Fan Coil Unit Schedule

Unit No.	Location	CFM		Fan Data		Corrected Cooling Capacity (MBH)		Cooling Air Data		Cooling Coil Data	Corrected Heating Capacity (MBH)	Heating Air Data		Filter Data	Electrical Data		LG Model #	Remarks
		Total	Min. O.A	Drive	Motor Qty.	Total	Sensible	EAT (ºF)	LAT (ºF)	Fluid		EAT (ºF)	LAT (ºF)	Type	Volt/PH	MCA		
Basement																		
FCU B01	Room 1021	600	200	Direct	1	19.4	15.8	77.00	52.5	R410A	26.8	63.3333	105.2	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B02	Room 1017	680	110	Direct	1	22	17.9	75.97	52.5	R410A	29.4	66.7647	105.2	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B03	Room 1018	430	70	Direct	1	10.9	8.9	75.98	57.5	R410A	14.9	66.7442	96.8	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU B04	Room 1016	760	360	Direct	1	24.5	19.6	77.84	53.1	R410A	33.0	60.5263	101.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B05	Room 1007	595	100	Direct	1	18.8	15.5	76.01	52	R410A	25.5	66.6387	106.2	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B06	Room 1027	410	130	Direct	1	16.2	13.2	76.90	52.6	R410A	22.3	63.6585	105.2	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B07	Room 1004	340	50	Direct	1	9	9.0	75.88	52.4	R410A	11.9	67.0588	96	3/16" Washable	208/1	2.3	ARNU153M2A4	MAX. ESP =0.7
FCU B08	Room 1066	500	170	Direct	1	15.9	15.9	77.04	47.8	R410A	21.2	63.2	101.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B09	Room 1067	430	90	Direct	1	10.8	10.8	76.26	53.4	R410A	14.4	65.814	95.4	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU B10	Room 1030	500	210	Direct	1	15.9	15.9	77.52	48.2	R410A	21.2	61.6	100.3	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B11A-1	Room 1032	1600	335	Direct	1	31.8	20.6	76.26	65.4	R410A	42.2	65.8125	86.7	3/16" Washable	208/1	2.5	ARNU283M3A4	MAX. ESP =0.7
FCU B11B-1	Room 1032	720	670	Direct	1	22.9	16.7	80.58	59.2	R410A	30.5	51.3889	98.1	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B11C-1	Room 1032	825	335	Direct	1	26.3	17.3	77.44	58.1	R410A	34.9	61.8788	101	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B11A-2	Room 1032	1600	335	Direct	1	31.8	34.5	76.26	65.4	R410A	42.2	65.8125	86.7	3/16" Washable	208/1	2.5	ARNU283M3A4	MAX. ESP =0.7
FCU B11B-2	Room 1032	720	670	Direct	1	22.9	24.0	80.58	59.2	R410A	30.5	51.3889	98.1	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B11C-2	Room 1032	825	335	Direct	1	26.3	24.0	77.44	58.1	R410A	34.9	61.8788	101	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B12	Room 1064	875	190	Direct	1	27.9	17.2	76.30	59.7	R410A	37.0	65.6571	99.6	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B13	Room 1034	1600	310	Direct	1	31.1	27.9	76.16	60.9	R410A	41.4	66.125	87.1	3/16" Washable	208/1	5.2	ARNU423B8A4	MAX. ESP =0.7
FCU B14	Room 1035	645	380	Direct	1	22	17.5	78.53	53.5	R410A	29.3	58.2171	100.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B15	Room 1060	338	338	Direct	1	8.2	6.4	81.00	63.6	R410A	10.1	50	86.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B16	Room 1059	430	430	Direct	1	15.6	12.0	81.00	54.9	R410A	19.5	50	100.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B17	Room 1051	430	430	Direct	1	15.6	12.1	81.00	54.9	R410A	19.5	50	100.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B18	Room 1039	510	300	Direct	1	17.4	13.9	78.53	53.4	R410A	23.2	58.2353	100.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B19	Room 1043	545	140	Direct	1	17.5	14.3	76.54	52.3	R410A	24.0	64.8624	105.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B20	Room 1048	430	160	Direct	1	14.4	11.6	77.23	53.2	R410A	19.4	62.5581	101.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B21	Room 1049	680	290	Direct	1	22.5	18.1	77.56	52.9	R410A	30.6	61.4706	103	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B22	Room 1042	500	200	Direct	1	19.7	15.9	77.40	52.8	R410A	22.4	62	103.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU B23	Room 1046	600	230	Direct	1	19.7	15.9	77.30	52.8	R410A	26.9	62.3333	103.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FIRST FLOOR																		
