CASB ROOMS 117 AND 144 RENOVATION

OSE PROJECT # H34-I361

for

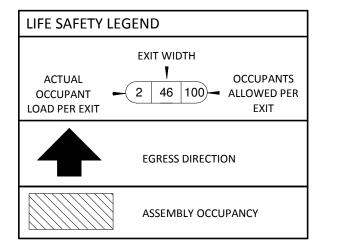
SOUTHCAROLINA SOUTHCAROLINA

PROJECT TEAM

GENERAL CONTRACTOR
ARCHITECTS
INTERIOR DESIGNERS
ELECTRICAL ENGINEERS

TRD

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



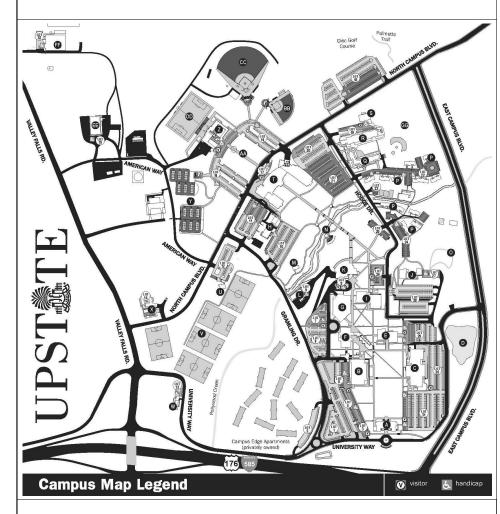
INDEX OF DRAWINGS

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A-151	DEMOLITION AND RENOVATION REFLECTED CEILING PLANS							
A-201	INTERIOR ELEVATIONS AND FURNITURE PLAN							
7. ELECTRICAL								
E-001	ELECTRICAL LEGEND AND SCHEDULES							
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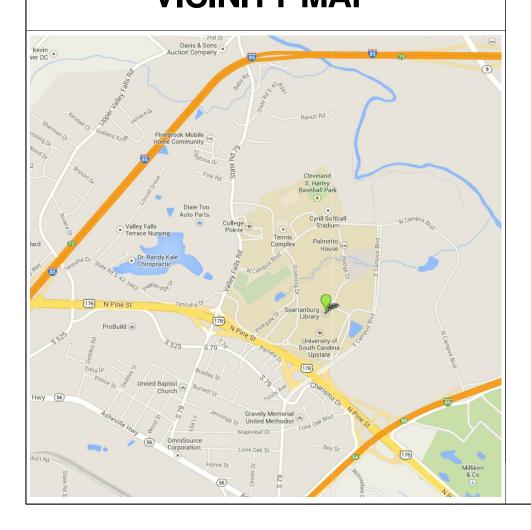
GREENVILLE, SC/

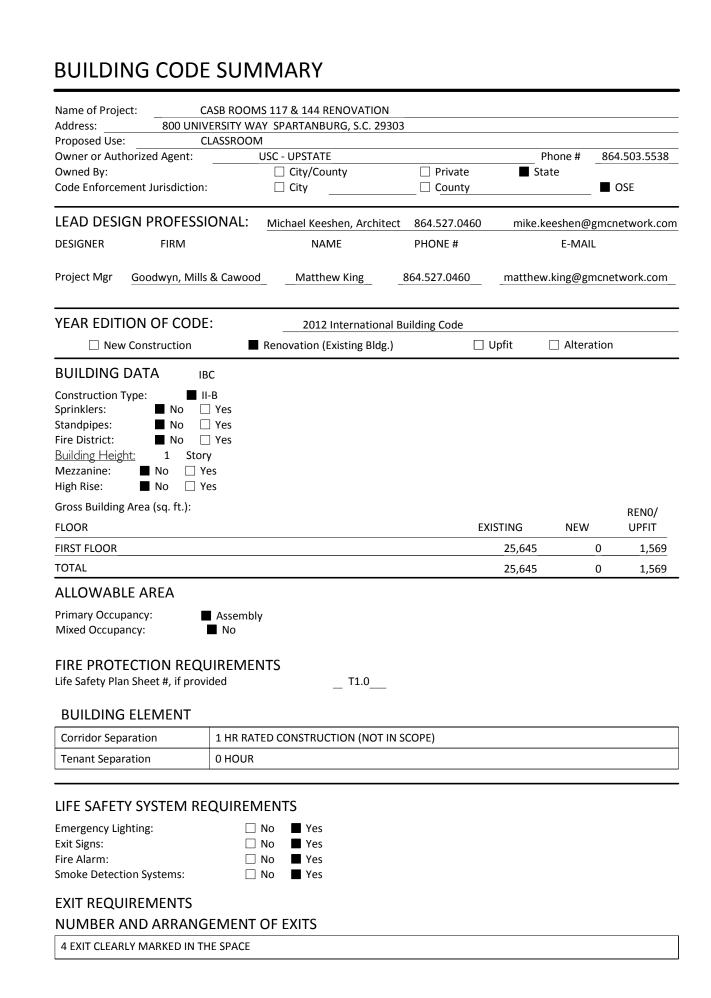
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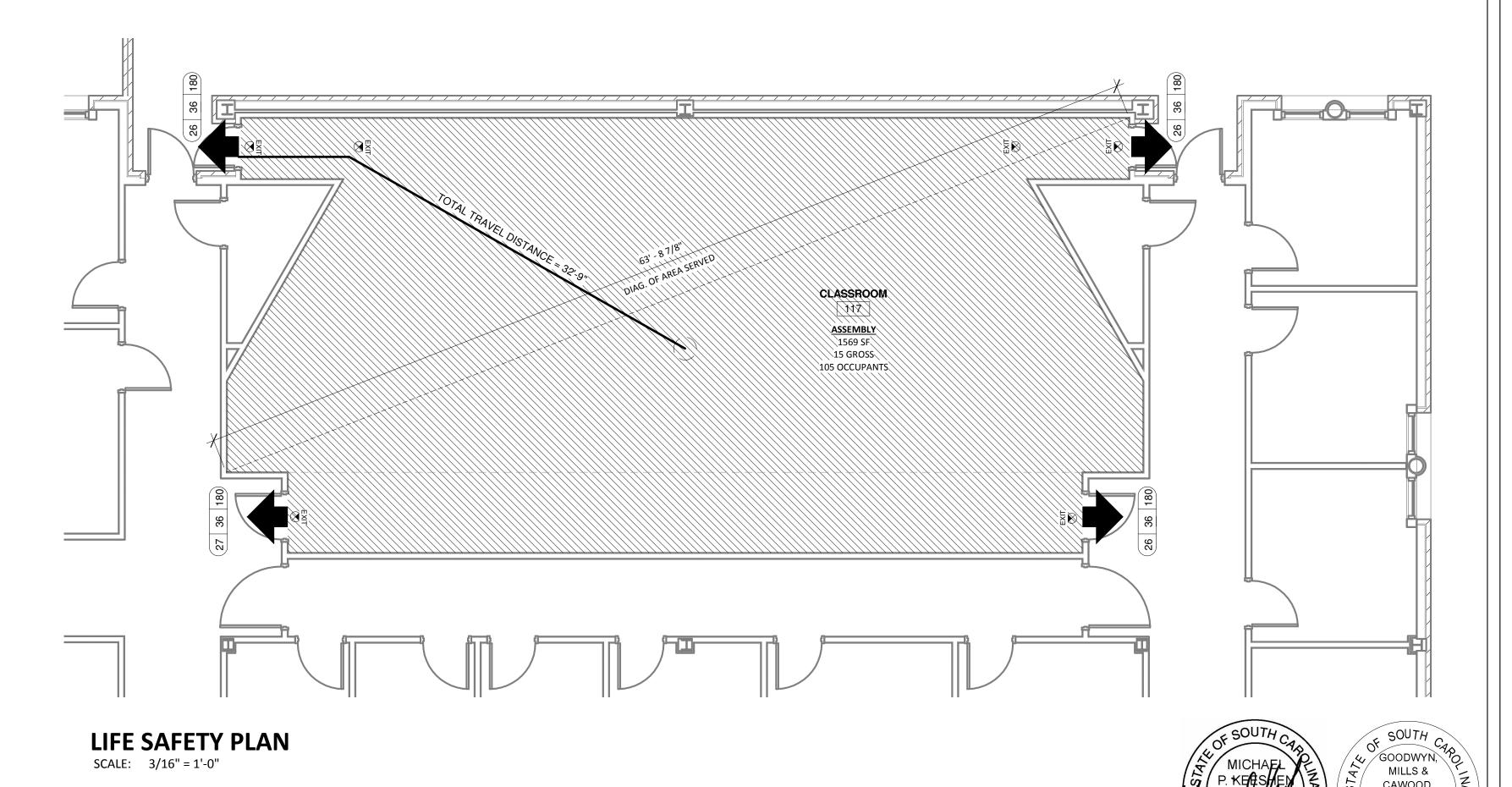
LOCATION MAP

