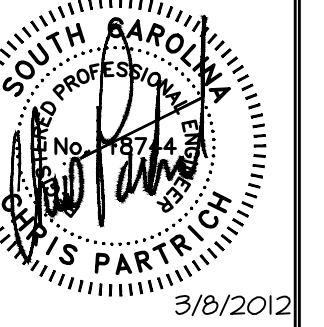
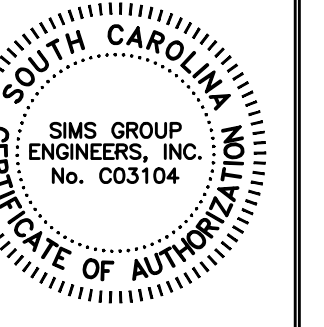


NOTE:
EXISTING MAGNETIC BALLASTS BEING REMOVED MAY
CONTAIN PCB'S. CONTRACTOR SHALL REMOVE BALLAST
AND TURN OVER TO OWNER FOR DISPOSAL OF PCB'S.

LIGHTING PLAN - AB/A BUILDING
SCALE: 1/8"=1'-0"

- LIGHTING NOTES:**
- CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM. RECONNECT TO EXISTING SWITCHING AS REQUIRED UNLESS NOTED OTHERWISE ON DRAWINGS. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY/EXIT LIGHTING AS REQUIRED.
 - PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY LIGHT/EXIT SIGN AS REQUIRED. WHERE NEW LIGHT IS REPLACING EXISTING, RECONNECT TO EXISTING WIRING.

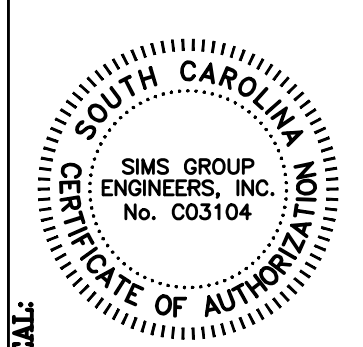


SEAL	DATE	DESCRIPTION	SC	DATE	DATE	DATE	DATE	DATE	DATE

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
UNIVERSITY OF SOUTH CAROLINA

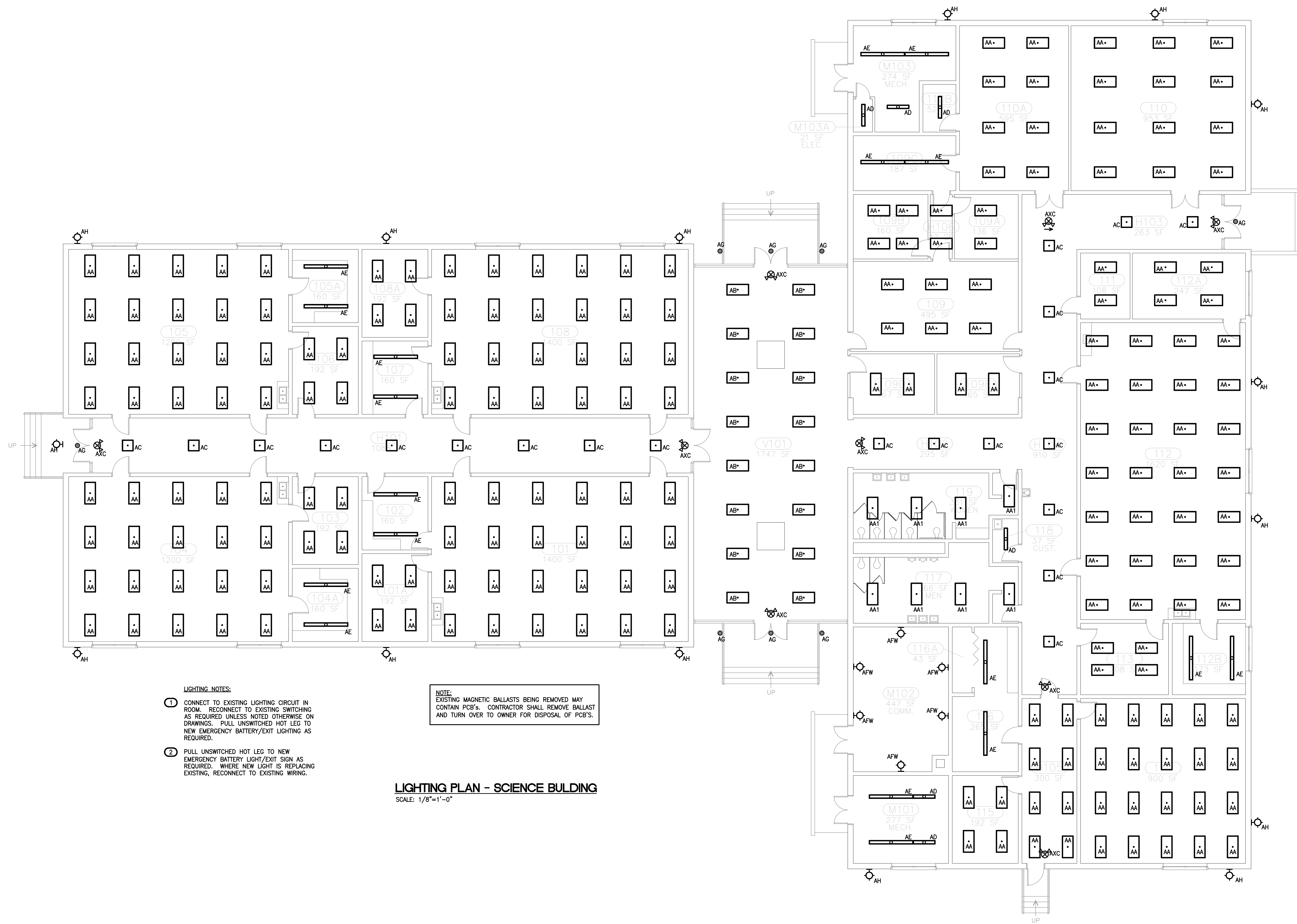
BID SET
G11033
simsgroup
SIMS GROUP ENGINEERS, INC.
800 Columbiana Drive, Suite 208
Irmo, South Carolina 29063
Phone: (803) 765-1007 Fax: (803) 765-1030
www.simsgroupusa.com

