

University of South Carolina

Project Name: **Swearingen Cafe-Electrical Scope**

Project Number: **BC00566958-2**

Date: May 18, 2018

Addendum Number One

The following items add to, modify, or otherwise alter the Drawing and or specification and will become a part of the Contract Document. Where a portion of the Drawings and or specification is added to, modified, clarified, or otherwise altered, the portion not so affected shall remain. Bidder shall include all effects that these items may have on his proposal.

Acknowledge addendum in the space provide in the Bid form. Failure to do so may subject a Bidder to be disqualified.

Clarification:

Bidder will not be responsible for electrical demo of existing area. This will be performed by others prior to selected bidder performing the electrical scope as stated in the general notes.

The Bidder will be responsible for providing all materials and conduit for all audio visual devices in the project area to include 1" EMT conduit stub ups at least 6" inches above ceiling system for all required CAT 6 data pulls and ports" instead of a 1/2" EMT originally stated on the original General Notes.

Attachments:

Revised Electrical Drawings E1 and E2

Pre Bid Sign in Sheet

End of Addendum One

ELECTRICAL SYMBOLS

SYMBOL	DESCRIPTION
⊗	CEILING MOUNTED EXIT LIGHT, COOPER E1XC 6 LH
⊙	ROUND RECESSED LED LIGHTING FIXTURE, COOPER LDBS-30-200-TE-ELDS-3020-2025-ALB-TOL
—	LINEAR RECESSED LED LIGHTING FIXTURE FOR ABSORING TECHZONE CEILING CONSOLE, NO. J-L-125-1-C-UNV-4-11
A	2X4 RECESSED LED LIGHTING FIXTURE, COOPER 24GR-LD4-48-11-UNV-LB35-CD-1
⊗	EXISTING EXIT LIGHT
⊙	COOPER #A1121 20-AMP SINGLE-POLE SWITCH INSTALLED 42" UP - COLOR AS SELECTED BY THE ARCHITECT
⊙	COOPER W/F#0 20-AMP 125-VOLT GFI, DUPLEX RECEPTACLE INSTALLED 18" UP OR HEIGHT AS NOTED - VOLT AS SELECTED BY THE ARCHITECT
⊙	COOPER #GF#0 20-AMP 125-VOLT GFI, DUPLEX RECEPTACLE INSTALLED ABOVE COUNTER (SEE ARCHITECTURAL DETAILS OF CASEWORK) - COLOR AS SELECTED BY THE ARCHITECT
⊙	DIRECT CONNECTION TO KITCHEN EQUIPMENT
□	DISCONNECT SWITCH - SIZE AND TYPE AS SHOWN ON PLAN
—	PANEL BOARD
⊞	VAV BOX WITH INTERNAL DISCONNECT BY THE MECHANICAL CONTRACTOR
⊙	BRANCH CIRCUIT RACEWAY RUN IN WALL OR ABOVE CEILING. ARROWHEAD DENOTES RUN TO PANEL BOARD. CROSSLINES DENOTE NUMBER OF #1 PHASE OR NEUTRAL CONDUCTORS. INSTALL CODE SIZE GROUNDING CONDUCTOR IN ADDITION TO CONDUCTORS SHOWN. SUBSCRIPT DENOTES CIRCUIT NUMBER
⊙	SAVE AS NEXT ABOVE - ADDITIONAL SUBSCRIPT DENOTES CONDUCTOR SIZE
⊙	BRANCH CIRCUIT RACEWAY RUN UNDER FLOOR. ARROWHEAD DENOTES RUN TO PANEL BOARD. CROSSLINES DENOTE NUMBER OF #1 PHASE OR NEUTRAL CONDUCTORS. INSTALL CODE SIZE GROUNDING CONDUCTOR IN ADDITION TO CONDUCTORS SHOWN. SUBSCRIPT DENOTES CIRCUIT NUMBER
⊙	SAVE AS NEXT ABOVE - ADDITIONAL SUBSCRIPT DENOTES CONDUCTOR SIZE
▶	VOICE/DATA OUTLET INSTALLED 18" UP WITH 5/4" CONDUIT TO ABOVE CEILING

