

FAN CONNECTION SCHEDULE										
ITEM NO.	CHARACTERISTICS				CIRCUIT	FEEDER	DISCONNECT SWITCH			
	VOLTS	PH	NOTE	MCA			MOP	SIZE	P	FEATURES
IT-F-2	120	1	A	3.7	20	LIM-2	3/4" C., 2#12, 1#12G	-	-	PROVIDED WITH UNIT

NOTE - "A" - EXHAUST FAN IS CONTROLLED BY FACILITY MANAGEMENT SYSTEM.

INDOOR HEAT PUMP CONNECTION SCHEDULE										
ITEM NO.	CHARACTERISTICS				CIRCUIT	FEEDER	DISCONNECT SWITCH			
	VOLTS	PH	NOTE	MCA			MOP	SIZE	P	FEATURES
IT-IHP-2-2	208	1	-	0.39	15	LIM-19	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH
IT-IHP-2-3	208	1	-	0.24	15	LIM-19	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH
IT-IHP-2-4	208	1	-	1.20	15	LIM-19	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH
IT-IHP-2-5	208	1	-	0.24	15	LIM-19	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH
IT-IHP-2-6	208	1	-	3.51	15	LIM-23	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH
IT-IHP-2-7	208	1	-	3.51	15	LIM-23	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH
IT-IHP-2-8	208	1	-	3.51	15	LIM-23	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH

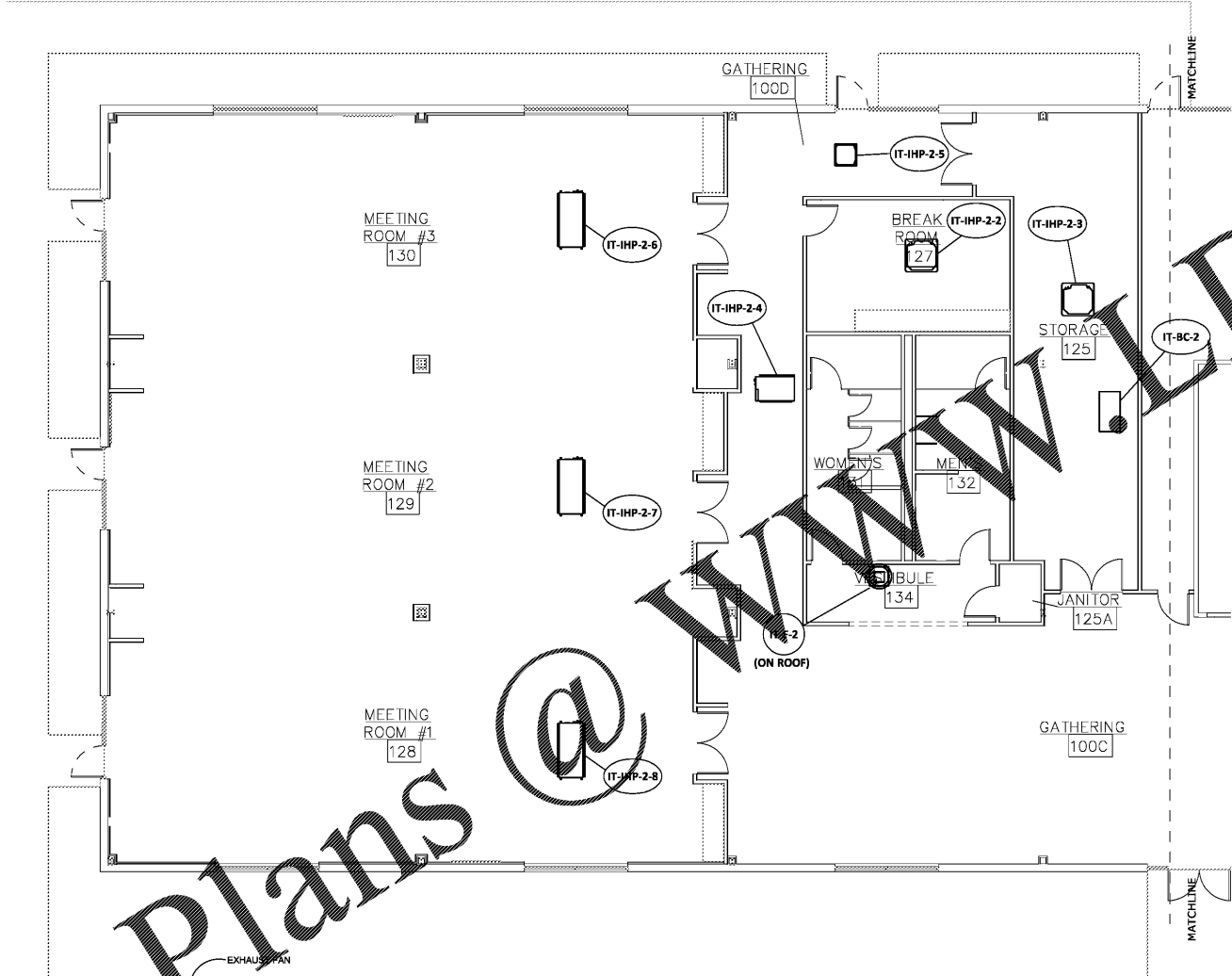
BRANCH CONTROLLER CONNECTION SCHEDULE										
ITEM NO.	CHARACTERISTICS				CIRCUIT	FEEDER	DISCONNECT SWITCH			
	VOLTS	PH	NOTE	MCA			MOP	SIZE	P	FEATURES
IT-BC-2	208	1	-	1.57	15	LIM-19	3/4" C., 2#12, 1#12G	20	2	2 POLE TOGGLE SWITCH



