

**BUILDING DESIGN DATA**

1. OUTSIDE DESIGN CONDITIONS (PER ASHRAE FOR ATLANTA, GA) :  
 SUMMER (1.0%) : 91.8°F DB / 73.8°F WB  
 WINTER (99.0%) : 26.5°F  
 DEHUMIDIFICATION (1.0%) : 80.3°F DB / 73.4°F DP

2. GENERAL BUILDING CRITERIA :  
 WALL U-FACTOR : EXISTING TO REMAIN  
 ROOF U-FACTOR : EXISTING TO REMAIN  
 GLASS U-FACTOR : EXISTING TO REMAIN  
 GLASS SHADING COEFFICIENT : EXISTING TO REMAIN

3. GENERAL BUILDING DESIGN LOAD REQUIREMENTS :  
 LIGHTING : EXISTING TO REMAIN  
 EQUIPMENT : EXISTING TO REMAIN  
 PEOPLE (OFFICE) : EXISTING TO REMAIN

4. COMFORT HEATING :  
 INTERIOR ROOMS : 70°F ± 2°F

5. COMFORT COOLING :  
 INTERIOR ROOMS : 75°F ± 2°F/55% RH ±5%

6. MINIMUM BUILDING POSITIVE PRESSURE : EXISTING

7. OCCUPANCY SCHEDULE :  
 OCCUPIED: M-F (6AM-8PM)  
 UNOCCUPIED: M-F (8PM-6AM), SAT, SUN

8. SET POINTS :  
 OCCUPIED SPACE COOLING TEMPERATURE : 75°F  
 UNOCCUPIED SPACE COOLING TEMPERATURE : 80°F  
 OCCUPIED SPACE HEATING TEMPERATURE : 70°F  
 UNOCCUPIED SPACE HEATING TEMPERATURE : 60°F

9. CODES:  
 INTERNATIONAL BUILDING CODE, 2012, WITH GEORGIA AMENDMENTS (2014)(2015)(2017)(2018)  
 INTERNATIONAL MECHANICAL CODE, 2012, WITH GEORGIA AMENDMENTS (2014)(2015)  
 INTERNATIONAL PLUMBING CODE, 2012, WITH GEORGIA AMENDMENTS (2014)(2015)  
 INTERNATIONAL ENERGY CONSERVATION CODE, 2009, WITH GEORGIA AMENDMENTS (2011)(2012)  
 INTERNATIONAL FIRE CODE, 2012, WITH GEORGIA AMENDMENTS (2014)  
 NATIONAL ELECTRIC CODE, 2017, WITH NO GEORGIA AMENDMENTS  
 NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS (LATEST APPROVED EDITIONS)

**FAN COIL UNIT SCHEDULE**

DESIGNATION	FAN					COOLING COIL DATA					HEATING COIL DATA					ELECTRICAL V/ø/HZ	MCA	MOP	MOUNTING	BASIS OF DESIGN	REMARKS					
	NOMINAL CFM	OA CFM	ESP INCH WG	RPM	HP	GPM @10°F ΔT	MAXIMUM WATER PD FT WG	EWI °F	EAT DB °F	WB °F	LAT	SENSIBLE MBH	TOTAL	HOSE CONNECT (IN.)	GPM							MAXIMUM WATER PD FT WG	EAT °F	LAT °F	MBH @140°F LWT	HOSE CONNECT (IN.)
FCU-V-1	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-2	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-3	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-4	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-5	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-6	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-7	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-8	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-9	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-10	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-11	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-12	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-13	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-14	1530	235	0.5	-	1	9	10	44	73.5	61.8	52.5	35.2	44.7	7/8"	3.95	10	66.6	90	39.2	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-15	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-16	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-17	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-18	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-19	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-20	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-21	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-22	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-23	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-24	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-25	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-26	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-27	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-28	1630	235	0.5	-	1	9.6	10	44	73.6	61.8	52.5	37.6	47.9	7/8"	4.15	10	66.8	90	41.3	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-29	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-30	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-31	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-32	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-33	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-34	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-35	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-36	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-37	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-38	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-39	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-40	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-V-41	1530	255	0.5	-	1	8.9	10	44	73.3	61.7	52.5	34.9	44.4	7/8"	4.0	10	66.4	90	39.6	1 1/8"	460/3/60	8.4	15	VERTICAL	TRANE/BCXD	(1)
FCU-H-42	2820	375	0.5	-	3	20.9	10	44	77.2	64.2	52.5	76.4	99.1	1 1/8"	10.5	10	64.3	90	79.4	1 1/8"	460/3/60	6.9	15	HORIZONTAL	TRANE/BCXD	(1)
FCU-H-43	2575	450	0.5	-	3	20	10	44	77.9	64.2	52.5	71.7	99.1	1 1/8"	7.75	10	62.5	90	77.5	1 1/8"	460/3/60	4.2	15	HORIZONTAL	TRANE/BCXD	(1)
FCU-H-44	3520	450	0.5	-	3	26	10	44	77.1	64.2	52.5	95	129.6	1 1/8"	9.8	10	64.5	90	98.2	1 1/8"	460/3/60	6.9	15	HORIZONTAL	TRANE/BCXD	(1)
FCU-H-45	3900	975	0.5	-	3	32.7	10	44	79.2	65.8	52.5	114	163.2	1 1/8"	13.1	10	59.2	90	131.2	1 1/8"	460/3/60	6.3	15	HORIZONTAL	TRANE/BCXD	(1)
FCU-H-46	2660	975	0.5	-	1.5	24.9	10	44	77.1	67	52.5	83.4	124.1	1 1/8"	10.4	10	54.2	90	104	1 1/8"	460/3/60	4.2	15	HORIZONTAL	TRANE/BCXD	(1)
FCU-H-47	1430	375	0.5	-	1	12.1	10	44	75.8	61.8	52.5	42.2	60.5	1 1/8"	4.9	10	58.7	90	48.9	1 1/8"	460/3/60	8.4	15	HORIZONTAL	TRANE/BCXD	(1)

NOTES: (1) OUTSIDE AIR PROVIDED BY ENERGY RECOVERY UNITS TO THE ROOMS. WINTER DESIGN DB IS 65°F DB/57.5°F WB IN THE WINTER. WINTER DESIGN WB IS 48°F DB IN THE WINTER.

**ELECTRIC UNIT HEATER SCHEDULE**

DESIGNATION	SERVICE	MOTOR HP	CONNECTED KW	ELECTRICAL V/ø/HZ	MOUNTING	BASIS OF DESIGN	REMARKS
UH-3	MECHANICAL ROOM	-	3.3	208/1/60	CEILING	TRANE/UHCA	

**PUMP SCHEDULE**