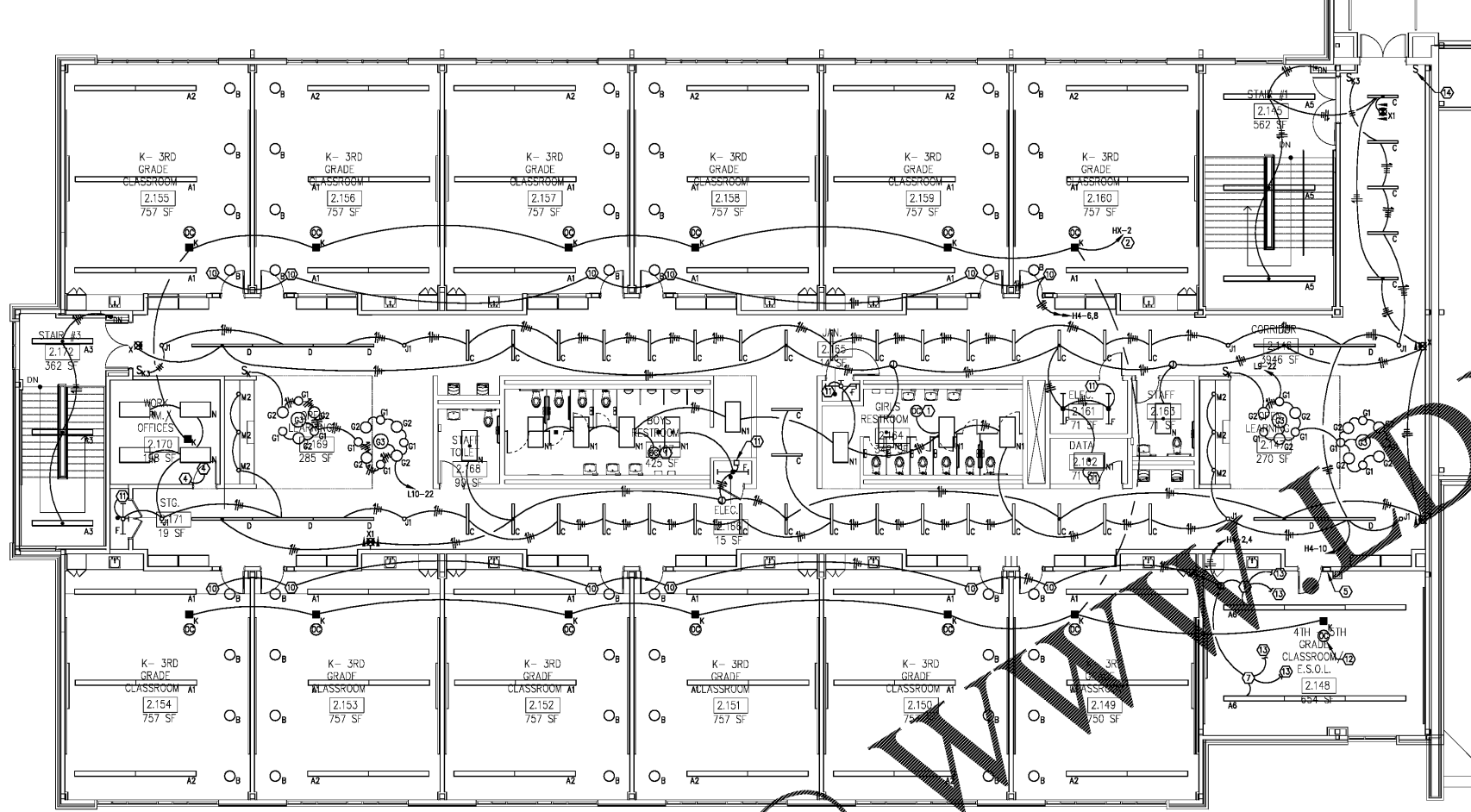


# Order Plans



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

MOUNTING HEIGHTS APPLY TO THIS SHEET ONLY.

