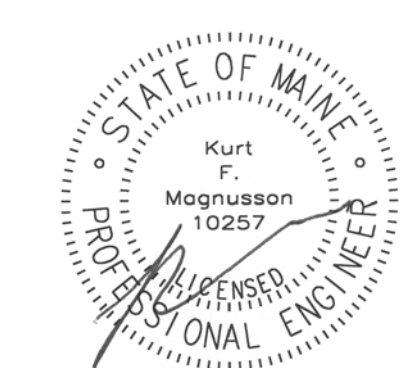


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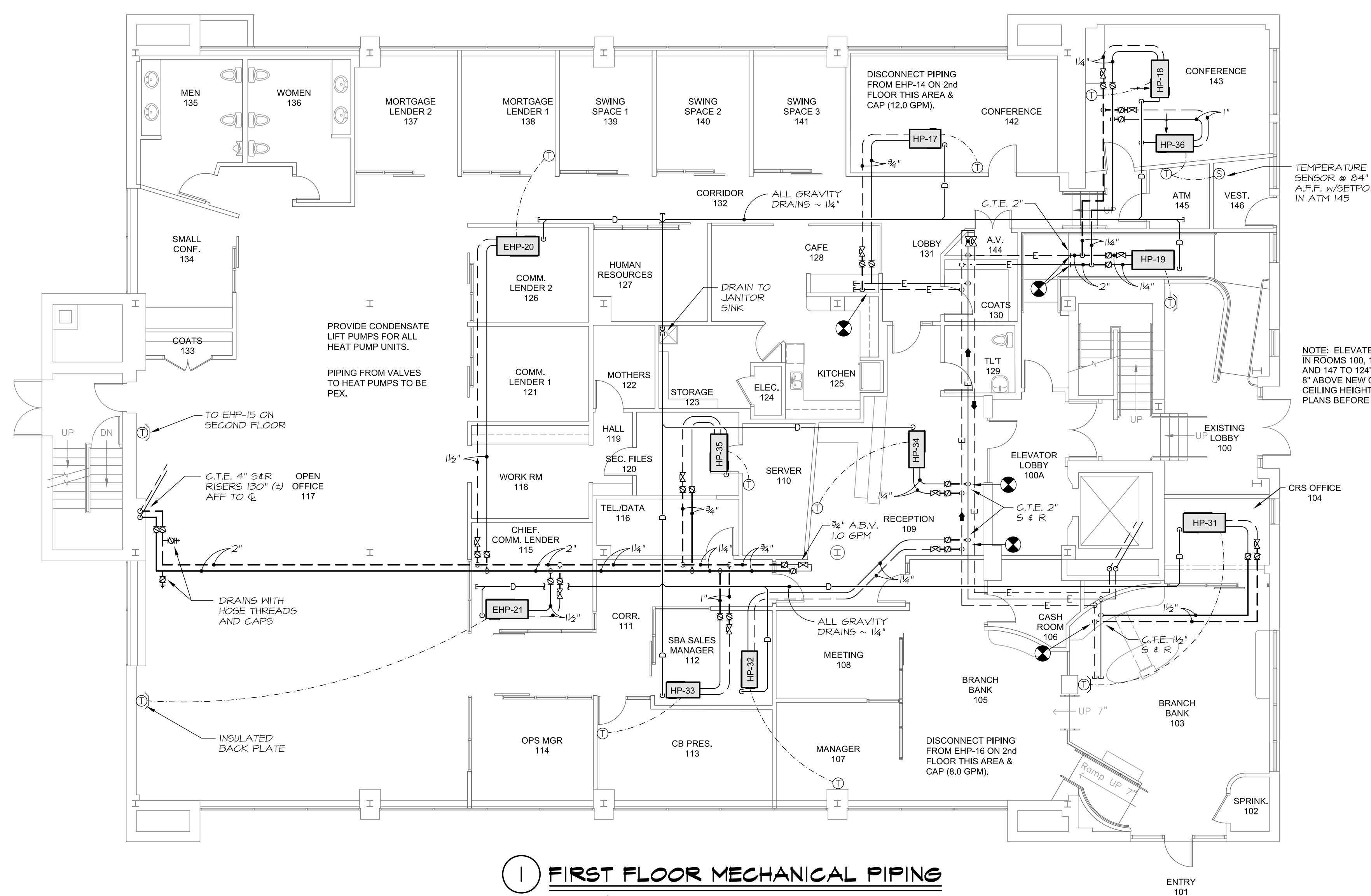
27 Pearl Street  
1st Floor Tenant Space  
Portland, Maine

