



GENERAL NOTES:

- REFER TO MECHANICAL CONNECTION SCHEDULES FOR CIRCUIT DESIGNATIONS, WIRE AND CONDUIT SIZE, DISCONNECT MEANS, AND OTHER ELECTRICAL REQUIREMENTS FOR MECHANICAL, PLUMBING AND FIRE PROTECTION EQUIPMENT, AND FIRE PROTECTION DRAWINGS.
- COORDINATE EXACT LOCATIONS OF ALL EQUIPMENT WITH MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS.
- PROVIDE 120V CONTROL POWER TO ALL HVAC CONTROL PANELS. SEE MECHANICAL DRAWINGS FOR EXACT LOCATION AND POWER PLANS FOR CIRCUITING.
- WALL JUNCTION BOXES AND CONDUIT FOR THERMOSTATS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR. VERIFY EXACT LOCATION AND QUANTITY WITH MECHANICAL PRIOR TO ROUGH-IN.
- SEE DETAIL SHEETS FOR APPLICABLE HVAC ROUGH-IN DETAILS.
- LOCATE DISCONNECT AT UNIT AS REQUIRED TO MAINTAIN PROPER CLEARANCES PER NEC.
- ALL EXTERIOR DISCONNECTS SHALL BE RATED NEMA 3R RATED.
- ALL EXTERIOR FLEXIBLE CONDUIT SHALL BE METALLIC WATERPROOF.
- COORDINATE BREAKER SIZE TO MATCH NAMEPLATE ON UNITS.
- MRS DENOTES MOTOR RATED SWITCH.

1 MECHANICAL POWER PLAN
E401 SCALE: 1/4" = 1'-0"

WATER HEATERS CONNECTION SCHEDULE

EQUIPMENT INFORMATION		CIRCUIT INFORMATION				DISC		REMARKS			
ID	VOLT	PH	MCA	MOCPP	PANEL	NO.	APPARENT LOAD	CONDUIT & WIRE SIZE	NOTES	TYPE	REMARKS
WH-1	208 V	1	27.0 A	30.0 A	L1	28,30	55 VA	3/4"C,2#12,1#10G		30/2/1	-

PLUMBING MISCELLANEOUS CONNECTION SCHEDULE

EQUIPMENT INFORMATION		CIRCUIT INFORMATION				DISC		REMARKS			
ID	VOLT	PH	MCA	MOCPP	PANEL	NO.	APPARENT LOAD	CONDUIT & WIRE SIZE	NOTES	TYPE	REMARKS
RP-1	120 V	1	5.5 A	6.0 A	L1	32	528 VA	3/4"C,2#12,1#12G		MRS	-

FANS CONNECTION SCHEDULE

EQUIPMENT INFORMATION		CIRCUIT INFORMATION				DISC		REMARKS			
ID	VOLT	PH	MCA	MOCPP	PANEL	NO.	APPARENT LOAD	CONDUIT & WIRE SIZE	NOTES	TYPE	REMARKS
F-1	120 V	1	0.2 A	15.0 A	L1	3	18 VA	3/4"C,2#12,1#12G	1	MRS	-
F-2	120 V	1	0.2 A	15.0 A	L1	3	18 VA	3/4"C,2#12,1#12G	1	MRS	-
F-3	120 V	1	0.2 A	15.0 A	L1	3	18 VA	3/4"C,2#12,1#12G		MRS	-
F-4	120 V	1	0.2 A	15.0 A	L1	3	16 VA	3/4"C,2#12,1#12G		MRS	-

FAN NOTES:

- SWITCH WITH LIGHTING IN THIS SPACE.

OUTDOOR HEAT PUMP UNITS SCHEDULE

EQUIPMENT INFORMATION		CIRCUIT INFORMATION				DISC		REMARKS			
ID	VOLT	PH	MCA	MOCPP	PANEL	NO.	APPARENT LOAD	CONDUIT & WIRE SIZE	NOTES	TYPE	REMARKS
OHP-1b	208 V	3	41.0 A	60.0 A	MDP	2,4,6	11817 VA	1 1/4"C,3#4,1#8G		60G/3R	-
OHP-1-1	208 V	1	11.0 A	30.0 A	L1	43,45	1830 VA	3/4"C,2#10,1#10G		30G/3R	-
OHP-1a	208 V	3	41.0 A	60.0 A	MDP	8,10,12	11817 VA	1 1/4"C,3#4,1#8G		60G/3R	-

INDOOR HEAT PUMP UNITS SCHEDULE

EQUIPMENT INFORMATION		CIRCUIT INFORMATION				DISC		REMARKS			
ID	VOLT	PH	MCA	MOCPP	PANEL	NO.	APPARENT LOAD	CONDUIT & WIRE SIZE	NOTES	TYPE	REMARKS
IHP-1	208 V	1	0.3 A	15.0 A	L1	47,49	55 VA	3/4"C,2#12,1#12G		MRS	-
IHP-2	208 V	1	8.2 A	15.0 A	L1	51,53	1364 VA	3/4"C,2#12,1#12G		MRS	-
IHP-3	208 V	1	2.7 A	15.0 A	L1	44,46	454 VA	3/4"C,2#12,1#12G		MRS	-
IHP-4	208 V	1	0.2 A	15.0 A	L1	47,49	40 VA	3/4"C,2#12,1#12G		MRS	-
IHP-5	208 V	1	0.2 A	15.0 A	L1	47,49	40 VA	3/4"C,2#12,1#12G		MRS	-
IHP-6	208 V	1	0.2 A	15.0 A	L1	47,49	40 VA	3/4"C,2#12,1#12G		MRS	-
IHP-7	208 V	1	0.2 A	15.0 A	L1	47,49	40 VA	3/4"C,2#12,1#12G		MRS	-
IHP-8	208 V	1	0.2 A	15.0 A	L1	47,49	40 VA	3/4"C,2#12,1#12G		MRS	-
IHP-9	208 V	1	2.7 A	15.0 A	L1	44,46	454 VA	3/4"C,2#12,1#12G		MRS	-
DOAS-1	208 V	1	3.3 A	15.0 A	L1	48,50	548 VA	3/4"C,2#12,1#12G		MRS	-
IHP-1-1	208 V	1	0.0 A	15.0 A			0 VA		1	MRS	-
IHP-10	208 V	1	1.6 A	15.0 A	L1	44,46	260 VA	3/4"C,2#12,1#12G		MRS	-

INDOOR HEAT PUMP NOTES:

- INDOOR UNIT POWERED FROM OUTDOOR UNIT. ROUTE 3/4" C. FROM OHP TO IHP.

VRF BRANCH CONTROLLERS CONNECTION SCHEDULE

EQUIPMENT INFORMATION		CIRCUIT INFORMATION				DISC		REMARKS			
ID	VOLT	PH	MCA	MOCPP	PANEL	NO.	APPARENT LOAD	CONDUIT & WIRE SIZE	NOTES	TYPE	REMARKS
BC-1	208 V	1	1.5 A	15.0 A	L1	47,49	250 VA	3/4"C,2#12,1#12G		MRS	-

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SRP BRANCH BANK

REVISIONS

REV #	DATE	APRVD BY	REVISION
1	3/17/21	AF	ISSUE FOR PERMIT

DA PROJECT NUMBER & NAME:
 2092
 DRAWING TITLE:
MECHANICAL POWER PLAN

DRAWING NO:
E401

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