FAN COIL SCHEDULE

TAG	SPACE SERVED	MODEL	FAN					COOLING COIL												HEATING COIL									FILTRATION	NOTES
								AIR SIDE						WATER SIDE						AIR SIDE				WATER SIDE						
			DESIGN AIRFLOW (L/S)	DESIGN FAN SPEED	EXTERNAL STATIC PRESSURE (Pa)	# OF FANS	FAN MOTOR (HP)	ENTERING AIR TEMP DB (°C)	ENTERING AIR TEMP WB (°C)	LEAVING AIR TEMP DB (°C)	LEAVING AIR TEMP WB (°C)	NUMBER OF ROWS	AIR PRESSURE DROP (Pa)	DESIGN FLOW RATE (L/S)	ENTERING WATER TEMP (°C)	LEAVING WATER TEMP (°C)	FLUID PRESSURE DROP (kPa)	SENSIBLE COOLING CAPACITY (kW)	TOTAL COOLING CAPACITY (kW)	ENTERING AIR TEMP DB (°C)	LEAVING AIR TEMP DB (°C)	NUMBER OF ROWS	AIR PRESSURE DROP (Pa)	DESIGN FLOW RATE (L/S)	ENTERING WATER TEMP (°C)	LEAVING WATER TEMP (°C)	FLUID PRESSURE DROP (kPa)	HEATING CAPACITY (kW)	FILTER TYPE	NOTES
FC 0-1	EX. ELEV. LOBBY	FHP-20	115	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-2	MAINT. SHOP 052	FHP-20	150	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-3	CORRIDOR C001	FHP-20	115	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-4	RECORDS 062/063	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-5	TELECOM 068	FWI-C-10	210	HIGH	50	2	FRAC	27.2	8.3	11.1	0.8	3	5	0.114	7.2	15.6	7.2	3.9	3.9	NO HEATING COIL									1" Pleated (MERV 13)	2,3,5,6,9
FC 0-6	ST. ENT/STUDY 064	FHP-30	223	HIGH	37	2	FRAC	25.0	17.8	13.1	12.1	3	22	0.158	7.2	15.6	15.0	2.3	2.8	70.0	31.4	1	7	0.0568	60.0	48.9	1.9	2.6	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-7	ENGINEERS OFFICE	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	70.0	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-8	FRONT ENTRY	FNP-16	763	HIGH	75	2	0.25	NO COOLING												70.0	46.1	3	30	0.4669	60.0	48.9	4.6	21.4	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-9	FRONT ENTRY	FNP-16	763	HIGH	75	2	0.25													70.0	46.1	3	30	0.4669	60.0	48.9	4.6	21.4	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 0-10	STORAGE 062/063	FHX-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	70.0	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-1	OFFICE 119	FHP-30	133	MED	72	2	FRAC	25.0	17.8	13.3	12.6	3	10	0.063	7.2	15.6	9.8	1.7	2.2	21.1	28.2	1	10	0.0252	48.9	43.3	0.5	1.0	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-2	OFFICE 121	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-3	OFFICE 118	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-4	OFFICE 116	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-5	OFFICE 114	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-6	OFFICE 112	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-7	OFFICE 110	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-8	OFFICE 108	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-9	WORK STA. C102	FHP-60	337	MED	72	4	FRAC	25.0	17.8	13.9	13.0	3	15	0.145	7.2	15.6	9.9	4.1	5.2	21.1	27.8	1	5	0.0568	48.9	43.3	0.5	2.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-10	WORK STA. C102	FHP-60	337	MED	72	4	FRAC	25.0	17.8	13.9	13.0	3	15	0.145	7.2	15.6	9.9	4.1	5.2	21.1	27.8	1	5	0.0568	48.9	43.3	0.5	2.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-11	BIO-INFO. MTG 120	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-12	OFFICE 122	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-13	OFFICE 124	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-14	OFFICE 128	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-15	OFFICE 106	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-16	OFFICE 115	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-17	OFFICE 117	FHP-30	135	MED	72	2	FRAC	25.0	17.8	13.3	12.6	3	10	0.063	7.2	15.6	10.4	1.7	2.2	21.1	28.2	1	2	0.0252	48.9	43.3	0.5	1.1	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-18	COR, COPY /MAIL/FAX 104	FHP-30	94	MED	100	2	FRAC	25.0	17.8	12.6	12.2	3	5	0.050	7.2	15.6	6.4	1.3	1.7	21.1	28.8	1	2	0.0189	48.9	43.3	0.3	0.8	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-19	MEETING RM 104A	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-20	WORK STA. 127	FHP-60	315	MED	85	4	FRAC	25.0	17.8	13.7	12.8	3	12	0.139	7.2	15.6	9.4	3.9	4.9	21.1	27.9	1	2	0.0505	48.9	43.3	0.4	2.4	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-21	BIO-INFO. WORK CL. 125	FHP-50	283	MED	90	3	FRAC	25.0	17.8	14.3	13.4	3	15	0.114	7.2	15.6	5.6	3.3	4.0	21.1	26.9	1	5	0.0379	48.9	43.3	0.2	1.8	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-22	EX. ENTRANCE 102	FHP-60	354	MED	60	4	FRAC	25.0	17.8	13.0	12.2	3	17	0.265	7.2	15.6	7.2	4.3	5.4	21.1	34.3	1	15	0.1514	48.9	43.3	3.4	5.1	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-23	EX. ENTRANCE 102	FHP-60	354	MED	60	4	FRAC	25.0	17.8	13.0	12.2	3	17	0.265	7.2	15.6	7.2	4.3	5.4	21.1	34.3	1	15	0.1514	48.9	43.3	3.4	5.1	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-24	WORK STA. C102	FHP-60	337	MED	72	4	FRAC	25.0	17.8	13.9	13.0	3	15	0.145	7.2	15.6	9.9	4.1	5.2	21.1	27.8	1	5	0.0568	48.9	43.3	0.5	2.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 1-25	TELECOM 111	FWI-C-10	210	HIGH	50	2	FRAC	27.2	8.3	11.1	0.8	3	5	0.114	7.2	15.6	7.2	3.9	3.9	NO HEATING COIL										2,3,5,6,9
