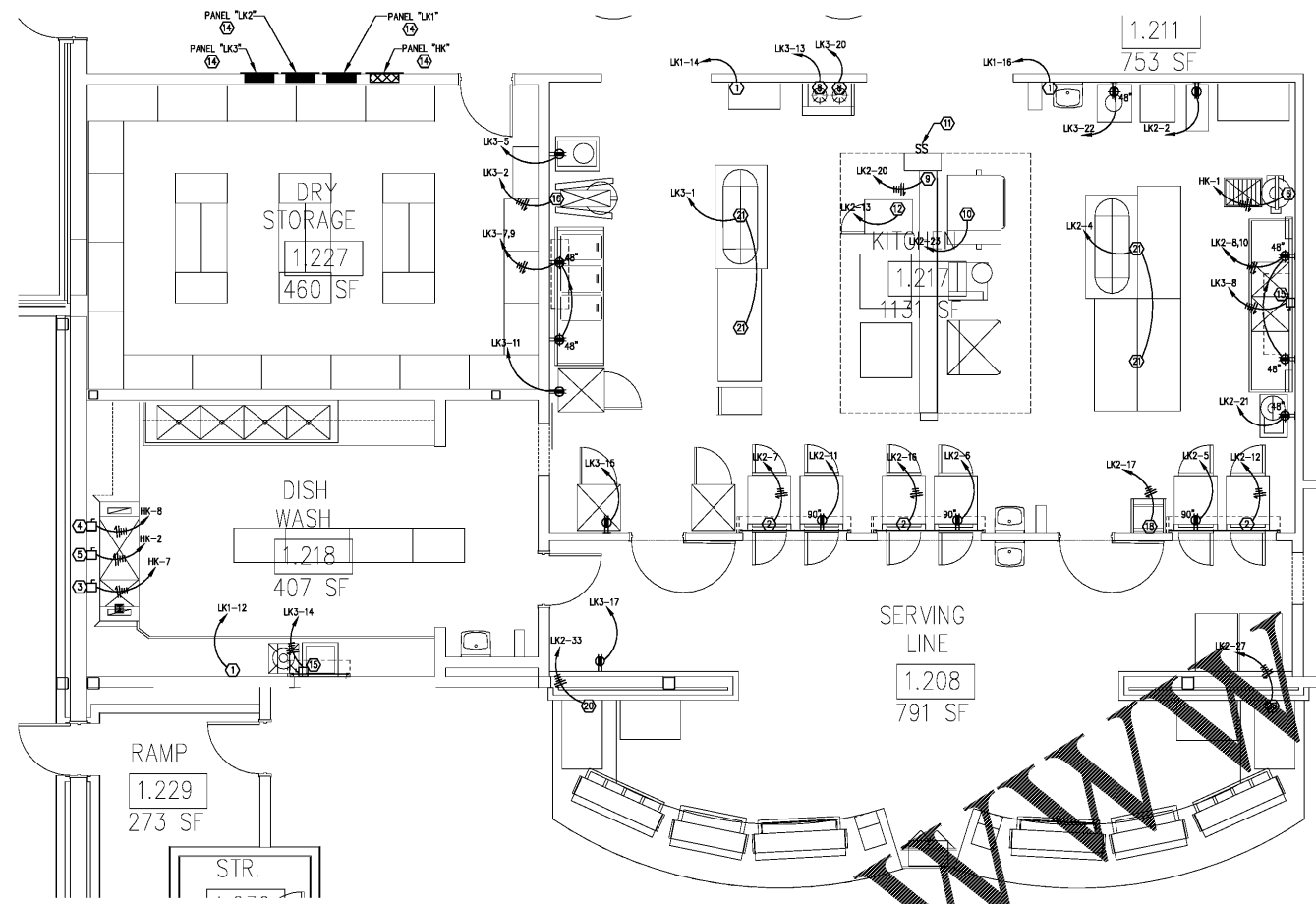


Order Plans @



1 KITCHEN ELECTRICAL PLAN
E4-02 1/4" = 1'-0"

- NOTES:
- REFER TO SHEET E1-01-D FOR GENERAL PURPOSE OUTLETS AND OTHER POWER/SIGNAL REQUIREMENTS IN THE KITCHEN AREA.
 - PROVIDE FLEXIBLE CONNECTIONS TO ALL HARD-WIRED EQUIPMENT.
 - VERIFY ALL OUTLET AND JUNCTION BOX MOUNTING HEIGHTS WITH MANUFACTURER OF EACH ITEM OF EQUIPMENT SUPPLIED PRIOR TO ROUGH-IN.
 - EQUIPMENT UNDER THE HOOD WILL BE SERVED FROM THE UTILITY DISTRIBUTION SYSTEM (UDS) SPECIFIED UNDER THE MECHANICAL SECTION.
 - COORDINATE NEMA OUTLET CONFIGURATION FOR EACH CORD AND PLUG CONNECTED ITEM WITH MANUFACTURER OF EQUIPMENT PROVIDED.
 - ALL GENERAL PURPOSE OUTLETS IN THE KITCHEN, SERVING, AND DISH WASH AREAS SHALL BE INSTALLED AT 24" AFF, AND SHALL BE PROVIDED WITH WEATHER PROOF COVER PLATES.
 - PROVIDE FUSES IN ALL DISCONNECT SWITCHES INDICATED AS "FUSE". FUSES SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S RECOMMENDATION.
 - PROVIDE A CORD AND PLUG FOR EACH ITEM OF EQUIPMENT THAT IS NOT SHIPPED WITH A CORD, BUT REQUIRES A CORD FOR CONNECTION. THE PLUG SHALL MATCH THE RECEPTACLE INSTALLED. THE CORD SHALL BE SIZED PER THE NEC.