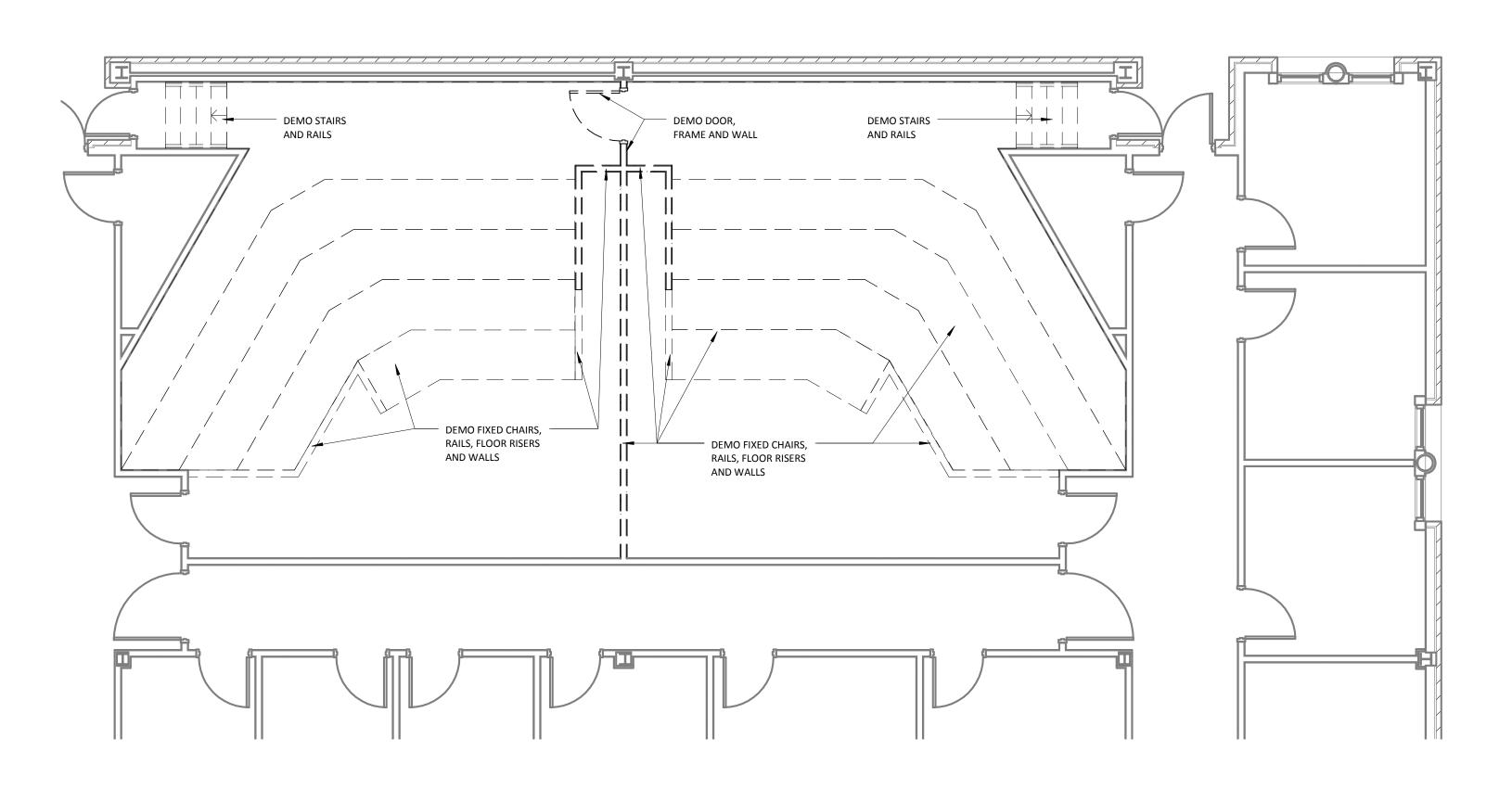


VICINITY MAP

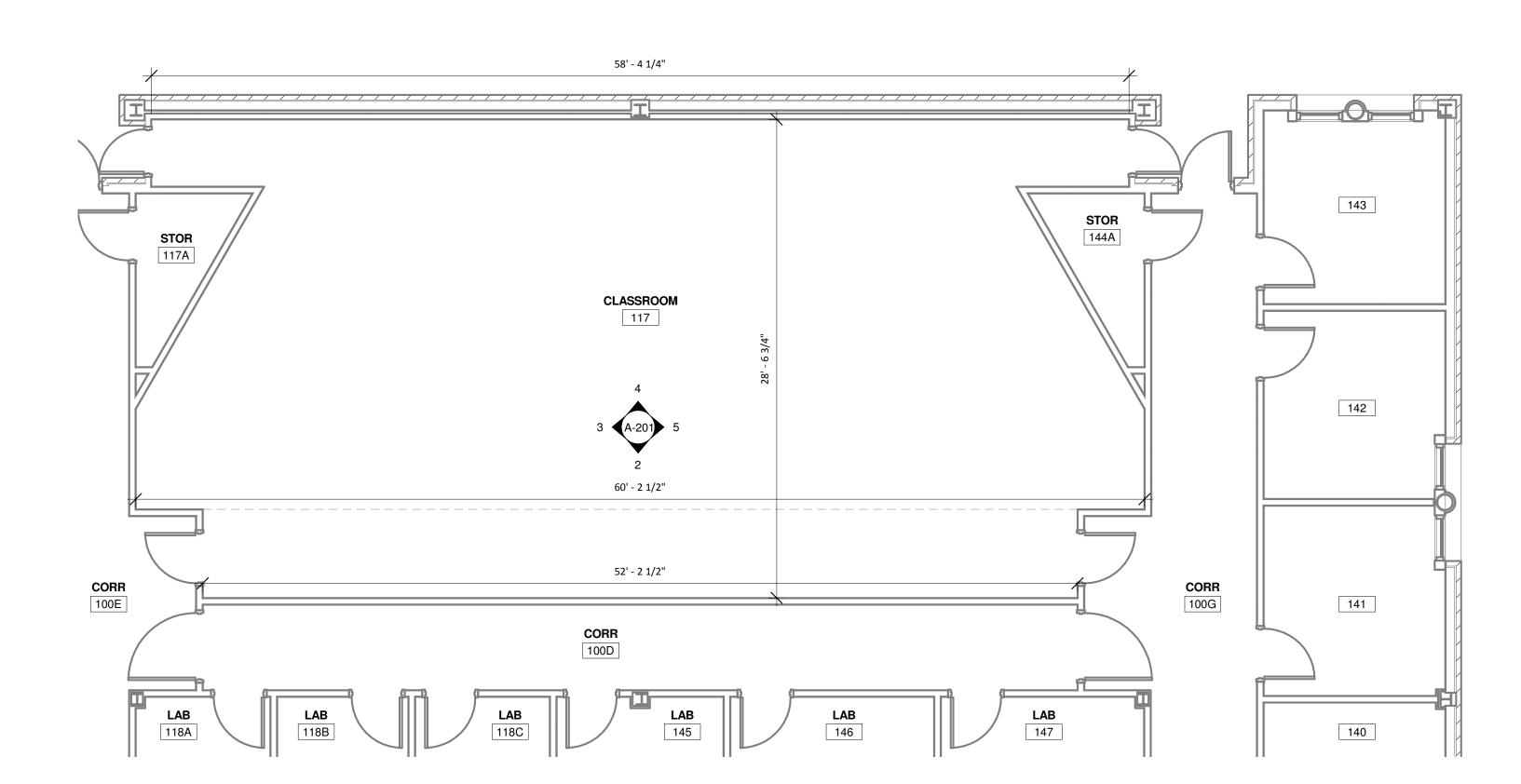








DEMOLITION FLOOR PLANSCALE: 3/16" = 1'-0"



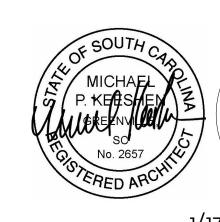
RENOVATION FLOOR PLANSCALE: 3/16" = 1'-0"

DEMOLITION GENERAL NOTES

- CONTRACTOR SHALL PATCH AND REPAIR ALL HOLES IN THE CEILING, WALL, OR FLOOR CAUSED BY DEMOLITION.
- CONTRACTORS SHALL DEMOLISH FIXED SEATING AND DISPOSE OF THEM IN AN APPROPRIATE MANNER
- CONTRACTOR SHALL SALVAGE ALL MARKER BOARDS AND TACK BOARDS. CONTRACTOR TO RE-INSTALL MARKER BOARDS AND TACK BOARDS. COORDINATE WITH OWNER.
- REFER TO ELECTRICAL DRAWINGS FOR REMOVAL OF ELECTRICAL AND AUDIO / VISUAL DEVICES.

