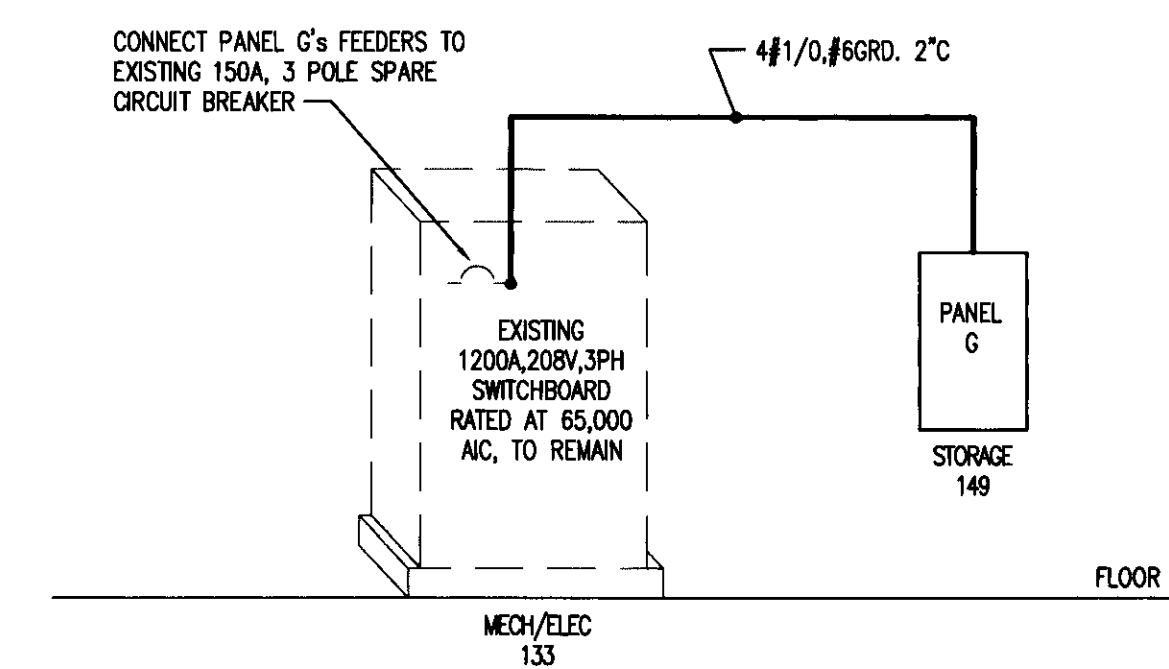


MAPLETON ELEMENTARY SCHOOL FLOOR PLAN - POWER
SCALE: 1/8" = 1'-0" NOTE 6

- NOTES**
- FURNISH AND INSTALL MANUAL MOTOR STARTER ABOVE ACCESSIBLE CEILING. COORDINATE EXACT LOCATION, IN FIELD, WITH HVAC CONTRACTOR AND EXISTING CONDITIONS.
 - ALL POWER WIRING FROM OUTDOOR UNIT (ACCU) TO INDOOR UNIT (SCU) SHALL BE 3/16" #12RD, 3/4" C AND FOLLOW MECHANICAL ROUTING OF REFRIGERANT LINES. COORDINATE EXACT ROUTING, IN FIELD, WITH HVAC CONTRACTOR PRIOR TO INSTALLATION.
 - FURNISH AND INSTALL HOME RUN TO EXISTING PANEL K (2P10, #10RD, 3/4" C). FURNISH AND INSTALL 2 POLE CIRCUIT BREAKER (FRAME TO MATCH EXISTING, SQUARE D NOOD) AND CONNECT TO HOME RUN. VERIFY EXISTING LOAD ON PANEL PRIOR TO CONNECTING.
 - FURNISH AND INSTALL 2P10, #10RD, 3/4" C. TO PANEL G AND CONNECT TO BREAKER AS INDICATED.
 - FURNISH AND INSTALL 2P8, #10RD, 3/4" C. TO PANEL G AND CONNECT TO BREAKER AS INDICATED.
 - REMOVE CEILING, AS REQUIRED, TO FACILITATE CONDUIT ROUTING. TEMPORARILY SUPPORT ALL CEILING MOUNTED DEVICES FROM STRUCTURAL STEEL AND REINSTALL IN THE SAME LOCATION AFTER CONSTRUCTION IS COMPLETE.
 - REFER TO TYPICAL WALL MOUNTED SCU DETAIL, ON SHEET E1.1, FOR ADDITIONAL INFORMATION.
 - FURNISH AND INSTALL RECEPTACLE MOUNTED ON THE SIDE OF MECHANICAL EQUIPMENT. COORDINATE DETAILS WITH HVAC CONTRACTOR.



PARTIAL ONE-LINE RISER DIAGRAM
NO SCALE

MAPLETON ES PANEL BOARD SCHEDULE

NAME PLATE DESIGNATION: G MAIN BREAKER: 150 AMP
AIC RATING: 22,000 AMP BUS RATING: 150 AMP
(FULLY RATED MAIN AND BRANCH CIRCUIT BREAKERS) (WITH 100% RATED NEUTRAL)

MOUNTING: SURFACED		CABINET: NEMA 1		VOLTAGE/PHASEWIRE:		120/208		3PH, 4W	
A	B	C	DESCRIPTION	CIRCUIT	DESCRIPTION	A	B	C	
1128	1128	20/2	MECH EQUIP RM127	1 2	MECH EQUIP RM135	25/2	1544	1544	
1544	1544	25/2	MECH EQUIP RM137	5 6	MECH EQUIP RM139	25/2	1544	1544	
1544	1544	25/2	MECH EQUIP RM140	9 10	MECH EQUIP RM141	25/2	1544	1544	
1544	1544	25/2	MECH EQUIP RM142	13 14	MECH EQUIP RM143	20/2	1128	1128	
1536	1536	25/2	MECH EQUIP RM146	17 18	MECH EQUIP RM156	25/2	1536	1536	
	1536	25/2	MECH EQUIP RM159	21 22	MECH EQUIP RM162	25/2		1536	
		25/2	SPARE	25 26	SPARE	20/2			
		1620	RECEPTACLES	29 30	SPARE	25/2			
			PROVISIONS	31 32	PROVISIONS				
			PROVISIONS	33 34	PROVISIONS				
			PROVISIONS	35 36	PROVISIONS				
			PROVISIONS	37 38	PROVISIONS				
			PROVISIONS	39 40	PROVISIONS				
			PROVISIONS	41 42	PROVISIONS				
15274	TOTAL WATTS		TOTAL WATTS 36828		TOTAL WATTS 17654				
			CONNECTED AMPS 102.50						

