

SILENCER SCHEDULE																
TAG	LOCATION	SIZE WxH (mmxmm)	LENGTH (mm)	AIRFLOW (L/S)	AIR VELOCITY (M/S)	PRESSURE DROP (Pa)	DYNAMIC INSERTION LOSS								BASIS OF DESIGN	REMARKS
							63	125	250	500	1000	2000	4000	8000		
SIL-1	BAY 3	2200 x 800	3000	14150	8	50	17	21	26	36	25	18	16	13	KINETICS	RETURN
SIL-2	BAY 3	2200 x 800	3000	14150	8	50	17	21	26	36	25	18	16	13	KINETICS	RETURN
SIL-3	BAY 3	900 x 900	2400	3537	4	45	9	19	34	49	50	51	28	20	KINETICS	SUPPLY
SIL-4	BAY 3	1200 x 700	2400	3537	4	45	12	20	30	47	50	39	23	18	KINETICS	SUPPLY
SIL-5	BAY 3	1200 x 700	2400	3537	4	45	12	20	30	47	50	39	23	18	KINETICS	SUPPLY
SIL-6	BAY 3	1200 x 700	2400	3537	4	45	12	20	30	47	50	39	23	18	KINETICS	SUPPLY
<u>NOTES:</u> 1. SILENCER PERFORMANCE LISTED ABOVE IS TO FORM THE BASIS OF DESIGN AND SILENCER MANUFACTURER SHALL MEET OR EXCEED THIS EQUIPMENT SOUND POWER LEVELS.																

AIR HANDLING UNIT SCHEDULE (AIR HANDLING UNITS SUPPLIED BY DEPARTMENTAL REPRESENTATIVE)																	
TAG	LOCATION	SUPPLY FAN			RETURN FAN			COOLING DATA (CHILLED WATER)			HEATING DATA (HOT WATER)		ELECTRICAL DATA		PHYSICAL DIMENSIONS WxLxH (mmxmmxmm)	WEIGHT (KG)	REMARKS
		CAPACITY (L/S)	EXTERNAL STATIC PRESSURE (Pa)	POWER (kW)	CAPACITY (L/S)	EXTERNAL STATIC PRESSURE (Pa)	POWER (kW)	NET COOLING CAPACITY (kW)	NET SENSIBLE COOLING CAPACITY (kW)	FLUID FLOW RATE (L/S)	CAPACITY (kW)	FLUID FLOW RATE (L/S)	V/Ø/Hz	FLA/MCA/MOP			
AHU-7	MECHANICAL ROOM M6	14158	438	22	14158	250	2x 12	372	261	16	262	5.7	575/3/60	-/-/-	3188x12754x2439	7652	UNIT C/W COOLING COIL, CONTRACTOR TO PROVIDE EXTERNAL BYPASS AS PART OF CONTRACT. REFER TO PLANS FOR DETAILS.
AHU-8	MECHANICAL ROOM M6	14158	438	22	14158	250	2x 12	372	261	16	262	5.7	575/3/60	-/-/-	3188x12754x2439	7652	UNIT C/W COOLING COIL, CONTRACTOR TO PROVIDE EXTERNAL BYPASS AS PART OF CONTRACT. REFER TO PLANS FOR DETAILS.
<div>NOTES: 1. CHILLED WATER: EWT = 7.2°C, LWT = 12.7°C 2. HOT WATER: EWT = 82.2°C, LWT = 71.1°C</div>																	

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	EXISTING PIPING/DUCTWORK/EQUIPMENT
	EXISTING PIPING/DUCTWORK/EQUIPMENT TO BE REMOVED/RELOCATED
	NEW/RELOCATED PIPING/DUCTWORK/EQUIPMENT
(E)	DEMOTES EXISTING EQUIPMENT
(X)	DEMOTES EXISTING EQUIPMENT TO BE REMOVED
(R)	DEMOTES RELOCATED EQUIPMENT
(N)	DEMOTES NEW EQUIPMENT
	BELOW GRADE/SLAB PIPING
—SA—	SUPPLY AIR
—RA—	RETURN AIR
—OA—	OUTDOOR AIR
—EA—	EXHAUST AIR
—DCW—	DOMESTIC COLD WATER PIPING
—SAN—	SANITARY PIPING
—ST—	STORM PIPING
—COND—	CONDENSATE DRAIN PIPING
—HWS—	HEATING WATER SUPPLY PIPING
—HWR—	HEATING WATER RETURN PIPING
—CHWS—	CHILLED WATER SUPPLY PIPING
—CHWR—	CHILLED WATER RETURN PIPING
—STEAM—	STEAM PIPING
	PIPING UP
	PIPING DOWN
	PIPING OFFSET
	BRANCH PIPING DOWN
	FLOOR DRAIN
	CAP
	PIPE BREAK
—HB-1	HOSE BIBB
	STRAINER
	UNION
	REDUCER
	FLOW DIRECTION
	RUNNING P-TRAP
	BALL VALVE
	ISOLATION VALVE
	CHECK VALVE
	CIRCUIT BALANCING VALVE (CBV)
	PRESSURE REDUCING VALVE (PRV)
	DRAIN VALVE
	3-WAY CONTROL VALVE (DDC)
	PUMP
	THERMOMETER
	PRESSURE GAUGE
	AUTOMATIC AIR VENT C/W VALVE
	RECTANGULAR DUCTWORK
	ROUND DUCTWORK
	ACOUSTICALLY LINED DUCTWORK
	THERMALLY INSULATED DUCTWORK
	RECTANGULAR DUCTWORK OFFSET
	ROUND DUCTWORK OFFSET
	DUCTWORK UP
	DUCTWORK DOWN
	DUCTWORK TRANSITION
	RECTANGULAR TO ROUND DUCTWORK TRANSITION
	TURNING VANES
	FIRE DAMPER
	BALANCING DAMPER
	TEMPERATURE SENSOR
	HUMIDITY SENSOR
	PRESSURE SENSOR
	LOW VOLTAGE CONTROL WIRING
RTU	ROOFTOP UNIT