RENOVATION GENERAL NOTES

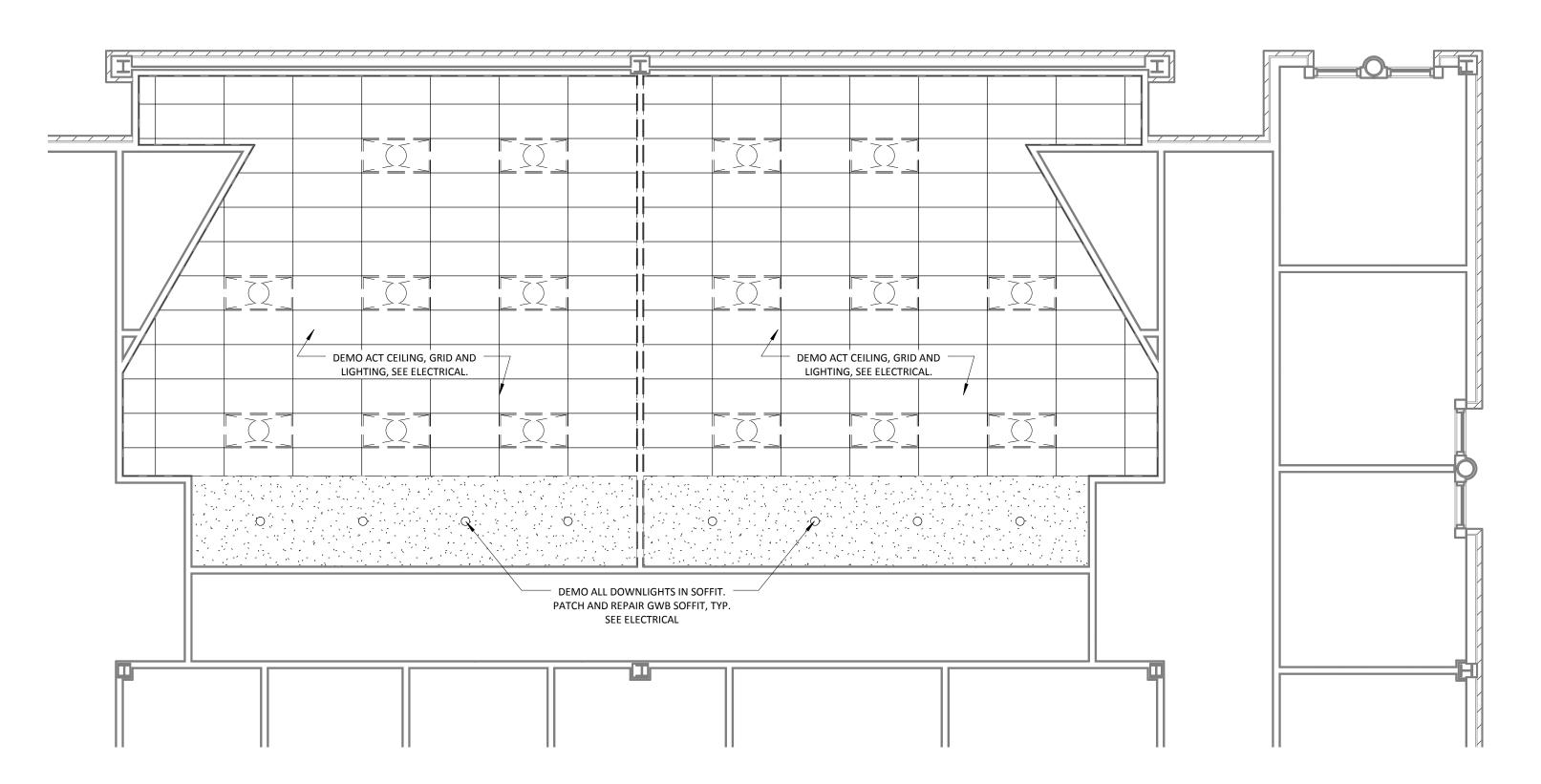
- OWNER TO PROVIDE AND INSTALL ALL FLOOR FINISHES AND RUBBER BASE. COORDINATE WITH OWNER.
- CONTRACTOR SHALL PAINT ALL WALLS, GYPSUM SOFFITS, AND DOOR FRAMES. REFER TO FINISH SCHEDULE.
- CONTRACTOR SHALL COORDINATE WITH USC UPSTATE IT DEPARTMENT REGARDING ALL OWNER PROVIDED TECHNOLOGY EQUIPMENT, INCLUDING BUT NOT LIMITED TO PROJECTION SCREENS, PROJECTOR MOUNTS AND LECTURN. COORDINATE SCHEDULE WITH



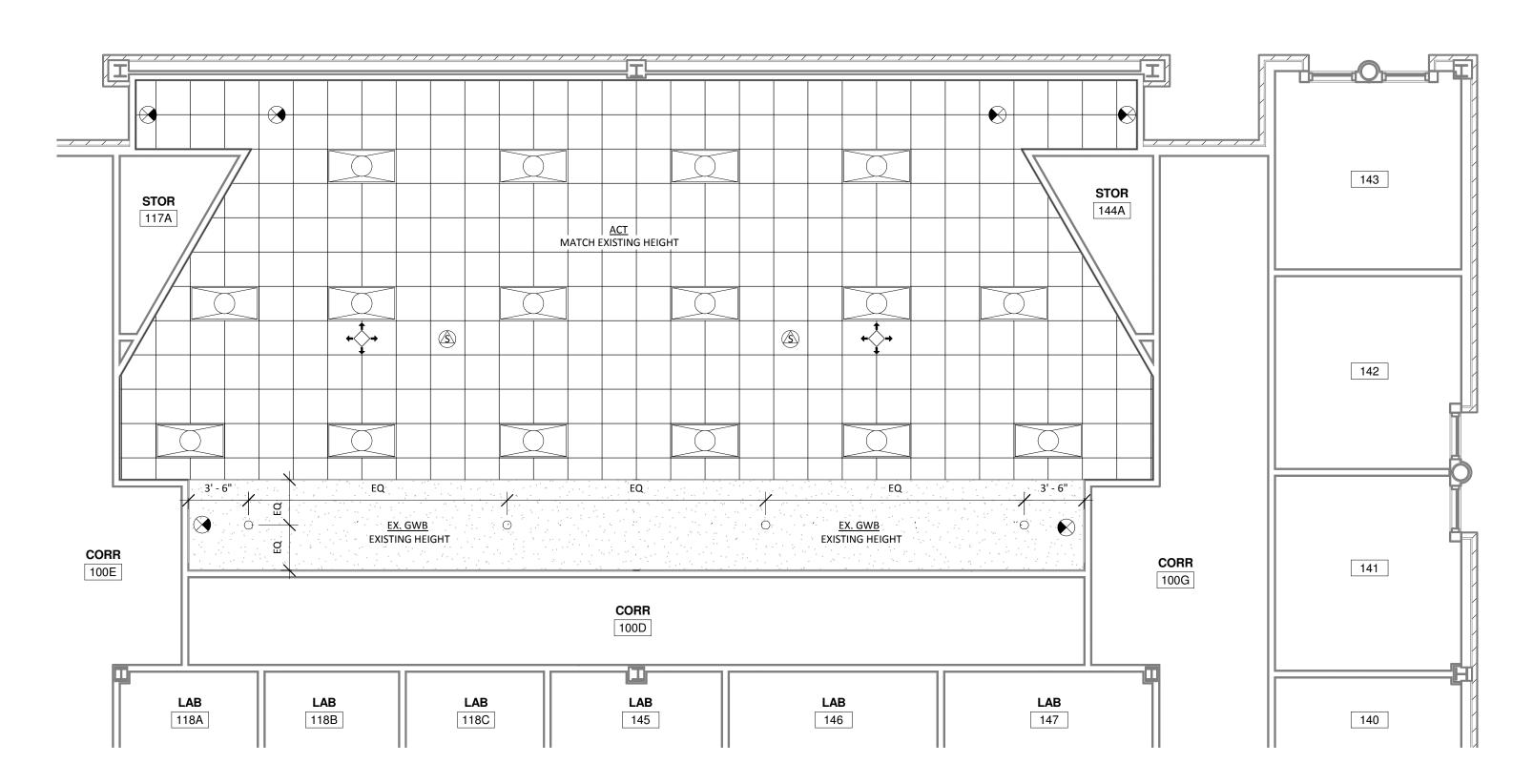
GREENVILLE, SC/

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DEMOLITION AND RENOVATION FLOC



DEMOLITION RCPSCALE: 3/16" = 1'-0"



RCP DEMOLITION GENERAL NOTES

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

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

3. LOCATION OF LIGHTS, DIFFUSERS, AND RETURN AIR GRILLES TO BE COORDINATED IN FIELD.

REFLECTED CEILING PLAN LEGEND

CEILING FINISHES: ACOUSTICAL CEILING

NEW 2X4 LIGHT

AND GRID SYSTEM

EXISTING GYPSUM **BOARD SOFFIT**

FIXTURE RECESSED LIGHT FIXTURE **NEW EXIT SIGN**

CEILING MOUNTED OCCUPANCY SENSOR, SEE ELEC.

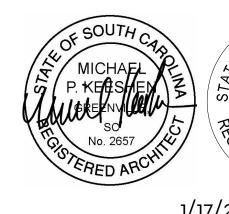
SPEAKER, SEE ELEC.

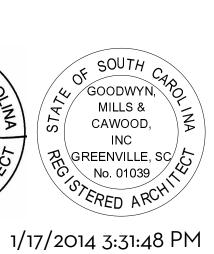
CEILING FINISH KEY

NUMBER	TYPE	DETAIL DESCRIPTION
ACT	ACOUSTICAL	REFER TO FINISH SCHEDULE AND
	CEILING TILE	LEGEND
	SYSTEM	
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.
- COORDINATE NEW LIGHTS AND DEVICES WITH ELECTRICAL DRAWINGS.

