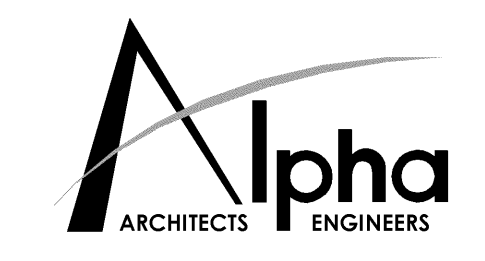
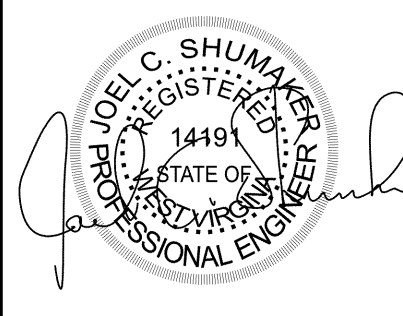


HVAC SYMBOLS

	3 - WAY CONTROL VALVE, ELECTRIC		1 - LINE MOTOR OPERATED DAMPER		INDICATES NOTES ELSEWHERE ON DRAWING
	3 - WAY CONTROL VALVE, PNEUMATIC		1 - LINE FIRE DAMPER		DETAIL NUMBER OR SECTIONAL LETTER DRAWING NUMBER WHERE DRAWN
	AIR VENT WITH COCK		1 - LINE SMOKE DAMPER		DETAIL NUMBER OR SECTIONAL LETTER DRAWING NUMBER WHERE DETAIL IS DRAWN DRAWING NUMBER WHERE SYMBOL IS USED
	ANCHOR		1 - LINE COMBINATION FIRE/SMOKE DAMPER		SECTION LETTER DRAWING NUMBER WHERE SHOWN
	ANGLE VALVE		1 - LINE BAROMETRIC RELIEF DAMPER		SECTION LETTER DRAWING NUMBER WHERE SECTION IS DRAWN DRAWING NUMBER WHERE SECTION IS CUT
	AQUA STAT		1 - LINE TRANSITION		SUPPLY DIFFUSER, 4-WAY THROW UNLESS NOTED OTHERWISE
	AUTOMATIC AIR VENT		1 - LINE VOLUME CONTROL DAMPER		AIR FLOW ARROW
	BALANCING COCK		FLEXIBLE DUCTWORK		CARBON MONOXIDE SENSOR
	BASKET STRAINER		DUCTWORK TO BE REMOVED		DIFFERENTIAL PRESSURE SENSOR
	BOTTOM CONNECTION		EXISTING DUCT TO REMAIN (LIGHT LINE WORK)		DOOR UNDERCUT 1" ABOVE FINISHED FLOOR
	CONCENTRIC REDUCER		DUCT (SHOWN x HIDDEN)		DUCT MOUNTED STATIC PRESSURE SENSOR
	CONTROL VALVE, ELECTRIC		ROUND DUCT (DIAMETER)		FLOW METER, DDC
	CONTROL VALVE, PNEUMATIC		FLAT OVAL (SHOWN x HIDDEN)		HUMIDISTAT, ELECTRIC
	CHECK VALVE		FLEXIBLE CONNECTION		HUMIDISTAT, PNEUMATIC
	CONDUCTIVITY SENSOR FOR CHEMICAL FEEDER		ACOUSTIC DUCT LINING		PE SWITCH ABOVE CEILING (WITH ACCESS PANEL)
	DIRECTION OF FLOW		COIL IN DUCT		PE SWITCH EXPOSED
	DIRECTION OF PIPE PITCH, DOWN		CONTROL PANEL		PRESSURE SENSOR
	DROP IN PIPE		ELECTRIC COIL IN DUCT		REFRIGERANT SENSOR
	ELBOW DOWN		VOLUME CONTROL DAMPER		SMOKE DETECTOR
	ELBOW (TEE), UP		PERFORATED PLATE DAMPER		SPACE STATIC PRESSURE SENSOR
	ECCENTRIC REDUCER		DUCT TRANSITION		STATIC PRESSURE SENSOR
	END CAP		FILTER SECTION IN DUCT		THERMOSTAT, ELECTRIC
	FIRE DAMPER IN FLOOR		HUMIDIFIER IN DUCT		THERMOSTAT, PNEUMATIC
	FLANGED CONNECTION		MOTOR OPERATED DAMPER		CARBON DIOXIDE SENSOR