- KEYNOTES:
- MOUNT RECEPTACLE FOR FAN AT 84" AFF. ROUTE CIRCUIT THROUGH SWITCH MOUNTED AT 48" AFF.
 - PROVIDE 125V, 20A OUTLET AT 90" AFF. HEATED WIRE THROUGH.
 - MOUNT 30A/3P/FUSE DISCONNECT SWITCH AT 80" AFF. ROUTE FEEDER FROM LOAD SIDE OF DISCONNECT IN WALL DOWN TO A JUNCTION BOX AT 24" AFF. MAKE FLEXIBLE CONNECTION TO THE DISH WASHER ELECTRICAL UNIT. COORDINATE EXACT ELECTRICAL REQUIREMENTS FOR THE DISH WASHER EQUIPMENT WITH THE MANUFACTURER PRIOR TO ROUGH-IN. COORDINATE DISCONNECT SWITCH LOCATION WITH THE DISH WASHER INSTALLATION.
 - MOUNT 100A/3P/FUSE DISCONNECT SWITCH AT 80" AFF. ROUTE FEEDER FROM LOAD SIDE OF DISCONNECT IN WALL DOWN TO A JUNCTION BOX AT 24" AFF. MAKE FLEXIBLE CONNECTION TO DISH WASHER EQUIPMENT. COORDINATE EXACT ELECTRICAL REQUIREMENTS FOR THE DISH WASHER EQUIPMENT WITH THE MANUFACTURER PRIOR TO ROUGH-IN. COORDINATE DISCONNECT SWITCH LOCATION WITH THE DISH WASHER INSTALLATION.
 - MOUNT 80A/3P/FUSE DISCONNECT SWITCH AT 80" AFF. ROUTE FEEDER FROM LOAD SIDE OF DISCONNECT IN WALL DOWN TO A JUNCTION BOX AT 24" AFF. MAKE FLEXIBLE CONNECTION TO BOOSTER HEATER MOUNTED IN THE DISH WASHER UNIT. COORDINATE EXACT ELECTRICAL REQUIREMENTS FOR THE DISH WASHER EQUIPMENT WITH THE MANUFACTURER PRIOR TO ROUGH-IN. COORDINATE DISCONNECT SWITCH LOCATION WITH THE DISH WASHER INSTALLATION.
 - MOUNT OUTLET FURNISHED WITH VCM AT 24" AFF. OUTLET REQUIRES A 2-GANG BOX.
 - 30A/1P/FUSE DISCONNECT SWITCH MOUNTED HIGH ON WALL FOR FLY FAN.
 - PROVIDE 20A, 125V DUPLEX OUTLET FOR INDUCTION BURNER. COORDINATE MOUNTING HEIGHT WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
 - MAKE CONNECTION TO LOAD CENTER MOUNTED IN UTILITY DISTRIBUTION SYSTEM (UDS) SERVING THE EQUIPMENT UNDER THE HOOD. UDS TO BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
 - MAKE CONNECTION TO HOOD LIGHTS.
 - HOOD LIGHT AND FAN PACKAGE SWITCHES ARE MOUNTED ON THE UDS. PROVIDE ENGRAVED LABELS WITH 3/8" TEXT READING "HOOD LIGHTS" AND "HOOD FAN" ABOVE EACH SWITCH.
 - MAKE CONNECTION TO GAS PIPING SOLENOID VALVE.