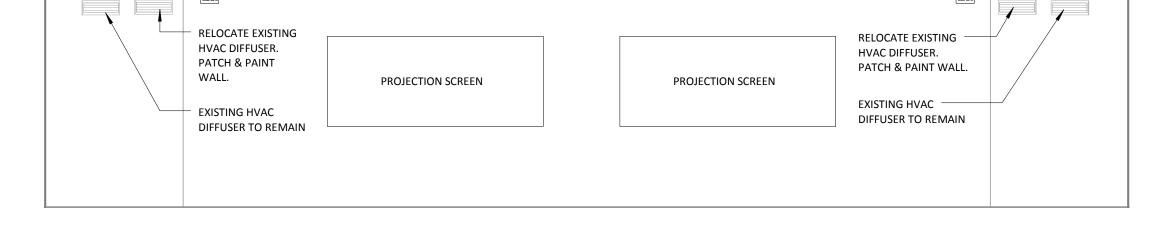




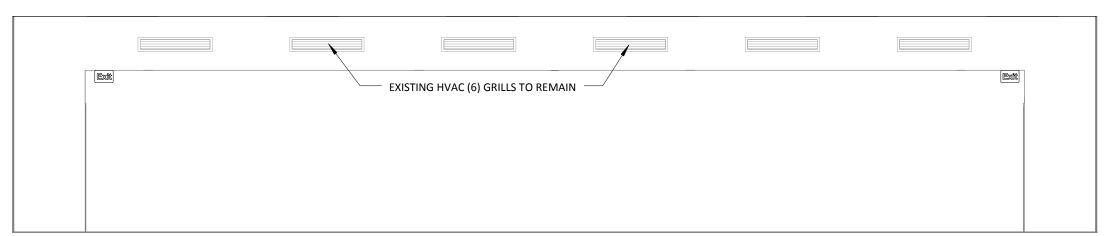
RENOVATION RCPSCALE: 3/16" = 1'-0"

AGRE13C # H34-I361 For Bid

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

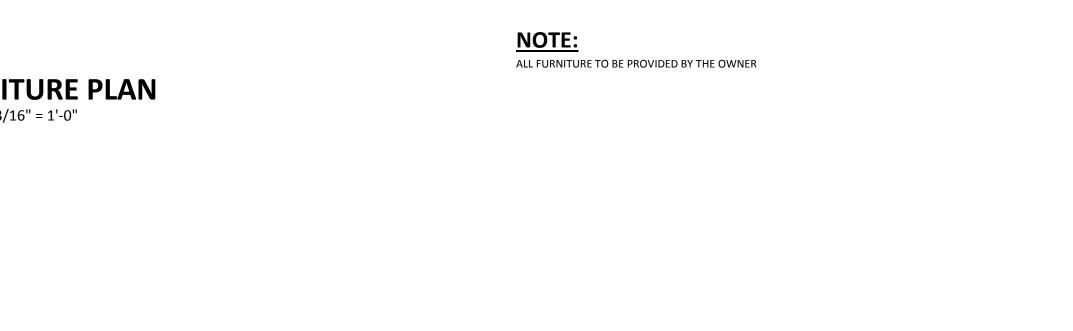


2 INTERIOR ELEVATION SCALE: 3/16" = 1'-0"



STOR 117A

CORR 100E



84 SEATS

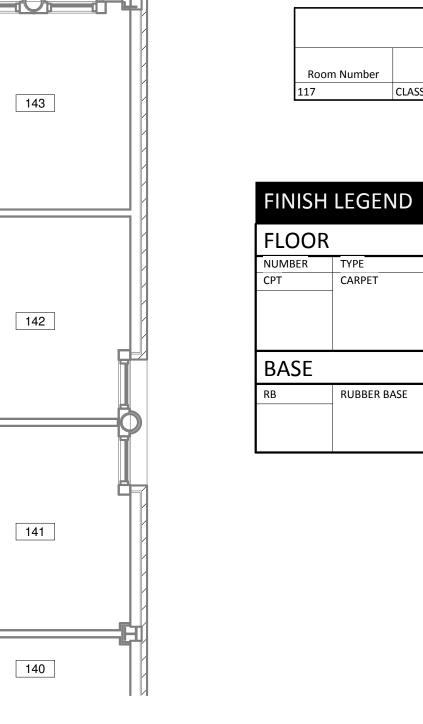
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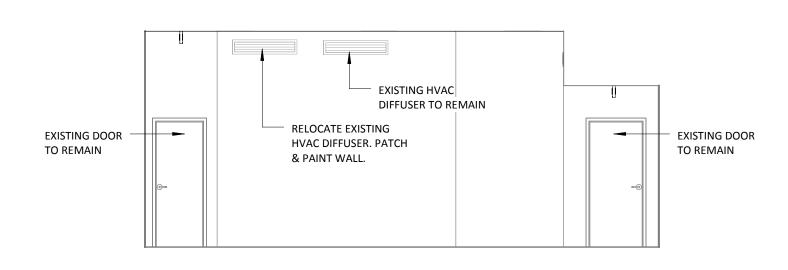
FURNITURE PLAN SCALE: 3/16" = 1'-0"

CLASSROOM

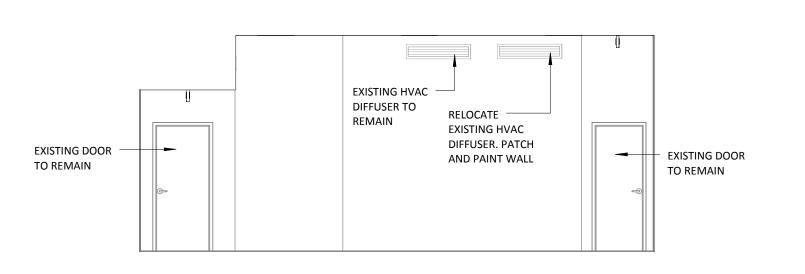


CORR 100G

5 INTERIOR ELEVATION SCALE: 3/16" = 1'-0"



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



FLOOR			WALL			CEILING				
NUMBER	TYPE	DETAIL DESCRIPTION	NUMBER	TYPE	DETAIL DESCRIPTION	NUMBER	TYPE	DETAIL DESCRIPTION		
СРТ	CARPET	PRODUCT BY OWNER	PNT-1	FIELD PAINT	Manufacturer: Sherwin Williams Paints Type: Interior Flat	ACT	ACOUSTICAL CEILING TILE	PRODUCT EQUAL TO Manufacturer: Armstrong		
	PNT-2 ACCENT PA		ACCENT PAINT	Color: Antique White Manufacturer: Sherwin Williams Paints		SYSTEM	Name: Fine Fissured Style: 1728A			
BASE				7.662.11.7711	Type: Interior Flat Color: Pantone 349 USC Upstate Green			Suspension System 15/16" Grid Color: White Size: 24" x 24"		
	T		PNT-3	CEILING	Manufacturer: Sherwin Williams Paints			PRODUCT EQUAL TO Manufacturer: Existing GWB		
RB	RUBBER BASE	PRODUCT BY OWNER			Type: Interior Flat Color: Ceiling White	EX. GWB	EXISTING GWB — SOFFIT			
			PNT-4 HOLLOW		Manufacturer: Sherwin Williams Paints		301111	Color: Ceiling White		
		METAL DOOR Type:Oil Based		Type:Oil Based Color: To Match Base Selection						

ROOM FINISH SCHEDULE											
	Floors				W	alls		Ceilings			
Room Number	Room Name	Floor Finish	Base Finish	N Wall Finish	E Wall Finish	S Wall Finish	W Wall Finish	Ceiling Material	Comments		
117	CLASSROOM	CPT	RB	PNT-2	PNT-1	PNT-1	PNT-1	ACT / EX. GWB	MATCH EXISTING CEILING HEIGHTS		

CASB ROOMS 117 # AGRE13C # H34-I361 For Bid GMC #
OSE# | INTERIOR ELEVATIONS AND FURNITURE PLAN GOODWYN,
MILLS &
CAWOOD,
INC
REENVILLE, SC
No. 01039

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GENERAL LIGHTING NOTES:

- MANUFACTURERS & NUMBERS ARE LISTED TO ESTABLISH QUALITY ONLY AND NOT TO LIMIT COMPETITION. PRIOR TO BIDDING, SUBSTITUTIONS ARE ALLOWED SUBJECT TO SUBMITTAL DATA, PHOTOMETRICS & ENGINEERS APPROVAL AS REQUIRED BY SPECIFICATIONS.
- 2. ALL FIXTURES TO BE U.L. LABELED. ALL EXTERIOR FIXTURES SHALL HAVE U.L. WET LABEL OR DAMP LABEL AS REQUIRED BY LOCATION. CONTRACTOR SHALL VERIFY BEFORE SUBMITTING FIXTURE.
- 3. PROVIDE ALL MOUNTING ACCESSORIES, BAR HANGARS & HARDWARE REQUIRED.

