



Mark	Date	Description

ISSUED FOR CONSTRUCTION

SEPTEMBER 21, 2016

Drawing Title

**PLUMBING AND
HVAC NOTES,
LEGEND AND
ABBREVIATIONS**

Scale: 12" = 1'-0"

Drawing Number

P00.0

	PIPE ELBOW TURNED DN		GLOBE VALVE		STEAM TRAP (FLOAT & THERMOSTATIC INDICATED T.T.= THERMOSTATIC TRAP, B.T.= BUCKET TRAP)		EXPANSION LOOP		CHANGE IN ELEVATION (UP, DOWN, RISE OR DROP)		MOTORIZED DAMPER		REGISTER, GRILLE & DIFFUSER TAG
	PIPE ELBOW TURNED UP		LOCKABLE BALL VALVE		PUMP - POINT OF TRIANGLE INDICATES DIRECTION OF FLOW		FLOOR DRAIN		SUPPLY DUCT TURNED UP/DN		FLEXIBLE CONNECTION		FINTUBE TAG
	PIPING TEE DOWN		PLUG VALVE		SHOCK ABSORBER (WATER HAMMER ARRESTER)		FIRE DEPARTMENT CONNECTION		RETURN DUCT TURNED UP/DN		TEMPERATURE SENSOR OR THERMOSTAT (AS SPECIFIED)		HUMIDISTAT OR HUMIDITY SENSOR (AS SPECIFIED)
	PIPING TEE UP		2-WAY CONTROL VALVE		GAS SHUT-OFF VALVE		ROUND DUCT TURNED UP/DN		EXHAUST DUCT TURNED UP/DN		CARBON DIOXIDE SENSOR		CARBON MONOXIDE SENSOR
	PIPE STACK		LOCK & SHIELD VALVE		HOSE END DRAIN VALVE W/CAP		FREE STANDING FIRE DEPARTMENT CONNECTION		MITERED DUCT ELBOW W/TURNING VANES		ACCESS PANEL		DUCT SMOKE DETECTOR
	45° ELBOW DOWN		CHECK VALVE		TEMPERATURE/PRESSURE TAP (PETE'S PLUG)		WATER GONG		RADIUS DUCT ELBOW		ROOFTOP EXHAUST FAN		ROOFTOP SUPPLY FAN
	PIPING TO BE REMOVED		BALANCING VALVE		THERMOMETER WITH COCK		DUCTWORK TO BE REMOVED		DUCT/PIPE CAP (SINGLE/DOUBLE LINE)		CEILING DIFFUSERS		CEILING DIFFUSERS
	CAPPED PIPING		AIR VENT - REFER TO SPECIFICATIONS		SOLENOID VALVE		ACCOUSTICAL LINING (DUCT DIMENSION FOR NET FREE AREA)		VOLUME DAMPER		CEILING DIFFUSERS		CEILING DIFFUSERS
	CAPPED BELOW FINISHED FLOOR		STRAINER WITH BLOWDOWN VALVE AND CAP		ORIFICE FLOWMETER		SMOKE DAMPER		FIRE DAMPER		CEILING DIFFUSERS		CEILING DIFFUSERS
	CONCENTRIC REDUCER		EXPANSION VALVE (AUTOMATIC)		HUMIDIFIER (DUCT/AHU MOUNTED)		SMOKE DAMPER		FIRE AND SMOKE DAMPER		CEILING DIFFUSERS		CEILING DIFFUSERS
	ECCENTRIC REDUCER		RELIEF/SAFETY VALVE		FINNED TUBE BASEBOARD		SMOKE DAMPER		BACKDRAFT DAMPER		CEILING DIFFUSERS		CEILING DIFFUSERS
	DIRECTION OF FLOW		PRESSURE GAUGE WITH COCK		HOSE BIB/WALL HYDRANT		SINGLE LINE DUCTWORK TO BE REMOVED		DUCT TRANSITION		CEILING DIFFUSERS		CEILING DIFFUSERS
	PIPE PITCHES DOWN		SIGHT GLASS		FLOOR CLEANOUT		SQUARE TO ROUND DUCT TRANSITION		FLEX DUCT - DOUBLE LINE		POINT OF CONNECTION - EXISTING TO NEW		DIRECTION OF AIR FLOW
	PIPE GUIDE		PRESSURE REDUCING VALVE		FUSIBLE LINK VALVE		FLEX DUCT - SINGLE LINE						
	EXPANSION JOINT		FLOW SWITCH		WALL CLEANOUT								
	PIPE ANCHOR		SELF-CONTAINED TEMP. CONTROL VALVE WITH REMOTE SENSOR		AQUASTAT								
	UNION												
	FLANGED CONNECTION												
	BACKFLOW PREVENTER												
	FLEXIBLE CONNECTION												
	SHUT-OFF/ISOLATION VALVE REFER TO SPECIFICATIONS												
	GATE VALVE - OUTSIDE SCREW & YOKE (OS&Y)												

E1 SYMBOLS LEGEND NONE

	ACID WASTE		LOW PRESSURE CONDENSATE		AUTOMATIC AIR VENT		COPPER; CONDENSING UNIT		GRAVITY VENTILATOR		OPPOSED BLADE DAMPER		UNIT HEATER
	AIR RELIEF		LOW PRESSURE STEAM		ABOVE CEILING		CABINET UNIT HEATER		HUMIDIFIER		OUTSIDE DIAMETER		UP IN CHASE
	BOILER BLOWDOWN		MEDICAL AIR		AIR COOLED CONDENSER		CONTROL VALVE		HOSE BIBB		OPEN ENDED DUCT		UP IN WALL
	CONDENSATE (HVAC DRAIN PAN)		MEDIUM PRESSURE CONDENSATE		AIR CONDITIONING UNIT		COLD WATER; CLOCKWISE		HANDICAP ACCESS		PUMPED DISCHARGE		UNIT VENTILATOR
	CONDENSATE (HVAC DRAIN PAN)		MEDIUM PRESSURE STEAM		AMERICANS WITH DISABILITIES ACT		DRY BULB TEMPERATURE		HEIGHT		VENT		VACUUM
	COMPRESSED AIR		MAKE-UP WATER		ACCESS DOOR		HEAT RECOVERY UNIT		HEAT PUMP		VACUUM BREAKER		VALVE & CAP FOR FUTURE
	CHILLED WATER RETURN		NITROGEN		ACID EXHAUST		HEATING AND VENTILATION		PRESSURE REDUCING VALVE		VOLUME DAMPER - MANUAL		VALVE
	CHILLED WATER SUPPLY		NATURAL GAS		DETAIL		HEATING, VENTILATING AND AIR COND.		PRESSURE REDUCING VALVE		VENT STACK		WASTE
	CONDENSER WATER RETURN		NITROUS OXIDE		DIAMETER		RECOMMENDATION		RETURN AIR		VENT TO ROOF		

NOTE
 ALL GENERAL NOTES, SYMBOL LEGENDS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING AND HVAC DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN.

A1 PIPING LINETYPE LEGEND A4 ABBREVIATIONS NONE