FOR CONSTRUCTION  
March 04, 2015

**MECHANICAL PIPING PLAN**

Scale: 1/8" = 1'-0"

**M2**



**1 FIRST FLOOR MECHANICAL PIPING**  
SCALE: 1/8" = 1'-0"

**SYMBOLS AND ABBREVIATIONS**

ABV	AUTOMATIC BALANCING VALVE	HPS	HEAT PUMP SUPPLY		WATER SUPPLY PIPING
AC	AIR CONDITIONING	H&V	HEATING & VENTILATING		WATER RETURN PIPING
AD	ACCESS DOOR	IER	INVERTED ECCENTRIC REDUCER		EXISTING PIPING
AFF	ABOVE FINISH FLOOR	L	LOUVER		PIPING TO BE REMOVED
AP	ACCES PANEL	LAT	LEAVING AIR TEMPERATURE		DRAIN PIPING
APD	AIR PRESSURE DROP	LDB	LEAVING DRY BULB		UNION
ATC	AUTOMATIC TEMP. CONTROL	LWB	LEAVING WET BULB		HOSE CONNECTION
AV	AUTOMATIC VENT	MBH	THOUSAND BTU PER HOUR		FLANGE
BD	BACKDRAFT DAMPER	MBV	MANUAL BALANCING VALVE		GATE VALVE
BJ	BAR JOIST	MD	MANUAL DAMPER		CHECK VALVE
CD	CONDENSATE DRAIN	MOD	MOTOR OPERATED DAMPER		BALANCING VALVE
CFH	CUBIC FEET PER HOUR	MV	MANUAL VENT		CONTROL VALVE (TWO WAY)
CFM	CUBIC FEET PER MINUTE	NTS	NOT TO SCALE		BALL VALVE
CP	CONDENSATE PUMP	OA	OUTDOOR AIR		INVERTED ECCENTRIC REDUCER
CTE	CONNECT TO EXISTING	OD	OUTSIDE DIMENSION		THERMOSTAT
CUH	CABINET UNIT HEATER	P	PUMP		THERMOSTAT WITH GUARD
CV	CONTROL VALVE	PC	PLUMBING CONTRACTOR		CONNECT TO EXISTING
D	DRAIN	R	RETURN		MANUAL DAMPER
DIC	DOWN IN CORNER/CHASE	RA	RETURN AIR		TURNING VANE
DIFF	DIFFUSER	RIC	RETURN IN COVER		UNDERCUT
DIW	DOWN IN WALL	RIS	RUBBER-IN-SHEAR		UNDERGROUND
DO	DRAW-OFF	RR	RETURN REGISTER		UP IN CHASE
DSD	DUCT SMOKE DETECTOR	S	SUPPLY		VENT
EAT	ENTERING AIR TEMPERATURE	SA	SUPPLY AIR		VIBRATION ISOLATOR
EC	ELECTRICAL CONTRACTOR	SG	SUPPLY GRILLE		WATER PRESSURE DROP
EDB	ENTERING DRY BULB	SP	STATIC PRESSURE		WATER TEMPERATURE DROP
EF	EXHAUST FAN	SR	SUPPLY REGISTER		WATER TEMPERATURE RISE
EG	EXHAUST GRILLE	T	THERMOMETER		RETURN / RELIEF AIR DUCT
EHP	EXISTING HEAT PUMP	TC	TEMPERATURE CONTROL		FLEXIBLE DUCT
ER	EXHAUST REGISTER	TCP	TEMPERATURE CONTROL PANEL		LAY-IN DIFFUSER
ESP	EXTERNAL STATIC PRESSURE	TG	TRANSFER GRILLE		SURFACE MOUNT DIFFUSER
EWB	ENTERING WET BULB	TSP	TOTAL STATIC PRESSURE		SUPPLY AIR DUCT
EWT	ENTERING WATER TEMPERATURE	T*STAT	THERMOSTAT		RETURN / RELIEF AIR DUCT
FC	FLEXIBLE CONNECTOR	TV	TURNING VANE		
FD	FIRE DAMPER	UC	UNDERCUT		
FV	FACE VELOCITY	UG	UNDERGROUND		
GC	GENERAL CONTRACTOR	UIC	UP IN CHASE		
GPH	GALLONS PER HOUR	V	VENT		
GPM	GALLONS PER MINUTE	VI	VIBRATION ISOLATOR		
HC	HEATING CONTRACTOR	WPD	WATER PRESSURE DROP		
HP	HEAT PUMP	WTD	WATER TEMPERATURE DROP		
HPR	HEAT PUMP RETURN	WTR	WATER TEMPERATURE RISE		



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