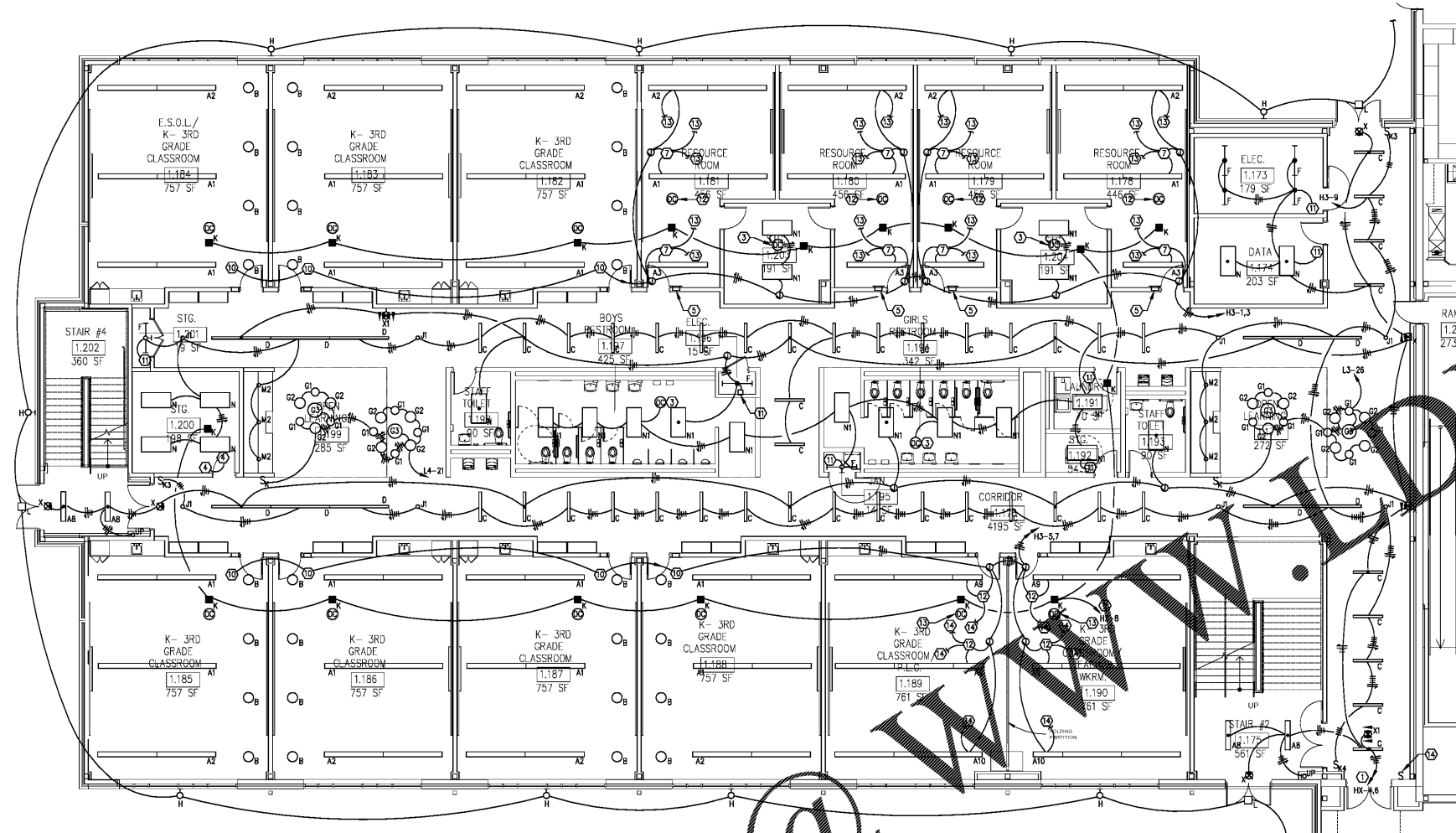


FIXTURE MOUNTING HEIGHTS (TO BOTTOM)		
FIXT. TYPE	LOCATION	MOUNTING HEIGHT
A-SERIES	CLASSROOMS	8'-6"
B	CLASSROOMS	8'-6"
D-1	CORRIDORS	10'-0"

MOUNTING HEIGHTS APPLY TO THIS SHEET ONLY.



