AIR HANDLING UNIT SCHEDULE

TAG	NOM. TONS	CFM	MIN. OA CFM	SUPPLY FAN EXT. SP W.C.	COOLING MBH		DIRECT EXPANSION COIL DATA					GAS HEAT DATA					ELECTRICAL DATA					TYPICAL UNIT MFG & MODEL NO.	NOTES:
																	SUPPLY FAN	EXHAUST FAN	GENERAL				
					TOTAL	SENSIBLE	FACE AREA SQ. FT.	ROWS	EER	EAT °F	LAT °F	FUEL	INPUT MBH	OUTPUT MBH	EAT °F	LAT °F	HP/BHP	HP/BHP	VOLTS/Ø	MCA	MOCP		
RTU-1	5	1750	240	1.0	55.9	40.5	9.9	4	15.0	76.6/63.4	52.1	NG	80	64	60.0	94.2	1 / 0.8	N/A	460/3	12.3	15	TRANE YHC060F4RMA	1,3,4,5
RTU-2	15	5250	1050	1.0	169.2	128.2	31.4	4	12.0	77.3/64.3	52.1	NG	350	284	55.4	105.2	3 / 2.7	N/A	460/3	36	45	TRANE YHD180G4RVA	1,3,4,5,7
RTU-3	12.5	4375	815	1.0	145.1	105.8	26.0	4	12.1	77.2/64.2	53.4	NG	350	284	56.4	113.6	3 / 2.5	N/A	460/3	31	40	TRANE YHD150G4RVA	1,3,4,5,7
RTU-4	12.5	4375	285	1.0	145.1	105.8	26.0	4	12.1	75.8/63.1	53.4	NG	350	284	65.2	122.4	3 / 2.5	N/A	460/3	31	40	TRANE YHD150G4RVA	1,3,4,5
RTU-5	NOT USED (FUTURE)																						
RTU-6	NOT USED (FUTURE)																						
RTU-7	12.5	4375	770	1.5	145.1	105.8	26.0	4	12.1	77.0/64.1	53.4	NG	350	284	44.3	101.5	3 / 2.5	N/A	460/3	31	40	TRANE YHD150G4RV	2,3,4,5,6
RTU-8	5	1750	170	1.0	55.8	39.7	9.9	4	15.0	76.1/63.4	52.1	NG	80	64	62.9	97.1	1 / 0.8	N/A	460/3	12.3	15	TRANE YHC060F4RMA	1,3,4,5,7

NOTES:
1. PROVIDE MICROPROCESSOR CONTROLS WITH BACNET INTERFACE.
2. PROVIDE FACTORY CONTROLS FOR MULTI- ZONE VAV OPERATION.WITH BACNET NETWORK INTERFACE.
3. PROVIDE INSULATED ROOF CURB.
4. PROVIDE UNPOWERED CONVENIENCE OUTLET.
5. CONDENSING UNIT PERFORMANCE BASED ON 95°F AMBIENT AIR TEMP.
6. PROVIDE VIBRATION ISOLATION ROOF CURB.
7. PROVIDE W/ MODULATING GAS HEAT.

FAN SCHEDULE

TAG	LOCATION	SERVICE	TYPE	ROOF OPENING	CFM	SP IN W.G.	RPM	ELECTRICAL DATA				TYPICAL UNIT MFG & MODEL NO.	NOTES:
								BHP / HP	VOLTS	PH	VFD (DIV. 16)		
EF-1	ROOF	BATHROOM EXHAUST	CENTRIGUGAL ROOF FAN	14.5" x14.5"	1,280	0.5	1317	0.22 / 0.5	115	1	N	GREENHECK G-123-VG	1,2
EF-2	104 NETWORK	104 NETWORK	INLINE	N/A	450	0.4	3000	138 W	115	1	N	FANTECH FG-10	2
EF-3	104 NETWORK	203 ELECTRICAL	CENTRIGUGAL ROOF FAN	12.5" x12.5"	800	0.5	1725	0.16 / 0.17	115	1	N	GREENHECK G-095-VG	1,2

NOTES:
1. PROVIDE WITH ROOF CURB AND ECM MOTOR.
2. PROVIDE WITH FAN SPEED CONTROLLER.

ELECTRIC HEATER SCHEDULE

TAG	LOCATION	TYPE	MOUNTING	AIR DATA			ELECTRICAL DATA			TYPICAL UNIT MFG. & MODEL NO.	NOTES:
				CFM	TEMP °F		kW	VOLTS	PHASE		
					ENT	LVG					
CUH-102	VEST 102	CEILING HEATER	RECESSED (CEILING)	425	68	98	4	277	1	MARKEL G3484	1,2
CUH-103	VEST 103	CEILING HEATER	RECESSED (CEILING)	425	68	98	4	277	1	MARKEL G3484	1,2
FTR-1	SEE DRAWINGS	BASEBOARD HEATER	WALL	N/A	N/A	N/A	1.25	277	1	MARKEL G3912-060	1,2,3,4

NOTES:
1. PROVIDE WITH WHITE FINISH.
2. PROVIDE WITH FACTORY-MOUNTED DISCONNECT SWITCH.
3. 60" LENGTH.
4. TYPICAL SELECTION, REFER TO DRAWINGS FOR QUANTITIES.

