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AIR HANDLER UNIT SCHEDULE																						
FAN							COOLING							HEATING								
NO.	SERVICE	MIN. C.F.M.	C.F.M. F.A.	EXT. S.P.	FAN H.P.	ELECTRIC SERVICE	MIN. B.T.U.H. OUTPUT	EVAP. TEMP. (°F)	AMB. TEMP. (°F)	ENT. TEMP. D.B.°F	LEAV. TEMP. D.B.°F	B.T.U.H. OUTPUT	K.W. ELEC. MIN.	STRIP MAX.	NO. STAGES	ENT. AIR (°F)	LEAV. AIR (°F)	ELECTRIC SERVICE	REMARKS			NOTES
AHU-1	SEE PLANS	1200	120	0.5	1/2	240/1/60	36,000	40	95	77.03	64.63	55.0	54.0	32,800	9.6	--	1	65.5	90.8	240/1/60	TRANE MODEL 5TEM4B03AC31SA OR APPROVED EQUAL	1
AHU-2	SEE PLANS	600	90	0.5	1/3	240/1/60	18,000	40	95	78.05	65.64	55.0	54.0	16,400	4.8	--	1	63.3	88.6	240/1/60	TRANE MODEL 5TEM4B02AC21SA OR APPROVED EQUAL	1
AHU-3	SEE PLANS	800	120	0.5	1/3	240/1/60	24,000	40	95	78.05	65.64	55.0	54.0	26,200	7.7	--	1	63.3	93.6	240/1/60	TRANE MODEL 5TEM4B02AC21SA OR APPROVED EQUAL	1
AHU-4	SEE PLANS	1,200	120	0.5	1/2	240/1/60	36,000	40	95	77.03	64.63	55.0	54.0	32,800	9.6	--	1	65.5	90.8	240/1/60	TRANE MODEL 5TEM4B03AC31SA OR APPROVED EQUAL	1
AHU-5	SEE PLANS	1,000	150	0.5	1/2	240/1/60	30,000	40	95	78.05	65.64	55.0	54.0	32,800	9.6	--	1	63.3	93.6	240/1/60	TRANE MODEL 5TEM4B03AC31SA OR APPROVED EQUAL	1

NOTES:
1) AIR HANDLING UNIT SHALL BE PROVIDED WITH INTEGRAL DISCONNECT INTERNAL OF THE UNIT.

AIR COOLED DUCTLESS UNIT SCHEDULE (MINI-SPLIT SYSTEM - INDOOR UNIT)																							
FAN							COOLING								HEATING					REMARKS			NOTES
UNIT NO.	SERVICE	C.F.M.	C.F.M. F.A.	EXT. S.P.	FLA	MCA	ELECTRIC SERVICE	MAX. B.T.U.H. OUTPUT	RATED B.T.U.H. OUTPUT	MIN. B.T.U.H. OUTPUT	EVAP. TEMP. (°F)	AMB. TEMP. (°F)	ENT. TEMP. D.B. °F	W.B. °F	LEAV. TEMP. D.B. °F	W.B. °F	MAX. B.T.U.H. OUTPUT	RATED B.T.U.H. OUTPUT	MIN. B.T.U.H. OUTPUT				
MSAC-1	SEE PLANS	740	100	.60"	1.80	2.25	240/1/60	24,000	24,000	9,900	40	95	77.7	65.3	55.0	54.0	28,000	26,000	10,000	63.9	99.0	MITSUBISHI PEAD-A24NHAT OR APPROVED EQUAL	1, 2
MSAC-2	SEE PLANS	435	0	.0"	0.65	1.00	240/1/60	9,000	6,000	1,700	40	95	75.0	62.5	55.0	54.0	14,000	8,700	1,600	70.0	99.8	MITSUBISHI MSZ-FS06NA OR APPROVED EQUAL	

NOTES:
1) UNIT IS POWERED BY THE OUTDOOR CONDENSING UNIT (MSCU-1).
2) FILTER RACK SHALL BE PROVIDED BY MANUFACTURER FULL SIZE OF RETURN AIR OPENING.

