

MECHANICAL SCHEDULES AND NOTES

SCALE: N.T.S.

IAQ – VENTILATION DESIGN CRITERIA					
AREA SERVED	DESIGN OCCUPANCY	VENTILATION RATE	VENTILATION RATE	VENTILATION REQUIRE	VENTILATION/PROVIDE
AREA	AREA	CFM/SCF	CFM/PEOPLE	CFM	CFM
AC #1 Bay 101	17 PEOPLE 1180 SCF	0.12	7.5	269	275
AC #2 Bay 102 102 102 104 105 106 108	10 PEOPLE 660 SCF	0.12	7.5	154	155
AC #3 Bay 109 110 111	13 PEOPLE 860 SCF	0.12	7.5	200	205
AC #4 Bay 112 113 114 115 116 117 118 119 120	8 PEOPLE 530 SCF	0.12	7.5	123	125
AC #2 Bay 121	12 PEOPLE 815 SCF	0.12	7.5	187	195
RU #1 Bay 201 221	17 PEOPLE 1165 SCF	0.12	7.5	269	275
RU #2 Bay 202 203 204 205 206 207 208	10 PEOPLE 660 SCF	0.12	7.5	154	155
RU #3 Bay 209 210 211	13 PEOPLE 890 SCF	0.12	7.5	204	205
RU #2 Bay 212 213 214 215 216 217 218 219 220	12 PEOPLE 765 SCF	0.12	7.5	181	185

NOTES:
1. DESIGN BASED ON THE VENTILATION RATE PROCEDURE PER F.B.C. MECH. TABLE 403.3.
2. THE DESIGN WILL NEED TO BE RE-EVALUATED IF, AT A LATER TIME, CHANGES OCCUR IN THE USAGE OF THE SPACE, OR IF UNUSUALLY STRONG SOURCES OF SPECIFIC CONTAMINANTS ARE INTRODUCED INTO THE SPACE.

