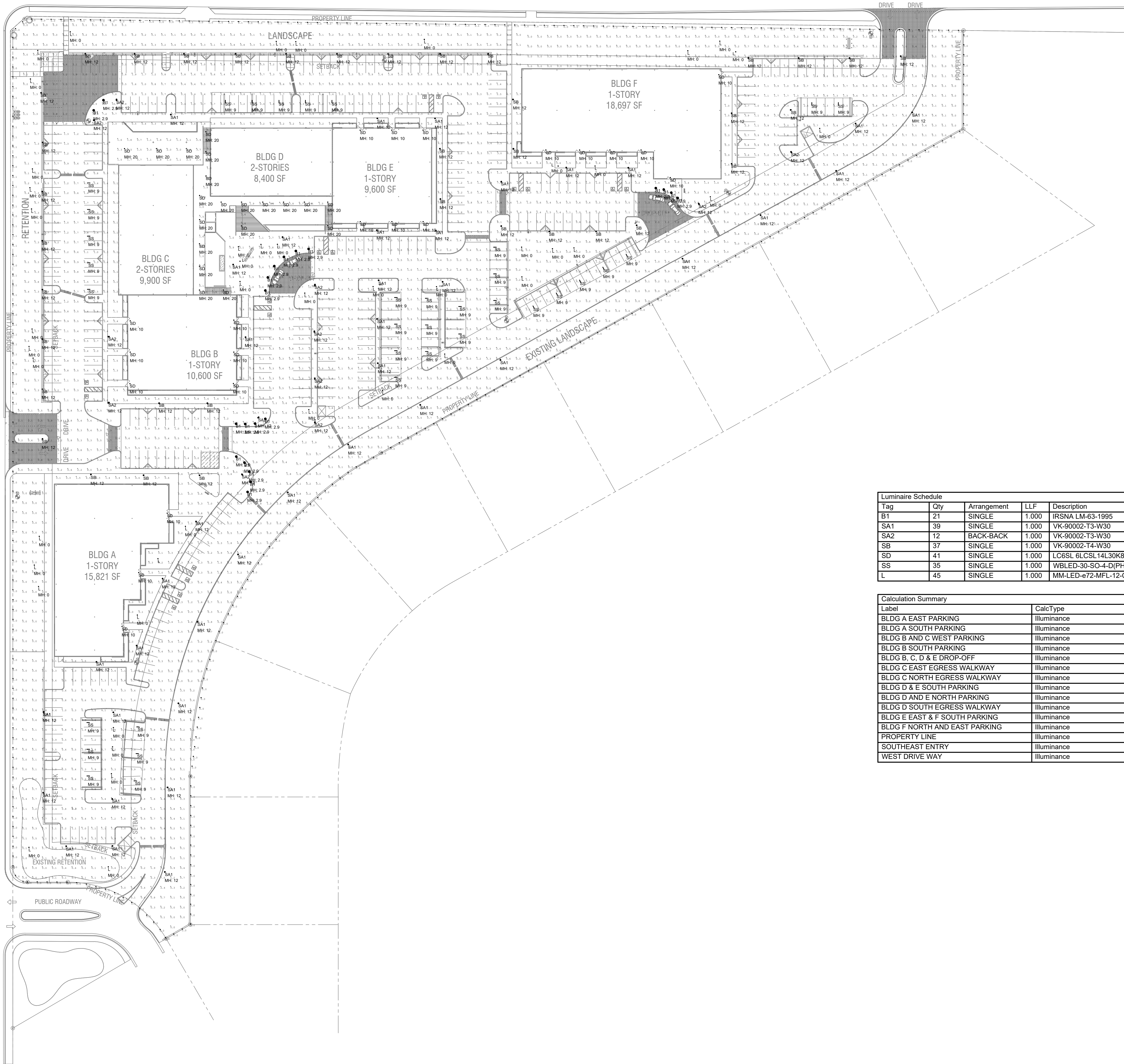


TATUM BOULEVARD

SHEA BOULEVARD



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
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 6LCSL14L30K8	SEE PLANS	1490 3000 k
SS	35	SINGLE	1.000	WBLED-30-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	9.4	0.0
BLDG A SOUTH PARKING	Illuminance	Fc	1.07	8.8	0.0
BLDG B AND C WEST PARKING	Illuminance	Fc	1.59	9.2	0.1
BLDG B SOUTH PARKING	Illuminance	Fc	1.58	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	1.59	11.2	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	1.58	11.8	0.0
BLDG F NORTH AND EAST PARKING	Illuminance	Fc	1.21	10.8	0.0
PROPERTY LINE	Illuminance	Fc	0.02	0.2	0.0
SOUTHEAST ENTRY	Illuminance	Fc	2.97	13.2	0.3
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
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PROJECT NO. 2018_041
DATE OF ISSUE 04.16.2019

REVISION NO.	DATE
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 #1

SHEET NO.