FCU 101	Room 2012	500	60	Direct	1	12.5	10.3	75.72	57.1	R410A	17.3	67.6	98.4	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU 102	Room 2010	500	280	Direct	1	15.8	12.5	78.36	53.5	R410A	20.2	58.8	99.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 103	Room 2009	425	70	Direct	1	10.8	8.8	75.99	57.5	R410A	14.7	66.7059	96.6	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU 104	Room 2010	430	170	Direct	1	14.2	11.5	77.37	52.9	R410A	18.9	62.093	102.2	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 105	Room 2022	770	370	Direct	1	25.8	20.7	77.88	53.1	R410A	33.8	60.3896	100.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 106	Room 2023	430	290	Direct	1	15.2	11.9	79.05	54.2	R410A	18.9	56.5116	99.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 107	Room 2008	810	330	Direct	1	26.7	21.6	77.44	52.8	R410A	35.5	61.8519	102.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 108	Room 2007	810	280	Direct	1	26.7	21.6	77.07	52.8	R410A	35.5	63.0864	102.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 109A	Room 2005	1350	310	Direct	2	28.5	28.5	76.38	57.7	R410A	35.3	65.4074	86.8	3/16" Washable	208/1	5.2	ARNU483B8A4	MAX. ESP =0.7
FCU 109B	Room 2005	750	250	Direct	1	23.9	17.4	77.00	55.7	R410A	29.6	63.3333	99.3	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 110	Room 2025	700	330	Direct	1	17.6	13.1	77.83	63.7	R410A	21.8	60.5714	87.7	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU 111	Room 2029	750	250	Direct	1	18.9	13.1	77.00	64.8	R410A	23.3	63.3333	87.7	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU 112A-1	Room 2031	1600	325	Direct	2	32.4	24.0	76.22	64.6	R410A	40.1	65.9375	85.3	3/16" Washable	208/1	5.2	ARNU363B8A4	MAX. ESP =0.7
FCU 112B-1	Room 2031	800	550	Direct	1	27.1	16.9	79.13	59.9	R410A	33.5	56.25	95.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 112C-1	Room 2031	850	480	Direct	1	27.1	17.0	78.39	60.9	R410A	33.5	58.7059	95.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 112A-2	Room 2031	1600	325	Direct	2	32.4	24.0	76.22	64.6	R410A	40.1	65.9375	85.3	3/16" Washable	208/1	5.2	ARNU363B8A4	MAX. ESP =0.7
FCU 112B-2	Room 2031	800	550	Direct	1	25.5	16.9	79.13	59.9	R410A	33.5	56.25	95.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 112C-2	Room 2031	850	480	Direct	1	27.1	17.0	78.39	60.9	R410A	33.5	58.7059	95.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 114	Room 2002	760	230	Direct	1	18.9	13.6	76.82	61	R410A	23.3	63.9474	89.5	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU 115	Room 2033	550	120	Direct	1	17.5	17.5	76.31	47.2	R410A	21.7	65.6364	101.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 116	Room 2078	520	150	Direct	1	16.6	16.6	76.73	47.6	R410A	20.5	64.2308	99.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 117	Room 2078	800	250	Direct	1	20.1	13.6	76.88	61.9	R410A	24.9	63.75	90.1	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7
FCU 118	Room 2033	450	230	Direct	1	14.3	14.3	78.07	49.1	R410A	17.7	59.7778	95.4	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 119	Room 2035	1650	340	Direct	2	34.8	31.9	76.24	59.1	R410A	43.1	65.8788	87.3	3/16" Washable	208/1	5.2	ARNU483B8A4	MAX. ESP =0.7
FCU 120	Room 2035A	1600	170	Direct	1	32.4	20.7	75.64	65.5	R410A	44.9	67.875	88	3/16" Washable	208/1	2.5	ARNU283M3A4	MAX. ESP =0.7
FCU 121A	Room 2035B	1600	85	Direct	1	32	12.1	75.32	64	R410A	44.4	68.9375	91.8	3/16" Washable	208/1	2.5	ARNU283M3A4	MAX. ESP =0.7
FCU 121B	Room 2035B	1600	205	Direct	1	32	21.1	75.77	64	R410A	44.4	67.4375	91.8	3/16" Washable	208/1	2.5	ARNU283M3A4	MAX. ESP =0.7
FCU 122	Room 2073	610	350	Direct	1	19.6	17.3	78.44	51.9	R410A	27.2	58.5246	100.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7