FC 1-26	SECURE AREA 113	FHP-30	145	MED	65	2	FRAC	25.0	17.8	13.5	12.7	3	12	0.069	7.2	15.6	11.0	1.8	2.3	21.1	28.1	1	2	0.0252	48.9	43.3	0.5	1.1	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-1	OFFICE 219	FHP-30	164	MED	50	2	FRAC	25.0	17.8	13.8	12.9	3	15	0.076	7.2	15.6	13.0	2.0	2.6	21.1	27.8	1	5	0.0252	48.9	43.3	0.6	1.2	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-2	OFFICE 221	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-3	OFFICE 218	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-4	OFFICE 216	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-5	OFFICE 214	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-6	OFFICE 212	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-7	OFFICE 210	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-8	OFFICE 208	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-9	CORRIDOR C201	FHP-60	337	MED	72	4	FRAC	25.0	17.8	13.9	13.0	3	15	0.145	7.2	15.6	9.9	4.1	5.2	21.1	27.8	1	5	0.0568	48.9	43.3	0.5	2.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-10	CORRIDOR C201	FHP-60	337	MED	72	4	FRAC	25.0	17.8	13.9	13.0	3	15	0.145	7.2	15.6	9.9	4.1	5.2	21.1	27.8	1	5	0.0568	48.9	43.3	0.5	2.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-11	DG ASSISTANT OFFICE 217	FHP-30	177	MED	37	2	FRAC	25.0	17.8	13.9	13.0	3	15	0.076	7.2	15.6	14.3	2.2	2.7	21.1	27.6	1	5	0.0252	48.9	43.3	0.7	1.3	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-12	DIRECTOR OFFICE 215	FHP-30	160	MED	52	2	FRAC	25.0	17.8	13.7	12.8	3	12	0.025	7.2	15.6	0.6	2.0	2.5	21.1	27.8	1	5	0.0252	48.9	43.3	0.6	1.2	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-13	EA WKSTN 213, PRINT/COPY	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-14	LIBRARY 206	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-15	GRAPHICS PHOTO 220	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-16	COPY/PRINT/COFFEE C205A	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-17	OFFICE 225	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-18	OFFICE 227	FHP-30	118	MED	82	2	FRAC	25.0	17.8	13.0	12.4	3	7	0.057	7.2	15.6	8.6	1.6	2.0	21.1	28.5	1	2	0.0189	48.9	43.3	0.4	1.0	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-19	OFFICE 222	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-20	OFFICE 224	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-21	OFFICE 226	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-22	CORRIDOR C206	FHP-60	380	MED	47	4	FRAC	25.0	17.8	14.2	13.2	3	17	0.158	7.2	15.6	11.7	4.5	5.6	21.1	27.4	1	5	0.0568	48.9	43.3	0.5	2.7	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-23	OFFICE 229	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,9
FC 2-24	OFFICE 230	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-25	CORRIDOR C201	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-26	OFFICE 204	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-27	OFFICE 202	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-28	CORRIDOR C201	FHP-60	337	MED	72	4	FRAC	25.0	17.8	13.9	13.0	3	15	0.145	7.2	15.6	9.9	4.1	5.2	21.1	27.8	1	5	0.0568	48.9	43.3	0.5	2.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC 2-29	MEETING/STUDY 201	FHP-40	165	MED	75	2	FRAC	25.0	17.8	14.1	13.6	4	10	0.063	7.2	15.6	0.7	2.0	2.2	21.1	29.3	1	2	0.0316	48.9	43.3	1.0	1.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC-2-30	ELECTRICAL 236	VFC-3000-15	1,196	N/A	100	1	1.50	24.4	14.4	14.0	10.2	4	35	0.416	7.2	15.6	5.1	14.4	14.6	N0 HEATING COIL									1" Pleated (MERV 13)	2,3,5,6,8,10
FC-2-31	ELECTRICAL 234	VFC-2400-15	970	N/A	100	1	1.50	24.4	14.4	15.2	10.9	4	45	0.303	7.2	15.6	2.1	10.4	10.6	N0 HEATING COIL									1" Pleated (MERV 13)	2,3,5,6,8,10
FC 2-32	TELECOM 211	FWI-C-10	210	HIGH	50	2	FRAC	27.2	8.3	11.1	0.8	3	5	0.114	7.2	15.6	7.2	3.9	3.9	NO HEATING COIL										2,3,5,6,9
FC 2-33	BMS OFFICE	FHP-20	64	MED	45	1	FRAC	25.0	17.8	13.8	13.3	3	5	0.025	7.2	15.6	1.8	0.8	0.9	21.1	28.2	1	2	0.0126	48.9	43.3	0.1	0.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8
FC-3-1	MEETING/STUDY 301	FHP-40	165	MED	75	2	FRAC	25.0	17.8	14.1	13.6	4	10	0.063	7.2	15.6	0.7	2.0	2.2	21.1	29.3	1	2	0.0316	48.9	43.3	1.0	1.5	1" Pleated (MERV 13)	1,2,3,4,5,6,7,8