E101
SHEET IN SET:
2 OF 17



CLP	DATE	BY

REV.	DATE	DESCRIPTION

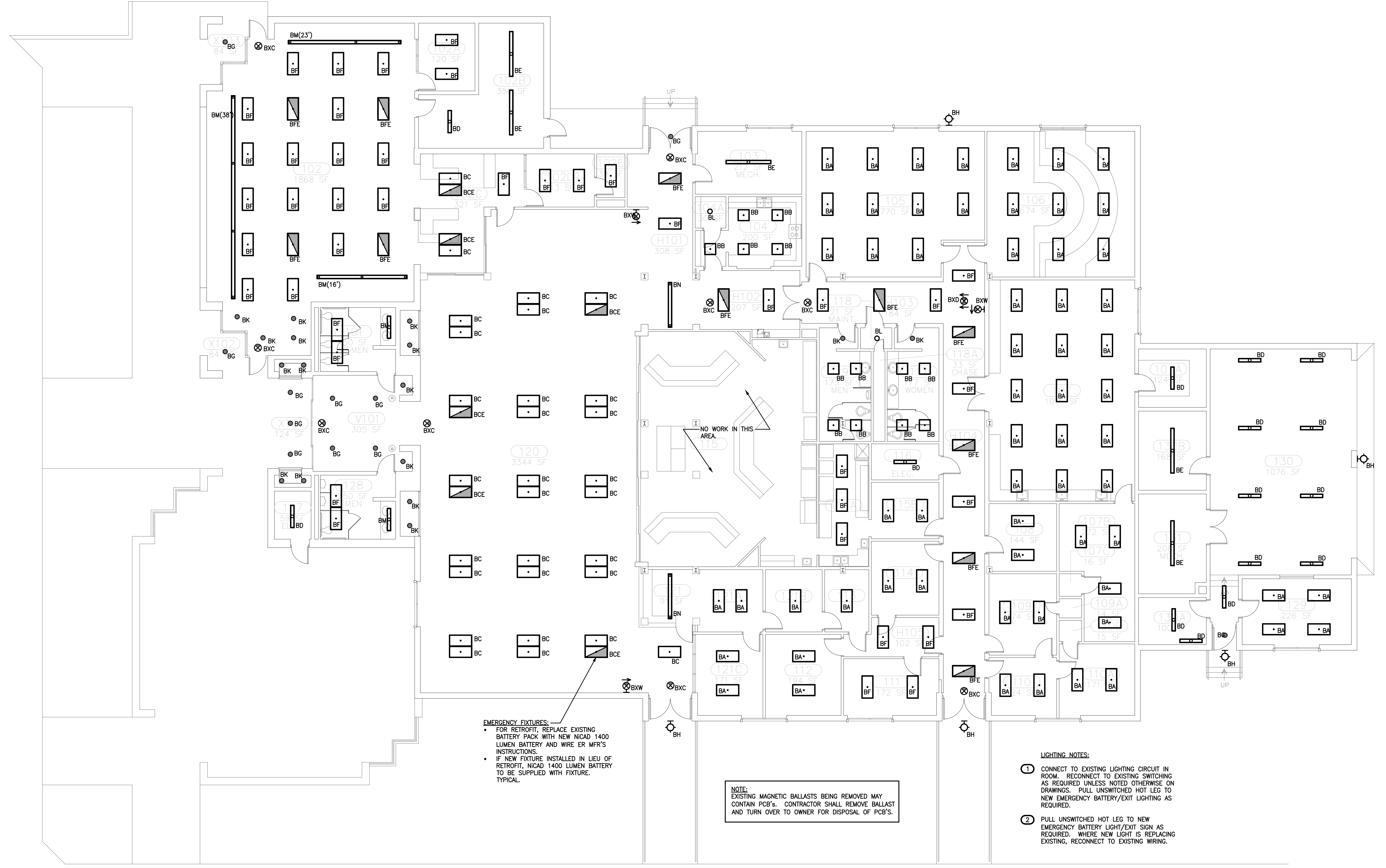
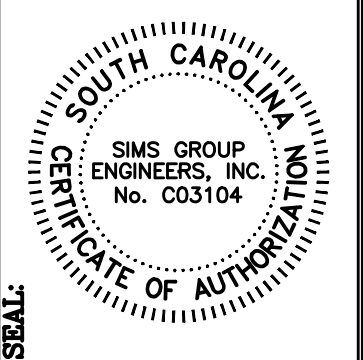


LIGHTING NOTES:
 1. CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM. RECONNECT TO EXISTING SWITCHING AS REQUIRED UNLESS NOTED OTHERWISE ON DRAWINGS. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY/EXIT LIGHTING AS REQUIRED.
 2. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY LIGHT/EXIT SIGN AS REQUIRED. WHERE NEW LIGHT IS REPLACING EXISTING, RECONNECT TO EXISTING WIRING.

NOTE:
 EXISTING MAGNETIC BALLASTS BEING REMOVED MAY CONTAIN PCB'S. CONTRACTOR SHALL REMOVE BALLAST AND TURN OVER TO OWNER FOR DISPOSAL OF PCB'S.

LIGHTING PLAN - SCIENCE BUILDING
 SCALE: 1/8"=1'-0"

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LIGHTING PLAN - STUDENT UNION BUILDING
SCALE: 1/8"=1'-0"

EMERGENCY FIXTURES:
• FOR RETROFIT, REPLACE EXISTING BATTERY PACK WITH NEW NICAD 1400 LUMEN BATTERY AND WIRE ER MFR'S INSTRUCTIONS.
• IF NEW FIXTURE INSTALLED IN LIEU OF RETROFIT, NICAD 1400 LUMEN BATTERY TO BE SUPPLIED WITH FIXTURE, TYPICAL.

NOTE:
EXISTING MAGNETIC BALLASTS BEING REMOVED MAY CONTAIN PCB'S. CONTRACTOR SHALL REMOVE BALLAST AND TURN OVER TO OWNER FOR DISPOSAL OF PCB'S.

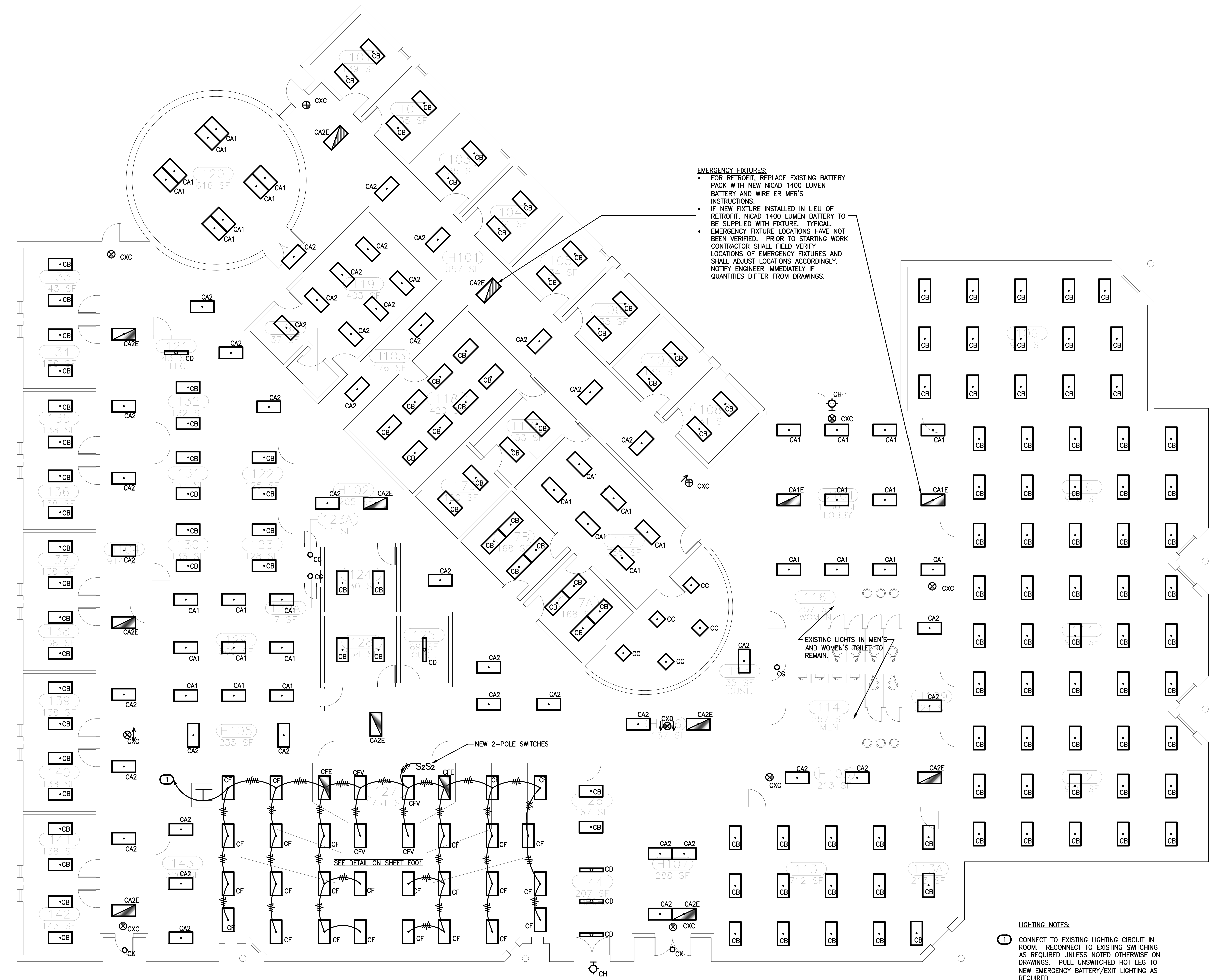
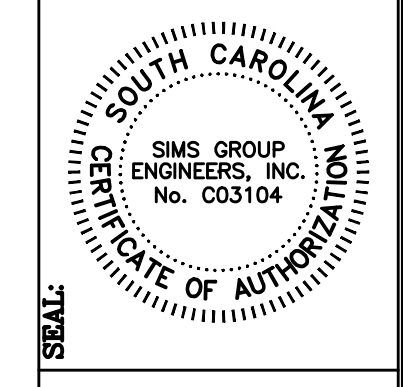
- LIGHTING NOTES:
- ① CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM. RECONNECT TO EXISTING SWITCHING AS REQUIRED UNLESS NOTED OTHERWISE ON DRAWINGS. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY/EXIT LIGHTING AS REQUIRED.
 - ② PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY LIGHT/EXIT SIGN AS REQUIRED. WHERE NEW LIGHT IS REPLACING EXISTING, RECONNECT TO EXISTING WIRING.