Fan Coil Unit Schedule

FCU 123	Room 2074	650	180	Direct	1	17.4	11.2	76.66	61.3	R410A	24.2	64.4615	97.2	3/16" Washable	208/1	2.3	ARNU153M2A4	MAX. ESP =0.7
FCU 124	Room 2075	550	260	Direct	1	17.6	17.3	77.84	48.7	R410A	24.5	60.5455	101.6	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 125A	Room 2069	500	315	Direct	1	16	16.0	78.78	49.2	R410A	22.3	57.4	100.1	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 125B	Room 2069	500	315	Direct	1	16	16.0	78.78	49.2	R410A	22.3	57.4	100.1	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 126	Room 2066	780	350	Direct	1	25	17.4	77.69	57.2	R410A	34.7	61.0256	102.1	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 127	Room 2052	1350	190	Direct	1	27	21.0	75.84	62.1	R410A	37.4	67.1852	90.9	3/16" Washable	208/1	2.5	ARNU283M3A4	MAX. ESP =0.7
FCU 128	Room 2043	430	210	Direct	1	13.8	13.8	77.93	48.3	R410A	19.1	60.2326	101.3	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 129	Room 2046	690	220	Direct	1	22.5	17.5	76.91	53.8	R410A	31.2	63.6232	104.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 130	Room 2054	550	260	Direct	1	17.6	17.3	77.84	48.7	R410A	24.5	60.5455	101.6	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 131	Room 2065	550	200	Direct	1	17.6	17.4	77.18	48.4	R410A	24.5	62.7273	102.6	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 132	Room 2060	850	300	Direct	1	27.3	17.4	77.12	58.6	R410A	37.8	62.9412	102.6	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
FCU 133	Room 2061	338	80	Direct	1	7.1	7.1	76.42	61.9	R410A	10.0	65.2663	86.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP =0.7
Second Floor																		
FCU 201	Room 3006	430	70	Direct	1	10.8	8.9	75.98	57.3	R410A	14.7	66.74	97.3	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP = 0.7
FCU 202	Room 3005	600	370	Direct	1	16.9	13.5	78.70	53.3	R410A	22.7	57.67	101.1	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 203	Room 3002	660	330	Direct	1	22.2	17.8	78.00	53.2	R410A	29.9	60.00	101.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 204	Room 3003	430	200	Direct	1	15	11.9	77.79	53.9	R410A	19.5	60.70	100.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 205	Room 3014	640	170	Direct	1	20.6	16.8	76.59	52.4	R410A	28.3	64.69	105.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 206	Room 3015	660	210	Direct	1	22.2	17.8	76.91	53.2	R410A	29.9	63.64	101.7	3/16" Washable	208/1	2.5	ARNU243M2A4	MAX. ESP = 0.7
FCU 207	Room 3016	1450	310	Direct	1	30.7	35.1	76.28	62.4	R410A	40.9	65.72	85.1	3/16" Washable	208/1	2.5	ARNU283M3A4	MAX. ESP = 0.7
FCU 208A	Room 3017	800	260	Direct	1	20.1	13.6	76.95	61.9	R410A	24.9	63.50	90.1	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP = 0.7
FCU 208B	Room 3017	800	260	Direct	1	20.1	13.6	76.95	61.9	R410A	24.9	63.50	90.1	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP = 0.7
FCU 209	Room 3018	320	60	Direct	1	10.8	8.9	76.13	57.3	R410A	14.7	66.25	97.3	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP = 0.7
FCU 210	Room 3021	530	320	Direct	1	16.9	13.5	78.62	53.3	R410A	22.7	57.92	101.1	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 211	Room 3025	430	100	Direct	1	10.8	8.9	76.40	57.3	R410A	14.7	65.35	97.3	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP = 0.7
Third Floor																		
FCU 301	Room 4006	430	70	Direct	1	15.4	15.4	75.98	43.2	R410A	17.1	66.74	102.3	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP = 0.7
FCU 302	Room 4005	600	270	Direct	1	22.7	22.7	77.70	36.2	R410A	25.2	61.00	105.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 303	Room 4002	340	120	Direct	1	12.9	12.9	77.12	42.2	R410A	14.3	62.94	101.2	3/16" Washable	208/1	2.3	ARNU153M2A4	MAX. ESP = 0.7
FCU 304	Room 4003	430	200	Direct	1	19.6	19.6	77.79	37.4	R410A	21.7	60.70	105.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 305	Room 4026	430	130	Direct	1	19.6	19.6	76.81	34.8	R410A	21.7	63.95	110.5	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 306	Room 4014	570	160	Direct	1	25.9	24.9	76.68	36.4	R410A	28.7	64.39	110.9	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 307	Room 4017	500	270	Direct	1	22.7	22.7	78.24	36.3	R410A	25.2	59.20	105.7	3/16" Washable	208/1	2.3	ARNU243M2A4	MAX. ESP = 0.7
FCU 308	Room 4021	320	70	Direct	1	15.4	15.4	76.31	43.2	R410A	17.1	65.63	102.3	3/16" Washable	208/1	2.3	ARNU183M2A4	MAX. ESP =0.7