AIR COOLED DUCTLESS UNIT SCHEDULE (MINI-SPLIT SYSTEM - OUTDOOR UNIT)															
UNIT NO.	SERVICE	BTUH COOLING	BTUH HEATING OUTPUT @ 47°F	SEER2	EER2	HSPF2	COP @ 47°F	EVAP. TEMP	AMB. TEMP COOLING	MCA	MOCF	ELECTRIC SERVICE	REMARKS	NOTES	
MSCU-1	MSAC-1	24,000	28,000	20.1	12.2	9.3	4.2	40	95	19.0	26.0	240/1/60	MITSUBISHI FUZ-A24NHAT OR EQUAL	1	
MSCU-2	MSAC-2	9,000	14,000	32.2	19.0	11.9	4.7	40	95	10.0	15.0	240/1/60	MITSUBISHI MUZ-FS06NA OR EQUAL	1	

NOTES:
1) UNIT POWERS THE INDOOR WALL MOUNTED UNIT.

AIR COOLED CONDENSING UNIT SCHEDULE												
UNIT No	SERVICE	BTUH COOLING OUTPUT	EVAP TEMP	AMBIENT TEMP	FLA	MCA	MOCF	ELECTRIC SERVICE	MIN. S.E.E.R. 2	REMARKS	NOTES	
CU-1	AHU-1	36,000	40°F	95°F	13.4	16.6	30.0	240/1/60	14.0	TRANE 5TTR4036A1000 OR APPROVED EQUAL	1	
CU-2	AHU-2	18,000	40°F	95°F	7.6	9.0	20.0	240/1/60	14.0	TRANE 5TTR4018A1000 OR APPROVED EQUAL	1	
CU-3	AHU-3	24,000	40°F	95°F	11.6	14.0	20.0	240/1/60	14.0	TRANE 5TTR4024A1000 OR APPROVED EQUAL	1	
CU-4	AHU-4	36,000	40°F	95°F	13.4	16.6	30.0	240/1/60	14.0	TRANE 5TTR4036A1000 OR APPROVED EQUAL	1	
CU-5	AHU-5	30,000	40°F	95°F	13.4	17.0	25.0	240/1/60	14.0	TRANE 5TTR4030A1000 OR APPROVED EQUAL	1	

NOTES:
1) PROVIDE AN IMC-450 PROGRAMMABLE THREE PHASE VOLTAGE MONITOR WITH 25 FAULT MEMORY ON ALL EQUIPMENT REQUIRING THREE PHASE ELECTRICAL.

FAN SCHEDULE															
No.	SERVICE	MIN. CFM	EXT. SP	RPM	SONES	FAN HP	TYPE	DRIVE	ELECTRIC SERVICE	CONTROL	REMARKS			NOTES	
EF-1	SEE PLANS	70	.375"	755	1.4	27.6W	CENT.	DIRECT	120/1/60	OCC. SENS. 1/5 MIN. TIMER	COOK MODEL 6C-146 OR APPROVED EQUAL			1,2	
EF-2	SEE PLANS	70	.375"	755	1.4	27.6W	CENT.	DIRECT	120/1/60	OCC. SENS. 1/5 MIN. TIMER	COOK MODEL 6C-146 OR APPROVED EQUAL			1,2	
EF-3	SEE PLANS	70	.375"	755	1.4	27.6W	CENT.	DIRECT	120/1/60	OCC. SENS. 1/5 MIN. TIMER	COOK MODEL 6C-146 OR APPROVED EQUAL			1,2	
EF-4	SEE PLANS	70	.375"	755	1.4	27.6W	CENT.	DIRECT	120/1/60	OCC. SENS. 1/5 MIN. TIMER	COOK MODEL 6C-146 OR APPROVED EQUAL			1,2	
EF-5	SEE PLANS	100	.375"	752	1.4	27.8W	CENT.	DIRECT	120/1/60	OCC. SENS. 1/5 MIN. TIMER	COOK MODEL 6C-146 OR APPROVED EQUAL			1,2	

NOTES:
1) PROVIDE S.S.S.C, W.B.E. GRILLE, BACKDRAFT DAMPER, AND MOUNTING BRACKETS
2) MECHANICAL CONTRACTOR SHALL PROVIDE OCCUPANCY SENSOR WITH A 15 MINUTE TIMER. OCCUPANCY SENSOR SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR.

