AIR COMPRESSOR SCHEDULE

MARK	DESCRIPTION	LOCATION	SERVICE	COMPRESSOR CAPACITY (SCFM)	DISCHARGE PRESSURE (PSIG)	MAXIMUM PRESSURE (PSIG)	HP	VOLTS	PH	CYCLE	APPROXIMATE WEIGHT (LBS)	MODEL NUMBER	MANUFACTURER	NOTES
COMP 1	OIL FREE COMPRESSOR	BLDG 38	MULTI BLDG	400	125	135	100	460	3	60	3910	KNWA0-DH	ROGERS	1
COMP 2	OIL FREE COMPRESSOR	BLDG 38	MULTI BLDG	400	125	135	100	460	3	60	3910	KNWA0-DH	ROGERS	1

NOTES:
1. ITEMS TO BE PROVIDED BY MANUFACTURER.
   - ALLEN BRADLEY SOLID STATE REDUCED VOLTAGE MOTOR STARTER.
   - ALLEN BRADLEY COMPACT LOGIX PLC AND ALLEN BRADLEY ETHERNET IP REMOTE COMMUNICATION PROTOCOL.
   - NON-FUSED DISCONNECT SWITCH (460V)
   - ELECTRICAL ENCLOSURE COOLING FAN
   - FREEZE PROTECTION MINUS 20°F
   - AUTOMATIC RESTART AFTER POWER FAILURE

COMPRESSED AIR RECEIVER SCHEDULE (PROVIDED BY OWNER)

MARK	DESCRIPTION	LOCATION	SERVICE	MAWP	MINIMUM DESIGN METAL TEMPERATURE	CAPACITY (GAL)	RELIEF VALVE (SCFM)	DIAMETER (IN)	HEIGHT (IN)	TANK WEIGHT (LBS)	NOTES
RT-1	VERTICAL WET COMPRESSED AIR RECEIVER	BLDG 38	MULTI BUILDING	150 PSI	-22 °F	2000	900	60	174	3550	ALL

NOTES:

1. PROVIDE ALL NECESSARY ACCESSORIES TO COMPLETE THE SYSTEM.
2. SET AIR RELIEF VALVE AT 150 PSI.
3. PROVIDE NEW RELIEF VALVE.
4. PROVIDE AUTOMATIC DRAIN VALVE.

COMPRESSED AIR DRYER SCHEDULE

MARK	DESCRIPTION	LOCATION	SERVICE	COMPRESSED AIR CAPACITY (SCFM @ 100 PSIG)	OUTLET PRESSURE DEW POINT (DEG F)	MAX/AVG CYCLE PURGE LOSSES (SCFM)	HEATER KW	VOLTS	PHASE	CYCLE	FLA (AMPS)	WEIGHT (LBS)	MANUFACTURER	MODEL NUMBER	NOTES
DRYER 1	EXTERNALLY HEATED DESICCANT DRYER	BLDG 38	COMP 1	500	-40	40	6	460	3	60	10.2	1700	PARKER	TWP501	1
DRYER 2	EXTERNALLY HEATED DESICCANT DRYER	BLDG 38	COMP 2	500	-40	40	6	460	3	60	10.2	1700	PARKER	TWP501	1

NOTES:
1. ITEMS TO BE PROVIDED BY MANUFACTURER.
   - ALLEN BRADLEY COMPACT LOGIX PLC AND ALLEN BRADLEY ETHERNET IP REMOTE COMMUNICATION PROTOCOL.
   - NON-FUSED DISCONNECT SWITCH (460V)
   - AUTOMATIC RESTART AFTER POWER FAILURE
   - PRE AND FINAL FILTRATION

LOUVER SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	TYPE	WIDTH	HEIGHT	FREE AREA	PERCENT FREE AREA (%)	FREE AREA VEL. MAX	MATERIAL	V/Ph/Hz	NOTES
LV-1	Greenheck Fan Corp.	EAD-401	COMBINATION/DAMPER, DRAINABLE (INTAKE)	4'-4"	6'-6"	11.10 SF	53	889 FPM	ALUMINIUM	115/1/60	ALL
LV-2	Greenheck Fan Corp.	EAD-401	COMBINATION/DAMPER, DRAINABLE (INTAKE)	4'-4"	6'-6"	11.10 SF	53	889 FPM	ALUMINIUM	115/1/60	ALL

NOTES:
1. PROVIDED WITH FACTORY-MOUNTED AND ADJUSTED ELECTRIC ACTUATORS.
2. PROVIDE INSECT SCREEN, ALUMINUM, INTERNALLY MOUNTED.
3. FINISH SHALL BE COORDINATED AND APPROVED BY ARCHITECT.
4. ACTUATOR SHOULD BE INTERLOCKED WITH THE EXHAUST FAN AND COMPRESSOR.

EXHAUST FAN SCHEDULE

MARK	SERVICE	TYPE	MANUFACTURER	MODEL NUMBER	WEIGHT (LB)	ELEVATION	AIRFLOW (CFM)	ESP (IN. W.G.)	DRIVE TYPE	FAN RPM	MOTOR HP	V/Ph/Hz	MCA (AMPS)	MOP (AMPS)	NOTES
EF-1	COMPRESSOR BLDG	WALL MOUNTED	GREENHECK	AER-20-03-0320	77	132'-0"	3400	0.5	DIRECT	1750	3/4	460/3/60	2	15	ALL

NOTES:
1. PROVIDE HEAVY DUTY BACKDRAFT DAMPER
2. PROVIDE UNIT MOUNTED DISCONNECT SWITCH.
3. PROVIDE WEATHER HOOD.
4. PROVIDE H-O-A SWITCH.

NO.	DATE	REVISION	BY	APV'D
0	09/18/2024	100% ISSUED FOR CONSTRUCTION - EXPANSION	JWG	SJG

DSGN JWG | DR RPA | CHK JWG | APV'D SJG

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STEVE J. GOODELL
ENGINEER
No. 9593
REGISTERED PROFESSIONAL ENGINEER
09/18/2024
SEAL

Compressor-Building
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

Jacobs NABHOLZ

MECHANICAL SCHEDULES

SHEET NO
M-701

SCALE	
DATE	09/18/2024
PROJ	D3754502
DWG	CMDN-OSD_Compressor-Building_M-701

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