LIGHTING FIXTURE SCHEDULE

FIXTU TYP		ACCEPTABLE MANUFACTURERS MOUNTING HEIGHT	LAMPS	FIXTURE WATTAGE	VOLTAGE
EM	WALL MOUNTED COMMERCIAL GRADE TWIN HEAD EMERGENCY LIGHT WITH BATTERY BACKUP. WHITE FINISH.	DUAL-LITE # EZ-2	(2) 5.4W PAR36 TYPE LAMP HEADS	11	UNIVERSAL VOLTAGE OR MULTI-TAP
EX	UNIVERSAL MOUNTED EXIT SIGN WITH RED LED ON WHITE HOUSING, BATTERY BACKUP, DIFFUSER LENS, SPECIFICATION GRADE, DIE—CAST ALUMINUM WITH WHITE FINISH.	DUAL LITE # SE-S-R-W-E SURELITES # CAX7-1-70-00-R-W LITHONIA # LE-W-1-R-WRS	BY MANUFACTURER	10	UNIVERSAL VOLTAGE OR MULTI-TAP
RL	6" DIAMETER LED DOWNLIGHT, 1250 LUMEN OUTPUT, SOFT SATIN CLEAR REFLECTOR FINISH.	CREE # KR6-13L-35K-277-10V WITH REFLECTOR # KR6T-SSGC-FF .	(1) 1250 LUMEN LED ARRAY	17.4	277V
ΤL	2'x4', 4000 LUMEN LED TROFFER WITH STEEL HOUSING, TEXTURED WHITE REFLECTOR AND DIFFUSING LENS.	CREE # CR24-40L-HE-35K-120/277-10V	4000 LUMEN LED ARRAY	32	277V

PANEL LPA (EXISTING)

VOLTAGE 480Y/277V, 36, 4W

DEVICE BRANCH CIRCUIT

DESIGNATION

LIGHTS RM 174, 175, 177, 178

LIGHTS RM 171, 172, 173

LIGHTS RM 167, 168, 169

LIGHTS RM 150, 151, 152

LIGHTS RM 135, 137

SPACE

SPACE

SPACE

SPACE

SPACE

SPACE

INTEGRATED EQUIPMEN

RATING: 10KAIC

LIGHTS RM 144, 145, 146, 148

LIGHTS RM 139, 140, 141, 142

LIGHTS RM 156, 158, 159, 160

LIGHTS MAIN CORRIDOR

CABINET SURFACE MOUNTED

PHASELOAD

(VOLT-AMPS)

FEEDER BOTTOM

900 2100

8.6

KVA TOTAL

TYPE SQ.D NQOD

BRANCH CIRCUIT

DESIGNATION

LIGHTS E. HALL

4 LIGHTS S. HALL

8 LIGHTS RM 154

10 LIGHTS RM 166

14 LIGHTS RM 164 16 LIGHTS RM 165

MAINS 225A MLO

900 1050 6 LIGHTS W. HALL

1200 2400 12 LIGHTS RM 157

28 SPACE

30 SPACE

32 SPACE 34 SPACE

36 SPACE

38 SPACE

42 SPACE

7.2

PANELBOARD KVA LOAD TOTAL:

PROVIDE FIRESTOPPING THRU ALL RATED (1 HOUR AND ABOVE) WALLS. FIRESTOPPING SHALL BE 3M CP 25WB

CAULK OR FIREDAM 150 CAULK OR EQUAL. FIRESTOPPING SHALL BE AS REQUIRED TO MAINTAIN A U.L.

1050 **614** 18 L.-RM 117

ELECTRICAL GENERAL NOTES:

- INSPECT SITE PRIOR TO SUBMITTING BID. DRAWINGS ARE INTENDED TO COVER THE REQUIRED ELECTRICAL SYSTEMS. DRAWINGS MAY NOT SHOW COMPLETE OR ACCURATE DETAILS OF THE BUILDING OR SYSTEM IN EVERY RESPECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY ADDITIONAL INFORMATION AS REQUIRED.
- 2. CONFORM TO THE NATIONAL ELECTRICAL CODE (2011), IBC (2012), IECC (2009), APPLICABLE NEMA, ANSI AND IEEE PUBLICATIONS, U.L. AND ADA STANDARDS AND OSHA REQUIREMENTS. COMPLY WITH LOCAL, COUNTY, STATE AND NATIONAL CODES HAVING JURISDICTION.
- 3. FURNISH AND INSTALL ALL MATERIALS IN A NEAT AND WORKMANLIKE FASHION. ALL MATERIALS SHALL BE NEW, WITH FIRST QUALITY AND UL LABEL.
- VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO INSTALLATION OF EQUIPMENT AND RACEWAYS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK WITH THAT OF ALL OTHER TRADES AS
- CONDUIT SHALL BE EMT FOR BRANCH CIRCUIT WIRING AS ALLOWED BY NEC. EXCEPT THAT SET SCREW OR CRIMP FITTINGS ARE NOT ALLOWED. WHERE EXPOSED TO PHYSICAL DAMAGE CONDUITS SHALL BE RIGID GALVANIZED STEEL. MINIMUM CONDUIT SIZE SHALL BE 3/4". ALL CONDUCTORS SHALL BE TYPE THHN/THWN. STRANDED 600V COPPER BUILDING WIRE. MINIMUM SIZE SHALL BE #12 AWG COPPER UNLESS NOTED. UNDERGROUND CONDUITS SHALL BE PVC SCHEDULE 40 WITH TRANSITION TO RIGID GALVANIZED STEEL FOR EXPOSED CONDUITS.
- 6. PROVIDE GROUNDING FOR ALL EQUIPMENT IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- 7. ALL ENCLOSURES SHALL BE OF THE NEMA TYPE WHICH IS SUITABLE FOR THE APPLICATION.
- 8. SEAL ALL CONDUIT PENETRATIONS TO MATCH RATING OF WALL BEING PENETRATED.
- 9. ALL WORK SHALL HAVE PROPER LABELING AND NAMEPLATES. ALL CIRCUITS SHALL BE LABELED AT PANELS AND BOXES AS INDICATED. ALL PANELS AND DISCONNECTS ARE TO BE PERMANENTLY MARKED WITH NAME OR EQUIPMENT SERVED. ALL PANELS ARE TO BE PROVIDED WITH TYPEWRITTEN PANEL
- 10. THOROUGHLY CLEAN ALL EQUIPMENT AND SYSTEMS BEFORE PLACING IN OPERATION. RESTORE FINISHED SURFACES IF DAMAGED AND DELIVER THE ENTIRE INSTALLATION IN AN APPROVED CONDITION. INSTRUCT THE OWNERS' PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF THE SYSTEMS. FURNISH TO THE OWNER THREE SETS OF OPERATION AND MAINTENANCE MANUALS FOR EACH SYSTEM.
- 11. GUARANTEE THE WORK INSTALLED FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE. DEFECTS WHICH APPEAR AS A RESULT OF NORMAL USAGE SHALL BE REMEDIED BY THE CONTRACTOR TO THE COMPLETE SATISFACTION OF THE OWNER WITHOUT COST TO THE OWNER.
- 12. CONTRACTOR SHALL KEEP CURRENT A SET OF PLANS FOR THE DURATION OF CONSTRUCTION WITH ALL CHANGES TO WORK NEATLY AND ACCURATELY MARKED IN RED AND SHALL TURN OVER TO OWNER AT COMPLETION OF PROJECT.
- 13. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS OF 2012 IBC AND SHALL BE SUBJECT TO SPECIAL INSPECTION REQUIREMENTS. CHAPTER 17 OF 2012 IBC AS IT RELATES TO ELECTRICAL EQUIPMENT. CONTRACTOR SHALL PROVIDE DRAWINGS FOR ALL INSTALLATION METHODS AND MEET ALL REQUIREMENT PER AUTHORITY HAVING JURISDICTION.
- 14. FLOORBOXES INSTALLED IN CONTACT WITH SLAB ON GRADE SHALL BE CAST TYPE. STAMPED STEEL BOXES ARE ACCEPTABLE ONLY IN ELEVATED SLABS. COORDINATE ALL OPENINGS IN SLAB WITH STRUCTURAL ENGINEER BEFORE OPENING.

DEVICE

	ABBREVIATION	
	I ADDREVIA HUN	

AFF ABOVE FINISH FLOOR **ACH** ABOVE COUNTER HEIGHT

AL ALUMINUM **BKR** BREAKER

COPPER CKT CIRCUIT DEDICATED OUTLET

> **DWG** DRAWING **EC** ELECTRICAL CONTRACTOR

EX EXISTING FUSE

FWE FURNISHED WITH EQUIPMENT **GFI** GROUND FAULT INTERRUPTER DEVICE

LTG LIGHTING (L.) MLO MAIN LUGS ONLY

MCB MAIN CIRCUIT BREAKER

MFR MANUFACTURER NTS NOT TO SCALE

PHASE PNL PANEL **RECPT** RECEPTACLE (R.)

