



- NOTES:**
- EXCEPT WHERE OTHERWISE NOTED, SYSTEMS CABLING SHALL BE PLENUM RATED. REFER TO SPECIFICATIONS FOR ADDITIONAL CABLING REQUIREMENTS.
 - ALL SYSTEMS CABLING INSTALLED IN WALLS SHALL BE INSTALLED IN CONDUIT. PROVIDE JUNCTION BOX ABOVE CEILING AND ROUTE CABLING IN CONDUIT FROM JUNCTION BOX DOWN TO FLUSH DEVICE BOX.
 - ALL SYSTEMS CABLING INSTALLED EXPOSED (IN AREAS WITHOUT CEILINGS) SHALL BE ROUTED IN CONDUIT. THIS DOES NOT APPLY TO AREAS OF CORRIDORS WITHOUT CEILINGS OR CLASSROOMS WHERE PORTIONS OF THE CEILING SPACE ARE EXPOSED. IN THOSE AREAS, CABLING MAY REMAIN EXPOSED, BUT SHALL BE NEATLY BUNDLED AND SUPPORTED IN CABLE HANGERS OR SIMILAR.
 - WHERE CABLING PASSES THROUGH WALLS INTO INDIVIDUAL ROOMS, PROVIDE (2) 1" CONDUIT SLEEVES THROUGH THE WALL WITH BUSHINGS ON EACH END. FIRE STOP SLEEVES AFTER ALL CABLING IS INSTALLED. SLEEVES SHALL BE INSTALLED ABOVE THE DOOR TO THE ROOM. THIS APPLIES TO ALL ROOMS.
 - CABLE HANGER MOUNTED ABOVE CEILING. SEE DETAIL 1, SHEET E3-01.
 - SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR EXACT LOCATIONS OF EXTERIOR WALL MOUNTED DEVICES.

- KEYNOTES:**
- PROVIDE MAGNETIC SHIELDING AND SMOKE DETECTORS. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. IF THE MANUFACTURER USES A LOW VOLTAGE TRANSFORMER TO CONTROL OPERATING DOOR RELEASES, MOUNT TRANSFORMER ABOVE CEILING IN NEMA 1 ENCLOSURE WITH FOUR FEET OF BUSHING. SMOKE DETECTORS SHALL BE MOUNTED WITHIN FIVE FEET OF THE DOOR FINISHING.
 - ROUTE PLENUM RATED CAT 6 INTERCOM CABLING IN CABLE HANGERS ABOVE CORRIDOR CEILINGS TO THE WALL MOUNTED INTERCOM RACK IN MDF ROOM 1.121.
 - PROVIDE 1" SLEEVES THROUGH WALL ABOVE CEILING FOR INSTALLATION OF PLENUM RATED CABLING. PROVIDE BUSHINGS ON EACH END OF SLEEVES. FIRE STOP SLEEVES AFTER ALL CABLING IS INSTALLED.
 - WALL MOUNTED INTERCOM RACK. COORDINATE LOCATION WITH THE OWNER'S DATA INSTALLERS TO ENSURE ADEQUATE SPACE FOR THE DATA RACK INSTALLATION. INTERCONNECT THE INTERCOM RACKS IN THE MDF AND IN THE FIVE DATA ROOMS WITH 6-STRAND MULTI-WIRE, 10-00 PLENUM RATED FIBER OPTIC CABLE TO FORM A LOOP FROM ROOM TO ROOM. FIBER OPTIC CABLE SHALL BE INSTALLED IN 1" ROUTED IN THE SLAB.
 - PROVIDE 2" CONDUIT WITH PULL WIRE FROM FLUSH MOUNTED FIRE ALARM CONTROL PANEL STUBBED UP INTO CEILING SPACE FOR FUTURE FIRE ALARM CABLING. TERMINATE WITH INSULATING BUSHING.
 - PROVIDE AUXILIARY AUDIO INPUT JACK FOR THE INTERCOM SYSTEM MOUNTED AT 48" AFF. COORDINATE EXACT LOCATION WITH INSTALLATION OF THE RECEPTION DESK.
 - ROUTE CABLING AS SPECIFIED BY THE MANUFACTURER FROM THE AUDIO INPUT JACK TO THE WALL MOUNTED INTERCOM RACK IN MDF ROOM 1.121.
 - WALL MOUNT SPEAKER IN SURFACE MOUNTED BACK BOX. COORDINATE MOUNTING HEIGHT WITH INTERCOM SYSTEM MANUFACTURER PRIOR TO ROUGH-IN.
 - INTERCOM HIGH SECURITY STATION (HSS) MOUNTED AT 48" TO BOTTOM.
 - FURNISH AND INSTALL A WIRE GUARD OVER ON THE HORN/STROBE. GUARD SHALL BE MADE TO PROTECT THE DEVICE WITHOUT COVERING THE VISUAL STROBE OR BLOCKING THE AUDIBLE ALARM. STROBES IN THE GYM SHALL PROVIDE 110CD OUTPUT.
 - FLUSH MOUNTED LCD TYPE FIRE ALARM ANNUNCIATOR PANEL. ROUTE SIGNAL CABLING IN 1" CONDUIT TO THE FIRE ALARM CONTROL PANEL IN RECEPTION 1.103.
 - COORDINATE EXACT LOCATIONS OF SMOKE AND HEAT DETECTORS IN THE ELEVATOR PIT WITH ELEVATOR INSTALLER PRIOR TO ROUGH-IN.
 - PROVIDE AUXILIARY CONTACTS AND INTERLOCK WITH ELEVATOR RECALL SYSTEM.
 - PENDANT MOUNTED SPEAKER SHALL BE INSTALLED JUST BELOW STRUCTURE.
 - ROUTE CAT 6 INTERCOM CABLING IN 1/2" CONDUIT TO THE WALL MOUNTED INTERCOM RACK IN MDF ROOM 1.121. CONDUIT SHALL BE INSTALLED TIGHT TO STRUCTURE.
 - ROUTE PLENUM RATED CAT 6 INTERCOM CABLING IN CABLE HANGERS ABOVE CORRIDOR CEILINGS TO THE WALL MOUNTED INTERCOM RACK IN DATA ROOM 1.143. SEE SHEET E3-01B.
 - ROUTE CAT 6 INTERCOM CABLING IN 3/4" CONDUIT INSTALLED IN THE SLAB TO THE WALL MOUNTED INTERCOM RACK IN MDF ROOM 1.121. CABLING INSTALLED IN THE SLAB SHALL BE WATER-TIGHT, DESIGNED FOR UNDERGROUND INSTALLATIONS.
 - PENDANT MOUNTED SPEAKER SHALL BE INSTALLED JUST BELOW THE FABRIC BAFFLES AT STRUCTURE. REFER TO ARCHITECTURAL SECTIONS FOR LOCATION OF FABRIC BAFFLES.

