

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
<b>PLAN-VIEW LINE TYPES</b>	
	WORK SHOWN FEADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE
	WORK SHOWN BOLD-DASHED INDICATES SELECTIVE DEMOLITION WORK
	WORK SHOWN BOLD-CONTINUOUS INDICATES NEW WORK
<b>DRAWING SET APPEARANCE</b>	
TO BETTER COMMUNICATE SCOPE TO PERMIT AGENCIES AND CONTRACTORS, EACH DRAWING IN THIS DRAWING SET HAS BEEN CREATED IN BOTH "COLOR" AND "BLACK AND WHITE". THERE EXISTS A "COLOR" LAYER WITH EACH DRAWING WHERE VISIBILITY IS CONTROLLED THROUGH THE PDF LAYER MANAGER. THIS LAYER VISIBILITY CAN BE TOGGLED DISPLAYING EITHER "COLOR" OR "BLACK AND WHITE". TO MAINTAIN SCOPE BASED SHADING WHEN PRINTING TO PAPER, BLACK AND WHITE NEEDS TO BE VISIBLE. FOR FURTHER INSTRUCTIONS, REFER TO CONTRACTOR RESOURCES ON OUR WEBSITE AND DOWNLOAD "DRAWING COLOR INSTRUCTIONS". WWW.KLHENGRS.COM - CONTRACTOR RESOURCES (RIGHT HAND SIDE OF PAGE).	
<b>PIPING LINE TYPES</b>	
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	CONDENSATE DRAIN
<b>MECHANICAL AIR DEVICES</b>	
	SUPPLY REGISTER
	RETURN REGISTER
	EXHAUST REGISTER
	SUPPLY GRILLE
	RETURN GRILLE
	CEILING DIFFUSER
	2x2' SQUARE CEILING DIFFUSER WITH 10" NECK
<b>MECHANICAL DUCTWORK</b>	
	SUPPLY DUCT WITH ELBOW TURNED UP
	SUPPLY DUCT WITH ELBOW TURNED DOWN
	RETURN DUCT WITH ELBOW TURNED UP
	RETURN DUCT WITH ELBOW TURNED DOWN
	EXHAUST DUCT WITH ELBOW TURNED UP
	EXHAUST DUCT WITH ELBOW TURNED DOWN
	SUPPLY DUCT
	RETURN DUCT
	EXHAUST DUCT
	1" LINED DUCTWORK
	BRANCH TAKEOFF
	REDUCER, CONCENTRIC
	REDUCER, NONCONCENTRIC
<b>MECHANICAL DUCTWORK ACCESSORIES</b>	
	ROUND ELBOW WITH TURNING VANES
	DUCT WITH MANUAL VOLUME DAMPER
	ELBOW WITH TURNING VANES
	MOTOR OPERATED DAMPER - LINE VOLTAGE
	MOTOR OPERATED DAMPER - LOW VOLTAGE
	DUCT MOUNTED SMOKE DETECTOR (HARD WIRE INTERLOCK TO FAN MOTOR BY E.C.) FURNISHED BY E.C., INSTALLED BY M.C.
<b>MECHANICAL STATS &amp; SENSORS</b>	
	TEMPERATURE SENSOR
	LOW VOLTAGE THERMOSTAT
<b>MECHANICAL MISCELLANEOUS</b>	
	1" DOOR UNDERCUT

STANDARD HVAC ABBREVIATIONS			
AAV	AUTOMATIC AIR VENT	HD	HEAD
ACCESS	ACCESSORIES	HOA	HAND/OFF/AUTOMATIC
AD	ACCESS DOOR	HP	HORSEPOWER
AFF	ABOVE FINISHED FLOOR	HPR	HIGH PRESSURE RETURN
AMP	AMPERE	HST	(STEAM CONDENSATE) HUMIDISTAT
AP	ACCESS PANEL	HSTAT	HUMIDISTAT
APD	AIR PRESSURE DROP	HTG	HEATING
ARI	AIR CONDITIONING AND REFRIGERATION INSTITUTE	HWR	HEATING HOT WATER RETURN
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	HWS	HEATING HOT WATER SUPPLY
BAS	BUILDING AUTOMATION SYSTEM	HZ	HERTZ
BD	BACKDRAFT DAMPER	IPL	INPUT/OUTPUT
BHP	BRAKE HORSEPOWER	IAQ	INDOOR AIR QUALITY
BTU	BRITISH THERMAL UNIT	IN HG	INCHES OF MERCURY
BTUH	BRITISH THERMAL UNIT PER HOUR	IN WC	INCH WATER COLUMN
CD	CEILING DIFFUSER	IN WG	INCH WATER GAUGE
CFM	CUBIC FEET PER HOUR	INST	INSTALLED
CFM	CUBIC FEET PER MINUTE	INST	INSTALLED
CHWR	CHILLED WATER RETURN	KW	KILOWATT
CHWS	CHILLED WATER SUPPLY	KWH	KILOWATT HOUR
CI	CAST IRON	LAT	LEAVING AIR TEMPERATURE
CLG	COOLING	LSHR	POUNDS PER HOUR
CO	CARBON MONOXIDE	LF	LINEAR FOOT (FEET)
CO2	CARBON DIOXIDE	LPR	LOW PRESSURE RETURN
COP	COEFFICIENT OF PERFORMANCE	LPS	(STEAM CONDENSATE) LOW PRESSURE STEAM
CV	CONSTANT VOLUME	LWT	LEAVING WATER TEMPERATURE
CWR	CONDENSER WATER RETURN	MAX	MAXIMUM
CWS	CONDENSER WATER SUPPLY	MBH	1000 BTUH
DB	DECIBELS	MCA	MINIMUM BRANCH CIRCUIT AMPACITY
DB	DRY-BULB TEMPERATURE	MERV	MINIMUM EFFICIENCY REPORTING VALUE
DC	DISCONNECT	MIN	MINIMUM
DDC	DIRECT DIGITAL CONTROLS	MOD	MOTOR OPERATED DAMPER
DEG	DEGREE DELTACHANGE IN TEMPERATURE)	MPR	MEDIUM PRESSURE RETURN
DIA	DIAMETER	MPS	(STEAM CONDENSATE) MEDIUM PRESSURE STEAM
DW	DEIONIZED WATER	MRI	MAGNETIC RESONANCE IMAGING
DP	DEW POINT TEMPERATURE	MVD	MANUAL VOLUME DAMPER
DX	DIRECT EXPANSION	NA	NOT APPLICABLE
EA	EXHAUST AIR	NC	NOISE CRITERIA
EAT	ENTERING AIR TEMPERATURE	NO	NORMALLY CLOSED
EER	ENERGY EFFICIENCY RATIO	NO	NORMALLY OPEN
EG	EXHAUST GRILLE	NTS	NOT TO SCALE
EMERG	EMERGENCY POWER	OA	OUTSIDE AIR
ESP	EXTERNAL STATIC PRESSURE	OCP	OVER CURRENT PROTECTION
EWT	ENTERING WATER TEMPERATURE	PD	PRESSURE DROP
EX	EXISTING	PPM	PARTS PER MILLION
F	FAHRENHEIT	PRS	PRESSURE REGULATING (VALVE) STATION
F&T	FLOAT AND THERMOSTATIC	PRV	PRESSURE REGULATING VALVE
FA	FREE AREA	PSI	POUNDS PER SQUARE INCH
FD	FIRE DAMPER	PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
FLA	FULL LOAD AMPERES	PSIG	POUNDS PER SQUARE INCH - GAGE
FPM	FEET PER MINUTE	RA	RETURN AIR
FPS	FEET PER SECOND	RAT	RETURN AIR TEMPERATURE
FT	FEET	RH	RELATIVE HUMIDITY
FURNISHED	FURNISHED	RL	REFRIGERANT LIQUID LINE
GAL	GALLONS	RLA	RUN LOAD AMPERE
GPM	GALLONS PER MINUTE		
		RO	REVERSE OSMOSIS
		RPM	REVOLUTIONS PER MINUTE
		RS	REFRIGERANT SUCTION
		SA	SUPPLY AIR
		SAT	SUPPLY AIR TEMPERATURE
		SC	SHADING COEFFICIENT
		SD	SMOKE CONTROL DAMPER
		SD	SMOKE DETECTOR
		SENS	SENSIBLE HEAT
		SP	STATIC PRESSURE
		SP	STATIC PRESSURE
		TAB	TESTING, ADJUSTING, BALANCE
		TDH	TOTAL DYNAMIC HEAD
		TDS	TOTAL DISSOLVED SOLIDS
		TSP	TOTAL STATIC PRESSURE
		TSTAT	THERMOSTAT
		UL	UNDERWRITERS LABORATORY
		VAV	VARIABLE AIR VOLUME
		VFD	VARIABLE FREQUENCY DRIVE
		WB	WET BULB (TEMPERATURE)
		WG	WATER GAGE
		WPD	WATER SIDE PRESSURE DROP
		WIRE	WIRED



