



- 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 ORDER PLACEMENT.
 - PRIOR TO 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.
 - REFER TO SHEET E2-02.A FOR LIGHTING FIXTURES ON TOP OF THE ADMINISTRATION AREA.
 - REFER TO SHEET E2-02.A FOR LIGHTING FIXTURES ON TOP OF THE ADMINISTRATION AREA.

- KEYNOTES:**
- ROUTE HOMERUN THROUGH EMERGENCY LIGHTING CONTROLLER CE-4 IN ELECTRICAL ROOM 1.222. SEE SHEET E4-01.
 - ROUTE HOMERUN THROUGH EMERGENCY DOWNLIGHT CONTROLLER CE-2 IN ELECTRICAL ROOM 1.222. SEE SHEET E4-01.
 - ROUTE HOMERUN THROUGH EMERGENCY WIDE LIGHTING CONTROLLER CO-1E IN ELECTRICAL ROOM 1.222. SEE SHEET E4-01.
 - PROVIDE DIMMING OCCUPANCY SENSOR WALL SWITCH WITH 0-10V DIMMING AND BUILT-IN DUAL TECHNOLOGY OCCUPANCY SENSOR. ACUITY WSX-POT-D OR PRIOR APPROVED EQUAL. ROUTE CONTROL WIRING FROM SWITCH TO EMERGENCY LIGHTING BALLASTS IN THE FIXTURES. CONTROL WIRING SHALL BE RATED WITH THE SWITCH AND INSTALLED SO THAT IT CAN BE ROUTED IN THE SAME CONDUIT AS LINE VOLTAGE CONDUITS.
 - PROVIDE WIRE CONDUITS ON EXIT SIGNS IN THE GYM.
 - PROVIDE ACUITY ROOM-45-DX WALLPLOT SCENE CONTROLLER FOR ON/OFF AND DIMMING CONTROL OF LIGHTING IN THE GYM. ROUTE CAT SE CABLE TO THE NEAREST LIGHT DEVICE AND DASTY CHAIN. CONTROL SHALL BE SIMILAR TO THE CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/2-01.B. PROVIDE CUSTOM ENGRAVED LABELING OF THE SCENE BUTTONS AS DIRECTED BY THE OWNER.
 - PROVIDE ACUITY APP16-0 POWER/RELAY PACK MOUNTED IN A JUNCTION BOX ABOVE THE CEILING FOR THE DIMMED FIXTURE. ROUTE 0-10V CONTROL WIRING TO THE LIGHTING FIXTURE.
 - ACUITY ROOM-POT-10-AR DUAL TECHNOLOGY OCCUPANCY SENSOR WITH AUXILIARY RELAY. ROUTE CAT SE CABLE TO THE NEAREST LIGHT DEVICE AND DASTY CHAIN. CONTROLS SHALL BE SIMILAR TO THE CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/2-01.B. AUXILIARY RELAY TO BE USED BY THE MECHANICAL CONTRACTOR FOR CONTROL OF THE WSP SERVING THE ROOM.
 - DASTY CHAIN THE LIGHT DEVICES TOGETHER WITH CAT SE CABLE, SIMILAR TO THE CLASSROOM LIGHTING CONTROL WIRING DIAGRAM, 3/2-01.B.
 - EXTEND TO TYPE "AA" DOWNLIGHTS UNDER THE OTHER BUS CANOPY.
 - PROVIDE LINE VOLTAGE ON/OFF SWITCH WITH DUAL TECHNOLOGY OCCUPANCY SENSOR. ACUITY WSX-POT OR PRIOR APPROVED EQUAL.
 - PROVIDE OCCUPANCY SENSORS IN THE GYMNASIUM FOR AUTOMATIC SHUT-OFF OF LIGHTING WHEN THE ROOM IS NOT OCCUPIED. EXACT NUMBER, LOCATION, AND COVERAGE PATTERNS OF THE SENSORS SHALL BE DETERMINED BY THE DEVICE MANUFACTURER. CONTROL OF LIGHTING IN THE GYM SHALL BE SUCH THAT IF MOTION IS DETECTED BY ANY SENSOR, ALL NORMAL LIGHTING CIRCUITS IN THE ROOM ARE ENERGIZED. IF NO MOTION IS DETECTED BY ANY OF THE SENSORS, THE LIGHTING CIRCUITS ARE DE-ENERGIZED. PROVIDE ALL DEVICES, CONTRACTORS, CONDUIT, WIRING, ETC. REQUIRED TO PROVIDE THE CONTROLS AS DESCRIBED.
 - PROVIDE WEATHER PROOF COVER ON THE LIGHT SWITCH IN THE ELEVATOR PIT.
 - EXTEND TO OUTLET IN ELEVATOR PIT. SEE SHEET E1-01.A.
 - FIXTURE INDICATED SHALL BE SUSPENDED WITH AIRCRAFT CABLE TO 24" BELOW THE CEILING.
 - PROVIDE DUAL TECHNOLOGY LINE VOLTAGE OCCUPANCY SENSOR FOR CONTROL OF LIGHTS IN THE ROOM. ACUITY CM-PDT OR PRIOR APPROVED EQUAL.
 - EXTEND OCCUPANCY TO TYPE "J" FIXTURE ON LEVEL 02. SEE SHEET E2-02.A.
 - LIGHTING FIXTURES IN THE LIVING AREA (THE AREA CLOUDED) SHALL BE SUSPENDED TO 16"-0" AFF TO THE BOTTOMS OF THE FIXTURES.
 - TYPE "J" FIXTURES MOUNTED UNDER THE BRIDGE SHALL BE SUSPENDED TO 9"-0" AFF TO THE BOTTOMS OF THE FIXTURES.
 - TYPE "J" FIXTURES IN THE MAIN CORRIDOR AREAS AND THE MEDIA CENTER SHALL BE SUSPENDED TO 21"-0" AFF TO THE BOTTOMS OF THE FIXTURES.
 - INTERVAL TIMER "T1" FOR CONTROL OF EMERGENCY CONTACTOR CE-1. SEE DETAIL 3/ES-01. COORDINATE LOCATION OF TIMER WITH OWNER PRIOR TO ROUGH-IN.
 - INTERVAL TIMER "T2" FOR CONTROL OF EXTERIOR LIGHTING CONTACTOR CO-1E. SEE DETAIL 6/ES-01. COORDINATE LOCATION OF TIMER WITH OWNER PRIOR TO ROUGH-IN.
 - MOUNT EXIT SIGN UNDER THE BRIDGE.
 - ROUTE CONDUIT ALONG THE UNDERSIDE OF THE BRIDGE TO A FULL HEIGHT WALL. STUB UP IN THE WALL TO STRUCTURE. EXTEND TO A CHASE ABOVE THE ADMINISTRATION AREA AND EXTEND DOWN TO THE ADMINISTRATION CEILING SPACE AND ON TO THE PANEL. SEE E2-02.A FOR CHASE LOCATIONS.
 - ROUTE CONDUIT AT STRUCTURE TO A CHASE ABOVE THE ADMINISTRATION AREA. TURN DOWN IN THE CHASE AND EXTEND IN THE ADMIN CEILING TO THE PANEL. SEE E2-02.A FOR CHASE LOCATIONS.
 - ROUTE CONDUITS IN THE CHASE ABOVE THE ADMINISTRATION AREA UP TO STRUCTURE AND EXTEND TO THE EMERGENCY PANEL.
 - RUN CONDUIT IN WALL UP TO STRUCTURE.
 - 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".
 - PROVIDE OCCUPANCY SENSORS FOR CONTROL OF LIGHTING IN THE MEDIA CENTER. OCCUPANCY SENSORS SHALL BE PROVIDED WITH TWO OUTPUTS: ONE TO CONTROL THE 277-VOLT CIRCUIT, ONE TO CONTROL THE 120-VOLT CIRCUIT. CONTROLS SHALL BE SUCH THAT THE LIGHTS REMAIN ON IF MOTION IS DETECTED BY OTHER SENSOR, AND ARE ONLY TURNED OFF IF MOTION IS NOT DETECTED BY OTHER SENSOR. SENSORS SHALL BE DUAL TECHNOLOGY, AND SHALL BE MOUNTED ON THE WALL AND ON THE SIDE OF THE BRIDGE AT HEIGHTS RECOMMENDED BY THE MANUFACTURER.
 - 0-10V DIMMER WITH KEY OPERATED TOGGLE SWITCH FOR CONTROL OF TYPE "P" FIXTURES ABOVE THE VESTIBULES AND ADMINISTRATION AREA.
 - UP TO TYPE "P" FIXTURE ON TOP OF VESTIBULE. SEE SHEET E2-02.A.