SPLIT A/C UNIT SCHEDULE

AIR COOLED CONDENSING UNIT									
UNIT DESIGNATION		AM# #1 (1 UNIT)	AM# #2 (3 UNITS)	AM# #3 (3 UNITS)	AM# #4 (3 UNITS)				
		BAV 101	102,103,104,105,106,107, 108,121	109,110,111	BAV 112,113,114,115,116,117,118,119,120				
LOCATION									
DESIGN MANUFACTURER		CARRIER	CARRIER	CARRIER	CARRIER				
MODEL NO.		PK40R061	PK40R037	PK40R049	PK40R025				
SEER / EER		13.5/	14.5/	14.5/	14.5/				
TOTAL AIR, CFM (NOMINAL)		2000	1200	1600	800				
TOTAL AIR, CFM		SEE REFRIGERANT DESIGN SECTION 10.4	SEE REFRIGERANT DESIGN SECTION 10.4	SEE REFRIGERANT DESIGN SECTION 10.4	SEE REFRIGERANT DESIGN SECTION 10.4				
OUTDOOR AIR, CFM									
EXT. STATIC PRESS. INCHES OF H2O		0.4	0.4	0.4	0.4				
FAN MOTOR FLA - HP		6.0 - 3/4	4.1 - 1/2	6.0 - 3/4	2.8 - 1/3				
ELECTRIC HEAT, KW, MAX, MOP*		10.0, 53.8, 80	8.0, 44.7, 45	8.0, 44.7, 45	5.0, 26.0, 30				
TOTAL CAPACITY, MBH		58.3	36.2	49.8	24.5				
TOTAL SENSIBLE CAPACITY, MBH		43.4	28.6	39.0	18.9				
ENTERING AIR TEMP. °F DB/RA		80/67	80/67	80/67	80/67				
COIL AREA (SQ FT)		--	--	--	--				
ELECTRICAL SERVICE		208-240/1/60	208-240/1/60	208-240/1/60	208-240/1/60				
UNIT WEIGHT, LBS.		201	157	185	122				
UNIT DIMENSIONS (MMX H)		22 x 25 x 59	22 x 21 x 50	22 x 25 x 54	22 x 18 x 50				
UNIT DESIGNATION		CU #1	CU #2	CU #3	CU #4				
DESIGN MANUFACTURER		CARRIER	CARRIER	CARRIER	CARRIER				
MODEL NO.		24ABR30A	24ABR33A	24ABR34A	24ABR32A				
NOMINAL CAPACITY (TONS)		3.0	3.0	4.0	2.0				
TYPE OF FAN		PROPELLER	PROPELLER	PROPELLER	PROPELLER				
NO. OF FANS, FLA - HP		1, 1.4 & 1/4	1 1/4 - 1/4	1, 1.4 & 1/4	1 0.77 - 1/10				
AMBIENT AIR TEMP. DB °		95°	95°	95°	95°				
CONDENSING TEMP. °F DB°		--	--	--	--				
NO. OF COMPRESSORS		1/SCROLL	1/SCROLL	1/SCROLL	1/SCROLL				
COMPRESSORS R/LA, L/R.A.		26.4 / 134.0	15.3 / 77.0	19.9 / 109.0	13.5 / 58.3				
CAPACITY REDUCTION		--	--	--	--				
MAX MOP*		34.2 / 50	21.5 / 30	26.2 / 40	17.6 / 25				
ELECTRICAL SERVICE		208-240/1/60	208-240/1/60	208-240/1/60	208-240/1/60				
OPERATING WEIGHTS, LBS.		180	141	186	110				
UNIT DIMENSIONS (MMX H)		32 x 32 x 26	28 x 26 x 33	32 x 32 x 36	23 x 23 x 26				
REF. UNIT GAS, TYPE		1-1/8 R-410A	7/8 R-410A	7/8 R-410A	3/4 R-410A				
REF. UNIT LIQUID		3/8	3/8	3/8	--				

HYAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR	X	--
FIRE DAMPER(S)	--	X
SMOKE DAMPER(S)	--	X
FIRE RATED ENCLOSURE	--	X
FIRE RATED ROOF / FLOOR CEILING ASSEMBLY	--	X
FIRE STOPPING	--	X
SMOKE CONTROL	--	X

NOTES:

1. CONDENSING UNIT LINE VOLTAGE – AIR HANDLER AVAILABLE ONLY IN 208/230-1-60.
2. ALL THERMOSTATS SHALL BE PROGRAMMABLE TYPE.
3. DUCTS RATED WITH 25FT OF LINESET LENGTH SET WORK LINE STRING SIZE/CAPACITY LOSS INSTEAD WHEN DUCTS OTHER.
4. ALL EXTERIOR COILS TO BE COATED.
5. HIGH EFFICIENCY ECM BLOWER MOTOR – ONE (5) SPEED.

DIFUSER SCHEDULE

TYPE	SERVICE	CFM RANGE		SIZE	NECK	MANUFACTURER/MODEL
		MIN.	MAX.			
A	DUCT MOUNT MOTOR SPLIT SYSTEM DIFFUSER	0	150	6/6	6"	TTUS 250 AA
		101	160	8/8	8"	TTUS 250 AA
		151	240	10/10	8"	TTUS 250 AA
		241	350	12/12	10"	TTUS 250 AA
		351	460	14/14	12"	TTUS 250 AA
		461	600	16/16	12"	TTUS 250 AA
B	DUCT MOUNT RETURN AIR GRILLE (3500BHE)	601	800	18/18	14"	TTUS 250 AA
		711 1801	1800 2625	20/20 24/24	--- ---	TTUS 30F TTUS 30F