1100 River Road, Ste 105  
Schiller Park, IL 60176  
t: 647.671.7445  
f: 647.671.4200  
www.rgla.com

#	REVISIONS:	DATE:
	LAND/CRD/BDI/ PERMIT	08.30.22
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MECHANICAL/ELECTRICAL ENGINEERS  
WWW.KLHENGRS.COM  
LEWISTON, KENTUCKY  
1538 ALEXANDRIA PIKE, SUITE 11  
COLUMBUS, OHIO  
K.L.H. JOB # 24622  
855-446-9059 FAX

**KLH ENGINEERS**  
KOHRS, LONNEMANN, HEEL ENGINEERS, INC.  
1538 ALEXANDRIA PIKE, SUITE 11  
COLUMBUS, OHIO 43260  
800-354-9783 855-442-9050  
855-446-9059 FAX

STATE OF OHIO  
Kris T. Schnitgen  
E-77432  
11/16/2022

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**PXG**

8127 MONTGOMERY RD.  
CINCINNATI, OHIO  
45236

MECHANICAL COVER SHEET

TDS  
MCD  
22474  
M-001

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**NEW WORK GENERAL NOTES**

- A. PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETELY FURNISH, INSTALL, AND PLACE INTO OPERATION, ALL SYSTEMS SHOWN ON THE DRAWINGS AND DETAILED IN THE SPECIFICATIONS IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES. REPORT ANY KNOWN DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
- B. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DIFFUSERS, REGISTERS AND GRILLES.
- C. DO NOT SCALE DRAWINGS; REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF WALLS, DOORS, WINDOWS, AND CABINETS.
- D. COORDINATE WORK AND SPACE REQUIREMENTS IN CEILING SPACES WITH OTHER TRADES PRIOR TO INSTALLATION.
- E. COORDINATE LOCATIONS AND ORIENTATION OF ROOF MOUNTED EQUIPMENT WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- F. COORDINATE WALL LOUVERS WITH ARCHITECTURAL ELEVATIONS AND DETAILS.
- G. PROVIDE VOLUME DAMPERS AT ALL SUPPLY, RETURN, AND EXHAUST DUCT BRANCH TAKE-OFFS.
- H. PROVIDE TURNING VANES IN ALL 90 DEGREE MITERED ELBOWS. OMIT TURNING VANES IN ACOUSTIC LINED RETURN DUCT ELBOWS.
- I. PROVIDE FLEXIBLE DUCT ON INLET TO EACH CEILING DIFFUSER. CUT FLEXIBLE DUCTS TO LENGTH NEEDED AND INSTALL WITHOUT KINKS OR SHARP BENDS (BENDS WITH CENTERLINE RADIUS LESS THAN DUCT DIAMETER). SUPPORT FLEXIBLE DUCTS WITH MINIMUM 1" WIDE METAL STRAPS OR SADDLES.
- J. SIZES OF ACOUSTIC LINED DUCTS ARE NET INSIDE DIMENSION. INCREASE SHEET METAL SIZE ACCORDINGLY.
- K. RUNOUTS TO CEILING DIFFUSERS ARE THE SAME SIZE AS THE DIFFUSER NECK UNLESS NOTED OTHERWISE.
- L. INSTALL ALL EQUIPMENT WITH CODE REQUIRED AND MANUFACTURER RECOMMENDED MINIMUM CLEARANCES FOR SERVICE, ACCESS, AND FIRE PROTECTION.
- M. MAINTAIN A MINIMUM OF 10 FEET BETWEEN ALL OUTSIDE AIR INTAKES AND ALL EXHAUST, VENT, AND FLUE OUTLETS.
- N. ALL MATERIALS EXPOSED WITHIN FLENUMS SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.
- O. ALL FLOOR PENETRATIONS SHALL BE COORDINATED WITH THE CONCRETE REINFORCING IN THE FLOOR STRUCTURE.

**FIELD VERIFY ALL CONDITIONS**

DESIGN DRAWINGS ARE SCHEMATIC. THIS CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS.

THE CONTRACTOR SHALL CONTACT THE ARCHITECT, ENGINEER OR OWNER PRIOR TO BIDDING FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT. CLARIFICATIONS MADE BY THE ARCHITECT, ENGINEER OR OWNER AFTER BIDDING WILL BE FINAL AND SHALL BE IMPLEMENTED AT CONTRACTORS COST.

BIDDING CONTRACTORS SHALL HAVE A WORKING KNOWLEDGE OF LOCAL CODES AND ORDINANCES AND SHALL INCLUDE IN THEIR BIDS THE COSTS FOR ALL WORK INSTALLED IN STRICT ACCORDANCE WITH GOVERNING CODES. THE PLANS AND SPECIFICATIONS NOT WITHSTANDING, THE CONTRACTOR SHALL ALERT ARCHITECT, ENGINEER OR OWNER OF ANY APPARENT DISCREPANCIES BETWEEN GOVERNING CODES AND DESIGN INTENT.

**KEYED NOTES**

- H2. PROVIDE NEW DUCTLESS SPLIT INDOOR UNIT. PROVIDE WITH INTEGRAL CONDENSATE PUMP.
- H3. PROVIDE NEW REMOTE AIR COOLED CONDENSING UNIT. INSTALL PER MANUFACTURER'S PUBLISHED INSTALLATION AND OPERATION MANUAL. EXTEND REFRIGERANT PIPING THROUGH ROOF IN PATE (OR EQUAL) PIPE SEAL AND CONNECT TO FAN COOL UNIT. LANDLORD APPROVED ROOFING CONTRACTOR TO PERFORM ALL ROOF WORK AT THE GENERAL CONTRACTOR'S EXPENSE.
- H4. EXTEND CONDENSATE PIPING FROM UNIT TO HUB DRAIN AND TERMINATE WITH AIR GAP.
- H5. PROVIDE AND BALANCE NEW ROOF MOUNTED EXHAUST FAN AND PRE-FABRICATED ROOF CURB AS SCHEDULED. BALANCE TO THE SCHEDULED AIRFLOW. MAINTAIN A MINIMUM OF 10" FROM ANY BUILDING INTAKE. LANDLORD APPROVED ROOFING CONTRACTOR TO PERFORM ALL ROOF WORK AT THE GENERAL CONTRACTOR'S EXPENSE.
- H6. TURN DUCT UP TO DECK.
- H7. PROVIDE NEW PROGRAMMABLE THERMOSTAT IN BACK OFFICE AREA WITH REMOTE SENSOR IN LOCATIONS AS INDICATED ON PLANS.
- H8. THERMOSTATS/SENSORS SHALL BE SAME MANUFACTURER AS ROOFTOP UNIT. COORDINATE EXACT LOCATION WITH TENANT, OR TENANT'S REPRESENTATIVE. PRIOR TO INSTALLATION. WIRE TO ROOFTOP UNIT PER MANUFACTURER'S PRINTED INSTRUCTIONS.
- H9. PROVIDE 1" AIR GAP UNDER DOOR.
- H9. EXISTING ROOFTOP UNIT TO REMAIN. CONNECT NEW DUCTS TO DUCT DROPS FROM EXISTING ROOFTOP UNITS PROVIDED BY OTHERS WITH TRANSITION FITTINGS. BALANCE TO THE SCHEDULED AIRFLOW. CLEAN AND VERIFY PROPER OPERATION. CLEAN COOLING, HEATING COILS, RECHARGE REFRIGERANT. REPLACE BELT, DRIVE, AND MOTOR AS REQUIRED. REPLACE FILTERS. CHECK COMPRESSOR AND FANS. REPLACE/REPAIR AS REQUIRED. PROVIDE OWNER WITH RECONDITIONING REPORT PRIOR TO TURNOVER. FIELD VERIFY EXACT LOCATION AND ORIENTATION PRIOR TO BID.
- H10. DUCT MOUNTED SMOKE DETECTOR TO BE INSTALLED IN THE RETURN DUCTWORK, DOWNSTREAM OF FILTERS AND UPSTREAM OF ANY BRANCH CONNECTIONS. INSTALL SAMPLING TUBES AND DETECTOR HOUSING IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. DETECTOR TO BE SUPERVISED BY THE BUILDING'S FIRE ALARM SYSTEM.