	FLEXIBLE CONNECTION		FIRE DAMPER		
	FLOW CONTROL DEVICE		SMOKE DAMPER		
	FLOW INDICATOR		COMBINATION FIRE/SMOKE DAMPER		
	FLOW SWITCH		BAROMETRIC RELIEF DAMPER		
	GUIDE		LOUVER IN WALL		
	HOSE END VALVE		SUPPLY / OUTDOOR / MAKE-UP AIR - RECTANGULAR DUCT SECTION		
	INVERTED ECCENTRIC REDUCER		RETURN / TRANSFER / RELIEF AIR - RECTANGULAR DUCT SECTION		
	ISOLATION VALVE STATION		EXHAUST AIR - RECTANGULAR DUCT SECTION		
	PIPE CONNECTION		SUPPLY / OUTDOOR / MAKE-UP AIR - OVAL DUCT SECTION		
	PIPE TO BE REMOVED		RETURN / TRANSFER / RELIEF AIR - OVAL DUCT SECTION		
	PRESSURE GAUGE WITH COCK, WATER		SUPPLY / OUTDOOR / MAKE-UP AIR - ROUND DUCT SECTION		
	PRESSURE GAUGE WITH SYPHON AND COCK, STEAM		RETURN / TRANSFER / RELIEF AIR - ROUND DUCT SECTION		
	PRESSURE REDUCING VALVE, STEAM		EXHAUST AIR - ROUND DUCT SECTION		
	PRESSURE REDUCING VALVE, WATER		SQUARE ELBOW WITH TURNING VANES		
	PRESSURE TEMPERATURE TAP		RADIUS ELBOW		
	RELIEF VALVE, STEAM		RECTANGULAR BOOT CONNECTION		
	RELIEF VALVE, WATER		BELLMOUTH TAKEOFF CONNECTION		
	RISE IN PIPE		CONICAL TAKEOFF CONNECTION		
	SAFETY VALVE, STEAM		CONICAL TAKEOFF CONNECTION		
	SIDE CONNECTION		STRAIGHT ROUND TAKEOFF CONNECTION		
	STEAM TRAP		CONICAL "T" CONNECTION		
	STUB UP		STRAIGHT "T" CONNECTION		
	SUCTION DIFFUSER				
	TEMPERATURE CONTROL VALVE				
	THERMOMETER WITH SEPERABLE WELL				
	TRIPLE DUTY VALVE				
	UNION				
	VACUUM BREAKER				
	VALVE, SEE SPECIFICATION FOR TYPE				
	VALVE, WITH HOSE END				
	VENTURI FLOW STATION				
	VENTURI FLOW STATION WITH FLOW METER				
	WELL				
	WYE STRAINER				
	WYE STRAINER WITH BALL VALVE				
	HIGH PRESSURE STEAM CONDENSATE RETURN				
	HIGH PRESSURE STEAM				
	LOW PRESSURE STEAM CONDENSATE RETURN				
	LOW PRESSURE STEAM				
	MEDIUM PRESSURE STEAM CONDENSATE RETURN				
	MEDIUM PRESSURE STEAM				
	PUMP DISCHARGE				
	PIPE SECTION				
	PIPE DOWN				

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No.	ITEM	DATE

PROJ. NO.: 0810123.05
 DATE: NOVEMBER 19, 2013
 SHEET NO.:

MECHANICAL SYMBOLS **M002**