

1 LIGHTING PLAN
1/4" = 1'-0"

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LOW VOLTAGE SWITCH SCHEDULE										
MARK	BUTTONS	RELAY	LABEL - ENGRAVING	AUTOMATION	MARK	BUTTONS	RELAY	LABEL - ENGRAVING	AUTOMATION	
A	1	LC	ON	ON	G	1	LC-a	ON	ON	
	2	LC	OFF	OFF		2	LC-a	OFF	OFF	OFF
B	1	LC-a,b	ALL ON/RAISE	ON/BRIGHTEN	H	1	LC-a,b,c	ALL ON	ON	
	2	LC-a	FRONT-RAISE/LOWER	BRIGHTEN/DIM		2	LC-a,b,c	ALL OFF	OFF	OFF
	3	LC-b	BACK-RAISE/LOWER	BRIGHTEN/DIM		J	1	LC-a,b,c	ALL ON/RAISE	ON/BRIGHTEN
	4	LC-c	PENDANT-RAISE/LOWER	BRIGHTEN/DIM			2	LC-a,b,c	SCENE 1	TBD
	5	LC-a,b,c	ALL OFF/LOWER	OFF/DIM			3	LC-a,b,c	SCENE 2	TBD
C	1	LC-a,b,c	ALL ON/RAISE	ON/BRIGHTEN	4	LC-a,b,c	SCENE 3	TBD		
	2	LC-a	FRONT-RAISE/LOWER	BRIGHTEN/DIM	5	LC-a,b,c	ALL OFF/LOWER	OFF/DIM		
	3	LC-b	BACK-RAISE/LOWER	BRIGHTEN/DIM	K	1	LC	ON	ON	
	4	LC-c	PENDANT-RAISE/LOWER	BRIGHTEN/DIM		2	LC	RAISE	BRIGHTEN	
	5	LC-a,b,c	ALL OFF/LOWER	OFF/DIM		3	LC	LOWER	DIM	
1	LC-a	ON	ON	4		LC	OFF	OFF		
D	2	LC-a	RAISE	BRIGHTEN	E	1	LC	ON	ALL CORRIDOR ON	
	3	LC-a	LOWER	DIM		2	LC	OFF	ALL CORRIDOR OFF	
	4	LC-a	OFF	OFF		F	1	LC-a	ON	ON
	1	LC-b	ON-UNDERCABINET	ON			2	LC-b	OFF	OFF
2	LC-b	OFF-UNDERCABINET	OFF	3	LC-a		OFF	OFF		
3	LC-a	OFF	OFF	4	LC-b		OFF-UNDERCABINET	OFF		
4	LC-b	OFF	OFF	5	LC-a,b		ALL OFF	OFF		

KEYED NOTES:

1. SWITCH FOR UNDERCABINET LIGHTING TO BE MOUNTED AT 44" A.F.F. TO THE TOP OF BOX. VERIFY MOUNTING HEIGHT OF SWITCH WITH ARCHITECT AND CASEWORK.
2. PROVIDE LIGHTING CONTROLLER IN COORDINATOR WITH TIME FUNCTION CAPABILITIES EQUAL TO HUBBELL #NARC2-2RD-UNV-N83C. CORRIDOR LIGHTING TO BE PROGRAMMED AND CONTROLLED AS ONE (1) ZONE.

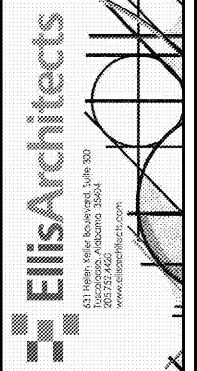
GENERAL LIGHTING NOTES:

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT FIXTURE LOCATIONS AND CEILING TYPES.
2. ALL EMERGENCY FIXTURES/NIGHT LIGHTS SHALL BE CONNECTED TO UNSWITCHED CIRCUIT.
3. REFER TO POWER PLAN FOR PANEL LOCATIONS.
4. ELECTRICAL CONTRACTOR SHALL COORDINATE SWITCH LOCATION WITH DOOR SWINGS BEFORE ROUGH IN.
5. ALL AREAS SHALL BE CONTROLLED WITH MANUAL ON/OFF SWITCHING AND BE TIMED OFF OR BE CONTROLLED WITH OCCUPANCY SENSORS.
6. ALL 120 VOLT CIRCUITS MORE THAN 75' LONG FROM PANEL TO FIRST FIXTURE SHALL BE MINIMUM OF #10 AWG COPPER CONDUCTORS.
7. ALL EXTERIOR LIGHTS SHALL BE CONTROLLED VIA PHOTOCELL.
8. ROOMS WITH ELECTRICAL PANELS SHALL NOT BE AUTOMATICALLY CONTROLLED.
9. LIGHTS IN MECHANICAL ROOMS SHALL BE ADJUSTED AS REQUIRED TO AVOID CONFLICTS WITH DUCT WORK AND BEST LIGHT THE SPACE.
10. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOW VOLTAGE LIGHTING CONTROL CABLING ALTHOUGH NOT SPECIFICALLY SHOWN ON PLANS. LIGHTING CONTROL MANUFACTURER SHALL PROVIDE LAYOUT OF CABLING WITH THEIR SUBMITTALS.

LIGHTING CONTROL NOTES:

1. PROVIDE COMPLETE LIGHTING CONTROL SYSTEM AS NOTED AND AS SHOWN ON DRAWINGS.
2. ALL SENSORS SHALL BE LOCATED BY MANUFACTURER TO ACCOMPLISH EXACT REQUIREMENTS FOR SENSOR.
3. ALL LIGHTING CONTROLS SHALL BE "MANUAL ON" EXCEPT FOR CORRIDORS AND EXTERIOR AT DOORWAYS.
4. FURNISH AND INSTALL ALL LOW VOLTAGE LIGHTING CONTROL WIRING BETWEEN ROOM CONTROLLER, SENSORS, AND WALL SWITCHES. WHERE DIMMING OF FIXTURES IS REQUIRED, PROVIDE 0-10V/1 CABLED AS NEEDED TO EACH FIXTURE. DIMMING CABLES SHALL NOT BE ROUTED IN SAME CONDUIT AS POWER CONDUIT (120V). REFER TO TYPICAL ROOM LIGHTING CONTROL WIRING DIAGRAM.
5. SHOP DRAWINGS MUST BE SUBMITTED AND SHALL INCLUDE SENSOR LOCATIONS AND WIRING LAYOUTS. MANUFACTURER SHALL INCLUDE AT LEAST THREE (3) ON-SITE MEETINGS WITH CONTRACTOR: 1) PRE-INSTALL - AFTER SHOP DRAWINGS ARE APPROVED AND BEFORE ANY WORK BEGINS; 2) START-UP - AFTER WORK IS COMPLETE AND PRIOR TO FINAL INSPECTION; 3) FINAL CHECK - AFTER FINAL INSPECTION IS COMPLETED. OWNER TRAINING.
6. MANUFACTURER SHALL PROVIDE WRITTEN REPORT AS TO FUNCTIONAL TESTING AFTER SYSTEM IS COMPLETE. REPORT MUST BE SIGNED BY FIELD TECHNICIAN AND MUST STATE THAT CONTROLS ARE INSTALLED, CALIBRATED, ADJUSTED, PROGRAMMED, AND IN PROPER WORKING CONDITION AS WELL AS DOCUMENTING THAT THE LIGHTING PERFORMS CORRECTLY TO THE INTENDED OPERATION. REPORT MUST ALSO INDICATE, BY OWNER'S SIGNATURE, THAT ALL CONTROLS HAVE BEEN COORDINATED WITH OWNER.
7. PROVIDE WIRELESS CONFIGURATION TOOL FOR PROGRAMMING LIGHTING CONTROLS AS REQUIRED.

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New Construction for:
BIBB COUNTY COURTHOUSE ANNEX
8 Court Square West
Centreville, Alabama



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Do Not Scale From Drawings.
Contractor must verify all dimensions prior to construction.

JOB No.	18004
DOCUMENT	DATE
FINAL CDS	09/06/2019
DRAWN BY:	JAM/JR

LIGHTING PLAN
E2.1