SPLIT SYSTEM HEAT PUMP SCHEDULE

DRAWING SYMBOL	TOTAL CFM	MIN. E.S.P.	EVAP. FAN HP	COOLING (BTUH)		HEATING (BTUH)		AUX. HEAT (KW)	AIR HANDLER			CONDENSER			SMOKE DETECTOR		EFFICIENCIES				MANUFACTURER & MODEL NO.	
				TOTAL	SENSIBLE	@ 47°	@ 17°		MCA	MOCP	VOLTAGE	MCA	MOCP	VOLTAGE	SUPPLY	RETURN	EER	SEER	COP	HSPF	AIR HANDLER	CONDENSER
AHU 1 / HP 1	610	0.3	3/4	17,600	13,900	-	10,000	4.8	27	30	240/1Ø	12.4	20	240/1Ø	NO	NO	-	15.0	-	-	GOODMAN ASPT25B14	GOODMAN GSZ140181
AHU 2 / HP 2	600	0.5	-	18,500	14,200	17,000	-	5.76	36	40	240/1Ø	12	20	240/1Ø	NO	NO	-	14	3.7	8.5	TRANE TEM4A0B18	TRANE 4TWR4018G1
AHU 3 / HP 3	1100	0.5	-	35,900	27,200	33,900	-	7.2	47	50	240/1Ø	18	30	240/1Ø	NO	NO	-	14	3.7	8.5	TRANE TEM4A0C36	TRANE 4TWR4036G1

ACCESSORIES AND FEATURES:
- SUCTION LINE ACCUMULATOR, COMPRESSOR ANTI-CYCLE TIMER, AND CRANKCASE HEATER.
- COOLING CAPACITIES ARE SCHEDULED AT 80/67 DEGREES INDOOR AND 95 DEGREES OUTDOOR TEMPERATURE.
- AUTOMATIC CHANGEOVER THERMOSTAT WITH EMERGENCY HEAT SUBBASE AND LOCKING PLASTIC THERMOSTAT COVER.
- 5 YEAR COMPRESSOR WARRANTY.

EXHAUST FAN SCHEDULE

DRAWING SYMBOL	USE	AMCA CFM	S.P. IN WATER	RPM	CONTROL	WATTS/ HP	TYPE	VOLTAGE	SONES	WEIGHT LBS.	MANUFACTURER & MODEL NO.
EF 1	BATHROOM EXHAUST FAN	50	0.375	766	SWITCH	26.8 WATTS	CEILING	115/1,60	1.4	15	LOREN COOK GC-146
EF 2	PAVILLION RESTROOM EXHAUST	150	0.375	884	SWITCH	66.3 WATTS	CEILING	115/1,60	3.0	15	LOREN COOK GC-186
EF 3	PAVILLION RESTROOM EXHAUST	150	0.375	884	SWITCH	66.3 WATTS	CEILING	115/1,60	3.0	15	LOREN COOK GC-186
EF 4	PAVILLION RESTROOM EXHAUST	150	0.375	884	SWITCH	66.3 WATTS	CEILING	115/1,60	3.0	15	LOREN COOK GC-186

ACCESSORIES AND FEATURES:
- CEILING RADIATION DAMPER MO.# CRD1
- ALUMINUM INLET GRILLE
- LINED HOUSING
- CENTRIFUGAL FAN
- BACKDRAFT DAMPER
- WALL SWITCH (SEE PLANS).

ELECTRIC HEATER SCHEDULE

DRAWING SYMBOL	TYPE	KW	CFM	VOLTAGE	AMPS	WEIGHT	MANUFACTURER MODEL NUMBER
EWH 1	WALL FAN FORCED	2	175	240/1,60	8.3	27	MARKEL 3320 SERIES
EWH 2	WALL FAN FORCED	3	175	240/1,60	8.3	27	MARKEL 3320 SERIES
EWH 3	WALL FAN FORCED	3	175	240/1,60	8.3	27	MARKEL 3320 SERIES
EWH 4	WALL FAN FORCED	3	175	240/1,60	8.3	27	MARKEL 3320 SERIES

