

PACKAGED UNIT SCHEDULE																					
UNIT		FAN				COOLING							HEATING						REMARKS	NOTES	
NO.	SERVICE	MIN CFM	CFM FA	FAN HP	ELECTRIC SERVICE	MIN B.T.U.H OUTPUT	EVAP TEMP (°F)	AMB TEMP. (°F)	ENT. TEMP.		LEAV. TEMP		MIN. BTUH OUTPUT	K.W. ELEC. STRIP	ENT AIR (°F)	LEAV AIR (°F)	MCA	MOCP			ELECTRICAL SERVICE
									D.B. °F	W.B. °F	D.B. °F	W.B. °F									
PAC-1	203 MULTI-PURPOSE ROOM	1,200	180	1/2	240/1/60	36,000	95	40	75.6	63.7	55.0	54.0	34,130	10	63.3	89.6	58	60	240/1/60	BARD MODEL W36AF-A10XXXXU OR APPROVED EQUAL	1,2,3,4,5
PAC-2	203 MULTI-PURPOSE ROOM	1,200	180	1/2	240/1/60	36,000	95	40.0	75.6	63.7	55.0	54.0	34,130	10	63.3	89.6	58	60	240/1/60	BARD MODEL W36AF-A10XXXXU OR APPROVED EQUAL	1,2,3,4,5

- NOTES:
- AIR HANDLING UNIT SHALL BE INTERNALLY FUSED AND WIRED FOR SINGLE POINT CONNECTION.
  - AIR HANDLING UNIT SHALL BE PROVIDED WITH INTEGRAL DISCONNECT.
  - UNIT SHALL BE PROVIDED WITH WALL SLEEVE AND ALL NECESSARY SUPPORTS FOR PROPER INSTALLATION.
  - UNIT SHALL BE PROVIDED WITH BAROMETRIC FRESH AIR DAMPER
  - UNIT SHALL BE PROVIDED WITH NON-DUCTED SUPPLY GRILLE AND RETURN AIR FILTER GRILLE. COORDINATE GRILLE COLOR WITH ARCHITECT.

AIR HANDLER UNIT (DIRECT EXPANSION)																						
UNIT		FAN					COOLING							HEATING						REMARKS	NOTES	
NO.	SERVICE	MIN CFM	CFM FA	EXT SP.	FAN HP	ELECTRIC SERVICE	MIN B.T.U.H OUTPUT	EVAP TEMP (°F)	AMB TEMP. (°F)	ENT. TEMP.		LEAV. TEMP		MIN. BTUH OUTPUT	K.W. ELEC. STRIP	ENT AIR (°F)	LEAV AIR (°F)	MCA	MOCP			ELECTRICAL SERVICE
										D.B. °F	W.B. °F	D.B. °F	W.B. °F									
AHU-1	207 KITCHEN	1,950	300	0.5	1.0	240/1/60	60,000	40.0	95.0	75.7	63.8	55.0	54.0	51,200	15.0	63.1	87.4	85.0	90.0	240/1/60	LENNOX MODEL CBK45UHET-060 OR APPROVED EQUAL	1,2,3,4,5

- NOTES:
- AIR HANDLING UNIT SHALL BE INTERNALLY FUSED AND WIRED FOR SINGLE POINT CONNECTION.
  - AIR HANDLING UNIT SHALL BE PROVIDED WITH INTEGRAL DISCONNECT.
  - UNIT SHALL BE SINGLE-STAGED.
  - UNIT SHALL BE PROVIDED WITH R454B REFRIGERANT.

