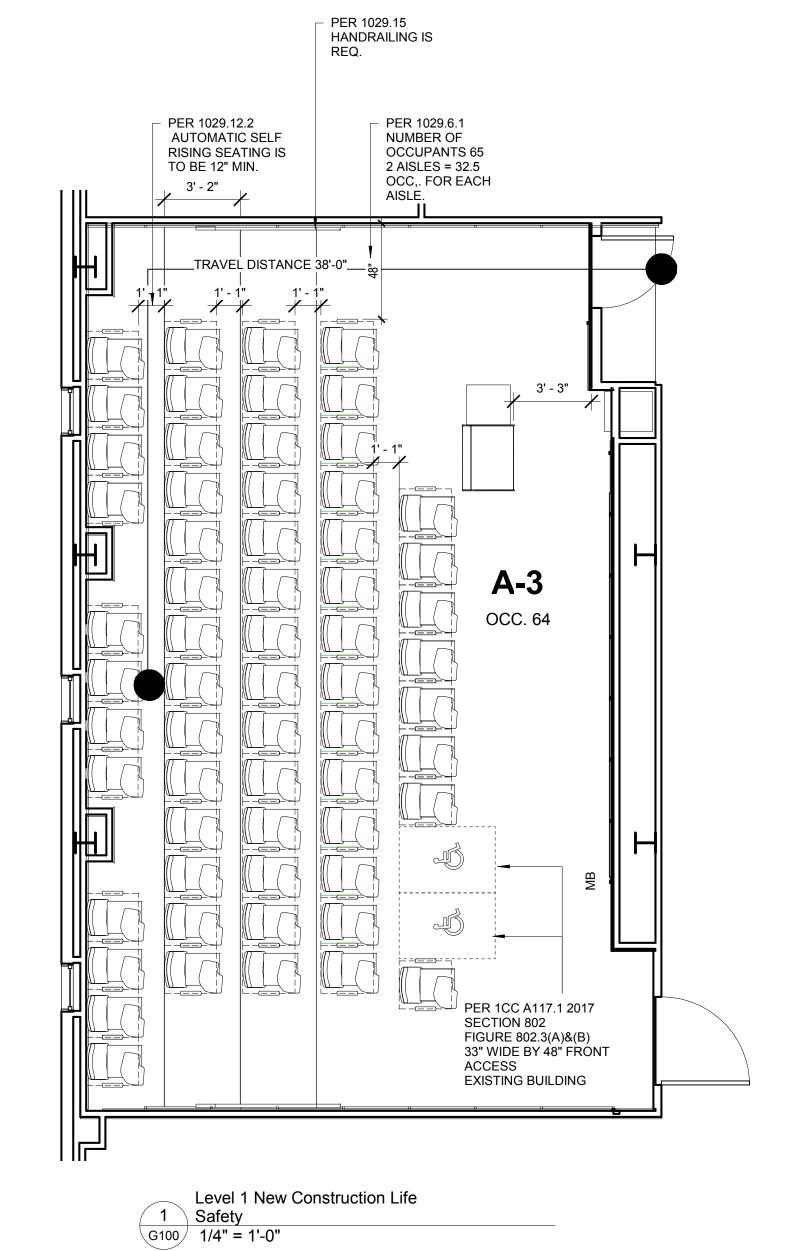
UNIVERSITY OF SOUTH CAROLINA COKER 510 RENOVATION

COLUMBIA, SC ARCHITECT'S PROJECT NUMBER 02-049 UNIVERSITY PROJECT NUMBER 50003348-2 STATE PROJECT NUMBER H27-Z341 FEBRUARY 1, 2019

