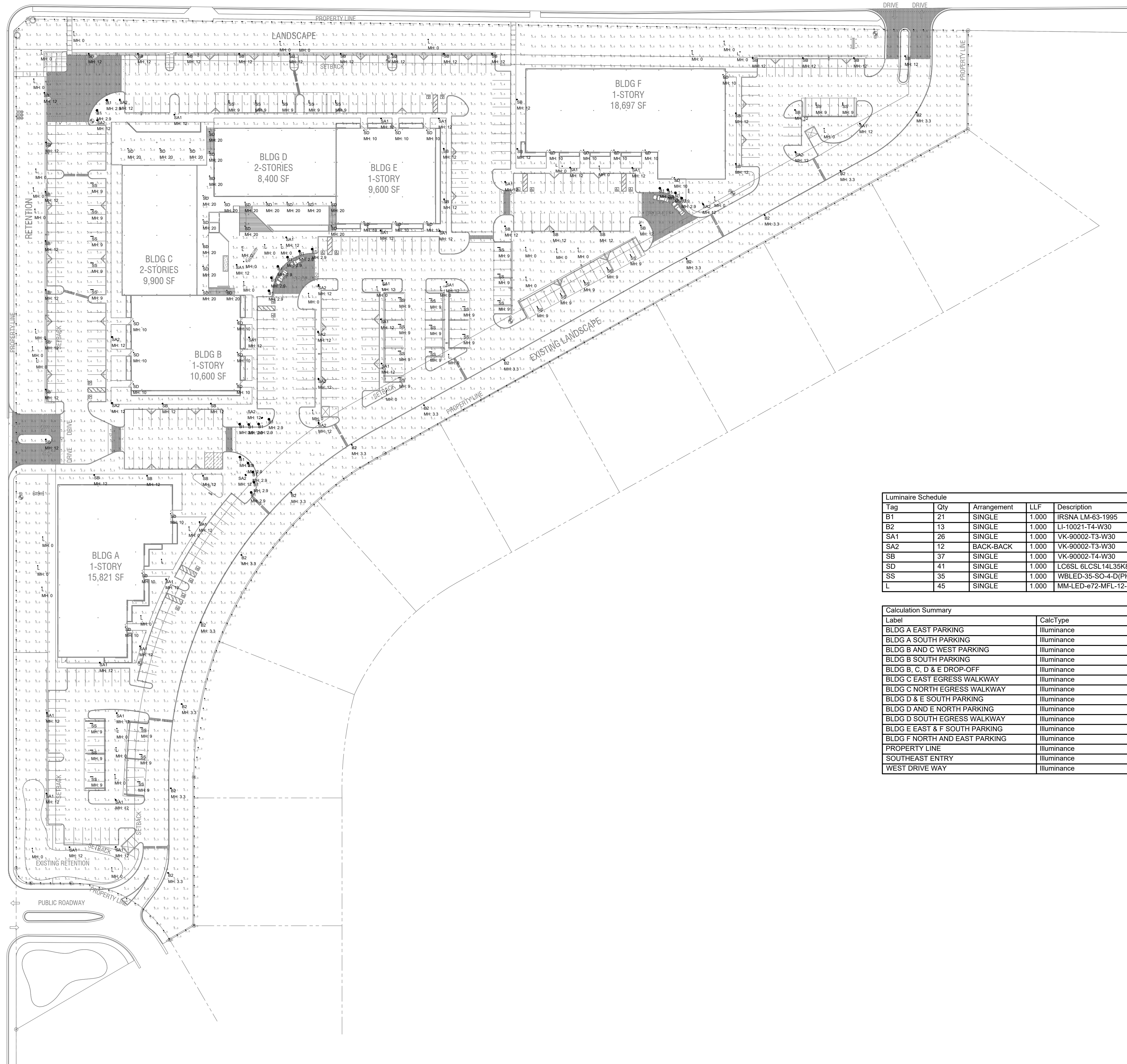
NOTE:

IF POLES LIGHT FIXTURE HEIGHTS LESS THAN 12' ARE USED WE
CREATE HOT SPOTS THAT EXCEED THE PARADISE VALLEY
MAXIMUM OF 16' AVERAGE FOOT CANDLE REQUIREMENT FOR
PARKING LOTS. (REFER TO SECTION 2 OF THE PARADISE
VALLEY ZONING ORDINANCE, SPECIAL USE PERMIT
GUIDELINES).

THE ILLUMINATION ENGINEERING SOCIETY (IES) OF AMERICA
HAS A 0.3 FOOT CANDLE MINIMUM LEVEL FOR SECURITY AND 0.5
FOOT CANDLES MINIMUM FOR ADVANCED LEVELS OF SECURITY.
THE ILLUMINATION ENGINEERING SOCIETY (IES) LIGHTING
HANDBOOK, THE CURRENT DESIGN FOR THIS PROJECT IS TO
HAVE 0.3 FOOT CANDLE MINIMUM STANDARD.

