	TYPICAL PTAC-2	TYPICAL PTAC—1	AC#1	AC UNIT		
NOTES:	2ND. FL. UNITS 2 & 3.	2ND. FL. UNITS 2 & 3. 2P/230SF	GR. FL.	SERVING AREA	IAQ	
	2P/320SF	2P/230SF	3P/1315SF	OCCUPANCY / AREA	VENTI	
		-	-	VENTILATION RATE CFM/SQFT	LATION I	
	15	15	15	VENTILATION VENTILATION RATE RATE CFM/SQFT CFM/PERSON	IAQ - VENTILATION DESIGN CRITERIA	
	30	30	45	VENTILATION REQUIRED CFM	RITERIA	
	30	30	45	VENTILATION PROVIDED CFM		
						J

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.

S OF H20		OMINAL)		14.5/	145/		F X 4UNF U49	FACTURER CARRIER	VERTICAL		TION AHU #1	SPLIT A/C UNIT SCHEDULE		PUMP, MODEL : 6TVCMA21ULST; THERMALLY PROTECTED; 1.5 A; 110 V.	AIR HANDLER UNIT SHALL BE PROVIDED WITH CONDENSATE	I OMI	CONDENSATE DIMD SCHEDIILE	SMOKE CONTROL - X	FIRE STOPPING X -	FIRE RATED ROOF/ FLOOR CEILING ASSEMBLY $\left\langle \right\rangle$ $\left\langle \right\rangle$	FIRE RATED ENCLOSURE X _	SMOKE DAMPER(S) / - X	FIRE DAMPER(S) $\left. \begin{array}{c} \times & - \end{array} \right.$	DUCT SMOKE DETECTOR (X -	HVAC DESIGN REQUIRES YES NO	
SA RA CFM	RA CFM	RA CFM	RA SA	SA RA	SA	Λ Δ		-\UC		XX A XX B		(SD)	T	 .5						×			- SYMBOL	-	OVAH)

CEILING #

G EXHAUST FAN F CFM

COOLING THERMOSTAT

RETURN AIR GRILLE

SUPPLY AIR DIFFUSER

CONDENSATE LINE

	FACTORY FARRICATER CLIRE		NOTE:	
	THERMOSTAT CONTROL			Ш
	SOLID STATE SPEED CONTROL	ACC	TOR — FIVE (5) SPEED.	ㅈ
	ROOF JACK/BIRDSCREEN	CES:		Ü
	BACKDRAFT DAMPER	SORI	NG OTHER SIZES/LENGTHS.	6
ALUM,	CONSTRUCTION	IES	ET LENGTH. SEE VAPOR LINE SIZING & COOLING	نت ²
	FIRE DAMPER		GRAMABLE TYPE.	ਨੁ
	DUCT SIZE		ראות וויאשטבבות התיהובהטבב טובו ווע בסט/בסט ו סט	
	SERVICE SWITCH		AIR HANDIFR AVAII ABIF ONLY IN 208/230-1-60	'
SI	MODEL NUMBER		F	
	DESIGN MANUFACTURER		oz) 3/8 R-410A	اج بن
	SONES		7/8	о I
	UNIT DIMENSIONS WXLXH (IN)		32 X 32 X 36	- [
120-	ELECTRICAL SERVICE		186	
	STARTER FURNISHED BY		208-240/1/60	
	FAN MOTOR TYPE		26.2 / 40	
0.3	FAN MOTOR (AMPS/WATTS)	f		1
0.10	TOTAL STATIC PRESSURE, IN OF W.C.	FAN	19.9 / 109.0	1
	FAN SPEED, RPM		1/SCROLL	l
	МТН ЦСНТ		1	
CEN	FAN WHEEL TYPE		95.	
			1, 1.4 & 1/4	
	TOTAL AIR, CFM		PROPELLER	
	FAN TYPE		4.0	
	LOCATION	T	24ABB348A	
	OPERATING WEIGHT I BS	T	CARRIER	
BAT	AREA SERVED		CU #1	
	CINIT			I
		Τ	22 X 25 X 54	
HED	BATHROOM FAN SCHED		185	l
			208-240/1/60	l
]	!	ı