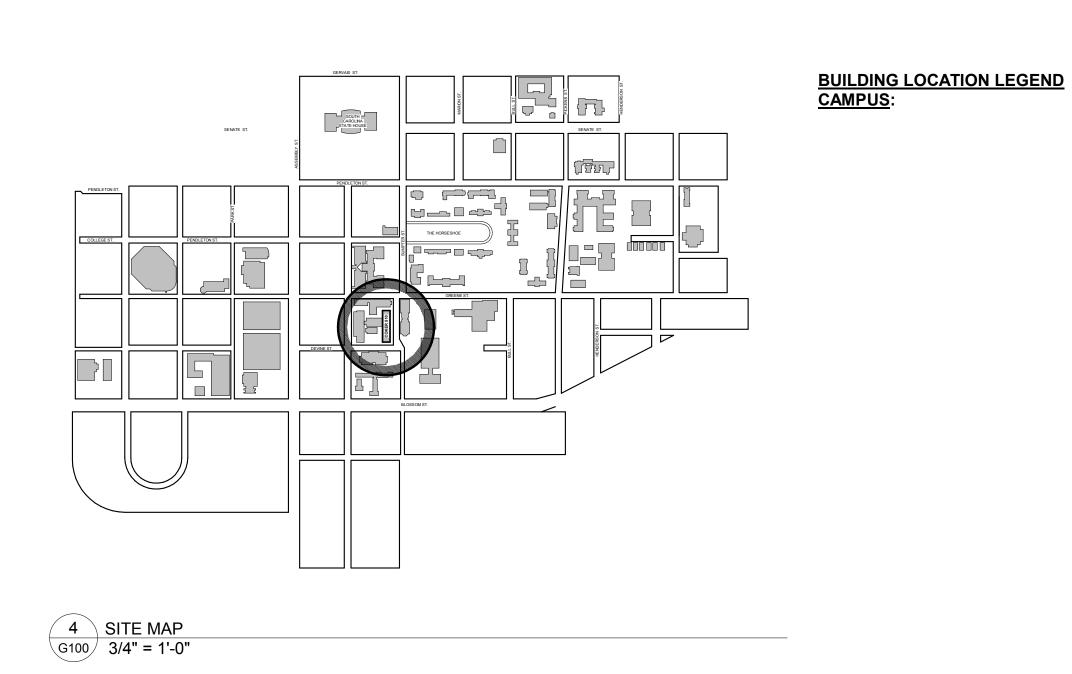
BID SET

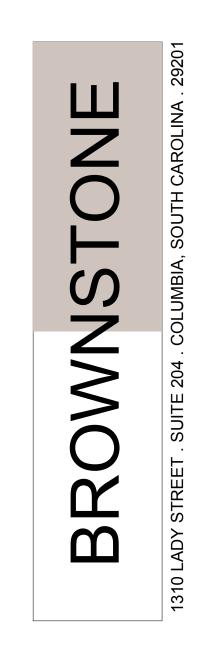


	Sheet List	
Sheet Number	Sheet Name	
G100	COVER LIFE SAFETY	
A101	RENOVATION AND DEMOLITION DRAWINGS	
A102	DETAILS, SCHEDULES AND WALL TYPES	
E101	ELECTRICAL PLANS	

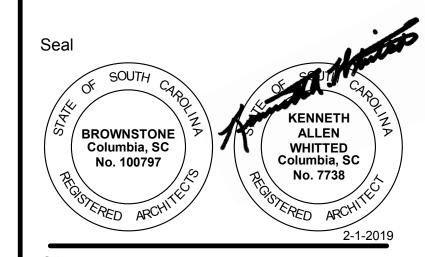


BUILDING CODE ANALYSIS FORM						
PROJECT: USC COKER 510						
SUBMITTAL: SCHEMATIC DESIGN DEVELOPMENT DATE: 1-15-19 CODE & EDITION DESIGN DEVELOPMENT CODE & EDITION DESIGN DEVELOPMENT DE SIGN DEVELOPMENT DE S	ON 2015 IBC	with South Carol		nd Usable Buildin	gs and Facilitie	
BASIC BU	IILDING COI	DE INFORMA	ATION			
DESIGNATED AREAS OF BUILDING	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	
CONSTRUCTION CLASSIFICATION TYPE (IBC 602)	II B					
NUMBER OF OCCUPANTS (IBC 302)	64					
OCCUPANCY GROUP (IBC Table 503) (indicate most restrictive)	A-3					
Does building require Incidental Use Area Separation (IBC 508.2.4)	NO YES	NO YES	NO YES	NO YES	NO YES	
Does the building have Accessory Occupancy (ies)?	NO YES	NO YES	NO YES	NO YES	NO YES	
What percent of story is accessory occupancy?	484 SF 9.1 %	SF %	SF %	SF %	SF %	
Mixed Occupancy (IBC 508.2)	NO YES	NO YES	NO YES	NO YES	NO YES	
Non Separated (IBC 508.3)	NO YES	NO YES	NO YES	NO YES	NO YES	
Separated (IBC 508.4)	NO YES	NO YES	NO YES	NO YES	NO YES	
OTHER FIRE PROTECTION SYSTEMS, DEVICES or	FIRE STROBES					
FEATURES If the building has any special or notable fire protection or safety feature or hazard the designers should list them here describe the performance characteristics and refer to locations construction documents. (e.g., fire extinguishers, smoke-evacuation/control/compartments. Note IBC 414.1.3						
AISLE WIDTH (without smoke protection) (IBC 1029.61)	64 OCCUPANTS DIVIDED BY 2 AISLES LEAVES 32 OCC PER ISLE22 PER EACH OCCUPANT LEAVES 7.04" MINIMUM WIDTH OF PER AISLE IS 44" PER IBC1024.2. PROJECT EGRESS IS 48"					
NUMBER OF DESIGNATED EXITS	2					
HANDRAILS (IBC 1029.15) REQUIREMENT	REQUIRED WHEN SLOPE IS GREATER THAT 6.7% PROJECT SLOPE IS 6": 38" (15.7%) HANDRAIL IS REQUIRED					