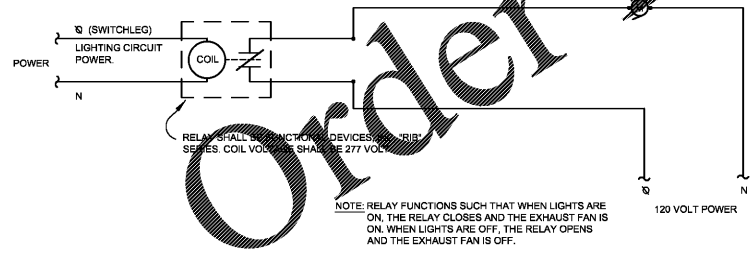
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**GENERAL NOTES:**

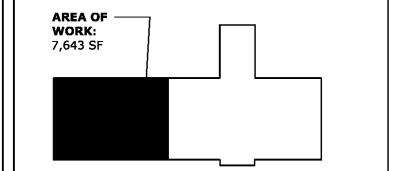
- REFER TO CONNECTION SCHEDULES PER THIS SHEET FOR CIRCUIT DESIGNATIONS, WIRE AND CONDUIT SIZE, DISCONNECT MEANS, AND OTHER ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT.
- COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH MECHANICAL DRAWINGS.
- SEE DETAIL SHEET E7-1 FOR APPLICABLE HVAC ROUGH-IN DETAILS.
- RISE UP CONCEALED INSIDE ROOF CURBS FOR ALL ROOF TOP UNITS.
- ALL EXTERIOR DISCONNECTS SHALL BE RATED NEMA 3R RATED.
- HOMERUN CIRCUITS ARE SHOWN AS NOTED IN CONNECTION SCHEDULES. PROVIDE ALL BRANCH CIRCUITS, CONDUITS AND CONDUCTORS AS NECESSARY TO CONNECT ALL EQUIPMENT SHOWN ON THE CIRCUIT.



1 MECHANICAL PLAN  
E4.1 SCALE: 1/8" = 1'-0"



2 DETAIL - EXHAUST FAN RELAY WIRING DIAGRAM  
E4.1 SCALE: NONE NOTE: DIVISION 26 TO PROVIDE RELAY, 120 VOLT, 277 VOLT POWER AND ALL CONNECTIONS. SEE SHEET E4.0 (FAN CONNECTION SCHEDULE).



REVISIONS:

Date	Description

**CCSD  
I.T./TRAINING  
DEPARTMENT**

FOR  
COLUMBIA COUNTY SCHOOL DISTRICT

4395 RIVERWATCH PARKWAY  
EVANS, GA 30809

DRAWING TITLE

**MECHANICAL PLAN**

PROJECT NO.	20-04C	DRAWING NO.	E4.1
DATE	10/26/2020		
DRAWN BY	JH		
PAPER	24"x36"		
ISSUE	CD		

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EDC PROJECT #: 19130