**RGLA**  
r gla solutions, inc.  
9100 River Road, Ste 125  
Schiller Park, IL 60176  
T: 847.671.7425  
F: 847.671.4200  
www.rgla.com

#	REVISIONS:	DATE:
1	LANDLORD/BIDDING PERMIT	08.30.22
1	REV1	11.16.22

**MECHANICAL/ELECTRICAL ENGINEERS**  
WWW.KLHEINGERS.COM  
LEWINGTON, KENTUCKY  
COLUMBUS, OHIO  
K.L.H. JOB # 24622

**KLH ENGINEERS, INC.**  
KOHRS LOWMEYER HEEL ENGINEERS, INC.  
1258 ALEXANDRIA PIKE, SUITE 111  
COLUMBUS, OHIO 43260  
600.354.9783 600.442.8050  
600.442.8059 FAX

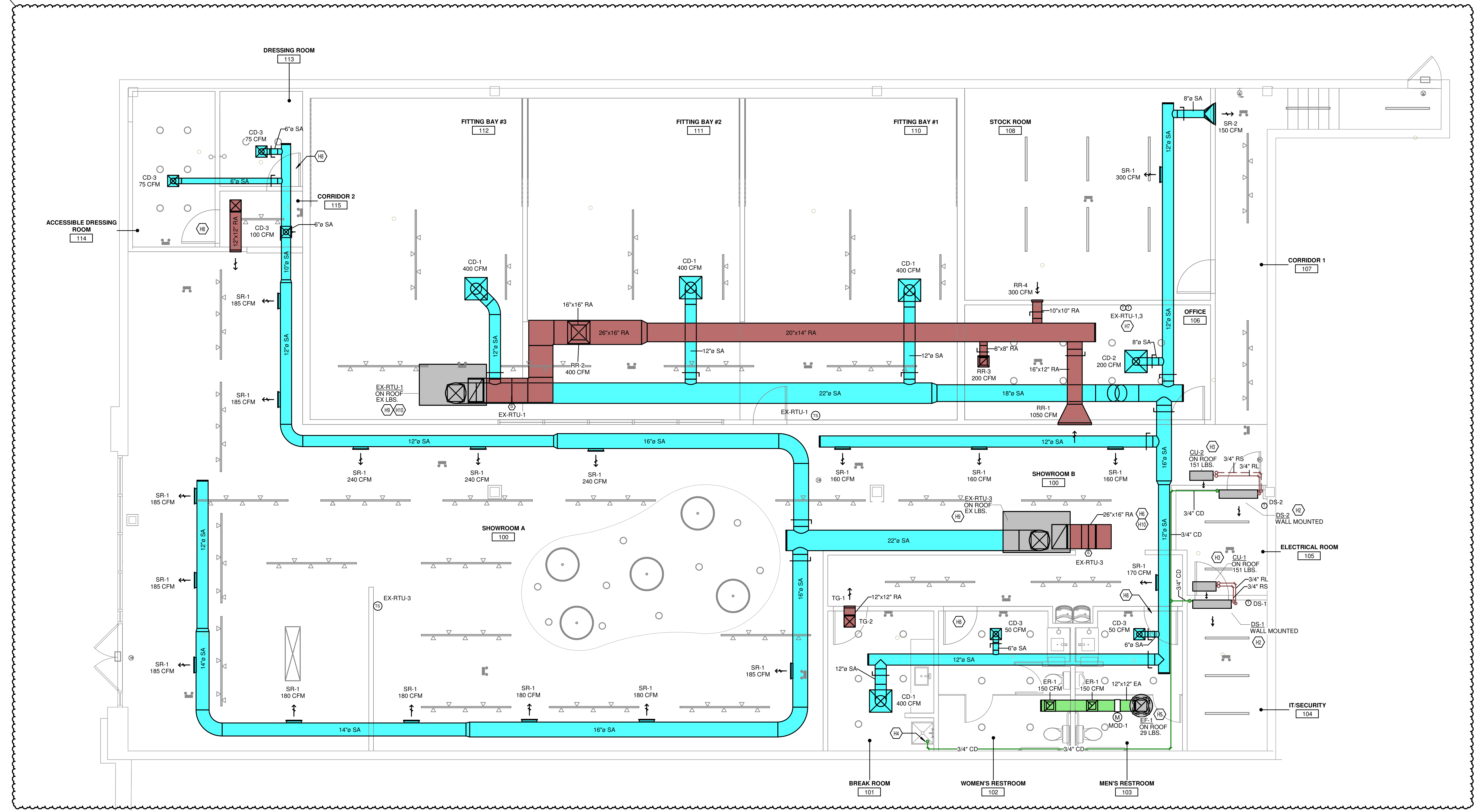
STATE OF OHIO  
Kris T. Schnitgen  
E-77432  
Professional Engineer  
Mechanical  
11/16/2022

THE ABOVE DRAWINGS AND SPECIFICATIONS...  
WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL TAKE PRECEDENCE OVER SCALE DIMENSIONS...  
CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS...  
MAY BE MODIFIED BY ANY VARIATIONS FROM THE ORIGINAL DRAWINGS...  
SUBMITTED TO THE ARCHITECT FOR APPROVAL BEFORE PROCEEDING WITH INSTALLATION.

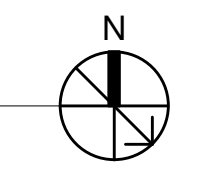
**PXG**  
8127 MONTGOMERY RD.  
CINCINNATI, OHIO 45236

MECHANICAL PLAN

OWNER	TDS
DESIGNER	MCD
DATE	22474
PROJECT	M-100



1 MECHANICAL PLAN  
1/4" = 1'-0"



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### HVAC ROOFTOP UNITS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

EQUIPMENT MARK	DESCRIPTION	LOCATION	STATUS	WEIGHT (lbs)	MANUFACTURER	MODEL	MIN EER	VOLTS	PHASE	CFM (cfm)	ESP (in WC)	OCFPM (in WC)	NOMINAL TONS	MAT CLG DB (Deg F)	MAT CLG WB (Deg F)	CLG MBH (mbh)	CLG SENS (mbh)	LAT DB (Deg F)	LAT CLG WB (Deg F)	HTG MBH (mbh)	GAS HTG IN (in WC)	GAS HTG OUT (in WC)	MIN GAS PRESSURE (in WC)	MAX GAS PRESSURE (in WC)	MCA (amps)	OCF (amps)	AVAILABLE FAULT CURRENT	ACCESSORIES
EX-RTU-1	PACKAGED OUTDOOR ROOFTOP UNIT	ROOF	EXISTING	EX	TRANE	YS026ARH40	EX	140	3	2850	0.75	701	7.5	80	66	97	75	55	54	193	200	160	4	13	EX	EX	1425	EX
EX-RTU-3	PACKAGED OUTDOOR ROOFTOP UNIT	ROOF	EXISTING	EX	TRANE	YS026ARH40	EX	140	3	2850	0.75	701	7.5	80	66	97	75	55	54	193	200	160	4	13	EX	EX	1425	EX

### HVAC VENTILATION SCHEDULE

NUMBER	NAME	AREA	PEOPLE	OA PER PERSON	OA PER SQ FT.	REQ SUP	ACT SUP	REQ OA	ACT OA	ACT RET	ACT EXH	CRIT OA
100	SHOWROOM 8	2056 SF	31	7.5	0.12	595	300	599	300	125	166	800
101	BREAK ROOM	118 SF	1	5	0.06	300	400	63	84	400	0	0.075
102	WOMEN'S RESTROOM	143 SF	0	0	0	38	50	8	10	0	150	0
103	NEWS RESTROOM	116 SF	0	0	0	38	50	8	10	0	150	0
104	IT/SECURITY	96 SF	0	0	0	0	60	0	12	60	0	0
105	ELECTRICAL ROOM	72 SF	0	0	0	0	290	0	58	290	0	0
106	OFFICE	288 SF	2	5	0.06	148	200	31	42	200	0	0.15
107	CORRIDOR 1	146 SF	0	0	0.06	110	150	23	32	150	0	0.0733
108	STOCK ROOM	416 SF	0	0	0.12	224	300	47	63	300	0	0.2966
110	FITTING BAY #1	549 SF	3	5	0.06	255	400	51	80	400	0	0.15
111	FITTING BAY #2	548 SF	3	5	0.06	255	400	51	80	400	0	0.15
112	FITTING BAY #3	544 SF	3	5	0.06	255	400	51	80	400	0	0.15
113	DRESSING ROOM	63 SF	0	0	0	50	75	10	15	75	18	0
114	ACCESSIBLE	102 SF	0	0	0	50	75	10	15	75	28	0
116	DRESSING ROOM	37 SF	0	0	0.06	65	100	13	20	100	0	0.02
118	CORRIDOR 2	573 SF	0	0	0.06	65	100	13	20	100	0	0.02
TOTAL												

### HVAC FANS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

EQUIPMENT MARK	HVACTYPE	DESCRIPTION	LOCATION	WEIGHT (lbs)	MANUFACTURER	MODEL	VOLTS	PHASE	CFM (cfm)	ESP (in WC)	FAN RPM (rpm)	BHP (hp)	HP (hp)	AVAILABLE FAULT CURRENT	ACCESSORIES
EF-1	23.34.23.00.0	CENTRIFUGAL ROOF VENTILATOR	ROOF	29	GREENHECK	G-090-G	120	1	300	0.4	1300	0.07	1725	1209	