- 1 DIFFUSER ANUITS WITH OPPOSED BLOW CAMBERS
- 2 PROTRUSER ANUITS SIZE SHALL BE DRIVERS NECK SIZE, UNLESS OTHERWISE NOTED ON PLANS
- 3 ALL SUPPLY AIR DRUSERS AIR THROW PATTERNS ARE 4-WAY UNLESS OTHERWISE INDICATED ON MECHANICAL PLANS
- 4 PROTRUSER AIR MOUNT HARDWARE IN ALL INACCESSABLE CEILING SYSTEMS
- 5 PROTRUSER AIR MOUNT HARDWARE IN ALL DISPERSED CEILING SYSTEMS
- 6 PROTRUSER AIR MOUNT HARDWARE IN ALL DISPERSED CEILING SYSTEMS
- 7 PROTRUSER AIR MOUNT HARDWARE IN ALL DISPERSED CEILING SYSTEMS
- 8 REFER TO ARCHITECTURAL SELECTED CEILING PLAN FOR LOCATIONS OF DIFFUSERS
- 9 PROTRUSER SELECTION BASED ON A MAXIMUM RATED NOISE OF NC-19

PACKAGED ROOFTOP AIR CONDITIONING EQUIPMENT SCHEDULE

SELECTION BASED ON CARRIER																													
MARK	MODEL	CFL		HEATER		INDOOR FAN		COMPRESSOR		COND. FAN		TOTAL MAX		SYSTEM ELECTRICAL		CAPACITY				SEER / EER	DIMENSIONS (INCHES)		REF. TYPE CHARGE (LBS)	SERVICE					
		TOTAL	OA	KW	STEP	ESP	HP	FLA/LRA	NO.	LRA	NO.	FLA	HP	MCA	FUSE	KW	VOLTS/PH/Hz	TIMH	SMWH		TONS	DR/MB			Ambient	WT (LBS)	H X W X L		
RTU#1	50T00A6-3	2000	SEF CALCS	5.0	1	1/2	1.5	7.0/--	1	26.2	134.0	1	1.5	1/4	41.3	60	--	206/1/60	61.9	47.7	5.0	80/67	95	13.0	524	34 X 47 X 75	R-410A	201, 221	202 203 204 205 206 207 208 209 210 213 214 215 216 217 218 219 220
RTU#2	50T00A4-3	1200	SEF CALCS	5.0	1	1/2	1.2	4.9/--	1	16.6	79	1	1.5	1/4	27.3	40	--	206/1/60	34.8	25.1	3.0	80/67	95	13.0	438	34 X 47 X 75	R-410A	202 203 204 205 206 207 208 209 210 213 214 215 216 217 218 219 220	
RTU#3	50T00A5-3	1600	SEF CALCS	5.0	1	1/2	1.2	7.0/--	1	21.8	117	1	1.5	1/4	33.7	50	--	206/1/60	44.8	34.6	4.0	80/67	95	13.0	438	34 X 47 X 75	R-410A	209 210 211	202 203 204 205 206 207 208 209 210 213 214 215 216 217 218 219 220

ROOFTOP AC NOTES

- OUTSIDE AIR DESIGN CONDITIONS: 92/70B – 78°F/64.7°F/60.0°F
 2. PROVIDE A/C UNITS WITH HEATING AND COOLING PROGRAMMABLE THERMOSTATS.
 3. PROVIDE 0-25 % MOTORIZED OUTSIDE AIR INTAKE DAMPER. DAMPER SHALL CLOSE UPON INDOOR FAN SHUTOFF. RAINHOOD AND FILTER SHALL BE PROVIDED.
 4. PROVIDE 14" FACTORY FABRICATED ROD/CUBB WITH PROPER VIBRATION ISOLATORS.
 5. PROVIDE SINGLE POINT KIT FOR ELECTRICAL HOOK-UP. RETARDANT ARMALEX.