UNIT HEATER SCHEDULE - GAS-FIRED

TAG	TYPE	CFM	FUEL	INPUT MBH	OUTPUT MBH	AIR TEMP RISE	V/PH/HZ	HP	TYPICAL UNIT MFG & MODEL NO.	NOTES:
UH-1	SEPARATED COMBUSTION	1650	NG	100	80	51	120/1/60	1/20	TRANE GAND010AD	

NOTES:

REGISTER, DIFFUSER & GRILLE SCHEDULE

TAG	CFM	NECK SIZE	TYPE	DP	MAX NC	TYPICAL UNIT MFG & MODEL NO.	NOTES
S-1	0-100	6"	SQUARE PLAQUE DIFFUSER	0.03	<20	PRICE SPD	
S-2	105-210	8"	SQUARE PLAQUE DIFFUSER	0.05	<20	PRICE SPD	
S-3	215-380	10"	SQUARE PLAQUE DIFFUSER	0.09	<20	PRICE SPD	
S-4	385-600	12"	SQUARE PLAQUE DIFFUSER	0.17	25	PRICE SPD	
R-1	0-450	12"x12"	LOUVERED RETURN GRILLE	0.11	26	PRICE 535	
R-2	455-1000	22"x22"	LOUVERED RETURN GRILLE	0.08	24	PRICE 535	
R-3	1005-2000	22"x46"	LOUVERED RETURN GRILLE	0.08	27	PRICE 535	
R-4	455-1000	22"x22"	LOUVERED RETURN GRILLE	0.08	24	PRICE 535FF	1
E-1	0-450	12"x12"	LOUVERED EXHAUST GRILLE	0.11	26	PRICE 535	
E-2	455-1000	22"x22"	LOUVERED EXHAUST GRILLE	0.08	24	PRICE 535	

NOTES:
1. FILTER RETURN GRILLE W/ 1", MERV 8 FILTER.
2.
3.

GRAVITY VENTILATOR SCHEDULE

TAG	LOCATION	SERVICE	THROAT AREA (SQ. FT.)	THROAT DIMS (L x W.)	THROAT VELOCITY (FPM)	HOOD DIMS (L x W)	SP (IN. W.G.)	TYPICAL UNIT MFG & MODEL NO.	NOTES:
GV-1	ROOF	ELECTRICAL 203	1.78	16" x 16"	450	26" x 36"	0.05	GREENHECK FGI	1,2

NOTES:
1. PROVIDE WITH 1/2" MESH BIRD SCREEN.
2. PROVIDE WITH 24" GALVANIZED ROOF CURB.

VARIABLE AIR VOLUME (VAV) TERMINAL SCHEDULE

TAG	INLET SIZE (IN)	OUTLET SIZE (IN)	CFM MAX.	CFM MIN.	APD MAX. (IN. H20)	ELECTRIC HEATER					AIR HANDLER	TYPICAL UNIT MFG & MODEL NO.	NOTES:
						KW	VOLTS/ PH	STAGES	EAT °F	LAT °F			
VAV 7-1	8	10x11	450	330	0.5"	3.5	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-2	5	10x8	140	110	0.5"	1.5	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-3	5	10x8	85	55	0.5"	1.0	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-4	6	10x8	275	195	0.5"	2.0	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-5	6	10x8	275	195	0.5"	2.0	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-6	5	10x8	135	90	0.5"	1.0	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-7	8	10x11	450	330	0.5"	3.5	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-8	16	22x18	2000	700	0.5"	7.0	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-9	5	10x8	100	60	0.5"	1.0	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1
VAV 7-10	8	10x11	315	100	0.5"	2.0	208/1	MODULATING	55	85	RTU-7	TRANE VCEF	1

NOTES:
1. VAV BOX W/ ELECTRIC HEATER & SCR CONTROLS,

NOTE:

1. SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.

REV.	DESCRIPTION	DATE
1	CONFORMED SET	4-21-15
0	ISSUED FOR CONSTRUCTION	3-3-15

CONFORMED SET
4-21-15

CURRENT ISSUE STATUS:

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HVAC SCHEDULES

SHEET TITLE:

SCALE:	NOT TO SCALE	DATE:	3-3-15
PROJECT MANAGER:	JLH	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	CAH/KPB		
A/E OF RECORD:	CJM	SHEET No.	M-601
SMRT CAD FILE:	M-601-14199		
PROJECT No.	14199-00		

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