

UNIVERSITY OF
SOUTH CAROLINA
Upstate

TBD
GOODWYN MILLS AND CAWOOD, INC.
GOODWYN MILLS AND CAWOOD, INC.
BURDETTE ENGINEERING, INC.

INDEX OF DRAWINGS	
Sheet Number	Sheet Name
0. GENERAL	
T1.0	TITLE SHEET
3. ARCHITECTURE	
A-101	DEMOLITION AND RENOVATION FLOOR PLANS
A-151	DEMOLITION AND RENOVATION REFLECTED CEILING PLANS
A-201	INTERIOR ELEVATIONS AND FURNITURE PLAN
7. ELECTRICAL	
E-001	ELECTRICAL LEGEND AND SCHEDULES
E-101	ELECTRICAL LIGHTING, POWER AND DEMOLITION PLANS

UPSTATE


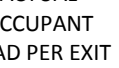

Campus Map Legend

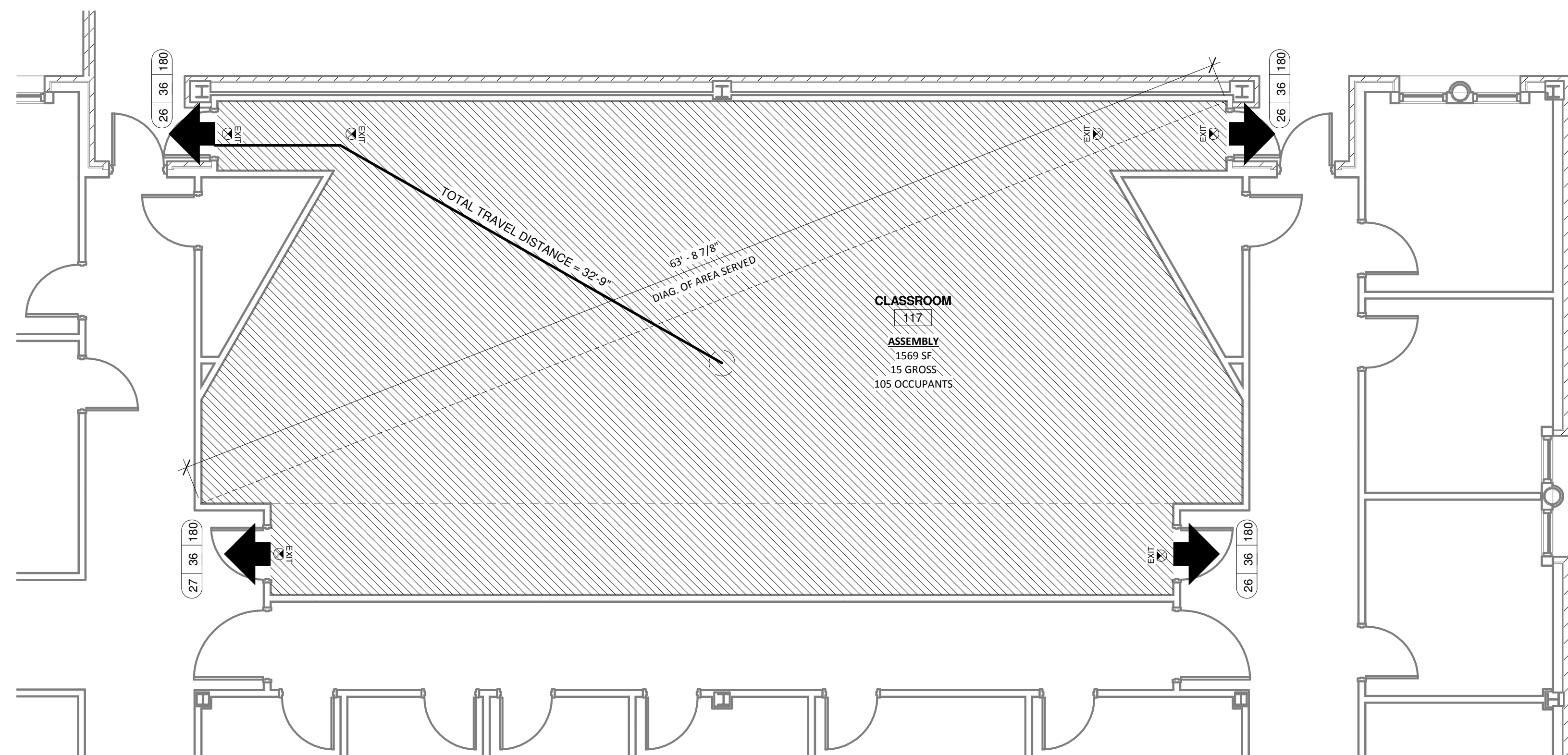
Legend:

- Building
- Parking Lot
- Highway 101
- Main Campus Blvd
- University Way
- Hickory Hall

4 EXIT CLEARLY MARKED IN THE SPACE

LIFE SAFETY LEGEND

ACTUAL OCCUPANT LOAD PER EXIT		OCCUPANTS ALLOWED PER EXIT
	EGRESS DIRECTION	
	ASSEMBLY OCCUPANCY	



SCALE: 3/16" = 1'-0"



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1. CONTRACTOR SHALL REMOVE THE CEILING GRID SYSTEM IN ITS ENTIRETY.
2. CONTRACTORS SHALL REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL AND AUDIO / VISUAL DEMOLITION.

1 DEMOLITION RCP
SCALE: 3/16" = 1'-0"

GENERAL RCP NOTES

1. INTERIOR CEILING HEIGHTS AS INDICATED ON THE REFLECTED CEILING PLANS.
2. REFER TO CONSTRUCTION FLOOR PLANS FOR REQUIRED COMPOSITION OF WALL CONSTRUCTION.
3. LOCATION OF LIGHTS, DIFFUSERS, AND RETURN AIR GRILLES TO BE COORDINATED IN FIELD.

REFLECTED CEILING PLAN LEGEND

CEILING FINISHES:		LIGHTING:	
	2'X2' LAI-IN ACOUSTICAL CEILING AND GRID SYSTEM		NEW 2'X4' LIGHT FIXTURE
	EXISTING GYPSUM BOARD SOFFIT		RECESSED LIGHT FIXTURE
			NEW EXIT SIGN
			CEILING MOUNTED OCCUPANCY SENSOR, SEE ELEC.
			SPEAKER, SEE ELEC.

CEILING FINISH KEY

NUMBER	TYPE	DETAIL DESCRIPTION
ACT	ACOUSTICAL CEILING TILE SYSTEM	REFER TO FINISH SCHEDULE AND LEGEND
EX. GWB	EXISTING GWB SOFFIT	REFER TO FINISH SCHEDULE AND LEGEND

RCP RENOVATION GENERAL NOTES

1. CONTRACTOR TO PROVIDE NEW ACOUSTICAL CEILING GRID AND TILE. REFER TO FINISH LEGEND FOR SPECIFICATION.
2. COORDINATE NEW LIGHTS AND DEVICES WITH ELECTRICAL DRAWINGS.



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DEMOLITION AND RENOVATION REFLECTED CEILING PLANS

A-151
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CASB ROOMS 117 & 144 RENOVATION