NOTES:
1. LOW-PROFILE, HORIZONTAL FREE-RETURN PLENUM FAN COIL UNIT, c/w INTEGRAL 1" FILTER RACK ON REAR RETURN
2. COPPER TUBE, ALUMINIUM FIN COOLING AND REHEAT HEATING COILS, STAINLESS STEEL DRAIN PAN. COILS REMOVABLE FOR SERVICING.
3. WORKING FLUID: CHILLED WATER = 100% TREATED WATER. HEATING WATER = 100% TREATED WATER
4. INSULATED HOUSING, SPRING-VIBRATION ISOLATION HANGERS, FLEXIBLE DUCT CONNECTIONS
5. DIRTY FILTER PRESSURE DROP SHALL NOT EXCEED 500 Pa.
6. UNIT EXTERNAL STATIC PRESSURE INCLUDES DUCTWORK AND DUCTWORK ACCESSORY LOSSES.
7. BOTTOM HINGED ELECTRICAL ACCESS
8. FAN COIL TO BE ORDERED WITH CONTROL CENTRE c/w DISCONNECT, GRIP NOTCH BELT, HIGH-EFFICIENT 3 TAP PSC MOTORS
9. FLOOR MOUNTED SLOPED TOP CABINET FAN COIL c/w RETURN AIR LOUVER GRILLE, STAINLESS STEEL DRAIN PAN w/ CONDENSATE PUMP, UNIT MOUNTED THERMOSTAT, FACTORY 2WAY PIPING PACKAGE
10. VERTICAL BELT DRIVEN FAN COIL