REQD REQUIRED **SW** SWITCH

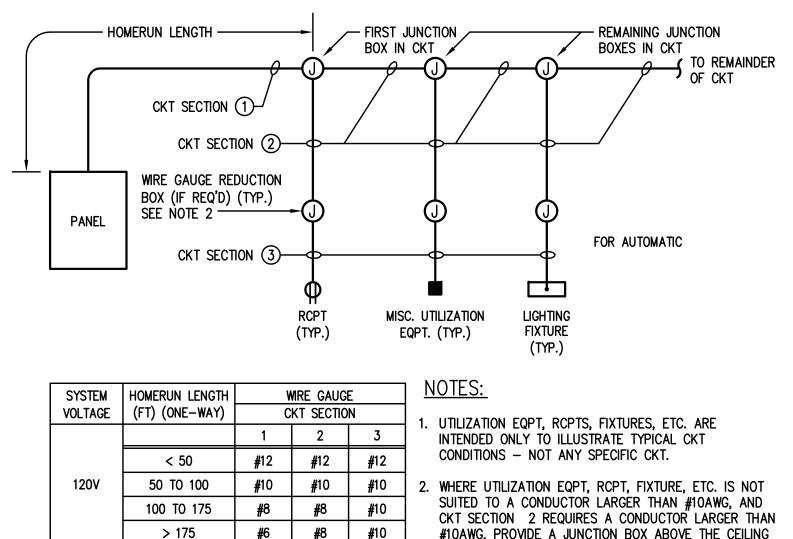
UNO UNLESS NOTED OTHERWISE

WP WEATHER PROOF **XFMR** TRANSFORMER

	208Y/120V, 3φ, 4W	_ F	EEDER	BOT										
	DDANCH CIDCUIT			ы	OM			MA	INS	150A MLO				
10	DEVICE BRANCH CIRCUIT				PHASE	LOAD				BRANCH CIRCUIT		DEV	/ICE	
NOTES	DESIGNATION	GNATION No.				(VOLT-AMPS)		фС	DESIGNATION				POLES	AMPS
	REC. RM 182, 183	1	1260	1080	T		¥		2	RRM 117, 117A	1	1	20	
	REC. RM 179, 180	3			1440	900			4	RRM 117, 144A	1	1	20	
	REC. RM 177, 178	5					1440	1440	6	REC. RM 164	\top	1	20	
	REC. RM 174, 175	7	1440	900					8	REC. RM 165	\top	1	20	
	REC. RM 172, 173	9			1440	1080			10	REC. RM 166	\top	1	20	
	REC. RM 171	11					720	720	12	REC. RM 154	\top	1	20	
	REC. RM 168, 169	13	1440	1080					14	REC. RM 154	\top	1	20	
	REC. RM 152, 167	15			1440	1260			16	REC. RM 155,156	\top	1	20	
	REC. RM 150, 151	17					1440	1260	18	REC. RM 158, 159, 160	\top	1	20	
	REC. RM 146, 148	19	1440	900		,			20	REC. RM 157	\top	1	20	
	REC. RM 144, 145	21			1440	1080			22	REC. RM 157	\top	1	20	
	REC. RM 141, 142	23					1440	720	24	REC. E. HALL	\top	1	20	
	REC. RM 139, 140	25	1440	540					26	REC. S. HALL	\top	1	20	
	REC. RM 135, 137	27	·		720	900			28	REC. W. HALL	\top	1	20	
1	RFLOOR BOX RM 117	29					1200	1200	30	RPROJECTORS, MONITORS, CAMERAS	2	1	20	
1	MOTORIZED SCREENS RM 117	31	1000	1440			•		32	RWEST TABLES RM 117	2	1	20	
	SPACE	33				1440			٠.		2	1	20	
	SPACE	35												
	SPACE	37												
	SPACE	39												
	SPACE	41							42	SPACE				
	1 1	REC. RM 182, 183 REC. RM 179, 180 REC. RM 177, 178 REC. RM 174, 175 REC. RM 172, 173 REC. RM 168, 169 REC. RM 152, 167 REC. RM 150, 151 REC. RM 146, 148 REC. RM 144, 145 REC. RM 139, 140 REC. RM 135, 137 1 R-FLOOR BOX RM 117 1 MOTORIZED SCREENS RM 117 SPACE SPACE SPACE	REC. RM 182, 183 1 REC. RM 179, 180 3 REC. RM 177, 178 5 REC. RM 177, 178 7 REC. RM 174, 175 7 REC. RM 172, 173 9 REC. RM 168, 169 13 REC. RM 152, 167 15 REC. RM 150, 151 17 REC. RM 146, 148 19 REC. RM 144, 145 21 REC. RM 144, 145 21 REC. RM 139, 140 25 REC. RM 139, 140 25 REC. RM 135, 137 27 REC. RM 135, 137 27 REC. RM 172 29 REC. RM 174 29 REC. RM 175 29 REC. RM	REC. RM 182, 183 1 1260 REC. RM 179, 180 3 REC. RM 177, 178 5 REC. RM 174, 175 7 1440 REC. RM 172, 173 9 REC. RM 168, 169 13 1440 REC. RM 152, 167 15 REC. RM 150, 151 17 REC. RM 146, 148 19 1440 REC. RM 144, 145 21 REC. RM 144, 145 21 REC. RM 139, 140 25 1440 REC. RM 135, 137 27 1 R-FLOOR BOX RM 117 29 1 MOTORIZED SCREENS RM 117 31 1000 SPACE 35 SPACE 37 SPACE 39 SPACE 39 SPACE 41	REC. RM 182, 183 1 1260 1080 REC. RM 179, 180 3 REC. RM 177, 178 5 REC. RM 174, 175 7 1440 900 REC. RM 172, 173 9 REC. RM 168, 169 13 1440 1080 REC. RM 152, 167 15 REC. RM 150, 151 17 REC. RM 146, 148 19 1440 900 REC. RM 144, 145 21 REC. RM 144, 145 21 REC. RM 139, 140 25 1440 540 REC. RM 135, 137 27 1 R-FLOOR BOX RM 117 29 1 MOTORIZED SCREENS RM 117 31 1000 1440 SPACE 35 SPACE 37 SPACE 39 SPACE 39 SPACE 41	REC. RM 182, 183 1 1260 1080 REC. RM 179, 180 3 1440 REC. RM 177, 178 5 REC. RM 174, 175 7 1440 900 REC. RM 172, 173 9 1440 REC. RM 168, 169 13 1440 1080 REC. RM 152, 167 15 17 REC. RM 150, 151 17 REC. RM 146, 148 19 1440 900 REC. RM 144, 145 21 1440 REC. RM 141, 142 23 REC. RM 139, 140 25 1440 540 REC. RM 135, 137 27 720 1 R-FLOOR BOX RM 117 29 1 MOTORIZED SCREENS RM 117 31 1000 1440 SPACE 35 SPACE 37 SPACE 39 SPACE 39 SPACE 41	REC. RM 182, 183 REC. RM 179, 180 REC. RM 177, 178 REC. RM 174, 175 REC. RM 172, 173 REC. RM 168, 169 REC. RM 152, 167 REC. RM 150, 151 REC. RM 144, 145 REC. RM 144, 145 REC. RM 141, 142 REC. RM 139, 140 REC. RM 139, 140 REC. RM 135, 137 1 R-FLOOR BOX RM 117 SPACE S	REC. RM 182, 183	REC. RM 182, 183	REC. RM 182, 183	REC. RM 182, 183 1 1 260 1080 2 R-RM 117, 117A 4 R-C. RM 179, 180 3 1440 900 4 R-C. RM 177, 178 5 1440 900 8 REC. RM 174, 175 7 1440 900 8 REC. RM 174, 175 7 1440 1080 10 REC. RM 165 10 REC. RM 166 REC. RM 166 REC. RM 171 11 11 720 720 720 12 REC. RM 166 REC. RM 166 REC. RM 168, 169 13 1440 1080 1440 1260 14 REC. RM 154 REC. RM 155, 156 REC. RM 150, 151 17 1440 1260 15 REC. RM 150, 151 17 1440 1080 20 REC. RM 158, 159, 160 REC. RM 144, 145 21 1440 1080 20 REC. RM 144, 145 21 1440 1080 20 REC. RM 157 REC. RM 141, 142 23 REC. RM 141, 142 23 1440 1080 20 REC. RM 141, 142 23 REC. RM 139, 140 25 1440 540 REC. RM 139, 140 25 1440 540 REC. RM 135, 137 27 720 900 12 REC. RM 158, 137 27 8 REC. RM 135, 137 27 8 REC. RM 135, 137 27 8 REC. RM 135, 137 29 1200 1200 30 R-PROJECTORS, MONITORS, CAMERAS 1440 SPACE 35 SPACE 36 SPACE 41 41 41 41 42 SPACE 36 SPACE 41 41 41 41 42 SPACE 37 38 SPACE 39 40 SPACE 39 SPACE 41 580 SPACE 42 SPACE	REC. RM 182, 183 1 1 260 1080 2 R-RM 117, 117A 1 REC. RM 179, 180 3 1440 900 4 R-RM 117, 117A 1 REC. RM 177, 178 5 1440 900 8 REC. RM 174, 175 7 1440 900 8 REC. RM 174, 175 7 1440 1080 7 1080 10 REC. RM 166 7 REC. RM 171 11 7 11	REC. RM 182, 183 1 1 1260 1080 2 R-RM 117, 117A 1 1 1 REC. RM 179, 180 3 1440 900 4 R-RM 117, 117A 1 1 1 1 REC. RM 177, 178 5 1 1440 900 8 REC. RM 164 1 1 1 1 REC. RM 174, 175 7 1440 900 8 REC. RM 174, 175 7 1440 900 8 REC. RM 174, 175 7 1440 1080 10 REC. RM 166 1 1 REC. RM 176 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

PANEL NOTES:

EXISTING BREAKER, MODIFIED LOAD. 2. NEW CIRCUIT BREAKER TO REPLACE EXISTING 3-POLE BREAKER.