Spartanburg, SC 29303

GMC # AGRE130024

OSE# H34-I361

Issue For Bid

ISSUE	DATE
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Issue For Bid	01/17/14
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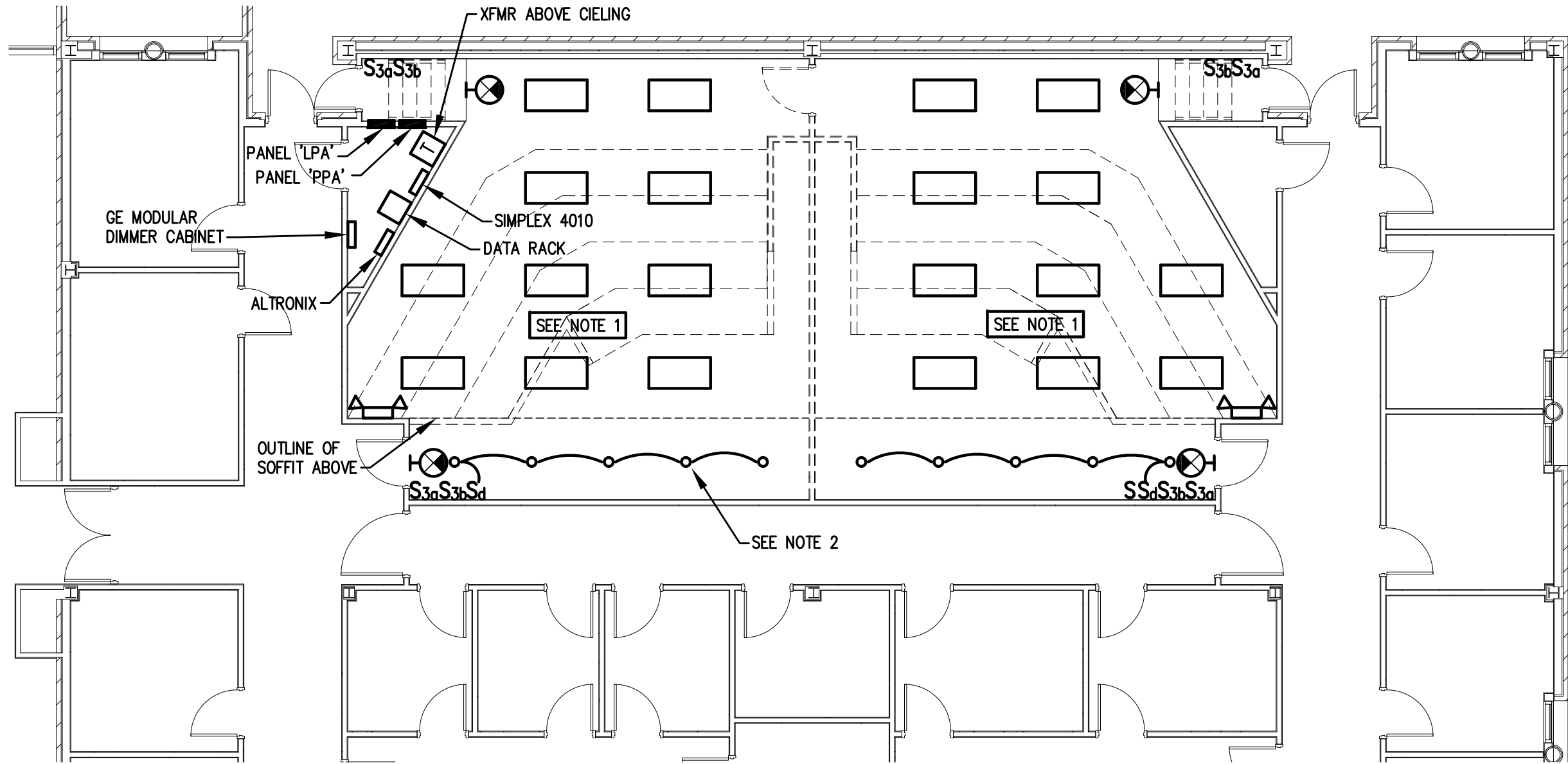
drawn by:	WAS
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checked by:	MEK
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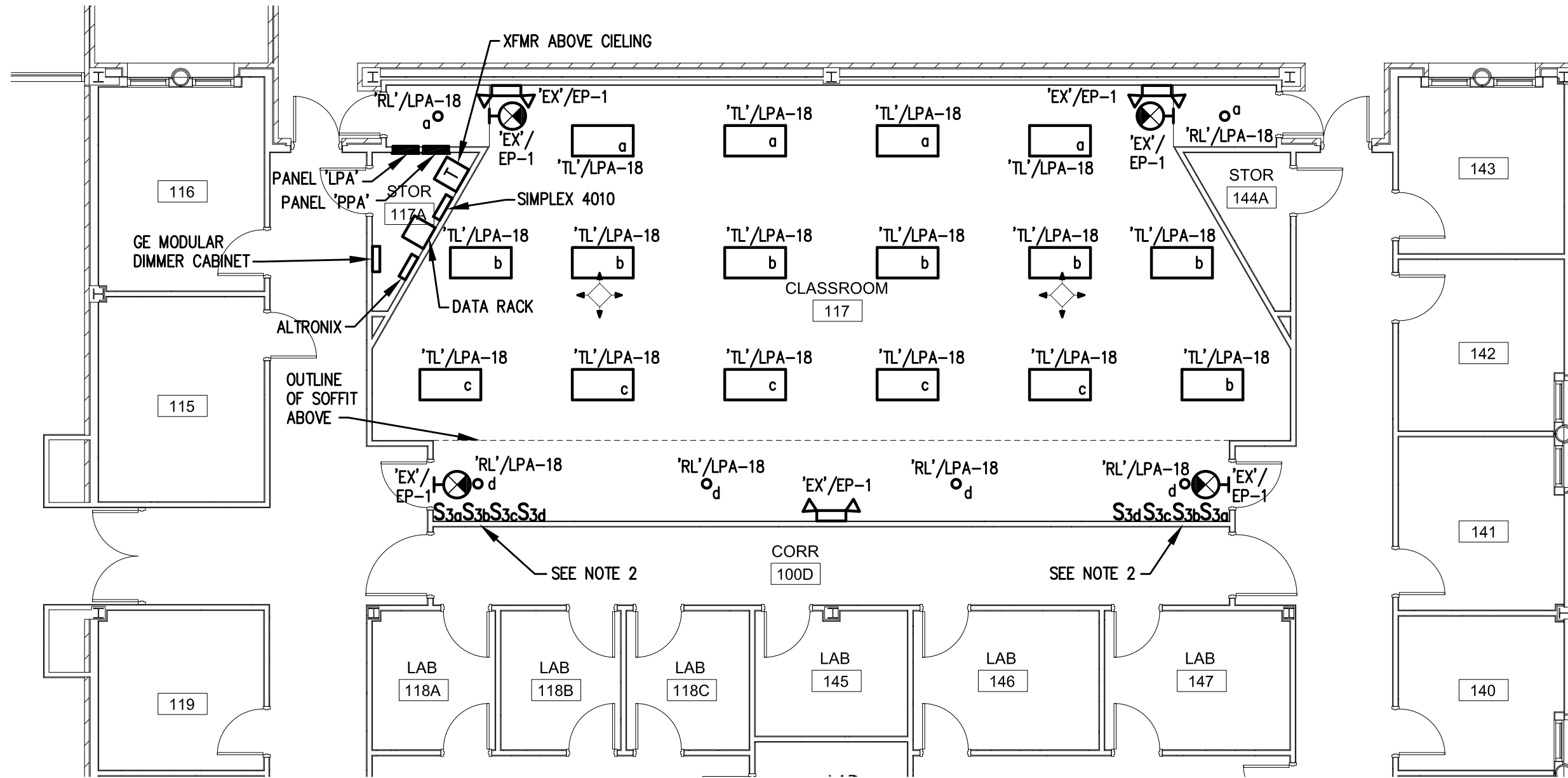
SYMBOL	DESCRIPTION
	HOME RUN TO LIGHTING/SERVICE PANEL. HASH MARKS, WHEN SHOWN, INDICATE NUMBERS OF CONDUCTORS. / INDICATES HOT WIRE, "N" INDICATES NEUTRAL CONDUCTOR, "G" INDICATES GROUND CONDUCTOR. HOME RUN NOTE INDICATES PANEL NAME AND CIRCUIT NAME OR FEEDER TAG. CONDUCTORS SHALL BE #12 AWG IN 3/4" CONDUIT UNLESS NOTED OTHERWISE. ANY HOME RUN OR CONDUIT WITHOUT HASH MARKS IS TO CONTAIN 3 CONDUCTORS; 1 HOT, 1 NEUTRAL, AND 1 EQUIPMENT GROUND, EACH HOT CIRCUIT SHALL BE PAIRED WITH A SEPARATE NEUTRAL CONDUCTOR. SHARING OF NEUTRAL CONDUCTORS BETWEEN CIRCUITS IS NOT ALLOWED.
	EXPOSED CONDUIT
	CONDUIT RUN IN SLAB OR UNDERGROUND.
	CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS, UNLESS NOTED OTHERWISE.
	CONDUIT JUNCTION IN CONDULET OR JUNCTION BOX.
	FLEXIBLE CONDUIT
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	JUNCTION BOX STEM INDICATES WALL MOUNTED
	JUNCTION BOX CEILING MOUNTED
	LIGHTING OR SERVICE PANEL, SURFACE MOUNTED.(208V)
	LIGHTING OR SERVICE PANEL, FLUSH MOUNTED.(208V) PROVIDE 6-3/4" SPARE CONDUITS UP FROM PANEL INTO CEILING SPACE FOR FUTURE
WIRING DEVICES	
NOTE: ALL WIRING DEVICES TO BE IVORY, WITH #302 STAINLESS STEEL COVERPLATE (FLUSH MOUNTED) UNLESS NOTED OTHERWISE ON THE DRAWING OR SPECIFICATIONS.	
SWITCH SYMBOLS	
	SINGLE POLE LIGHTING SWITCH 120-277 VOLT, 20 AMP, SPEC GRADE. LETTER ("G") DESIGNATES WHICH FIXTURES ARE CONTROLLED FROM WHICH SWITCHES WHEN MULTIPLE SWITCHES ARE USED ON ONE CIRCUIT
	SAME AS "S" ABOVE EXCEPT "3" IN SUBSCRIPT DENOTES 3-WAY SWITCH.
	DIMMER SWITCH WITH SLIDE CONTROL
	CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR, COORDINATE EXACT TYPE WITH A/V SYSTEM SUPPLIER.
STRAIGHT BLADE DEVICE SYMBOLS	
