SYMBOLS AND ABBREVIATIONS

AC	AIR CONDITIONING	HC	HEATING CONTRACTOR
AD	ACCESS DOOR	HRU	HEAT RECOVERY UNIT
AFF	ABOVE FINISH FLOOR	IER	INVERTED ECCENTRIC REDUCER
AH	AIR HANDLER	L	LOUVER
AP	ACCES PANEL	LAT	LEAVING AIR TEMPERATURE
APD	AIR PRESSURE DROP	LDB	LEAVING DRY BULB
ATC	AUTOMATIC TEMP. CONTROL	LWB	LEAVING WET BULB
BD	BACKDRAFT DAMPER	MBH	THOUSAND BTU PER HOUR
CD	CONDENSATE DRAIN	MD	MANUAL DAMPER
CFH	CUBIC FEET PER HOUR	MOD	MOTOR OPERATED DAMPER
CFM	CUBIC FEET PER MINUTE	NTS	NOT TO SCALE
CP	CONDENSATE PUMP	OA	OUTDOOR AIR
D	DRAIN	OD	OUTSIDE DIMENSION
DIW	DOWN IN WALL	OU	OUTDOOR UNIT
DSD	DUCT SMOKE DETECTOR	PC	PLUMBING CONTRACTOR
EAT	ENTERING AIR TEMPERATURE	R	RETURN
EC	ELECTRICAL CONTRACTOR	RG	RETURN/RELIEF GRILLE
EDB	ENTERING DRY BULB	RR	RETURN REGISTER
EF	EXHAUST FAN	S	SUPPLY
EG	EXHAUST GRILLE	SA	SUPPLY AIR
ER	EXHAUST REGISTER	SC	SITE CONTRACTOR
ESP	EXTERNAL STATIC PRESSURE	SG	SUPPLY GRILLE
EWB	ENTERING WET BULB	SP	STATIC PRESSURE
FCV	FLOW CONTROL VALVE	SR	SUPPLY REGISTER
FD	FIRE DAMPER	TC	TEMPERATURE CONTROL
FO	FUEL OIL	TSP	TOTAL STATIC PRESSURE
FOR	FUEL OIL RETURN	T'STAT	THERMOSTAT
FOS	FUEL OIL SUPPLY	TV	TURNING VANE
FV	FACE VELOCITY	VI	VIBRATION ISOLATOR
GC	GENERAL CONTRACTOR	VRF	VARIABLE REFRIGERANT FLOW

(T)	THERMOSTAT
(T)	THERMOSTAT WITH GUARD
	MANUAL DAMPER
	FLEXIBLE DUCT
	LAY-IN DIFFUSER
	SURFACE MOUNT DIFFUSER
	SUPPLY AIR DUCT
	RETURN / RELIEF AIR DUCT

6"x4" DUCT TO EACH INDIVIDUAL SUPPLY REGISTER.
4"Ø DUCT TO EACH INDIVIDUAL EXHAUST REGISTER
ALL SUPPLY REGISTERS SERVING LIVING UNITS TO BE 6"x4", 75 CFM
ALL EXHAUST REGISTERS SERVING LIVING UNITS TO BE 6"x4", 50 CFM IN BATHROOMS & 25 CFM IN KITCHENS.
FLEXIBLE DUCTWORK IS NOT PERMITTED OTHER THAN FINAL TERMINATIONS AT CLOTHES DRYERS.
PIPING AND DUCTWORK WILL BE EXPOSED. INSTALLATION & ARRANGEMENTS TO BE AS NEAT & ORGANIZED AS POSSIBLE

3 THIRD FLOOR PLAN

SCALE: 1/8" = 1'-0" ELEV. 41.55'

PROVIDE A CONDENSATE LIFT PUMP WITH EVERY AIR HANDLER & BCC UNIT. LIFT CONDENSATE AS HIGH AS POSSIBLE THEN DRAIN BY GRAVITY @ 0.10"/LF AS SHOWN. DRAIN LINES TO PARALLEL REFRIGERANT LINES AS MUCH AS POSSIBLE.

DRAINS FROM EACH UNIT TO BE 1" WITH UP TO 2 UNITS ON A 1" LINE. USE 1½" WHERE MORE THAN TWO UNITS ARE CONNECTED.

EACH SINGLE REFRIGERANT LINE SHOWN BETWEEN BCC UNITS AND AIR HANDLERS REPRESENTS BOTH LIQUID AND GAS.

1 FLOOR FIRE DAMPER STYLE "B"

NO SCALE

2 WALL FIRE DAMPER STYLE "B"

NO SCALE

4 SECOND FLOOR PLAN

SCALE: 1/8" = 1'-0" ELEV. 30.05'

1/8" = 1'-0" 0' 2' 4' 6' 8' 16' 24' 32'

MECHANICAL SYSTEMS ENGINEERS
ROYAL RIVER CENTER, UNIT 10B
10 FOREST FALLS DRIVE, YARMOUTH, MAINE 04096
(207) 846-1441
FACEBOOK: MECHANICAL SYSTEMS ENGINEERS

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project name

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Schlotterbeck Block

117 Preble Street
Portland, Maine

Schlotterbeck Block LLC

goduti/thomas architects
44 oak st.
portland, maine 04101
ph. 207-775-3184
fax 207-774-0486

STATE OF MAINE
Kurt F. Magnusson
10257
LICENSED PROFESSIONAL ENGINEER

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