HEATER OPTIONS & ACCESSORIES:
- TRANSFORMER FOR 24 V. THERMOSTAT
- WALL MOUNTED LOW VOLTAGE THERMOSTAT (EUH)
- INTEGRAL THERMOSTAT (EWH)

AIR DISTRIBUTION EQUIPMENT SCHEDULE

DESIGNATION	SERVICE	DESCRIPTION	MTL. & FINISH	AIR CONTROL	MODEL	SIZING
CD-1	CEILING SUPPLY GRILLE	2 - WAY CEILING SURFACE MOUNT	ALUMINUM WHITE ENAMEL	O.B.D	TRUAIRE 102	* 0-110 CFM, 6"Ø * 111-240 CFM, 8"Ø * 241-420 CFM, 10"Ø * 421-615 CFM, 12"Ø * 701-840 CFM,14"Ø
CD-2	CEILING SUPPLY DIFFUSER	PANEL MTD. FRAME TYPE 1 SURFACE MOUNT	ALUMINUM WHITE ENAMEL	O.B.D	PRICE ASCD VC9	* 0-110 CFM, 6"Ø * 111-240 CFM, 8"Ø * 241-420 CFM, 10"Ø * 421-615 CFM, 12"Ø * 701-840 CFM,14"Ø
CE-1	CEILING EXHAUST GRILLE	EGGCRATE BORDER TYPE 3 LAY-IN	ALUMINUM WHITE ENAMEL	O.B.D	PRICE 80D-TB	* 0-415 CFM, 10x10 * 416-815 CFM, 14x14 * 816-1300 CFM, 18x18 * 1301-1680 CFM, 22x22
SWR-1	SIDEWALL RETURN GRILLE	BRICK 1" X 1/4" 40% OPEN	ALUMINUM	N/A	KEES BR100	SEE PLAN
SWS-1	SIDEWALL SUPPLY GRILLE	DOUBLE DEFLECTION	ALUMINUM WHITE ENAMEL	O.B.D	PRICE 620D	SEE PLAN

NOTES AND ACCESSORIES:
- ALTERNATE MANUFACTURERS: KRUEGER, METALAIRE, PRICE
- MECHANICAL CONTRACTOR SHALL PROVIDE DIFFUSERS WITH APPROPRIATE AIR PATTERN AS SHOWN ON FLOOR PLAN DRAWINGS.
- MECHANICAL CONTRACTOR SHALL PREPARE AND PAINT DIFFUSERS TO MATCH INTERIOR, COORDINATE WITH OWNER.
- ORDER DIFFUSERS WITH VOLUME DAMPER.
- PROVIDE SQUARE TO ROUND AS REQUIRED.
- ADJUST VERTICAL BLADES FOR A 45 DEGREE HORIZONTAL SPREAD.
- SEE FLOOR PLAN DRAWINGS FOR SIZES.
- VERIFY EXACT FRAME TYPE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

MBI

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SEAL

JOHN C. BUCHANAN LICENSE No. 76290 STATE OF FLORIDA PROFESSIONAL ENGINEER
25 MAR 2019

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PROJECT INFORMATION

PROJECT:

WESTWOOD AT WINTER HAVEN APARTMENTS

PROJECT ADDRESS:

Avenue G
Winter Haven, FL 36801
HUD# 067-35554

PROJECT NO.: 180888

ACTIVE DESIGN PHASE

- ☐ FOR REVIEW ONLY
- ☐ FOR PERMITTING ONLY
- ☐ SCHEMATIC DESIGN
- ☐ DESIGN DEVELOPMENT
- ☐ CONSTRUCTION BIDDING
- ■ CONSTRUCTION DOCUMENTS
- ☐ AS-BUILT RECORD SET

REVISION INFORMATION

NO.	DATE	DESCRIPTION

KEY PLAN

SHEET INFORMATION

SHEET ISSUED: 03-25-19
DESIGNED BY: ALJ
DRAWN BY: ALJ
REVIEWED BY: KH
SHEET TITLE:

HVAC SCHEDULES

SHEET NO.:

M002

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