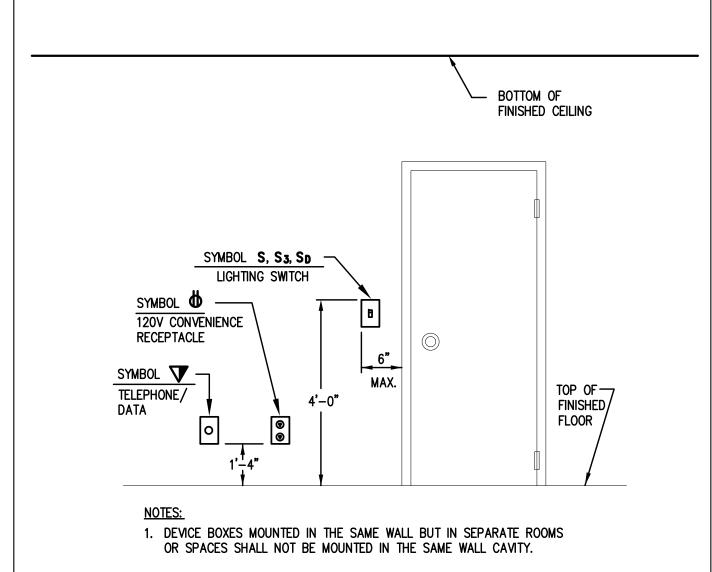


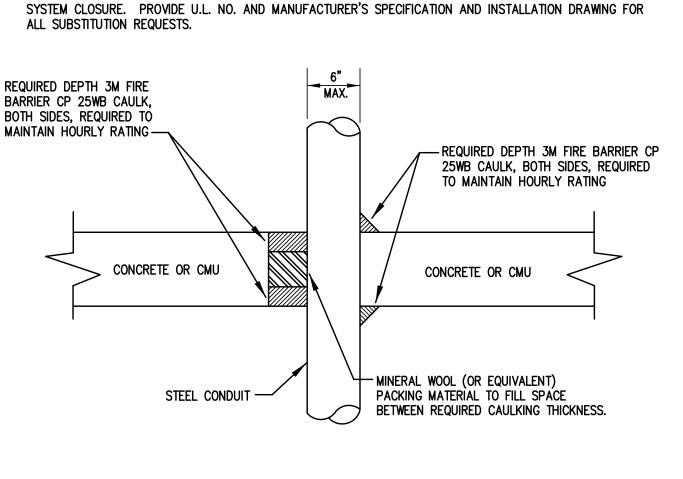
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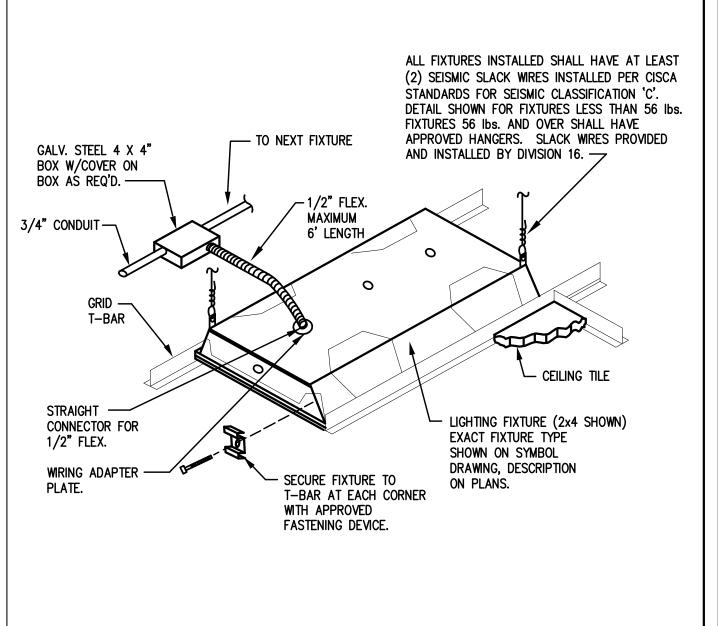
150 TO 275

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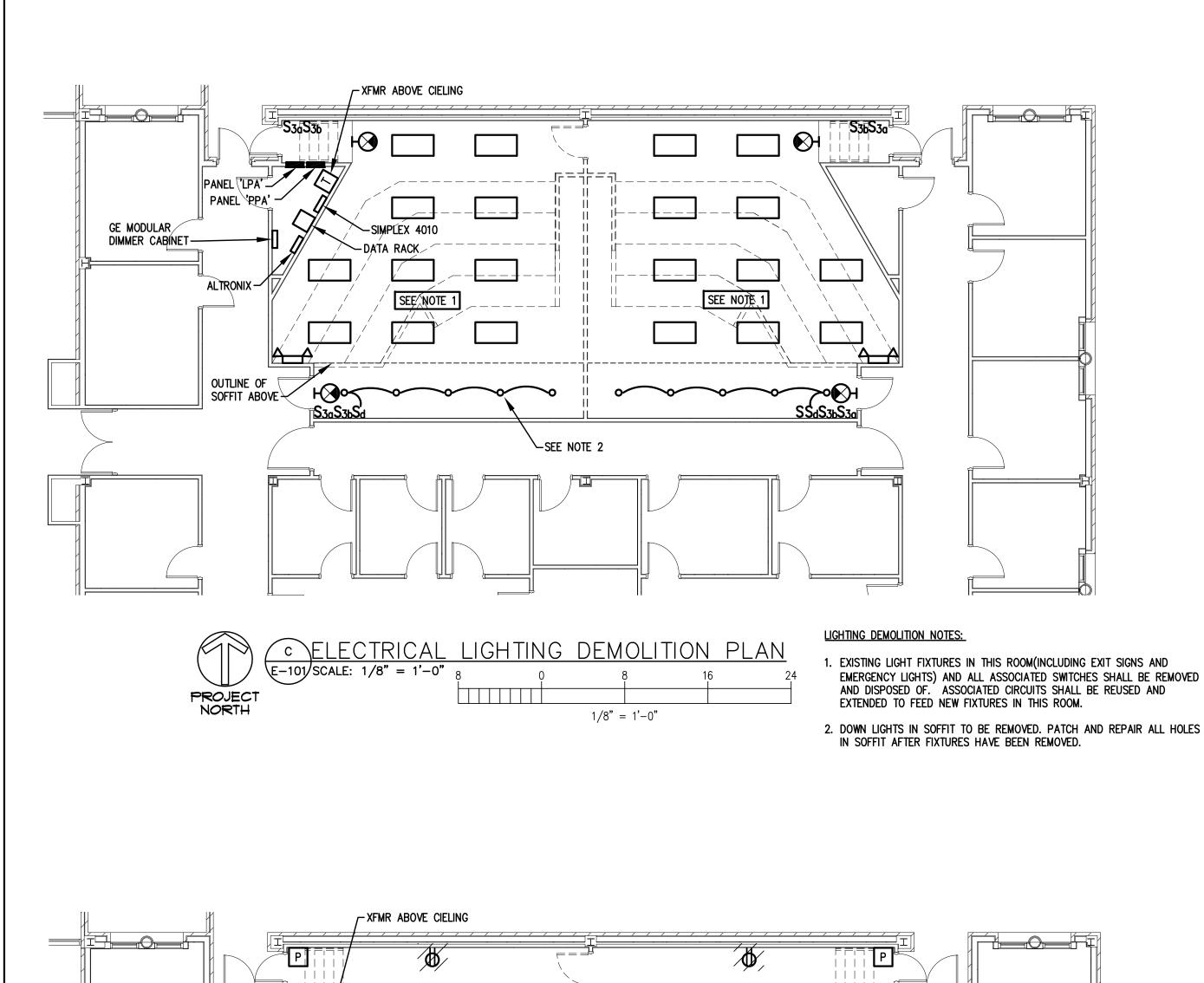