E-1.1

2929 n central ave
eleventh floor
phoenix arizona 85012

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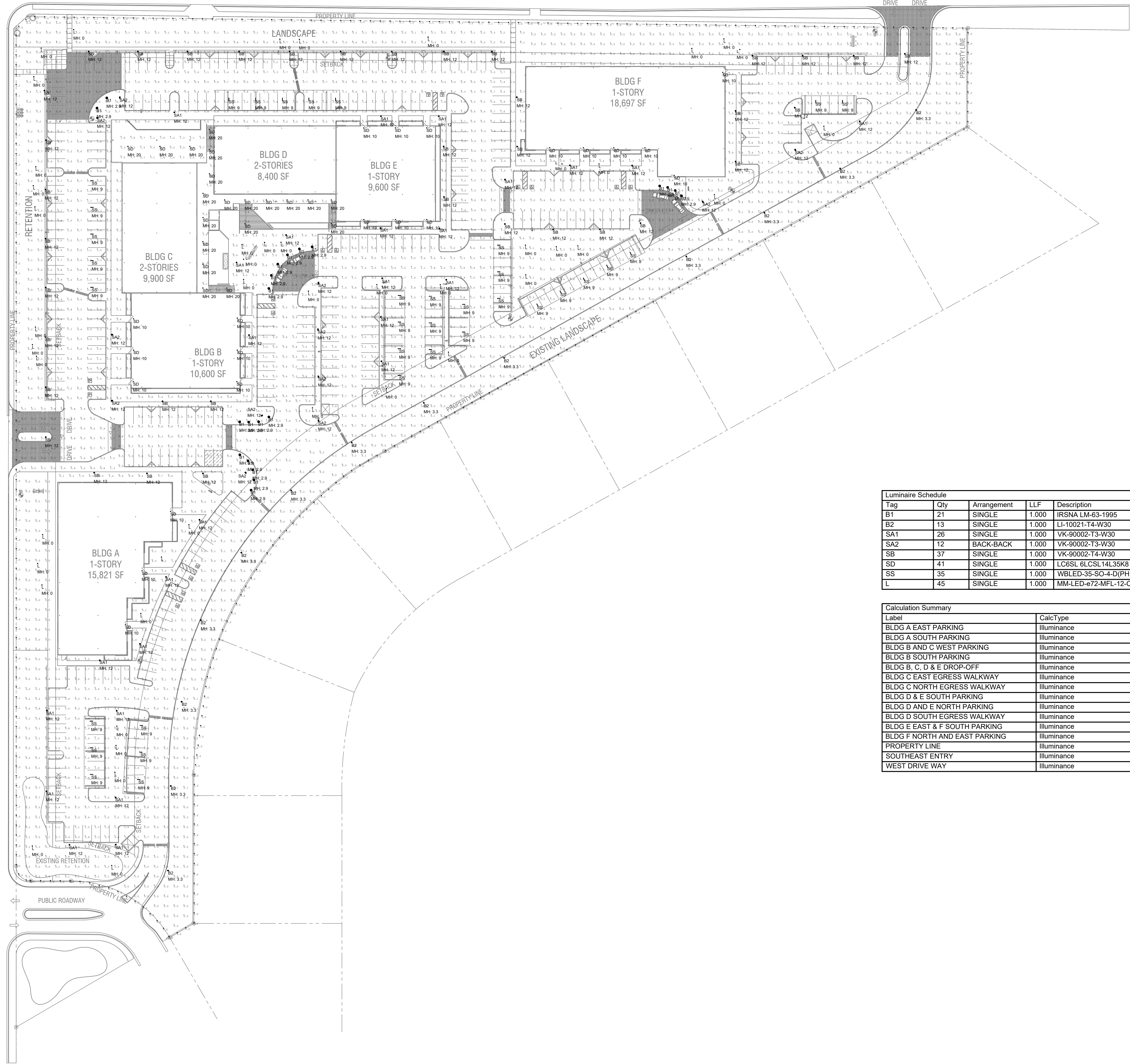


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HENDERSON ENGINEERS
5343 N. 16TH STREET, SUITE 460
PHOENIX, AZ 85016
TEL 602.336.5200 FAX 602.336.5201
WWW.HENDERSONENGINEERS.COM
1850003561
AZ CORPORATE NUMBER: 10470-0
EXPIRES 06/30/19

TATUM BOULEVARD

SHEA BOULEVARD



NOTE:
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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

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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

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EXPIRES 06/30/19

1 LUMINAIRE TYPE "SA1/SA2"
NTS

2 LUMINAIRE TYPE "SB"
NTS

3 LUMINAIRE TYPE "SD"

4 LUMINAIRE TYPE "SS" NTS

E-1.3