GENERAL NOTES:

1. ALL MECHANICAL SYSTEMS ARE TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE NFA STANDARDS, MIST STANDARDS, THE LOCAL BUILDING CODE, NOISE & VIBRATION GUIDELINES, PLANS AND SPECIFICATIONS.
 2. ALL MATERIALS SHALL BE NEW AND THE WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE NFA STANDARDS, MIST STANDARDS, THE LOCAL BUILDING CODE, NOISE & VIBRATION GUIDELINES, PLANS AND SPECIFICATIONS. RULES AND ORDINANCES, ANY DAMAGED EQUIPMENT SHALL BE REPAIRED OR RESTORED TO ORIGINAL CONDITION.
 3. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, ACCESS PASSES, CONTROL SYSTEMS, DEVICES, PERMITS AND SERVICES NECESSARY FOR THE INSTALLATION AND COMPLETION OF THE MECHANICAL SYSTEMS, INCLUDING FORMING AND INSTALLING A COMPLETE DEPENDABLE MECHANICAL SYSTEM.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY APPROVING, COLORING AND TEXTURES AS REQUIRED BY ARCHITECT, VARYING COLOR AND TEXTURE WITH ARCHITECT. PAINT ALL EXPOSED MECHANICAL EQUIPMENT WITH BENJAMIN MOORE PONY EMERALD 182.
 5. ALL CUTTING, PUNCHING, STRUCTURAL STEEL, WEATHER PROTECTING, PAINTING, AND WALL FINISHING SHALL BE BY THE GENERAL CONTRACTOR.
 6. ALL OPENINGS IN BUILDING STRUCTURE FOR DUCTWORK, PIPING, ETC., TO BE MADE IN ACCORDANCE WITH THE NFA STANDARDS, MIST STANDARDS, THE LOCAL BUILDING CODE, NOISE & VIBRATION GUIDELINES, PLANS AND SPECIFICATIONS.
 7. BUILDING HVAC CALCULATIONS ARE BASED ON THE FOLLOWING:
 - A. INDOOR DESIGN: SUMMER 95 DB/55% RH, WINTER 46 DB.
 - B. OUTDOOR DESIGN: SUMMER 95 DB/79 DB, WINTER 46 DB.
 - C. BUILDING CONDITIONS:











GLASS U VALUE	0.95
GLASS S.C.	0.85
WALL U VALUE	0.2
ROOF U VALUE	0.05
 8. ALL STORAGE ROOMS, TOILETS, ETC., WILL HAVE UNDERFLOO DOORS TO PROVIDE VENTILATION REQUIRED WHEN DOOR OR TRANSFER GRATES ARE NOT SHOWN. IF APPLICABLE.
 9. PROVIDE REMOTE CONTROL OF ALL FANS THAT EXHAUST MECHANICAL AND ELECTRICAL ROOMS, IF APPLICABLE.
 10. PROVIDE FLEXIBLE DUCT CONNECTIONS RATED AS REQUIRED, TO ALL FANS, A/C UNITS, OR MECHANICAL EQUIPMENT.
 11. PROVIDE MAINTENANCE AND OPERATION MANUAL ON ALL MECHANICAL EQUIPMENT OR SYSTEMS, PROVIDE A SET OF SUBMITTALS ON ALL MECHANICAL EQUIPMENT. SUBMITTALS SHALL HAVE A SUMMARY SHEET SHOWING ALL SHEETED INFORMATION.
 12. HVAC CONTRACTOR WILL WARRANT ALL MECHANICAL SYSTEMS, DUCTWORK, PIPING, ELECTRICAL, AND CONTROLS FOR A PERIOD OF ONE (1) YEAR AFTER G.O.F. DRAWINGS AND SPECIFICATIONS FOR A PERIOD OF ONE (1) YEAR AFTER G.O.F. BUILDING, AND REPAIRS REQUIRING SYSTEM SHUT DOWN WILL BE DONE DURING NON OPERATIONAL PERIODS.
- MECHANICAL EQUIPMENT NOTES:**

HVAC NOTES:

1. PROVIDE STRANDED COPPER CONTROL WIRING.
11. PROVIDE 1/2" THICK ALUMINUM OR STEEL FLOOR JOINTS BEING SLIPS, BARS, JOINTS AND CORNERS AND PROVIDE NECESSARY TRANSITIONS AS REQUIRED FOR CLOSURE INSTALLATION.
12. ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/30.
13. PROVIDE A MIN. OF 3" CLEARANCE IN FRONT OF ALL 120-240 VOLT PANELS AND A CLEARANCE IN FRONT OF 480 VOLT PANEL. PROVIDE ADEQUATE SIDE CLEARANCE PER NEC.
14. PROVIDE WORK STARTERS AS FOLLOWS (UNLESS OTHERWISE RECOMMENDED BY A.E.):
 - A. PROVIDE OVERHEAD PROTECTION - 1/2" HP AND ABOVE (ALL PHASES).
 - B. PROVIDE REDUCED VOLTAGE STARTING 25 AND ABOVE.
 - C. PROVIDE ACROSS THE LINE VOLTAGE STARTING BELOW 25 HP.
15. ALL OUTDOOR EQUIPMENT SHALL COMPLY WITH LOCAL JOINTING CODES (ORDINANCES) OR NOT EXCEED A WORKER LOAD OF 65 LBS OR AS REQUIRED MAXIMALLY 30 FEET FROM THE EQUIPMENT IN ALL DIRECTIONS.
16. FOR ALL BEEHIVE BAYS PROVIDE ONE SET OF ADJUSTABLE PULLEYS FOR PER BEEHIVE.
17. PROVIDE 1/2" THICK ALUMINUM OR STEEL FLOOR JOINTS BEING SLIPS, BARS, JOINTS AND CORNERS AND PROVIDE NECESSARY TRANSITIONS AS REQUIRED FOR CLOSURE INSTALLATION.
18. VERIFY WITH ARCHITECT ALL LOCATIONS OF DOWNERS, DRILLES, SWITCHES, ACCESS PANELS ETC., BEFORE INSTALLATION.
19. AIR DISTRIBUTION / DOWNCOMER NOTES:
 - 1. REFER TO ARCHITECTURAL PLANS FOR CEILING THE.
 - 2. PROVIDE OFF WHITE FINISH (SUBJECT TO ARCHITECT'S APPROVAL).
 - 3. USE SPLT IN COLLAR WITH VOLUME DAMPER AT TRUNK TO FLEX DUCT CONNECTION. (SEE DETAIL)
20. ALL DOWNCOMER WERE ALLOWED BY LOCAL CODES AND CEILING RATING SHALL BE AS FOLLOWS:
 - A. SUPPLY AIR - RIGID FIBRE GLASS DUCT BOARD 1"-7/8" THICK (6-6) INSULATION OPERATING STATIC PRESSURE 4.2 IN. WG (500 PA)
 - B. RETURN AIR - SAME AS SUPPLY AIR DUCT WORK
 - C. EXHAUST AIR - MINIMUM 30 GAGE, GALVANIZED METAL, OR MINIMUM 26 GAGE ALUMINUM.
 - D. OUT SIDE AIR - NOT LARGER THAN 30 GAGE, GALVANIZED METAL, OR 26 GAGE MINIMUM ALUMINUM INSULATION (6-6).
 - E. DRYER DOWNCOMER: 26 GA. MIN. GALVANIZED STEEL, HAVING A SMOOTH INTERIOR SURFACE WITH JOINTS RUNNING IN THE DIRECTION OF AIR FLOW. MINIMUM WALL THICKNESS SHALL EXCEED 25 FEET. MIN. WALL COPS SHALL BE PROVIDED WITH BACKDRAFT DAMPER, NO SCREEN IF APPLICABLE.
21. ALL DOWNCOMER AND DIFFUSERS SHALL BE PAID FOR THE USE, PRESSURE AND TEMPERATURE SPECIFIED AND AS REQUIRED BY THE CEILING SYSTEM RATING.

