

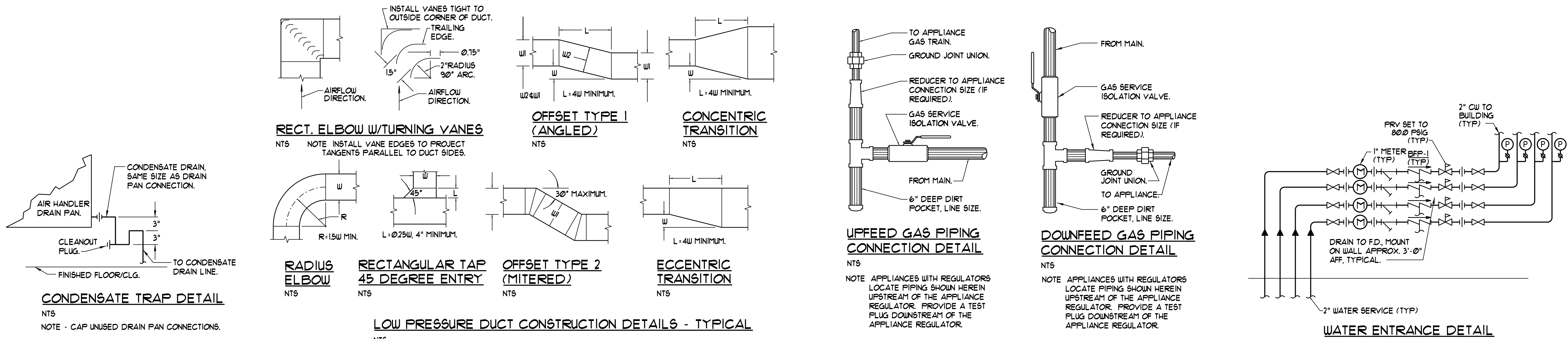
BFP PERFORMANCE SCHEDULE									
TAG	SIZE	FLOW RATE (GPM)	W.P.D (PSI)	MAX. WORK'G. TEMPERATURE (DEGREES F)	MAX. WORK'G. PRESSURE (PSI)	TESTABLE (Y) OR (N)	BASIS OF DESIGN - ZURN-WILKINS		
							BODY STYLE	SERVICE	MODEL
BFP-1	1"	500	100	100	175	Y	RPZ	WATER ENTRANCES (MULTIPLE)	915XL

ELECTRIC WALL HEATER PERFORMANCE SCHEDULE							
TAG	OUTPUT (MBH)	AIRFLOW (CFM)	MTG.HT. AFF (IN)	ELECTRICAL REQUIREMENTS		BASIS OF DESIGN - BERKO	
				KW	V/PH/Hz	SERVICE	MODEL
WH-1	5.1	100	12"	15	200/1/60	MULTIPLE	VFK404