All rights reserved. This drawing and the design shown thereon are copyright as prescribed by the laws of the United States and are the propert of Brownstone Design. Anyone duplicating, reproducing or causing to be reproduced the whole or part of these drawings or the design thereon without written permission of the Architect and/or Brownstone Design will be subject to logal action.



UNIVERSITY OF SOUTH CAROLINA

roject

2019 RENOVATION OF COKER RM 510 USC# 50003348-2 STATE# H27-Z341

Issued For

* BIDDING

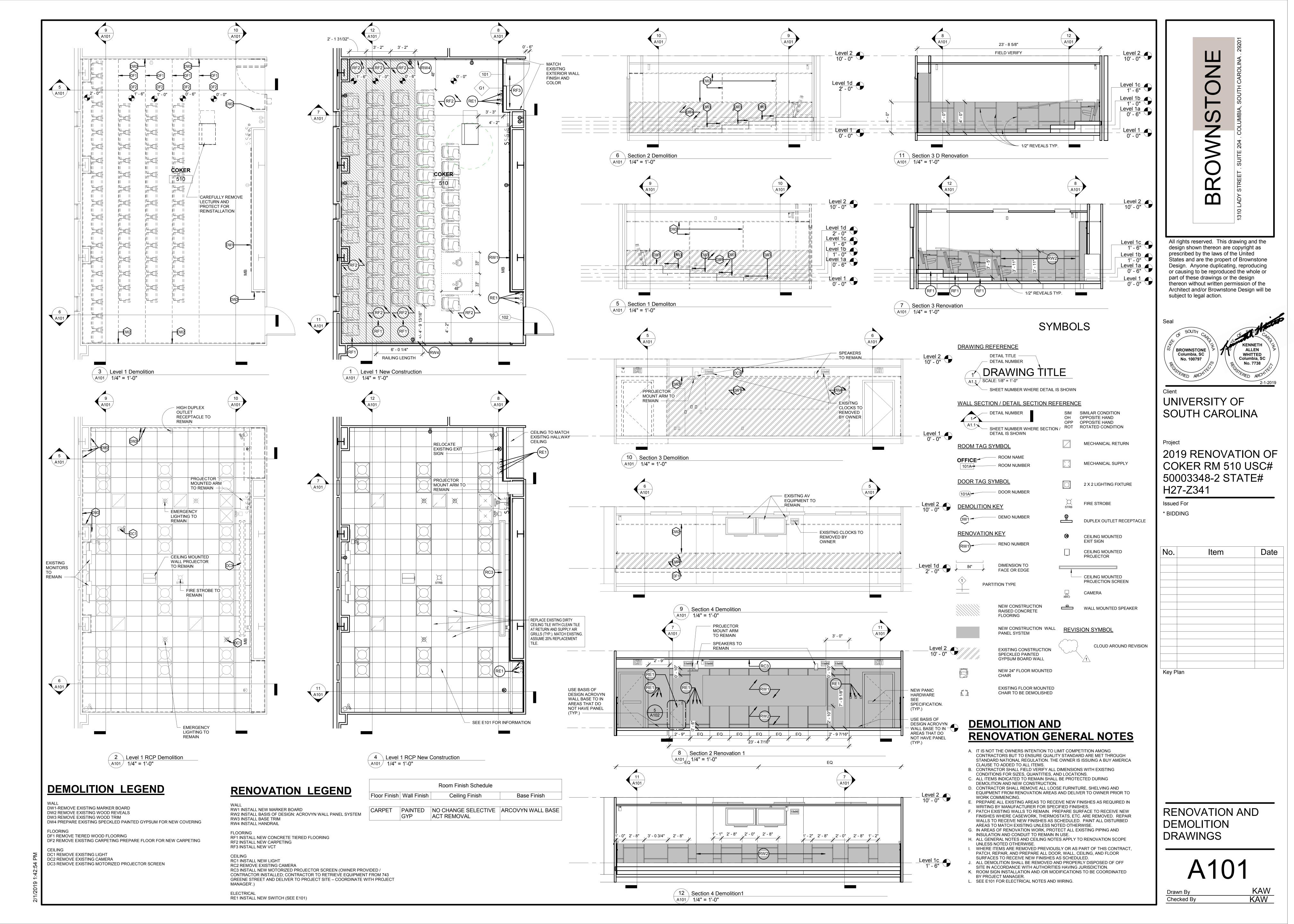
No.	Item	Date
Key P	lan	

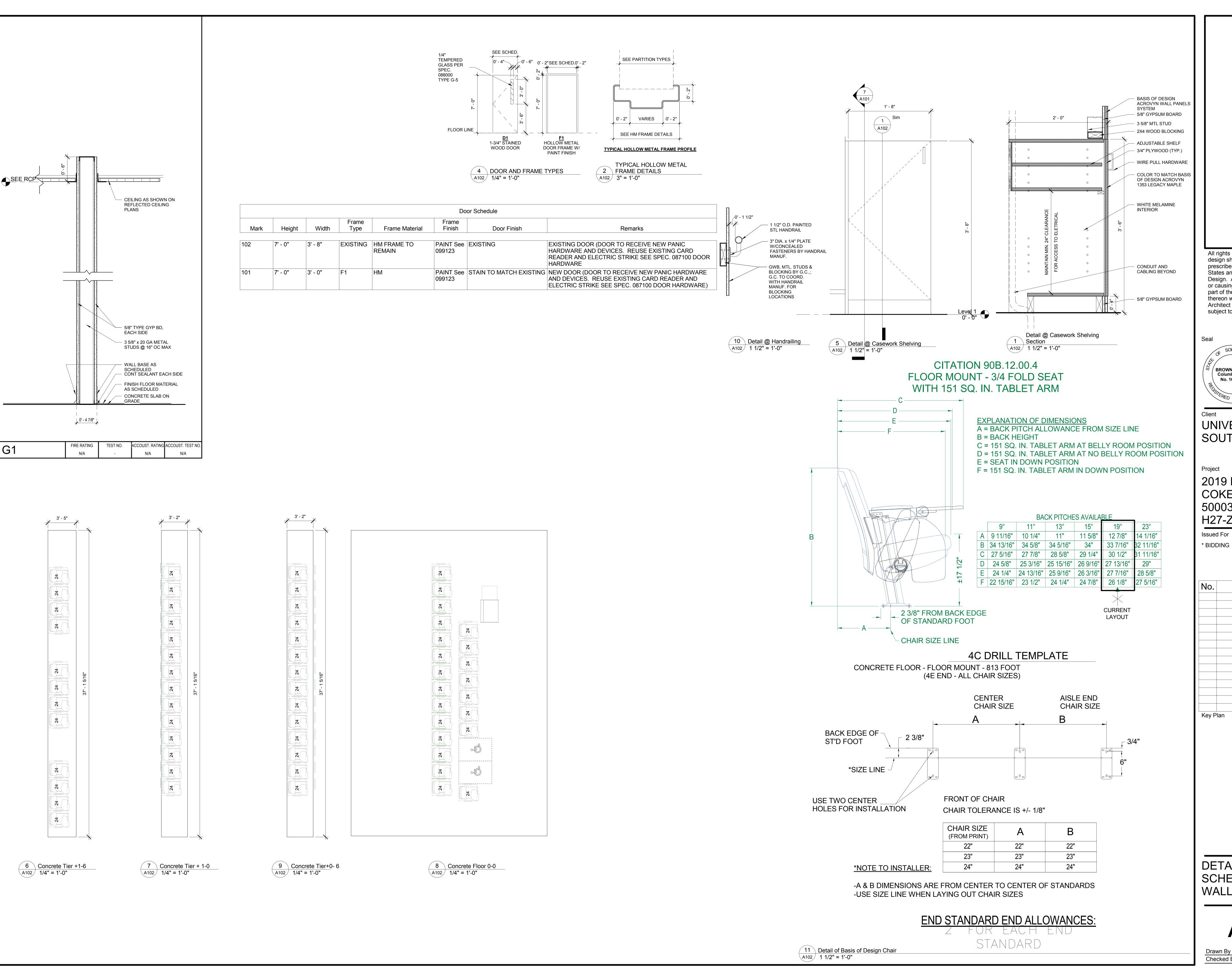
Sheet Title

COVER LIFE SAFETY

G100

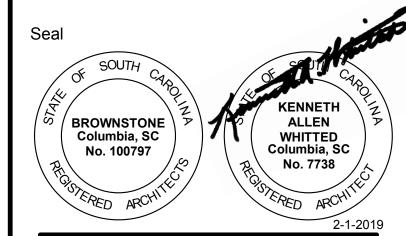
Drawn By Author
Checked By Checker





ONE

All rights reserved. This drawing and the design shown thereon are copyright as prescribed by the laws of the United States and are the propert of Brownstone Design. Anyone duplicating, reproducing or causing to be reproduced the whole or