Luminaire Schedule							
Tag	Qty	Arrangement	LLF	Description	Mounting Height Above Finished Grade	Lum. Lumens	Color Temp.
B1	21	SINGLE	1.000	IRSNA LM-63-1995	2'-11"	728	3000 k
SA1	39	SINGLE	1.000	VK-90002-T3-W30	12'	4150	3000 k
SA2	12	BACK-BACK	1.000	VK-90002-T3-W30	12'	4150	3000 k
SB	37	SINGLE	1.000	VK-90002-T4-W30	12'	4221	3000 k
SD	41	SINGLE	1.000	LC6SL 6LCSL14L3K08	SEE PLANS	1490	3000 k
SS	35	SINGLE	1.000	WBLED-30-SO-4-D(PHIL54)	9'	1984	3000 k
LS	45	SINGLE	1.000	MM-LED-e72-MFL-12-C	0' - GROUND MOUNTED	176	3000 k

Calculation Summary					
Label	CalcType	Units	Avg	Max	Min
BLDG A EAST PARKING	illumiance	Fc	1.27	9.4	0.0
BLDG A SOUTH PARKING	illumiance	Fc	1.07	8.8	0.0
BLDG B AND C WEST PARKING	illumiance	Fc	1.59	9.2	0.1
BLDG B SOUTH PARKING	illumiance	Fc	1.58	8.1	0.1
BLDG B, C, D & E DROP-OFF	illumiance	Fc	2.20	11.7	0.4
BLDG C EAST EGRESS WALKWAY	illumiance	Fc	4.80	10.3	1.0
BLDG C NORTH EGRESS WALKWAY	illumiance	Fc	1.83	3.7	0.7
BLDG D & E SOUTH PARKING	illumiance	Fc	1.59	11.2	0.0
BLDG D AND E NORTH PARKING	illumiance	Fc	1.57	12.9	0.0
BLDG D SOUTH EGRESS WALKWAY	illumiance	Fc	4.84	9.8	1.5
BLDG E EAST & F SOUTH PARKING	illumiance	Fc	1.58	11.8	0.0
BLDG F NORTH AND EAST PARKING	illumiance	Fc	1.21	10.8	0.0
PROPERTY LINE	illumiance	Fc	0.02	0.2	0.0
SOUTHEAST ENTRY	illumiance	Fc	2.97	13.2	0.3
WEST DRIVE WAY	illumiance	Fc	1.43	9.9	0.0



NOTE:
IF POLES LIGHT FIXTURE HEIGHTS LESS THAN 12' ARE USED WE
CREATE HOT SPOTS THAT EXCEED THE PARADISE VALLEY
MAXIMUM OF 1.6 AVERAGE FOOT CANDLE REQUIREMENT FOR
PARKING LOTS. (REFER TO SECTION 2 OF THE PARADISE
VALLEY ZONING ORDINANCE, SPECIAL USE PERMIT
GUIDELINES).
THE ILLUMINATION ENGINEERING SOCIETY (IES) OF AMERICA
HAS A 0.3 FOOT CANDLE MINIMUM LEVEL FOR SECURITY AND 0.5
FOOT CANDLES MINIMUM FOR ADVANCED LEVELS OF SECURITY.
(REFER TO APPLICATIONS SECTION 26 OF THE IES LIGHTING
HANDBOOK). THE CURRENT DESIGN FOR THIS PROJECT IS TO
HAVE 0.3 FOOT CANDLE MINIMUM STANDARD.

Luminaire Schedule						
Tag	Qty	Arrangement	LLF	Description	Mounting Height Above Finished Grade	Lum. Lumens Color Temp.
B1	21	SINGLE	1.000	IRSNA LM-63-1995	2'-11"	728 3000 k
B2	13	SINGLE	1.000	LI-10021-T4-W30	3'-4"	2232 3000 k
SA1	26	SINGLE	1.000	VK-90002-T3-W30	12'	4150 3000 k
SA2	12	BACK-BACK	1.000	VK-90002-T3-W30	12'	4150 3000 k
SB	37	SINGLE	1.000	VK-90002-T4-W30	12'	4221 3000 k
SD	41	SINGLE	1.000	LC6SL 6LCSL14L35K8	SEE PLANS	1490 3000 k
SS	35	SINGLE	1.000	WBLED-35-SO-4-D(PHIL54)	9'	1984 3000 k
L	45	SINGLE	1.000	MM-LED-672-MFL-12-C	0' - GROUND MOUNTED	176 3000 k

