KITCHEN EXHAUST FAN SCHEDULE (KEF –)

MARK	MANUF./ MODEL #	TYPE	CFM	E.S.P. IWG	HP	FAN RPM	VOLT/Ø	B.D.D.	DRIVE	OPER. WT.	REMARKS
1	JENCOFAN STXDRHUL1475SC	ROOF	1800	1.25	0.75	1543	115/1/60	YES	DIRECT	117 LBS.	FAN SHALL RUN CONTINUOUSLY DURING HOURS OF OPERATION

KITCHEN MAKEUP AIR FAN SCHEDULE (MAF –)

MARK	MANUF./ MODEL #	TYPE	CFM	E.S.P. IWG	HP	FAN RPM	VOLT/Ø	B.D.D.	DRIVE	OPER. WT.	REMARKS
1	JENCOFAN KSFV10–1/2	ROOF	1440	0.5	0.5	751	115/1/60	YES	DIRECT	217 LBS.	INTERLOCK MAKEUP AIR FAN WITH KEF–1

EXHAUST FAN SCHEDULE (EF –)

MARK	MANUF./ MODEL #	TYPE	CFM	E.S.P. IWG	WATTS/ HP	FAN RPM	VOLT/Ø	B.D.D.	DRIVE	OPER. WT.	REMARKS
1 THRU 25	GREENHECK SPA–70	CEILING	75	.25	15.9 W	850	115/1	YES	DIRECT	14.2 LBS.	INTERLOCK WITH LIGHT SWITCH
26&27	GREENHECK SPA–150	CEILING	150	.25	128 W	1100	115/1	YES	DIRECT	20 LBS.	INTERLOCK WITH LIGHT SWITCH
28&29	GREENHECK SP–A125	CEILING	100	.25	53 W	1100	115/1	YES	DIRECT	20 LBS.	CONTROL BY THERMOSTAT. EXHAUST FAN TO OPERATE WHEN ROOM TEMPERATURE EXCEEDS 85°F

PACKAGED AIR HANDLING UNIT SCHEDULE (RTU –)

MARK	NOMINAL TONS	MANUFACTURER MODEL #	AIR CAPACITIES				SEER/ EER	ELECTRICAL DATA				OP. UNIT WT. LBS.	UNIT HT. W/ PAD
			TOTAL CFM	OA CFM	ESP IWG	BLOWER HP		INPUT/ # ELEM.	MCA	MOCP	VOLT/Ø		
8	5.0	DAIKIN MPSA05C	2350	315	0.6	1 – BELT	11.6 EER	10 KW / 1	18.0	20	460/3	597	49"

PACKAGED VAV ROOFTOP UNIT SCHEDULE (RTU –)

MARK	NOMINAL TONS	MANUFACTURER MODEL #	AIR CAPACITIES				ELECTRICAL DATA			OP. UNIT WT. LBS.	UNIT HT. W/ CURB
			TOTAL CFM	OA CFM	ESP IWG	BLOWER HP	FLA	MOCP	VOLT/Ø		
1	10	DAIKIN DPS010A	3050	710	1.5	4.0 – DIRECT	18.2	25	460/3	2096	70.8"
2	7	DAIKIN DPS007A	1680	720	1.5	2.3 – DIRECT	13.4	20	460/3	1996	70.8"
3	7	DAIKIN DPS007A	1880	780	1.5	2.3 – DIRECT	13.4	20	460/3	1996	70.8"
4	7	DAIKIN DPS007A	1950	790	1.5	2.3 – DIRECT	13.4	20	460/3	1996	70.8"
5	7	DAIKIN DPS007A	2090	820	1.5	2.3 – DIRECT	13.4	20	460/3	1996	70.8"
6	7	DAIKIN DPS007A	2065	840	1.5	2.3 – DIRECT	13.4	20	460/3	1996	70.8"
7	7	DAIKIN DPS007A	1820	625	1.5	2.3 – DIRECT	13.4	20	460/3	1996	70.8"
9	10	DAIKIN DPS010A	3640	800	1.5	4.0 – DIRECT	47.3	60	460/3	3417	84.8"

VAV BOX SCHEDULE (VAV –)

