Electric Heater Schedule

Tag#	Type	KW	V/Ø	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

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.

Mini Split Indoor Units

QTY	Tag #	Manufacturer	Model	Cooling Capacity BTUH	Heating Capacity BTUH	SEER	V/Ø	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/Ø	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

ASHRAE 62.1 Ventilation Rates

Supply	
1 Bed Appartment	60 CFM
2 Bed Appartment	85 CFM
Cooridors	0.06 cfm/ft²
Exhaust	
Bathroom	25 cfm
Kitchen	0.3 cfm/ft²
Trash	1.0 cfm/ft²

ERU (Energy Recovery Unit) Schedule

	FAN						POWER										
TAG	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/Ø	MCA	MROPD	MANUFACTURER MODEL #	Service Area
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

INDOOR SECTION														OUTDOOR SECTION						
	EVAPORATOR COIL				GAS FURNACE (MBH)										CONDENSER					
					FAN			MBH		POWER						POWER				
TAG	Nom. Cap. Ton	TOT. MBH	SENS. MBH	MANUFACTURER - MODEL #	CFM	ESP. IN	FAN HP	INPUT	OUTPUT	V/Ø	MCA	MROPD	MANUFACTURER MODEL #	TAG	Nom. Cap. Ton	V/Ø	MCA	MROPD	MANUFACTURER MODEL #	Service Area
HVAC-1	5	57	41	CARRIER - CNPHP6024ATA	2000	0.5	1	120,000	117,000	115/1	16.1	20	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 CAPCITY 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

								ELECTRICAL									
TAG	SERVICE	MANUFACTURER	MODEL	CFM	EXTERNAL PD (INWG)	FAN RPM	SONES	HP	VOLT	PHASE	DRIVE	AMP	WATTS	DAMPER	DISCHARGE	ROOF OPENING	NOTES
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	

CONSULTANTS

RM

Ranor P
P.O. Bo
962 Ma
North J

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 08/13/14

OWNER

West End Place

44 Pine St.
Portland, ME

Redfern Properties LWS, LLC
361 US Route 1
Falmouth, ME 04105

STATE OF MAINE
WESLEY SIKOIS
11041
LICENSED
PROFESSIONAL ENGINEER

Rev.	DATE	DESCRIPTION
1	5/28/13	100% For Construction

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