

AIR HANDLING UNIT SCHEDULE										
MARK	BASIS OF DESIGN		NOM. CFM	MAX. O/A	E.S.P. "W.C.	EMERGENCY STRIP HEAT KW @ 208V	ELECTRICAL (SINGLE POINT CONN.)			NOTES
	MANUFACTURER	MODEL NO.					MCA	MOCP	V/Ø/Hz	
AHU-1	TRANE	GAM580C48M	1,800	170	0.5	10.8	44	45	208/1/60	①②③
AHU-2	TRANE	GAM580A24M	800	120	0.5	5.76	38	40	208/1/60	①②③
AHU-3	TRANE	GAM580A24M	800	150	0.5	5.76	38	40	208/1/60	①②③
AHU-4	TRANE	GAF2A0A36M	1,200	100	0.5	7.2	48	50	208/1/60	①②③
AHU-5	TRANE	GAM580A18M	600	100	0.5	3.6	25	25	208/1/60	①②③

- ① FIELD ROUTE CONDENSATE DRAIN PIPING TO HUB DRAIN(S) IN MEZZ. 201
 ② FIELD ROUTE REFRIGERANT PIPING TO CORRESPONDING OHP U.N.O.
 ③ MIN. MERV 6 FILTER

OUTDOOR HEAT PUMP UNIT SCHEDULE												
MARK	BASIS OF DESIGN		COOLING MBH		HEATING BTU/HR HI TEMP.	REFRIG. O.D.		EER/SEER MIN.	ELECTRICAL			NOTES
	MANUFACTURER	MODEL NO.	TOTAL	SENSIBLE		LIQUID	SUCTION		MCA	MOCP	V/Ø/Hz	
OHP-1	TRANE	4TVR4048G	48.3	35.8	29,600	3/8	7/8	14.0	25	45	208/1/60	
OHP-2	TRANE	4TVR4024G	23.9	17.9	14,200	3/8	3/4	14.5	14	25	208/1/60	
OHP-3	TRANE	4TVR4024G	23.9	17.9	14,200	3/8	3/4	14.5	14	25	208/1/60	
OHP-4	TRANE	4TVR4036G	35.2	25.1	22,100	3/8	3/4	14.5	19	30	208/1/60	
OHP-5	TRANE	4TVR4018G	18.6	13.6	10,600	3/8	3/4	14.5	12	20	208/1/60	

EXHAUST FAN SCHEDULE											
MARK	BASIS OF DESIGN		TYPE	ESP (IN WC)	NOM. CFM	FRPM	HP	WATTS	SONES	ELECTRICAL V/Ø/Hz	NOTES
	MANUFACTURER	MODEL NO.									
EF-1	GREENHECK	SE2-30-625-C10	SIDEWALL	0.125	10,000	850	1	-	25	208/3/60	④⑤⑥
EF-2	GREENHECK	SP-B110	CEILING	0.25	100	950	-	80	2.3	115/1/60	①②
EF-3	GREENHECK	SP-B150	CEILING	0.25	150	1,050	-	128	4.5	115/1/60	①②
EF-4	GREENHECK	SP-B110	CEILING	0.25	100	950	-	80	2.3	115/1/60	①②
EF-5	GREENHECK	SP-B110	CEILING	0.25	100	950	-	80	2.3	115/1/60	①②
EF-6	GREENHECK	SP-A250	CEILING	0.25	240	1,000	-	83	3.6	115/1/60	①②④⑦
EF-7	GREENHECK	SP-B150	CEILING	0.25	140	1,050	-	128	3.8	115/1/60	②③

- ① INTERLOCK WITH LIGHTS
 ② BACKDRAFT DAMPER
 ③ CONTROLLED BY THERMOSTAT
 ④ DISCONNECT SWITCH
 ⑤ CONTROLLED BY LOCAL SWITCH
 ⑥ MOTOR SIDE GUARD
 ⑦ CONTINUOUS OPERATION

AIR DISTRIBUTION DEVICE SCHEDULE														
MARK	SIZE (INCHES)		MOUNTING			THROW	MATERIAL		DEVICE CONN.			BASIS OF DESIGN		NOTES
	FACE	NECK	SIDEWALL	CEILING	DUCT		STEEL	ALUM.	1	2	3	MANUF.	MODEL NO.	
SD-1	24/24	6"Ø		X		4	X		X			TITUS	TMS	①②
SD-2	24/24	8"Ø		X		4	X		X			TITUS	TMS	①②
SD-3	24/24	10"Ø		X		4	X		X			TITUS	TMS	①②
SD-4	12/10	12/10	X			1	X		X			TITUS	300RS	①
SD-5	24/24	6"Ø		X		4	X		X			TITUS	TMS	①②③
RG-1	24/24	8/8		X		-	X			X		TITUS	PAR	①②
RG-2	24/24	8/8		X		-	X		X			TITUS	PAR	①②
RG-3	24/24	12/12		X		-	X		X			TITUS	PAR	①②
RG-4	24/24	22/22		X		-	X		X			TITUS	PAR	①②
RG-5	24/24	22/22		X		-	X		X			TITUS	PAR	①②