### HVAC DIFFUSERS AND REGISTERS SCHEDULE

TAG	MANUFACTURER	MODEL	FACE	MOUNTING	MATERIAL	FINISH	DAMPER TYPE	BORDER STYLE
CD-1	TTTUS	TMSA	24x24"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
CD-2	TTTUS	TMSA	24x24"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
CD-3	TTTUS	TMSA	12x12"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
ER-1	TTTUS	SS0RL	12x12"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
RR-1	TTTUS	SS0RL	36x12"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
RR-2	TTTUS	SS0RL	24x24"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
RR-3	TTTUS	SS0RL	12x12"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
RR-4	TTTUS	SS0RL	12x12"	CEILING	STEEL	STANDARD WHITE	OPPOSED BLADE	SURFACE MOUNT
SR-1	TTTUS	S300FS	12x4"	CEILING	STEEL	STANDARD WHITE	SCOOP DAMPER	SURFACE MOUNT
SR-2	TTTUS	S300FS	22x10"	CEILING	STEEL	STANDARD WHITE	SCOOP DAMPER	SURFACE MOUNT
TG-1	TTTUS	S0P	12x12"	CEILING	STEEL	STANDARD WHITE	(none)	SURFACE MOUNT
TG-2	TTTUS	S0P	12x12"	CEILING	STEEL	STANDARD WHITE	(none)	SURFACE MOUNT

### HVAC ACCESSORIES

- ACCESSORIES:
- |                 |                        |                      |                        |                  |                             |
|-----------------|------------------------|----------------------|------------------------|------------------|-----------------------------|
| 1. MOTOR DAMPER | 5. INTAKE HOOD         | 9. ACCESS DOOR       | 13. FACE/BYPASS DAMPER | 17. DUCT FLANGES | 21. ECON POWERED EXHAUST    |
| 2. ECONOMIZER   | 6. VIBRATION ISOLATION | 10. FLEX CONNECTIONS | 14. CONDENSATE PUMP    | 18. BASE RAIL    | 22. ECON BAROMETRIC RELIEF  |
| 3. ROOF CURB    | 7. FLAT FILTER         | 11. MOUNTING COLLAR  | 15. MOTOR GUARD        | 19. HUMIDIFIER   | 23. HOT GAS REHEAT COIL     |
| 4. HAIL GUARDS  | 8. FILTER/MIXING BOX   | 12. HOT GAS BYPASS   | 16. GREASE TRAP        | 20. CO2 SENSORS  | 24. SHAFT GROUNDING BRUSHES |

### HVAC DUCTLESS SPLIT SYSTEMS SCHEDULE

Equipment shall be braced and labeled by the equipment manufacturer to withstand the minimum scheduled available fault current value for listed equipment.

EQUIPMENT MARK	HVACTYPE	DESCRIPTION	LOCATION	FED FROM	WEIGHT (lbs)	MANUFACTURER	MODEL	VOLTS	PHASE	CFM (cfm)	ESP (in WC)	NOMINAL TONS	MAT CLG DB (Deg F)	MAT CLG WB (Deg F)	CLG MBH (mbh)	CLG SENS (mbh)	LAT DB (Deg F)	LAT CLG WB (Deg F)	HTG MBH (mbh)	GAS HTG IN (in WC)	GAS HTG OUT (in WC)	MIN GAS PRESSURE (in WC)	MAX GAS PRESSURE (in WC)	MCA (amps)	OCF (amps)	AVAILABLE FAULT CURRENT	ACCESSORIES
CU-1	23.81.29.00.00	DUCTLESS SPLIT OUTDOOR CONDENSING UNIT	ROOF		151	MITSUBISHI	TRUYA024	208	1	60	0.418	2	79	67	2	2	55	54	4	123	19	25	3094				
CU-2	23.81.29.00.00	DUCTLESS SPLIT OUTDOOR CONDENSING UNIT	ROOF		151	MITSUBISHI	TRUYA024	208	1	290	0.418	2	79	67	9	7	55	54	6	79	19	25	3099				
OS-1	23.81.29.00.01	DUCTLESS SPLIT HIGH WALL UNIT	IT/SECURITY 104	CU-1	46	MITSUBISHI	TPKA004	208	1	60	0.418	2	79	67	2	2	55	54	4	91	19	25	3099				
DS-2	23.81.29.00.01	DUCTLESS SPLIT HIGH WALL UNIT	ELECTRICAL ROOM 105	CU-2	46	MITSUBISHI	TPKA004	208	1	290	0.418	2	79	67	9	7	55	54	6	79	19	25	3099				