<u></u>	FΑ	7			SORI		⊐	p	3S	MC	DE	SO	TINU	E	TS	FAI		FAN	FA	LIM	FA	DR.	10	FAN	[0	유	AREA	TINU	В
FILTER AND FILTER FRAME	FACTORY FABRICATED CURB	THERMOSTAT CONTROL	SOLID STATE SPEED CONTROL	ROOF JACK/BIRDSCREEN	BACKDRAFT DAMPER	CONSTRUCTION	FIRE DAMPER	DUCT SIZE	SERVICE SWITCH	MODEL NUMBER	DESIGN MANUFACTURER	SONES	IT DIMENSIONS WXLXH (IN)	ELECTRICAL SERVICE	STARTER FURNISHED BY	FAN MOTOR TYPE	FAN MOTOR (AMPS/WATTS)	TOTAL STATIC PRESSURE, IN OF W.C.	FAN SPEED, RPM	WITH LIGHT	FAN WHEEL TYPE	DRIVE TYPE	TOTAL AIR, CFM	n type	LOCATION	OPERATING WEIGHT, LBS	EA SERVED	T DESIGNATION	BATHROOM FAN SC
ON	ON	ON	SES	NO	YES	ALUM/PLASTIC		4"ø	Sak	SIG80	DELTA	0.3	10X10X8	120-1-60	MC	DC	0.30/10.8	0.10" - 0.25"		ON	CENTRIFUGAL	DIRECT	80 - 65	EXHAUST	CEILING	12	BATHROOM	EF-1	SCHEDULE



NOTES:

GENERAL NOTES:

SYMBOL LEGEND

SUPPLY DUCT

DESCRIPTION

RETURN/EXHAUST

DUCT

FLEXIBLE DUCT

ELBOW W/ TURNING

VALVES

- ALL MECHANICAL SYSTEMS ARE TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE SECTIONS OF THE NFPA STANDARDS, ANSI STANDARDS, THE LOCAL BUILDING CODE, NOISE & HEIGHT ORDINANCES, PLANS AND SPECIFICATIONS. ALL MATERIALS SHALL BE NEW AND ALL WORKMANSHIP AND MATERIALS SHALL IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, PRODUCT APPROVAL, RULES AND ORDINANCES, ANY DAMAGED EQUIPMENT SHALL BE REPLACED OR RESTORED TO ORIGINAL CONDITION. 먪
- THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, ACCESS PANELS, CONTROL SYSTEMS, DEVICES, PERMITS AND SERVICES NECESSARY FOR FURNISHING AND INSTALLING A COMPLETE OPERABLE MECHANICAL SYSTEM.
- ALL LOUVERS, GRILLES, PIPING, ETC. SHALL BE PAINTED TO MATCH SURROUNDING COLOR AND TEXTURES AS REQUIRED BY ARCHITECT. VERIFY COLOR AND TEXTURE WITH ARCHITECT. PAINT ALL EXPOSED MECHANICAL EQUIPMENT WITH BENJAMIN MOORE EPOXY ENAMEL 182.
- ALL OPENINGS IN BUILDING STRUCTURE, FOR DUCTWORK, PIPING, ETC. TO F 1/2" LARGER (ON ALL SIDES) THEN THE OUTSIDE DIMENSIONS. FILL VOIDS WITH FIRE RETARDANT SILICONE FOAM (I.E. CHASE—FOAM CTC PR—855 BY TECHNOLOGY CORP.). ALL CUTTING, PATCHING, STRUCTURAL STEEL, WEATHER PROOFING, PAINTING, AND WALL OPENINGS SHALL BE BY THE GENERAL CONTRACTOR.
- BUILDING HVAC CALCULATIONS ARE BASED ON THE FOLLOWING:

AIR DEVICE TYPE AXB: NECK SIZE

OUCT MOUNT SMOKE DETECTOR

WITH REMOTE AUDIBLE & VISUAL

LARMS.

X: AIR DEVICE TYPE

DOOR UNDERCUT

- WALL U VALUE INDOOR DESIGN: SUMMER 75 DDB/50% RH, WINTER 70 DDB.

 OUTDOOR DESIGN: SUMMER 95 DDB/79 DWB, WINTER 46 DDB.

 BUILDING CONDITIONS:

 GLASS U VALUE

 1.25

 GLASS S.C.

