

### PROJECT GENERAL NOTES

- ALL WORK SHALL COMPLY WITH CURRENT FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES AS WELL AS THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL REPORT ANY CONFLICTS TO THE ENGINEER AS SOON AS THEY ARE DISCOVERED.
- THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE A.D.A.A.G. (AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES).
- THE CONTRACTOR SHALL REVIEW THE DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING JOB AND DURING CONSTRUCTION. EXCEPT AS OTHERWISE NOTED, THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS, AND LABOR FOR A COMPLETE PROJECT AS SHOWN IN THE DRAWINGS AND SPECIFICATIONS. DRAWINGS AND SPECIFICATIONS CARRY EQUAL IMPORTANCE AND ITEMS LISTED IN EITHER SHALL BE FURNISHED AS IF LISTED IN BOTH. ALSO REVIEW DETAILS AND RISER DIAGRAMS FOR ADDITIONAL ITEMS/INSTRUCTIONS WHETHER SPECIFICALLY REFERRED TO ON PLANS OR NOT.
- THE CONTRACTOR MUST VISIT THE SITE TO FAMILIARIZE HIMSELF WITH THE EXISTING SITE CONDITIONS WHICH WILL BE AFFECTED DURING CONSTRUCTION PRIOR TO SUBMITTING HIS BID PROPOSAL, INCLUDING THE EXTENT OF DEMOLITION AND CONFLICTS WITH PLANS.
- DRAWINGS ARE DIAGRAMMATIC IN NATURE AND SHOW THE GENERAL INSTALLATION OF EQUIPMENT AND MATERIALS IN RELATIONSHIP TO STRUCTURE AND OTHER TRADES. THEY MAY NOT SHOW EVERY REQUIRED OFFSET, FITTING, ETC. CONTRACTOR SHALL FIELD VERIFY ACTUAL JOB CONDITIONS AND COORDINATE WORK WITH OTHER TRADES PRIOR TO BIDDING JOB AND PRIOR TO ORDERING EQUIPMENT, FABRICATION OF MATERIALS, OR STARTING WORK. CONTRACTOR SHALL NOT SCALE THE DRAWINGS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL ITEMS THAT AFFECT OTHER DISCIPLINES WITH THE CORRESPONDING CONTRACTOR AND THE GENERAL CONTRACTOR IF EQUIPMENT, MATERIALS, ETC. OTHER THAN THOSE SCHEDULED AND SPECIFIED (PENDING PRE-APPROVAL) ARE FURNISHED.
- CHANGE ORDERS WILL NOT BE GRANTED DUE TO LACK OF COORDINATION WITH JOB CONDITIONS AND/OR OTHER CONTRACTORS.
- EXISTING EQUIPMENT, DUCTWORK, AND PIPING SIZES AND LOCATIONS ARE SHOWN FOR REFERENCE ONLY. ADJUST EXACT INSTALLATION AND CONNECTION OF NEW ITEMS ACCORDING TO ACTUAL CONDITIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE OF RELOCATED EQUIPMENT AND MATERIALS DURING CONSTRUCTION. ITEMS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- UPON COMPLETION OF THE PROJECT THE CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO THE OWNER, ARCHITECT, AND ENGINEER SHOWING EQUIPMENT, DUCTWORK, PIPING, ETC. THAT DIFFERS FROM CONSTRUCTION DOCUMENTS AS THEY ARE ACTUALLY INSTALLED.
- THE RESPONSIBILITY OF EACH CONTRACTOR IS NOT LIMITED TO THEIR SPECIFIC DISCIPLINE'S DRAWING SHEETS. REFER TO OTHER DISCIPLINES' DRAWING SHEETS AS REQUIRED FOR ADDITIONAL INFORMATION/INSTRUCTIONS.
- FIRE STOP ALL PENETRATIONS THRU RATED WALLS. SLEEVE IN ENTIRETY WITH APPROPRIATE SLEEVE MATERIAL.