MINI-SPLIT SYSTEM														
UNIT		FAN		COOLING							HEATING	ELECTRIC MCA/MOCP	REMARKS	NOTES
NO.	SERVICE	CFM	ELECTRIC SERVICE	BTUH OUTPUT	EVAP TEMP °(°F)	AMB TEMP. °(°F)	ENT. TEMP.		LEAV. TEMP		BTUH OUTPUT			
							D.B. °F	W.B. °F	D.B. °F	W.B. °F				
MSAU-1A	212 MEN	390	240/1/60	10,900	40.0	95.0	80.0	67.0	55.0	54.0	12,000	POWERED BY OUTDOOR UNIT	MITSUBISHI MODEL MSZ-GS12NA-U1 OR APPROVED EQUAL	1,2,3
MSAU-1B	214 WOMEN	390	240/1/60	10,900	40.0	95.0	80.0	67.0	55.0	54.0	12,000	POWERED BY OUTDOOR UNIT	MITSUBISHI MODEL MSZ-GS12NA-U1 OR APPROVED EQUAL	1,2,3

- NOTES:
- AIR HANDLING UNIT SHALL BE INTERNALLY FUSED AND WIRED FOR SINGLE POINT CONNECTION.
  - AIR HANDLING UNIT SHALL BE SET UP TO CYCLE WHEN SATISFIED.
  - UNIT SHALL BE CONNECTED TO A PROGRAMMABLE THERMOSTAT.

HIGH VELOCITY LOW SPEED FAN SCHEDULE								
UNIT NO.	SERVICE	FAN DIAMETER	FAN RPM	FAN HP	ELECTRIC SERVICE	COLOR	REMARKS	NOTES
HVLS-A	MULTI-PURPOSE/COVERED OPEN AREA	6'-0"	165	50 W	240/1/60	BY ARCH.	EPIC COLOSSUSS INDUSTRIAL HVLS FAN, MACRO AIR AIRVOLUTION HVLS FAN, GREENHECK HVLS FAN, OR APPROVED EQUAL	1,2

- NOTES:
- PROVIDE STANDARD CONTROLLER WHERE SHOWN.
  - COORDINATE MOUNTING HEIGHT AND LOCATION WITH STRUCTURE AND ADJACENT LIGHTING PRIOR TO INSTALLATION.

AIR COOLED CONDENSING UNIT SCHEDULE									
UNIT NO	SERVICE	BTUH COOLING OUTPUT	EVAP TEMP	AMBIENT TEMP	MCA	MOCP	ELECTRIC SERVICE	MIN. SEER2	REMARKS
CU-1	AHU-1	60,000	40.0	95.0	31.0	50.0	240/1/60	13.4	LENNOX MODEL ML13KC1-060-230 OR APPROVED EQUAL

- NOTES:
- UNIT SHALL BE SINGLE STAGED.

MINI-SPLIT SYSTEM CONDENSING UNIT										
UNIT NO	SERVICE	BTUH COOLING OUTPUT	EVAP TEMP	AMBIENT TEMP	MCA	MOCP	ELECTRIC SERVICE	MIN. S.E.E.R.	HEATING	REMARKS
MSCU-1	MSAU-1	22,000	40.0	95.0	22.1	25.0	240/1/60	20.0	25,000	MITSUBISHI MODEL MXZ-3C24NA4 OR APPROVED EQUAL

- NOTES:
- UNIT SHALL BE PROVIDED WITH LOW AMBIENT CONTROLS.

FAN SCHEDULE											
NO.	SERVICE	MINIMUM CFM	EXTERNAL S.P.	RPM	FAN HP	SONES	TYPE	DRIVE	ELECTRICAL SERVICE	CONTROL	REMARKS
EF-1	212 MEN	175	.25"	825	90 W	0.3	INLINE	DIRECT	120/1/60	OCC SENSOR	GREENHECK MODEL CSP-A200 OR APPROVED EQUAL
EF-2	214 WOMEN	175	.25"	825	90 W	0.3	INLINE	DIRECT	120/1/60	OCC SENSOR	GREENHECK MODEL CSP-A200 OR APPROVED EQUAL
EF-3	206 JANITOR	50	.25"	900	9 W	0.3	CEILING	DIRECT	120/1/60	OCC SENSOR	GREENHECK MODEL SP-A90 OR APPROVED EQUAL
EF-4	101 ENCLOSED PLUMBING CHASE	2240	.25"	1,800	3/4	10.3	WALL	DIRECT	240/1/60	SWITCH/THERMOSTAT	GREENHECK MODEL SE1-18-424-VG OR APPROVED EQUAL

