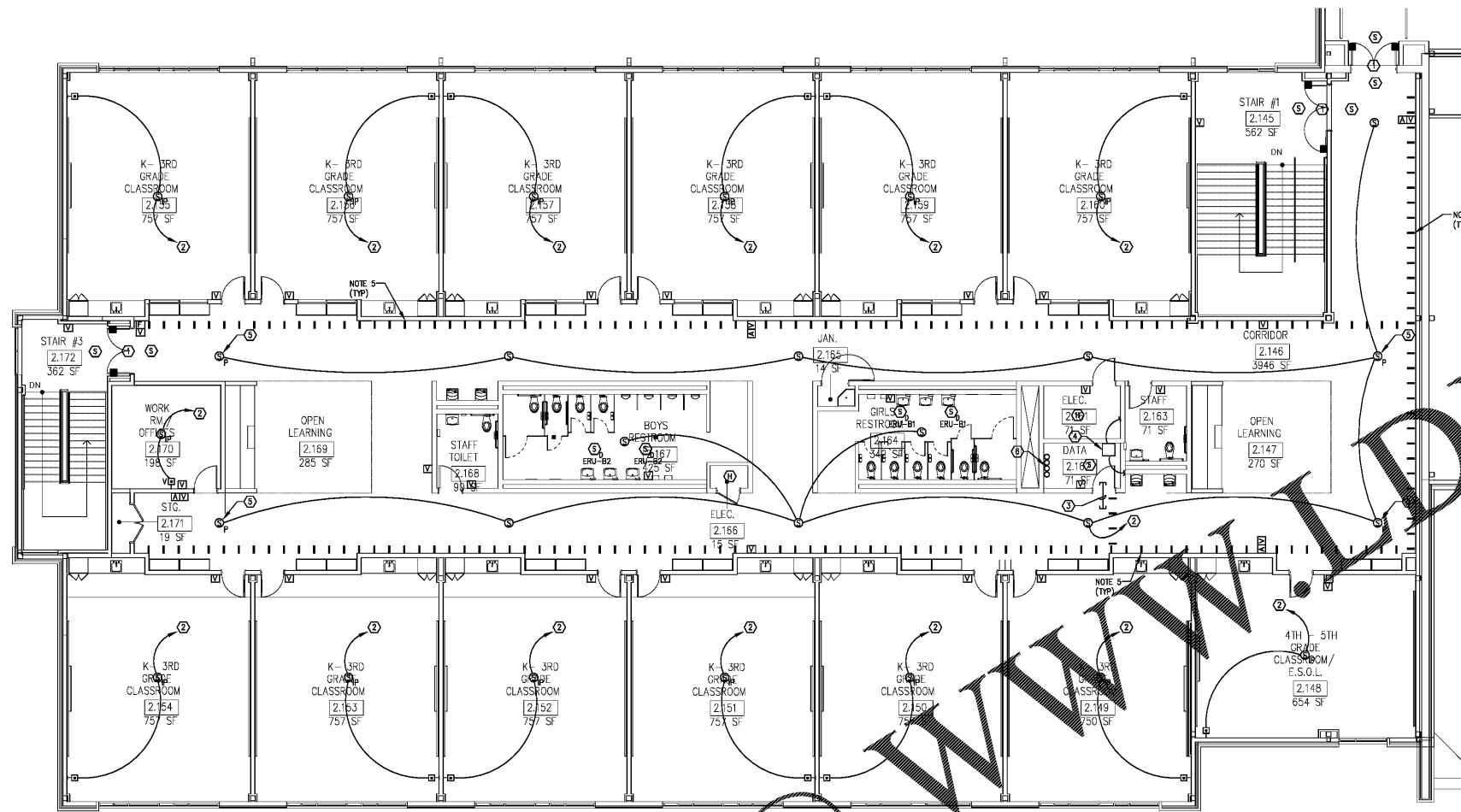


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1 LEVEL 02 PART B - SYSTEMS PLAN
E3-02.B 1/8" = 1'-0"