	20A, 125V, 2P, 3W, NEMA 5-20R, DUPLEX RECEPTACLE. HUBBELL 5362-1 OR EQUAL. STANDARD POWER. "WP" DENOTES WATERPROOF COVER PLATE. "GFI" DENOTES GFCI TYPE.
	SAME AS "O" ABOVE EXCEPT MOUNTED IN FLOOR BOX.
	SAME AS "O" ABOVE EXCEPT BOTTOM OF OUTLET MOUNTED ABOVE COUNTER HEIGHT
	QUADRUPLEX - TWO DUPLEX OUTLETS MOUNTED IN A TWO GANG BOX WITH TWO GANG COVER PLATE
	SPECIAL RECEPTACLE
	SURFACE WIREMOLD WITH DUPLEX OUTLETS AS INDICATED
FIRE ALARM, COMMUNICATIONS AND CONTROLS	
	COMBINATION DATA/TELEPHONE OUTLET WITH 1" CONDUIT TO ABOVE CEILING, WITH PULL WIRE. JACKS, CABLE AND BOX COVER BY SYSTEM INSTALLER.
	COMBINATION DATA/TELEPHONE OUTLET LOCATED IN FLOOR.
	AREA SMOKE DETECTOR.
	SPEAKER, CEILING MOUNTED
	SPEAKER, WALL MOUNTED
LIGHTING SYMBOLS:	
	2' x 4' CEILING MOUNTED FIXTURE
	SWITCHED FIXTURE WITH EMERGENCY LIGHTED BATTERY BACKUP. ROUTE "HOT" SENSING CIRCUIT TO BATTERY
	SURFACE CEILING MOUNTED OR RECESSED DOWNLIGHT
	EXIT FIXTURE WITH INTEGRAL BATTERIES - ARROW INDICATES ILLUMINATED DIRECTIONAL ARROWS, SHADED SECTION INDICATES FACE WHICH IS ILLUMINATED. STEM INDICATES WALL MOUNTED. ALL EXIT LIGHTS SHALL BE MOUNTED TO THE STRUCTURE.