### HVAC ELECTRICAL COORDINATION SCHEDULE

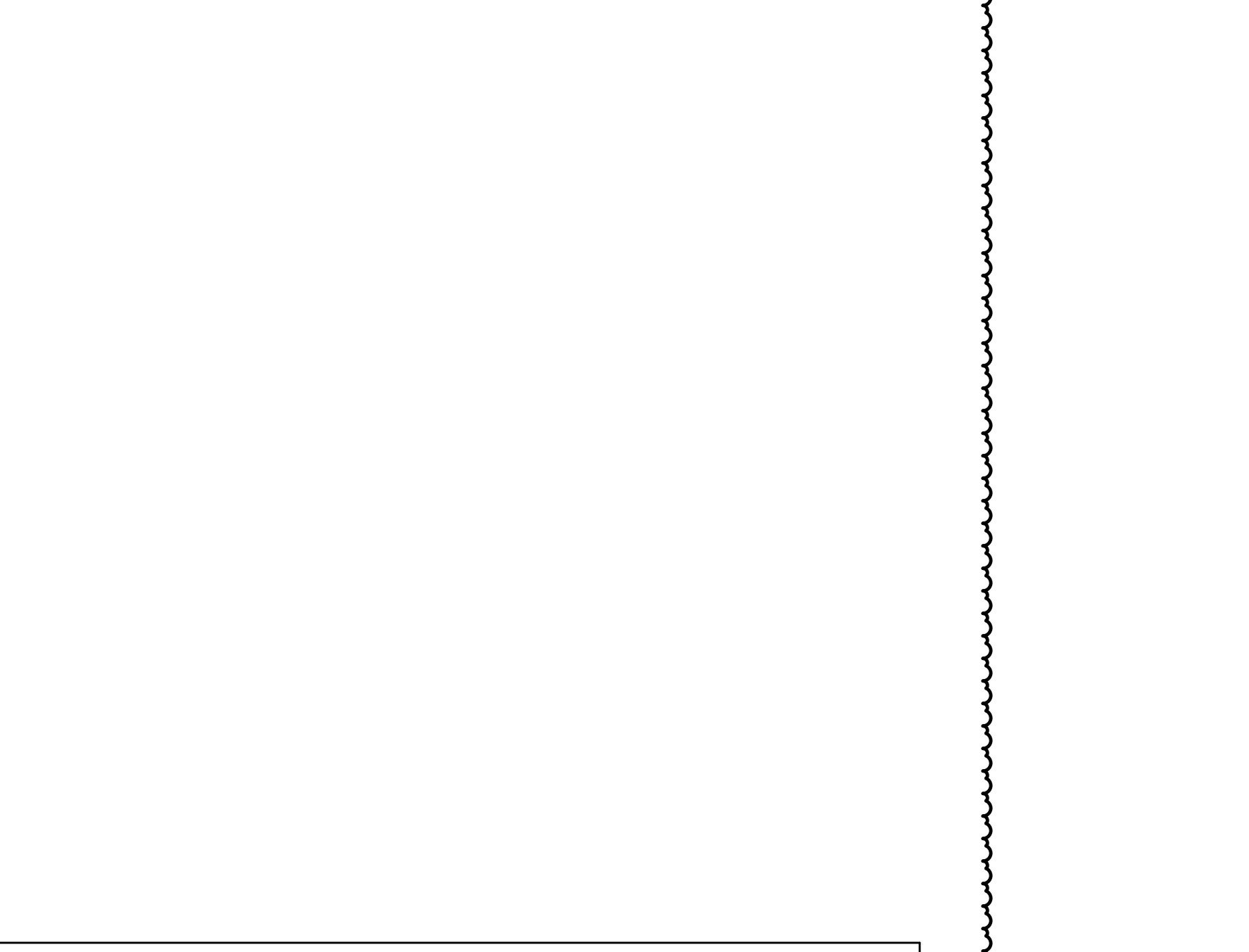
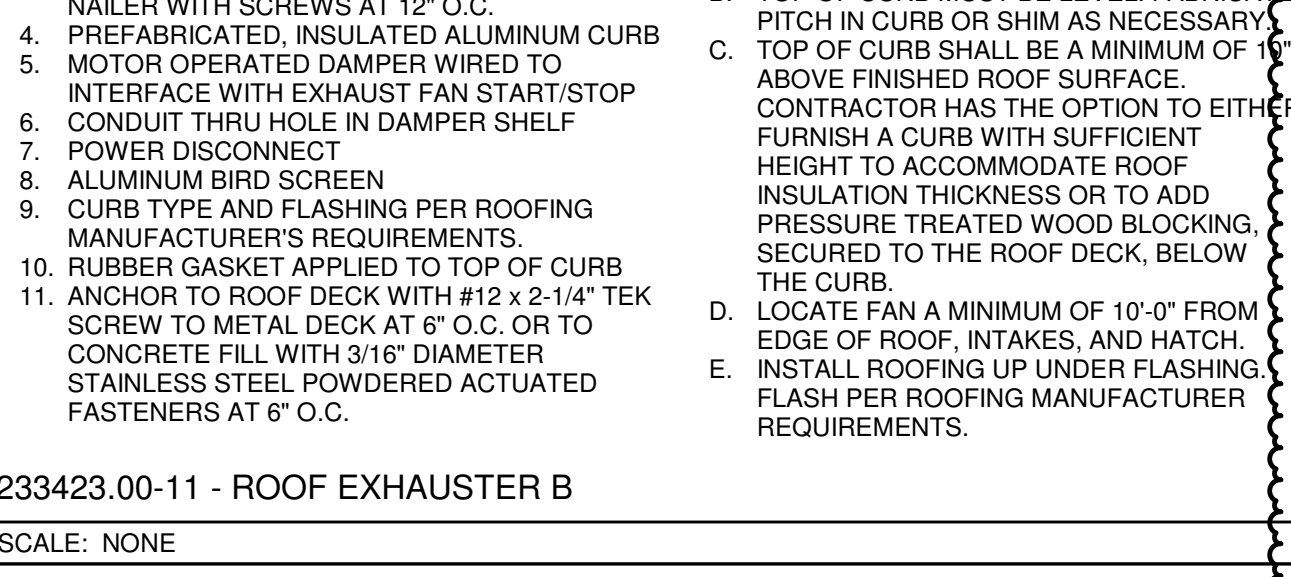
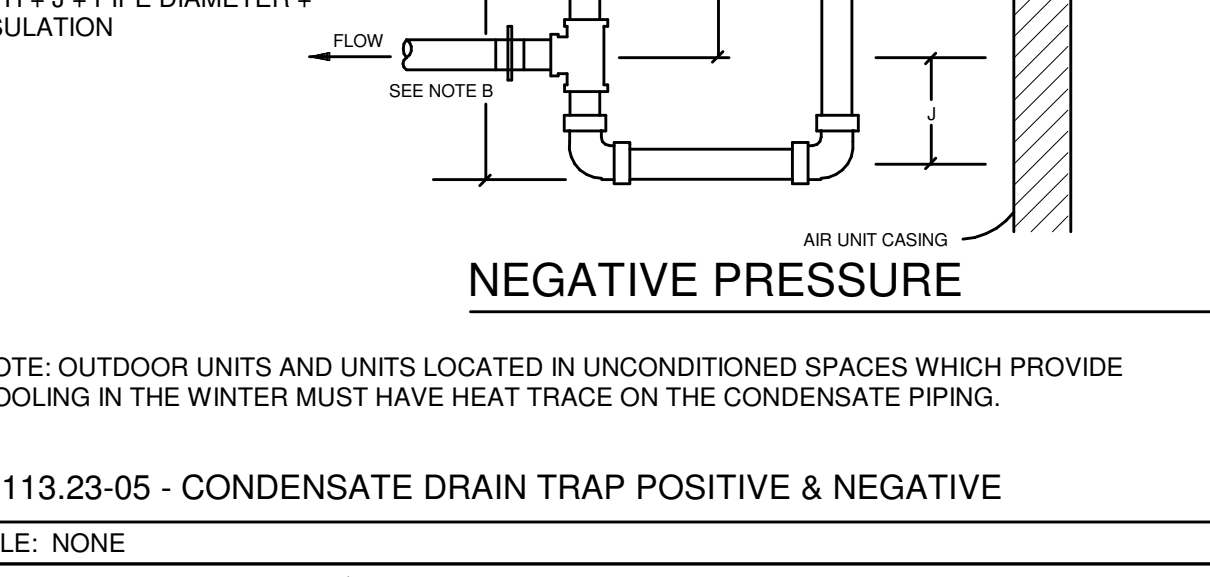
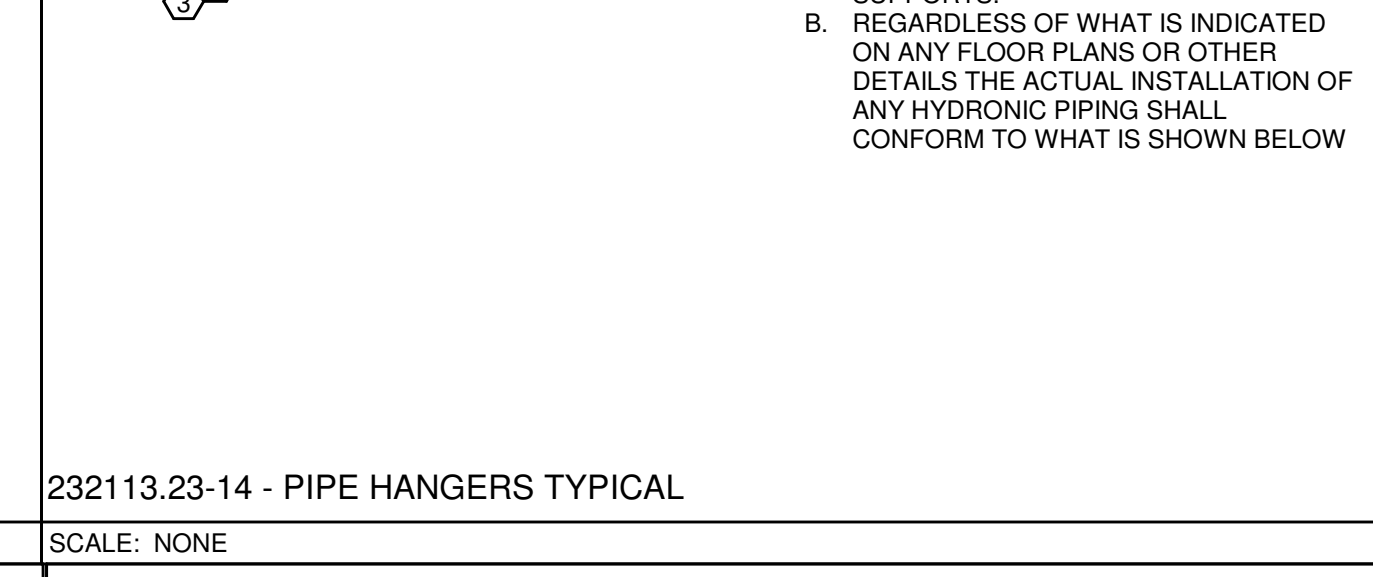
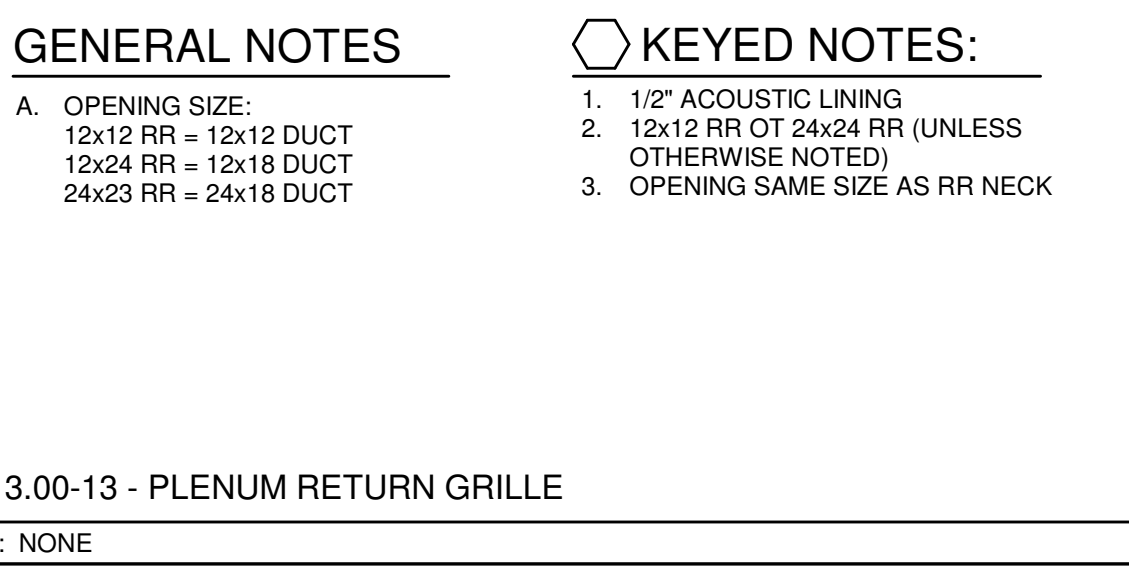
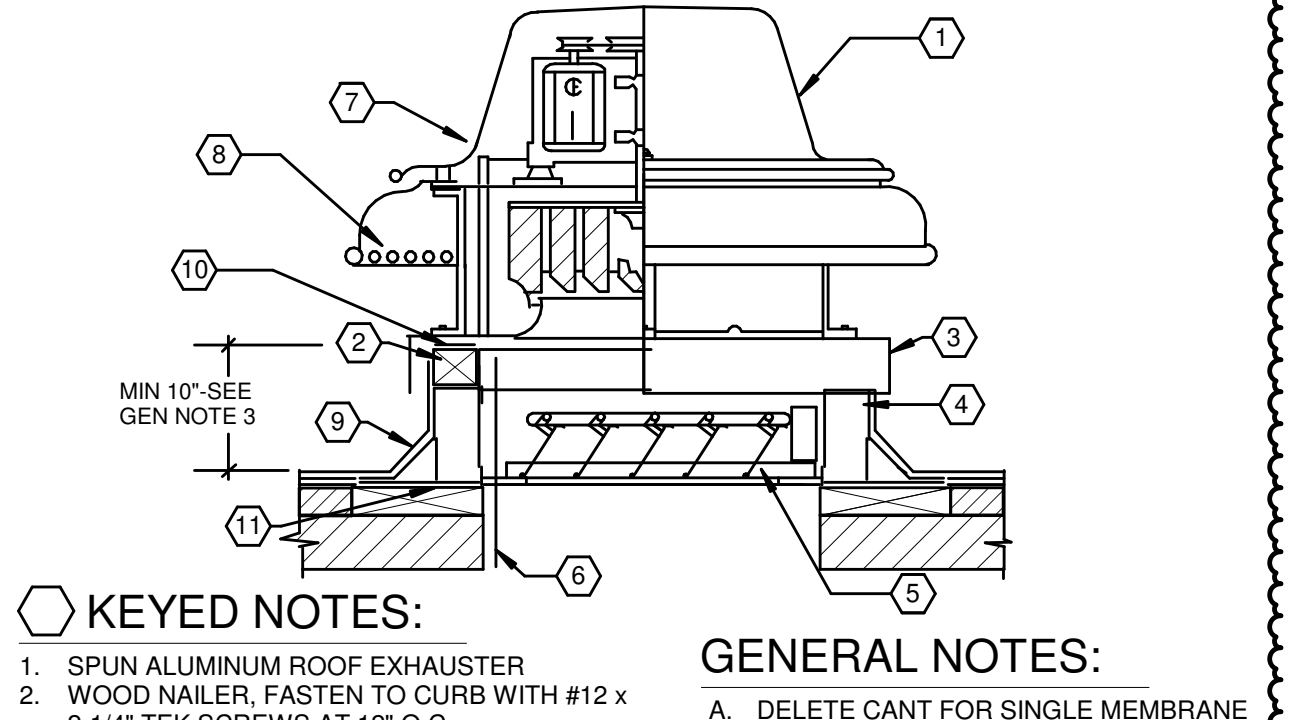
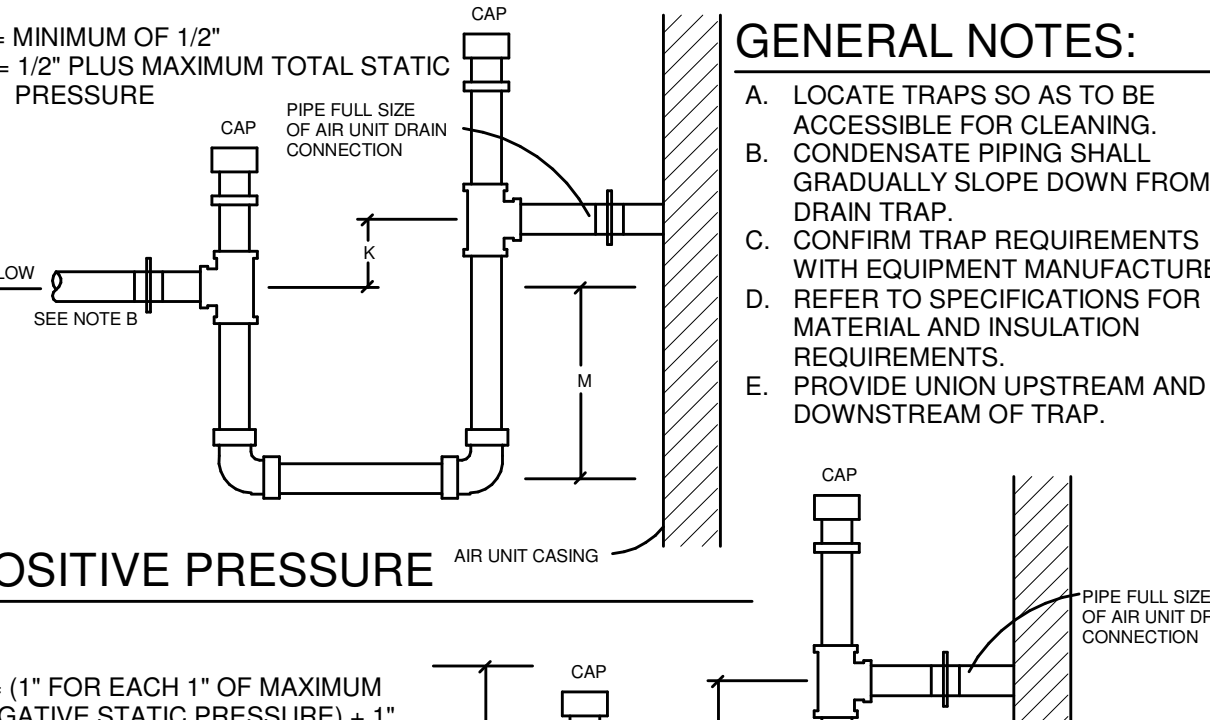
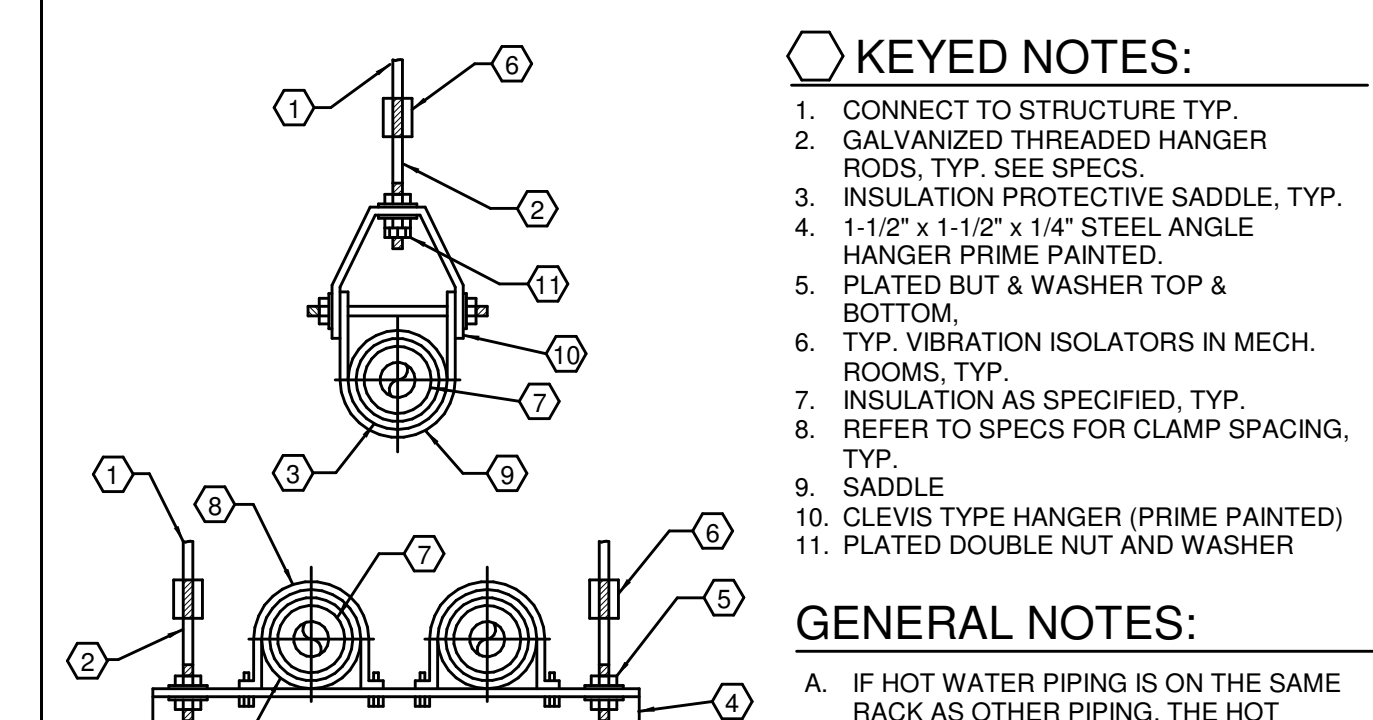
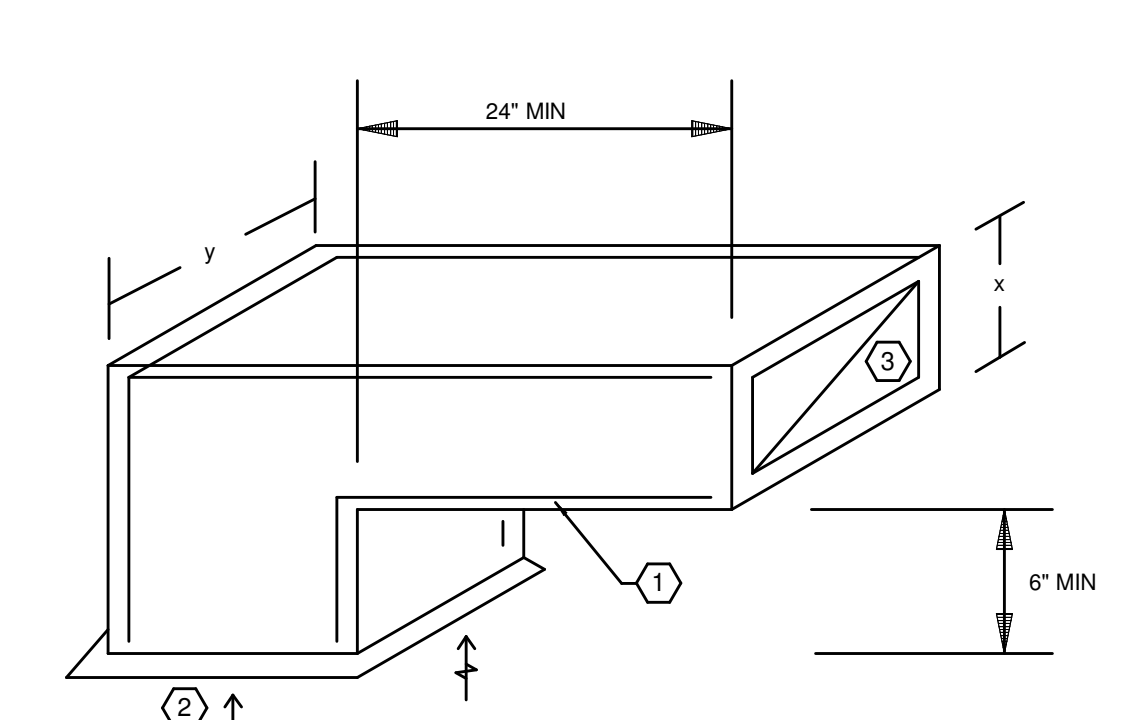
ABBREVIATIONS:	CONTRACTOR TYPE:	MOTOR CONTROL TYPE:	CONTROL TYPE:
LD LOCAL DISCONNECT	CS COMBINATION CONTRACTOR	TC TIMECLOCK	TC TIMECLOCK
MC MOTOR CONTROL (POWER)	EX EXISTING	MCC MOTOR CONTROL STARTER	CPT BAS CONTROL POWER TRANSFORMER
SD DUCT SMOKE DETECTOR	FC FIRE PROTECTION CONTRACTOR	MG MAGNETIC STARTER OR CONTACT	BS BUILDING AUTOMATION SYSTEM
CN CONTROL	GC GENERAL CONTRACTOR	MS MANUAL STARTER	LV LOW VOLTAGE CONTROLS
TS TOGGLE SWITCH	HC HVAC CONTRACTOR	VFD VARIABLE FREQUENCY DRIVE	LV LINE VOLTAGE CONTROLS
H.A.C.B. CIRCUIT BREAKER AT SOURCE PANELBOARD	MFR MANUFACTURER	MSR MANUAL STARTER W/ CONTROL RELAY	RV REVERSE ACTING LINE VOLTAGE THERMOSTAT
FUSE AT LOCAL DISCONNECT (VERIFY FIELD RATING)	PLR PLUMBING CONTRACTOR	OV OVERCURRENT PROTECTION	
OPERATING ALL LOADS	OR OWNER OR OTHERS		
MCA MINIMUM CIRCUIT AMPACITY			
CP CORD AND PLUG CONNECTION			

