

DRAWING PRINTED FULL SIZE (20x28) ON 24" X 36" ARCHITECTURAL PAPER. THIS DRAWING IS A COPY OF THE ORIGINAL DRAWING. ANY CHANGES TO THIS DRAWING WILL BE MADE TO THE ORIGINAL DRAWING. THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED HEREON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE ARCHITECT AND OTHER PROFESSIONALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE ARCHITECT AND OTHER PROFESSIONALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INFORMATION FROM THE ARCHITECT AND OTHER PROFESSIONALS.

MECHANICAL EQUIPMENT SCHEDULE DEVICE LEGEND	
ABBREVIATION	DESCRIPTION
CP	CONTROL PANEL: EQUIPMENT HAVING A CONTROL PANEL SHALL BE FURNISHED AND INSTALLED BY DIVISION 25 AND WIRED BY DIVISION 26.
CSD	COMBINATION FUSED DISCONNECT & STARTER: EQUIPMENT REQUIRING A STARTER SHALL BE FURNISHED WITH A COMBINATION STARTER/FUSED DISCONNECT BY DIVISION 26. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE THE COMBINATION STARTER/FUSED DISCONNECT.
FDS	FUSED DISCONNECT SWITCH: UNLESS OTHERWISE INDICATED, ALL FUSED DISCONNECT SWITCHES ARE PROVIDED BY DIVISION 26.
JB	JUNCTION BOX: UNLESS OTHERWISE INDICATED, JUNCTION BOX PROVIDED AND INSTALLED BY DIVISION 26.
MMS	MANUAL MOTOR STARTER: THERMAL OVERLOAD PROVIDED AND INSTALLED BY DIV. 26.
VFD	VARIABLE FREQUENCY DRIVE: UNLESS OTHERWISE INDICATED, VARIABLE FREQUENCY DRIVES PROVIDED AND INSTALLED BY DIV. 26. PROVIDE FILTERS AT EACH VFD TO REDUCE HARMONIC DISTORTION. REFER TO SPECIFICATIONS. COORDINATE LOCATION OF VFD WITH MECHANICAL CONTRACTOR AND FIELD CONDITIONS. EQUIPMENT WITH VFD NOT WITHIN SIGHT OF THE ASSOCIATED EQUIPMENT SHALL BE PROVIDED WITH A LOCAL DISCONNECT. DISCONNECT SWITCHES LOCATED AT MOTORS, SERVED BY A VFD, SHALL HAVE ELECTRICAL INTERLOCK KIT FOR INTERFACE TO VFD SHUTDOWN. A PIVOT ARM OPERATES FROM THE SWITCH MECHANISM, BREAKING THE CONTROL CIRCUIT BEFORE THE MAIN SWITCH BLADES BREAK. PROVIDE, IN ADDITION TO THE MOTOR FEED, 2#12 IN A 3/4" CONDUIT FROM THE DISCONNECT TO THE VFD.
VFD*	VFD'S SHOWN IN THIS SCHEDULE DENOTED WITH "*" INDICATES VFD PROVIDED WITH EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE FUSED DISCONNECT SWITCH WITH PIVOT ARM CONTACTS AT EQUIPMENT EXTERIOR. THE PIVOT ARM OPERATES FROM THE SWITCH MECHANISM, BREAKING THE CONTROL CIRCUIT BEFORE THE MAIN SWITCH BLADES BREAK. PROVIDE, IN ADDITION TO THE MOTOR FEED, 2#12 IN A 3/4" CONDUIT FROM THE DISCONNECT TO THE VFD.

ELECTRICAL SHEET NOTES - MECHANICAL EQUIPMENT SCHEDULE	
1	REFER TO THE MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS AND SPECIFICATIONS FOR THE LOCATIONS OF ALL EQUIPMENT REQUIRING AN ELECTRICAL CONNECTION. PROVIDE FLEXIBLE CONNECTIONS TO ASSOCIATED EQUIPMENT.
2	LOCATE DISCONNECT SWITCHES, COMBINATION CONTROLLERS AND VFD'S AS CLOSE AS PRACTICABLE TO EQUIPMENT SERVED, AND IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE. CONTROL EQUIPMENT NOT WITHIN SITE OF THE MOTOR SHALL BE PROVIDED WITH A LOCAL FUSED DISCONNECT WITH ENCLOSURE PROPERLY RATED FOR THE APPLICATION. ELECTRICAL EQUIPMENT SHALL BE RATED FOR THE MAXIMUM AVAILABLE FAULT CURRENT, AND SHALL BE RATED IN HORSEPOWER TO MEET THE REQUIREMENTS OF THE EQUIPMENT SERVED.
3	PROVIDE NAMEPLATE FOR EACH CONTROLLER AND/OR DISCONNECT MOUNTED ON FRONT OF UNIT ENCLOSURE. NAMEPLATE SHALL INDICATE EQUIPMENT NAME (I.E. AHU-4), CONTROLLER DESIGNATION (I.E. VFD, STARTER, ETC), EQUIPMENT ELECTRICAL CHARACTERISTICS (I.E. VOLTAGE, PHASE, HP), SOURCE FED FROM (I.E. FED FROM PANEL M432) AND LOCATION OF SOURCE (I.E. LOCATED IN ELEC RM 142).
4	REFER TO POWER PLANS FOR ALL FAN COIL, FAN BOX, AND UNIT HEATER BRANCH CIRCUIT WIRING INFORMATION.
5	AQUASTAT FOR WATER HEATER CIRCULATION PUMP, FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.

