

Tag#	Type	KW	V/∅	Model	Location
CUH-1	Qmark	1.8-4.0	208/1	SSC4008	Utility Room
CUH-2	Qmark	1.8-4.0	208/1	SSC4008	Stair 1
CUH-3	Qmark	1.8-4.0	208/1	SSC4008	Stair 2
CUH-4	Qmark	1.8-4.0	208/1	SSC4008	Entry 1
CUH-5	Qmark	1.8-4.0	208/1	SSC4008	Entry 2
DH-1	TUTCO	1.4	120/1 (12) Amps	R-Series	Apartments Supplemental Heat

Mini Split Indoor Units										
QTY	Tag #	Manufacturer	Model	Cooling Capacity BTUH	Heating Capacity BTUH	SEER	V/∅	MCA	MROPD	Areas Served
21	EVAP. A	DAIKEN	CTXS12HVJU	11500	11500		208/1			LIVING
11	EVAP. B	DAIKEN	FTXS15LVJU	15000	18000		208/1			LIVING
7	EVAP. C	DAIKEN	FTXS18LVJU	18000	21600		208/1			LIVING
53	EVAP. D	DAIKEN	CTXS07LVJU	7000	8500		208/1			BEDROOM

Mini Split Outdoor Units										
QTY	Tag #	Manufacturer	Model	Cooling Capacity BTUH	Heating Capacity BTUH	SEER	V/∅	MCA	MROPD	Areas Served
16	COND. A	DAIKEN	2MXS18GVJU	17000	22000	16.3	208/1	11.1	20	APARTMENT
21	COND. B	DAIKEN	3MXS24JVJU	23600	29400	14.8	208/1	17.8	20	APARTMENT
2	COND. C	DAIKEN	4MXS32GVJU	29800	31200	15.25	208/1	18.0	20	APARTMENT

ERU (Energy Recovery Unit) Schedule																			
TAG	FAN						POWER											MANUFACTURER MODEL #	Service Area
	OA (CFM)	ESP (IN. WG)	Total SP (IN. WG)	EX. (CFM)	ESP (IN. WG)	Total SP (IN. WG)	OA OPER. HP	OA FAN MOTOR HP	OA FAN RPM	EX. FAN OPER. HP	EX. FAN MOTOR HP	EX. FAN RPM	V/∅	MCA	MROPD				
ERU-1	40-110	0.28	0.6	90	0.28	0.6	0.03	0.03	?	0.03	0.03	?	120/1	0.35	15	Renewaire GR-90	Guest Rooms-Corridors		

SPLIT SYSTEM GAS FIRED HVAC UNIT SCHEDULE																				
TAG	INDOOR SECTION										OUTDOOR SECTION									
	EVAPORATOR COIL					GAS FURNACE (MBH)					CONDENSER									
	Nom. Cap. Ton	TOT. MBH	SENS. MBH	MANUFACTURER - MODEL #	CFM	FAN	MBH	POWER	Nom. Cap. Ton	V/∅	MCA	MROPD	MANUFACTURER MODEL #	TAG	Nom. Cap. Ton	V/∅	MCA	MROPD	MANUFACTURER MODEL #	Service Area
HVAC-1	5	57	41	CARRIER - CNPHP6024ATA	2000	ESP. IN	FAN HP	INPUT	OUTPUT	V/∅	MCA	MROPD	BRYANT-925SA66120E24	CU-1	5	208/1	34.2	50	BRYANT-215BNA060000	Retail 1
HVAC-2	3	57	41	CARRIER - CNPHP3624ATA	1200	0.5	1	120,000	117,000	115/1	16.1	20	BRYANT-925SA66120E24	CU-2	3	208/1	34.2	50	BRYANT-215BNA036000	Retail 2

RTU SCHEDULE																						
TAG	SERVICE	MFR	MODEL	OUTDOOR AIR CFM	SUPPLY CFM	EXT SP INWG	TOTAL SP INWG	FAN DIA INCHES	QTY	FAN TYPE	FAN SPEED	DRIVE TYPE	BHP	HP	V/P/C	FLA	MCA	MOP	FUSE	COOLING CAPACITY TONS	HEATING CAPACITY MBH	WEIGHT LBS
RTU-1	CORIDORS	Goodman	GPG1348070M41A	200	1550			11	1		1050			3/4	208-230/1/60	5.8	27.1	32.1	50	4	69000	520

FAN SCHEDULE																	
TAG	SERVICE	MANUFACTURER	MODEL	CFM	EXTERNAL PD (INWG)	FAN RPM	SONES	ELECTRICAL						DAMPER	DISCHARGE	ROOF OPENING	NOTES
								HP	VOLT	PHASE	DRIVE	AMP	WATTS				
EF-1	TRASH	GREENHECK	SP-A200	220	0.125	900	2	0.06	115	1	DIRECT	0.43	48.2	N/A	N/A	N/A	

Design Data			
Winter Design Conditions		Summer Design Conditions	
DB - °F	WB - °F	DB - °F	WB - °F
-9	-15.5	93	71
Floor R value		38	
Wall R value		29	
Roof R value		50	
Window		3.3	
Typical Living Space Heat Load		8500 BTU/HR	
Typical Bedroom Space Heat Load		3500 BTU/HR	
Typical Living Space Cooling Load		13500 BTU/HR	
Typical Bedroom Space Cooling Load		4500 BTU/HR	
Note: See Schedule for specific Equipment Loading Per Space.			
ASHRAE 62.1 Ventilation Rates			
Supply			
1 Bed Apartment		60 CFM	
2 Bed Apartment		85 CFM	
Cooridors		0.06 cfm/ft ²	
Exhaust			
Bathroom		25 cfm	
Kitchen		0.3 cfm/ft ²	
Trash		1.0 cfm/ft ²	

CONSULTANTS



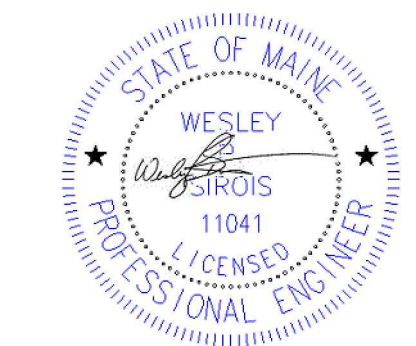
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OWNER

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Portland, ME

Redfern Properties LWS, LLC
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Rev: 1 5/29/13 100% For Construction

MARK DATE DESCRIPTION

SCALE: NTS

PROJECT NO: ----

CAD DWG FILE: WEST END.DWG

DRAWN BY: WPS

CHK'D BY: ###

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SHEET TITLE

Mechanical Schedule

M6-0

SHEET 1 OF 1