WALLFIN CONVECTOR SCHEDULE

TAG	TUBE			FINS			ROWS			ENCLOSURE HEIGHT		WATER SIDE				HEATING OUTPUT PER UNIT LENGTH		NOTES
	MATERIAL TYPE	DIAMETER		MATERIAL TYPE	FINS PER		NUMBER	SPACING				EWT		LWT				
		(mm)	(in.)		(m)	(ft.)		(mm)	(in.)	(mm)	(in.)	(C)	(F)	(C)	(F)	(kW/m)	(BTU/H-ft)	
A	COPPER	19	0.75	ALUMINUM	171	52	2	300	12	813	32	60.0	140.0	48.9	120.0	0.58	603	1, 2, 3, 4
B	COPPER	19	0.75	ALUMINUM	157	48	2	300	6	406	16	60.0	140.0	48.9	120.0	0.46	482	1, 2, 3, 4
C	COPPER	19	0.75	ALUMINUM	157	48	3	300	6	610	24	60.0	140.0	48.9	120.0	0.86	897	1, 2, 3, 4

NOTES:
1. HEATING OUTPUT BASED ON 18 C (65 F) ENTERING AIR TEMPERATURE.
2. FINS TO BE NOMINAL 100mm x 100mm.
3. PROVIDE 19 mm (3/4") HWS AND HWR PIPING.
4. REFER ALSO TO SPECIFICATIONS.

LOUVER SCHEDULE

TAG	SERVICE	TYPE	DIMENSIONS						AIR FLOW RATE		AIR PRESSURE DROP		ACCESSORIES	ACCEPTABLE PRODUCT	NOTES
			WIDTH		HEIGHT		DEPTH								
			(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(L/s)	(CFM)	(Pa)	(in.WC)			
LV-1	OA INTAKE	I	5,791	228	2,235	88	152	6	13,216	28,000	10	0.04	BS, BP, FF	PRICE DE-635	1,2,3,4
LV-2	OA INTAKE	I	4,470	176	2,235	88	152	6	10,384	22,000	10	0.04	BS, BP, FF	PRICE DE-635	1,2,3,4
LV-3	COMB AIR INTAKE	I	610	24	2,235	88	152	6	NA	-	NA	-	BS, BP, FF	PRICE DE-635	1,2,3,4
LV-4	COMB AIR INTAKE	I	711	28	1,321	52	152	6	NA	-	NA	-	FF, JB	PRICE DE-635	1,2,3,4
LV-5	ERV EXHAUST	E	711	28	914	36	152	6	1,416	3,000	12	0.05	FF, JB	PRICE DE-635	1,2,3,4
LV-6	RELIEF	E	711	28	914	36	152	6	NA	-	NA	-	FF, JB	PRICE DE-635	1,2,3,4
LV-7	CHEM EXHAUST	E	711	28	914	36	152	6	NA	-	NA	-	FF, JB	PRICE DE-635	1,2,3,4

ACCESSORIES:
BP BLANK-OFF PANELS
BS BIRDSCREEN
FF FLAT FLANGE
CA CLIP/CONTINUOUS ANGLE
SA STRAP FASTENERS
JB JAMB FASTENERS
SB SECURITY BARS

TYPE:
I INTAKE
R RELIEF
E EXHAUST

NOTES:
1. SIZE TO SUIT EXISTING WALL OPENING - CONFIRM PRIOR TO ORDERING. AIRFLOW PERFORMANCE BASED ON 1,372 mm x 1,067 mm (54"x 42") ACTIVE AREA. PROVIDE BLANK-OFF PANELS FOR REMAINDER OF LOUVER. BLANK-OFF PANELS TO BE DOUBLE-WALL ALUMINUM CONSTRUCTION WITH RSI-1.8 (R-10) RIGID INSULATION AND BLACK EXTERIOR FINISH.
2. EXTRUDED ALUMINUM CONSTRUCTION C/W ALUMINUM BIRDSCREEN, CONTINUOUS DRAINABLE BLADE SECTIONS, AND CLEAR ANODIZED FINISH.
3. DIMENSIONS ARE APPROXMIMATE - CONFIRM WITH SITE CONDITIONS.
4. REFER ALSO TO SPECIFICATIONS.

RADIANT CEILING PANEL SCHEDULE

TAG	TUBES		PANEL	PANEL WIDTH		WATER SIDE				HEATING OUTPUT PER UNIT LENGTH		NOTES
	MATERIAL TYPE	NUMBER	MATERIAL TYPE			EWT		LWT				
				(mm)	(in.)	(C)	(F)	(C)	(F)	(kW/m)	(BTU/H-ft)	
R1	COPPER	4	ALUMINIUM	610	24	60.0	140	48.9	120	0.25	257	1, 2, 3

NOTES:
1. HEATING OUTPUT BASED ON 21 C (70 F) ENTERING AIR TEMPERATURE.
2. LINEAR T-BAR CEILING MOUNTING.
3. REFER ALSO TO SPECIFICATIONS.

