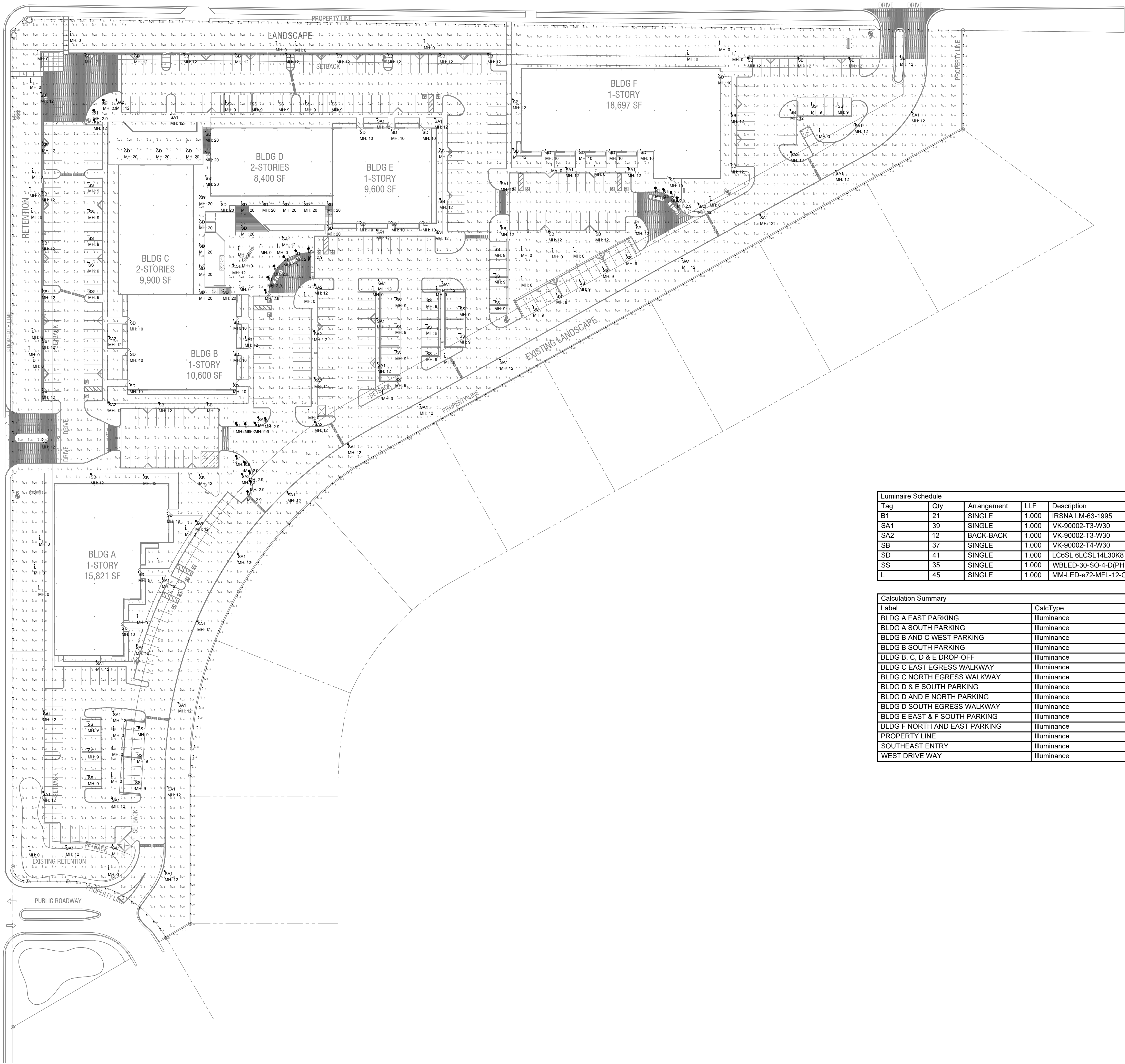


TATUM BOULEVARD

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

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1444 N. 14th St  
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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

orcutt winslow

2929 n central ave  
eleventh floor  
phoenix arizona 85012

602.257.1764 t  
602.257.9029 f  
www.owp.com

REGISTERED ARCHITECT  
NOT FOR CONSTRUCTION  
ARIZONA, U.S.A.

