

BOILER SCHEDULE							
TAG	INPUT CAPACITY (MBH)	OUTPUT CAPACITY (MBH)	FLOW RATE	FLUID TEMPERATURE		BASIS OF DESIGN	MODEL
B-1	1750	1684	120 GPM	110 °F	140 °F	LOCHINVAR	FBN1751
B-2	1750	1684	120 GPM	110 °F	140 °F	LOCHINVAR	FBN1751

- NOTES:
- SEE ELECTRICAL DRAWINGS FOR VOLTAGE REQUIREMENTS AND DISCONNECT MEANS.
 - ALL UNITS TO BE INTEGRATED INTO THE EXISTING BUILDING AUTOMATION SYSTEM BY THE OWNER'S CONTROLS CONTRACTOR (CMI). THE MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND SCHEDULE WORK WITH CMI.
 - PROVIDE ALL UNITS WITH THE MANUFACTURER'S VARIABLE SPEED ECM PRIMARY PUMP. BASIS OF DESIGN IS LOCHINVAR 100277760.
 - PROVIDE ALL UNITS WITH GAS PRESSURE REGULATORS, CONDENSATE NEUTRALIZING KITS, AND VENTS PER THE MANUFACTURER'S INSTRUCTIONS.

ROOFTOP HEAT PUMP UNIT SCHEDULE																	
TAG	AIR CAPACITY CFM		NOMINAL FAN HP	ESP INCHES WG	COOLING CAPACITY @ 95°F OA					HEATING CAPACITY @ 47°F OA				FILTERS	MINIMUM EFF @ AHRI COND	BASIS OF DESIGN	MODEL
	TOTAL	OA (MIN)			TOTAL MBH	SENS MBH	ENTERING AIR DB °F	WB °F	LEAVING AIR DB °F	WB °F	HEAT PUMP CAPACITY MBH	EAT °F	LAT °F				
RTU-1	800	160	.5	0.50	23.3	17.4	80.0 °F	67.0 °F	60.0 °F	58.0 °F	22.6	60.0 °F	86.0 °F	2.8	2" FRAME	15 SEER	TRANE SWCZ5024

- NOTES:
- SEE ELECTRICAL DRAWINGS FOR VOLTAGE REQUIREMENTS AND DISCONNECT MEANS.
 - ALL UNITS TO BE INTEGRATED INTO THE EXISTING BUILDING AUTOMATION SYSTEM BY THE OWNER'S CONTROLS CONTRACTOR (CMI). THE MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND SCHEDULE WORK WITH CMI.
 - PROVIDE A ROOFTOP CURB ADAPTER, FIELD VERIFY THE DIMENSIONS OF THE EXISTING CURB.

AIR HANDLING UNIT SCHEDULE																										
AIR CAPACITY CFM		SUPPLY FAN			RELIEF FAN		HOT WATER PRE-HEAT COIL						DX COOLING COIL						FILTER EFFICIENCY	MAX OPERATING WEIGHT	BASIS OF DESIGN	MODEL				
TAG	TOTAL	O/A (MIN)	NOMINAL FAN HP	E.S.P.	T.S.P.	FAN HP	E.S.P.	CAPACITY SENS MB	EAT °F	LAT °F	EWI °F	LWT °F	FLOW	VELOCITY (FPS)	AIR PD (IN W.G.)	TOTAL MBH	SENS. MBH	ENTERING AIR D.B. °F					W.B. °F	LEAVING AIR D.B. °F	W.B. °F	COIL # OF ROWS
AHU-1	18,300	4,250	30	2.50 in-wg	4.28 in-wg	5	0.75 in-wg	353	48 °F	66 °F	140 °F	81 °F	12 GPM	0.47	0.24 in-wg	951.2	528.7	80 °F	70 °F	54 °F	54 °F	6	MERV 8 / 14 COMBO	11,866 lb	TRANE	SLHPP754C
AHU-2	18,300	4,250	30	2.50 in-wg	4.28 in-wg	5	0.75 in-wg	353	48 °F	66 °F	140 °F	81 °F	12 GPM	0.47	0.24 in-wg	951.2	528.7	80 °F	70 °F	54 °F	54 °F	6	MERV 8 / 14 COMBO	11,866 lb	TRANE	SLHPP754C
AHU-3	13,150	3,000	15	2.50 in-wg	3.61 in-wg	5	0.75 in-wg	265	48 °F	67 °F	140 °F	87 °F	10 GPM	0.39	0.23 in-wg	664.1	372.8	80 °F	70 °F	54 °F	54 °F	4	MERV 8 / 14 COMBO	10,241 lb	TRANE	SLHPP554C
AHU-4	13,150	3,000	15	2.50 in-wg	3.61 in-wg	5	0.75 in-wg	265	49 °F	67 °F	140 °F	87 °F	10 GPM	0.39	0.23 in-wg	664.1	372.8	80 °F	70 °F	54 °F	54 °F	4	MERV 8 / 14 COMBO	10,241 lb	TRANE	SLHPP554C

- NOTES:
- SEE ELECTRICAL DRAWINGS FOR VOLTAGE REQUIREMENTS. PROVIDE UNITS WITH INTEGRAL DISCONNECTS AND UN-POWERED CONVENIENCE OUTLETS.
 - UNITS SHALL BE PROVIDED WITH SUPPLY FAN VFD'S FROM THE FACTORY.
 - UNITS SHALL BE PROVIDED WITH THE MANUFACTURER'S INTEGRAL CONTROLLER MEETING THE SEQUENCE OUTLINED AND OFFERING A NON-PROPRIETARY INTERFACE. BACNET INTEGRATION SHALL BE BY THE CAMPUS CONTROLS CONTRACTOR (CMI), HIRED DIRECTLY BY THE OWNER. THE MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING WORK WITH CMI.
 - PROVIDE ALL UNITS WITH A DELEGATED WIND AND VIBRATION ISOLATION MOUNTING DESIGN TO SECURE THE UNITS TO THE EXISTING CURBS.
 - PROVIDE ALL UNITS WITH EBTRON AIR IQ2 AIRFLOW MONITORING STATIONS AND DAMPERS ON THE OUTSIDE AND RELIEF AIR HOODS.
 - PROVIDE ALL UNITS WITH ENTHALPY ECONOMIZER CONTROL.