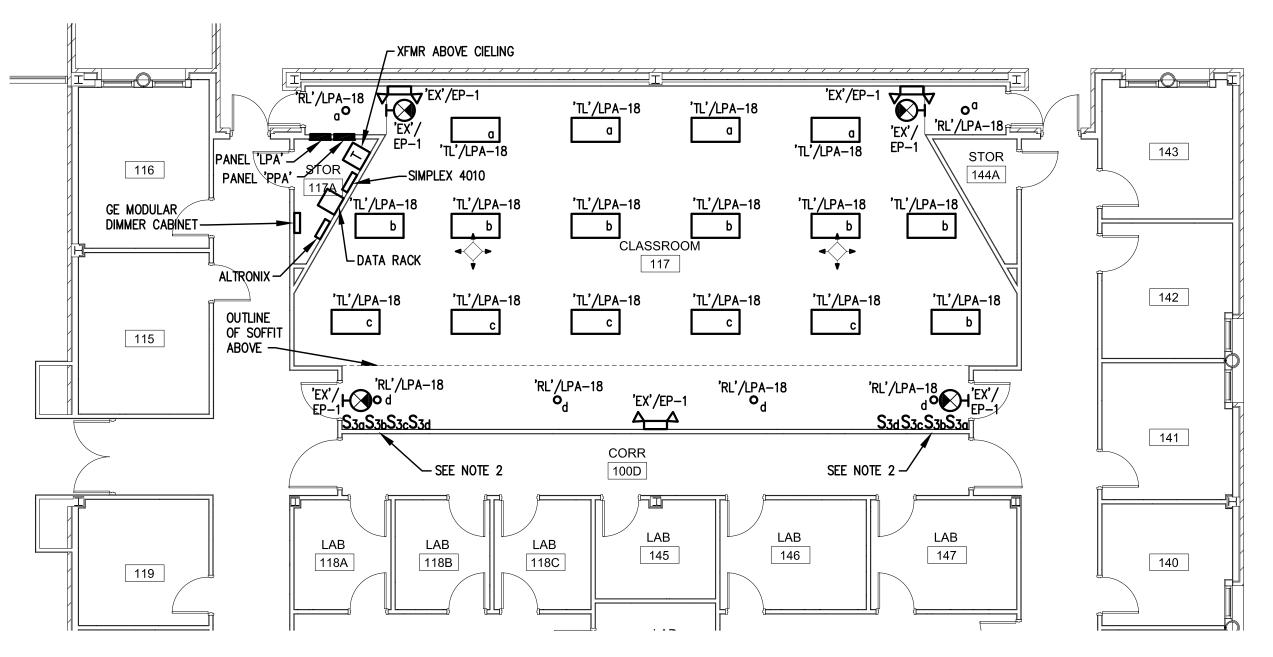
0 ENGINEERING. INC. 02 Pilgrim Road 0 Greenville, SC 29607 (864) 297-8717 (864) 297-8719 (FAX) EMAIL:Bei@BurdetteEngr.com BEI JOB NO. 13860E \circ 0 0 Ŋ



ELECTRICAL LEGENI AND SCHEDULES

#10AWG, PROVIDE A JUNCTION BOX ABOVE THE CEILING WITHIN 10 FEET OF THE UTILIZATION EQPT, ETC. AND #12 #12 | #12 FROM THAT BOX ("WIRE GAUGE REDUCTION BOX") TO THE UTILIZATION EQPT RUN #10AWG OR #12AWG AS #10 #10 | #10 DENOTED IN THE TABLE TO THE LEFT. #10 | #10 TYPICAL DEVICE MOUNTING HEIGHT TYPICAL CONDUIT SLEEVE DETAIL TYPICAL RECESSED FLUORESCENT FIXTURE MOUNTING WIRE SIZING FOR 20A BRANCH CIRCUITS





1/8" = 1'-0"

<u>LIGHTING NOTES:</u>

1. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED FIXTURES AND DEVICES.

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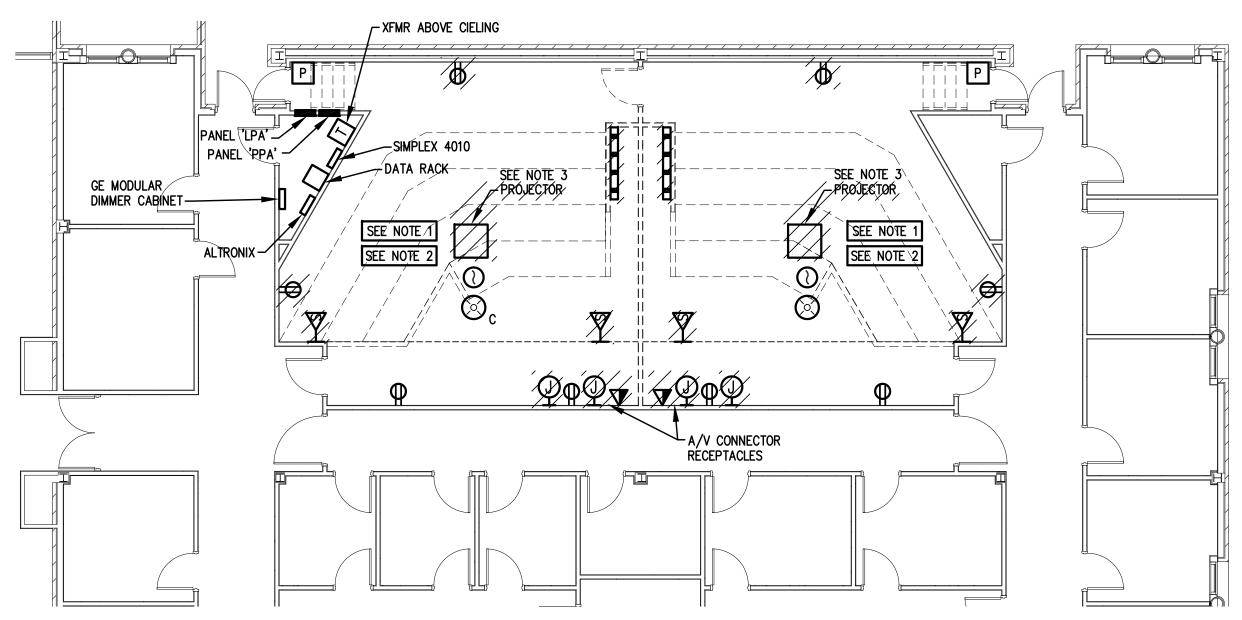
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- 2. BUTTON DIMMING SWITCH PANEL FOR LIGHTING CONTROL TO BE PROVIDED BY A/V VENDOR. LIGHTING TO BE CONTROLLED VIA REMOTE BUTTON SWITCHES AND A/V CONTROL PANEL AT LECTERN. COORDINATE WITH A/V EQUIPMENT VENDOR AND WITH OWNER IN ORDER TO PROVIDE ALL EQUIPMENT, 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.



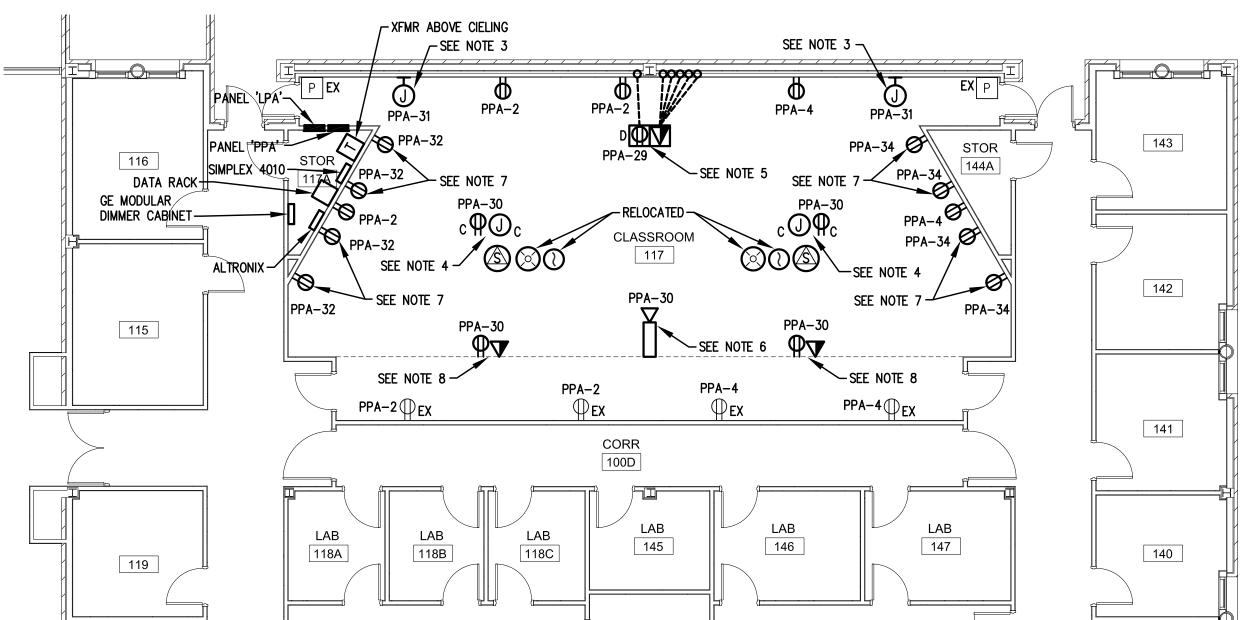
1/8" = 1'-0"

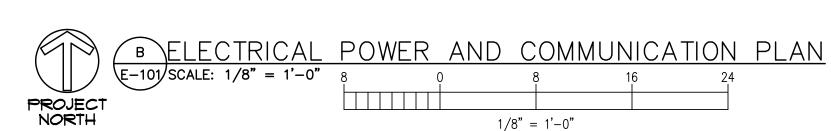
E-101 SCALE: 1/8" = 1'-0"

PROJECT NORTH

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
- 3. EXISTING PROJECTOR, PROJECTOR SCREEN, AND ALL ASSOCIATED MOUNTING HARDWARE TO BE REMOVED AND TURNED OVER TO THE OWNER.





<u>A ELECTRICAL LIGHTING PLAN</u>

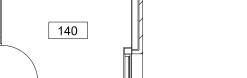
E-101/SCALE: 1/8" = 1'-0"

PROJECT

NORTH

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.





ELECTRICAL LIGHTING, POWER AND DEMOLITION PLANS