ELECTRICAL LIGHTING DEMOLITION PLAN
E-101 SCALE: 1/8" = 1'-0"
1/8" = 1'-0"

LIGHTING DEMOLITION NOTES:

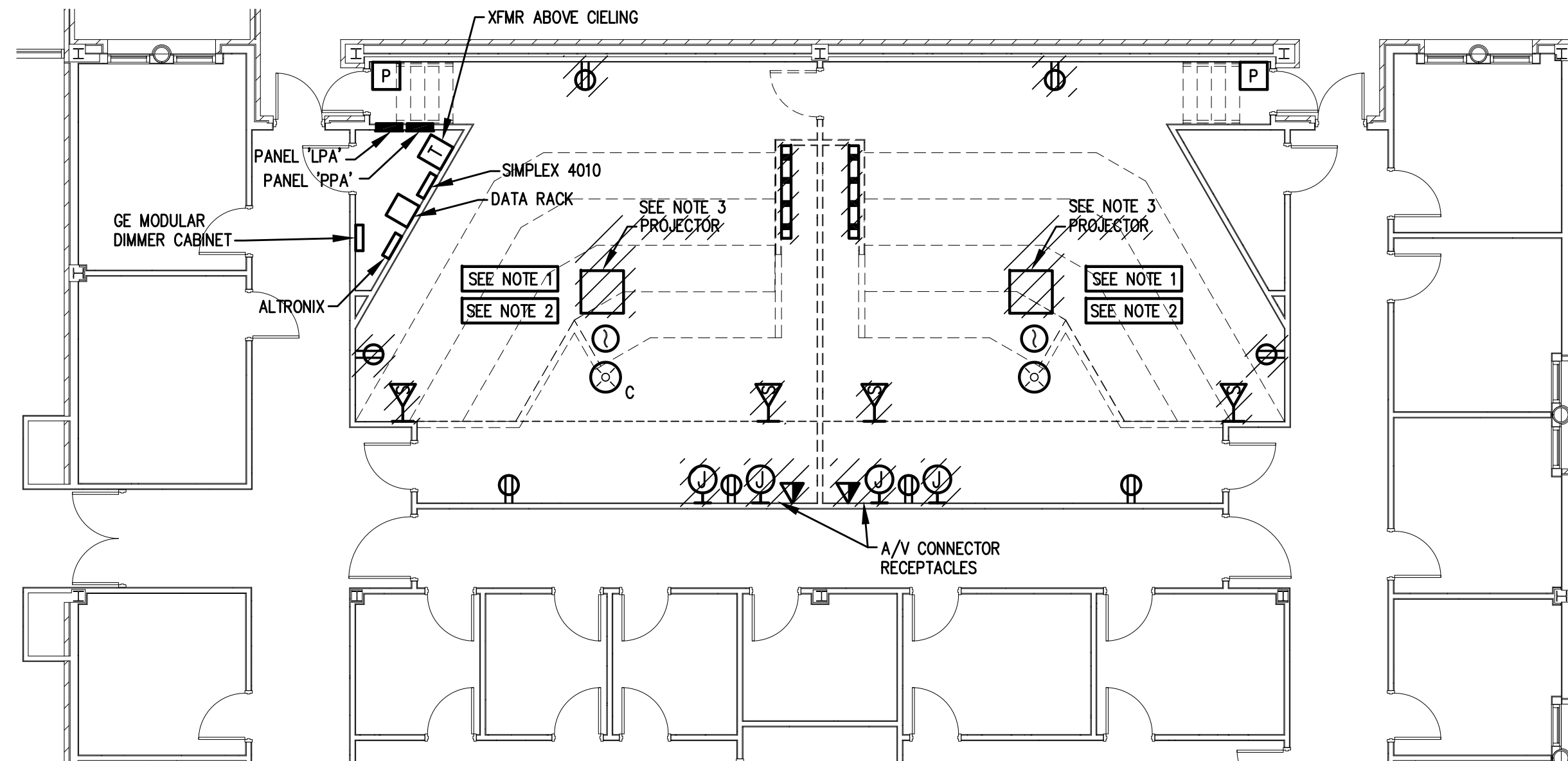
1. EXISTING LIGHT FIXTURES IN THIS ROOM (INCLUDING EXIT SIGNS AND EMERGENCY LIGHTS) AND ALL ASSOCIATED SWITCHES SHALL BE REMOVED AND DISPOSED OF. ASSOCIATED CIRCUITS SHALL BE REUSED AND EXTENDED TO FEED NEW FIXTURES IN THIS ROOM.
2. DOWN LIGHTS IN SOFFIT TO BE REMOVED. PATCH AND REPAIR ALL HOLES IN SOFFIT AFTER FIXTURES HAVE BEEN REMOVED.



