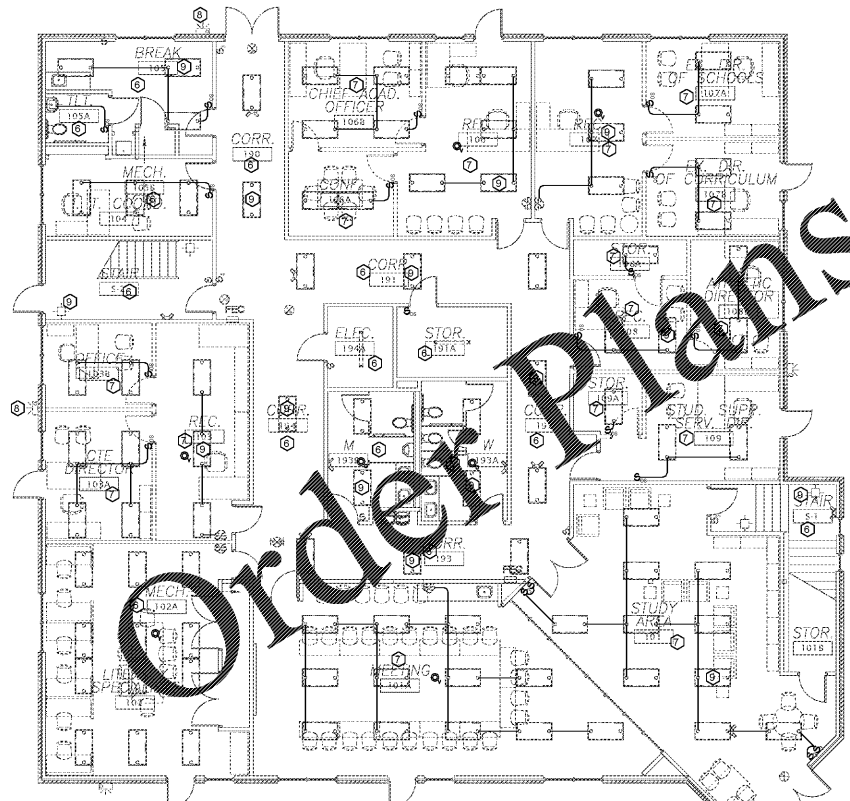


2 UPPER LEVEL - ELECTRICAL LIGHTING PLAN
SCALE: 1/8"=1'-0"



1 LOWER LEVEL - ELECTRICAL LIGHTING PLAN
SCALE: 1/8"=1'-0"

OCCUPANCY SENSOR NOTES

- ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.
- ULTRASONIC CEILING MOUNT SENSORS SHOULD BE LOCATED A MINIMUM OF SIX (6) FEET FROM HVAC SUPPLY/RETURN VENTS.
- CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS FOR NON-ADAPTIVE PRODUCTS. FOLLOWING THE MANUFACTURER'S RECOMMENDED PLACEMENT, AND FIELD VERIFICATION OF CIRCUITS WITH RESPECT TO POWER PACK PLACEMENT.
- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER PACKS:
 - ONE POWER PACK IS REQUIRED FOR EACH CONTROLLED CIRCUIT.
 - EACH POWER PACK CAN SUPPLY UP TO 155MA. REFER TO INSTALLATION GUIDE FOR MAXIMUM NUMBER OF SENSORS CONNECTED TO POWER PACK.
 - IF MULTIPLE CIRCUITS ARE TO BE CONTROLLED BY A SINGLE SENSOR, AUXILIARY RELAYS MAY BE USED IN CONJUNCTION WITH A POWER PACK.
- SENSORS MOUNTED OVER DOORWAYS SHOULD BE PLACED ONE (1) FOOT INSIDE THRESHOLD.

