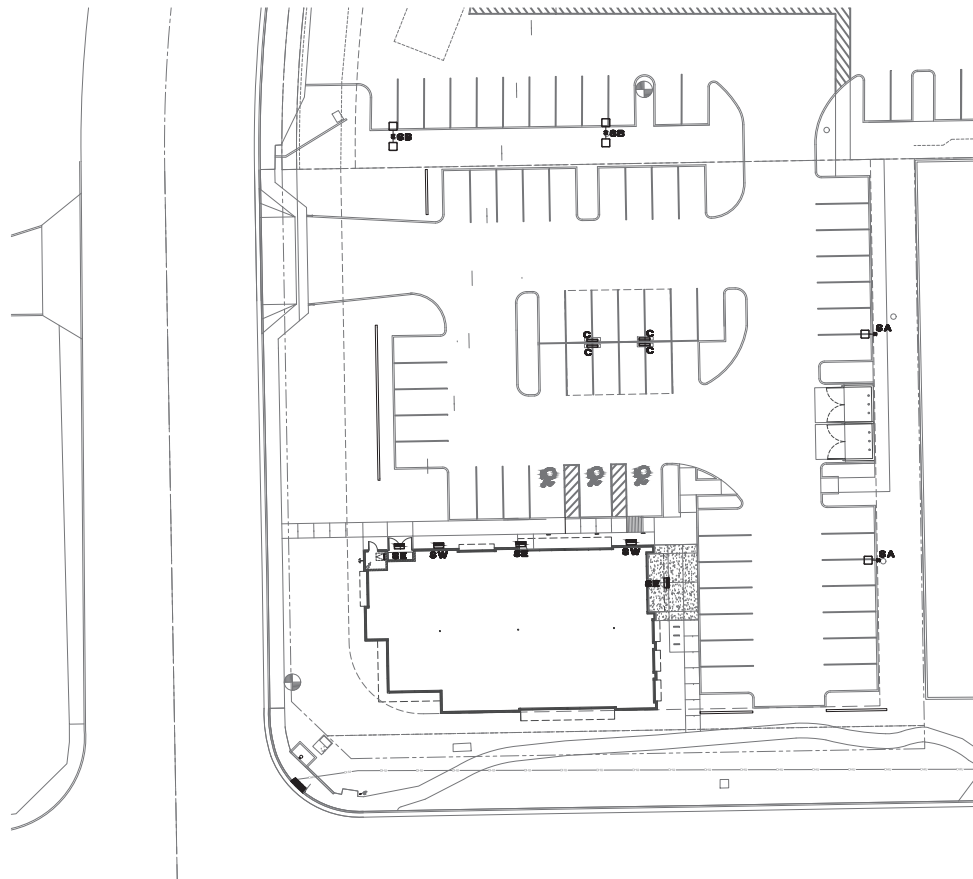




ELECTRICAL SITE LIGHTING PLAN

SCALE: 1" = 20'-0"



DESIGN CODES
MECC. 2018 MECC. 2017

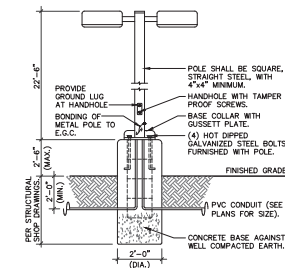
ELECTRICAL CONTRACTOR SHALL NOTIFY
DESIGNER/ENGINEER PRIOR TO ANY DEVIATION
FROM THIS SET OF ELECTRICAL DESIGN PLANS.
ANY CHANGES TO THE DESIGN, IF APPROVED
BY ENGINEER, WILL INCLUDE REVISIONS TO
PLANS AND POSSIBLE ADDITIONAL SERVICE
FEES.

Project Consultant: SCOTT, ADKINS
Inch 1/2/2018

HAWKINS DESIGN GROUP INC.
ELECTRICAL CONSULTING ENGINEERS
100 WEST MARSH ROAD
SUITE 100
CHANDLER, ARIZONA 85226
PH: 480.550.1100
FAX: 480.550.1101
EMAIL: info@hawkinsdesign.com

IF DRAWING IS NOT PLOTTED AT A SMOKE THEY ARE NOT FULL SIZE

POLE MOUNTED FIXTURE DETAIL



FIXTURE TYPE 'SA', 'SB'

THE POLE CONCRETE BASE DETAIL IS SHOWN FOR ELECTRICAL PURPOSES AND SHALL NOT BE USED FOR THE ACTUAL BASE CONSTRUCTION. POLE BASE SHALL BE DESIGNED BY A REGISTERED STRUCTURAL PROFESSIONAL, ENGINEER AND CONSTRUCTED PER STRUCTURAL ENGINEERS SEALED CONSTRUCTION DOCUMENT.