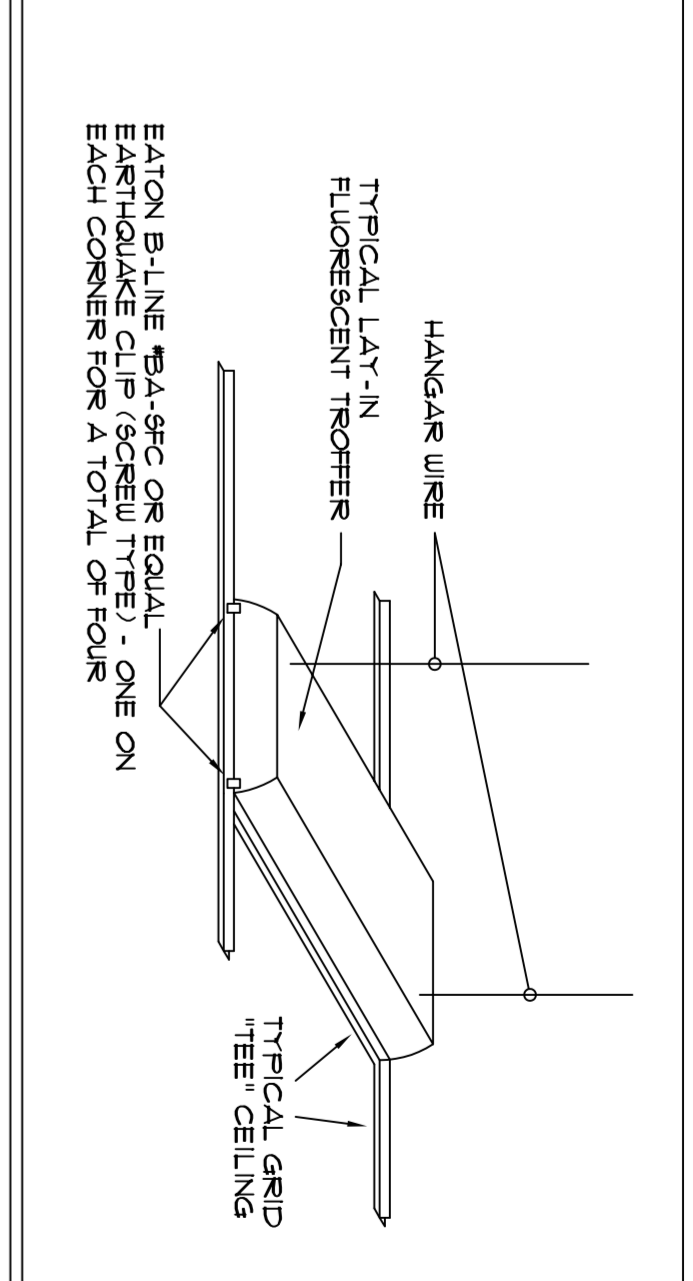
GENERAL NOTES

- DO NOT SCALE THESE DRAWINGS. ALL DIMENSIONS SHALL BE TAKEN FROM THE ARCHITECTURAL DRAWINGS AND DIMENSIONS.
- CONSULT THE MECHANICAL DRAWINGS IN DETAIL FOR THE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT BEFORE RELOCATING IN ALL MECHANICAL DRAWINGS. IT IS THE INTENT OF THE WORK SHOWN ON THESE PLANS TO SHOW DRAWINGS SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- THE DRAWINGS AND SPECIFICATIONS ARE CORRECT IN EVERY WAY TO EACH OTHER FOR BOTH.
- DRAWINGS INDICATE GENERALLY THE LOCATION OF EQUIPMENT AND ARE TO BE FIELD VERIFIED AS SPECIFIED. IF DISCREPANCIES OR CONDITIONS IT IS FOUND NECESSARY TO CHANGE THE LOCATION OR SAVE SUCH CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER AND AS APPROVED BY THE ENGINEER.
- ANY WORK ELECTRICAL OR ALLIED, INSTALLED WITHOUT REGARD TO THE WORK OF OTHER CRAFTS WHICH MUST IN THE OPINION OF THE ENGINEER BE MOVED IN ORDER TO PERMIT THE PROPER INSTALLATION OF OTHER WORK SHALL BE MOVED AS A PART OF THIS SECTION WITHOUT EXTRA CHARGE.
- REMOVE ALL EXISTING ELECTRICAL WORK MADE OBSOLETE BY NEW WORK TO BE INSTALLED. ALL EXISTING ELECTRICAL WORK TO REMAIN ABOVE CEILING SHALL BE REWORKED AND REINSTALLED TO MEET ALL CODE REQUIREMENTS. ALL EXISTING ELECTRICAL WORK TO REMAIN SHALL HAVE CONDUCTORS AND OUTLET BOXES REMOVED AND RACEWAY ABANDONED.
- ALL SALVAGE SHALL REMAIN PROPERTY OF THE OWNER.