DATE	DESCRIPTION	SC	DATE	DATE	DATE
MARCH 2012	DRAWING BY:	CLIP	DATE	DATE	DATE
	ORIG. BY:	DRY			
	CHECKED BY:	BY			

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
SHEET:
UNIVERSITY of South Carolina

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SIMS GROUP ENGINEERS, INC.
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SHEET IN SET:
4 OF 17



EMERGENCY FIXTURES:

- FOR RETROFIT, REPLACE EXISTING BATTERY PACK WITH NEW NICAD 1400 LUMEN BATTERY AND WIRE PER MFR'S INSTRUCTIONS.
- IF NEW FIXTURE INSTALLED IN LIEU OF RETROFIT, NICAD 1400 LUMEN BATTERY TO BE SUPPLIED WITH FIXTURE. TYPICAL.
- EMERGENCY FIXTURE LOCATIONS HAVE NOT BEEN VERIFIED. PRIOR TO STARTING WORK CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EMERGENCY FIXTURES AND SHALL ADJUST LOCATIONS ACCORDINGLY. NOTIFY ENGINEER IMMEDIATELY IF QUANTITIES DIFFER FROM DRAWINGS.

LIGHTING NOTES:

- 1 CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM. RECONNECT TO EXISTING SWITCHING AS REQUIRED. UNLESS NOTED OTHERWISE ON DRAWINGS. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY/EXIT LIGHTING AS REQUIRED.
- 2 PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY LIGHT/EXIT SIGN AS REQUIRED. WHERE NEW LIGHT IS REPLACING EXISTING, RECONNECT TO EXISTING WIRING.

LIGHTING PLAN - SCHWARTZ BUILDING
SCALE: 1/8"=1'-0"

CLP	DATE	SC	DATE	DATE	DESCRIPTION

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
BUILDING: H39-9516
DRAWING: DISCREPTION
DATE: MARCH 2012
DRAWN BY:
CHECKED BY: CJP
DATE: 3/9/2012

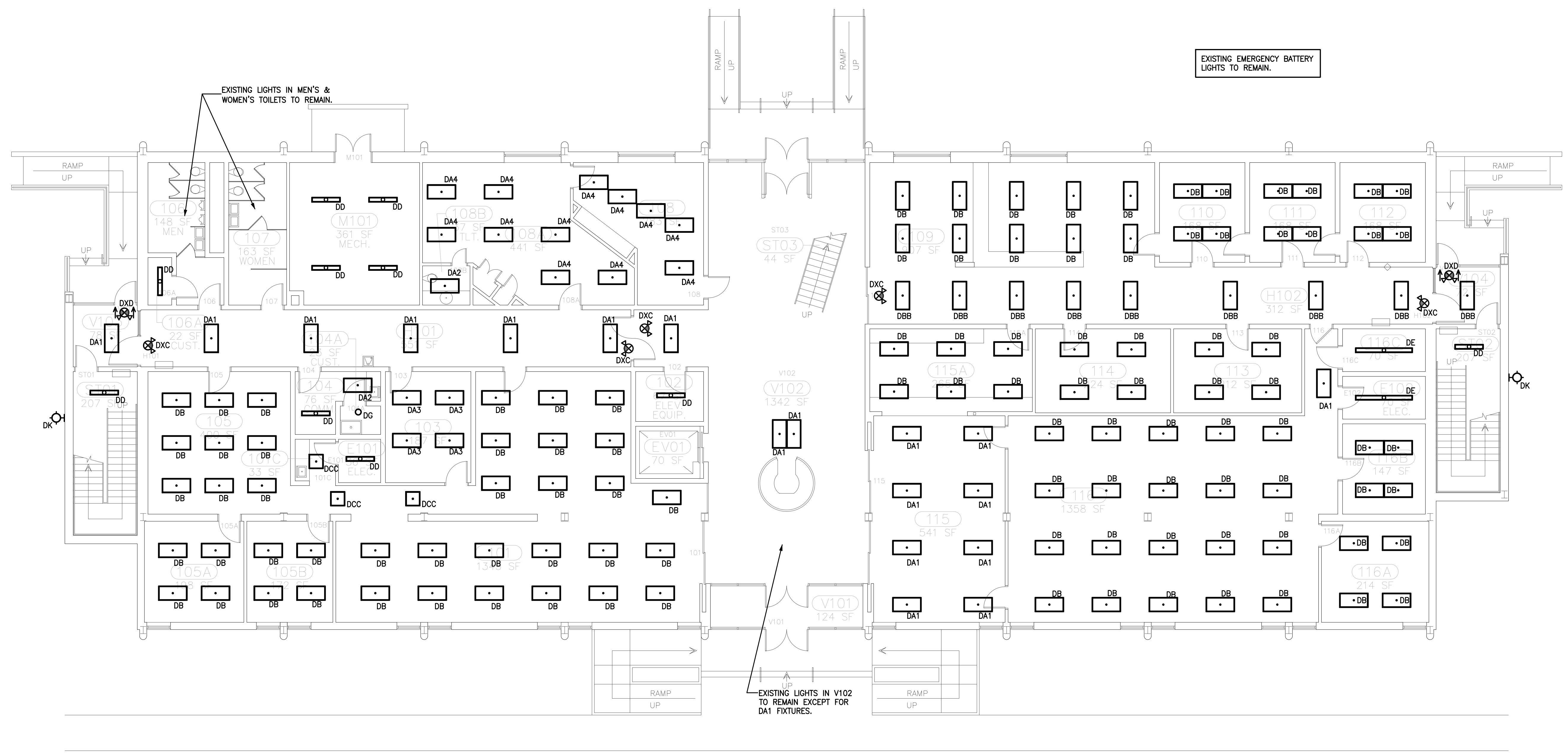
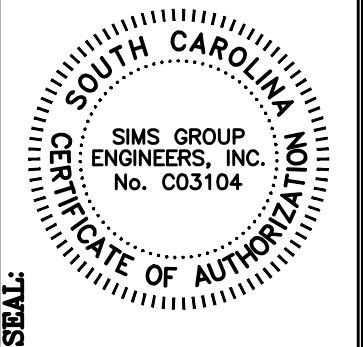
BID SET C11033

simsgroup

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Irmo, South Carolina 29063
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SHEET IN SET: 4 OF 17

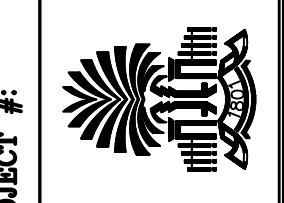


LIGHTING PLAN - ADMIN. BUILDING - FIRST FLOOR
SCALE: 1/8"=1'-0"

- LIGHTING NOTES:**
- 1. CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM. RECONNECT TO EXISTING SWITCHING AS REQUIRED UNLESS NOTED OTHERWISE ON DRAWINGS. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY/EXIT LIGHTING AS REQUIRED.
 - 2. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY LIGHT/EXIT SIGN AS REQUIRED. WHERE NEW LIGHT IS REPLACING EXISTING, RECONNECT TO EXISTING WIRING.