- INTERCOM NOTES:**
- PRIOR TO ORDERING INTERCOM SPEAKERS, CONFIRM CEILING TYPE (GRID, GYP BOARD, OPEN STRUCTURE) WITH THE ARCHITECT'S REFLECTED CEILING PLAN. ORDER THE CORRECT TYPE OF SPEAKER FOR THE CEILING IN/ON WHICH IT WILL BE INSTALLED IN EACH SPACE.
 - INTERCOM CABLING INSTALLED IN CONDUIT IN THE SLAB SHALL BE WATER-TIGHT, DESIGNED FOR UNDERGROUND INSTALLATIONS.

- CONDUIT NOTES: (APPLY TO THIS SHEET ONLY)**
- FIRE ALARM CABLING SERVING DEVICES ON THIS SHEET SHALL BE INSTALLED IN CONDUIT, EXCEPT AS INDICATED IN NOTE 5 BELOW.
 - CONDUIT SHALL BE INSTALLED IN THE SLAB FROM THE FACE OUT TO THE DEVICES AND STUBBED UP IN WALLS TO THE WALL AND CEILING MOUNTED DEVICES. DEVICES SHALL BE DASTY-CHAINED WITH CABLING INSTALLED IN CONDUIT IN THE SLAB.
 - FIRE ALARM CABLING INSTALLED IN CONDUIT IN THE SLAB SHALL BE AQUEASEL OR EQUAL.
 - OVERHEAD CONDUIT RUNS SHALL BE AVOIDED IN THE MEDIA CENTER AREA, THE MAIN CORRIDORS, AND IN THE SPACE ABOVE THE ADMINISTRATION AREA.
 - WHERE CONDUITS ARE REQUIRED TO BE RUN OVERHEAD, THEY SHALL BE ROUTED TIGHT TO STRUCTURE. WHERE THEY ARE ROUTED DOWN TO THE ADMINISTRATION AREA, THEY SHALL BE ROUTED IN THE CHASES INDICATED ON E3-02A.
 - THESE CONDUIT NOTES DO NOT APPLY TO THE ADMINISTRATION AREA WHICH HAS A CEILING SPACE. FIRE ALARM CABLING MAY BE ROUTED IN THE ADMINISTRATION CEILING SPACE, BUT NOT IN THE OPEN AREA ABOVE THE ADMINISTRATION CEILING SPACE.

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

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10/01/19	ISSUED FOR PERMIT

INSTRUCTIONAL UNITS	
REGULAR CLASSROOMS	46
PAIRED FLEX AREAS	2
MUSICAL EDUCATION	1
MEDIA CENTER	1
ART	51
TOTAL	101

PROJECT SUMMARY

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

BUILDING AREA

LEVEL 01
 TOTAL: 71,452 SF
 COVERED AREAS (ALE CHAIRS): 5,180 SF
 COVERED AREAS (ALE CHAIRS): 7,268 SF
 TOTAL: 73,800 SF

RCPS

STATE OF GEORGIA

REGISTERED PROFESSIONAL ARCHITECT

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

LEVEL 01 PART A - SYSTEMS PLAN

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

DATE: 10-01-2019
 JOB NO: 218036.00
 SHEET NO: E3-01.A

Order Plans @ www.ediinc.com

1 LEVEL 01 PART A - SYSTEMS PLAN
 E3-01.A 1/8" = 1'-0"

ISSUED FOR CONSTRUCTION