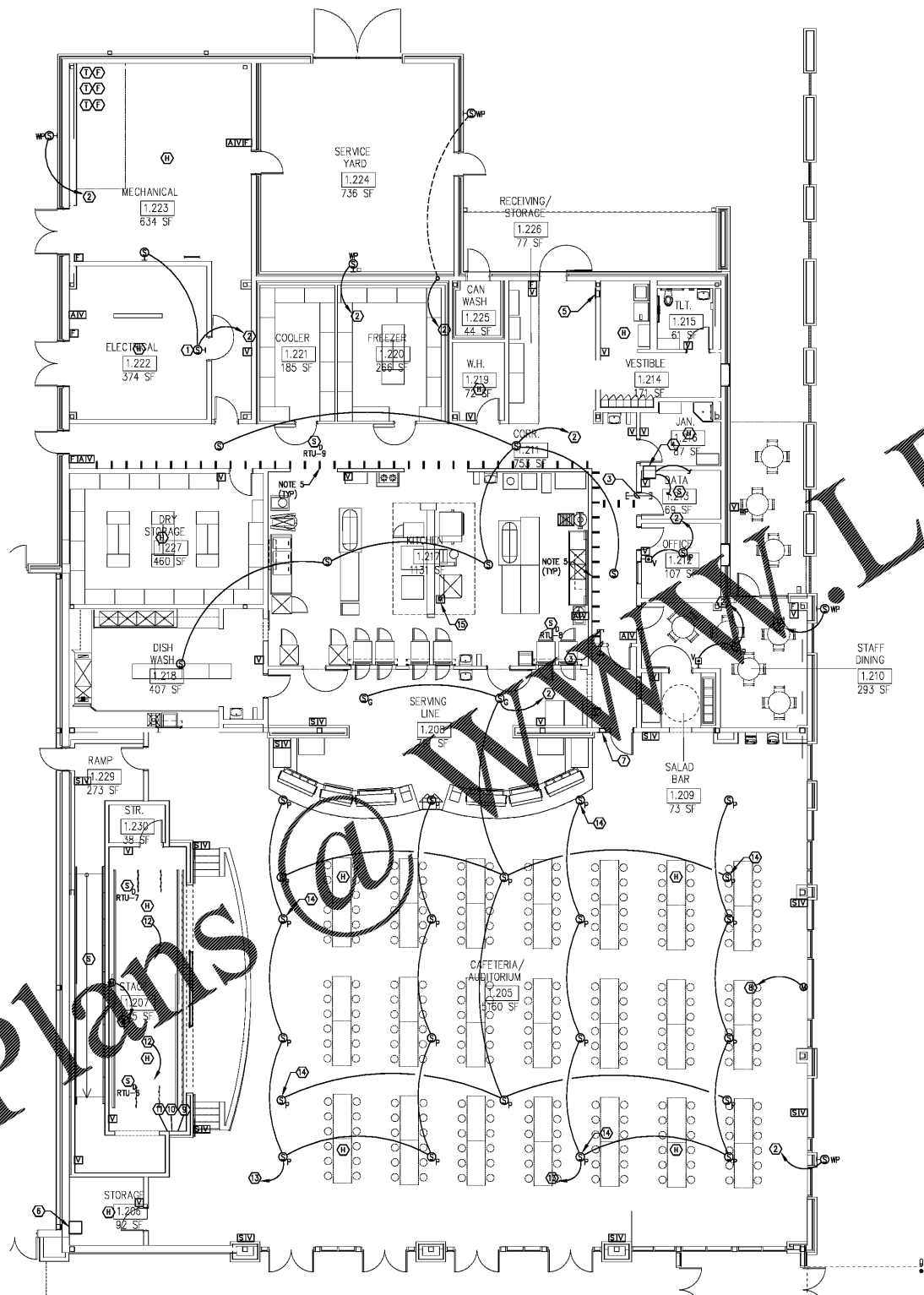


Order Plans @ www.LDWline.com



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

NOTES:

1. ALL SYSTEMS CABLING SHALL BE PLENUM RATED. REFER TO SPECIFICATIONS FOR ADDITIONAL CABLING REQUIREMENTS.
2. 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.
3. ALL SYSTEMS CABLING IN THE CAFE/AUDITORIUM, STAGE, AND OTHER AREAS WITH EXPOSED STRUCTURE SHALL BE ROUTED IN CONDUIT.
4. 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.
5. CABLE HANGER MOUNTED ABOVE CEILING. SEE DETAIL 1, SHEET E3-01.
6. SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR EXACT LOCATIONS OF EXTERIOR WALL MOUNTED DEVICES.

