RADIANT PANEL SCHEDULE

NO.	LOCATION	MAKE	MODEL	ENCLOSURE HEIGHT IN (mm)	# OF ROWS	CENTERS IN (mm)	CAPACITY BTUH (kw)	FLOW GPM (l/s)	THERMOFLUID			EWT °F (°C)	LWT °F (°C)	REMARKS
									Y/N	%	TYPE			
RP-1	1:06 FAMILY CHANGE ROOM	TWA	--	(--)	4	(--)	652 (0.19)	0.07 (0.0044)	NO			120 (48.8)	100 (37.7)	--
RP-2	1:06 FAMILY CHANGE ROOM	TWA	--	(--)	4	(--)	652 (0.19)	0.07 (0.0044)	NO			120 (48.8)	100 (37.7)	--

WALLFIN SCHEDULE

NO.	LOCATION	MAKE	MODEL	ENCLOSURE MODEL	ENCLOSURE MOUNTING HEIGHT ABOVE GROUND IN (mm)	LENGTH (FT)	# OF ROWS	CENTERS IN (mm)	CAPACITY BTUH (kw)	FLOW GPM (l/s)	THERMOFLUID			EWT °F (°C)	LWT °F (°C)	REMARKS
											Y/N	%	TYPE			
WF-1	1:15 MPR	RITTLING	1S-4 ¼ X 4 ¼ -48 ⅜ ø TUBE	FS, 5-3/8" DEEP 20" HIGH	4 (100)	17	2	-- (--)	11,200 (--)	1.1 (--)	NO			125 (51.66)	100 (40.6)	WALL FIN CABINETS SHALL BE C/W ALL END CAPS, CORNERS, ACCESS PANELS ETC TO PROVIDE A COMPLETE & FINISHED PRODUCT. PROVIDE WAL-TO-WALL CABINETS WHERE SHOWN ON PLANS.
WF-2	1:14A POOL DECK	RITTLING	1S-4 ¼ X 4 ¼ -48 1" ø TUBE	FS, 5-3/8" DEEP 20" HIGH	4 (100)	150	2	-- (--)	96,900 (--)	9.6 (--)	NO			125 (51.66)	100 (40.6)	WALL FIN CABINETS SHALL BE C/W ALL END CAPS, CORNERS, ACCESS PANELS ETC TO PROVIDE A COMPLETE & FINISHED PRODUCT. PROVIDE WAL-TO-WALL CABINETS WHERE SHOWN ON PLANS.
WF-3	B:04 HALL	RITTLING	1S-4 ¼ X 4 ¼ -48 ⅜ ø TUBE	FS, 5-3/8" DEEP 20" HIGH	4 (100)	3	2	-- (--)	2,000 (--)	0.2 (--)	NO			125 (51.66)	100 (40.6)	WALL FIN CABINETS SHALL BE C/W ALL END CAPS, CORNERS, ACCESS PANELS ETC TO PROVIDE A COMPLETE & FINISHED PRODUCT. PROVIDE WAL-TO-WALL CABINETS WHERE SHOWN ON PLANS.
WF-4	B:07 HALL	RITTLING	1S-4 ¼ X 4 ¼ -48 ⅜ ø TUBE	FS, 5-3/8" DEEP 20" HIGH	4 (100)	1.5	2	-- (--)	1,000 (--)	0.1 (--)	NO			125 (51.66)	100 (40.6)	WALL FIN CABINETS SHALL BE C/W ALL END CAPS, CORNERS, ACCESS PANELS ETC TO PROVIDE A COMPLETE & FINISHED PRODUCT. PROVIDE WAL-TO-WALL CABINETS WHERE SHOWN ON PLANS.
WF-5	SAUNA	RITTLING	1S-4 ¼ X 4 ¼ -48 ⅜ ø TUBE	FS, 5-3/8" DEEP 20" HIGH	4 (100)	8	2	-- (--)	5,300 (--)	0.5 (--)	NO			125 (51.66)	100 (40.6)	WALL FIN CABINETS SHALL BE C/W ALL END CAPS, CORNERS, ACCESS PANELS ETC TO PROVIDE A COMPLETE & FINISHED PRODUCT. PROVIDE WAL-TO-WALL CABINETS WHERE SHOWN ON PLANS.