 - DOWN TO DOOR SWITCH FOR FLY FAN OPERATION.
 - PROVIDE (4) 3/4" EC WITH PULL WIRES STUBBED OUT OF THE TOPS OF EACH OF THE FLUSH MOUNTED KITCHEN PANELS INTO THE CEILING SPACE FOR FUTURE USE.
 - MOUNT 30A/3P/FUSE/MP DISCONNECT SWITCH AND MAKE FLEXIBLE CONNECTION TO DISPOSER. COORDINATE DISCONNECT SWITCH MOUNTING HEIGHT WITH THE OWNER PRIOR TO ROUGH-IN.
 - PROVIDE 20A, 250V, 3-PHASE OUTLET MATCHING THE CONFIGURATION OF THE MIXER PLUG. MOUNT OUTLET AT 24" AFF.
 - MOUNT 30A/3P/FUSE/RT DISCONNECT SWITCH AT 16" AFF. MAKE FLEXIBLE CONNECTION TO SINK HEATER.
 - PROVIDE 20A, 250V, 1-PHASE OUTLET MATCHING THE CONFIGURATION OF THE ICE MACHINE PLUG. MOUNT OUTLET AT THE HEIGHT RECOMMENDED BY THE ICE MACHINE MANUFACTURER.
 - 30A/3P/FUSE/RT DISCONNECT SWITCH.
 - MAKE CONNECTION TO LOAD CENTER BUILT INTO THE SERVING LINE EQUIPMENT.
 - PROVIDE RETRACTABLE CORD REEL MOUNTED AT STRUCTURE. COORDINATE THE EXACT LOCATION WITH THE OWNER PRIOR TO ROUGH-IN. CORD REEL SHALL PROVIDE 25 FEET OF 12/3 SJT CORD, AND SHALL BE BAYED OR EQUAL. PROVIDE A STOP ON THE CORD SO THAT THE CONNECTOR DOES NOT RETRACT ABOVE 6'-0" AFF. PROVIDE AN ESCHUTECHON WHERE THE CORD PENETRATES THE CEILING TILE. INSTALL KELLEMS GRIPS ON THE PLUG FOR STRAIN RELIEF.

Smallwood, Reynolds, Stewart & Associates, Inc. Architects

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

KITCHEN ELECTRICAL PLAN

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

DATE: 10-01-2019
JOB NO: 218036.00
SHEET NO: E4-02

REV. NO.	DATE	REVISIONS / PRINTED
06/16/19	GOE Check Set	
10/01/19	ISSUED FOR BID/PERMIT/ADOC	

INSTRUCTIONAL UNITS	REGULAR CLASSROOMS	PAIRED FLEX AREAS	MUSIC	ART	SCIENCE	PHYSICAL EDUCATION	MECA CENTER	ISSUED FOR BID/PERMIT/ADOC	TOTAL
46	2	1	1	1	1	1	1	1	51

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

BUILDING AREA
LEVEL 01
TOTAL
71,452 SF
108,837 SF

COVERED AREAS (LE CHAIRS)
ISSUED FOR BID/PERMIT/ADOC
TOTAL
5,180 SF
7,205 SF

RCPS

STEWART & ASSOCIATES, INC.
REGISTERED PROFESSIONAL ARCHITECT
STATE OF GEORGIA
NO. 22706
EXPIRES 12/31/2023

ISSUED FOR CONSTRUCTION