Calculation Summary					
Label	CalcType	Units	Avg	Max	Min
BLDG A EAST PARKING	illuminance	Fc	1.27	47.6	0.0
BLDG A SOUTH PARKING	illuminance	Fc	0.91	9.4	0.0
BLDG B AND C WEST PARKING	illuminance	Fc	1.59	9.2	0.1
BLDG B SOUTH PARKING	illuminance	Fc	1.57	8.1	0.1
BLDG B, C, D & E DROP-OFF	illuminance	Fc	2.20	11.7	0.4
BLDG C EAST EGRESS WALKWAY	illuminance	Fc	4.80	10.3	1.0
BLDG C NORTH EGRESS WALKWAY	illuminance	Fc	1.83	3.7	0.7
BLDG D & E SOUTH PARKING	illuminance	Fc	1.47	16.9	0.0
BLDG D AND E NORTH PARKING	illuminance	Fc	1.57	12.9	0.0
BLDG D SOUTH EGRESS WALKWAY	illuminance	Fc	4.84	9.8	1.5
BLDG E EAST & F SOUTH PARKING	illuminance	Fc	1.51	11.8	0.0
BLDG F NORTH AND EAST PARKING	illuminance	Fc	1.06	10.8	0.0
PROPERTY LINE	illuminance	Fc	0.02	0.1	0.0
SOUTHEAST ENTRY	illuminance	Fc	2.94	13.2	0.2
WEST DRIVE WAY	illuminance	Fc	1.43	9.9	0.0

mountain view medical center, LLC
**Mountain View Medical
Center Redevelopment**
10555,10565,10575,10585,10595,10599 N. Tatum Blvd ,
Paradise Valley, Arizona 85253

CLIENT CONTACT

mountain view medical center, LLC
3345 N. 14th St.
Phoenix, AZ 85018

PROJECT NO. **2018_041**
DATE OF ISSUE **04.16.2019**

REVISION NO. **1**
09.26.2018
2
11.01.2018
3
01.22.2019
4
02.19.2019
5
03.19.2019
6
04.08.2019

PROJECT TEAM **John Cantrell**
DRAWN BY **BD**

PROJECT PHASE
SUP major amendment
Review #4

SHEET CONTENTS

photometric site plan
option #2

SHEET NO.

E-1.2

2929 n central ave
eleventh floor
phoenix arizona 85012

602.257.1764 t
602.257.9029 f

www.owp.com



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ENGINEERS**

5345 N. 16TH STREET, SUITE 460
PHOENIX, AZ 85016
TEL 602.336.5200 FAX 602.336.5201
WWW.HENDERSONENGINEERS.COM

1850003561
AZ CORPORATE NUMBER: 10470-0
EXPIRES 06/30/19

1 LUMINAIRE TYPE "SA1/SA2"
NTS

2 LUMINAIRE TYPE "SB"
NTS

3 LUMINAIRE TYPE "SD"

4 LUMINAIRE TYPE "SS" NTS

3 LUMINAIRE TYPE "B2"
NTS

ULI-10021

Light Linear PT 1 Single Head Bollard

microVos

TECHNOLOGY

Ligman

LIGHTING USA

Beam Options

Type II Distribution

Type III Distribution

Type IV Distribution

PROJECT

DATE

QUANTITY

TYPE

NOTE

ORDERING EXAMPLE || ULI - 10021 - 29w - T2 - W30 - 02 - 120/277v - Options

LAMP

BEAM

LED COLOR

FINISH COLOR

VOLTAGE

TYPE II

T2 - Type II Distribution - 3428lm

15' - Type II Distribution - 2406lm

15' Type IV Distribution - 1446lm

W27 - 2700K

W30 - 3000K

W35 - 3500K

W40 - 4000K

01 - BLACK RAL 9011

02 - DARK GRAY RAL 7043

03 - WHITE RAL 9003

04 - METALLIC SILVER RAL 9006

05 - MATTE SILVER RAL 9006

06 - LIGMAN BRONZE

07 - CUSTOM RAL

02725

Other: Specify

NAT - Natatorium Rated

F - Frosted Lens

CFCL - CFCL Box

DM - 0-10V Dimming

AMB - Turtle Friendly Amber LED

H21 - Custom Ballard Height

H55 - House Side Shield

S8 - Security Ballard

EMC - Emergency Pack

ASSEMBLY OPTIONS

LAZER CUD LETTERING

Custom laser cut in conjunction with security ballard

RCBW - Color Changing RCBW

SC - Static Color (Choose Color e.g Red, Blue etc.)

WORDS FRONT

WORDS BACK

CONSULT FACTORY FOR CUSTOM DESIGNS, LOGOS AND OTHER SPECIAL REQUIREMENTS

FACTORY DRAWINGS WILL BE PROVIDED PRIOR TO PRODUCTION

Light Linear Product Family

ULI-10001

ULI-10022

ULI-10031

ULI-2071

ULI-2181

ULI-2121

ULI-2221

THE NE Progress Court

Hillsboro, Oregon 97124

T: 503.645.0050 F: 503.645.1800

ULI-10001

ULI-10022

ULI-10031

ULI-2071

ULI-2181

ULI-2121

ULI-2221

ULI-10001

ULI-10022

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ULI-2071

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3 LUMINAIRE TYPE "B2"
NTS