CABINET UNIT HEATER SCHEDULE

NO.	LOCATION	MAKE	MODEL	AIRFLOW CFM (l/s)	EXTERNAL STATIC PRESS. IN. H_2O (pa)	HEATING CAPACITY BTUH (kw)	THERMOFLUID			FLOW GPM (l/s)	EWT °F (°C)	LWT °F (°C)	FLUID PRESSURE DROP IN. H_2O (pa)	POWER					REMARKS
							Y/N	%	TYPE					V/ø	FEEDER	COND	BRKR	CCT	
CUH-1A	1:01 VESTIBULE	DAIKIN	FHVS108	834 (393)	-- (--)	30,665 (9)	YES	50%	PG	3.2 (0.2)	120 (48.8)	100 (37.7)	4.8 (1,194)	120V/1ø	2#12	3/4" (21MM)	15A/1P	EXISTING PANEL	--
CUH-1B	1:01 VESTIBULE	DAIKIN	FHVS108	834 (393)	-- (--)	30,665 (9)	YES	50%	PG	3.2 (0.2)	120 (48.8)	100 (37.7)	4.8 (1,194)	120V/1ø	2#12	3/4" (21MM)	15A/1P	EXISTING PANEL	--
CUH-2	ST-1 STAIR	DAIKIN	FHVS108	834 (393)	-- (--)	30,665 (9)	YES	50%	PG	3.2 (0.2)	120 (48.8)	100 (37.7)	4.8 (1,194)	120V/1ø	2#12	3/4" (21MM)	15A/1P	EXISTING PANEL	--
CUH-3	ST-2 STAIR	DAIKIN	FHVS108	834 (393)	-- (--)	30,665 (9)	YES	50%	PG	3.2 (0.2)	120 (48.8)	100 (37.7)	4.8 (1,194)	120V/1ø	2#12	3/4" (21MM)	15A/1P	EXISTING PANEL	--

POOL HEATER SCHEDULE

NO.	LOCATION	MAKE	MODEL	HEATER CAPACITY kW	MINIMUM FLOW RATE GPM	MAXIMUM FLOW RATE GPM	UNIT WEIGHT LBS (kG)	POWER						REMARKS
								EM	V/ø	FEEDER	COND	BRKR	CCT	
PH-1A	BASEMENT MECHANICAL ROOM, FOR POOL A (DEEP)	COATES	36054PHS	54	20	80	90 (40.8)	-- (--)	600V/3ø	3#4	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING. COMPLETE WITH BACNET PROVIDE LOW WATER CUT OFF AND INTERNAL OUTPUT CONTROLS.
PH-1B	BASEMENT MECHANICAL ROOM, FOR POOL A (DEEP)	COATES	36054PHS	54	20	80	90 (40.8)	-- (--)	600V/3ø	3#4	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING. COMPLETE WITH BACNET PROVIDE LOW WATER CUT OFF AND INTERNAL OUTPUT CONTROLS.
PH-1C	BASEMENT MECHANICAL ROOM, FOR POOL A (DEEP)	COATES	36054PHS	54	20	80	90 (40.8)	-- (--)	600V/3ø	3#4	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING. COMPLETE WITH BACNET PROVIDE LOW WATER CUT OFF AND INTERNAL OUTPUT CONTROLS.
PH-2A	BASEMENT MECHANICAL ROOM, FOR POOL B (SHALLOW)	COATES	36054PHS	54	20	80	90 (40.8)	-- (--)	600V/3ø	3#4	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING. COMPLETE WITH BACNET PROVIDE LOW WATER CUT OFF AND INTERNAL OUTPUT CONTROLS.
PH-2B	BASEMENT MECHANICAL ROOM, FOR POOL B (SHALLOW)	COATES	36054PHS	54	20	80	90 (40.8)	-- (--)	600V/3ø	3#4	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING. COMPLETE WITH BACNET PROVIDE LOW WATER CUT OFF AND INTERNAL OUTPUT CONTROLS.
PH-3	BASEMENT MECHANICAL ROOM, FOR HOT TUB	COATES	36057PHS	57	20	80	90 (40.8)	-- (--)	600V/3ø	3#4	1 1/4" (35MM)	70A/3P	MD-1	MANUFACTURER SHALL ENSURE THAT UNITS ARE FACTORY WIRED FOR THE SELECTED VOLTAGE & PHASING. COMPLETE WITH BACNET PROVIDE LOW WATER CUT OFF AND INTERNAL OUTPUT CONTROLS.