part of these drawings or the design thereon without written permission of the Architect and/or Brownstone Design will be subject to legal action.



UNIVERSITY OF SOUTH CAROLINA

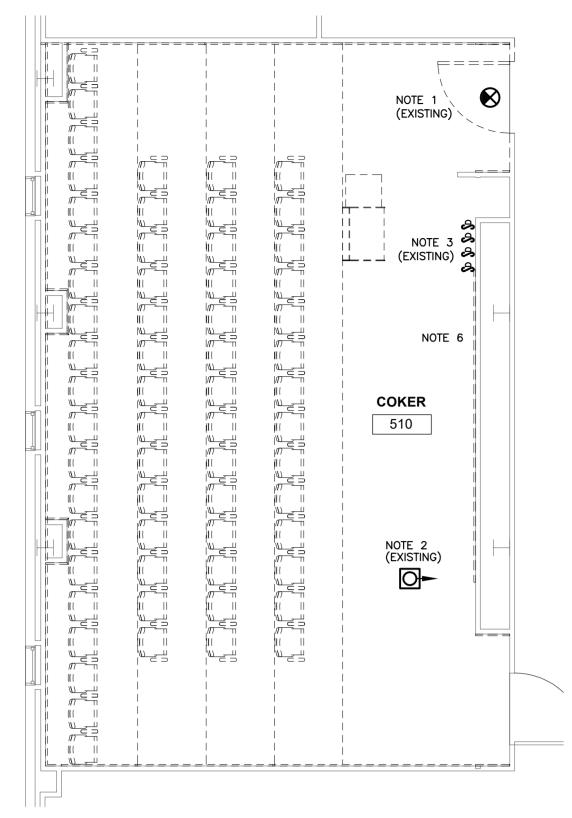
2019 RENOVATION OF COKER RM 510 USC# 50003348-2 STATE# H27-Z341

1

DETAILS, SCHEDULES AND WALL TYPES

A102

Author Checker Drawn By Checked By



(NEW LOCATION)

NOTE 3 A

COKER

510

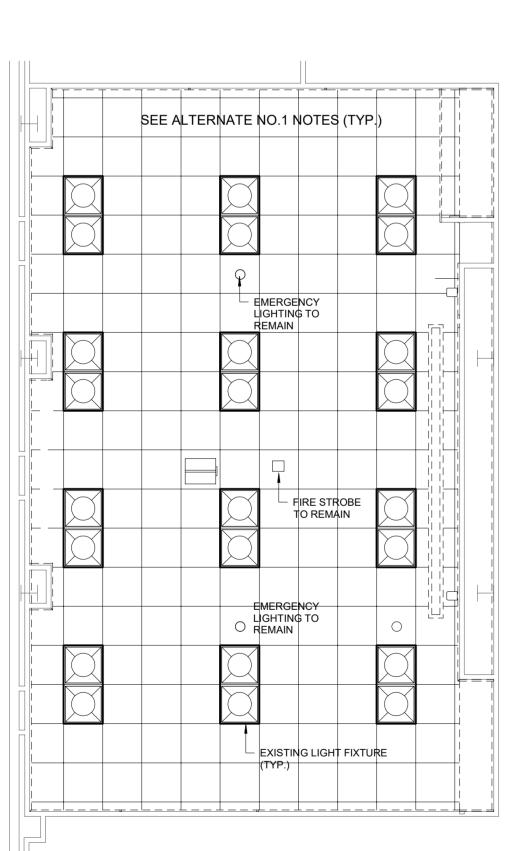
2 ELECTRICAL RENOVATION PLAN

E101 1/4" = 1'-0"