SPECIFICATIONS

- INSTALLATION SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE NFPA 70-2014 IBC 2015.
- APPLY AND PAY FOR ALL PERMITS.
- ALL MATERIALS SHALL BE NEW WITH THE UL LABEL.
- THE CONTRACTOR SHALL VISIT THE JOB SITE BEFORE SUBMITTING A BID AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS.
- ALL WIRING SHALL BE COPPER, THIN OR SHUN IN RACEWAY.
- RACEWAY FOR FEEDERS SHALL BE RIGID METAL IFC CONDUIT OVERHEAD BRANCH CIRCUIT RACEWAY SHALL BE EMT.
- ALL BOXES SHALL BE ONE PIECE METAL.
- WIRING DEVICES SHALL BE SPECIFICATION GRADE WITH GRAY FINISH.
- DEVICE FLATERS SHALL BE OVERSIZED STAINLESS STEEL.
- PANELS SHALL BE BOLT-IN BREAKER TYPE.
- ALL EXPOSED NON-CURRENT CARRYING METALLIC PARTS OF THE ELECTRICAL SYSTEM SHALL BE GROUNDED.
- THE CONTRACTOR SHALL GUARANTEE ALL MATERIAL AND WORKMANSHIP FOR ONE YEAR FROM DATE OF ACCEPTANCE.

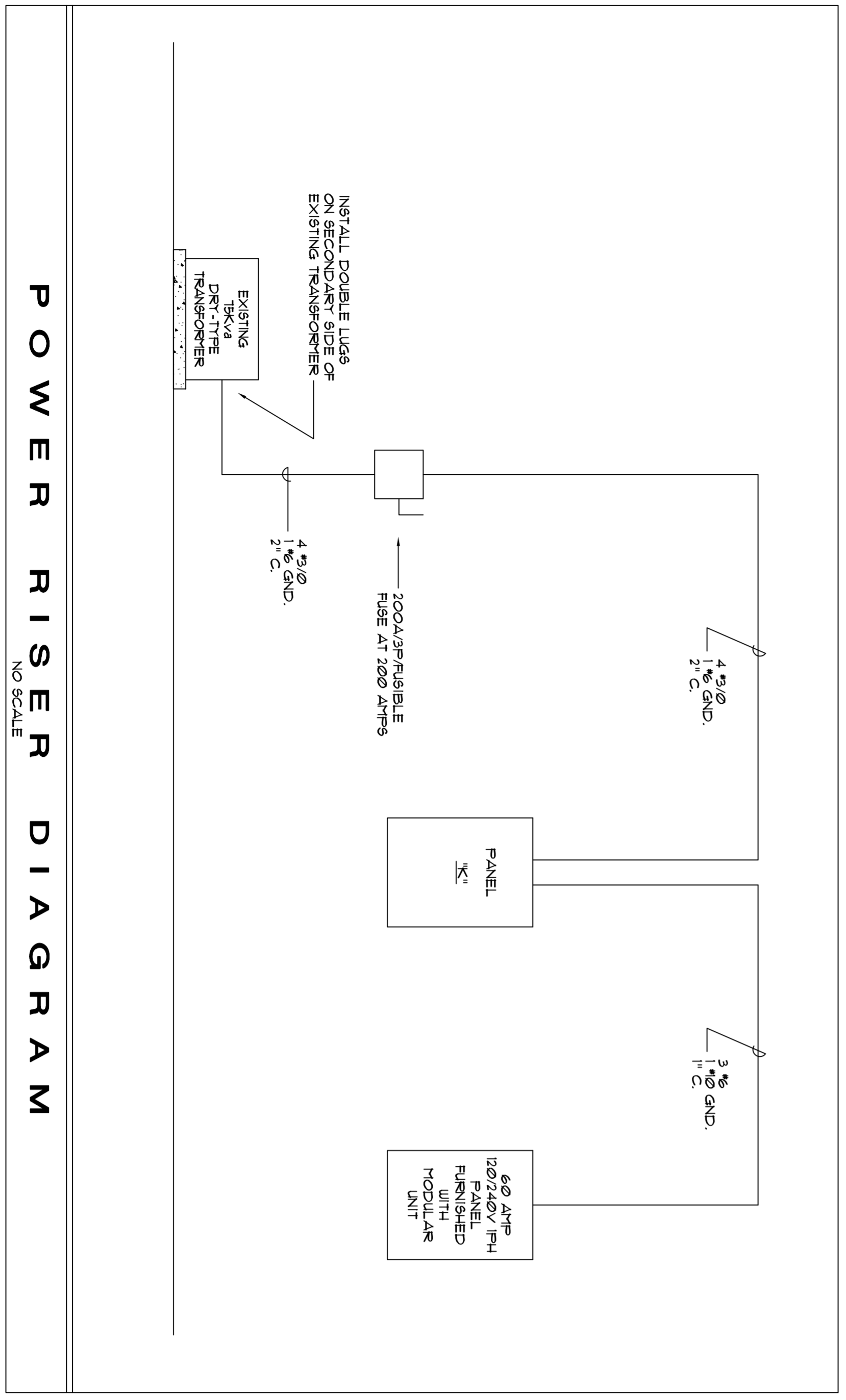
TYPICAL LAY-IN FIXTURE INSTALLATION DETAIL