** PROVIDE WITH SURFACE MOUNT FRAME

PACKAGED ROOFTOP UNIT PERFORMANCE SCHEDULE																	** (NET) AT 95°F AMBIENT ** - SEER		
TAG	NOMINAL COOLING (TONS)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EDB/ EWB (°F)	TOTAL AIRFLOW (CFM)	E.S.P. (INWG)	SUPPLY FAN RPM	MINIMUM O.A. (CFM)	EER (BTUH/WATT)	HEAT FUEL	HEATING INPUT (MBH)	WEIGHT W/ CURB (LBS)	TYPE OF REFRIG-ERANT	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN - TRANE		
														FLA	MCA	MOCF	V/PH/Hz	SERVICE	MODEL
HVAC-T1	100	110.9	82.4	17.9/65.6	3800	0.15	1379	900	11.3	GA5	250	1100	R-410a	-	49.6	600	200/3/60	BLDG B TENANT 1	YSC120
HVAC-T2	50	56.6	38.5	19.3/66.7	1600	0.15	1056	480	13.0**	GA5	1300	1150	R-410a	-	27.4	400	200/3/60	BLDG B TENANT 2	YSC060
HVAC-T3	50	56.6	38.5	19.3/66.7	1600	0.15	1056	480	13.0**	GA5	1300	1150	R-410a	-	27.4	400	200/3/60	BLDG B TENANT 3	YSC060
HVAC-T4A	50	58.4	38.8	20.1/67.9	1700	0.15	1091	665	13.0**	GA5	1300	1150	R-410a	-	27.4	400	200/3/60	CHIPOTLE	YSC060
HVAC-T4B	50	58.4	38.8	20.1/67.9	1700	0.15	1091	665	13.0**	GA5	1300	1150	R-410a	-	27.4	400	200/3/60	CHIPOTLE	YSC060
HVAC-A1	100	110.8	80.6	18.8/66.6	3500	0.15	1346	925	11.3	GA5	2500	1100	R-410a	-	49.6	600	200/3/60	BUILDING A	YSC120
HVAC-A2	50	56.0	39.0	18.3/66.1	1600	0.15	1059	410	13.0**	GA5	1300	1150	R-410a	-	27.4	400	200/3/60	BUILDING A	YSC060
HVAC-A3	50	55.3	37.6	17.5/65.5	1600	0.15	1059	250	13.0**	GA5	1300	1150	R-410a	-	27.4	400	200/3/60	BUILDING A	YSC060
HVAC-W	7.5	83.0	54.4	20.1/67.9	2400	0.15	994	925	11.2	GA5	2000	1350	R-410a	-	49.6	600	200/3/60	WAREHOUSE	YSC090

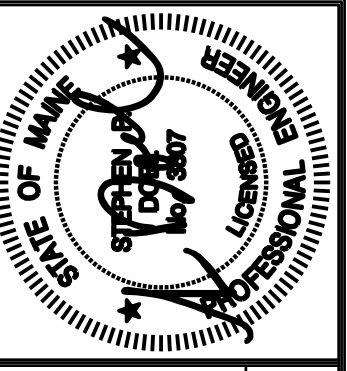
PROVIDE UNITS WITH ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF. MODULATING GAS HEAT WITH STAINLESS STEEL HEAT EXCHANGER.



MECHANICAL AND PLUMBING SYMBOLS AND ABBREVIATIONS LEGEND

NOTE - USE SYMBOLS AND ABBREVIATIONS AS APPLICABLE FOR THIS MECHANICAL DRAWING SET. SOME SYMBOLS AND ABBREVIATIONS IN THIS LEGEND MAY NOT APPLY.