ELECTRICAL LIGHTING PLAN
E-101 SCALE: 1/8" = 1'-0"
1/8" = 1'-0"

LIGHTING NOTES:

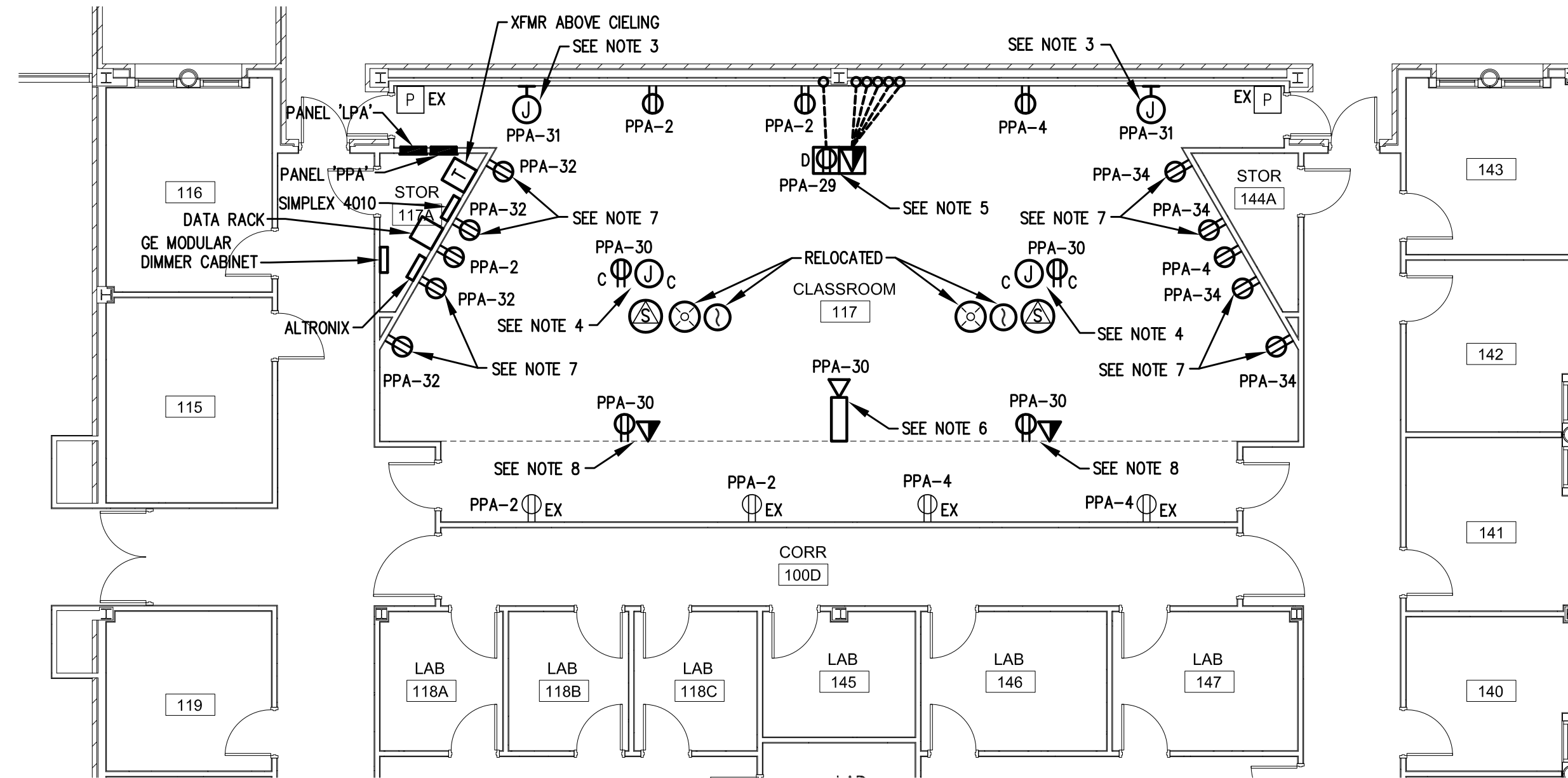
1. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED FIXTURES AND DEVICES.
2. BUTTON DIMMING SWITCH PANEL FOR LIGHTING CONTROL TO BE PROVIDED BY A/V VENDOR. LIGHTING TO BE CONTROLLED VIA REMOTE BUTTON SWITCHES AND A/V CONTROL PANEL AT LECTERN. COORDINATE WITH A/V EQUIPMENT VENDOR AND WITH OWNER IN ORDER TO PROVIDE ALL EQUIPMENT, CONDUIT AND CONNECTIONS FOR LIGHTING, SWITCHES AND OCCUPANCY SENSORS AS NECESSARY TO PROVIDE A COMPLETE AND FUNCTIONING SYSTEM.
3. REWIRE EXISTING CIRCUITS AS NECESSARY TO ACCOMPLISH SWITCHING AS SHOWN.



