



1 KEY PLAN
M0.0 SCALE: NTS

SYMBOL LEGEND

SINGLE LINE PIPE FITTINGS	
	SWING CHECK VALVE
	GAS PRV
	STRAINER
	HOSE BIBB
	CONTINUATION
	HEAT TRACE
	FLOW DIRECTION
	GAS METER
	WATER METER
	PUMP
	ELBOW UP
	ELBOW DOWN
	PIPE CAP
	TEE UP
	TEE DOWN
	GATE VALVE
	BALL VALVE
	BUTTERFLY VALVE
	ISOLATION VALVE
	SUMP PIT INTERCEPTOR
	UNION
	PLUG VALVE

PLUMBING & DRAINAGE	
	ROOF DRAIN
	HUB DRAIN
	FLOOR DRAIN
	FUNNEL FLOOR DRAIN
	FLOOR DRAIN WITH TRAP
	FLOOR DRAIN FROM ABOVE
	STORM DRAIN FROM ABOVE
	CLEAN OUT PLUG
	CLEAN OUT IN FLOOR
	TRAP
	NEW DOMESTIC COLD WATER
	EXISTING DOMESTIC COLD WATER
	DOMESTIC COLD WATER TO BE REMOVED
	NEW DOMESTIC HOT WATER
	EXISTING DOMESTIC HOT WATER
	DOMESTIC HOT WATER TO BE REMOVED
	NEW DOMESTIC HOT WATER RECIRCULATION
	EXISTING DOMESTIC HOT WATER RECIRCULATION
	DOMESTIC HOT WATER RECIRCULATION TO BE REMOVED
	NEW SANITARY DRAIN ABOVE
	EXISTING SANITARY DRAIN ABOVE
	SANITARY DRAIN ABOVE TO BE REMOVED
	NEW SANITARY DRAIN BELOW
	EXISTING SANITARY DRAIN BELOW
	SANITARY DRAIN BELOW TO BE REMOVED
	NEW VENT
	EXISTING VENT
	VENT TO BE REMOVED
	NEW STORM DRAIN ABOVE
	EXISTING STORM DRAIN ABOVE
	STORM DRAIN ABOVE TO BE REMOVED
	NEW STORM DRAIN BELOW
	EXISTING STORM DRAIN BELOW
	STORM DRAIN BELOW TO BE REMOVED
	NEW NATURAL GAS
	EXISTING NATURAL GAS
	NATURAL GAS TO BE REMOVED
	HEATING WATER SUPPLY
	EXISTING HEATING WATER SUPPLY
	HEATING WATER SUPPLY TO BE REMOVED
	HEATING WATER RETURN
	EXISTING HEATING WATER RETURN
	HEATING WATER RETURN TO BE REMOVED
	DRAIN LINE AT HIGH LEVEL
	PUMPED CONDENSATE
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION

DOUBLE LINE DUCTWORK	
	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN DUCT UP
	RETURN DUCT DOWN
	EXHAUST DUCT UP
	EXHAUST DUCT DOWN
	SQUARE SUPPLY ELBOW WITH TURNING VANES
	SQUARE SUPPLY ELBOW
	45° RADIUS ELBOW
	90° RADIUS ELBOW
	90° RADIUS ELBOW WITH TURNING VANES
	45° RADIUS ROUND DUCT ELBOW
	90° RADIUS ROUND DUCT ELBOW
	SUPPLY AIR FLOW ARROW
	RETURN AIR FLOW ARROW
	SUPPLY AIR DIFFUSER
	RETURN AIR DIFFUSER
	EXHAUST AIR DIFFUSER
	TAKEOFF CONNECTION
	SPIN-ON CONNECTION
	EXISTING DUCTWORK
	NEW SUPPLY DUCTWORK
	NEW EXHAUST DUCTWORK
	NEW RETURN DUCTWORK
	BALANCING DAMPER
	VAV BOX
	FLEX DUCT
	SQUARE TO ROUND

MECHANICAL DRAWING LIST		
M0.0	MECHANICAL LEGEND & DRAWING LIST	NTS
M1.1	WAREHOUSE PLUMBING - RENOVATION PLAN	1:125
M2.1	WAREHOUSE HVAC - RENOVATION PLAN	1:125
M3.1	WAREHOUSE FIRE PROTECTION - RENOVATION PLAN	1:125
M4.1	WAREHOUSE ROOF PLAN	1:125
M5.1	WAREHOUSE ENLARGEMENTS & ELEVATIONS	AS NOTED
M6.1	MECHANICAL SCHEMATICS AND DETAILS	NTS
M6.2	VENTILATION CHARTS	NTS
M6.3	PLUMBING SPECIFICATIONS, CHARTS, & GAS LOAD SCHEMATIC	NTS
M7.1	TERTIARY EXAM GARAGE ADDITION - PLUMBING RENOVATION PLAN	1:100
M8.1	TERTIARY EXAM GARAGE ADDITION - HVAC RENOVATION PLAN	1:100
ME1.0	MECHANICAL & ELECTRICAL DATA SHEETS	NTS
ME1.1	MECHANICAL & ELECTRICAL DATA SHEETS	NTS
ME1.2	MECHANICAL & ELECTRICAL DATA SHEETS	NTS
	MECHANICAL NMS SPECIFICATIONS BOOKLET	

FIRE PROTECTION	
	UPRIGHT SPRINKLER HEAD
	SPRINKLER AUTO VALVE
	DRY SPRINKLER LINE
	WET SPRINKLER LINE
	EXISTING FIRE SPRINKLER LINE
	PENDENT SPRINKLER HEAD
	SIDEWALL SPRINKLER HEAD
	FIRE EXTINGUISHER
	FIRE PROTECTION ZONE

DRAWING SYMBOLS	
	PLUMBING FIXTURE TAG
	EQUIPMENT TAG
	DRAWING TITLE
	DIFFUSER TAG
	DETAIL NUMBER
	SHEET NUMBER
	SECTION NUMBER

HVAC EQUIPMENT & LABELS	
	CEILING FAN
	SMALL EXHAUST FAN
	ELECTRIC COIL
	THERMOSTAT
	TEMPERATURE SENSOR
	CARBON AND NITROGEN DIOXIDE SENSOR
	CARBON MONOXIDE SENSOR
	FAN SWITCH
	DAMPER MOTOR
	GAS FIRED UNIT HEATER
	EXISTING HYDRONIC UNIT HEATER
	AIR CONDITIONER
	LOUVRE
	CONDENSING UNIT
	SILENCER
	BACKDRAFT DAMPER
	FIRE DAMPER
	FIRE FLAP
	ELECTRIC FORCE FLOW
	REHEAT COIL



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DO NOT SCALE DRAWINGS

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