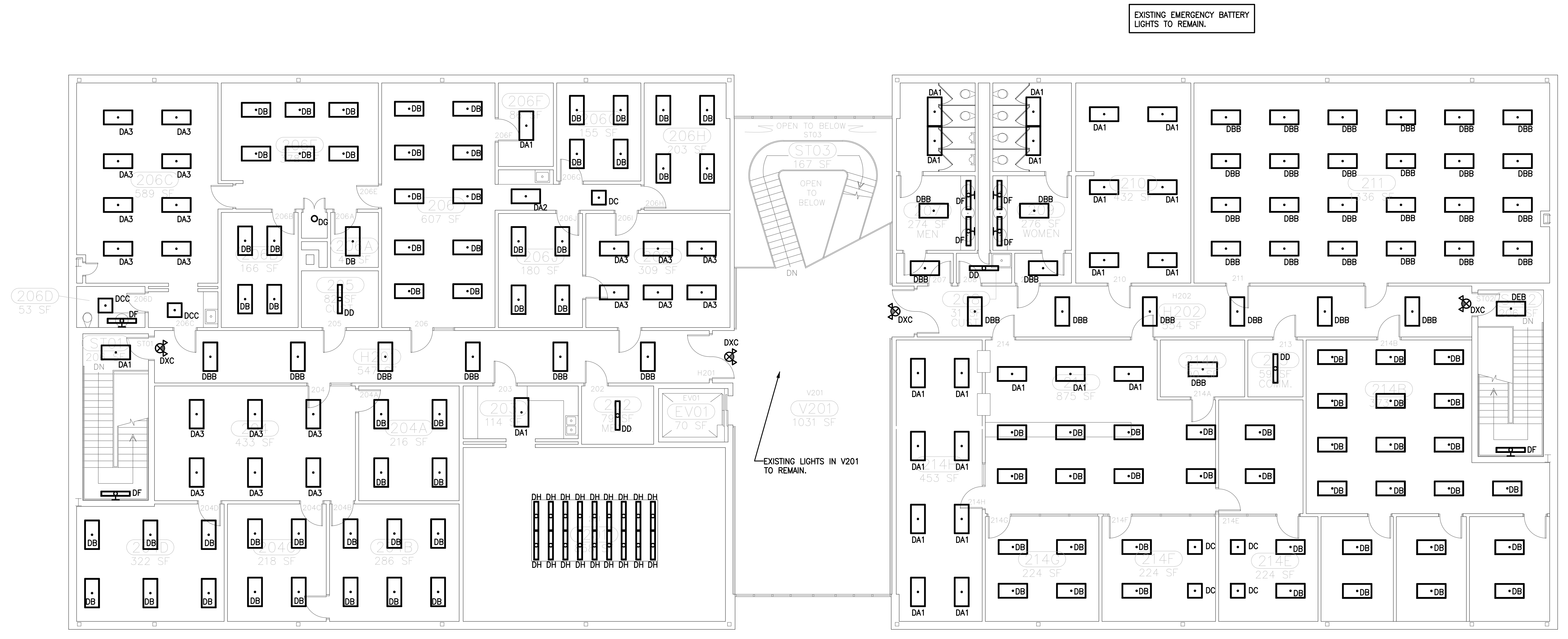
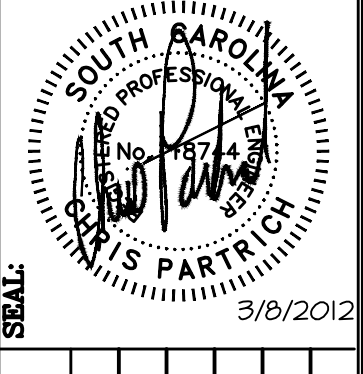
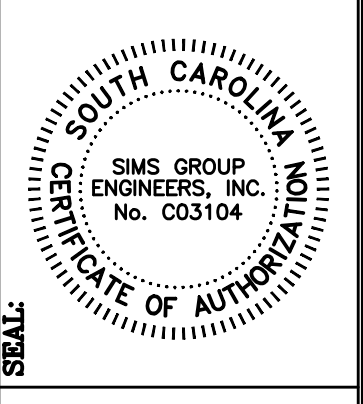
DATE	DESCRIPTION	BY	CHK'D BY
MARCH 2012			

BUILDING: **SIX BUILDINGS**
PROJECT TITLE: **LIGHTING RETROFIT SIX BUILDINGS**
PROJECT #: **H39-9516**



University of South Carolina

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sims group
SIMS GROUP ENGINEERS, INC.
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Irmo, South Carolina 29063
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www.simgroupusa.com



- LIGHTING NOTES:**
1. CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM. RECONNECT TO EXISTING SWITCHING AS REQUIRED UNLESS NOTED OTHERWISE ON DRAWINGS. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY/EXIT LIGHTING AS REQUIRED.
 2. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY LIGHT/EXIT SIGN AS REQUIRED. WHERE NEW LIGHT IS REPLACING EXISTING, RECONNECT TO EXISTING WIRING.

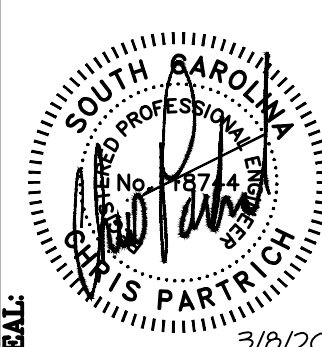
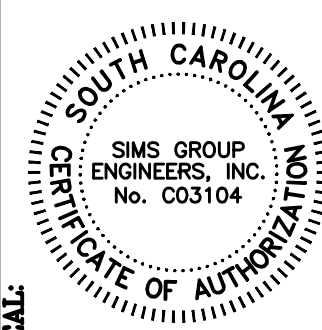
LIGHTING PLAN - ADMIN. BUILDING - SECOND FLOOR
SCALE: 1/8"=1'-0"

BUILDING:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:	DATE:
REF.	MARCH 2012	SC	CLP	DATE	DATE	DATE	DATE
DESCRIPTION							

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
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E106
SHEET IN SET:
4 OF 17



3/9/2012

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ORIG. BY:	