NOTE:

1. PROVIDE COMPLETE VRF SYSTEM WITH HEAT RECOVERY UNITS.

VRF SYSTEM NOTES:

1. REFER TO MANUFACTURER PROVIDED DETAILED REFRIGERANT PIPE SIZING & FITTING SCHEMATIC. MECHANICAL CONTRACTOR TO CONFIRM WITH MANUFACTURER'S REP. (KLIMA NY) PIPING SIZES PRIOR TO INSTALLATION. NO DEVIATIONS UNLESS PRIOR APPROVAL IS OBTAINED.
2. INSULATE ALL LINES.
3. ALL CONDENSERS 20 TONS & UNDER SHALL BE SINGLE CHASSIS & SINGLE POINT POWER.
4. EACH CONDENSER MODULE SHALL BE MOUNTED ON EQUIPMENT SUPPORTS WITH NEOPRENE RUBBER VIBRATION ISOLATION (CORK PADS ARE NOT ACCEPTABLE).
5. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL THE DISCONNECTS FOR INDOOR & OUTDOOR UNITS.
6. ALL BIDDING MECHANICAL CONTRACTORS SHALL BE LG TRAINED & CERTIFIED FOR INSTALLATION OF SPECIFIED EQUIPMENT. ANY CONTRACTOR NOT CERTIFIED WILL BE DISQUALIFIED.
7. EQUIPMENT MUST HAVE 10 YEAR EXTENDED WARRANTY. MECHANICAL CONTRACTOR MUST REGISTER THE EQUIPMENT WITHIN SIXTY (60) DAYS OF INSTALLATION ON BEHALF OF THE OWNER.
8. SYSTEM MUST BE BACNET COMPATIBLE FOR BMS INTEGRATION.

H2M architects + engineers

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Project #: 15-345A

MARK	DATE	DESCRIPTION
	01/24/20	FINAL BID / PERMIT
	04/15/22	90% V.E. SUBMISSION
	06/03/22	ISSUE FOR BID

"ALTERATION OF THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL IS ILLEGAL"

DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PMC	SRB	EDF	MDF
PROJECT No: FILB 1501	DATE: 11/15/19	SCALE: AS SHOWN	

CLIENT
Montebello Realty GP LLC

Braemar at Montebello Assisted Living Residence

**Montebello Crossing,
250 Lafayette Avenue
(Route 59)
Village of Montebello
New York**

CONTRACT

STATUS
ISSUE FOR BID

SHEET TITLE
HVAC: SCHEDULES

DRAWING No. **H8.2**

SHEET No. / OF

File Name: F:\2015\15-345A NEW ASSISTED LIVING RESIDENCE\H8.2.dwg (Layout: H8.2)
Date: Fri, Jun 03, 2022 - 2:20 PM (Name: sh)