VENTILATION FAN SCHEDULE

UNIT DESCRIPTION	EF-1
AREA SERVED	BATHROOMS MOP SINK
OPERATING WEIGHT, LBS	17
LOCATION	CEILING
PAN TYPE	CELLING PAN
TOTAL MC CFM	50
DRIE TYPE	DIRECT
PAN WHEEL TYPE	CENTRIFUGAL
PAN TIP SPEED, FPM MAX.	---
PAN SPEED, RPM	950
TOTAL STATIC PRESSURE	0.25"
PAN MOTOR POWER	.55A / 1/4W
PAN MOTOR STARTER TYPE	WALL SWITCH
STARTER FURNISHED BY	MC
ELECTRICAL SERVICE	120-1-60
UNIT DIMENSIONS WxHx (IN)	14 X 11 X 11
SONES	1.6
DESIGN MANUFACTURER	GREENHOCK
MODEL NUMBER	SFA - 90
SERVICE SWITCH	YES
SMOKE DETECTOR (UL APPROVED)	NO
FIRE DAMPER	---
CONSTRUCTION	ALUM/STEEL
DAMPER SIZE	BUILT-IN
DUCT SIZE	6"
ROOF OPENING	NO
THERMOSTAT CONTROL	NO
FACTORY FABRICATED CURB	NO
FILTER AND FILTER FRAME	NO

HVAC SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	SUPPLY DUCT
	RETURN/EXHAUST DUCT
	FLEXIBLE DUCT
	ELBOW W/ TURNING VALVES
REF. S&L	REFRIGERANT SUCTION & LIQUID LINES
	EXHAUST FAN
	DUCT SMOKE DETECTOR
	COOLING THERMOSTAT
	AAB: NECK SIZE
	AIR DEVICE TYPE
	SUPPLY AIR
SA	RETURN AIR
RA	CUBIC FEET PER MINUTE
CFM	AIR HANDLER UNIT
AHU	CONDENSER UNIT
CU	VOLUME DAMPER
VD	MOTORIZED DAMPER
M	

6. ALL DUCT WORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH "SMOKE" STANDARDS AND LOCAL BUILDING CODES.
7. ALL DUCT SYSTEMS BE CLEAR INSIDE DIMENSIONS.
8. SEAL ALL JOINTS, JOISTS AND SEAMS IN AN APPROVED MANNER AND INSURE AGAINST LEAKAGE.
9. PROVIDE ACCESS DOORS AS REQUIRED FOR ALL MECHANICAL EQUIPMENT TO BE MAINTAINED. PROVIDE ACCESS DOORS OF 18" X 24" MINIMUM, PROVIDED WITH REMOVABLE DOOR LATCHES, DOOR LATCHES, DOOR LATCHES, ETC.
10. PROVIDE WELD GASKETS IN ALL CASES, EXCEPT DAMPERS WHERE INDICATED ON DRAWINGS AND VOLUME CONTROL DAMPERS IN ALL BRANCH DUCTS OR DIFFUSERS CONNECTIONS.
11. TERMINAL AIR DISTRIBUTION DEVICES SHALL BE AS FOLLOWS: CEILING DIFFUSER, FLOOR TO TILES AS SPECIFIED IN AIR DISTRIBUTION SCHEDULE, RETURN REGISTER, EXHAUST TO TILES AS SPECIFIED IN AIR DISTRIBUTION SCHEDULE, NEW AIR DIFFUSERS SHALL MATCH EXISTING, IF APPLICABLE.
12. FILTERS SHALL BE IN PLACE DURING CONSTRUCTION. PROVIDE A NEW SET POINT FOR TEST AND BALANCE, A FINAL SET AT THE END OF ONE YEAR SERVICE PERIOD, IF APPLICABLE.
13. AIR QUALITY SHOULD BE TESTED BEFORE OCCUPANCY AND SHOULD BE INSTRUMENTED AND MONITORED THEREAFTER, ON AT LEAST A REGULAR INTERVALS.
14. TEST AND ADJUST SUPPLY AND RETURN AIR TEMPERATURES TO BE WITHIN 5% OF DESIGN REQUIREMENTS.
15. INDEPENDENT CONTRACTOR SHALL TEST AND BALANCE ALL MECHANICAL EQUIPMENT AIR DEVICES, EXHAUSTORS, DAMPERS, AND FAN RALES, ETC. TO PROVIDE THE FOLLOWING: FLOW, PRESSURE, TEMPERATURE, AND BALANCE. CONTRACTORS SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF ALL AIR DEVICES, SHALL BE AND STAYED BY A REGISTERED FLORIDA ENGINEER. PROVIDE FINAL BALANCING FOR ALL SYSTEMS TO SATISFACTION OF OWNER AND ENGINEER. A CONTRACTOR SHALL VISIT JOB SITE DURING CONSTRUCTION TO INSURE THAT ALL DUCTS, DAMPERS, ETC. ARE INSTALLED FOR PROPER AND QUIET AIR DELIVERY.