**1** LEVEL 02 PART B - LIGHTING PLAN  
 E2-02.B 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.
  - 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 ORDER PLACEMENT.
  - BEFORE INSTALLING LIGHTING AND CONTROLS IN CLASSROOMS THROUGHOUT THE BUILDING, PROVIDE A COMPLETE MOCK-UP OF A LIGHTING AND CONTROL INSTALLATION IN A SINGLE CLASSROOM FOR REVIEW AND APPROVAL BY THE OWNER, ARCHITECT, AND ENGINEER.

- KEYNOTES:**
- PROVIDE DUAL TECHNOLOGY (HLLM) OCCUPANCY SENSOR FOR CONTROL OF LIGHTS IN THE ROOM. ACUITY CM-PDT OR PRIOR APPROVED EQUAL.
  - ROUTE HLLM TRUN THROUGH EMERGENCY DOWNLIGHT CONTACTOR CE-2 IN ELECTRICAL ROOM 1.222. SEE SHEET E2-02.A.
  - NOT USED.
  - 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 60V INSULATION SO THAT IT CAN BE ROUTED IN THE SAME CONDUIT AS LINE VOLTAGE CONDUCTORS.
  - PROVIDE ACUITY HPODM-4S-0X WALLPOD SCENE CONTROLLER FOR ON/OFF AND DIMMING CONTROL OF LIGHTING IN THE ROOM. ROUTE CAT 5E CABLE TO THE NEAREST #LIGHT 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.
  - PROVIDE ACUITY HPODM-4S-0X WALLPOD SCENE CONTROLLER FOR ON/OFF AND DIMMING CONTROL OF LIGHTING IN THE ROOM. ROUTE CAT 5E CABLE TO THE NEAREST #LIGHT 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.
  - PROVIDE ACUITY HPP16-0 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 HPM-PDT-10-AR DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUXILIARY RELAY. ROUTE CAT 5E CABLE TO THE NEAREST #LIGHT 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 WSP SERVING THE ROOM.
  - DAISY CHAIN THE #LIGHT DEVICES TOGETHER WITH PLENNM RATED CAT 5E CABLE. REFER TO CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/E2-01.B.
  - 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.
  - PROVIDE LINE VOLTAGE ON/OFF SWITCH WITH DUAL TECHNOLOGY OCCUPANCY SENSOR. ACUITY WSX-PDT OR PRIOR APPROVED EQUAL.
  - ACUITY HPM-PDT-10-AR DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUXILIARY RELAY. ROUTE CAT 5E CABLE TO THE NEAREST #LIGHT 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 WSP SERVING THE ROOM.
  - DAISY CHAIN THE #LIGHT DEVICES TOGETHER WITH CAT 5E CABLE, 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".

REVISONS / PRINTED	
REV. NO.	DATE
06/16/19	ISSUED FOR SET
10/01/19	ISSUED FOR PD/PERMIT/ADDC
46	
2	
1	
51	

INSTRUCTIONAL UNITS	
REGULAR CLASSROOMS	71,452 SF
PAIRED FLEX AREAS	1,008,307 SF
MUSICAL EDUCATION	5,180 SF
MEDIA CENTER	7,208 SF
LAB	
<b>TOTAL</b>	<b>1,792,147 SF</b>

BUILDING AREA	
FLOOR AREA	71,452 SF
TOTAL	1,792,147 SF
<b>COVERED AREAS (ALE CHAIRS)</b>	<b>5,180 SF</b>
<b>UNCOVERED AREAS (LAB)</b>	<b>7,208 SF</b>
<b>TOTAL</b>	<b>12,388 SF</b>

PROJECT SUMMARY  
 NAME: J.H. HOUSE ELEMENTARY SCHOOL  
 GRADERS: PRE-K THRU 5TH  
 G.D.C.E.# TO BE ASSIGNED

One Piedmont Center, Suite 303 3565 Piedmont Road Atlanta, Georgia 30305

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

**LEVEL 02 PART B - 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.B

ISSUED FOR CONSTRUCTION