MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE

Equipment Type	Equipment Number	COMMENTS	ELECTRICAL INFORMATION					DISC SIZE		WIRE SIZE			SERVING PANEL	NOTES
			VOLTAGE	Ø	FLA	MCA	LOAD	DISC TYPE	CB SIZE	Ø	GROUND	CONDUIT		
AC	1	AIR COMPRESSOR	480 V	3	13 A	15.9 A	10.6 kVA	30/3 N1SS	30 A	3#12	#10	1/2"C	4MP	30/3 NEMA 1 SAFETY SWITCH
AD	1	AIR DRYER	120 V	1	13 A	16.7 A	1.6 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
AHU	1	AIR HANDLER UNIT	480 V	3	24 A	29.5 A	19.6 kVA	SEE NOTES	30 A	3#10	#10	1/2"C	4NP	VFD W/ INTEGRAL DISCONNECT PROVIDED BY DIVISION 23, CONNECTED BY DIVISION 26.
AHU	2	AIR HANDLER UNIT	480 V	3	51 A	63.9 A	42.5 kVA	SEE NOTES	60 A	3#4	#8	1 1/4"C	4MP	VFD W/ INTEGRAL DISCONNECT PROVIDED BY DIVISION 23, CONNECTED BY DIVISION 26.
AHU	3	AIR HANDLER UNIT	480 V	3	17 A	21.3 A	14.1 kVA	SEE NOTES	20 A	3#10	#12	1/2"C	4MP	VFD W/ INTEGRAL DISCONNECT PROVIDED BY DIVISION 23, CONNECTED BY DIVISION 26.
ATU	1-1	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4NP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-2	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4NP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-3	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4NP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-4	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4NP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-5	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4NP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-6	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4NP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-8	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4NP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-9	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	1-18	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-1	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-2	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-3	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-4	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-5	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-6	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-7	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-8	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-9	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-10	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-11	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	[illegible]	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-12	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	[illegible]	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-13A	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	[illegible]	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-13B	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-14	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-15	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	[illegible]	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-16	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	2-17	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-1	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	[illegible]	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-2	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-3	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-5	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	[illegible]	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-6	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-7	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	[illegible]	2#12	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-8	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	[illegible]	[illegible]	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-9	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	[illegible]	[illegible]	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-10	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	[illegible]	[illegible]	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-11	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	[illegible]	[illegible]	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
ATU	3-13	AIR TERMINAL UNIT	277 V	1	0 A	0.5 A	0.1 kVA	SEE NOTES	[illegible]	[illegible]	#12	1/2"C	4MP	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
BCU	1	BLOWER COIL UNIT	120 V	1	12 A	[illegible]	[illegible]	SEE NOTES	[illegible]	2#12	#12	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
BCU	2	BLOWER COIL UNIT	120 V	1	15 A	19.2 A	1.8 kVA	SEE NOTES	30 A	2#12	#10	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
BCU	3	BLOWER COIL UNIT	120 V	1	15 A	19.2 A	[illegible]	SEE NOTES	30 A	2#12	#10	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
BCU	4	BLOWER COIL UNIT	120 V	1	15 A	[illegible]	[illegible]	SEE NOTES	30 A	2#12	#10	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
BCU	5	BLOWER COIL UNIT	120 V	1	[illegible]	[illegible]	[illegible]	SEE NOTES	30 A	2#12	#10	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
CHWP	1	CHILLED WATER PUMP	480 V	3	[illegible]	[illegible]	[illegible]	SEE NOTES	30 A	3#12	#10	1/2"C	4MP	VFD W/ INTEGRAL DISCONNECT PROVIDED BY DIVISION 23, CONNECTED BY DIVISION 26.
CHWP	2	CHILLED WATER PUMP	480 V	3	[illegible]	[illegible]	[illegible]	SEE NOTES	30 A	3#12	#10	1/2"C	4MP	VFD W/ INTEGRAL DISCONNECT PROVIDED BY DIVISION 23, CONNECTED BY DIVISION 26.