COORDINATION NOTES:

1. A/C CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HIS WORK FOR SIZE, LOCATION, CLEARANCE, ACCESS AND ELECTRICAL CHARACTERISTICS WITH ALL OTHER TRADES AND TO PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ACCESS INCLUDE BENCH OR STAIRCASE ELEVATION & REQUIRED EQUIPMENT ACCESS AREAS.
2. WALL, ROOF, AND CEILING OPENINGS INDICATED ON CONTRACTOR DRAWINGS ARE NOMINAL DIMENSIONS ONLY, AND ALL DUCT TYPE OR EQUIPMENT PENETRATIONS SHALL BE SEALED AND THE BENCH AS REQUIRED, ADJUST OPENINGS.
3. COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS, SPEAKERS, AND ARCHITECTURAL ELEMENTS.
4. COORDINATE LOCATION OF A/C UNITS, THERMOSTATS AND SENS. AND DUCTWORK WITH BUILDING STRUCTURE AND OTHER TRADES SO THAT NO INTERFERENCES OCCUR.
5. IN GENERAL, DUCT OFFSETS HAVE NOT BEEN SHOWN. A/C CONTRACTOR TO COORDINATE THESE AS REQUIRED.
6. MECHANICAL PLANS IN GENERAL, ARE DIAGNOSTIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCH., FOUNDATION, ELECTRICAL, AND STRUCTURAL DRAWINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY OFFSET, BENDS AND TRANSITIONS WILL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

CONTROLS / EQUIPMENT SEQUENCE OF OPERATION:

1. ALL THERMOSTATS SHALL BE INSTALLED 42° TO 55° A.F.F. VERIFY EXACT LOCATION WITH ARCHITECT / INTERIOR DESIGNER.
2. UPON DETECTION OF SMOKE, SMOKE DETECTORS SHALL SHUT DOWN REQUIRED ASSOCIATED AIR MOVING EQUIPMENT AND ALL AIR MOVING EQUIPMENT SERVING THAT COMMON PLENUM.

[illegible]

Copyright (c) by SYNALOVSKI ROMANIK SAYE, LLC
All Rights Reserved.

MECHANICAL SCHEDULES AND NOTES

SHEET NUMBER:

M-10



SYNALOVSKIS ROMANIKS AVE
Architecture • Planning • Interior Design

1800 Blair Drive, Suite 500
 Fort Lauderdale, FL 33316
 T 954.941.6804
 F 954.941.6807

www.synalovskisllc.com

LICENSE NO. AA26001863

VILLAGE AT ATLANTIC SHORES

801 N. FEDERAL HIGHWAY
HALLANDALE BEACH, FL

CLIENT: ATLANTIC VILLAGE 1, LLC.