- LEGEND
 1. SYMBOL KEY - FIRST LETTER: S-SUPPLY, R-RETURN, E-EXHAUST, T-TRANSFER AND D-DOOR. SECOND LETTER: D-DIFFUSER, R-REGISTER AND G-GRILLE.
 2. CONNECTIONS - 1. ROUND DUCT TO ROUND NECK (DEVICE CONN COLUMN) 2. ROUND DUCT TO RECTANGULAR NECK 3. RECTANGULAR DUCT TO RECTANGULAR NECK.
 3. FIELD PAINT ALL SUPPLIES AND RETURNS TO MATCH CEILING AND/OR WHITE FINISH OTHERWISE.
 4. 1, 2, 3 AND 4-WAY AND DOUBLE DEFLECTION (DD) AIR DEVICES ARE INDICATED IN "THROW" COLUMN.
 ① DUCT RUNOUT SIZE SAME AS NECK CONNECTION SIZE, U.N.O.
 ② PROVIDE WITH R-6 FOIL-BACKED INSULATION
 ③ INTEGRAL FACE ADJUSTABLE VANE DAMPER
 ④ SEE DETAIL 8/M-202
 ⑤ SEE DETAIL 3/M-203

LOUVER SCHEDULE							
MARK	BASIS OF DESIGN (GREENHECK P/N)	TYPE	CFM	LOUVER SIZE	MIN. FREE AREA (FT²)	BOT. OF LOUVER ELEV. (FT. A.F.F.)	NOTES
IL-1	ESD-603	INTAKE	10,000	60"	7.27	4'-4"	①②③④⑤
IL-2	ESD-603	INTAKE	5,000	60"	7.27	4'-4"	①②③④⑤
IL-3	ESB-603	INTAKE	640	24"x16"	1.0	16'-0"	①②③④

- ① BIRDSCREEN
 ② WELDED CONSTRUCTION
 ③ RANGED FRAME
 ④ BACKDRAFT DAMPER
 ⑤ PREFINISH WITH BAKED ON "KYNAR" FINISH
 ⑥ MOTORIZED DAMPER INTERLOCKED WITH EF-1

ELECTRIC WALL HEATER SCHEDULE						
MARK	BASIS OF DESIGN (QMARK P/N)	BTU/HR	WATTS	AMPS	ELECTRICAL V/Ø/Hz	NOTES
WH-1	CWH1101DSF	3,413	1,000	8.4	115/1/60	①②③
WH-2	CWH1208DSF	6,826	2,000	9.6	208/1/60	①②③

- ① RECESSED MOUNTING FRAME
 ② CONTROLLED BY INTEGRAL TAMPER-RESISTANT THERMOSTAT
 ③ DISCONNECT SWITCH

ELECTRIC INFRARED HEATER SCHEDULE								
MARK	BASIS OF DESIGN (QMARK P/N)	HEATING BTU/HR	AMPS	WATTS	ELECTRICAL V/Ø/Hz	ELEVATION	QTY	NOTES
RH-1	BRM4581B	15,350	21.7	4,500	208/1/60	27'-0"	4	①②

- ① POWER DISCONNECT SWITCH
 ② ELECTRIC CONTROL PANEL

KITCHEN HOOD SCHEDULE												
MARK	BASIS OF DESIGN (GREENHECK P/N)	HOOD TYPE	EXHAUST HOOD				SUPPLY PLENUM			MATERIAL OF CONSTRUCTION	NOTES	
			CFM	LENGTH	WIDTH	HEIGHT	CFM	LENGTH	WIDTH			HEIGHT
KH-1	GHEW	TYPE I	550	36"	36"	36"	36"	60"	14"	10"	430 SS	①②③④⑤⑥⑦⑧⑨⑩