NOTE: ELECTRICAL CONTRACTOR SHALL BOND METAL POLE PER NEC 410.300(X)(5) AS SHOWN IN DETAIL.

LUMINAIRE SCHEDULE

- PROVIDE 90 MINUTE EMERGENCY BATTERY BACK-UP FOR ALL EMERGENCY FIXTURES. SEE SCHEDULE BELOW FOR SPECIFICATIONS AND LUMEN REQUIREMENTS.
- MODULAR WIRING SYSTEM FOR LIGHT FIXTURES IS AN ACCEPTABLE ALTERNATE.
- BASE BID FOR LUMINAIRES SHALL BE BASED ON MANUFACTURERS LISTED IN CONTRACT DOCUMENTS. UPON AWARD OF PROJECT, ALTERNATES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED WITH WRITTEN CORRECTION, ADDITIONAL & AN INCREASED ADJUST TO BASE BID.
- ALTERNATE FIXTURE SELECTIONS MAY REQUIRE ADDITIONAL TIME FOR SUBMITTAL REVIEW & POSSIBLE ENGINEERING DESIGN CHANGES, TO BE BILLED TO THE CONTRACTOR.
- PROVIDE MINIMUM 10 MINUTE TIME DELAY ON EMERGENCY FIXTURES WHEN HD AREA LIGHTING IS USED.

MARK	MANUFACTURER MODEL NUMBER	VOLTS	LAMP'S CIRCUIT INPUT WATTS	REMARKS/MOUNTING
C	COLUMBIA LIGHTING J35M-40LM-IFA-ED	120V	LED 133.2 WATTS	CARRYOVER LIGHT FIXTURE WITH INTEGRAL PHOTOCELL/MOTION SENSOR
SA	US ARCHITECTURE L300-FLSD-1V-PT- 801ED-12.5W-100	120V	LED 130 WATTS	SINGLE HEAD POLE LIGHTING FIXTURE WITH INTEGRAL PHOTOCELL/MOTION SENSOR
SB	US ARCHITECTURE L300-FLSD-1V-PT- 801ED-12.5W-100	120V	LED 260 WATTS	DUAL HEAD ON EXISTING POLE FIXTURE WITH INTEGRAL PHOTOCELL/MOTION SENSOR
SE	DUAL-LITE C500-AC	120V	LED 49.2 WATTS	EXTERIOR WALL MOUNTED FIXTURE WITH INTEGRAL PHOTOCELL/MOTION SENSOR
SW	HUBBELL OUTDOOR RHL-14L-40 4K7-4W-U	120V	LED 49.2 WATTS	EXTERIOR WALL MOUNTED FIXTURE WITH INTEGRAL PHOTOCELL/MOTION SENSOR

NOTE:
IN LIEU OF DIMMING LIGHTING CONTROL PANEL, LIGHT FIXTURES ARE
EQUIPPED WITH INTEGRAL PHOTOCELL/MOTION SENSOR, STEP DIM BY NO
LESS THAN 50% WHEN NO MOTION IS DETECTED FOR MORE THAN 10
MINUTES. EXTERIOR LIGHTING TO COMPLY WITH EEC 2018 C405.2. EXTERIOR
LIGHTING CONTROLS.



2039 E RICE DR., TEMPE
AZ, 85283
480-589-3793
VINCE@DALKEDESIGNGROUP.COM



BAYWOOD MEDICAL
COLLABORATIVE II at
363 S 63RD ST
MESA, AZ 85205

NUMBER REVISION DATE

SEAL

PRELIMINARY
NOT FOR
CONSTRUCTION

SHEET TITLE

ISSUE DATE

DRAWN

CHECKED BY

PROJECT NUMBER

DRAWING NO.

DR1.0

REV

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site Blank	Blank	FC	1.34	6.6	0.0	N/A	N/A



DALKE
DESIGN
GROUP

VINCE@DAI KEDESIGNGROUP.COM



**BAYWOOD MEDICAL
COLLABORATIVE II at**

NUMBER	REVISION	DATE
--------	----------	------

SEAL

PRELIMINARY
NOT FOR
CONSTRUCTION

SHEET TITLE

ISSUE DATE

DRAWN

CHECKED BY _____

PROJECT NUMBER

DRAWING NO.

