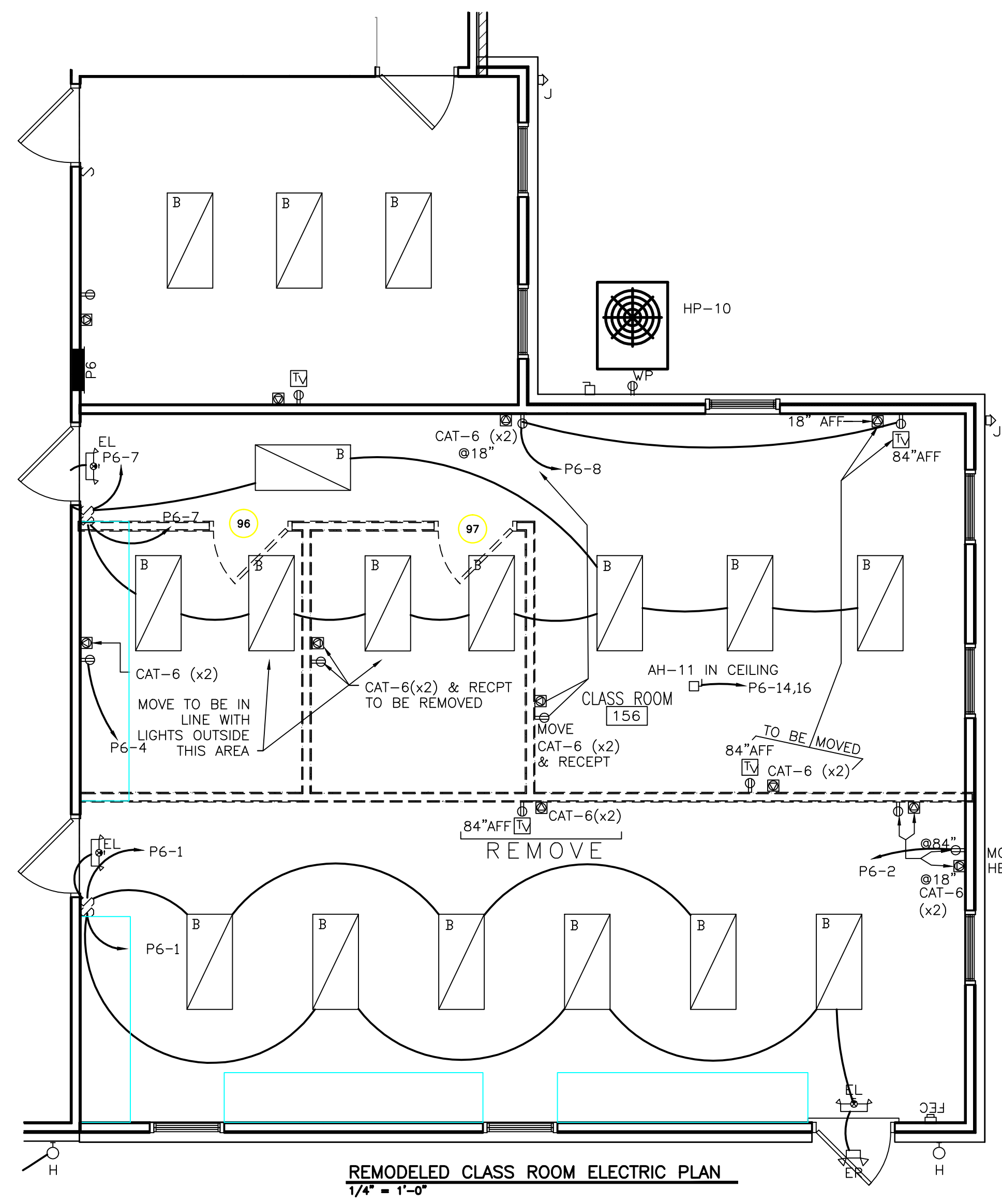


ELECTRICAL LEDGED	
SYMBOL	DESCRIPTION
	1-POLE SWITCH
	4-WAY SWITCH
	OCCUPANCY SENSOR SWITCH MULTIDIRECTIONAL CEILING MT
	OCCUPANCY SENSOR SWITCH WALL MT
	DUPLEX RECEPTACLE. 18" AFF U.N.O.
	GFI DUPLEX RECEPTACLE. 18" AFF U.N.O.
	WEATHER PROOF RECEPTACLE
	CAT-6 RECESSED CONNECTOR X 2
	FLAT SCREEN TELEVISION
	EQUIPMENT DISCONNECT
	ELECTRICAL PANEL
	2x4 SURFACE MOUNTED FLUORESCENT LIGHTING (SEE LIGHTING SCHEDULE)
	EXTERNAL ILLUMINATION WALLPACK
	EXTERNAL ILLUMINATION COACHLIGHT
	EMERGENCY LIGHT WITH SIGN
	EMERGENCY REMOTE LIGHT
	LIGHTED EMERGENCY EXIT SIGN WITH DIRECTION ARROW