- ① NFS LABEL
 ② UL LABEL
 ③ COMPLY WITH NFPA 96
 ④ REMOTE UTILITY CABINET
 ⑤ 120V CFL LIGHTS
 ⑥ EXTERNAL SUPPLY AIR CURTAIN
 ⑦ FURNISH WITH WET CHEMICAL FIRE SUPPRESSION SYSTEM, ANSUL R-102 OR EQUAL
 ⑧ PROVIDE WITH TEMPERATURE INTERLOCK HOOD MOUNTED
 ⑨ PROVIDE KITCHEN FAN CONTROL CENTER
 ⑩ BACK SPLASH

KITCHEN EXHAUST FAN SCHEDULE										
MARK	BASIS OF DESIGN (GREENHECK P/N)	TYPE	ESP (IN WC)	NOM. CFM	FRPM	HP	SONES	ELECTRICAL V/Ø/Hz	NOTES	
KEF-1	CLB-100	ROOF	0.83	550	1,725	1/10	8.9	115/1/60	①②③④	

- ① INTERLOCK WITH KITCHEN HOOD, KH-1
 ② PROVIDE PITCHED COMBO ROOF CURB WITH KITCHEN SUPPLY FAN MOUNTING
 ③ DISCONNECT SWITCH
 ④ EC MOTOR

KITCHEN SUPPLY FAN SCHEDULE										
MARK	BASIS OF DESIGN (GREENHECK P/N)	TYPE	ESP (IN WC)	NOM. CFM	FRPM	HP	SONES	ELECTRICAL V/Ø/Hz	NOTES	
KSF-1	MSF-P113-H10-VG	ROOF	0.3	440	843	1/2	6.9	208/1/60	①②③④⑤⑥⑦	

- ① INTERLOCK WITH KITCHEN HOOD, KH-1
 ② DOWNFLOW CONFIGURATION
 ③ PROVIDE PITCHED COMBO ROOF CURB WITH KITCHEN EXHAUST FAN MOUNTING
 ④ PROVIDE INLET GRAVITY DAMPER
 ⑤ DISCONNECT SWITCH
 ⑥ EC MOTOR
 ⑦ ALUMINUM MESH WEATHERHOOD

DUCTLESS AIR HANDLING UNIT SCHEDULE										
MARK	BASIS OF DESIGN		NOM. CFM	COOLING MBH		ELECTRICAL (SINGLE POINT CONN.)			NOTES	
	MANUFACTURER	MODEL NO.		TOTAL	SENSIBLE	MCA	MOCP	V/Ø/Hz		
IHP-6	DAIKIN	PKA-A12HA7	425	11.1	9.8	1	25	208/1/60	①②③④⑤	

- ① PROVIDE WIRED CONTROLLER
 ② INDOOR UNIT RECEIVES POWER FROM OUTDOOR UNIT
 ③ ROUTE CONDENSATE DRAIN PIPING TO MOP SINK IN JAN 111
 ④ PROVIDE 208V CONDENSATE PUMP
 ⑤ MIN. MERV 6 FILTER

DUCTLESS OUTDOOR HEAT PUMP SCHEDULE										
MARK	BASIS OF DESIGN		COOLING MBH	REFRIG. O.D.		EER/SEER MIN.	ELECTRICAL			NOTES
	MANUFACTURER	MODEL NO.		LIQUID	SUCTION		MCA	MOCP	V/Ø/Hz	
OHP-6	DAIKIN	PUY-A12NKA7	11.1	1/4	1/2	13.0	11	25	208/1/60	①

- ① UNIT POWERS INDOOR UNIT(S)

HIGH VOLUME LOW SPEED FAN SCHEDULE										
MARK	BASIS OF DESIGN		FAN DIA. (FT)	FAN WEIGHT (LB)	FAN SPEED (RPM)	FAN ELEVATION (FT. A.F.F.)	MOTOR POWER (W)	ELECTRICAL V/Ø/Hz	QTY.	NOTES
	MANUFACTURER	MODEL NO.								
HVLS-1	GREENHECK	DS-8	8	142	142	②	500	208/3/60	2	①③④

- ① DISCONNECT SWITCH
 ② INSTALL AS HIGH AS POSSIBLE
 ③ PROVIDE DIGITAL REMOTE
 ④ AVD UNIVERSAL MOUNT



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 PROJECT LOCATION: 2820 OLD HIGHWAY 1, HEPHIZBAH, GEORGIA 30815

REV	DATE	BY	ISSUED FOR	DESCRIPTION
0	12/21/18	MNB	ISSUED FOR BID	

PROJECT NO: 3042.1604
 DRAWN BY: MNB
 CHECKED BY: CVW
 DATE: 8/10/18
 SHEET TITLE: HVAC SCHEDULES
 SCALE: AS NOTED
 DRAWING NO: M-201
 REV: 0

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