 0.75 1.25 0.75 0.20 0.05
- ALL STORAGE ROOMS, TOILETS, ETC. , WILL HAVE UNDERCUT DOORS TO PROVIDE VENTILATION REQUIRED WHEN DOOR OR TRANSFER GRILLES ARE NOT SHOWN. IF APPLICABLE.
- PROVIDE FLEXIBLE DUCT CONNECTORS, RATED AS REQUIRED, TO ALL FANS, A/C UNITS, OR MECHANICAL EQUIPMENT. PROVIDE THERMOSTAT CONTROL OF ALL FANS THAT EXHAUST MECHANICAL AND ELECTRICAL ROOMS. IF APPLICABLE.
- PROVIDE MAINTENANCE AND OPERATION MANUAL ON ALL MECHANICAL EQUIPMENT OR SYSTEMS. PROVIDE 5 SETS OF SUBMITTALS ON ALL HVAC EQUIPMENT. SUBMITTALS SHALL HAVE A SUMMARY SHEET SHOWING ALL SCHEDULED INFORMATION.

PACKAGE TERMINAL AIR CONDITIONER

TOTAL

. CAPACITY,

TOTAL SENSIBLE CAPACITY,

MBH

7.1

10.2

14.9

TOTAL CAPACITY, MBH

TOTAL SENSIBLE CAPACITY, ENTERING AIR TEMP. OF D

80/67

43.5 33.8

MOT SC

MOTORIZED DAMPER

≓

<u>.</u>

9.

CONDENSER UNIT AIR HANDLER UNIT

VOLUME DAMPER

PACKAGE TERMINAL CONDITIONER UNIT

CUBIC FEET PER MINUTE

RETURN AIR SUPPLY AIR

HEAT PUMP, MBH

8.3

13.3

AIR HANDLER UNIT

FAN MOTOR FLA -ELECTRIC HEAT, K

AIR FLOW H/L CFM OUT SIDE AIR (O/A,

CFM)

ENTERING AIR TEMP.
ELECTRICAL SERVICE

F °DB/WB

75 / 63 208-240/1/60 3.7

5 / 63 3-240/1/60 6.7

OPERATING WEIGHT, LBS.
UNIT DIMENSIONS DXWXH

 (\mathbb{R})

ELECTRICAL

CURRENT, AMPS

OPERATING WEIGHT, LBS.

UNIT DIMENSIONS W X H X D (IN)

19.5/3.5 0.080 120 16" X 22"

28.9/5.9 0.086 124 16" X 22'

UNIT DESIGN DESIGN MAN MODEL NO.

MANUFACTURER

NOMINAL CAPACITY (TONS)
TYPE OF FAN

PROVIDE WALL SLEEVE AND DRAIN KIT PROVIDE EXTERIOR ALUMINUM GRILLE.

AIR COOLED CONDENSING UNIT

MCA/MOCP

ELECTRICAL SERVICE

UNIT DIMENSIONS LXWXH (IN)

TAR PER

CHARGE (lb-oz)

CONDENSING TEMP.,
NO. OF COMPRESSO

뮩

NO. OF FANS, FLA AMBIENT AIR TEMP.

DESIGN MANUFACTURER
BASE ON CARRIER INFINITY SERIES
MODEL NO.

/ COP/ HPSF

WATTS

12.1 / 3.5 / 775/695 355/300 30

2 / 3.4 / 7.4 1390/1255 400/325 75

LOCATION/MOUNTING

THRU WALL

THRU WALL

TYPICAL PTAC #2

UNIT DESIGNATION

FRIEDRICH DH09K

PDH15K FRIEDRICH

SEER / EER

MODEL NO.

UNIT DESIGNATION

PTAC

UNIT

SCHEDULE

HVAC CONTRACTOR WILL WARRANTY ALL MECHANICAL SYSTEMS, DUCTWORK, THERMOSTATS, AND ALL OTHER EQUIPMENT, PARTS AND LABOR UNDER THESE DRAWINGS AND SPECIFICATIONS FOR A PERIOD OF ONE (1) YEAR AFTER C.O. OF BUILDING. ANY REPAIRS REQUIRING SYSTEM SHUT DOWN WILL BE DONE DURING NON OPERATIONAL PERIODS.

12.