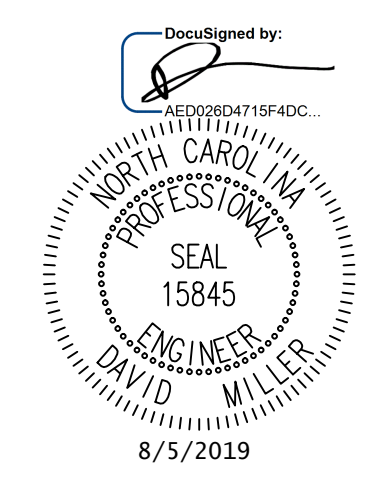
ENERGY CODE COMPLIANCE				
INTERIOR				
SPACE ACTIVITY	ALLOWANCE/SF.	AREA	ALLOWANCE	TOTAL ALLOWANCE
CLASSROOM	1.3	527	685.1	
OFFICE	1.11	675	749.25	
CORRIDOR	0.5	237	118.5	
STORAGE	0.5	64	32	
LIBRARY	0.93	459	426.87	
FIXTURE TYPE	NUMBER	WATTS/FIXTURE	TOTAL WATTS	TOTAL INSTALLED WATTS
A	1	64	64	2873
B	23	96	2208	
C	4	128	512	
D	1	25	25	
K	1	64	64	
			0	
				0
				2873
EXTERIOR				
	ALLOWANCE	NUMBER	ALLOWANCE	TOTAL ALLOWANCE
MAIN DOOR	30W/ DOOR LF	2	180	985
OTHER DOORS	20W/ DOOR LF	0	0	
BUILDING FAÇADE	5W/ LF	161	805	
FIXTURE TYPE	NUMBER	WATTS/FIXTURE	TOTAL WATTS	TOTAL INSTALLED WATTS
H	1	13	13	139
J	3	42	126	