- NOTES:
- FAN SHALL HAVE W.B.E. GRILLE, BACKDRAFT DAMPER, S.S.S.C., AND MOUNTING BRACKETS.
  - MECHANICAL CONTRACTOR SHALL PROVIDE OCCUPANCY SENSOR WITH A 15 MIN TIMER. OCCUPANCY SENSOR SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR.
  - FAN SHALL BE PROVIDED WITH BACKDRAFT DAMPER, INLET GUARD, AND MOUNTING BRACKET/ISOLATORS.
  - INTERLOCK FAN WITH RESPECTIVE MOTORIZED LOUVER. PROVIDE WIREGUARD, WALL COLLAR, GRAVITY SHUTTER, HOA STARTER, AND WEATHER HOOD.

GRILLE SCHEDULE							
LABEL	SIZE	SERVICE	LOCATION	FINISH	REMARKS	NOTES	
A	12"x12"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA, 3 CONE WITH 6" NECK OR APPROVED EQUAL	1,3	
B	24"x24"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA, 3 CONE WITH 8" NECK OR APPROVED EQUAL	1,3	
C	24"x24"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA, 3 CONE WITH 10" NECK OR APPROVED EQUAL	1,3	
D	24"x24"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA, 3 CONE WITH 12" NECK OR APPROVED EQUAL	1,3	
E	24"x24"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA, 3 CONE WITH 14" NECK OR APPROVED EQUAL	1,3	
S	18"x12"	SUPPLY	WALL	W.B.E.	TITUS MODEL 272 FL OR APPROVED EQUAL		
W	12"x12"	RETURN/EXHAUST	CEILING	W.B.E.	TITUS MODEL 50FF EGGCRATE GRILLE WITH REMOVABLE CORE OR APPROVED EQUAL	2	
Y	12"x24"	RETURN/EXHAUST	CEILING	W.B.E.	TITUS MODEL 50FF EGGCRATE GRILLE WITH REMOVABLE CORE OR APPROVED EQUAL	2	
Z	24"x24"	RETURN/EXHAUST	CEILING	W.B.E.	TITUS MODEL 50FF EGGCRATE GRILLE WITH REMOVABLE CORE OR APPROVED EQUAL	2	

- NOTES:
- TOPS OF ALL DIFFUSERS SHALL BE INSULATED. REFER TO DETAIL.
  - SHEET METAL CONTRACTOR TO PROVIDE SHEET METAL CEILING BOX FOR ATTACHMENT OF DUCTWORK TO RA/EA AIR REGISTER.
  - ALL SUPPLY DIFFUSERS SHALL BE 4-WAY PATTERN UNLESS SHOWN OTHERWISE ON PLANS. REFER TO DETAIL.

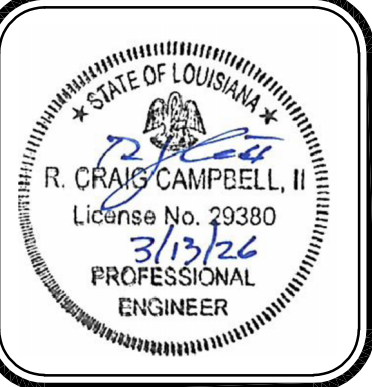
### AIR BALANCE SCHEDULE - PER ZONE

ITEM	O.A.	E.A.	PRESSURE
AHU-1	300		300
PAC-1	180		180
PAC-2	180		180
EF-1		-175	-175
EF-2		-175	-175
EF-3		-50	-50
KEF-1		-800	-800
KSF-1	640		640
TOTAL	1300	-1200	100



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