MECHANICAL EQUIPMENT NOTES:

- ALL MECHANICAL EQUIPMENT SHALL BE ARI & U.L. LISTED WHERE APPLICABLE AND RATED FOR THE REQUIRED SERVICE, PRESSURES, TEMPERATURES, AND SHALL BE PROVIDED WITH ALL NECESSARY TRANSFORMERS, SEALS, VALVES, CONNECTIONS, ETC. TO FUNCTION PROPERLY.
- PROVIDE SMOKE DETECTORS WITH ACCESS DOORS IN ALL SUPPLY AIR DUCTS FOR FAN AND AHD'34 SERVING A COMMON PLENUM OF 2000 CFM OR ABOVE. ALL SMOKE DETECTORS SHALL BE BY ONE MANUFACTURE. COORDINATE VOLTAGE ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM BEFORE ORDERING. UPON DETECTION, SMOKE DETECTORS SHALL SHUT DOWN ASSOCIATED AIR MOVING EQUIPMENT AND ALL AIR MOVING EQUIPMENT SERVING THAT COMMON
- PROVIDE TYPE "B" FIRE DAMPERS IN ALL DUCTS OR OPENINGS PENETRATING FIRE RATED WALLS, MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS. TENANT SEPARATION, PARTITIONS, FLOORS OR ROOF SLABS AND AT FRESH AIR INTAKES (SEE ARCHITECTS PLANS FOR RATINGS). PROVIDE RADIATION DAMPERS IN RATED CEILINGS FOR ALL CEILINGS OPENINGS, CEILING FANS, DIFFUSERS OR GRILLES RATED FOR USE IN THE CEILING ASSEMBLY AS SPECIFIED BY ARCHITECT. IF APPLICABLE. PROVIDE BACK DRAFTS DAMPERS ON ALL EXHAUST FANS AND/OR IN-LINE FANS.
- PROVIDE VIBRATION ISOLATORS ON ALL MECHANICAL EQUIPMENT AS CALLED FOR IN THE SPECIFICATIONS. IF NOT SPECIFIED, AS RECOMMENDED BY MANUFACTURER FOR QUIET OPERATION (WITH 99% ISOLATION EFFICIENCY). A MIN. OF 10' CLEARANCE BETWEEN O/A INTAKES AND VTR OR EXHAUST
- THERMOSTAT LOCATION SHALL BE APPROVED BY OWNER, ENGINEER AND ARCHITECT/INTERIOR DESIGNER BEFORE INSTALLATION.
- RUN INSULATED FIRE RATED CONDENSATE DRAINS AS PER MECHANICAL DRAWINGS. IF APPLICABLE.

UNITS RATED WITH 25FT OF LINESET LENGTH. SEE VAPOR LINE CAPACITY LOSS TABLE WHEN USING OTHER SIZES/LENGTHS.

ALL THERMOSTATS SHALL BE PROGRAMABLE TYPE

CONDENSING UNIT LINE VOLTAGE -

HIGH EFFICIENCY ECM BLOWER MOTOR

NOTE:
CONDENSER UNIT
SHOULD BE INSTALLED
OBSERVING
MANUFACTURER SERVICE
CLEARANCES.

NOTE:
CONDENSER UNIT
SHOULD BE PLACED SO
ROOF RUN-OFF WATER
DOES NOT POUR
DIRECTLY ON UNIT

ALL EXTERIOR COILS TO BE COATED.

PROVIDE STRANDED COPPER CONTROL WIRING. MOUNT ALL ROOFTOP EQUIPMENT FOR WIND LOADS AND MOUNTING HEIGHTS AS REQUIRED BY LOCAL CODES. ALL CURBS SHALL EXTEND 8" MIN. ABOVE FINISHED

.

- ALL PIPING AND DUCTWORK SHALL BE SLEEVED THRU WALLS, BEAMS, SLABS, ETC, AS REQUIRED AND COORDINATED WITH THE STRUCTURAL ENGINEER. REWORK BAR JOIST CROSS BRACING AND PROVIDE NECESSARY TRANSITIONS AS REQUIRED FOR DUCTWORK INSTALLATION.
- 12. ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/50.
- PROVIDE A MIN. OF 3' CLEARANCE IN FRONT OF ALL 120—240 VOLT PANELS AND 4' CLEARANCE IN FRONT OF 480 VOLT PANEL. PROVIDE ADEQUATE SIDE CLEARANCE PER NEC.
- PROVIDE MOTOR STARTERS AS FOLLOWS (UNLESS OTHERWISE RECOMMENDED BY MOTOR / EQUIPMENT MANUFACTURER):
 A: PROVIDE OVERLOAD PROTECTION 1/3 HP AND ABOVE (ALL PHASES).
 B: PROVIDE REDUCED VOLTAGE STARTING 25 HP AND ABOVE.
 C: PROVIDE ACROSS THE LINE VOLTAGE STARTING BELOW 25 HP.

RETURN

AR

CEILING OR WALL GRILLE

SUPPLY AIR

SIDE

WALL

REGISTER

0.B.D.