BOILER FEEDWATER UNIT SCHEDULE

TAG	LOCATION	FEEDWATER PUMPS (DUPLEX - DATA PER PUMP)							RECEIVER DATA			ACCEPTABLE PRODUCT	NOTES
		FLOW RATE (L/s)	TOTAL HEAD (kPa)	RPM	DISCH. SIZE (mm)	MOTOR			CAPACITY (L)	COND. INLET (mm)	TANK VENT (mm)		
						HP (HP)	ELECT.						
							VOLTS (V)	PHASE					
BFU-1	PENTHOUSE	1.26	138	3,450	19	1/2	120	1	416	102	51	STERLING 42215-GDF	1, 2, 3

NOTES:
1. TYPE 304 STAINLESS STEEL RECEIVER, 5 mm THICK, COMPLETE WITH LEVEL GAUGE WITH SHUTOFF VALVES, THERMOMETER, PUMP INLET STRAINERS, PUMP INLET SHUTOFF VALVES, AND MAKE-UP WATER FEEDER (ACCEPTABLE PRODUCT: McDONNELL MILLER #21).
2. UNIT CONTROL PANEL TO BE COMPLETE WITH FACTORY-WIRED NEMA 12 ENCLOSURE, SINGLE POINT POWER CONNECTION, MOTOR CIRCUIT PROTECTION, PUMP STARTERS WITH HOA SELECTOR SWITCHES, EXTERNAL RESET CONTROL, CONTROL CIRCUIT TRANSFORMER, POWER 'ON' LIGHT, 'PUMP RUNNING' PILOT LIGHTS, LOW WATER CUTOFF, LOW LEVEL ALARM HORN WITH SILENCING SWITCH, DRY CONTACTS FOR REMOTE MONITORING OF LOW LEVEL ALARM.
3. PUMPS TO BE RATED FOR 121 C SERVICE.

Public Works and Government Services Canada
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REAL PROPERTY SERVICES
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SERVICES IMMOBILIERS
Région de l'ouest

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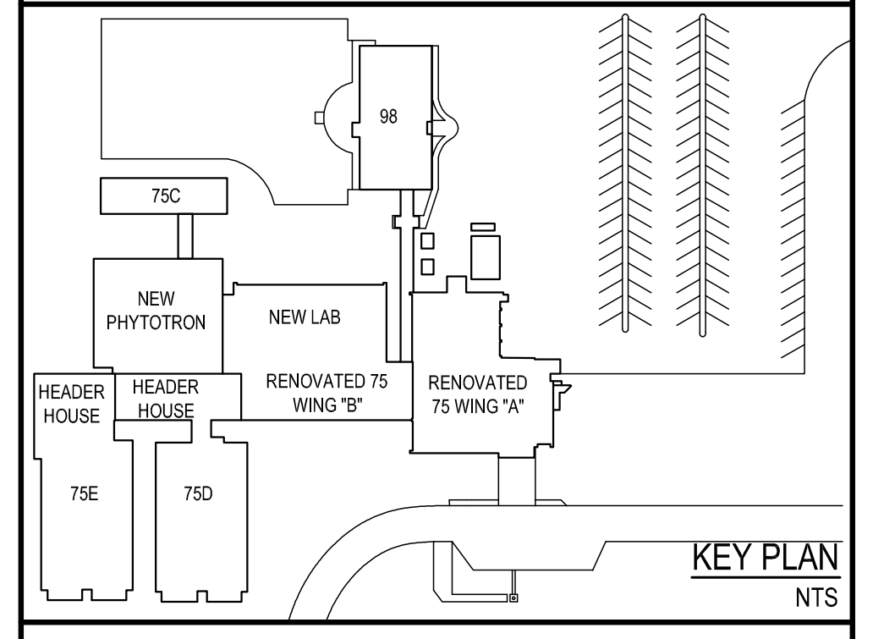

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Client/client

PWGSC
AGRICULTURE AND
AGRI-FOOD CANADA

SWIFT CURRENT, SASKATCHEWAN

Project title/Titre du projet

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AGRICULTURAL
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SWIFT CURRENT, SASKATCHEWAN

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Designed by/Concept par
SD

Drawn by/Dessine par
WGC

PWGSC Project Manager/Administrateur de Projets TPSGC
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PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'Ingénierie, TPSGC
PWGSC-RM

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PWGSC

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