CP	1	RECIRCULATING PUMP	120 V	1	[illegible]	[illegible]	[illegible]	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
DAC	1-1	DUCTLESS SPLIT INDOOR	208 V	1	[illegible]	[illegible]	[illegible]	SEE NOTES	20 A	2#12	#12	1/2"C	2NP1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT. PROVIDE 2#12. #12G 3/4" CONDUIT FROM OUTDOOR UNIT.
DAC	1-2	DUCTLESS SPLIT INDOOR	[illegible]	1	1 A	1.3 A	0.2 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2NP1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT. PROVIDE 2#12. #12G 3/4" CONDUIT FROM OUTDOOR UNIT.
DAC	1-3	DUCTLESS SPLIT INDOOR	[illegible]	1	0 A	0.6 A	[illegible]	SEE NOTES	20 A	2#12	#12	1/2"C	2NP1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT. PROVIDE 2#12. #12G 3/4" CONDUIT FROM OUTDOOR UNIT.
DAC	2	DUCTLESS SPLIT INDOOR	208 V	[illegible]	1 A	1.3 A	0.2 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2NP1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT. PROVIDE 2#12. #12G 3/4" CONDUIT FROM OUTDOOR UNIT.
DCU	1	DUCTLESS SPLIT OUTDOOR	[illegible]	1	29 A	36.1 A	6.0 kVA	60/3 N3RSS	40 A	2#8	#10	3/4"C	2NP1	
[illegible]	2	DUCTLESS SPLIT OUTDOOR	208 V	1	7 A	9.0 A	1.5 kVA	30/3 N3RSS	20 A	2#12	#12	1/2"C	2NP1	
EF	1	EXHAUST FAN	120 V	1	1 A	1.4 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2NP1	DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 23.
EF	2	EXHAUST FAN	120 V	1	1 A	1.4 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2NP1	DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 23.
EF	3	EXHAUST FAN	120 V	1	1 A	1.4 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2NP1	DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 23.
EF	[illegible]	EXHAUST FAN	120 V	1	8 A	10.4 A	1.0 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 23.
EF	[illegible]	EXHAUST FAN	120 V	1	1 A	0.9 A	0.1 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 23.
EF	[illegible]	EXHAUST FAN	120 V	1	13 A	16.6 A	1.6 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 23.
EF	7	EXHAUST FAN	120 V	1	8 A	10.4 A	1.0 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	DISCONNECT INTEGRAL TO EQUIPMENT BY DIVISION 23.
GWH	1	GAS WATER HEATER	120 V	1	8 A	10.4 A	1.0 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	PROVIDE MOTOR RATED MANUAL TOGGLE CONTROLLER WITH OVERLOAD ELEMENT FOR CONTROL OF EQUIPMENT.
HWP	1	HOT WATER PUMP	480 V	3	4 A	5.1 A	3.4 kVA	SEE NOTES	20 A	3#12	#12	1/2"C	4MP	VFD W/ INTEGRAL DISCONNECT PROVIDED BY DIVISION 23, CONNECTED BY DIVISION 26.
HWP	2	HOT WATER PUMP	480 V	3	4 A	5.1 A	3.4 kVA	SEE NOTES	20 A	3#12	#12	1/2"C	4MP	VFD W/ INTEGRAL DISCONNECT PROVIDED BY DIVISION 23, CONNECTED BY DIVISION 26.
SUMP	1	SUMP PUMP	120 V	1	13 A	16.6 A	1.6 kVA	SEE NOTES	20 A	2#12	#12	1/2"C	2M1	
VP	1	VACUUM PUMP	480 V	3	36 A	45.1 A	30.0 kVA	60/3 N1SS	50 A	3#6	#10	1"C	4MP	60/3 NEMA 1 SAFETY SWITCH

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