ELECTRICAL KEY NOTES - MECHANICAL EQUIPMENT SCHEDULE	
KEY NOTE	DESCRIPTION
1	MULTIPLE INSTANCES OF EQUIPMENT ARE SHOWN THROUGHOUT THE PROJECT. REFER TO THE ELECTRICAL POWER PLANS FOR THE PANEL AND CIRCUIT NUMBER DESIGNATED FOR EACH INSTANCE OF EQUIPMENT.

MECHANICAL EQUIPMENT SCHEDULE																			
TAG NAME	#	DESCRIPTION	TRADE	LOAD			VOLTAGE	Φ	POWER SYSTEM	PANEL	CKT	CIRCUIT BREAKER	BRANCH CIRCUITRY			DEVICE	LOCATION	KEY NOTE	
				HP	W	FLA							CONDUCTORS	GROUND	CONDUIT				
CP	1	CONDENSATE PUMP	HVAC	0	0	2	120	1	NORMAL	LNK3-9-1A	13	15A-1P	2-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
CP	1	CONDENSATE PUMP	HVAC	0	0	2	120	1	NORMAL	LNK3-9-1A	14	15A-1P	2-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
CP	1	CONDENSATE PUMP	HVAC	0	0	2	120	1	NORMAL	LNK3-9-1A	15	15A-1P	2-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
CP	1	CONDENSATE PUMP	HVAC	0	0	2	120	1	NORMAL	LNK3-9-1A	16	15A-1P	2-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
CP	1	CONDENSATE PUMP	HVAC	0	0	2	120	1	NORMAL	LNK3-9-1A	17	15A-1P	2-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
ERV	1	ENERGY RECOVERY VENTILATOR	HVAC	0	0	18	208	1	NORMAL	LNP3-9-1	43.45	25A-2P	2-10 AWG	1-10 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
ERV	2	ENERGY RECOVERY VENTILATOR	HVAC	0	0	18	208	3	NORMAL	LNP3-9-1	47.49.51	25A-3P	3-10 AWG	1-10 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
FCU	1	FAN COIL UNIT	HVAC	1.5	0	3	480	3	NORMAL	HNP3-12-1	25.27.29	15A-3P	3-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
FCU	2	FAN COIL UNIT	HVAC	1.5	0	3	480	3	NORMAL	HNP3-12-1	31.33.35	15A-3P	3-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
FCU	3	FAN COIL UNIT	HVAC	1.5	0	3	480	3	NORMAL	HNP3-12-1	37.39.41	15A-3P	3-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
FCU	4	FAN COIL UNIT	HVAC	1.5	0	3	480	3	NORMAL	HNP3-12-1	32.34.36	15A-3P	3-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	
FCU	5	FAN COIL UNIT	HVAC	1	0	2	480	3	NORMAL	HNP3-12-1	38.40.42	15A-3P	3-12 AWG	1-12 AWG	3/4"C	FDS	REFER TO HVAC DRAWINGS	-	

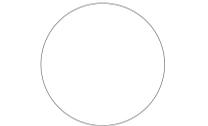
888 resorts World Dr
Monticello, NY 12701

JCJ ARCHITECTURE
120 HUYSHOPE AVENUE
SUITE 400
HARTFORD, CT 06106
860.247.9226

© 2021 JCJ Architecture

CONSULTANT:
VANDERWEIL
Vanderweil Engineers, LLP
274 Summer Street
Boston, MA 02210
617.423.7432 TEL
617.423.7401 FAX
vanderweil.com

BIDDING & CONSTRUCTION
07/06/2022



ISSUE	07/06/2022
JOB	30860.00
DRAWN	JDB
SCALE	
REVISIONS	