SPLIT SYSTEM HEAT PUMP SCHEDULE AUX HEATER 50.9 60 56.0 42.0 10.1 50.0 7.5/10KW 208/16 P 1-6 5.0 0.4 BY 1/3 447 45 0.4 BY 1/5 26.0 30 CARRIER SEYCCOSE CARRIER SEYCCOSE 208/W 23.8 35 32.3 24.5 10.0 35.0 208/W 12.8 20 17.0 12.8 10.0 17.5 6/8 KW 208/W # 1-6 5/3.8 KW 208/W F

NOTES:

- PROVIDE NEW FILTER FOR ALL UNITS UPON ACCEPTANCE OF PROJECT
- PROVIDE 7-DAY PROGRAMMANLE TIME CLOCK AND AUTOMATIC CHANGEOVER HEAT/COOL THERMOSTAT/SUBBASE FOR EACH HYAC UNIT.
- OUTDOOR UNITS SHALL HAVE A MINIMAN KOO EER RATING
- REPRIG. FIPTHS TO BE SIZED PER TOTAL INSTALL EQUIV. LENGTH. LONG-LINE APP.TO BE PROVIDED WHENEVER INFO. RECOMM. LENGTHS ARE EXCEIDED, INC. LIG. LIPE SOLEHOID VALVES, ACCUMULATOR, ETC. MAX T.E.I. IS 1007

					DI	FFUSER	SCHEDUL	E			
SYMBOL.	CPN	NECX SEZE	MODULE SIZE	TYPE	PATTERN	DAMPER	MATERIAL	SERVICE	PRESH	MANUFACTURER & MODEL No.	NOTES
(A)	AS HOTED	AS NOTED	AS NOTED	SURFACE	2-WAY	YES	STEEL	SUPPLY	NOTE 2	HART & COOLEY 682	1
B	AS HOTEO	AS NOTED	24x24	SURPACE	20059 DEPL	YES	STEEL	RETURN	NOTE 2	HART & COOLEY 650	1
©	AS NOTED	AS NOTED	12x12 24x24	SURFACE	4-WAY	766	STEEL	SUPPLY	NOTE 2	TITUS TOC	1
(D)	AS HOTED	AS NOTED	# LONG	SURFACE	SH SHIP SLOTS HET DIFFUSION		STEEL	SUPPLY	NOTE 2	TITUS ML-36	1
(E)	AS NOTED	AS NOTED	24x24	SURFACE	-	YES	STEEL	RETURN	NOTE 2	TITUS PAR	t
(F)	AS HOTED	AS NOTED	-	SURFACE	DOLE DEFL	YES	STEEL	SUPPLY	NOTE 2	TITUS 300RS	1

NOTES:

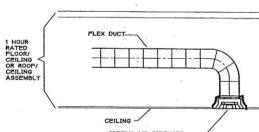
1. DIFFUSER DESIGNATIONS ON PLANS AS FOLLOWS:

8x4 AS NOTED ABOVE

2. FINISH TO MATCHIBE ABLE NATCH CEILING OR WALL OR DOOR

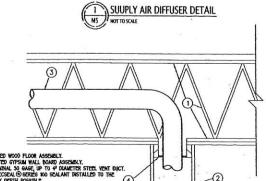
A. CONTROL W/ SWITCH

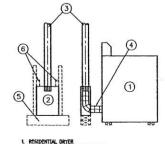
NO.	BERVICE	AREA SCRYED	CPM	S.P.	RPM .	TYPE & ARRANGEMENT	MEN. MOTOR HP/W/A & VOLTAGE	MANUFACTURER & MODEL No.	DICIVE	CONTROL SCHEME	REMARKS
65-1	EXHAUST	UNIT BATHROOMS	50	0.150	(*):	WALL	0.80A 120/W	BROAN MODEL 688	DIRECT	٨	1234



SUPPLY AIR DIFFUSER

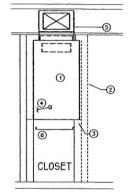
- SEE FLOOR PLANS AND SPECIFICATIONS FOR DUCT INSULATION REQUIREMENTS.







- 3 FILTER RACK FOR F THROW-A-WAY FILTERS WITH UNIT STAND
- 3/4" DRAIN FROM AH CONDENSATE
 TO HUB DRAIN.
- SUPPLY DUCT IN CEILING SPACE
- 6 P DEEP ADCILIARY ORAIN PAN W/
 MICKOFLOAT SWITCH WITHLOCK FLOAT
 SWITCH WI ALL INSTALL FLOAT SWITCH
 IN ORE CORRER OF PAN AND TILT PAN
 TO THAT CORNER.