- ### ELECTRICAL NOTES
- ALL CONDUCTORS SHALL BE COPPER AND TYPE NM #12AWG MINIMUM WIRE SIZES SHALL BE BASED ON 75 DEGREE WIRE & TERMINALS.
  - ALL WIRING DEVICES SHALL BE SPECIFICATION GRADE.
  - ELECTRICAL CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH ELECTRICAL UTILITY PRIOR TO PURCHASING DISTRIBUTION EQUIPMENT.
  - ALL EQUIPMENT AND COMPONENTS INSTALLED AS PART OF THIS FACILITY SHALL BE NEW, U.L. LISTED AND LABELED, AND INSTALLED PER THE 2008 NEC, ANY JURISDICTIONAL REQUIREMENTS AND PER THE MANUFACTURES REQUIREMENTS.
  - ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADE DISCIPLINE TO AVOID INTERFERENCE AND RE-WORK.
  - ALL CONDUCTORS TO BE INSTALLED UNDERGROUND SHALL BE INSTALLED 24" B.F.G. AND IN SCHEDULE 40 PVC CONDUIT.
  - ALL FLUORESCENT LAMPS SHALL BE T-8 SP 41 OR APPROVED EQUAL, LAMPS SHALL BE ENVIRONMENTALLY SAFE.
  - ELECTRICAL CONTRACTOR SHALL CHECK FOR ELIMINATE SHORTS PRIOR TO ENERGIZING CIRCUITS. FAILURE TO DO SO WILL RESULT IN REPAIRS TO BE MADE AT NO EXPENSE TO OWNERS OR REPRESENTATIVES.
  - ELECTRICAL CONTRACTORS OR DESIGNATED TELECOMMUNICATIONS SUBCONTRACTOR SHALL COORDINATE LOCATION AND REQUIREMENTS FOR TELEPHONE SERVICE WITH THE TELEPHONE COMPANY.
  - FIRESTOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS, AND PARTITIONS. PROVIDE A DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED. INSTALL THE DEVICE(S) OR SYSTEM(S) IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE A DEVICE(S) OR SYSTEM(S) WITH AN "F" RATING EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL BATHROOM EXHAUST FAN MECHANICAL CONTRACTOR SHALL PROVIDE AND INSTALL BATHROOM EXHAUST DUCTWORK.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE RACEWAY SEALS TO MAIN DISTRIBUTION PANELS PER NEC 225.27
  - ALL DEVICES TO BE INSTALLED FOR ADA ACCESSIBILITY PER ANSI A117.1
  - CONDUIT ENTERING COOLER AND FREEZER TO BE SEALED PER NEC 300.7
  - ELECTRICAL CONTRACTOR TO PROVIDE AIC PLAQUES PER NEC 110.24

LIGHTING FIXTURE SCHEDULE									
MARK	MANUFACTURER	MODEL NUMBER	MOUNTING	# OF BALLAST	# OF LAMPS	LAMP TYPE	TOTAL WATTS	VOLTS	REMARKS
A	LITHONIA	2M 2 32 A12125 MVOLT	SURFACE	1	2	FLUORESCENT	64	120	
B	LITHONIA	2M 3 32 A12125 MVOLT	SURFACE	1	3	FLUORESCENT	96	120	OFFICES
C	LITHONIA	2M 4 32 A12125 MVOLT	SURFACE	2	4	FLUORESCENT	128	120	DUAL BALLAST
D	COOPER LIGHTING	H750ICT W/LED TRIM	RECESS	1	1	ML709 LED	25	120	6" CAN LIGHT DIMMABLE
H	LAMPS PLUS	2M944	SURFACE		1	LED	12.5	120	EXTERIOR DOOR ILLUMINATION WITH DUSK/DAWN
J	LAMPS PLUS	2M948	SURFACE		1	LED	42	120	EXTERIOR WALL PACK WITH DUSK/DAWN SENSOR
K	LITHONIA	2M 2 U316 A12125 MVOLT	SURFACE	1	2	LED	28	120	TEST RECORDS ROOM
EM	LITHONIA	EU2LEDM12	SURFACE		2	LED	12	120	EMERGENCY LIGHT ONLY
EL	LITHONIA	ECRLEDM6	SURFACE		2	LED	6	120	EMERGENCY/EXIT
ER	LITHONIA	ELA LED WP M12	SURFACE		1	LED	1	120	EXTERIOR REMOTE EMERGENCY
EX	LITHONIA	LE	CEILING		1	LED	1.05	120	EXIT SIGN

OTHER MANUFACTURERS ARE ALLOWED AS LONG AS THE FIXTURE IS AN EQUAL OR BETTER PRODUCT AND HAS BEEN APPROVED BY THE OWNER AND ENGINEER

WP = WET LOCATION  
WW = WALL WASH



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REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR NEW TRADE EQUIPMENT	9/7/17

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PROJECT NO.: 19DDM0716  
DATE: 7/17/2019  
DRAWN BY: DCW  
CHECKED BY: DM

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Anderson Creek remodeling  
LIGHTING AND POWER  
RAY ROAD, ANDERSON CREEK NC

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SHEET NUMBER  
**E101**  
X OF X SHEETS