- NOTES:**
- ALL SYSTEMS CABLING SHALL BE PLENUM RATED. REFER TO SPECIFICATIONS FOR ADDITIONAL CABLING REQUIREMENTS.
 - ALL PLENUM RATED 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 E3-02.A

- KEYNOTES:**
- PROVIDE MANTIC DOOR HOLDERS AND SMOKE DETECTORS. COORDINATE EXACT LOCATION WITH ARCHITECT PROVIDED ROUGH-IN. WHERE A MANUFACTURER USES A LOW VOLTAGE TRANSFORMER TO CONTROL AND OPERATE THE DOOR HOLDERS, MOUNT TRANSFORMER ABOVE CEILING IN NEMA 1 ENCLOSURE WITH FOUR FEET OF DOORS. SMOKE DETECTORS SHALL BE MOUNTED WITHIN FIVE FEET OF THE DOOR OPENING.
 - PROVIDE PLENUM RATED CAT 6 INTERCOM CABLING IN CABLE HANGERS ABOVE CORRIDOR CEILINGS TO THE WALL MOUNTED INTERCOM RACK IN DATA ROOM 2.162.
 - PROVIDE (3) 3" 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-MODE, 10-DB PLENUM RATED FIBER OPTIC CABLE TO FORM A LOOP FROM ROOM TO ROOM. FIBER OPTIC CABLE SHALL BE INSTALLED IN 1" CONDUIT, AND SHALL BE INSTALLED IN THE SLAB WHERE ROUTED ON THE LOWER LEVEL.
 - PENDANT MOUNT SPEAKER TO 10'-0" AFF TO BOTTOM.
 - PROVIDE (4) 3" SLEEVES THROUGH THE FLOOR TO THE CEILING SPACE OF THE LOWER LEVEL. PROVIDE BUSHINGS ON ENDS OF SLEEVES AND FIRE STOP AFTER ALL CABLING IS INSTALLED.

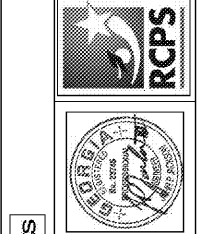
- INTERCOM NOTES:**
- PRIOR TO ORDERING INTERCOM SPEAKERS, CONFIRM CEILING TYPE (GRID, GYP BOARD, OPEN STRUCTURE) WITH THE ARCHITECT'S REFLECTED CEILING PLAN. ORDER THE CORRECT TYPE OF SPEAKER FOR THE CEILING IN/ON WHICH IT WILL BE INSTALLED IN EACH SPACE.

- FIRE ALARM NOTES:**
- FIRE ALARM CABLING ROUTED FROM THIS WING BACK TO THE FACP IN RECEPTION 1.103 SHALL BE ROUTED IN CONDUIT DOWN TO THE FIRST FLOOR SLAB, AND EXTENDED IN THE SLAB TO THE FACE IN ORDER TO MINIMIZE OVERHEAD CONDUIT RUNS IN PART A. CABLING INSTALLED WITHIN THIS WING CAN BE INSTALLED OVERHEAD IN CABLE HANGERS.
 - FIRE ALARM CABLING INSTALLED IN CONDUIT IN THE SLAB SHALL BE AQUASEAL OR EQUAL.

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

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

BUILDING AREA	LEVEL 01	LEVEL 02	TOTAL
COVERED AREAS (ALE CANOPIES)	71,452 SF	108,337 SF	179,789 SF
COVERED AREAS (ALE CANOPIES)	5,180 SF	5,180 SF	10,360 SF
COVERED AREAS (ALE CANOPIES)	0 SF	0 SF	0 SF
TOTAL	76,632 SF	113,517 SF	190,149 SF



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

LEVEL 02 PART B - SYSTEMS PLAN

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

DATE: 10-01-2019
JOB NO: 218036.00
SHEET NO: E3-02.B

ISSUED FOR CONSTRUCTION