TITUS 300 FS

TITUS 350 FL

USE

AIR

DISTRIBUTION

SCHEDULE

ACCESORIES

DESIGN MANUFACTURER

ૹ

MODEL

ALL AIR DISTRIBUTION DEVICES SHALL BE ALL ALUMINUM CONSTRUCTION.
COORDINATE COLOR FINISH WITH ARCHITECT, WHITE BAKED ENAMEL STANDARD.
ARROWS INDICATE DIRECTION OF AIR DISTRIBUTION.
PROVIDE SELECTION BASED ON A MAXIMUM RADIATED NOISE OF NC-19 MAXIMUM.

ALL OUTDOOR EQUIPMENT SHALL COMPLY WITH LOCAL ZONING NOISE ORDINANCES OR NOT EXCEED A NOISE LEVEL OF 65 DB AS MEASURED RADIALLY 30 FEET FROM THE EQUIPMENT IN ALL DIRECTIONS.

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<u>1</u>6. VERIFY WITH ARCHITECT ALL LOCATIONS OF LOUVERS, GRILLES, SWITCHES, ACCESS PANELS ETC... BEFORE INSTALLATION. FOR ALL BELT DRIVEN AHU'S PROVIDE ONE SET OF ADJUSTABLE PULLEY'S FOR PRELIMINARY BALANCE, AND REPLACE WITH FIXED PULLEYS AFTER FINAL FAN RPM BEEN SET.

AIR DISTRIBUTION / DUCTWORK NOTES

- REFER TO ARCHITECTURAL PLANS FOR CEILING TYPE.
- PROVIDE OFF WHITE FINISH (SUBJECT TO ARCHITECT'S APPROVAL).

 USE SPIN IN COLLAR WITH VOLUME DAMPER AT TRUNK TO FLEX DUCT CONNECTION. (SEE DETAIL)

 ALL DUCTWORK WHERE ALLOWED BY LOCAL CODES AND CEILING RATINGS AS EXCHANGE. ALLOWED BY LOCAL CODES AND CEILING RATING SHALL
- SUPPLY AIR RIGID FIBER GLASS DUCT BOARD 1-1/2" THICK (R-6) INSULATION. OPERATING STATIC PRESSURE ±2 IN. WG. (500 PA)

 RETURN AIR SAME AS SUPPLY AIR DUCT WORK.

 EXHAUST AIR MINIMUM 30 GAGE, GALVANIZED METAL OR MINIMUM 26

 GAGE ALUMINUM.
- P. OUT SIDE AIR — NOT LIGHTER THAN 30 GAGE, GALVANIZED METAL OR 26 GAGE MINIMUM ALUMINUM INSULATED (R-6).

CASTELLANOS DESIGN STUDIO

- DRYER DUCTWORK: 26 GA. MIN. GALVINIZED STEEL, HAVING A SMOOTH INTERIOR SURFACE WITH JOINTS RUNNING IN THE DIRECTION OF AIRFLOW AND WITHOUT SHEET METAL SCREWS OR OTHER FASTNERS IN THE AIR STREAM. MAXIMUM LENGTH SHALL NOT EXCEED 25 FEET. WALL CAPS SHALL BE PROVIDED WITH BACKDRAFT DAMPER. NO SCREEN. IF APPLICABLE.
- 5. ALL DUCTWORK AND DIFFUSERS SHALL BE RATED FOR THE USE, PRESSURE AND TEMPERATURE SPECIFIED AND AS REQUIRED BY THE CEILING SYSTEM RATING.
 6. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH "SMACNA" STANDARDS AND LOCAL BUILDING CODES.
 7. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS.
 8. SEAL ALL DUCTS, JOINTS AND SEAMS IN AN APPROVED MANNER AND INSURE AGAINST LEAKAGE.
- <u>.</u> PROVIDE ACCESS DOORS AS REQUIRED FOR ALL MECHANICAL EQUIPMENT TO SERVICE AND VISUALLY CHECK ROTATION OF FANS AND MOTORS, POSITION OF DAMPERS, REPLACE FIRE DAMPER LINKS, ADJUST OR REPLACE CONTROLS, ETC.
- TERMINAL AIR DISTRIBUTION DEVICES SHALL BE AS FOLLOWS: CEILING DIFFUSER: EQUIV. TO TITUS AS SPECIFIED IN AIR DISTRIBUTION SCHEDULE; RETURN REGISTER: EQUIV. TO TITUS AS SPECIFIED IN AIR DISTRIBUTION SCHEDULE (NEW AC DIFF/GRILLES SHALL MATCH EXISTING; IF APPLICABLE). PROVIDE VANED ELBOWS IN ALL CASES, SPLITTER DAMPERS WHERE INDICATED ON DRAWINGS AND VOLUME CONTROL DAMPERS IN ALL BRANCH DUCTS OR DIFFUSER CONNECTIONS.
- 12. FILTERS SHALL BE IN PLACE DURING CONSTRUCTION. PROVIDE A NEW SET PRIOR TO TEST AND BALANCE AND A FINAL SET AT THE END OF ONE YEAR SERVICE PERIOD. IF APPLICABLE.