LIGHTING FIXTURE SUPPORTS:
 IN AREAS WITH EXPOSED STRUCTURE (MAIN CORRIDORS, MEDIA CENTER, GYM, ETC.), PROVIDE UNISTRUT SPANNING BETWEEN JOISTS TO SUPPORT FIXTURES WHERE THEY ARE SHOWN ON THE PLANS. PAINT UNISTRUT TO MATCH THE JOISTS.

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

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

REV. NO.	DATE	REVISIONS / PRINTED
06/16/19	06/16/19	ISSUED FOR SET
10/07/19	10/07/19	ISSUED FOR PERMIT/ADDC

PROJECT SUMMARY:
 NAME: J.H. HOUSE ELEMENTARY SCHOOL
 OWNER: PREX THRU 5TH GRADE
 G.D.C.E.# TO BE ASSIGNED

INSTRUCTIONAL UNITS:

UNITS	REQUIREMENTS	REMARKS
46	REGULAR CLASSROOMS	
2	PAIRED FLEX AREAS	
1	MUSICAL EDUCATION	
1	MEDIA CENTER	
51	TOTAL	

BUILDING AREA:
 LEVEL 01: 71,452 SF
 TOTAL: 108,337 SF

COVERED AREAS (ALE CANOPIES):
 COVERED AREAS: 5,180 SF
 CANOPIES: 7,265 SF
 TOTAL: 12,445 SF

RCPS

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

LEVEL 01 PART A - 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.A

ISSUED FOR CONSTRUCTION