Reviewed for Code Compliance
Approved as Noted
Authorized Signature
Date: 09/06/16

VRF SYSTEM HEAT PUMP SCHEDULE

INDOOR UNIT								OUTDOOR UNIT								NOTES:
TAG	STYLE	NOM. COOLING CAPACITY BTUH	NOM. HEATING CAPACITY BTUH	SUPPLY AIR CFM	MCA	V/PH/HZ	INDOOR UNIT MODEL NO.	TAG	MCA	MOCP	V/PH/HZ	WT (LB)	NOMI. CAPACITY: TOTAL COOLING CAPACITY BTUH	NOMI. CAPACITY: TOTAL HEATING CAPACITY BTUH	OUTDOOR SECTION MODEL NO.	
HP-1	CASSETTE	15,000	18,000	290	1	208/1/60	MITSUBISHI SLZ-KA15NA	CU-1	29.9	40	208/1/60	189	28,400	28,600	MITSUBISHI MXZ-3C30NAHZ	1,2
HP-2	CASSETTE	15,000	18,000	290	1	208/1/60	MITSUBISHI SLZ-KA15NA									

NOTES:
1. CORRECTED OUTDOOR UNIT HEATING CAPACITY BASED ON OUTDOOR AIR TEMPERATURE OF -4oF
2. PROVIDE CONDENSING UNIT SNOW STAND, 24" HIGH QUICK SLING SUPER STAND, OR EQUAL.

ELECTRIC DUCT COIL SCHEDULE

TAG	SERVES	TYPE	SIZE	AIR DATA: CFM	AIR DATA: TEMP RISE °F	ELECTRICAL DATA: kW	ELECTRICAL DATA: STAGES	ELECTRICAL DATA: VOLTS	ELECTRICAL DATA: PHASE	TYPICAL UNIT MFG. & MODEL NO.	NOTES:
HC-1	ERV-1	OPEN COIL	10" x 10"	270	25	2	MODULATING	120	1	NEPTRONIC	1,2

NOTES: 1. PROVIDE W/ SCR CONTROLS, AIRFLOW PROVING SWITCH AND DUCT STAT.

ELECTRIC HEATER SCHEDULE

TAG	LOCATION	TYPE	MOUNTING	AIR DATA: CFM	AIR DATA: AIR TEMP RISE °F	ELECTRICAL DATA: W	ELECTRICAL DATA: VOLTS	ELECTRICAL DATA: PHASE	TYPICAL UNIT MFG. & MODEL NO.	NOTES:
EH-1	BATHROOM 105	CEILING HEATER	RECESSED (CEILING)	40	60	750	120	1	INDEECO CLI #941U0750B	1,2

NOTES:
1. PROVIDE WITH WHITE FINISH.
2. PROVIDE WITH FACTORY-MOUNTED DISCONNECT SWITCH.

AIR CURTAIN SCHEDULE

TAG	LOCATION	LENGTH IN	CFM	ELECTRICAL DATA: FAN MOTORS QTY	ELECTRICAL DATA: FAN MOTORS HP	ELECTRICAL DATA: FLA	ELECTRICAL DATA: V/PH/HZ	TYPICAL UNIT MFG. & MODEL NO.	NOTES:
AC-1	PHARMACY 101	42"	1,580	1	0.5	5.1	115/1/60	MARS PH1042-1UA-PW	1,2

NOTES:
1. FOR CONCEALED INSTALLATION.
2. PROVIDE DOOR SWITCH.

ENERGY RECOVERY VENTILATOR SCHEDULE

TAG	EXHAUST AIR: FLOW (CFM)	EXHAUST AIR: EXTERNAL SP IN W.C.	EXHAUST AIR: FILTER TYPE	SUPPLY AIR: FLOW (CFM)	SUPPLY AIR: EXTERNAL SP IN W.C.	SUPPLY AIR: FILTER TYPE	ELECTRICAL: V/PH/HZ	ELECTRICAL: MCA	ELECTRICAL: MOCP	TYPICAL UNIT MFG & MODEL NO.	NOTES:
ERV-1	250	0.5"	MERV 6	270	0.5"	MERV 6	208/1/60	1.8	15	MITSUBISHI LOSSNAY LGH-F300RX5	1

NOTES: OR EQUAL BY RENEWAIRE.

REGISTER, DIFFUSER & GRILLE SCHEDULE

TAG	CFM	NECK SIZE	TYPE	DP	MAX NC	TYPICAL UNIT MFG & MODEL NO.	NOTES
S-1	0-40	4"	SQUARE PLAQUE DIFFUSER	0.03	<20	PRICE SPD	1,2
S-2	45-100	8"	SQUARE PLAQUE DIFFUSER	0.03	<20	PRICE SPD	3
E-1	0-250	12"x12"	LOUVERED EXHAUST GRILLE	0.07	<20	PRICE 535	1

NOTES:
1. PROVIDE SHEETMETAL PLATE, MATCHED TO DIFFUSER FINISH FOR CEILING GRID MOUNTING.
2. 12" x 12" DIFFUSER
3. 24" x 24" DIFFUSER

REV	DESCRIPTION	DATE
0	PERMIT SET	7-1-16

PERMIT SET
7-1-16

CURRENT ISSUE STATUS:

PROJECT NORTH:

STATE OF MAINE
CALEB J. MILLIKEN
No. 12274
LICENSED PROFESSIONAL ENGINEER
9/1/16

SMRT Architects and Engineers
144 Fore Street
Portland, Maine 04104
1.877.700.7678
www.smrtinc.com
ARCHITECTURE | ENGINEERING | PLANNING | INTERIORS | ENERGY

MILLER DRUG FITUP
MERCY FORE RIVER MOB

195 Fore River Parkway, Portland, ME 04102

FIRST FLOOR HVAC
DUCTWORK & PIPING PLAN

SHEET TITLE:

0 1/4" 1/2" 1" 2" 3"

SCALE: AS NOTED

PROJECT MANAGER:	KD	PROJECT NO:	16087
A/E OF RECORD:	CJH		
JOB CAPTAIN:	SHK		
DRAWN BY:	CWF		
SMRT FILE:	MH101-16087	SHEET No.	MH101

© COPYRIGHT 2015 SMRT INC.

22x34