

SPLIT SYSTEM HEAT PUMP SCHEDULE																	
FAN COIL							COOLING COIL				CONDENSING UNIT						
MARK	MFR. & MODEL	TOTAL CFM	RA CFM	OSA CFM	HTG. INPUT BTUH	ESP	HP	MCA MOCP	VOLTAGE	MFR & MODEL	TOTAL COOLING	SENS. COOLING	MARK	MFG	MCA	MOCP	VOLTAGE
FU-1	CARRIER FX4D042	1400	1120	280	80,000	.35"	1/2	14.4 20	120/1/60	CARRIER COIL CNPHP	42,000	33,600	CJ-1	CARRIER 25HBC42	30	40	208/1/60
FU-2	CARRIER FX4D036	1200	960	240	80,000	.35"	1/2	14.4 20	120/1/60	CARRIER COIL CNPHP	36,000	28,800	CJ-2	CARRIER 25HBC36	27	35	208/1/60

NOTES: 1. SMOKE DETECTOR TO BE FURNISHED AND INSTALLED PER ALL CODES. IN THE RETURN AIR DUCT. 2. CONTRACTOR SHALL EXAMINE AND COORDINATE WITH ALL COMPONENTS OF BUILDING CONSTRUCTION PRIOR TO LOCATING & SETTING OF H.V.A.C. EQUIPMENT AND NOTIFY ARCHITECT OF ANY CONFLICT. 3. PROVIDE THERMOSTAT. 4. PROVIDE CONDENSATE DRAIN. 5. PROVIDE 5/8" SUCTION & 3/8" LIQUID LINES. 6. PROVIDE EMERGENCY DRAIN PAN UNDER EACH COOLING COIL AND FURNACE WITH FAN SHUT OFF FLOAT SWITCH. REEMERGENCY DRAIN TO OUTSIDE OF BUILDING. CONTRACTOR TO VERIFY VOLTAGE BEFORE ORDERING EQUIPMENT

FAN SCHEDULE											
MARK	CFM	SPWG. INCHES	RPM	SONES	ELECTRICAL		SERVICE	ACCESSORIES	TYPE FAN	COOL	REMARKS
					HP (WATTS)	VOLTAGE					
EF-1	100	0.25"	1013	1.7	41	120/1/60	EF	EWMSWES	CEILING FAN	GC-140	NOTES
EF-2	100	0.25"	1013	1.7	41	120/1/60	EF	EWMSWES	CEILING FAN	GC-140	NOTES

SERVICE: EF - EXHAUST FAN
 NOTES: 1. MAKE ALL WALL/ROOF PENETRATIONS WATERTIGHT. 2. SEE FLOOR PLAN FOR EXHAUST FAN QUANTITIES. 3. RUN CONTINUOUSLY.
 ACCESSORIES: EWMSWES GRAVITY BACK-DRAFT DAMPER, EWMSWES WALL SWITCH (WITH PILOT), WJ WALL JACK, BS BIRDSCREEN

AIR DISTRIBUTION SCHEDULE		
MARK	DESCRIPTION	MANUFACTURER & MODEL NO. EQUAL TO
SAD	PERFORATED FACE, CEILING DIFFUSER	TITUS # PCS, FRAME STYLE 3 W/ O.B.D.
SAR	LOUVERED FACE, SUPPLY REGISTER	TITUS # 300RL W/ O.B.D.
RAG	PERFORATED FACE, CEILING RETURN	TITUS # PAR, FRAME TO MATCH CEILING
TAG	PERFORATED FACE, CEILING TRANSFER	TITUS # PAR, FRAME TO MATCH CEILING
TAG-1	LOUVERED FACE, TRANSFER GRILLE	TITUS # 380RL W/ O.B.D.
EAR	LOUVERED FACE, EXHAUST REGISTER	TITUS # 350FL W/ O.B.D. - ALUMINUM

NOTES: 1. ALL INTERIOR AIR DISTRIBUTION DEVICES TO BE OFF-WHITE UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS. 2. ALL RUNOUT SIZES TO AIR DEVICES TO BE NECK SIZE, UNLESS NOTED OTHERWISE.

MECHANICAL LEGEND			
(D)	BACKDRAFT DAMPER	(Symbol)	CEILING RETURN GRILLE/REGISTER WITH 18" OPEN END BOOT
(S)	WALL SWITCH	(Symbol)	CEILING DIFFUSER WITH FLEXIBLE DUCT; DUCT NOT TO EXCEED 8 FEET IN LENGTH
(T)	ROOM THERMOSTAT (MOUNTED AT 54" AFF)	(Symbol)	FLEXIBLE DUCT NOT TO EXCEED 8 FEET IN LENGTH
(SD)	SMOKE DETECTOR	(Symbol)	DRAIN LINE
(Symbol)	TRENCH AIR GRILL WITH INSULATED BOOT	(Symbol)	REFRIGERANT LINES
(Symbol)	RETURN AIR DUCT, GRILLE OR REGISTER	(Symbol)	GAS LINES
(Symbol)	SUPPLY AIR DUCT, DIFFUSER, GRILLE OR REGISTER	(Symbol)	SUCTION LINES (REFRIGERANT)
(Symbol)	EXHAUST AIR DUCT, GRILLE OR REGISTER	(Symbol)	LIQUID LINES (REFRIGERANT)
(Symbol)	CO2 MONITOR	(Symbol)	PIPE TURN-UP
(Symbol)	CEILING EXHAUST FAN (IN LINE TYPE)	(Symbol)	PIPE TURN-DOWN
(Symbol)	ROOF EXHAUST FAN	(Symbol)	LONG RADIUS ELBOW
(Symbol)	8 INCH ROUND DUCT	(Symbol)	FLEXIBLE PIPE CONNECTOR
(Symbol)	FIRE DAMPER AT WALL	(Symbol)	SIGHT GLASS MOISTURE INDICATOR
(Symbol)	FIRE OR RADIATION DAMPER AT CEILING	(Symbol)	SMOKE TIGHT WALL
(Symbol)	6" ROUND NECK, 24" FACE SUPPLY AIR DIFFUSER	(Symbol)	FIRE RATED WALL
(Symbol)	BALANCING DAMPER	(Symbol)	

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NEW COMMUNITY CENTER FOR
 Hickory Chase Apartments
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 MADISON, TN

Benjamin Allen
 ARCHITECT
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