### MECHANICAL GENERAL NOTES

- DO NOT ROUTE ANY PIPING OVER ELECTRICAL ROOMS, COMPUTER ROOMS, OR ELECTRICAL PANELS.
- PROVIDE NEOPRENE VIBRATION ISOLATORS FOR ALL MECHANICAL EQUIPMENT PER MANUFACTURERS INSTALLATION INSTRUCTIONS.

### MECHANICAL SYMBOL LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SUPPLY AIR DOWN		GRD TAG
	SUPPLY AIR UP AND THRU		REVISION TAG
	RETURN AIR DOWN		ROUND FLOOR DRAIN
	RETURN AIR UP AND THRU		SQUARE FLOOR DRAIN / FLOOR SINK
	EXHAUST AIR DOWN		FLOOR CLEANOUT
	EXHAUST AIR UP AND THRU		WALL / END CLEANOUT
	MANUAL DAMPER		SHUT-OFF VALVE
	MITERED ELBOW WITH TURNING VANES		SOLENOID VALVE
	RADIUSED ELBOW		2 WAY CONTROL VALVE
	CONNECT/REMOVE TO EXISTING		3 WAY CONTROL VALVE
	THERMOSTAT		PRESSURE REDUCING VALVE
	HUMIDISTAT		CHECK VALVE
	MOTORIZED DAMPER ACTUATOR		CIRCUIT SETTER
	EQUIPMENT / PLUMBING FIXTURE TAG		STRAINER
	KEYED NOTE		UNION
	DIRECTION OF AIRFLOW		FLOW DIRECTION ARROW
	BACKDRAFT DAMPER		PIPE BREAK
	CONTROL DAMPER		PIPE CAP
	FIRE/SMOKE DAMPER		PIPE REDUCER
	FIRE DAMPER		
	SMOKE DAMPER		

### ABBREVIATIONS

ABBREVIATIONS	DESCRIPTION	ABBREVIATIONS	DESCRIPTION
A	AMPERES	HWC	DOMESTIC HOT WATER CIRCULATING
AV	AUDIOVISUAL	IG	ISOLATED GROUND
AFF	ABOVE FINISHED FLOOR	IP	INTERNET PROTOCOL
AFG	ABOVE FINISHED GRADE	J-BOX	JUNCTION BOX
AHJ	AUTHORITIES HAVING JURISDICTION	LTG	LIGHTING
ATS	AUTOMATIC TRANSFER SWITCH	MAX	MAXIMUM
BFC	BELOW FINISHED CEILING	MC	MECHANICAL CONTRACTOR
BFG	BELOW FINISHED GRADE	MCA	MINIMUM CIRCUIT AMPACITY
C	CONDUIT	MIN	MINIMUM
CB	CIRCUIT BREAKER	MOCPP	MAXIMUM OVERCURRENT PROTECTION
CLG	CEILING	(N)	NEW
CO	CLEANOUT	NC	NORMALLY CLOSED
CT	MOUNTED 6" ABOVE COUNTER TOP	NL	NIGHT LIGHT
DCW	DOMESTIC COLD WATER	NO	NORMALLY OPEN
DHW	DOMESTIC HOT WATER	NTS	NOT TO SCALE
DN	DOWN	OA	OUTSIDE AIR
(E)	EXISTING TO REMAIN	P	POLE
EA	EXHAUST AIR	PRV	PRESSURE RELIEF VALVE/REDUCING VALVE
EC	ELECTRICAL CONTRACTOR	(R)	RELOCATE/RELOCATED
EM	DEVICE ON EMERGENCY CIRCUIT OR WITH AN EMERGENCY BATTERY	RA	RETURN AIR
FCO	FLOOR CLEANOUT	SA	SUPPLY AIR
FLA	FULL LOAD AMPS	SPD	SURGE PROTECTIVE DEVICE
FVNR	FULL VOLTAGE NON-REVERSING	TCC	TEMPERATURE CONTROLS CONTRACTOR
FVR	FULL VOLTAGE REVERSING	TP	TAMPER PROOF OUTLET COVERS
FWD	FORWARD	TR	TAMPER RESISTANT DEVICE
FPC	FIRE PROTECTION CONTRACTOR	TYP	TYPICAL
GC	GENERAL CONTRACTOR	UCT	MOUNTED UNDER COUNTER TOP
GCO	GRADE CLEANOUT	UON	UNLESS OTHERWISE NOTED
GEC	GROUNDING ELECTRODE CONDUCTOR	V	VOLTS
GFI/GFCI	GROUND FAULT INTERRUPTER	VTR	VENT THRU ROOF
G/GND	GROUND	WCO	WALL CLEANOUT
HP	HORSE POWER	WP	WEATHER PROOF
		WPI	WP IN SERVICE (WITH PLUG IN SERVICE)
		WR	WEATHER RESISTANT TYPE DEVICE