DR2.0

REV

SCALE: 1" = 20'-0"



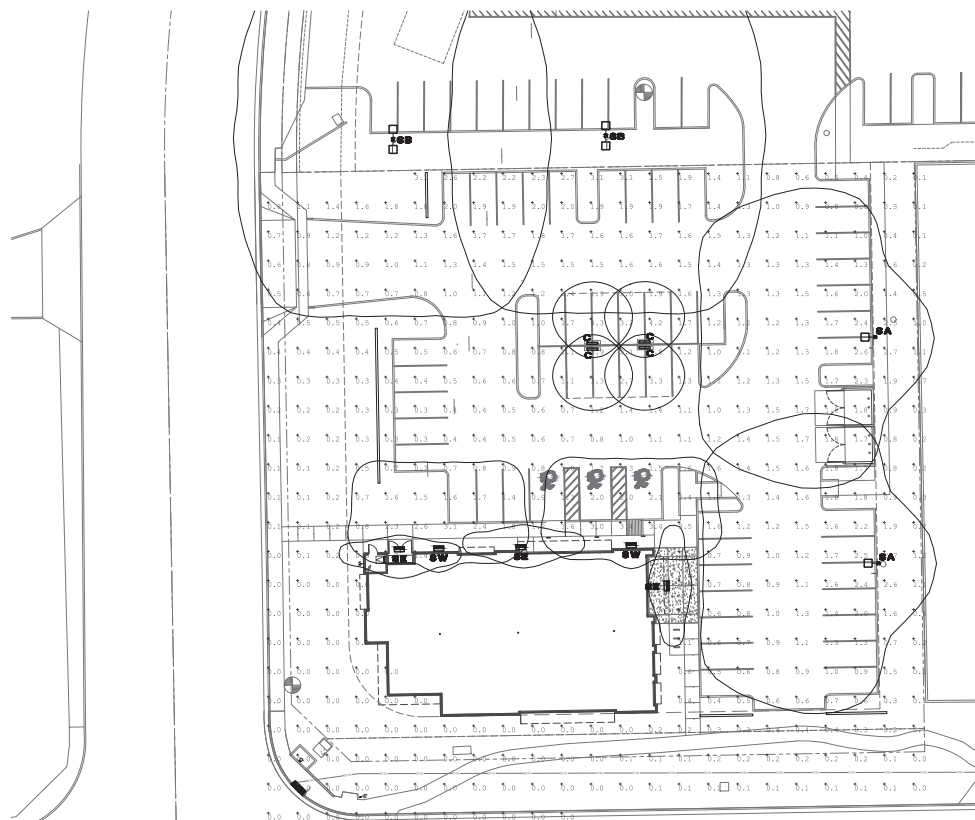
ELECTRICAL CONTRACTOR SHALL NOTIFY DESIGNER/ENGINEER PRIOR TO ANY DEVIATION FROM THIS SET OF ELECTRICAL DESIGN PLANS. ANY CHANGES TO THE DESIGN, IF APPROVED BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE FEE.



IF DRAWING IS NOT PLOTTED AT `osmode` THEY ARE NOT FULL SIZE

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Site: Blumar	Fluorescence	Fm	0.36	4.3	0.0	N.A.	N.A.

NOTE:
IN LIEU OF DIMMING LIGHTING CONTROL PANEL, LIGHT FIXTURES ARE
EQUIPPED WITH INTEGRAL PHOTOCELL/MOTION SENSOR. STEP DIM BY NO
LESS THAN 30% WHEN NO MOTION IS DETECTED FOR MORE THAN 15
MINUTES. EXTERIOR LIGHTING TO COMPLY WITH IECC 2018 C405.2. EXTERIOR
LIGHTING CONTROLS.



SCALE: 1" = 20'-0"



ELECTRICAL CONTRACTOR SHALL NOTIFY DESIGNER/ENGINEER PRIOR TO ANY DEVIATION FROM THIS SET OF ELECTRICAL DESIGN PLANS. ANY CHANGES TO THE DESIGN, IF APPROVED BY ENGINEER, WILL REQUIRE REVISIONS TO PLANS AND POSSIBLE ADDITIONAL SERVICE FEE.



IF DRAWING IS NOT PLOTTED AT `psmode` THEY ARE NOT FULL SIZE



VINCE@DALKEDESIGNGROUP.COM



BAYWOOD MEDICAL
COLLABORATIVE II at

NUMBER	REVISION	DATE
--------	----------	------

SEAL

PRELIMINARY
NOT FOR
CONSTRUCTION

SHEET TITLE

ISSUE DATE

DRAWN

CHECKED BY _____

PROJECT NUMBER

DRAWING NO.

DRAWING NO.

Index

DB3 0

DR3.0

Drugs

REV