ELECTRICAL POWER DEMOLITION PLAN
E-101 SCALE: 1/8" = 1'-0"
1/8" = 1'-0"

POWER DEMOLITION NOTES:

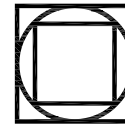
1. EXISTING FIRE ALARM DEVICES IN THIS ROOM SHALL BE REUSED AND RELOCATED. EXTEND EXISTING WIRING TO FEED DEVICES IN NEW LOCATIONS.
2. EXISTING ELECTRICAL DEVICES SHOWN HATCHED SHALL BE REMOVED. ASSOCIATED CIRCUITS MAYBE REUSED AND EXTENDED TO FEED NEW DEVICES IN THIS ROOM. CIRCUITS NOT BEING REUSED SHALL BE REMOVED BACK TO PANELBOARD. ALL OTHER ELECTRICAL DEVICES ARE TO REMAIN UNLESS NOTED OTHERWISE.
3. EXISTING PROJECTOR, PROJECTOR SCREEN, AND ALL ASSOCIATED MOUNTING HARDWARE TO BE REMOVED AND TURNED OVER TO THE OWNER.



ELECTRICAL POWER AND COMMUNICATION PLAN
E-101 SCALE: 1/8" = 1'-0"
1/8" = 1'-0"

POWER NOTES:

1. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED FIXTURES.
2. SEE ARCHITECTURAL ELEVATIONS AND DETAILS AS WELL AS TYPICAL DEVICE MOUNTING HEIGHT DETAIL ON DRAWING E-001 FOR INFORMATION REGARDING DEVICE MOUNTING AND EXACT LOCATIONS.
3. POWER FOR MOTORIZED PROJECTION SCREENS IN CEILING. COORDINATE EXACT CONNECTION LOCATION AND INSTALLATION WITH A/V SYSTEM SUPPLIER. CONTROL FOR SCREEN OPERATION SHALL BE VIA A/V SYSTEM CONTROLS AT LECTERN. COORDINATE CONTROLS WITH A/V SYSTEM SUPPLIER.
4. RECEPTACLE AND JUNCTION BOX MOUNTED IN CEILING FOR POWER AND VIDEO CONNECTION TO PROJECTOR. COORDINATE EXACT LOCATION AND INSTALLATION WITH OWNER.
5. POWER, DATA AND A/V FLOOR BOX FOR CONNECTION TO LECTERN EQUIPMENT SHALL BE OWNER PROVIDED AND CONTRACTOR INSTALLED. PROVIDE 3/4" CONDUIT FROM FLOOR BOX TO ABOVE CEILING FOR CONNECTION TO SPEAKERS. PROVIDE 1" CONDUIT FROM FLOOR BOX TO ABOVE CEILING FOR DATA. PROVIDE 1 EACH 3/4" CONDUIT FROM FLOOR BOX TO EACH PROJECTOR JUNCTION BOX IN CEILING. PROVIDE 1" CONDUIT FROM FLOOR BOX TO ABOVE CEILING FOR A/V.
6. CAMERA CENTERED IN FACE OF SOFFIT. PROVIDE BACK BOX AND 3/4" CONDUIT TO ABOVE CEILING.
7. RECEPTACLES MOUNTED ABOVE TABLETOP HEIGHT FOR POWER CONNECTION TO FURNITURE. COORDINATE EXACT LOCATION AND EXACT CONNECTION TYPE WITH OWNER.
8. LOCATE POWER AND DATA IN FACE OF SOFFIT FOR CONNECTION TO CONFIDENCE MONITORS. COORDINATE EXACT LOCATION WITH OWNER.



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CASB Rooms 117 & 144 Renovations

USC-Update

OSE # H341361

S.D.

ELECTRICAL LIGHTING,
POWER AND DEMOLITION
PLANS

E-101

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ISSUE DATE

S.D.	09/19/13
PROGRESS SET	10/29/13
C.D.	11/01/13
ISSUED FOR BID	01/17/14
drawn by:	TMP
checked by:	PEK, DJB