### LINETYPES LEGEND

-----	EXISTING/REFERENCE	—G—	NATURAL GAS
-----	EXISTING TO BE DEMOLISHED	—HPS—	HIGH PRESSURE STEAM SUPPLY
-----	WORK TO BE DONE	---HPR---	HIGH PRESSURE STEAM RETURN
-----	DOMESTIC COLD WATER	—HWS—	HEATING WATER SUPPLY
-----	DOMESTIC HOT WATER	---HWR---	HEATING WATER RETURN
-----	DOMESTIC HOT WATER CIRCULATING	—LPS—	LOW PRESSURE STEAM SUPPLY
-----	SANITARY SEWER / WASTE	---LPR---	LOW PRESSURE STEAM RETURN
-----	VENT	—MA—	MEDICAL AIR
-----	REFRIGERANT - HARD COPPER	—MV—	MEDICAL VACUUM
-----	REFRIGERANT - SOFT COPPER	—N—	NITROGEN
-----	COMPRESSED AIR	—N2O—	NITROGEN OXIDE
-----	CONDENSATE DRAIN	—O—	OXYGEN
-----	CONDENSER WATER SUPPLY	—OD—	OVERFLOW ROOF DRAIN
-----	CONDENSER WATER RETURN	—PCR—	PUMPED STEAM CONDENSATE RETURN
-----	CHILLED WATER SUPPLY	—RD—	ROOF DRAIN
-----	CHILLED WATER RETURN	—V—	VACUUM

### MECHANICAL CONTACTS

MECHANICAL DESIGN  
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### CODE INFORMATION

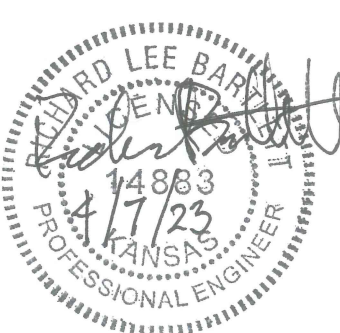
2018 INTERNATIONAL MECHANICAL CODE  
2015 UNIFORM PLUMBING CODE  
2018 INTERNATIONAL FUEL AND GAS CODE

### DESIGN CRITERIA

LOCATION: WICHITA, KS  
ELEVATION: 1299'  
DESIGN CLIMATIC CONDITIONS: (PER 2017 ASHRAE FUNDAMENTALS 0.4/99.6% CRITERIA)  
COOLING: 100°F DB / 73°F WB  
HEATING: 0°F DB  
DESIGN INDOOR CONDITIONS: COOLING: 76°F DB  
HEATING: 70°F DB

### SHEET LIST TABLE

SM0.11 MECHANICAL COVERSHEET - PRESS BOX  
SM1.11 PRESS BOX - HVAC PLANS



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### MECHANICAL COVERSHEET - PRESS BOX

PROJECT NO. 1701010567  
DATE 04-07-23  
SCALE AS NOTED  
DESIGNED DRAWN CHECKED  
RLB JAC RLB

0 ISSUED FOR CONSTRUCTION 04-07-23  
NO. REVISION DATE

SHEET NO.  
SM0.11