MARK	MANUF./	MODEL #	INLET SIZE	MIN. CFM	MAX. CFM	SET POINT	INLET ESP	OUTLET ESP	DESIGN NC	CONTROL TYPE	XFMR VOLT/PH IN	HEAT	KW	VOLT/PH	SERVES	REMARKS
VAV–1	DAIKIN	MQTH	8"ø	240	800	670	1.5"	.5	22	DDC	115/1PH	YES	6.0	460/1PH	RTU–1	SEE NOTES BELOW
VAV–2	DAIKIN	MQTH	12"ø	630	2100	1190	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU–1	SEE NOTES BELOW
VAV–3	DAIKIN	MQTH	6"ø	135	450	200	1.5"	.5	22	DDC	115/1PH	YES	2.0	460/1PH	RTU–1	SEE NOTES BELOW
VAV–4	DAIKIN	MQTH	6"ø	135	450	270	1.5"	.5	22	DDC	115/1PH	YES	2.5	460/1PH	RTU–1	SEE NOTES BELOW
VAV–5	DAIKIN	MQTH	12"ø	630	2100	1095	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU–1	SEE NOTES BELOW
VAV–6	DAIKIN	MQTH	6"ø	135	450	200	1.5"	.5	22	DDC	115/1PH	NO	–	–	RTU–1	SEE NOTES BELOW
VAV–7	DAIKIN	MQTH	10"ø	375	1250	1000	1.5"	.5	22	DDC	115/1PH	YES	7.0	460/1PH	RTU–2	SEE NOTES BELOW
VAV–8	DAIKIN	MQTH	10"ø	375	1250	930	1.5"	.5	22	DDC	115/1PH	YES	7.5	460/1PH	RTU–2	SEE NOTES BELOW
VAV–9	DAIKIN	MQTH	10"ø	375	1250	990	1.5"	.5	22	DDC	115/1PH	YES	7.5	460/1PH	RTU–3	SEE NOTES BELOW
VAV–10	DAIKIN	MQTH	10"ø	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU–3	SEE NOTES BELOW
VAV–11	DAIKIN	MQTH	10"ø	375	1250	990	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU–4	SEE NOTES BELOW
VAV–12	DAIKIN	MQTH	12"ø	630	2100	1180	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU–4	SEE NOTES BELOW
VAV–13	DAIKIN	MQTH	10"ø	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU–5	SEE NOTES BELOW
VAV–14	DAIKIN	MQTH	12"ø	630	2100	1170	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU–5	SEE NOTES BELOW
VAV–15	DAIKIN	MQTH	10"ø	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU–6	SEE NOTES BELOW
VAV–16	DAIKIN	MQTH	10"ø	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	10.0	460/1PH	RTU–6	SEE NOTES BELOW
VAV–17	DAIKIN	MQTH	10"ø	375	1250	1080	1.5"	.5	22	DDC	115/1PH	YES	9.0	460/1PH	RTU–7	SEE NOTES BELOW
VAV–18	DAIKIN	MQTH	8"ø	240	800	535	1.5"	.5	22	DDC	115/1PH	YES	2.5	460/1PH	RTU–7	SEE NOTES BELOW
VAV–19	DAIKIN	MQTH	10"ø	375	1250	755	1.5"	.5	22	DDC	115/1PH	YES	5.0	460/1PH	RTU–7	SEE NOTES BELOW

1. PROVIDE EACH VAV BOX W/ 115V/1PH TO 24V TRANSFORMER.
2. THE AIR QUANTITY IS TO BE USED BY THE MANUFACTURER TO PRESET THE PRIMARY AIR DAMPER.

TEXAS ENGINEER FIRM REGISTRATION #F-15201

ASEIENGINEERING
25329 Budde rd. #402. Spring, TX 77380
aseiengineering.com o 713.300.9579

JOB NO: 190000

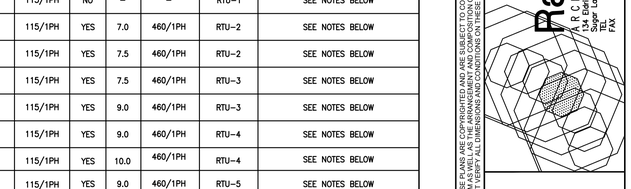
DFT: SAS
DSN: EV
CHK: CS

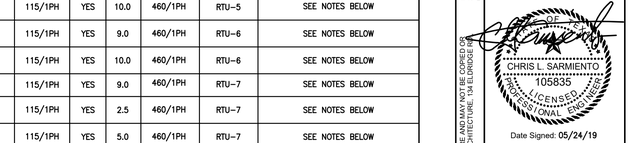
THE MONTESSORIOM AT BELLA TERRA

23421 FM 1093 RD.
RICHMOND, TX 77406

NO.	DESCRIPTION	DATE
1	FINAL SCHEME	02.01.19
2	REV.FINAL SCHEME	02.07.19
3	PERMIT	05.24.19

Radian
ARCHITECTURE
5141 Elkridge Road, Suite A
Sugar Land, Texas 77478
TEL (713) 933 0507
FAX (713) 933 0512





Date Signed: 05/24/19

Project No.	1801.74
Date	02/11/19
Drawn by	JG
Checked by	NL

Sheet No.

E4.2