CONNECTION MARK	DESCRIPTION	VOLTS (V)	PHASE	BHP (hp)	HP (hp)	WATTS	FLA (A)	MCA (A)	OCF (A)	FED FROM	DC FLUR	DC INST	DC WIRE	MC TYPE	MC FURN	MC INST	MC WIRE	CN TYPE	CN FURN	CN INST	CN WIRE	FA SHUTDOWN	AVAILABLE FAULT CURRENT (A)	
CU-1	DUCTLESS SPLIT OUTDOOR CONDENSING UNIT	208	1					19	25		EC	EC	EC	MG	MFR	MFR	MFR	LOW	MFR	MFR	MFR		3094	
CU-2	DUCTLESS SPLIT OUTDOOR CONDENSING UNIT	208	1					19	25		EC	EC	EC	MG	MFR	MFR	MFR	LOW	MFR	MFR	MFR		3099	
OS-1	DUCTLESS SPLIT HIGH WALL UNIT	208	1					19	25	CU-1	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC			
DS-2	DUCTLESS SPLIT HIGH WALL UNIT	208	1					19	25	CU-2	EC	EC	EC	MG	MFR	MFR	MFR	LOW	HC	HC	HC			
EX-RTU-1	PACKAGED OUTDOOR ROOFTOP UNIT	480	3					EX	EX		EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	1425	
EX-RTU-3	PACKAGED OUTDOOR ROOFTOP UNIT	480	3					EX	EX		EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	1425

### HVAC LOAD SCHEDULE

THE HEATING AND COOLING LOAD CALCULATIONS ARE BASED ON THE CLTD/CLF (COOLING LOAD TEMPERATURE DIFFERENCE/COOLING LOAD FACTOR) METHOD. ASSUMPTIONS AND EXECUTION OF THESE METHODS ARE PER ASHRAE 183-2007...

EQUIPMENT MARK	ROOF	OWALL	OPART	CGLASS	CSOLAR	CLIGHTS	CEQUIP	CPSENS	CSSENS	CFAN	CO2S	CTSENS	COPLAT	COAL	CTLAT	CTOT	HRTOO	HWALL	HPART	HGLASS	HSLAB	HSFACE	HOA	HTOT
DS-1	0.1	0.5	0	0	0	0.4	0	0	1.2	0	0.3	1.5	0.3	1.5	0.3	2	0	0	0.7	3.1	0.8	4	0.8	4
DS-2	0.1	0.3	0	0	0	0.3	4.9	0	5.8	0.1	1.1	7.1	0	1.4	1.4	8.5	0.2	1.2	0	0.4	2	4.3	6.3	6.3
EX-RTU-1	4.1	2.2	0	1.8	12.2	11.5	1.7	7.5	41.3	2.8	14	73	6.3	17.8	23.9	96.9	8.8	7.5	0	8.7	5	30.1	52.5	82.6
EX-RTU-3	6.1	1.5	0	0	10.1	18.4	5.1	46.5	3	12.8	78.8	4.3	15.9	20.1	95.9	18.1	9.2	0	9	5	29.4	47.1	79.5	



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#	REVISIONS:	DATE:
1	REV1	11.16.22

MECHANICAL/ELECTRICAL ENGINEERS  
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 LEWINGTON, KENTUCKY  
 COLUMBUS, OHIO  
 K.L.H. JOB # 24622

STATE OF OHIO  
 KRIS T. SCHNITGEN  
 E-77432  
 11/16/2022

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8127 MONTGOMERY RD.  
 CINCINNATI, OHIO 45236

MECHANICAL SCHEDULES & DETAILS

TDS  
 MCD  
 22474  
 M-200



COMcheck Software Version 4.1.5.5  
**Mechanical Compliance Certificate**

**Project Information**

Energy Code: 90.1 (2010) Standard  
 Project Title:  
 Location: Cincinnati, Ohio  
 Climate Zone: 4a  
 Project Type: Alteration

Construction Site: 8121 MONTGOMERY RD CINCINNATI, OH 45236  
 Owner/Agent:  
 Designer/Contractor: KLM Engineers 1538 Alexandria Pike Fort Thomas, KY 41075

**Mechanical Systems List**

**Quantity System Type & Description**  
 2 DS/CU  
 Heating: 1 each - Central Furnace, Electric, Capacity = 10 kBtu/h  
 Cooling: 1 each - Split System, Capacity = 24 kBtu/h, Air-Cooled Condenser  
 Fan System: Unspecified

SYSTEM COMPLIANCE EXEMPTION APPLIES  
 Exemption: Extensive ancillary requirements.