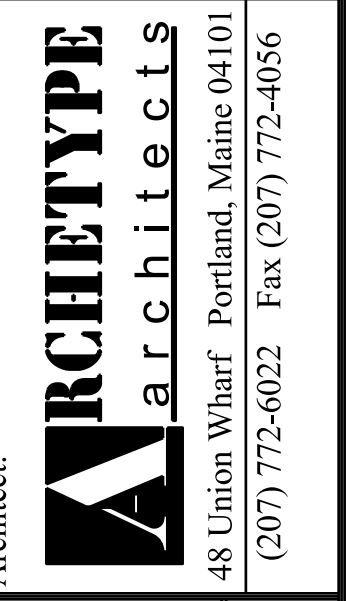
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
	GAS PIPING (G)		PRESSURE GAGE WITH GAGE COCK	AAV	AUTOMATIC AIR VENT	EDB	ENTERING DRY BULB	I-B-R	INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS	RLA	RUNNING LOAD AMPS
	PIPE CAP		THERMOMETER IN WELL	AD	ACCESS DOOR	EDC*	ELECTRIC DUCT COIL TAG	L*	LOUVER TAG	RPM	REVOLUTIONS PER MINUTE
	DIRECTION OF FLUID FLOW		WATER FLOW SWITCH	AFF	ABOVE FINISHED FLOOR	EER	ENERGY EFFICIENCY RATIO	IN	INCHES	RPZ	REDUCED PRESSURE ZONE
	ELBOW UP		PRESSURE SWITCH OR SENSOR	AHU*	AIR HANDLING UNIT TAG	EF*	EXHAUST FAN TAG	L*	LOUVER TAG	RTU	ROOM TEMPERATURE SENSOR
	ELBOW DOWN		EMULSION TEMPERATURE SENSOR	AM5	AIRFLOW MONITORING STATION	EFF	EFFICIENCY	LAT	LEAVING AIR TEMPERATURE	RV	RELIEF VALVE
	PIPE TEE UP		DUCT MOUNTED SMOKE DETECTOR	AMPS	AMPERES	ESP	EXTERNAL STATIC PRESSURE	LB	POUNDS	RUL	RAINWATER LEADER
	PIPE TEE DOWN		ROOM TEMPERATURE SENSOR	AP	ACCESS PANEL	ET*	EXPANSION TANK TAG	LBS/R	LOOP WATER SUPPLY/RETURN	SA	SUPPLY AIR
	PIPE REDUCER		THERMOSTAT OR SENSOR ON WALL	APD	AIR PRESSURE DROP	EWH*	ELECTRIC WATER HEATER TAG	LRA	LOCKED ROTOR AMPS	SAN	SANITARY (DRAIN & WASTE)
	PIPE WITH GUIDE		TSTAT OR SENSOR W/ TAMPERPROOF GUARD	AR	ACID RESISTANT PIPING	EWT	ENTERING WATER TEMPERATURE	LUCO	LOW WATER CUTOFF	SEER	SEASONAL ENERGY EFFICIENCY RATIO
	PIPE WITH ANCHOR		MANUAL AIR VENT	AS*	AIR SEPARATOR TAG	EXG	EXISTING	LUT	LEAVING WATER TEMPERATURE	SF	SUPPLY FAN
	BUTTERFLY VALVE		NOTE TAG (NUMBER)	ATC	AUTOMATIC TEMPERATURE CONTROL	EXH	EXHAUST	MAX	MAXIMUM	SP	STATIC PRESSURE
	OS & Y GATE VALVE		AIR DEVICE TAG (LETTER) WITH CFM	BFP*	BACKFLOW PREVENTER TAG	FC	FLEXIBLE CONNECTION	MBH	THOUSANDS OF BTU PER HOUR	SQFT	SQUARE FEET
	CHECK VALVE		ROOM NUMBER	BHP	BRAKE HORSEPOWER	FCO	FLOOR CLEANOUT	MCA	MINIMUM CIRCUIT AMPACITY	TEMP.	TEMPERATURE
	BALANCING VALVE (ADJUSTABLE)		TURNING VANES	BTUH	BRITISH THERMAL UNITS PER HOUR	FD	FIRE DAMPER	MIN	MINIMUM	ΔT	TEMPERATURE DIFFERENTIAL
	AUTOMATIC FLOW CONTROL VALVE		DUCT W/MANJIAL DAMPER	CC*	COOLING COIL TAG	FD*	FLOOR DRAIN TAG	NC	NOISE CRITERION	TEMP.	TEMPERATURE