PREFABRICATED PARTITION GENERAL NOTES

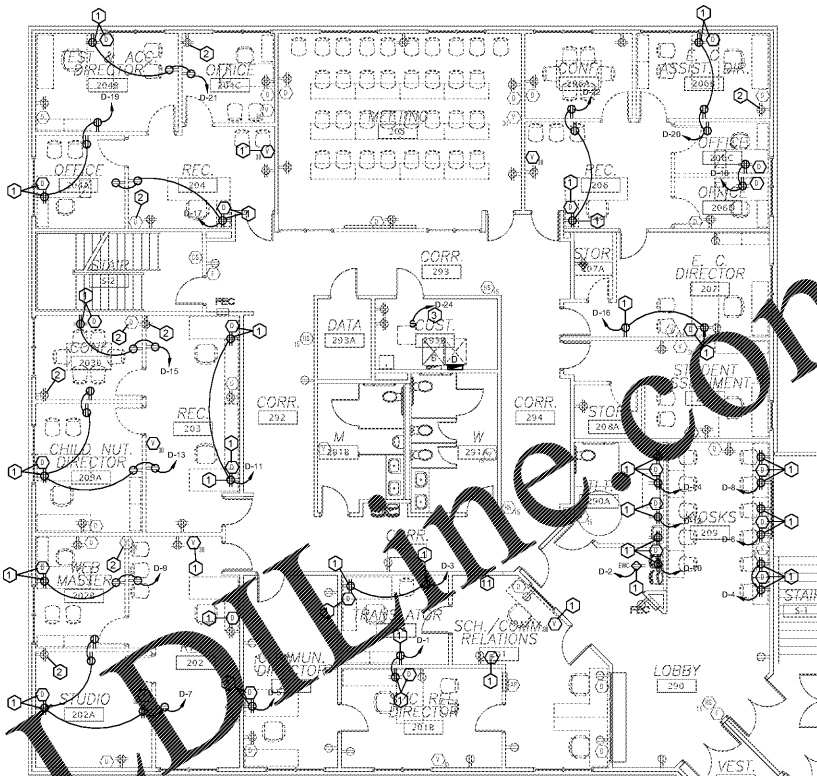
- ELECTRICAL DEVICE BOXES & RACEWAYS (WALL SWITCHES, POWER, DATA BOXES, FIRE ALARM DEVICES) SHOWN ALONG PREFABRICATED PARTITION (WALLS SHOWN DASHED) ARE TO BE INSTALLED BY PARTITION MANUFACTURER.
- ELECTRICAL CONTRACTOR TO INSTALL LIGHT SWITCHES, COVER PLATES & WIRING IN PREFABRICATED PARTITION WALLS.
- ELECTRICAL CONTRACTOR TO INSTALL FIRE ALARM WIRING & DEVICES IN PREFABRICATED PARTITION WALLS.
- PARTITION WALL CONTRACTOR TO WIRE OUTLETS TO ABOVE CEILING JUNCTION BOXES BY E.C. IN PREFABRICATED PARTITION WALLS.
- ELECTRICAL CONTRACTOR TO FEED POWER TO ABOVE CEILING JUNCTION BOX. PARTITION WALL CONTRACTOR WILL CONNECT POWER FEED FROM PARTITION WALLS TO ABOVE CEILING JUNCTION BOX.

ELECTRICAL CONSTRUCTION NOTES

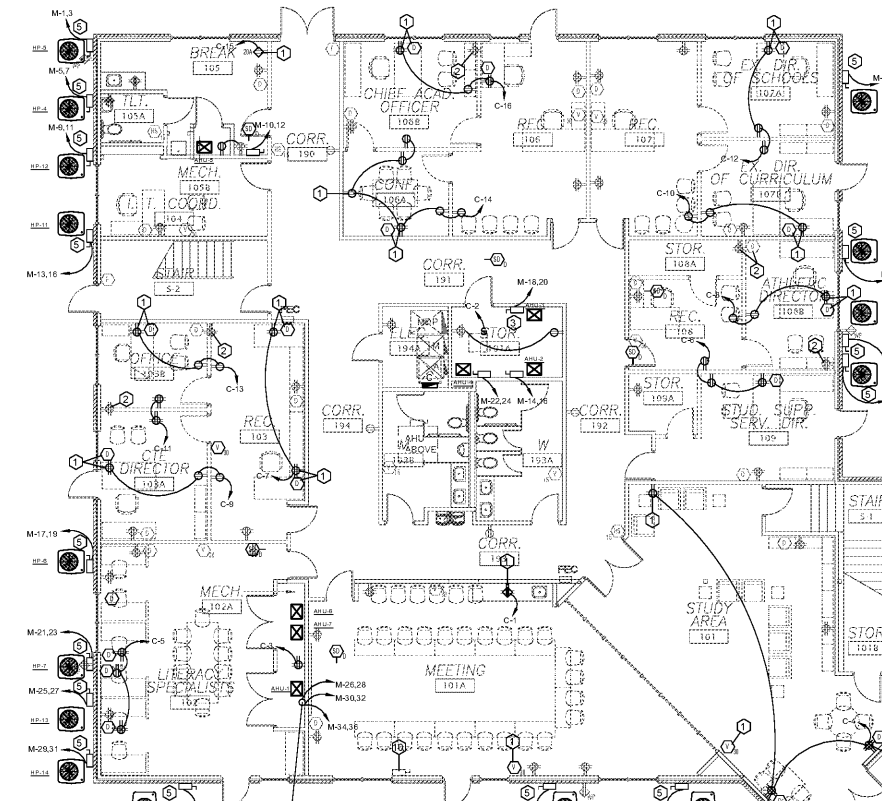
NOTES APPLY TO THIS SHEET ONLY.