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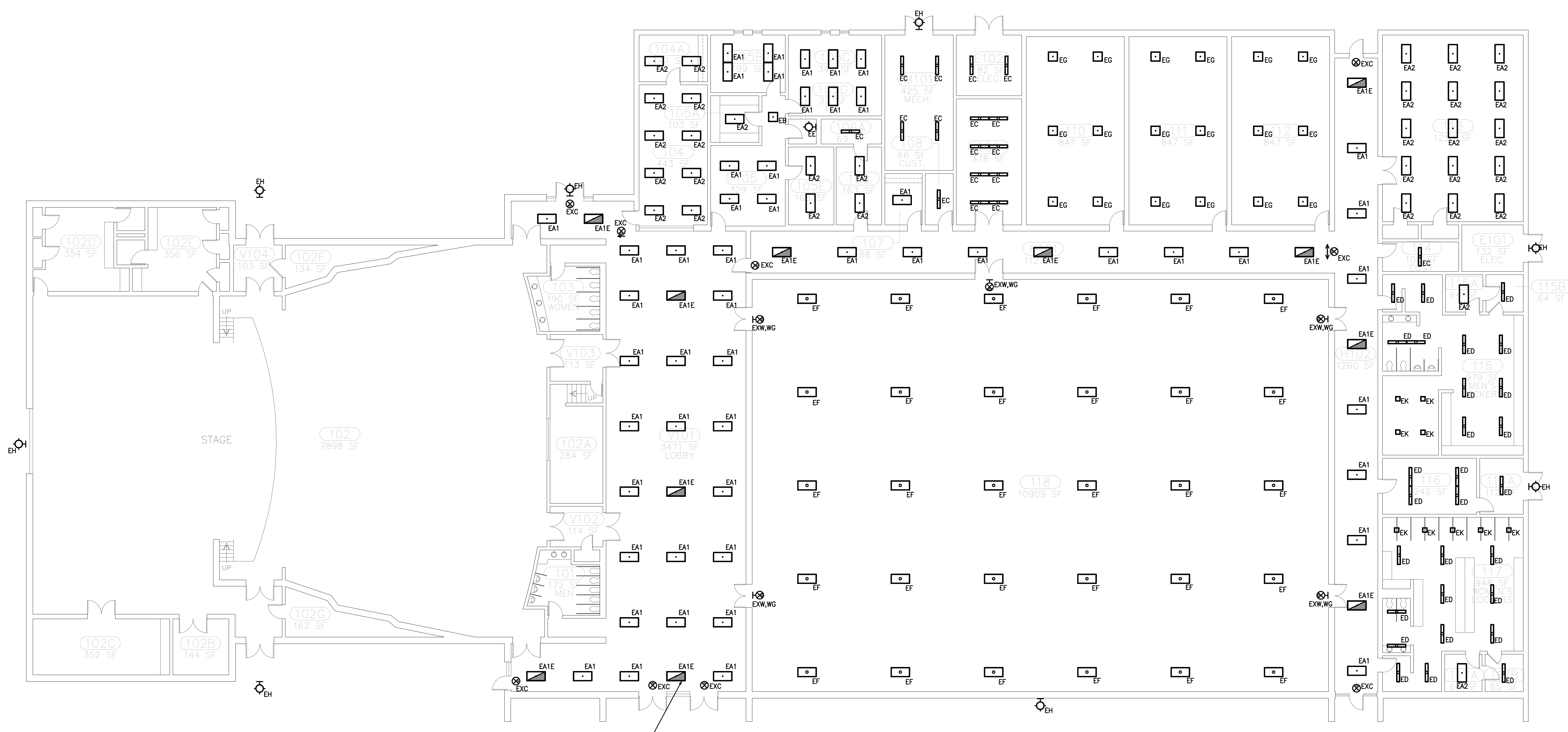
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EMERGENCY FIXTURES:

- FOR RETROFIT, REPLACE EXISTING BATTERY PACK WITH NEW 1400 LUMEN BATTERY AND WIRE EX MR'S INSTRUCTIONS.
- IF NEW FIXTURE INSTALLED IN LIEU OF RETROFIT, INCAD 1400 LUMEN BATTERY TO BE SUPPLIED WITH FIXTURE. TYPICAL.
- EMERGENCY FIXTURE LOCATIONS HAVE NOT BEEN VERIFIED. PRIOR TO STARTING WORK CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EMERGENCY FIXTURES AND SHALL ADJUST LOCATIONS ACCORDINGLY. NOTIFY ENGINEER IMMEDIATELY IF QUANTITIES DIFFER FROM DRAWINGS.

OCCUPANCY SENSOR PLAN - NETTLES BUILDING

SCALE: 3/32"=1'-0"

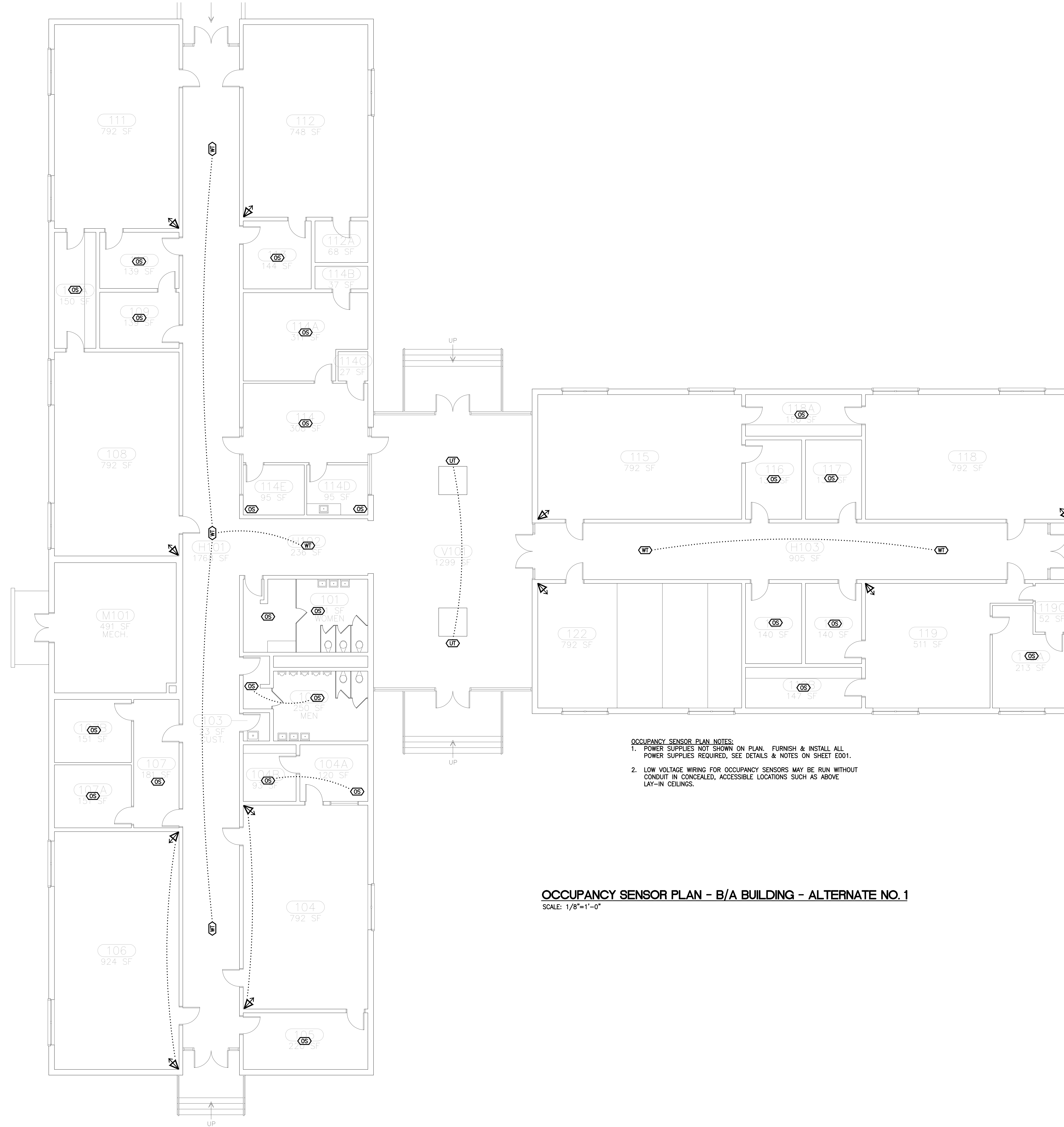
LIGHTING NOTES:

- 1 CONNECT TO EXISTING LIGHTING CIRCUIT IN ROOM. RECONNECT TO EXISTING SWITCHING AS REQUIRED UNLESS NOTED OTHERWISE ON DRAWINGS. PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY/EXIT LIGHTING AS REQUIRED.
- 2 PULL UNSWITCHED HOT LEG TO NEW EMERGENCY BATTERY LIGHT/EXIT SIGN AS REQUIRED. WHERE NEW LIGHT IS REPLACING EXISTING, RECONNECT TO EXISTING WIRING.