**Mechanical Compliance Statement**

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 90.1 (2010) Standard requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Report date: 11/03/22  
 Data filename: G:\24000-24999\24600-24699\24622\Project Data\Energy\Compliance\Electric + Mech.cck Page 1 of 8

Section # & Req.ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.1.4.6.4.1.5 [ME1] <sup>2</sup>	HVAC equipment efficiency verified. Non-NECA HVAC equipment labeled as meeting 90.1.	Efficiency: _____	Efficiency: _____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Mechanical Systems list for values.
6.4.3.4.1 [ME3] <sup>3</sup>	Stair and elevator shaft vents have motorized dampers that automatically close.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.4.3.4.2.6.4.3.4.3 [ME4] <sup>2</sup>	Outdoor air and exhaust systems have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Check gravity dampers where allowed.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.4.5 [ME39] <sup>2</sup>	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.4.3.4.4 [ME5] <sup>2</sup>	Ventilation fans >0.75 hp have automatic controls to shut off fan when not required.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.9 [ME6] <sup>2</sup>	Demand control ventilation provided for spaces >500 R2 and >40 people/1000 ft2 occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow >3,000 cfm.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.10 [ME40] <sup>2</sup>	Single zone HVAC systems with fan motors >=5 hp have variable airflow controls. Air conditioning equipment with a cooling capacity >=110,000 Btu/h has variable airflow controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. See the Mechanical Systems list for values.
6.4.4.1.1 [ME7] <sup>1</sup>	Insulation exposed to weather protected from damage. Insulation outside of the conditioned space and associated with cooling systems is vapor retardant.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.1.2 [ME8] <sup>2</sup>	HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	R: _____	R: _____	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Ducts/plenums located in heated, semi-heated, or cooled spaces.
6.4.4.1.3 [ME9] <sup>2</sup>	HVAC piping insulation thickness. Where piping is installed in or under a slab, verification may need to occur during Foundation Inspection.	_____ in.	_____ in.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.1.4 [ME41] <sup>2</sup>	Thermally ineffective panel surfaces of sensible heating panels have insulation >= R-3.5.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Report date: 11/03/22  
 Data filename: G:\24000-24999\24600-24699\24622\Project Data\Energy\Compliance\Electric + Mech.cck Page 4 of 8

COMcheck Software Version 4.1.5.5  
**Inspection Checklist**

Energy Code: 90.1 (2010) Standard

Requirements: 100.0% were addressed directly in the COMcheck software  
 Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
4.2.2.6.4.4.2.1.6.7.2 [PR2] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
4.2.2.8.4.1.1.8.4.1.2.8.7 [PR6] <sup>2</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder conductors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.4 [PR5] <sup>1</sup>	Detailed instructions for HVAC systems commissioning included on the plans or specifications for projects >=50,000 R2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Report date: 11/03/22  
 Data filename: G:\24000-24999\24600-24699\24622\Project Data\Energy\Compliance\Electric + Mech.cck Page 2 of 8

Section # & Req.ID	Mechanical Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
6.4.4.2.1 [ME10] <sup>2</sup>	Ducts and plenums sealed based on static pressure and location.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.4.2.2 [ME11] <sup>3</sup>	Ductwork operating >3 in. water column requires air leakage testing.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.2.3 [ME19] <sup>2</sup>	Dehumidification controls provided to prevent reheating, recooling, mixing of hot and cold airstreams or concurrent heating and cooling of the same airstream.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.5.3.3 [ME42] <sup>2</sup>	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply. See the Mechanical Systems list for values.
6.5.4.1 [ME25] <sup>2</sup>	HVAC pumping systems >10 hp designed for variable fluid flow.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Systems with three or fewer control valves.
6.5.6.1 [ME56] <sup>2</sup>	Exhaust air energy recovery on systems meeting Table 6.5.6.1.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.7.1.1 [ME32] <sup>2</sup>	Kitchen hoods >5,000 cfm have make up air >=50% of exhaust air volume.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.7.1.5 [ME49] <sup>2</sup>	Approved field test used to evaluate design air flow rates and demonstrate proper capture and containment of kitchen exhaust systems.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.7.2 [ME33] <sup>1</sup>	Fume hoods exhaust systems >=15,000 cfm have VAV hood exhaust and supply systems, direct make-up air or heat recovery.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.8.1 [ME34] <sup>2</sup>	Unenclosed spaces that are heated use only radiant heat.			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
6.5.9 [ME35] <sup>2</sup>	Hot gas bypass limited to: <=240 kBtu/h - 50% >240 kBtu/h - 25%			<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Report date: 11/03/22  
 Data filename: G:\24000-24999\24600-24699\24622\Project Data\Energy\Compliance\Electric + Mech.cck Page 5 of 8

Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
6.4.3.8 [FO9] <sup>1</sup>	Freeze protection and snow/ice melting system sensors for future connection to controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Report date: 11/03/22  
 Data filename: G:\24000-24999\24600-24699\24622\Project Data\Energy\Compliance\Electric + Mech.cck Page 3 of 8

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
8.4.2 [EL10] <sup>2</sup>	At least 50% of all 125 volt 15- and 20-amp receptacles are controlled by an automatic control device.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met. <b>Location on plans/spec:</b> Ohio has exempt this requirement
10.4.1 [EL9] <sup>2</sup>	Electric motors meet requirements where applicable.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Report date: 11/03/22  
 Data filename: G:\24000-24999\24600-24699\24622\Project Data\Energy\Compliance\Electric + Mech.cck Page 6 of 8

RGLA

rgla solutions, inc.  
 5100 River Road, Ste 125  
 Schiller Park, IL 60176  
 847.671.7452  
 1.847.671.4200  
 www.rgla.com

#	REVISIONS:	DATE
1	LAND/ORD/BID/ PERMIT	08.30.22
1	REV1	11.16.22

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 COLUMBUS, OHIO  
 KLM JOB # 24622

KLH ENGINEERS  
 KOHRIS LONNEMANN HEEL ENGINEERS, INC.  
 1758 ALEXANDRIA PIKE, SUITE 111  
 CINCINNATI, OHIO 45244  
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
6.4.3.1.2 [F13] <sup>1</sup>	Thermostatic controls have a 5 °F deadband.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.2 [F120] <sup>1</sup>	Temperature controls have setpoint overlap restrictions.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.1 [F121] <sup>1</sup>	HVAC systems equipped with at least one automatic shutdown control.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.3.2 [F122] <sup>1</sup>	Setback controls allow automatic restart and temporary operation as required for maintenance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.4.3.7 [F16] <sup>1</sup>	When humidification and dehumidification are provided to a zone, simultaneous operation is prohibited.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.1 [F17] <sup>1</sup>	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.2 [F18] <sup>1</sup>	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.3 [F19] <sup>1</sup>	An air and/or hydronic system balancing report is provided for HVAC systems serving zones >5,000 ft2 of conditioned area.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
6.7.2.4 [F110] <sup>1</sup>	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
10.4.3 [F124] <sup>1</sup>	Elevators are designed with the proper lighting, ventilation power, and standby mode.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.

Additional Comments/Assumptions:

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

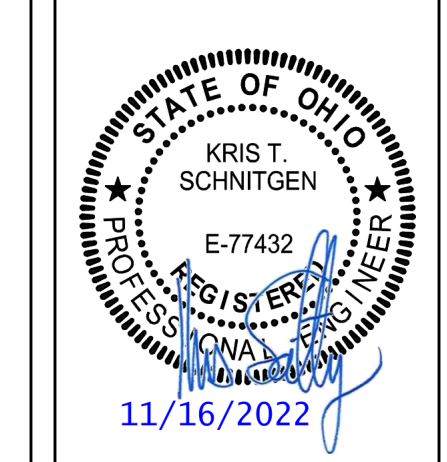
Project Title: Report date: 11/03/22  
Data filename: G:\24000-24999\24600-24699\24622\Project Data\Energy\Compliance\Electric + Mech.cck Page 7 of 8

Project Title: Report date: 11/03/22  
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#	REVISIONS:	DATE:
1	LANDLORD/BIDD PERMIT	08.30.22
1	REV1	11.16.22

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LEWINGTON, KENTUCKY  
COLUMBUS, OHIO  
COLUMBUS, OHIO  
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**KLH ENGINEERS**  
KOHRS LONNEMANN HEEL ENGINEERS, INC.  
1258 ALEXANDRIA PIKE, SUITE 11  
COLUMBUS, OHIO 43260  
614-446-9659 FAX  
614-446-9659



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8127 MONTGOMERY RD.  
CINCINNATI, OHIO 45236

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