	RELIEF VALVE (RV)		DUCT W/FLEXIBLE CONNECTION (FC)	CFM	CUBIC FEET PER MINUTE	FLA	FULL LOAD AMPS	NIC	NOT IN CONTRACT	TCF	TEMPERATURE CONTROL PANEL
	BALL VALVE		LAGGED DUCT	CO	CLEANOUT	FPB	FROST PROOF HOSE BIBB	NTS	NOT TO SCALE	THV*	THERMOSTATIC MIXING VALVE TAG
	BALL VALVE		DUCT W/ACOUSTIC LINING	CP*	CIRCULATING PUMP TAG	FFM	FEET PER MINUTE	OA	OUTSIDE AIR	TSP	TOTAL STATIC PRESSURE
	3/4" BALL VALVE WITH 3/4" HOSE END		DUCT W/SQUARE-TO-ROUND TRANSITION	Cv	VALVE COEFFICIENT	FSD	COMBINATION FIRE & SMOKE DAMPER	OBD	OPPOSED BLADE DAMPER	TYP	TYPICAL
	GATE VALVE		FLEXIBLE DUCT	CW	COLD WATER	FT	FEET	OD	OPEN ENDED DUCT	UH*	UNIT HEATER TAG
	PRESSURE REDUCING VALVE		MOTOR OPERATED DAMPER	DB	DRY BULB	GA	GAGE	OPD	OVERCURRENT PROTECTIVE DEVICE	VB	VACUUM BREAKER
	FUSIBLE VALVE		AIRFLOW OUT	dB RE	DECIBELS RELATIVE TO	GAL	GALLONS	P*	PLUMBING FIXTURE TAG	VFD	VARIABLE FREQUENCY INVERTER DRIVE
	STRAINER W/BLOWDOWN BALL VALVE		AIRFLOW IN	DCA	DOUBLE CHECK	GPH	GALLONS PER HOUR	PENETN	PENETRATION	VTR	VENT THRU ROOF
	UNION		DIAMETER OR FLAT OVAL	DCA	DOUBLE CHECK ATMOSPHERIC	GPM	GALLONS PER MINUTE	FF*	PADDLE FAN TAG	V/PH/Hz	VOLTS/PHASES/HERTZ
	PIPE FLANGE		FIRE DAMPER	DEG F	DEGREES FAHRENHEIT	HC*	HEATING COIL TAG	PSIA	POUNDS PER SQUARE INCH ABSOLUTE	WB	WET BULB
	FLEXIBLE PIPE CONNECTION (FC)		ROUND OR FLAT OVAL DUCT DOWN	DIA	DIAMETER	HP	HORSEPOWER	PSIG	POUNDS PER SQUARE INCH GAGE	WCO	WALL CLEANOUT
	PITCH DOWN		ROUND OR FLAT OVAL DUCT UP	DIW	DOWN IN WALL	HRV*	HEAT RECOVERY VENTILATOR TAG	PVC	POLYVINYL CHLORIDE (PIPE)	WG	WATER GAGE
	PETCOCK		SUPPLY DIFFUSER	DN	DOWN	HU	HOT WATER	RA	RETURN AIR	WPD	WATER PRESSURE DROP
			RETURN GRILLE	EA	EXHAUST AIR	RD	ROOF DRAIN	RDE	RECOMMENDED DUAL ELEMENT FUSE AMPS	WSA	WIRE SIZING AMPS
			STEAM TRAP	EAT	ENTERING AIR TEMPERATURE	RDE	RECOMMENDED DUAL ELEMENT FUSE AMPS	RHW	RECIRCULATED HOT WATER	WTD	WATER TEMPERATURE DROP
			WATER HAMMER ARRESTOR			RHW	RECIRCULATED HOT WATER			W	WITH



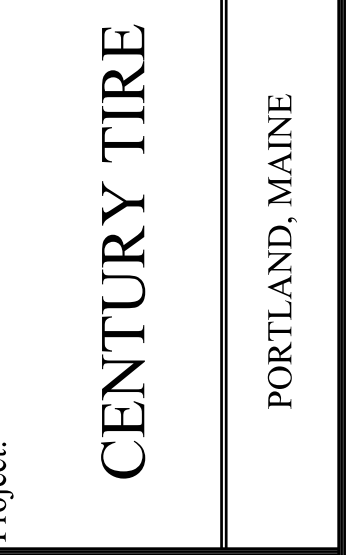
Prepared For:



Consulting Engineer:



Architect:



Project:

Scale:	As Noted
Revisions:	

MECHANICAL SCHEDULES, DETAILS AND LEGEND

M2.01