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- 7 13. TEST AND ADJUST SUPPLY AND RETURN AIR TEMPERATURES TO BE WITHIN 5% OF DESIGN REQUIREMENTS. AIR QUALITY SHOULD BE TESTED BEFORE OCCUPANCY AND SHOULD BE INSTRUMENTED AND MONITORED THEREAFTER, OR AT LEAST AT REGULAR INTERVALS
- 15. INDEPENDENT CONTRACTOR SHALL TEST AND BALANCE ALL MECHANICAL EQUIPMENT AIR DEVICES, EXTRACTORS, DAMPERS, AHU'S & FAN RATES, ETC. TO PROVIDE THE DESIGN QUANTITIES AS SHOWN ON THE PLANS OR SCHEDULES. PROVIDE T & B REPORT IN ACCORDANCE WITH THE AIR BALANCE COUNCIL STANDARDS, SIGNED AND SEALED BY A REGISTERED FLORIDA ENGINEER. PROVIDE FINAL BALANCING FOR ALL SYSTEMS TO SATISFACTION OF OWNER AND ENGINEER. & B CONTRACTOR SHALL VISIT JOB SITE DURING CONSTRUCTION TO ENSURE THAT ALL DUCTS, DAMPERS, ETC. ARE INSTALLED FOR PROPER AND QUIET AIR DELIVERY.

COORDINATION NOTES:

- 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 BEFORE INSTALLATION OF DUCTWORK OR EQUIPMENT. SHOP DRAWING WILL INCLUDE BEAM OR STRUCTURE ELEVATION & REQUIRED EQUIPMENT ACCESS AREAS.
- COORDINATE LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH LIGHTS, SPRINKLERS AND ARCHITECTURAL ELEMENTS. WALL, ROOF, AND CEILING OPENINGS INDICATED ON CONTRACTOR DRAWINGS ARE NOMINAL DIMENSIONS ONLY AND ALL DUCT, PIPE OR EQUIPMENT PENETRATIONS SHALL BE SLEEVED AND FIRE RATED AS REQUIRED, ADJUST OPENINGS
- COORDINATE LOCATION OF A/C UNITS, THERMOSTATS, FANS AND DUCTWORK WITH BUILDING STRUCTURE AND OTHER TRADES SO THAT NO INTERFERENCES OCCUR. IN GENERAL, DUCT OFFSETS HAVE NOT BEEN SHOWN. A/C CONTRACTOR TO COORDINATE THESE AS REQUIRED.
- 6. MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCH. PLUMBING, ELECTRICAL AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS. DUCT AND PIPING OFFSETS, 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.
- 7. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING, ORDERING, FABRICATION OR INSTALLATION OF MATERIALS OR EQUIPMENT.
- ALL THERMOSTATS SHALL BE INSTALLED 42" TO 55" A.F.F. VERIFY EXACT LOCATION WITH ARCHITECT / INTERIOR DESIGNER. CONTROLS / EQUIPMENT SEQUENCE OF OPERATION:
- UPON DETECTION OF SMOKE. SMOKE DETECTORS SHALL SHUT DOWN REQUIRED ASSOCIATED AIR MOVING EQUIPMENT AND ALL AIR MOVING EQUIPMENT SERVING THAT COMMON PLENUM.

Amarilis Rodrigue: License Number 6t C.A. 26359 Gables International Plaza 2655 Le Jeune Road, Suite 1109 Coral Gables, Florida 33134 Phone > 305 444 9809 Fax > 305 444 9827 November 100 Engineering Design: Signature Signature Signature Signature Signature Nechanical > Fire Protection Plumbing > Fire Protection Date
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SCHEDUL HVAC PLAN ES

WESLEY ART CASTE IDA ARCHITECT LICI

M-1