

## FURNACE SCHEDULE

MARK	MANUFACTURER	MODEL No	TOTAL CFM	O.A. CFM (MIN)	EXT. STATIC PRESSURE (In W.G.)	MCA/MOCP	HP	VOLTS/ PHASE/ CYCLE	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	COOLING TOTAL (MBH)	COOLING SENSIBLE (MBH)	SERVES	NOTES:
AC-1	LENNOX	EL1UH070XE18	620	100	0.5	6.8/15	1/2	115/1/60	69	64	12,900	11,900	OFFICES	1, 2, 3
AC-2	LENNOX	ML18DUH110XP60	1,750	435	0.5	10/15	3/4	115/1/60	110	89	48,000	36,000	MULTI-PURPOSE	1, 2, 3
AC-3	LENNOX	ML18DUH110XP60	1,770	440	0.5	10/15	3/4	115/1/60	110	89	59,000	41,000	EXERCISE	1, 2, 3

NOTES:

- PROVIDE WITH 1" THROW AWAY FILTERS.
- PROVIDE WITH MANUFACTURERS SUPPLIED 7 DAY PROGRAMMABLE THERMOSTAT.
- PROVIDE WITH R-410a REFRIGERANT.
- PROVIDE ACCESSORIES FROM MANUFACTURER SUCH AS THERMAL EXPANSION VALVES AS REQUIRED TO MEET THE EFFICIENCIES STATED ABOVE AND FOR A COMPLETE AND OPERABLE SYSTEM.
- EXTERNAL STATIC PRESSURE EXCLUDES LOSSES DUE TO AHU CASING, DIRT ON FILTERS AND WET COIL.
- 95°F OUTSIDE AIR AMBIENT AT CU.
- COOLING LOADS EXCLUDE EVAPORATOR FAN HEAT.
- PROVIDE WITH 5 MINUTE TIME DELAY TO PREVENT COMPRESSOR SHORT CYCLING.

## CONDENSING UNIT SCHEDULE

MARK	MANUFACTURER	MODEL No	CAPACITY (BTUs)	UNIT SERVED	AMBIENT TEMP	OPERATING WEIGHT	ELECTRICAL	MCA/MFS	RLA/LRA	ENCLOSURE (H" x D" x L")	NOTES:
CU-1	LENNOX	13ACX018	18,000	AC-1	95	150	208/230 60/1	12.2/20	9/48	23X35X25	SEER 13
CU-2	LENNOX	13ACX060	60,000	AC-2	95	250	208/230 60/1	34.6/60	26.3/125	46X35X45	SEER 13
CU-3	LENNOX	13ACX060	60,000	AC-3	95	250	208/230 60/1	34.6/60	26.3/125	35X35X38	SEER 13

NOTES:

## VENTILATION INTAKE ROOF HOOD SCHEDULE

MARK	MANUFACTURER	MODEL No	SERVES	TYPE	CFM (DESIGN)	CFM (MAX)	NUMBER OF TIERS	THROAT SIZE (SF)	FREE AREA (SF.)	(SP)	MAX THROAT VELOCITY (FPM)	DIMENSIONS (WxDxH)	NOTES:
IH-1	GREENHECK	WIH	AC-1/AC-2	INTAKE	535	600	3	12x12	1.0	0.69	600	26x26x12	-
IH-2	GREENHECK	WIH	AC-3	INTAKE	440	600	3	12x12	1.0	0.69	600	26x26x12	-

NOTES:

## ELECTRIC BASEBOARD HEATER SCHEDULE

MARK	MANUFACTURER	MODEL No	CAPACITY (BTUs)	VOLTS	PHASE	CYCLES	WATTS	ENCLOSURE (H" x D" x L")	SERVICE	INTEGRAL T'STAT	NOTES:
EBB-3	BERCO	2514W	3412	120	1	60	1000	6-3/4" x 2-13/16 x 48	YOGA	YES	PROVIDE WITH MOUNTING KIT
EBB-4	BERCO	2514W	3412	120	1	60	1000	6-3/4" x 2-13/16 x 48	POOL EQUIPMENT ROOM	YES	PROVIDE WITH MOUNTING KIT

NOTES:

## CLUBHOUSE EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL NUMBER	ACFM	STATIC PRESSURE (In. WG)	DRIVE	WATTS	VOLTS/ PHASE/ CYCLES	MOUNTING	MAXIMUM SONES ALLOWED	SERVES LIVING UNIT TYPES	NOTES:
EF-4	AIR KING	AK80LS	70	0.25	DIRECT	26.7	120/1/60	CEILING	1	JANITOR	1, 2 & 3
EF-5	AIR KING	AK300LS	225	0.25	DIRECT	81	120/1/60	CEILING	3	WOMEN'S	1, 2 & 3
EF-6	AIR KING	AK300LS	225	0.25	DIRECT	81	120/1/60	CEILING	3	MEN'S	1, 2 & 3
EF-7	AIR KING	AK200LS	150	0.25	DIRECT	62	120/1/60	CEILING	2	POOL EQUIPMENT STORAGE	1, 2 & 3
EF-8	GREENHECK	SP-A900	585	0.25	DIRECT	285	120/1/60	CEILING	5	FITNESS	1, 2 & 3

NOTES:

- PROVIDE WITH UNIT MOUNTED DISCONNECT.
- PROVIDE WITH RADIATION DAMPER AT GRILLE
- PROVIDE WITH BACKDRAFT DAMPER.