MECHANICAL SYMBOL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
①	THERMOSTAT SENSOR	— DO —	BALL VALVE
③	WALL SWITCH OR MOTION SENSOR	— C —	CONDENSATE DRAIN LINE
A.F.F.	ABOVE FINISHED FLOOR	— S —	SUCTION LINE (REFRIGERANT)
A.F.G.	ABOVE FINISHED GRADE	— L —	LIQUID LINE (REFRIGERANT)
CFM	CUBIC FEET PER MINUTE	AC-1	AIR CONDITIONING UNIT 1
EF	EXHAUST FAN	A100	DIFFUSER/GRILLE TYPE AND CFM
S/A	SUPPLY AIR	MCA	MINIMUM CIRCUIT AMPACITY
R/A	RETURN AIR	HP	HORSEPOWER
O/A	OUTSIDE AIR	S.P.	STATIC PRESSURE
E/A	EXHAUST AIR	S.E.E.R.	SEASONAL ENERGY EFFICIENCY RATIO
HVAC	HEATING, VENTING AIR CONDITIONING	B.T.U.H.	BRITISH THERMAL UNITS PER HOUR
TYP.	TYPICAL	RPM	REVOLUTIONS PER MINUTE
S.S.S.C.	SOLID STATE SPEED CONTROLLER	Ø	MANUAL VOLUME BALANCING DAMPER
F.L.A.	FULL LOAD AMPS	└─┘	MANUAL VOLUME BALANCING DAMPER
⊗	CONNECT TO EXISTING		

GRILLE SCHEDULE								
SYMBOL	SIZE	SERVICE	LOCATION	FINISHED	REMARKS		NOTES	
A	12"x12"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TDC-AA OR APPROVED EQUAL		1,2	
B	24"x24"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA 1/4" 6" NECK OR APPROVED EQUAL		1,2	
C	24"x24"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA 1/4" 8" NECK OR APPROVED EQUAL		1,2	
D	24"x24"	SUPPLY	CEILING	W.B.E.	TITUS MODEL TMS-AA 1/4" 10" NECK OR APPROVED EQUAL		1,2	
R	24"x12"	RETURN	CEILING	W.B.E.	TITUS MODEL SOFF EGGCRATE OR APPROVED EQUAL		1,3,4	
S	24"x24"	RETURN	CEILING	W.B.E.	TITUS MODEL SOFF EGGCRATE OR APPROVED EQUAL		1,3,4	
T	12"x12"	EXHAUST	CEILING	W.B.E.	TITUS MODEL SOFF EGGCRATE OR APPROVED EQUAL		1,3,4	

NOTES:
1) SHALL BE CONSTRUCTED OF ALUMINUM. COORDINATE FRAME TYPE WITH ROOM CEILING TYPE AS NOTED ON ARCHITECTURAL DRAWINGS.
2) GRILLE SHALL BE 4-WAY THROW UNLESS OTHERWISE.
3) PROVIDE SQUARE TO ROUND DUCT CONNECTION.
4) GRILLE SHALL HAVE REMOVABLE CORE FOR CLEANING.

APPROVED EQUALS: THE FOLLOWING MANUFACTURERS OF HVAC MATERIALS OF COMPARABLE QUALITY TO THOSE ITEMS SPECIFIED ARE CONSIDERED APPROVED EQUALS SUBJECT TO COMPLIANCE WITH REQUIREMENTS OF THE INDIVIDUAL SPECIFICATIONS.