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PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
SHEET: E107
SHEET IN SET: 4 OF 17

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OCCUPANCY SENSOR PLAN NOTES:
 1. POWER SUPPLIES NOT SHOWN ON PLAN. FURNISH & INSTALL ALL POWER SUPPLIES REQUIRED, SEE DETAILS & NOTES ON SHEET E001.
 2. LOW VOLTAGE WIRING FOR OCCUPANCY SENSORS MAY BE RUN WITHOUT CONDUIT IN CONCEALED, ACCESSIBLE LOCATIONS SUCH AS ABOVE LAY-IN CEILING.

OCCUPANCY SENSOR PLAN - B/A BUILDING - ALTERNATE NO. 1
 SCALE: 1/8"=1'-0"

CAMPUS PLANNING AND CONSTRUCTION COLUMBIA, SC 29208	
CHECKED BY: CJP ORG. BY:	DATE: MARCH 2012
DRAWING:	DESCRIPTION:
BUILDING:	DATE:
REVISION:	DATE:
PROJECT #: H39-9516	UNIVERSITY OF SOUTH CAROLINA

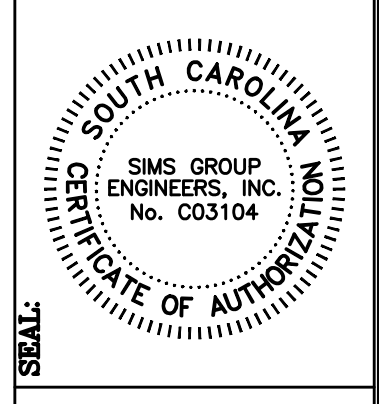
BID SET C11033

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 800 Columbiana Drive, Suite 208
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 Phone: (803) 765-1007 Fax: (803) 765-1030
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LIGHTING PLAN - SCIENCE BUILDING
SCALE: 1/8"=1'-0"



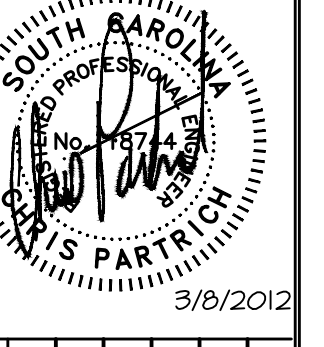
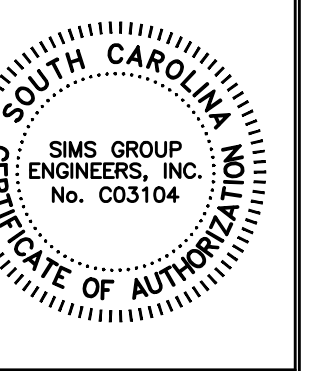
BUILDING:	DATE:	DATE:	DATE:	CHECKED BY:	CHECKED BY:
REV:	DESCRIPTION:	DATE:	DATE:	DATE:	DATE:
		MARCH 2012			

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
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OCCUPANCY SENSOR PLAN - STUDENT UNION BUILDING
SCALE: 1/8"=1'-0"

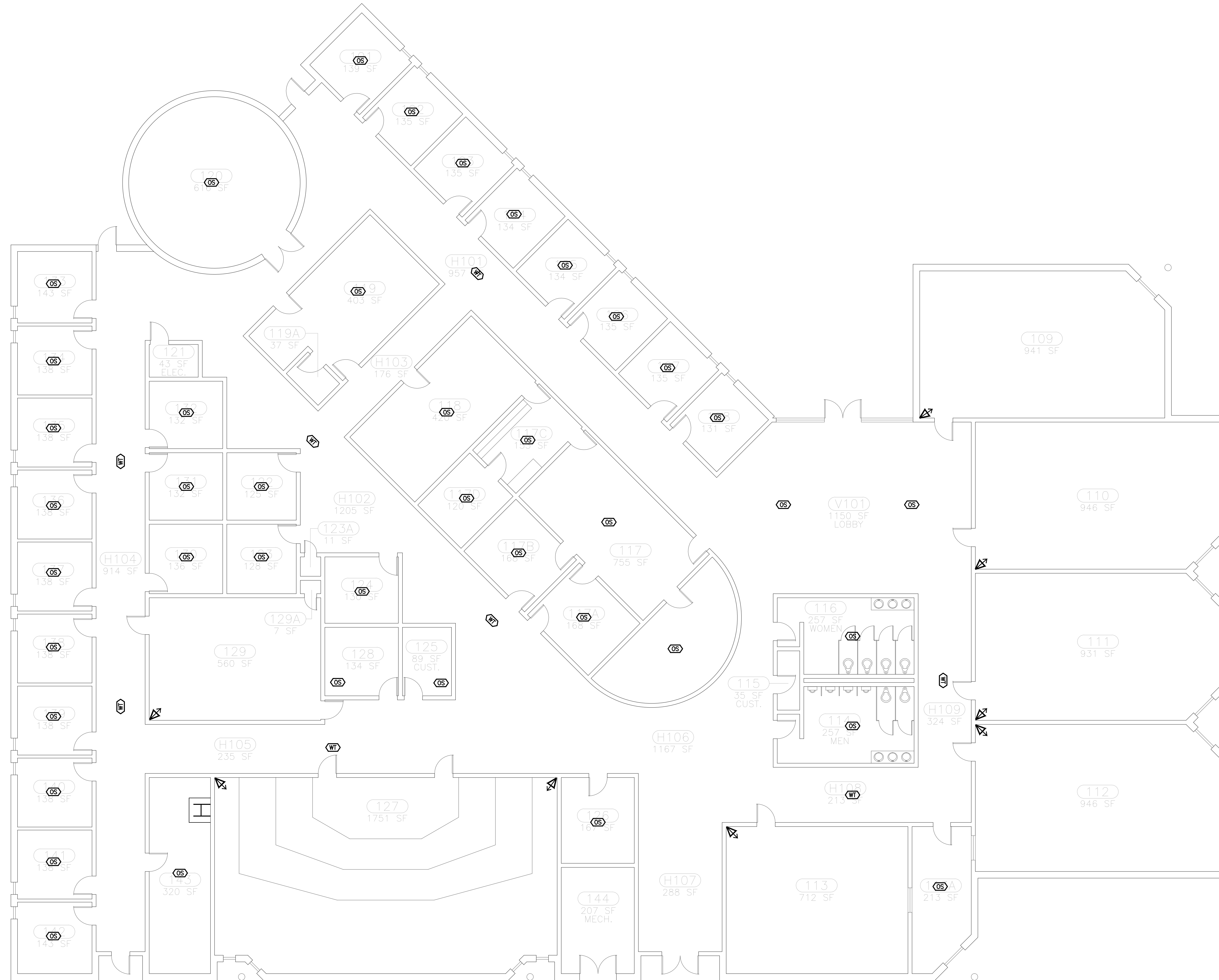
CAMPUS PLANNING
AND CONSTRUCTION
COLUMBIA, SC 29208



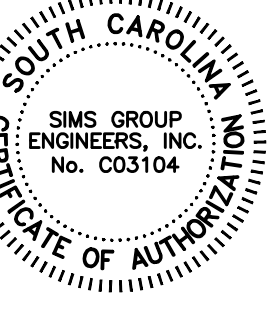
PROJECT TITLE:	DATE:	BY:	DATE:	BY:	DATE:	BY:	DATE:	BY:
LIGHTING RETROFIT SIX BUILDINGS	MARCH 2012	CLP	MARCH 2012	CLP	MARCH 2012	CLP	MARCH 2012	CLP
H39-9516		ORIG. BY:		ORIG. BY:		ORIG. BY:		ORIG. BY:
		DATE:		DATE:		DATE:		DATE:
		DESCRIPTION:		DESCRIPTION:		DESCRIPTION:		DESCRIPTION:
		BUILDING:		BUILDING:		BUILDING:		BUILDING:
		REVISION:		REVISION:		REVISION:		REVISION:

