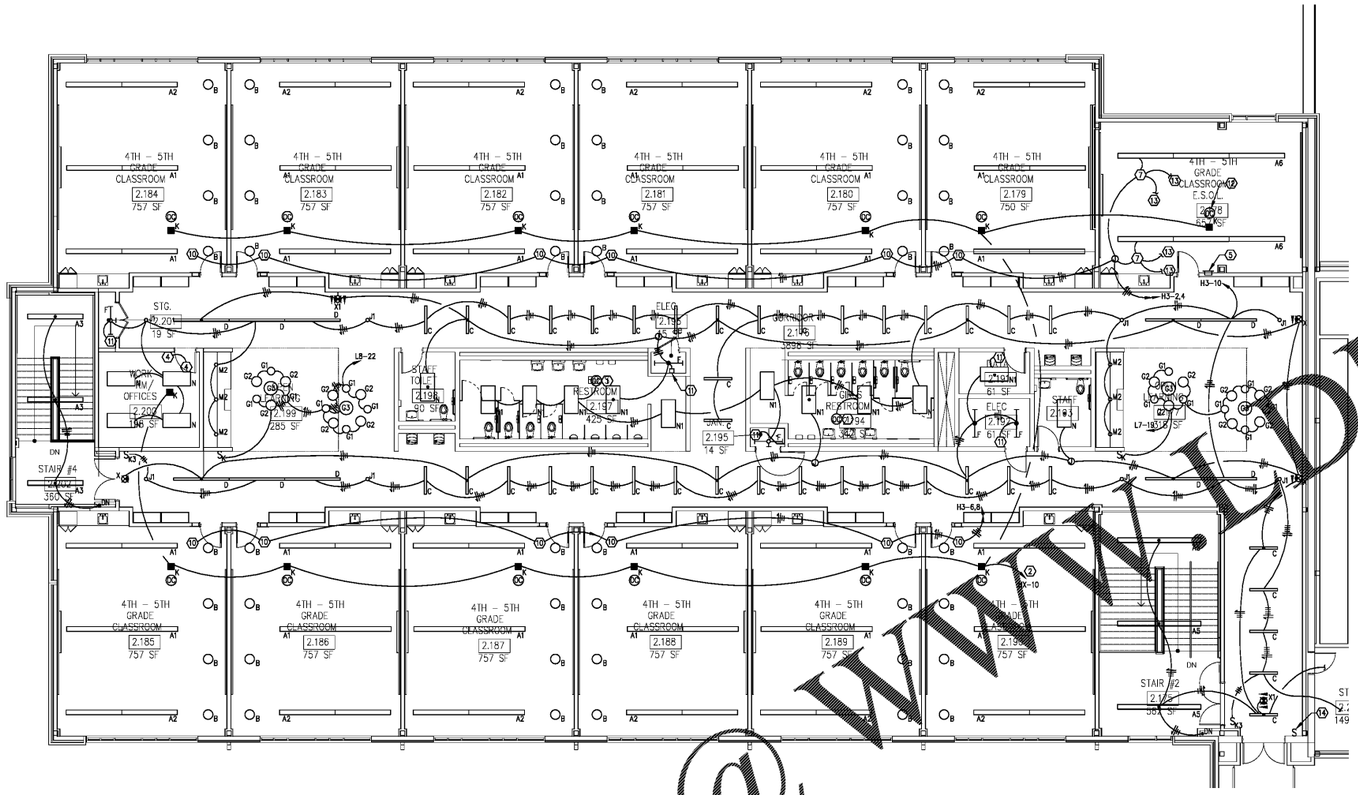
FIXTURE MOUNTING HEIGHTS (TO BOTTOM)		
FIXT. TYPE	LOCATION	MOUNTING HEIGHT
A-SERIES	CLASSROOMS	8'-6"
B	CLASSROOMS	8'-6"
DJT	CORRIDORS	10'-0"

MOUNTING HEIGHTS APPLY TO THIS SHEET ONLY.