ITEM	MANUFACTURERS
DX SPLIT SYSTEMS	TRANE, LENNOX, CARRIER, YORK, DAIKIN
MINI-SPLIT SYSTEMS	MITSUBISHI, LG, DAIKIN
AIR DISTRIBUTION	PRICE INDUSTRIES, TITUS, NAILOR, METALAIR
SPINS	FLEXMASTER, DAGE, KRUEGER
LOW PRESSURE FLEXIBLE DUCT	FLEXMASTER, THERMAFLEX, QUIETFLEX
MOTORIZED DAMPER	GREENHECK, RUSKIN, NAILOR, LEADER, POTTORFF
MANUAL DAMPERS	GREENHECK, RUSKIN, NAILOR, LEADER, POTTORFF
TAKE-OFFS & DAMPERS	JER-AIR
PRESSURE RELIEF DOORS	GREENHECK, RUSKIN, NAILOR
INTAKE/RELIEF HOODS	GREENHECK, RUSKIN, NAILOR, CREATIVE METALS, PENN/BARRY
ACCESS DOORS	GREENHECK, RUSKIN, NAILOR, FLEXMASTER, POTTORFF
LOUVERS	GREENHECK, RUSKIN, NAILOR, ARROW, UNITED ENERTECH/POTTORFF
FANS (ALL TYPES)	GREENHECK, COOK, ILG/AMERICAN COOLAIR, TWIN CITY, PENN/BARRY
ELECTRIC UNIT HEATERS	MARKEL, RAYWALL, REDDI, QMARK, INDEECO, WARREN
WALL HEATERS	MARKEL, RAYWALL, REDDI, QMARK
RIGID SNAPLOCK DUCT	JOVAL
SPIRAL PIPE AND FITTINGS	SPIRAL PIPE OF TEXAS, UNITED MCGILL, EASTERN SHEETMETAL, SEMCO, HAMLIN SHEET METAL, DUCT DIRECT, HAMLIN S/M.

AIR BAL. SCH. - NEW 1ST FLR.					
ITEM	O.A.	R.A.	S.A.	E.A.	PRESSURE
AHU-1	120	1080	1200	---	+120
AHU-2	90	510	600	---	+90
TOTALS	210	1590	1800	0	+210

AIR BAL. SCH. - NEW 2ND FLR.					
ITEM	O.A.	R.A.	S.A.	E.A.	PRESSURE
AHU-3	120	680	800	---	+120
AHU-4	120	1080	1200	---	+120
MSAC-1	0	435	435	---	+0
EF-3				70	-70
EF-4				70	-70
TOTALS	240	2195	2435	140	+100

AIR BAL. SCH. - EXT 1ST FLR.					
ITEM	O.A.	R.A.	S.A.	E.A.	PRESSURE
MSAC-1	100	640	740	---	+100
EF-1				70	-70
EF-2				70	-70
TOTALS	100	640	740	140	+40

NOTE: REMAINING O/A SHALL BE OBTAINED FROM EXISTING UNITS SERVING MEETING ROOM TO MAKE THE ZONE POSITIVELY PRESSURED.

AIR BAL. SCH. - EXT 2ND FLR.					
ITEM	O.A.	R.A.	S.A.	E.A.	PRESSURE
AHU-5	150	850	1000	---	+150
EF-5				100	-100
TOTALS	150	850	1000	100	+50



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4	ADDENDUM NO. 4	05.14.2026
NO.	REVISIONS/SUBMISSIONS	DATE

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CARENCRO
CITY HALL
EXPANSION
2026



210 EAST ST. PETER STREET CARENCRO, LOUISIANA

Drawing Title HVAC SCHEDULES		
	Designed DEP	Project No. 2024.006
	Drawn RW	Scale AS NOTED
	Checked RCC	Drawing No. M.600R1
	Reviewed RCC	Date FEB. 10, 2026
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