NOTE 3

(PROVIDE)





3 LIGHTING RENOVATION PLAN - ALTERNATE NO.1 1/4" = 1'-0"

ELECTRICAL NOTES

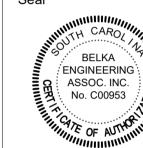
- . RELOCATE EXISTING EXIT SIGN TO ACCOMMODATE DOOR SWING RECONFIGURATION. EXTEND CIRCUIT AS REQUIRED.
- 2. REMOVE EXISTING ELLIPTIPAR LIGHTING FIXTURE AND ASSOCIATED DIMMER SWITCH (ONE OF THE FOUR DIMMER SWITCHES SHOWN ON PLAN).
- 3. RELOCATE TWO (2) EXISTING DIMMER SWITCHES TO LOCATION ADJACENT TO RECONFIGURED DOORWAY AND PROVIDE THREE WAY DIMMER SWITCHES AT BOTH DOORWAYS. THE FRONT 2'x4' FIXTURES SHALL BE CONTROLLED WITH THREE WAY DIMMER SWITCHES. EXTEND OR PROVIDE NEW SWITCH LEGS AS REQUIRED. PROVIDE NEW PERMANENT LABELS ON DIMMERS - "FRONT", "REAR" AND "LECTERN."
- ALL CONDUCTORS SHALL INSULATED COPPER, #12 IN SIZE AND INSTALL IN 3/4" CONDUIT. ONLY METALLIC BOXES SHALL BE USED.
- SWITCHES SHALL BE MOUNTED WITH TOP OF BOX AT 48" AFF (ADA COMPLIANT). THE THREE DIMMER BANK AT RELOCATED DOORWAY SHALL BE AT SAME HEIGHT.
- 6. COORDINATE REPLACEMENT OF PROJECTION SCREEN WITH OWNER'S REPRESENTATIVE AND PROVIDE ANY ELECTRICAL DISCONNECTION AND RECONNECTION. CONTROL STATION SHALL REMAIN IN EXISTING LOCATION.

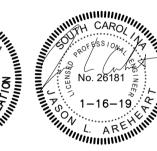
ALTERNATE NO. 1

AS PART OF ALTERNATE NO. 1 PRICING, PROVIDE THE FOLLOWING:

- REMOVE ALL EXISTING LAMPS AND BALLASTS FROM EXISTING 2'x4'
 FLUORESCENT LIGHTING FIXTURES. REPLACE ALL DAMAGED LENSES.
- PROVIDE REPLACEMENT LED LAMPS (GREENCREATIVE# 11.5T8/4F/835/EXT OR APPROVED EQUAL) AND ASSOCIATED DRIVERS (GREENCREATIVE# 15T8T5HEDRIVER/4CH OR APPROVED EQUAL).
- PROVIDE NEW DIMMER SWITCHES (LEVITON# IP710-LFZ OR APPROVED
- REUSE OR PROVIDE CONDUCTORS (BOTH POWER AND LOW VOLTAGE SWITCH LEG) IN CONDUIT TO MAKE EXISTING RETROFIT FIXTURES FULLY OPERATIONAL WITH 10% DIMMING. PROVIDE PLENUM RATED LOW VOLTAGE CONDUCTORS (PURPLE AND GRAY) AS REQUIRED.
- ALL ELECTRICAL SHALL BE PERFORMED BELOW EXISTING ACOUSTICAL GRID CEILING. HAZARD MATERIALS MAY BE PRESENT ABOVE ACOUSTICAL CEILING.

All rights reserved. This drawing and the design shown thereon are copyright as prescribed by the laws of the United States and are the property of Belka Engineering. Anyone duplicating, reproducing or causing to be reproduced the whole or part of these drawings or the design thereon without written permission of the Engineer and/or Belka Engineering will be subject to legal action.





UNIVERSITY OF SOUTH CAROLINA

CLASSROOM **ENHANCEMENTS 2019** COKER 510

Issued For

* USC REVIEW SET

No.	Item	Date

BELKA ENGINEERING ASSOCIATES, INC.

CONTACT: CLIFF STRINGFIELD 7 CLUSTERS COURT, SUITE 201 | COLUMBIA, SC | 29210

(803) 731-0650 p | (803) 731-2880 f

CStringfield@BEA-Consulting.com

Electrical Plans

CES CES

Drawn By Checked By