SCHEDULE FOR PANEL 'K'

MOUNTING TYPE	FLUSH MOUNTED	120 / 208		VOLTAGE		
		THREE PHASE / FOUR WIRE	MAIN LUGS ONLY		WIRING MAINS	
CRT	DESCRIPTION	AMPS	POLE	POLE (AMPS)	DESCRIPTION	CRT
	REFRIG DELL (1)	20	1	1	HYBRID MERC (2)	2
	POB (3)	20	1	1	HYBRID MERC (2)	4
	REFRIG (4)	20	1	1	NITRO INJECT (6)	6
	SAND PREP (8)	20	1	1	COFFEE GRIND (9)	8
	TEA BREW (11)	20	1	1	TIMECLOCK (14)	10
	FREEZER (20)	20	1	1	REFRIG (21)	12
	RECEPTACLES	20	1	1	RECEPTACLES	14
	RECEPTACLES	20	1	1	RECEPTACLES	16
	RECEPTACLES	20	1	1	RECEPTACLES	18
	RECEPTACLES	20	1	1	RECEPTACLES	20
	RECEPTACLES	20	1	1	RECEPTACLES	22
	RECEPTACLES	20	1	1	RECEPTACLES	24
	VAV1	20	1	1	VAV3	26
	VAV5	20	1	1	VAV6	28
	VAV4	20	1	1	RANGE	30
	KETTLE	20	1	2	WATER HEATERS (TEMPORARY PANEL)	32
	9PARE	20	1	2	SPEED OVEN (12)	34
	ICE MAKER (11)	20	2	2	SPEED OVEN (12)	36
	COFFEE MAKER (10)	40	2	2	EXPRESSO MACHINE (5)	38
						40
						42