ELECTRIC HEATING COIL SCHEDULE

NO.	LOCATION	MAKE	MODEL	AIRFLOW CFM (l/s)	HEATING COIL DATA						CONTROLS							FLA	MCA	MOCP	POWER						REMARKS
					TOTAL kW	EAT DB °F (°C)	LAT DB °F (°C)	SCR (BY MECHANICAL)			INTERLOCK			F.A. SHUT DOWN	DATA CONN.	NOTES	PANEL				EM	V/ø	FEEDER	COND	BRKR	CCT	
								TYPE	STAGES	REMOTE FEEDER	SUPPLY	INSTALL	WITH														
HC-16	EXISTING RTU OPTIONAL HEATING COIL SLOT	LENNOX	TIEH0150-Y	1760 (--)	15	65 (--)	80 (--)	PACK	FULL		MECHANICAL	MECHANICAL	EXISTING RTU	--	--	--		--	--	--	-- (--)	600V/3ø	3#12 R#90	3/4" (21MM)	20A/3P	PANEL 100	C/W HIGH THERMAL CUT OUT, INTEGRATED SCR CONTROLLER, AIR FLOW AND TEMPERATURE SENSORS, AND ALL NECESSARY COMPONENTS TO INSTALL IN EXISTING UNIT OPTIONAL SLOT.

HEATING COIL SCHEDULE

NO.	LOCATION	MAKE	MODEL	AIRFLOW CFM (l/s)	MAXIMUM AIRFLOW PRESSURE DROP IN. (pa)	THERMOFLUID			HEATING COIL DATA							REMARKS
						Y/N	%	TYPE	WATER FLOW GPM (l/s)	TOTAL BTUH (kW)	EAT DB °F (°C)	LAT DB °F (°C)	EWT °F (°C)	LWT °F (°C)	MAX WATER PRESSURE DROP IN. (pa)	
HC-1	MPR HRV-2	DAIKIN	--	165 (78)	0.33 (82)	YES	50	PG	1.29 (--)	12,866 (--)	-40 (-40)	32.2 (0.1)	120 (48.9)	100 (37.7)	4 (996)	--
HC-2	MAIN FLOOR DUCTWORK	DAIKIN	--	317 (150)	0.33 (82)	NO			1.4 (--)	13,695 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-3	MAIN FLOOR DUCTWORK	DAIKIN	--	317 (150)	0.33 (82)	NO			1.4 (--)	13,695 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-4	MAIN FLOOR DUCTWORK	DAIKIN	--	317 (150)	0.33 (82)	NO			1.4 (--)	13,695 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-5	MAIN FLOOR DUCTWORK	DAIKIN	--	317 (150)	0.33 (82)	NO			1.4 (--)	13,695 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-6	MAIN FLOOR DUCTWORK	DAIKIN	--	317 (150)	0.33 (82)	NO			1.4 (--)	13,695 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-7	MAIN FLOOR DUCTWORK	DAIKIN	--	317 (150)	0.33 (82)	NO			1.4 (--)	13,695 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-8	MAIN FLOOR DUCTWORK	DAIKIN	--	275 (130)	0.33 (82)	NO			1.2 (--)	11,880 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-9	MAIN FLOOR DUCTWORK	DAIKIN	--	317 (150)	0.33 (82)	NO			1.4 (--)	13,695 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-10	MAIN FLOOR DUCTWORK	DAIKIN	--	286 (135)	0.33 (82)	NO			1.3 (--)	12,355 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-11	MAIN FLOOR DUCTWORK	DAIKIN	--	286 (135)	0.33 (82)	NO			1.3 (--)	12,355 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-12	MAIN FLOOR DUCTWORK	DAIKIN	--	286 (135)	0.33 (82)	NO			1.3 (--)	12,355 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-13	MAIN FLOOR DUCTWORK	DAIKIN	--	339 (160)	0.33 (82)	NO			1.5 (--)	14,644 (--)	60 (15.5)	100 (37.8)	125 (51)	105 (40)	4 (996)	--
HC-14	BASEMENT DUCTWORK	DAIKIN	--	310 (--)	0.33 (82)	NO			0.6 (0.037)	6,640 (--)	60 (15.5)	75 (23.8)	125 (51)	105 (40)	4 (996)	--
HC-15	BASEMENT DUCTWORK	DAIKIN	--	255 (120)	0.33 (82)	NO			0.5 (0.031)	5,510 (--)	60 (15.5)	75 (23.8)	125 (51)	105 (40)	4 (996)	--
HC-17	HRV-1 SUPPLY DUCT ABOVE POOL	DAIKIN	--	9600 (4528)	0.33 (82)	YES	50%	PG	50 (3.1)	500,000 (--)	-- (--)	75 (23.8)	120 (51)	100 (40)	4 (996)	--
HC-18	MPR HRV-2	DAIKIN	--	165 (78)	0.33 (82)	YES	50	PG	0.45 (--)	4,455 (--)	50 (--)	75 (--)	120 (48.9)	100 (37.7)	4 (996)	--

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MECHANICAL AND ELECTRICAL SCHEDULES

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