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 SIMS GROUP ENGINEERS, INC. 800 Columbian Drive, Suite 208 Irmo, South Carolina 29063 Phone: (803) 765-1007 Fax: (803) 765-1030 www.simgroupusa.com	BID SET	C11033
	E203	
SHEET IN SET: 4 OF 17		



LIGHTING PLAN - SCHWARTZ BUILDING
SCALE: 1/8"=1'-0"

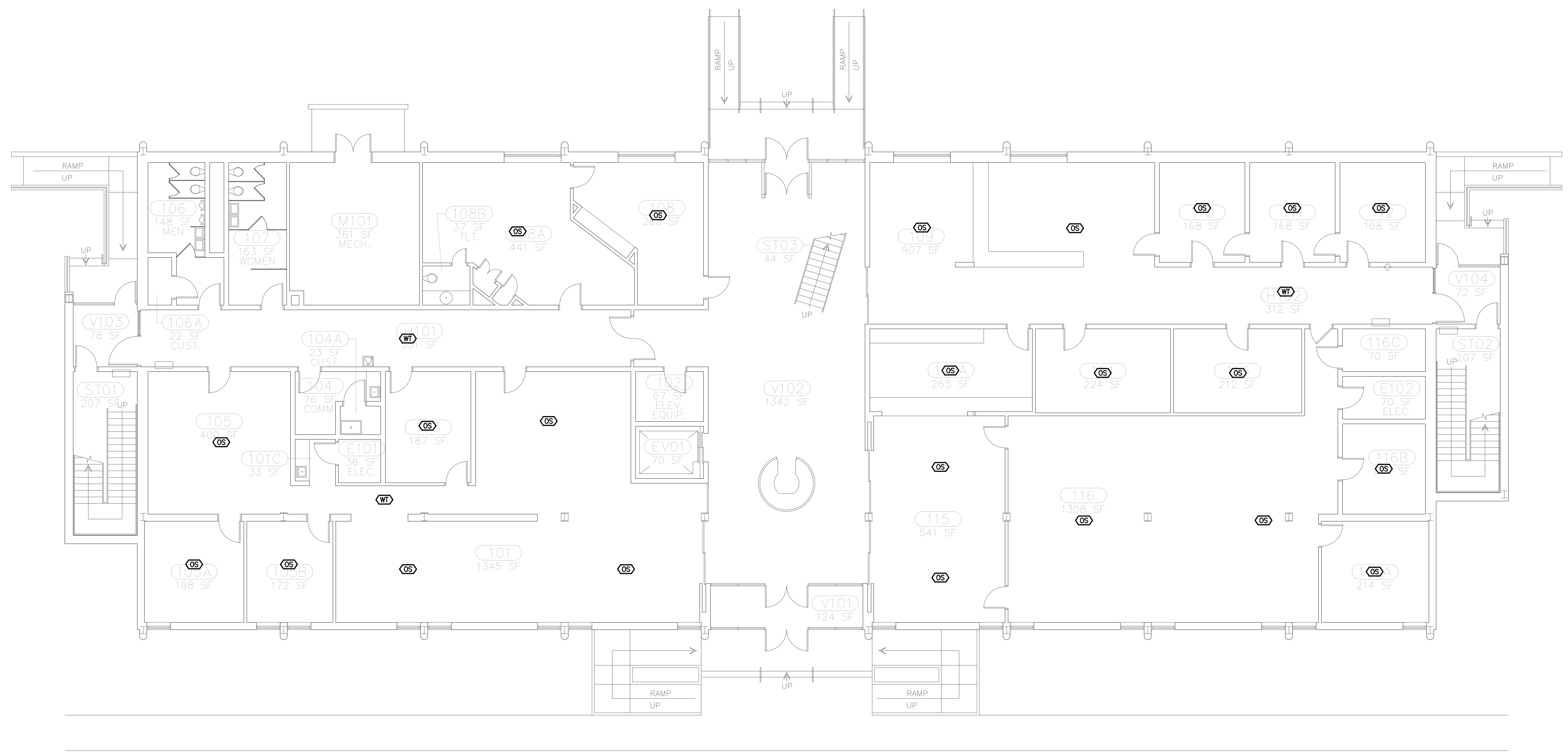


BUILDING:	REVISION:	DATE:	DRAWN BY:	SC	CHECKED BY:		CIP	DRAWN BY:
					DATE	DATE		
REVISION:	DATE:	DRAWN BY:	SC					

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
UNIVERSITY OF SOUTH CAROLINA

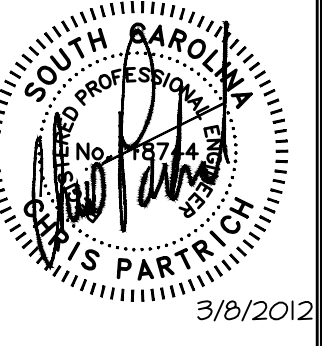
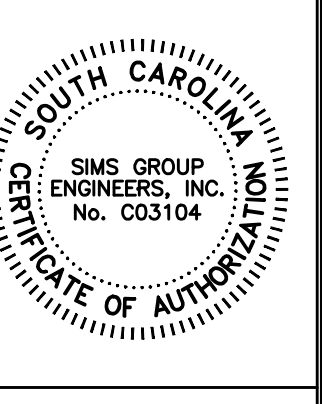
BID SET
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E204
SHEET IN SET:
4 OF 17

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OCCUPANCY SENSOR PLAN - ADMIN. BUILDING - FIRST FLOOR
 SCALE: 1/8"=1'-0"

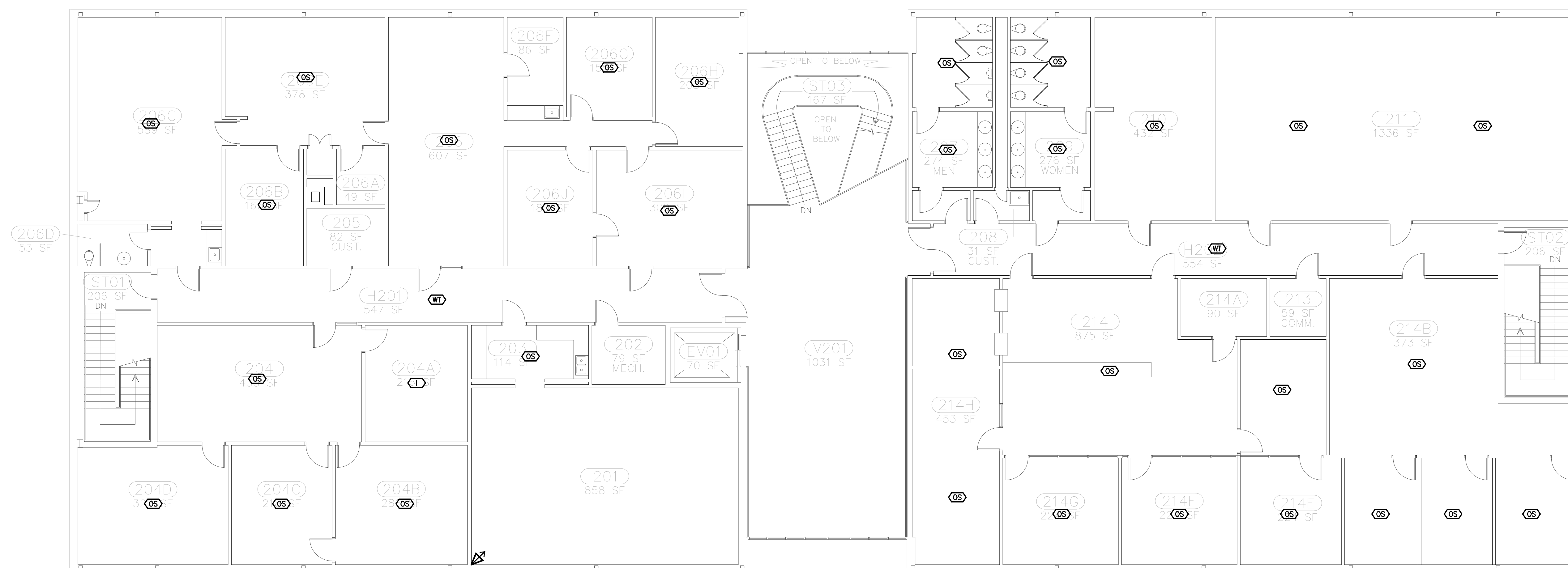
CAMPUS PLANNING
 AND CONSTRUCTION
 COLUMBIA, SC 29208



