

# DRAWING LIST - MECHANICAL

- M0.1 DRAWING LIST AND SYMBOL LEGEND
- M1.1 CRAWLSPACE PLAN - PART A - PLUMBING AND FIRE PROTECTION
- M1.2 CRAWLSPACE PLAN - PART B - PLUMBING AND FIRE PROTECTION
- M1.3 CRAWLSPACE PLAN - PART C - PLUMBING AND FIRE PROTECTION
- M1.4 MAIN FLOOR PLAN - PART A - PLUMBING AND FIRE PROTECTION
- M1.5 MAIN FLOOR PLAN - PART B - PLUMBING AND FIRE PROTECTION
- M1.6 MAIN FLOOR PLAN - PART C - PLUMBING AND FIRE PROTECTION
- M2.1 CRAWLSPACE PLAN - PART A - H.V.A.C.
- M2.2 CRAWLSPACE PLAN - PART B - H.V.A.C.
- M2.3 MAIN FLOOR PLAN - PART A - H.V.A.C.
- M2.4 MAIN FLOOR PLAN - PART B - H.V.A.C.
- M2.5 MAIN FLOOR PLAN - PART C - H.V.A.C.
- M2.6 SCHEMATIC - H.V.A.C.
- M3.1 ROOF PLAN - MECHANICAL

# SYMBOL LEGEND - MECHANICAL

— GHR —	GLYCOL HEATING RETURN
— GHS —	GLYCOL HEATING SUPPLY
— HWR —	HEATING WATER RETURN
— HWS —	HEATING WATER SUPPLY
— RHG —	REFRIGERANT HOT GAS
— RL —	REFRIGERANT LIQUID
— RS —	REFRIGERANT SUCTION
— LPS —	LOW PRESSURE STEAM
	BACK DRAFT DAMPER
	MANUAL BALANCING DAMPER
	FIRE DAMPER
	MOTORIZED FIRE/SMOKE DAMPER
	MOTORIZED DAMPER
	TURNING VANES
	DUCT SILENCER
	ACOUSTIC INSULATION
	FLEXIBLE DUCT CONNECTION
	SUPPLY/MAKE-UP/OUTSIDE/COMBUSTION AIR DUCT SHAFT
	RETURN/EXHAUST/RELIEF AIR DUCT SHAFT
	SUPPLY/MAKE-UP/OUTSIDE/COMBUSTION AIR DUCT
	RETURN/EXHAUST/RELIEF AIR DUCT
	ROUND SUPPLY DUCT RISER UP/DOWN
	ROUND RETURN/EXHAUST/RELIEF AIR RISER UP/DOWN
	RETURN/EXHAUST/RELIEF AIR WALL OPENING
	FLEXIBLE DUCTWORK
	DOOR UNDERCUT
	THERMOSTAT
	EXISTING, RELOCATED, THERMOSTAT
	HUMIDISTAT
	DDC TEMPERATURE SENSOR
	DDC HUMIDITY SENSOR
	DDC STATIC PRESSURE SENSOR
	DIFFERENTIAL PRESSURE SENSOR
	SWITCH
	EQUIPMENT DESIGNATION
	GRILLE/DIFFUSER DESIGNATION
	RADIATION UNIT DESIGNATION
	TAGS/NOTES DESIGNATION FOR HVAC DRAWINGS
	RELOCATE ARROW

	SHUT-OFF VALVE
	NORMALLY CLOSED SHUT-OFF VALVE
	SOLENOID VALVE
	CONTROL VALVE
	3-WAY VALVE
	CHECK VALVE
	MANUAL BALANCING VALVE
	PRESSURE REDUCING VALVE
	CIRCUIT BALANCING VALVE
	NATURAL GAS VALVE
	PRESSURE RELIEF VALVE
	HOSE END VALVE
	VALVE C/W TAMPER SWITCH
	PRESSURE GAUGE WITH VALVE
	STRAINER
	STRAINER W/ BLOWDOWN VALVE
	UNION
	REDUCER
	SHOCK ABSORBER
	HOSE BIBB
	THERMOMETER
	PRESSURE SWITCH
	FLOW SWITCH
	AIR PURGE
	AUTO AIR VENT
	FLEX CONNECTION
	PIPE ANCHOR
	PIPE GUIDE
	PIPE SLEEVE
	DIRECTION OF FLOW
	PUMP

— — — — —	SANITARY WASTE ABOVE FLOOR OR GRADE
— — — — —	SANITARY WASTE BELOW FLOOR OR GRADE
— — — — —	EXISTING PIPING TO BE REMOVED
— — — — —	EXISTING PIPING TO REMAIN
— TW — — —	INDIRECT OR LOCAL WASTE
— RWL — — —	RAIN WATER LEADER
— SD — — — —	STORM SEWER ABOVE FLOOR OR GRADE
— SD — — — —	STORM SEWER BELOW FLOOR OR GRADE
— SPD — — — —	SUMP PUMP/SEWAGE PUMP DISCHARGE LINE
— — — — —	VENT LINE
— — — — —	DOMESTIC COLD WATER
— — — — —	DOMESTIC HOT WATER
— — — — —	DOMESTIC HOT WATER RECIRCULATION LINE
— 82°C — — —	DOMESTIC HOT WATER (82°C)
— 82°C — — —	DOMESTIC HOT WATER RECIRC. LINE (82°C)
— TW — — — —	DOMESTIC HOT TEMPERED WATER
— ROS — — — —	REVERSE OSMOSIS SUPPLY
— ROR — — — —	REVERSE OSMOSIS RETURN
— DI — — — —	DEIONIZED WATER
— SW — — — —	SOFT WATER
— CA — — — —	COMPRESSED AIR
— C — — — —	NATURAL GAS
— AW — — — —	ADD WASTE
— — — — —	ADD VENT
— — — — —	VENT THRU ROOF
	FLOOR DRAIN
	ROOF DRAIN
	HUB DRAIN
	NON-FREEZE WALL HYDRANT
	CLEANOUT
	PLUMBING FIXTURE DESIGNATION
	FIRE EXTINGUISHER - TYPE ABC - RECESSED CABINET
	FIRE EXTINGUISHER - TYPE ABC - WALL HUNG
	FIRE EXTINGUISHER - TYPE CO2 - WALL HUNG
	FIRE EXTINGUISHER - TYPE ABC - IN HOSE CABINET
	EXISTING FIRE EXTINGUISHER TO BE REMOVED
	EXISTING FIRE EXTINGUISHER TO BE REMAINED
— PA — — — —	PREACTION SPRINKLER LINE
— F — — — —	FIRE LINE
	UPRIGHT SPRINKLER HEAD WITH WIRE GUARD
	UPRIGHT SPRINKLER HEAD
	PENDANT SPRINKLER HEAD

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ORIGINAL CONTRACT DRAWING  
BOKED AND SEALED BY  
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**APCM**  
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DRAWING LIST, AND SYMBOL LEGEND  
**M0.1**