

PUMP SCHEDULE													
TAG	SERVICE	MECHANICAL					RATED EFFICIENCY	ELECTRICAL			INLET SIZE	OUTLET SIZE	COMMENTS
		FLUID	TEMP.	RPM	FLOW	HEAD PRESSURE		MOTOR	VOLTAGE	PHASE			
P-1	HEATING WATER DISTRIBUTION	WATER	82 °C	1800	7.6 L/s	150.0 kPa	64.2%	11.19 kW	600 V	3	80 mm	80 mm	VERTICAL INLINE PUMP. SPACER COUPLED
P-2	HEATING WATER DISTRIBUTION	WATER	82 °C	1800	7.6 L/s	150.0 kPa	64.2%	11.19 kW	600 V	3	80 mm	80 mm	VERTICAL INLINE PUMP. SPACER COUPLED
P-B1	BOILER CIRC PUMP	WATER	82 °C	3600	3.9 L/s	3.0 kPa	-	0.30 kW	120 V	1	40 mm	40 mm	ASSOCIATED WITH BOILER B-1
P-B2	BOILER CIRC PUMP	WATER	82 °C	3600	3.9 L/s	3.0 kPa	-	0.30 kW	120 V	1	40 mm	40 mm	ASSOCIATED WITH BOILER B-2

FAN SCHEDULE																													
TAG	SERVICE	MODEL	FAN CLASS	FAN ARR.	MECHANICAL				ELECTRICAL				INLET dB								OUTLET dB								COMMENTS
					AIR FLOW	AIR TEMP	STATIC PRESSURE	RPM	MOTOR H.P.	BREAK H.P.	VOLTAGE	PHASES	63	125	250	500	1k	2k	4k	8k	63	125	250	500	1k	2k	4k	8k	
RF-AHU-1	R/A	INLINE MIXED FLOW	1	9	6800 L/s	22 °C	385.0 Pa	790	5.59 kW	3.82 kW	575 V	3	81	88	80	76	75	72	66	60	84	87	81	82	78	74	67	61	C/W MATCHED INLET SILENCER

FILTER SCHEDULE									
TAG	SERVICE	FILTER ARRAY	NUMBER OF MODULES	FILTER SIZE	TYPE	TOTAL AIR FLOW	AIR FLOW PER MODULE	FILTER EFFICIENCY	COMMENTS
FF-AHU-1	FINAL FILTER	2H x 4.5W	10	610 mm x 610 mm x 50 mm	PLEATED	8500 L/s	850 L/s	MERV 8	
PF-AHU-1	PRE-FILTER	2H x 4.5W	10	610 mm x 610 mm x 610 mm	PANEL	8500 L/s	850 L/s	MERV 13	

BOILER SCHEDULE										
TAG	SERVICE	NATURAL GAS			HEATING FLUID				RATED EFFICIENCY	COMMENTS
		INPUT	PRES.	OUTPUT	TYPE	ENTERING TEMP.	LEAVING TEMP.	P. DROP	FLOW	
B-1	HEATING WATER	322 kW	1.8 kPa	274 kW	WATER	71 °C	88 °C	8.1 kPa	3.9 L/s	85% THERMAL
B-2	HEATING WATER	322 kW	1.8 kPa	274 kW	WATER	71 °C	88 °C	8.1 kPa	3.9 L/s	85% THERMAL

GENERAL NOTES:

1. DRAWINGS SHOWN ON THIS SHEET REPRESENT LIVING UNIT #1 OF 5. ROOM LAYOUT IS GENERALLY THE SAME BETWEEN BUILDINGS BUT SLIGHT VARIATIONS BETWEEN SPACES MAY EXIST. CONFIRM ALL DIMENTIONS AND ARRANGEMENTS ON SITE BEFORE FABRICATION AND INSTALLATION.

EXPANSION TANK SCHEDULE				
TAG	SERVICE	Tank Volume	WORKING PRES.	PRECHARGED PRES.
TK-1	HEATING WATER EXPANSION	300.0 L	861.8 kPa	98.6 kPa

COIL SCHEDULE															
TAG	SERVICE	ARRAY	TOTAL COILS	MANUFACTURER	DRY SIDE				WET SIDE						
					AIR FLOW	AIR FLOW PER COIL	P. DROP	E.A.T. (DB)	L.A.T. (DB)	FLUID	FLOW	E.T.	L.T.	P. DROP	CAPACITY
HC-AHU-1	HEATING COIL	2 H x 1 W	2	TRANE	8500 L/s	4250 L/s	30.0 Pa	12 °C	29 °C	Water	3.6 L/s	88 °C	77 °C	16.5 kPa	165 kW

SILENCER SCHEDULE																		
TAG	SERVICE	DIMMENTIONS				AIR			ATTENUATION								COMMENTS	
		WIDTH	HEIGHT	DIAMETER	LENGTH	FLOW	VELOCITY	P. DROP	63	125	250	500	1k	2k	4k	8k		
SI-RF-AHU1	RETURN AIR INTAKE SILENCER			850	1500	6800 L/s	-15.0 m/s	19.0 Pa	7	9	14	19	23	22	15	7	CIRCULAR FILM LINED SILENCER	