## MINIMUM OUTSIDE AIR REQUIREMENTS

ROOM PURPOSE	GROSS FLOOR AREA (SQ. FT.)	IMC-2009 MINIMUM VENTILATION RATES TABLE 403.3				SYSTEM NUMBER	MINIMUM OUTSIDE AIR (CFM)	REMARKS
		(CFM/SF)	(CFM)	CFM/Per.	People			
Manager	110	0.06	7	5	2	10	17	
Asst. Manager	130	0.06	8	5	2	10	18	
Files/IT	170	0.06	10	5	1	5	15	
						AC-1	50	
Multi-Purpose	890	0.06	53	5	27	135	188	
Reception	290	0.06	17	5	9	45	62	
Vestibule	140	0.06	8	5	2	10	18	
						AC-2	207	
Yoga	180	0.06	11	20	8	160	171	
Exercise	420	0.06	25	20	8	160	185	
Viewing Gallery	110	0.06	7	5	2	10	17	
Hall	140	0.06	8	5	1	5	13	
Men's RR	210	0.06	13	5	2	10	23	
Women's RR	210	0.06	13	5	2	10	23	
Janitor	40	0.06	2	5	1	5	7	
						AC-3	439	
<b>TOTALS</b>	<b>3,040</b>		<b>182</b>		<b>67</b>	<b>575</b>	<b>TOTAL 695</b>	

## GRILLE AND DIFFUSER SCHEDULE

MARK	MANUFACTURER	SERIES	OBD	MOUNTING	COLOR	MATERIAL	NOTES:
S1	KRUEGER	5180	Y	CEILING	OFF-WHITE	STEEL OR ALUMINUM	SEE NOTES: 1 & 2
S2	KRUEGER	5800	Y	SIDEWALL	OFF-WHITE	STEEL OR ALUMINUM	SEE NOTES: 1 & 2
S3	KRUEGER	5180	Y	BOTTOM OF DUCT	OFF-WHITE	STEEL OR ALUMINUM	SEE NOTES: 1 & 2
R1	KRUEGER	S580H	Y	CEILING	OFF-WHITE	STEEL OR ALUMINUM	SEE NOTES: 1 & 2
R2	KRUEGER	S580H	Y	SIDE OF DUCT	OFF-WHITE	STEEL OR ALUMINUM	SEE NOTES: 1 & 2
L1	KRUEGER	S580H	N	OUTSIDE SOFFIT	OFF-WHITE	ALUMINUM	SEE NOTES: 1 & 2

NOTES:

- PROVIDE ROUND NECK COLLARS FOR CEILING DIFFUSERS UNLESS NOTED OTHERWISE.
- PROVIDE RADIATION DAMPERS AND BALANCING DAMPERS AT ALL SUPPLY GRILLES.

## PACKAGE TERMINAL AIR CONDITIONER SCHEDULE

MARK	MANUFACTURER	MODEL No.	SERVES	NOMINAL COOLING (MBH)	NOMINAL HEATING (MBH)	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	ELECTRICAL (V/Ph/Hz)	MCA/MFS	NOTES:
PTAC-1	FRIEDRICH	PTDE12K	MAINTENANCE	12.0	17.0	375/340/300	75	230/1/60	27/30	-

NOTES:

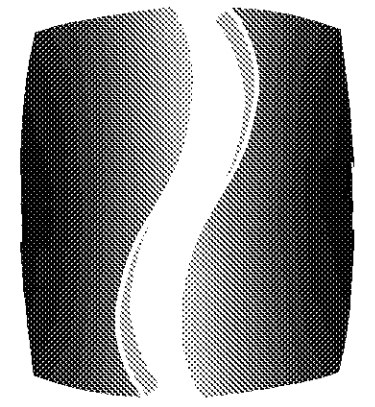
- ROUTE CONDENSATE DRAIN LINE TO LANDSCAPED AREA.
- COORDINATE FINAL LOCATION WITH GC.
- PROVIDE WITH MANUFACTURERS SUPPLIED THERMOSTAT.
- PROVIDE WITH R-410A REFRIGERANT.

## AUTOMATIC DAMPER SCHEDULE

MARK	MANUFACTURER	MODEL No.	TYPE	SIZE	NOTES:
AD-1	GREENHECK	VCD-23	OPPOSED	6x6	-
AD-2	GREENHECK	VCD-23	OPPOSED	8x8	-
AD-3	GREENHECK	VCD-23	OPPOSED	8x8	-

NOTES:

- DAMPER SHALL INTERLOCK WITH FURNACE OPERATION.



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SEAL

ISSUE & REVISION RECORD

#	DATE	DESCRIPTION
	07/07/14	BID SET

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PROJECT

**SPRINGS AT  
FREMAUX  
TOWN CENTER**  
SLIDELL, LA

CLIENT

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DRAWN BY/CHECKED BY PEM

DRAWING TITLE

**MECHANICAL  
SCHEDULES -  
CLUBHOUSE**

SHEET NUMBER

**M6.03**

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