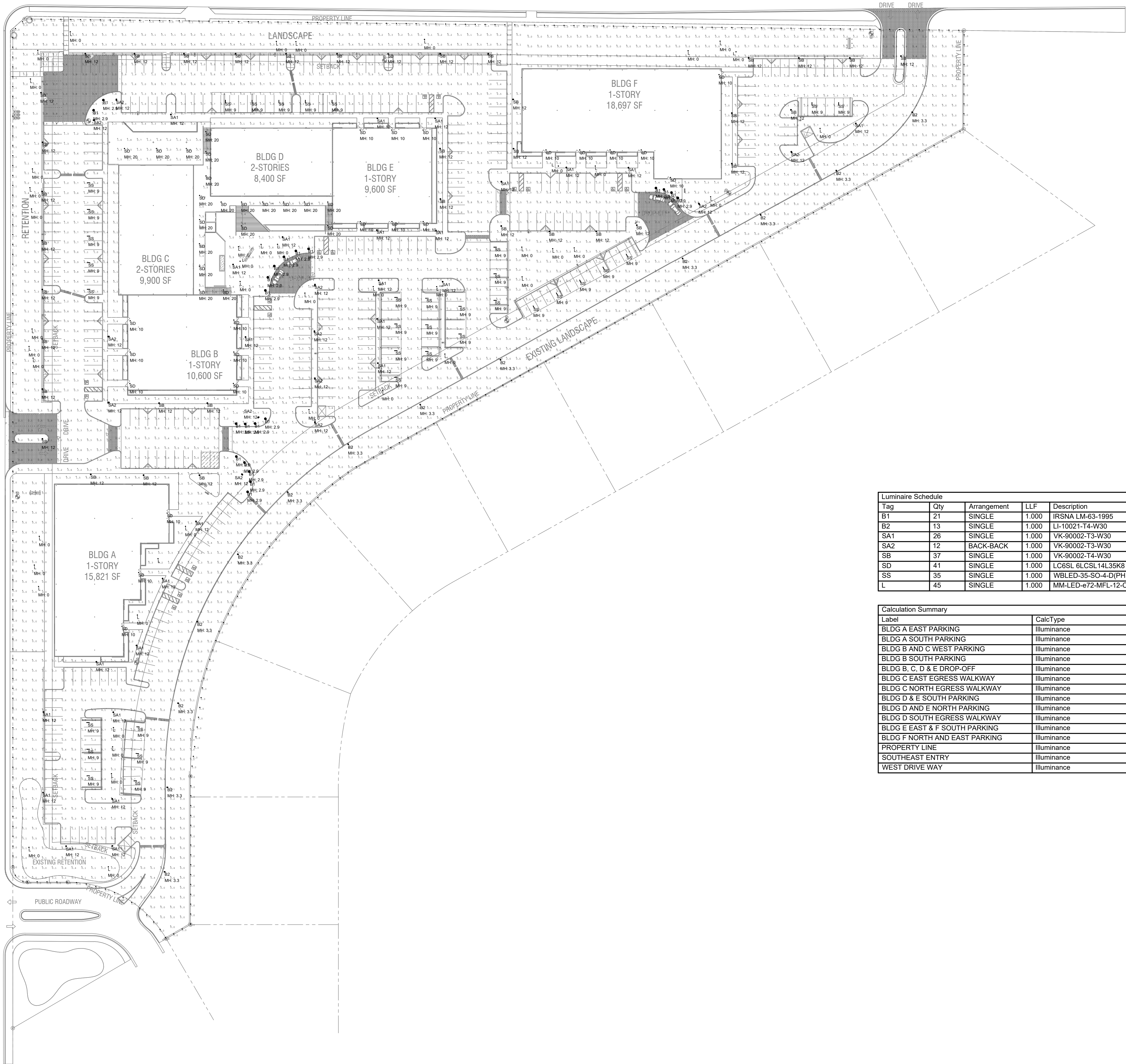
HENDERSON ENGINEERS

5343 N. 16TH STREET, SUITE 460  
PHOENIX, AZ 85016  
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WWW.HENDERSONENGINEERS.COM

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

TATUM BOULEVARD

SHEA BOULEVARD



NOTE:  
IF POLES LIGHT FIXTURE HEIGHTS LESS THAN 12' ARE USED WE  
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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 |

mountain view medical center, LLC  
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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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eleventh floor  
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AZ CORPORATE NUMBER: 10470-0  
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1 LUMINAIRE TYPE "SA1/SA2"  
NTS

---

2 LUMINAIRE TYPE "SB"  
NTS

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### 3 LUMINAIRE TYPE "SD"

#### 4 LUMINAIRE TYPE "SS" NTS

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## E-1.3

