ELECTRICAL EQUIPMENT WIRING SCHEDULE

MAG = MAGNETIC STARTER
MAN = MANUAL STARTER
VFD = VARIABLE FREQUENCY DRIVE

RVS = REDUCED VOLTAGE STARTER
2SP = 2 SPEED MAGNETIC STARTER
CS = COMBINATION STARTER

F = FUSED DISCONNECT
NF = NON-FUSED DISCONNECT

EC = ELECTRICAL CONTRACTOR
MC = MECHANICAL CONTRACTOR
PC = PLUMBING CONTRACTOR

			LOAD			EQUIPMENT		FEED FROM		BREAKER		BRANCH WIRING				STARTER			DISCONNECT				
EQUIP. DESIG.	EQUIPMENT DESCRIPTION	LOCATION	KW	HP	AMPS	VOLTS	PHASE	PANEL	CKT	SIZE	POLE	NO.	SIZE	GROUND	CONDUIT	TYPE	SIZE	BY	TYPE	SIZE	FUSE	BY	SEE NOTE #
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ELECTRICAL EQUIPMENT WIRING SCHEDULE GENERAL NOTES:

- ALL WORK BY THIS CONTRACTOR TO COMPLY WITH ALL LOCAL, STATE AND NATIONAL ELECTRICAL CODES.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH OTHER TRADES TO AVOID CONFLICTS AND TO VERIFY ALL EQUIPMENT CONNECTION REQUIREMENTS.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE ELECTRICAL SYSTEM PER CONTRACT DOCUMENTS AND ENSURING THAT THE SYSTEM IS OPERATIONAL UPON JOB COMPLETION.
- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE ELECTRICAL SYSTEM FOR ALL OWNER-FURNISHED APPLIANCES IN ACCORDANCE WITH NEC ARTICLE 422 AND 440.22.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL BRANCH CIRCUIT WIRING IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND THESE PROJECT DOCUMENTS.
- PROVIDE ALL POWER WIRING INCLUDING ALL CIRCUITRY CARRYING ELECTRICAL ENERGY FROM PANELBOARD OR OTHER SOURCE THROUGH STARTERS AND DISCONNECTS TO MOTORS, PACKAGED EQUIPMENT, OR PACKAGED CONTROL PANELS. PROVIDE ALL WIRING BETWEEN CONTROL PANELS AND MOTORS. INCLUDE STARTERS, DISCONNECTS, AND OVERLOAD PROTECTION IF NOT INCLUDED IN SPECIFICATIONS. COORDINATE WITH EQUIPMENT SUPPLIER.
- MOTORS CONNECTED TO EMERGENCY SYSTEMS CIRCUITRY SHALL HAVE CIRCUITRY INSTALLED IN SEPARATE RACEWAYS.
- PROVIDE SEPARATE GREEN GROUND FOR EACH MOTOR AND EQUIPMENT CONNECTION ROUTED BACK TO INTEGRAL GROUND BUS OF ASSOCIATED PANELBOARD OR MOTOR CONTROL CENTER. GROUND CONDUCTOR SIZES PER NEC ARTICLE 250.122.
- ALL HEATING, AIR CONDITIONING AND REFRIGERATION EQUIPMENT INSTALLED ON THE EXTERIOR OF THE BUILDING OR ROOF TOP SHALL HAVE A 15 AMP, 125V WEATHER-RESISTANT GFCI RECEPTACLE SURFACE MOUNTED IN WEATHERPROOF ENCLOSURE, MOUNTED ADJACENT TO EQUIPMENT.
- THIS CONTRACTOR SHALL VERIFY ELECTRICAL REQUIREMENTS INCLUDING VOLTAGE, HORSEPOWER, STARTER TYPE, AND DISCONNECTING MEANS FOR MOTORS AND EQUIPMENT PRIOR TO ORDERING CIRCUIT BREAKERS, DISCONNECT SWITCHES, AND STARTERS.

ELECTRICAL EQUIPMENT WIRING SCHEDULE NOTES:

1.

TYPICAL ELECTRICAL EQUIPMENT WIRING SCHEDULE
03/01/2021