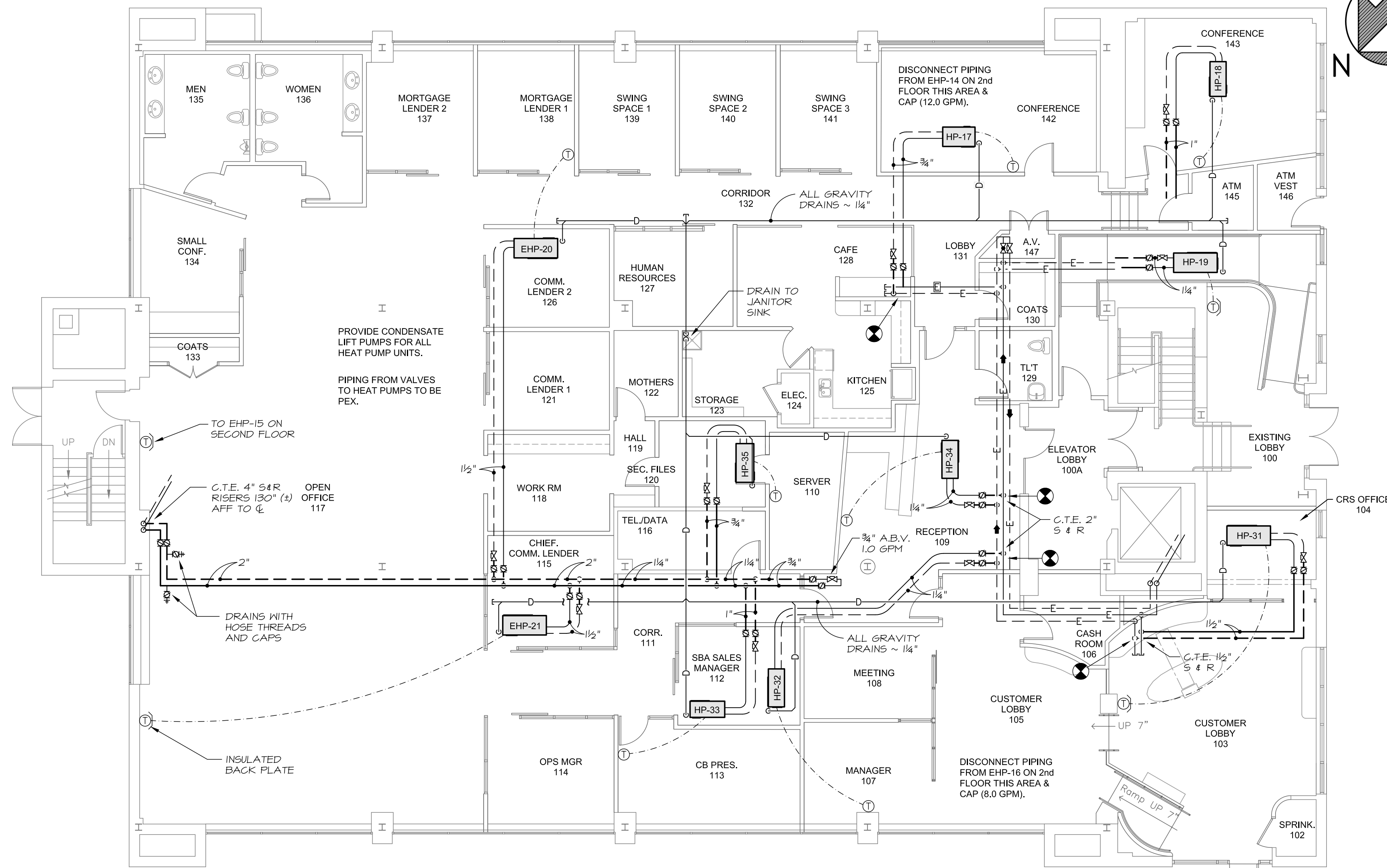


SYMBOLS AND ABBREVIATIONS

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	ACCESS 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		FLEXIBLE DUCT
DIFF	DIFFUSER	RIC	RETURN IN COVER		LAY-IN DIFFUSER
DIW	DOWN IN WALL	RIS	RUBBER-IN-SHEAR		SURFACE MOUNT DIFFUSER
DO	DRAW-OFF	RR	RETURN REGISTER		SUPPLY AIR DUCT
DSD	DUCT SMOKE DETECTOR	S	SUPPLY		RETURN / RELIEF AIR DUCT
EAT	ENTERING AIR TEMPERATURE	SA	SUPPLY AIR		
EC	ELECTRICAL CONTRACTOR	SG	SUPPLY GRILLE		
EDB	ENTERING DRY BULB	SP	STATIC PRESSURE		
EF	EXHAUST FAN	SR	SUPPLY REGISTER		
EG	EXHAUST GRILLE	T	THERMOMETER		
EHP	EXISTING HEAT PUMP	TC	TEMPERATURE CONTROL		
ER	EXHAUST REGISTER	TCP	TEMPERATURE CONTROL PANEL		
ESP	EXTERNAL STATIC PRESSURE	TG	TRANSFER GRILLE		
EWB	ENTERING WET BULB	TSP	TOTAL STATIC PRESSURE		
EWT	ENTERING WATER TEMPERATURE	TSTAT	THERMOSTAT		
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		



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

WSA
WINTON SCOTT ARCHITECTS
5 Milk Street
Portland, Maine 04101
207.774.4811
www.wintonscott.com



Branding / Bank Branch Interior Design:
THE ELEMENT GROUP
125 Brewery Lane
Portsmouth, NH 03801
T. 603.319.8951

Structural Engineering:
STRUCTURAL INTEGRITY ENGINEERS
77 Oak Street
Portland, ME 04101
T. 207.774.4614

HVAC & plumbing Engineering:
MECHANICAL SYSTEMS ENGINEERS
Royal River Center, Unit 10B
10 Forest Falls Drive
Yarmouth, ME 04096
T. 207.846.1441

Electrical Engineering:
SWIFT CURRENT ENGINEERING
Royal River Center, Unit 4B
10 Forest Falls Drive
Yarmouth, ME 04096
T. 207.847.9280

Northeast BANK
Portland Branch
27 Pearl Street
1st Floor Tenant Space
Portland, Maine

PERMIT SET
December 10, 2014

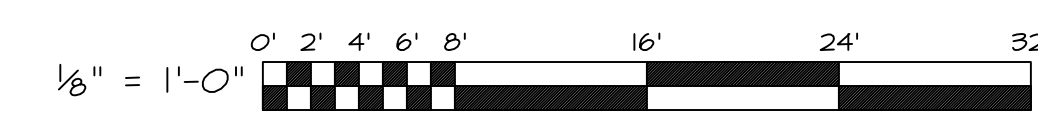
MECHANICAL PIPING PLAN

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

M2

FOR PERMIT USE ONLY
NOT A CONTRACT DOCUMENT

MECHANICAL SYSTEMS ENGINEERS
ROYAL RIVER CENTER, UNIT #10B
10 FOREST FALLS DRIVE
YARMOUTH, MAINE 04096
FACEBOOK: MECHANICAL SYSTEMS ENGINEERS
207-846-1441
M.S.E. Proj. 1437
© COPYRIGHT 2014



December 10, 2014 1:56 pm
\\MEPS\Users\Projects\1437\1437-M2.dwg