1 LEVEL 02 PART C - LIGHTING PLAN
E2-02.C 1/8" = 1'-0"

NOTES:

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF LIGHTING FIXTURES WITHIN CEILING GRIDS AND WITHIN OPEN SPACES.
2. ALL CONDUITS ROUTED ABOVE CORRIDOR CEILINGS SHALL BE MOUNTED ABOVE MECHANICAL UNITS, AND OUT OF THE UNIT ACCESS SPACE.
3. ALTERNATE CIRCUITING OF EMERGENCY FIXTURES SO THAT EVERY OTHER FIXTURE IS ON THE SAME CIRCUIT.
4. ACTUAL CEILING MOUNTED OCCUPANCY SENSOR LOCATIONS AND COVERAGE PATTERNS SHALL BE DETERMINED BY THE DEVICE MANUFACTURER. COORDINATE INSTALLATION LOCATION AND CONFIRM WITH THE MANUFACTURER PRIOR TO ROUGH-IN AND ORDER PLACEMENT.
5. PRIOR TO INSTALLING LIGHTING AND CONTROLS IN CLASSROOMS THROUGHOUT THE BUILDING, PROVIDE COMPLETE MOCK-UP OF A LIGHTING AND CONTROL INSTALLATION IN A SINGLE CLASSROOM FOR REVIEW AND APPROVAL BY THE OWNER, ARCHITECT, AND ENGINEER.

KEYNOTES:

1. PROVIDE DUAL TECHNOLOGY LINE VOLTAGE OCCUPANCY SENSOR FOR CONTROL OF LIGHTS IN THE ROOM. ACUITY CM-PDT-DT OR PRIOR APPROVED EQUAL.
2. ROUTE HOMERUN THROUGH EMERGENCY DAYLIGHT CONTACTOR CE-2 IN ELECTRICAL ROOM 1.222. SEE SHEET E4-01.
3. NOT USED.
4. PROVIDE DIMMING OCCUPANCY SENSOR WALL SWITCH WITH 0-10V DIMMING AND BUILT-IN DUAL TECHNOLOGY OCCUPANCY SENSOR, ACUITY LIGHTING WSX-PDT-D OR PRIOR APPROVED EQUAL. ROUTE CONTROL WIRING FROM THE SWITCH TO THE DIMMING BALLASTS IN THE FIXTURES. CONTROL WIRING SHALL BE PROVIDED WITH 600V INSULATION SO THAT IT CAN BE ROUTED IN THE SAME CONDUIT AS LINE VOLTAGE CONDUCTORS.
5. PROVIDE ACUITY nPODM-4S-DX WALLPOD SCENE CONTROLLER FOR ON/OFF AND DIMMING CONTROL OF LIGHTING IN THE ROOM. ROUTE CAT 5E CABLING TO THE NEAREST nLIGHT DEVICE AND DAISY CHAIN. CONTROLS SHALL BE SIMILAR TO THE CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B. PROVIDE CUSTOM ENGRAVED LABELING OF THE SCENE BUTTONS AS DIRECTED BY THE OWNER.
6. PROVIDE ACUITY nPODM-4S-DX WALLPOD SCENE CONTROLLER FOR ON/OFF AND DIMMING CONTROL OF LIGHTING IN THE ROOM. ROUTE CAT 5E CABLING TO THE NEAREST nLIGHT DEVICE AND DAISY CHAIN. REFER TO CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B. PROVIDE CUSTOM ENGRAVING OF THE SCENE BUTTONS AS DIRECTED BY THE OWNER.
7. PROVIDE ACUITY nPP16-D POWER/RELAY PACK MOUNTED IN A JUNCTION BOX ABOVE THE CEILING FOR ZONES 1 AND 2. ROUTE 0-10V CONTROL WIRING TO THE LIGHTING FIXTURES.
8. ACUITY nCM-PDT-10-AR DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUXILIARY RELAY. ROUTE CAT 5E CABLING TO THE NEAREST nLIGHT DEVICE AND DAISY CHAIN. REFER TO CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B. COORDINATE EXACT INSTALLATION LOCATION WITH THE MANUFACTURER TO PROVIDE OPTIMAL COVERAGE OF THE ROOM. AUXILIARY RELAY TO BE USED BY THE MECHANICAL CONTRACTOR FOR CONTROL OF THE WSHP SERVING THE ROOM.
9. DAISY CHAIN THE nLIGHT DEVICES TOGETHER WITH PLENUM RATED CAT 5E CABLING. REFER TO CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B.
10. INCOMING LIGHTING CIRCUIT. REFER TO TYPICAL CLASSROOM LIGHTING AND CONTROL PLAN, 2/E2-01.B, AND CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B, FOR POWER AND CONTROL WIRING OF LIGHTING IN TYPICAL CLASSROOMS AND LABS.
11. PROVIDE LINE VOLTAGE ON/OFF SWITCH WITH DUAL TECHNOLOGY OCCUPANCY SENSOR. ACUITY WSX-PDT OR PRIOR APPROVED EQUAL.
12. ACUITY nCM-PDT-10-AR DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUXILIARY RELAY. ROUTE CAT 5E CABLING TO THE NEAREST nLIGHT DEVICE AND DAISY CHAIN. CONTROLS SHALL BE SIMILAR TO THE CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B. AUXILIARY RELAY TO BE USED BY THE MECHANICAL CONTRACTOR FOR CONTROL OF THE WSHP SERVING THE ROOM.
13. DAISY CHAIN THE nLIGHT DEVICES TOGETHER WITH CAT 5E CABLING, SIMILAR TO THE CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B.
14. PROVIDE MOMENTARY SWITCH FOR OVERRIDE OF THE AUTOMATIC TIME-OF-DAY LIGHTING SHUT-OFF BY THE MECHANICAL EMS SYSTEM. ROUTE CONTROL WIRING IN 1/2" CONDUIT TO THE EMS PANEL IN MAIN MECHANICAL ROOM 1.223. PROVIDE AN ENGRAVED LABEL ON THE WALL ABOVE THE SWITCH WITH 3/8" TEXT READING "LIGHTING SHUT-OFF OVERRIDE".

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REVISIONS / PRINTED		
REV. NO.	DATE	REMARKS
	08/16/19	GDOE Check Set
	10/01/19	ISSUED FOR BID/ PERMIT/GDOE

PROJECT SUMMARY
NAME: JH HOUSE ELEMENTARY SCHOOL
GRADES: PRE-K THRU 5TH
CAPACITY:
G.D.O.E.# TO BE ASSIGNED

BUILDING AREA
LEVEL 01 71,152 SF
LEVEL 02 32,370 SF
TOTAL 103,522 SF

COVERED AREAS (I.E. CANOPIES)
COVERED AREAS 5,186 SF
CANOPY @ 50% 2,593 SF
TOTAL 7,779 SF

INSTRUCTIONAL UNITS

REGULAR CLASSROOMS	45	
PAIRED FLEX AREAS	2	
MUSIC	1	
PHYSICAL EDUCATION	1	
MEDIA CENTER	1	
ART	1	
TOTAL		51

RCPS

GEORGIA REGISTERED ARCHITECT BRIAN K. ZOCH No. 22256

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Smallwood, Reynolds, Stewart, Stewart & Associates, Inc. Architects

LEVEL 02 PART C - LIGHTING PLAN

J.H. HOUSE ELEMENTARY SCHOOL
3100 Zingara Road NE, Conyers, GA 30012

DATE: 10-01-2019
JOB NO. 218036.00
SHEET NO. E2-02.C

ISSUED FOR CONSTRUCTION