NOTES:

- AIR HANDLER (AH) IN CLOSET, FRONT RETURN.
- 2 LOUVERED DOOR FOR RETURN AIR



- GC TO PROVIDE FRANCO OPENINGS THRU WALLS, ABOVE CELLINGS, COVERING METAL STUDS, FOR FULL RETURN AIR TRANSFER ABOVE THE FURRED-DOWN CELLINGS. SEE BCHEDULE, SHEET MIO, FOR BIZES.
- ALL MATERIAL AND EQUIPMENT IS TO BE INSTALLED PER MARIFACTURER'S INSTALLATION INSTRUCTIONS.

- ALL DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH PLOORS AND PARTITIONS.

- ALL EQUIPMENT SHALL BE UL LISTED.
- FLEX DUCT IS TO BE INSTALLED WITHOUT SHARP BENDS OR CROUPS, FLEX IS TO BE PERMANENTLY PASTENED TO ANY SHEETINETAL FITTINGS. HO FLEX DUCT IS TO BE EXPOSED.
- PROVIDE SHEET METAL COLLARS OR EQUAL UNDER DRYWALL WHENEVER GRILLE REGISTERS ARE TO BE INSTALLED.

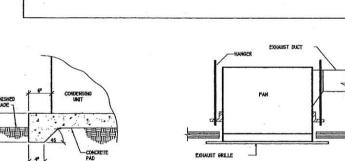
- **HVAC GENERAL NOTES**

 - DUCTWORK, DIFFUSERS, REGISTERS, GRELLS AND OTHER FIEMS OF THE AIR HANDLING SYSTEM SHALL NOT DE SUPPORTED BY THE CELLING OR CELENG SUSPENSION SYSTEM COORDINATE LOCATION OF GRILLES, DIFFUSERS AND LOUVERS WITH ELECTRICAL, ARCHITECTURAL AND FLANDING WORK.

 - ALL MECHANICAL EQUIPMENT SHALL OPERATE FREE OF ANY OBJECTIONABLE NOISE OR VIBRATION.
 - AS REQUIRED BY LOCAL CODES, MECHANICAL CONTRACTOR SHALL PROVIDE UL. LISTED FIRE DAMPERS WHERE REQUIRED FOR FIRE PROTECTION REQUIREMENTS OF THE HVAC SYSTEM & THE UL ASEMBLY.

 - ALL GAS LOADS, PIPING, METERS, ETC. TO BE FOUND ON PLUMBING PLANS.
 - REFRIGERANT PIPHIG, NOT SHOWN ON PLANS, SHALL BE SIZED & INSTALLED IN ACCOMMANCE WITH THE MANUFACTURES RECOMMENDATIONS & DISTALLATIO INSTRUCTIONS & PER THE T.E.L.
 - ELECTRICAL CONTRACTOR TO PROVIDE ALL HIGH VOLTAGE ELECTRICAL WISHING, CONDUIT, DISCONNECT SWITCHES, PURES, ECT. TO CONDENSING UNITS AND AIR HANDLERS, ALL FINAL ELECTRICAL CONNECTIONS ARE BY ELECTRICAL CONTRACTORS.
 - PROVIDE 5 YEAR WARRANTY ON COMPRESSORS AND 1 YEAR ON ALL OTHER EQUIPMENT PROM DATE OF INITIAL OPERATION.

 - DRAWINGS ARE DIASRAMATIC AND DO NOT RELEASE THE CONTRACTOR FROM THE RESPONSIBILITY OF DISTALLING THE HVAC SYSTEM PER LOCAL CODE, AND IN EXCLLENT WORKING CONDITION.
 - KITCHEN EXHAUST DUCT SHALL BE CONTINUOUSLY WELDED AND CONSTRUCTED OF MINIMUM 0.0588 THICK STEEL







REFRIG. & LIO. LINES SIZED & INSTALLED TO MANUFACTURERS SUPPLY AIR DUCT WITH P ACOUSTICAL LINENS, TERMINATE AFTER 10-07 -FILTER ACCESS

AUXILIARY DRAIN PAN WITH MICROFLOAT SWITCH INTERLOCK PLOAT SWITCH W/ AIR HANDLER INSTALL PLOAT SWITCH IN ONE CORNER OF PAN AND TILT PAN TO THAT CORNER.

HORIZONTAL AIR HANDLING UNIT DETAIL
NOT TO SCALE



P:704.841.1899 F:704.841.8440







LAKE SHORE **TOWN HOMES**

•

Tega Cay, South Carolina

06/09/05 XXXX

MECHANICAL SCHEDULES. DETAILS AND NOTES