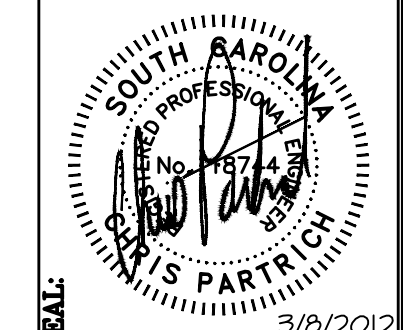
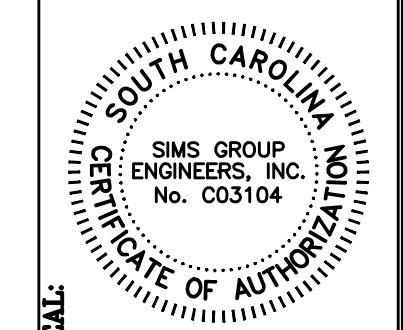
CHECKED BY:	CLIP	DATE	DRAWN BY:	DATE	DESCRIPTION	SC	DATE	DATE	DATE

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
 PROJECT #: H39-9516
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BID SET		C11033
		E205
<small>SIMS GROUP ENGINEERS, INC. 800 Columbiana Drive, Suite 208 Irmo, South Carolina 29063 Phone: (803) 765-1007 Fax: (803) 765-1030 www.simsgruppusa.com</small>		<small>SHEET IN SET: 4 OF 17</small>



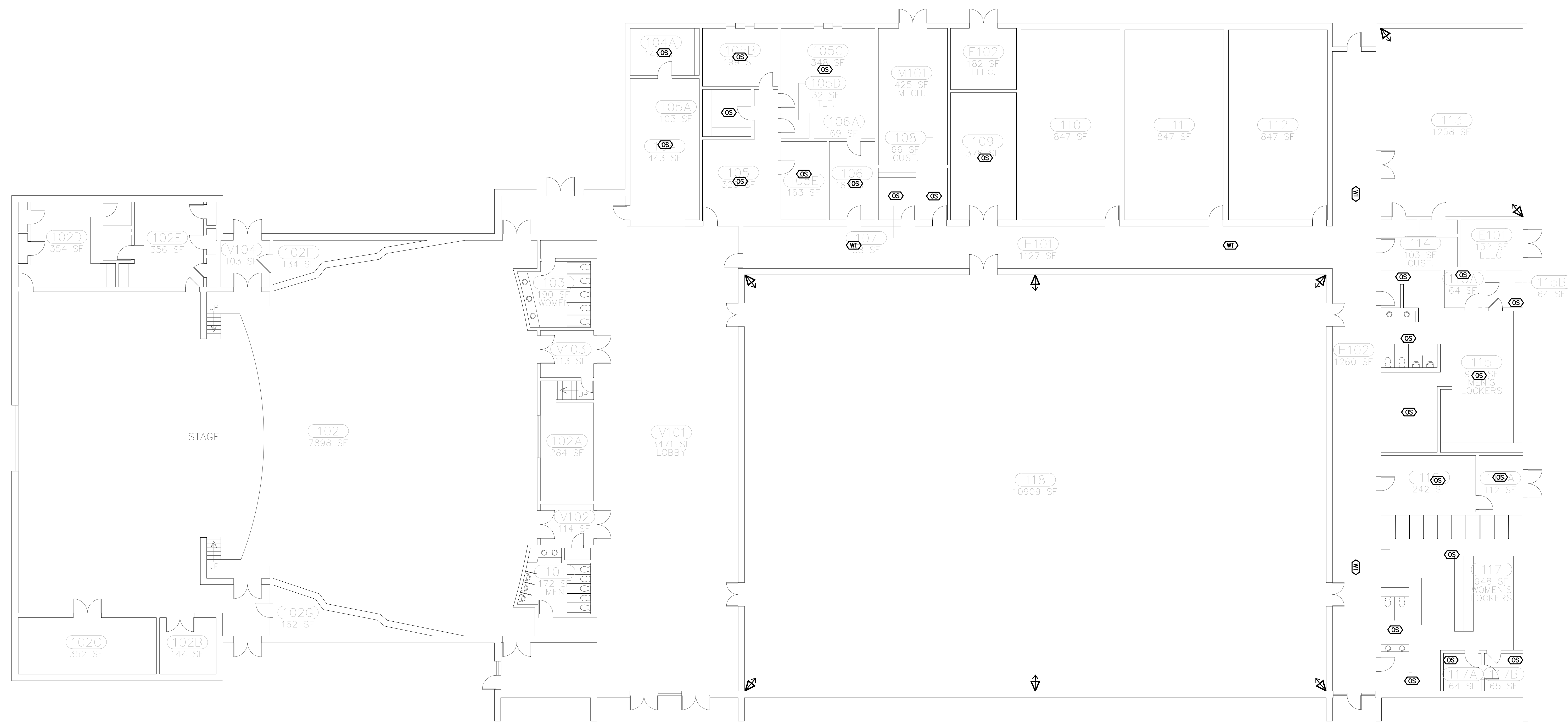
OCCUPANCY SENSOR PLAN - ADMIN. BUILDING - SECOND FLOOR
SCALE: 1/8"=1'-0"



BUILDING:	DRAWING:	DATE:	DRAWN BY:	CHECKED BY:	CIP:	DATE:	DATE:	DATE:	DATE:
		MARCH 2012							

PROJECT TITLE: LIGHTING RETROFIT SIX BUILDINGS
PROJECT #: H39-9516
UNIVERSITY OF SOUTH CAROLINA

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SIMS GROUP ENGINEERS, INC. 800 Columbiana Drive, Suite 208 Irmo, South Carolina 29063 Phone: (803) 765-1007 Fax: (803) 765-1030 www.simsgruppusa.com	
E206	SHEET IN SET: 4 OF 17



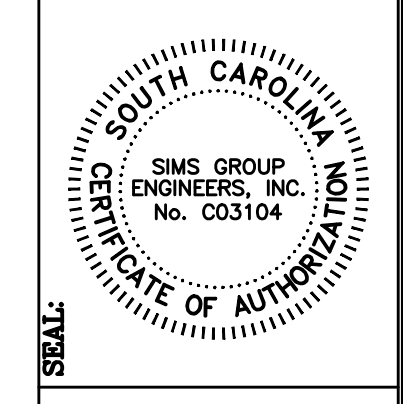
OCCUPANCY SENSOR PLAN - NETTLES BUILDING (ALTERNATE NO. 1)

SCALE: 3/32"=1'-0"

BID SET
sims group
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E207
SHEET IN SET:
4 OF 17

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COLUMBIA, SC 29208



PROJECT TITLE:	PROJECT #:	BUILDING:	DRAWING:	DATE:	MARCH 2012	DRAWN BY:	SC	CHECKED BY:	CLP	DATE:	DRAWN BY												
											ORIG. BY	DATE											
LIGHTING RETROFIT SIX BUILDINGS	H39-9516																						

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