- NEW OR RE-USED/RELOCATED ELECTRICAL DEVICE AS SHOWN. IF NEW, MATCH EXISTING CONNECT AS REQUIRED TO EXISTING CIRCUIT SYSTEM. FOR EXTERIOR WALLS (INTERIOR SIDE) & STAIR WALLS (RATED) USE RACEWAY SIMILAR TO LEGRAND WIREMOLD 5" PANEL RACEWAY, #800 SERIES. COORDINATE ALL RACEWAY LOCATIONS WITH ARCHITECT PRIOR TO WORK TO CONCEAL AS MUCH AS POSSIBLE.
- COORDINATE EXACT LOCATION OF EXISTING ELECTRICAL DEVICE & SHIMS AS NECESSARY TO AVOID TO WALLS). EXTEND EXISTING WIRING/CONDUIT AS REQUIRED. COORDINATE NEW LOCATION WITH OWNER OR ARCHITECT.
- COORDINATE EXACT LOCATION OF NEW DEHUMIDIFIER WITH MECHANICAL CONTRACTOR. CIRCUIT AS SHOWN.
- N/A
- NEW HEAT PUMP TO HAVE 208V 1Ø NEMA 3Ø DISCONNECTS AS REQUIRED. EXISTING WIRING & CONDUIT TO BE RELOCATED IF PRACTICAL. CLEAN & REPAIR OR REPLACE EXISTING ELECTRICAL AS NECESSARY FOR PROPER OPERATION. COORDINATE WITH MANUFACTURER'S RECOMMENDATIONS & EXISTING CONDITIONS & REVISE AS REQUIRED.
- THIS ROOM, EXISTING LIGHT FIXTURE LOCATIONS TO REMAIN. CLEAN, RE-LAMP, & REPAIR OR REPLACE FIXTURES AS NECESSARY. NEW SHIMS WHERE SHOWN.
- THIS ROOM, EXISTING FIXTURES TO BE REPLACED WITH NEW LAYOUT USING EXISTING WIRING/CONDUIT PREVIOUSLY SERVING THE SAME AREA. EXTEND/SHORTEN AS REQUIRED. NEW SHIMS WHERE SHOWN.
- EXISTING EXTERIOR FIXTURE TO BE REPLACED WITH EMERGENCY WALLPACK WITH COLD LEATHER BATTERY BACKUP & PHOTOCELL. SIMILAR TO: COLLECTING #0444LED-40-35-SUN-TS-RZ-EMG ORDER TO BYPASS EXISTING OUTDOOR LIGHTING CONTROLS
- TO BE CONNECTED TO EXISTING NIGHTLIGHT/EGRESS CIRCUIT WITH 3/4" IN 1/2" CONDUIT.
- NEW LOCATION FOR EXISTING AIR HANDLER DISCONNECT. EXTEND WIRING & CONDUIT AS NECESSARY.
- NEW LOCATION FOR EXISTING SECURITY SYSTEM. COORDINATE EXTENT OF WORK PRIOR TO DEMOLITION & CONSTRUCTION. COORDINATE WITH ARCHITECT.

SYMBOLS FOR EXISTING DEVICES ARE SIMILAR EXCEPT LIGHTER AND DASHED



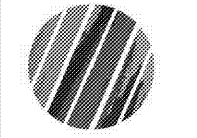
4 UPPER LEVEL - ELECTRICAL POWER & RECEPTACLE PLAN
SCALE: 1/8"=1'-0"



3 LOWER LEVEL - ELECTRICAL POWER & RECEPTACLE PLAN
SCALE: 1/8"=1'-0"



Renovation of
920 Corporate Drive
Orange County Schools
920 Corporate Drive
Hillsborough, North Carolina



no.	revisions

The use of these plans and specifications shall be restricted to the project and for which they were prepared and publication thereof or any other use without the express written consent of the architect is prohibited. It is to be returned upon request to the architect. Head contact with these plans and specifications and any other project documents at the acceptance of these specifications.

drawn JWC checked JSD

ELECTRICAL UPPER & LOWER LEVEL
LTG & RECEPT/
POWER PLANS
sheet

E301

project no. 2019016.00

date 7.22.19