POWER RISER DIAGRAM



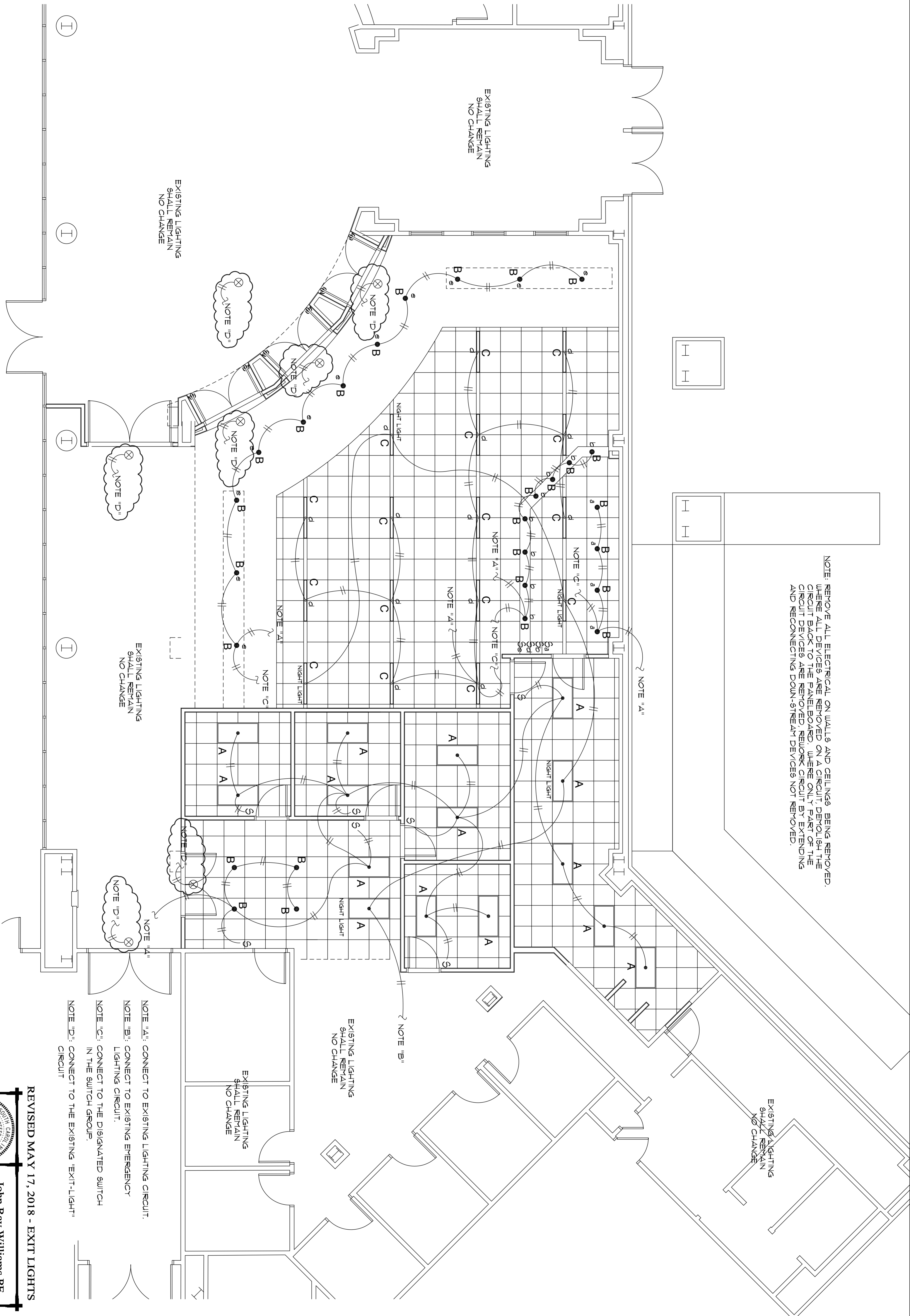
REVISED MAY 17, 2018 - EXIT LIGHTS

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Sheet **E1** of **3** Sheets

FAS ILLC
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 UNIVERSITY OF SOUTH CAROLINA
 Columbia, S. C.



NOTE: REMOVE ALL ELECTRICAL ON WALLS AND CEILING. BEING REMOVED. WHERE ALL DEVICES ARE REMOVED ON A CIRCUIT, POLISH THE CIRCUIT BACK TO THE PANELBOARD. WHERE ONLY PART OF THE CIRCUIT DEVICES ARE REMOVED, REWORK CIRCUIT BY EXTENDING AND RECONNECTING DOWN-STREAM DEVICES NOT REMOVED.

- NOTE "A": CONNECT TO EXISTING LIGHTING CIRCUIT.
- NOTE "B": CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT.
- NOTE "C": CONNECT TO THE DESIGNATED SWITCH IN THE SWITCH GROUP.
- NOTE "D": CONNECT TO THE EXISTING "EXIT-LIGHT" CIRCUIT

REVISED MAY 17, 2018 - EXIT LIGHTS

LIGHTING PLAN
SCALE: 1/4" = 1'-0"

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Sheet **E2** of **3** Sheets

FAS 
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Columbia, S. C.

Job Number	
Rev	
Drawn By	HZ
File name	180517A.DWG
Printed on	48" LTR
Drawn Date	9/28/2016
REV	

University of South Carolina
Pre Bid Sign In Sheet
 Columbia, South Carolina

Project Name: Swearingen Café-
 Electrical
 Project Number: BC00566598-2
 Pre Bid Date & Time: May 15, 2018@ 10:30am

SWMBE Contractor?	Name	Company Name	Address	Phone #	Email
S W M B E	Chris Geay	USC	743 Greene St	803-331-6761	Cgeay@fac.sc.edu
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****By signing this sheet you agree to receive information electronically.