KEY NOTES:

1. WALL MOUNT SPEAKER IN SURFACE MOUNTED BACK BOX ABOVE THE DOOR.
2. ROUTE PLENUM RATED INTERCOM CABLING IN CABLE HANGERS ABOVE CORRIDOR CEILING TO THE WALL MOUNTED INTERCOM RACK IN DATA ROOM 1.213.
3. PROVIDE 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.
4. 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 HOF AND IN THE FIVE DATA ROOMS WITH 6-STRAND MULTI-MODE, 10-GB PLENUM RATED FIBER OPTIC CABLE TO FORM A LOOP FROM ROOM TO ROOM. FIBER OPTIC CABLE SHALL BE INSTALLED IN 1" CONDUIT ROUTED IN THE SLAB.
5. FLUSH MOUNTED LCD TYPE FIRE ALARM ANNUNCIATOR PANEL. ROUTE SIGNAL CABLING IN 1" CONDUIT TO THE FIRE ALARM CONTROL PANEL IN RECEPTION 1.103. SEE E3-01.A.
6. CAFETERIA PA SYSTEM AMPLIFIER RACK. ROUTE CONTROL WIRING IN 1" CONDUIT TO THE WALL MOUNTED INTERCOM RACK IN DATA 1.213 TO OVERRIDE THE PA SYSTEM DURING AN EMERGENCY INTERCOM ANNOUNCEMENT.
7. INTERCOM HIGH SECURITY STATION (HSS) MOUNTED AT 48" AFF TO BOTTOM.
8. MOUNT MICROPHONE JACK AT 18" AFF AND ROUTE MICROPHONE CABLING IN 3/4" CONDUIT TO THE PA SYSTEM AMPLIFIER RACK IN STORAGE 1.206.
9. REMOTE ON/OFF SWITCH FOR THE CAFETERIA PA SYSTEM. ROUTE CONTROL CABLING IN 3/4" CONDUIT TO THE PA SYSTEM AMPLIFIER RACK IN STORAGE 1.206.
10. REMOTE VOLUME CONTROL FOR THE CAFETERIA PA SYSTEM. ROUTE CONTROL CABLING IN 3/4" CONDUIT TO THE PA SYSTEM AMPLIFIER RACK IN STORAGE 1.206.
11. REMOTE AUXILIARY INPUT FOR THE CAFETERIA PA SYSTEM. ROUTE CONTROL CABLING IN 3/4" CONDUIT TO THE PA SYSTEM AMPLIFIER RACK IN STORAGE 1.206.
12. PA SYSTEM WIRELESS ANTENNA MOUNTED AT STRUCTURE. ROUTE CABLING IN 3/4" CONDUIT TO THE PA SYSTEM AMPLIFIER RACK IN STORAGE 1.206.
13. ROUTE PA SPEAKER CABLING IN 3/4" CONDUIT TO THE CAFETERIA PA SYSTEM AMPLIFIER RACK IN STORAGE ROOM 1.206.
14. PENDANT MOUNTED SPEAKERS IN CAFETERIA SHALL BE INSTALLED SO THAT THE BOTTOMS OF THE SPEAKERS ARE EVEN WITH THE BOTTOMS OF THE LIGHTING FIXTURES AND ARCHITECTURAL CLOUDS.
15. PROVIDE FIRE ALARM MONITOR MODULE AND INTERLOCK THE HOOD SUPPRESSION SYSTEM WITH THE FIRE ALARM SYSTEM. CONNECTION AT THE HOOD SYSTEM SHALL ONLY INDICATE AN ALARM CONDITION AT THE FIRE ALARM PANEL. IT SHALL NOT SET THE FULL SYSTEM INTO ALARM.

INTERCOM NOTES:

1. 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:



1. FIRE ALARM CABLING ROUTED FROM PART D BACK TO THE FACP IN RECEPTION 1.103 SHALL BE ROUTED IN CONDUIT IN THE SLAB IN ORDER TO MINIMIZE OVERHEAD CONDUIT RUNS IN PART A. CABLING INSTALLED WITHIN THIS PART D THAT IS IN AREAS WITH CEILING CAN BE INSTALLED OVERHEAD IN CABLE HANGERS. SEE NOTE 3 FOR AREAS WITHOUT CEILING.
2. FIRE ALARM CABLING INSTALLED IN CONDUIT IN THE SLAB SHALL BE AQUEAL 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

REVISIONS / PRINTED	DATE	REMARKS
45		
2		
1		
51		

INSTRUCTIONAL UNITS	BUILDING AREA	LEVEL 01	TOTAL
REGULAR CLASSROOMS	71,452 SF		
PAIRED FLEX AREAS	108,337 SF		
MUSICAL EDUCATION			
MEDIA CENTER			
COVERED AREAS (LE CANOPIES)	5,180 SF		
COVERED AREAS (DECK)	7,205 SF		
TOTAL	184,174 SF		

PROJECT SUMMARY
 NAME: J.H. HOUSE ELEMENTARY SCHOOL
 GRADES: PREK THRU 5TH
 LOCATION: 3100 ZINGARA ROAD NE, CONYERS, GA 30012
 G.D.C.E. # TO BE ASSIGNED

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 LAYOUT: SYSTEMS PLAN
 DRAWING: E3-01.D
 DATE: 10-01-2019
 BY: [Signature]
 CHECKED: [Signature]
 APPROVED: [Signature]

Smallwood, Reynolds, Stewart & Associates, Inc. Architects

LEVEL 01 PART D - 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.D

ISSUED FOR CONSTRUCTION

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