1 LEVEL 01 PART C - LIGHTING PLAN  
E2-01.C 1/8" = 1'-0"

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

- KEYNOTES:
- ROUTE HOMERUN THROUGH EMERGENCY LIGHTING CONTACTOR CE-1 IN ELECTRICAL ROOM 1.222. SEE SWEET E4-01.
  - ROUTE HOMERUN THROUGH EMERGENCY LIGHTING CONTACTOR CE-2 IN ELECTRICAL ROOM 1.222. SEE SWEET E4-01.
  - PROVIDE DUAL TECHNOLOGY LINE VOLTAGE OCCUPANCY SENSOR FOR CONTROL OF LIGHTS IN THE ROOM. ACUITY P01 OR P10 APPROVED EQUAL.
  - PROVIDE DIMMING OCCUPANCY SENSOR SWITCH WITH 0-10V DIMMING AND BUILT-IN DUAL TECHNOLOGY OCCUPANCY SENSOR. ACUITY LIGHTING WSX-P01-0 OR PRIOR APPROVED EQUAL. ROUTE CONTROL WIRING FROM THE SWITCH TO THE DIMMING BALLASTS IN THE FIXTURES. CONTROL WIRING SHALL BE PROVIDED WITH 60V INSULATION SO THAT IT CAN BE ROUTED IN THE SAME CONDUIT AS LINE VOLTAGE CONDUITS.
  - PROVIDE ACUITY #P00M-4S-DX WALLPOD SCENE CONTROLLER FOR ON/OFF AND DIMMING CONTROL OF LIGHTING IN THE ROOM. ROUTE CAT SE CABLEING TO THE NEAREST #LIGHT DEVICE AND DASY 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.
  - PROVIDE ACUITY #P00M-4S-DX WALLPOD SCENE CONTROLLER FOR ON/OFF AND DIMMING CONTROL OF LIGHTING IN THE ROOM. ROUTE CAT SE CABLEING TO THE NEAREST #LIGHT DEVICE AND DASY CHAIN. REFER TO CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B. PROVIDE CUSTOM ENGRAVING OF THE SCENE BUTTONS AS DIRECTED BY THE OWNER.
  - PROVIDE ACUITY #P16-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.
  - ACUITY #M-P01-10-AR DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUXILIARY RELAY. ROUTE CAT SE CABLEING TO THE NEAREST #LIGHT DEVICE AND DASY 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 WSPV SERVING THE ROOM.
  - DASY CHAIN THE #LIGHT DEVICES TOGETHER WITH PLENUM RATED CAT SE CABLEING. REFER TO CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B.
  - INCOMING LIGHTING CIRCUIT. REFER TO TYPICAL CLASSROOM LIGHTING AND CONTROL PLAN, 3/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.
  - PROVIDE LINE VOLTAGE ON/OFF SWITCH WITH DUAL TECHNOLOGY OCCUPANCY SENSOR. ACUITY WSX-P01 OR PRIOR APPROVED EQUAL.
  - ACUITY #M-P01-10-AR DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUXILIARY RELAY. ROUTE CAT SE CABLEING TO THE NEAREST #LIGHT DEVICE AND DASY 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 WSPV SERVING THE ROOM.
  - DASY CHAIN THE #LIGHT DEVICES TOGETHER WITH CAT SE CABLEING, SIMILAR TO THE CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B.
  - 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".

Order Plans @

REVISIONS / PRINTED	
REV. NO.	DATE
06/16/19	ISSUED FOR PERMIT/ADDC
10/01/19	ISSUED FOR PERMIT/ADDC

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10/01/19	ISSUED FOR PERMIT/ADDC

INSTRUCTIONAL UNITS	
REQUIRE CLASSROOMS	REMARKS
46	
2	
1	
51	
TOTAL	

BUILDING AREA	
LEVEL 01	TOTAL
71,452 SF	71,452 SF
10,837 SF	10,837 SF
COVERED AREAS (ALE CHAIRS)	5,180 SF
COVERED AREAS (STAIR)	7,265 SF
TOTAL	94,734 SF



Smallwood, Reynolds, Stewart & Associates, Inc. Architects  
**LEVEL 01 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: E2-01.C

ISSUED FOR CONSTRUCTION