

**Project Information** Energy Code: 2018 IECC Project Title: Mobettahs Lee's Summit, MO Project Type: New Construction Exterior Lighting Zone 2 (Residential mixed use area (LZ2)) Construction Site: Owner/Agent: Designer/Contractor: 520 NW Chipman Rd BABCOCK DESIGN Michael Fackrell **52 EXCHANGE PLACE** Lee's Summit, MO 64086 Spectrum Engineers SALT LAKE CITY, UT 84111 324 S State Street Salt Lake City, UT 84111 801.531.1144 babcockdesign.com 801.328.5151 Allowed Exterior Lighting Power **Allowed Watts** Area/Surface Category Allowed Tradable Watts / Unit Wattage (B X C) Parking area 920 Total Allowed Watts = Total Allowed Supplemental Watts (b) = 400 (a) Wattage tradeoffs are only allowed between tradable areas/surfaces.

**Exterior Lighting Compliance Certificate** 

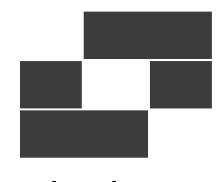
**COM***check* **Software Version 4.1.5.2** 

(b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces **Proposed Exterior Lighting Power** Lamps/ # of Fixture (C X D) Fixture ID: Description / Lamp / Wattage Per Lamp / Ballast Fixture Fixtures Watt. Parking area (23000 ft2): Tradable Wattage LED 1: (TX-1): ROUND 2-DIRECTIONAL WALL MOUNT: Other: LED 2: (CP-1): CANOPY LUMINAIRE: Other: LED 3: (ZX1): DSXO LED P1 40K BLC MVOLT: Other: 125 LED 4: (ZX5): DSXO LED P1 40K T4M MVOLT: Other: 125

xterior Lighting PASSES: Design 0.3% better than code **Exterior Lighting Compliance Statement** 

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Report date: 11/29/21 Page 2 of 7 **RELAY PANEL: R1** (RELAY PANEL TO HAVE INTERNET BASE REMOTE CAPABILITY WITH A SUPPORTED WEB BASE CONTROL INTERFACE WITH ASSOCIATED ANDROID & APPLE APPLICATIONS) CONTROL SCHEDULE JL 1008 RELAY PANE TIME CLOCK BRANCH LOAD LOCATION CIRCUIT CNTL SWITCH OCC SENSOR DESCRIPTION 1 SERVICE AREA KITCHEN MOUNTED BUILDING EXTERIOR BUILDING 2 LIGHTING 3 OPEN / CLOSE SIGN P1-23 4 OPEN / CLOSE SIGN ROOF (SERVES RESTROOMS) | P1-12 6 BUILDING SIGNAGE P1-14 7 SITE LIGHTING **EXTERIOR** P1-41 8 DINING LIGHTING ZONES DINING ROOOM AREA CS1 DINING ROOOM AREA (b) DINING EXHIBITS DINING ROOOM AREA (c) DINING ROOM CANOPY DINING ROOOM AREA P1-31 1 - TIME CLOCK OR MANUAL ON, TIME CLOCK OFF (Mon-Sat); ON 10:30am/OFF 9:00pm, (Sunday); OFF NOTES: 1. TIME CLOCK GROUPS -2 - MANUAL ON, TIME CLOCK OFF (Everyday): MANUAL ON (AUTO ON Disabled)/OFF 10:00pm; PHOTOCELL DIMMABLE 2B - MANUAL ON, TIME CLOCK OFF (Everyday): MANUAL ON (AUTO ON Disabled)/OFF 10:00pm 3 - TIE TO BUILDING SHELL CONTROL PANEL, IF ONE DOESN'T EXIST: EVERY DAY ON AT 15 MIN PRIOR TO SUNSET, OFF AT 15 MIN PRIOR TO SUNRISE. 4 - PHOTOCELL ON/PHOTOCELL OFF 2. TIME CLOCK SETTINGS SHALL BE VERIFIED BY OWNER PRIOR TO COMMISSIONING, PROGRAMMING MUST BE COMPLETED BY A TECHNICIAN APPROVED BY THE MANUFACTURER, ELECTRICIAN IS RESPONSIBLE FOR SCHEDULING ON-SITE MEETING. 3. REFER TO DRAWINGS FOR LOCATIONS AND QUANTITIES OF MASTER SWITCHES. 4. PROVIDE DIMMING CARDS FOR DIMMABLE CIRCUITS



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revisions: 🖄 description

12/1/2021 MO-53LEE project number: project status: ISSUED FOR PERMIT

original drawing is 24" x 36" current as of: 12/1/2021 6:47:20 PM The information and content represented herein is considered by law the architect's instruments of service and are the property of Babcock Design. They are available for limited review and evaluation by clients only for the project specified and are to be used for no other purpose or No part thereof may be copied, reproduced, photographed, modified, published, uploaded, transmitted, disclosed, sold, distributed to others in any way including in digital form, or otherwise used without the prior

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