

1					2										3				4			
AIR HANDLING UNIT SCHEDULE																						
MARK	LOCATION	AREA AND/OR BLDG SERVED	TYPE	AIR FLOW	AIR FLOW						SUPPLY FAN MARK	RETURN OR RELIEF FAN MARK	EXHAUST FAN MARK	PREFILTER MARK	AFTER FILTER MARK	FINAL FILTER MARK	HEAT RECOVERY MARK	PREHEAT COIL MARK	COOLING COIL MARK	REHEAT COIL	HUMIDIFIER MARK	REMARKS
					SUPPLY		MIN OA		RETURN													
					CFM	[L/s]	CFM	[L/s]	CFM	[L/s]												
RT-9	ROOF	NORTH OFFICES	CUSTOM	VAV	15000	[7100]	4500	[2100]	15000	[7100]	SF-1	N/A	EF-1	PF-1	AF-1	N/A	AHX-1	SHC-1	CWC-1	N/A	N/A	----
RT-10	ROOF	WAREHOUSE	CUSTOM	CV	32000	[15000]	8000	[3800]	32000	[15000]	SF-2	N/A	EF-2	PF-2	AF-2	N/A	AHX-2	SHC-2	CWC-2	N/A	N/A	----
RT-11	ROOF	INTERIOR OFFICES	CUSTOM	VAV	4600	[2200]	1250	[590]	4600	[2200]	SF-3	N/A	EF-3	PF-3	AF-3	N/A	AHX-3	SHC-3	CWC-3	N/A	N/A	----

FAN SCHEDULE																									
MARK	LOCATION	SYSTEM AND/OR SERVICE	NUMBER OF FANS	AIR FLOW		TSP		FAN										MOTOR ELECTRICAL						REMARKS	
				CFM	[L/s]	IN	[Pa]	TYPE	WHEEL	CLASS	ARRANGEMENT, ROTATION, AND DISCHARGE	DIAMETER		MIN % EFF	DRIVE	FAN MAX RPM	NOMINAL POWER			PHASE	VOLT	RPM	SPEED CONTROL		
												IN	[mm]				BHP	HP	[kW]						
1-SF1	ROOF	RT-9	2	15000	[9400]	6.03	[1503]	PLENUM	AIRFOIL	II	ARR 4, ROTATION WA, HORIZONTAL DISCH	20	[886]	70%	DIRECT	2412	10.67	15	[11]	3	460	1750	VARIABLE		
1-SF2	ROOF	RT-10	2	32000	[9400]	5.17	[1503]	PLENUM	AIRFOIL	II	ARR 4, ROTATION WA, HORIZONTAL DISCH	30	[886]	75%	DIRECT	1496	18.31	25	[11]	3	460	1200	CONSTANT		
1-SF3	ROOF	RT-11	1	4600	[13000]	5.63	[1401]	PLENUM	AIRFOIL	II	ARR 4, ROTATION WA, HORIZONTAL DISCH	15.75	[686]	59%	DIRECT	3352	7.34	10	[15]	3	460	3600	CONSTANT		
1-RF1	ROOF	RT-9	2	15000	[9400]	2.14	[626]	PLENUM	AIRFOIL	I	ARR 4, ROTATION WA, HORIZONTAL DISCH	24.5	[838]	75%	DIRECT	1235	3.74	5	[11]	3	460	1200	VARIABLE		
1-RF2	ROOF	RT-10	2	32000	[9400]	2.28	[626]	PLENUM	AIRFOIL	I	ARR 4, ROTATION WA, HORIZONTAL DISCH	33	[838]	73%	DIRECT	997	8.18	15	[11]	3	460	1200	CONSTANT		
1-RF3	ROOF	RT-11	1	4600	[13000]	2.23	[529]	PLENUM	AIRFOIL	I	ARR 4, ROTATION WA, HORIZONTAL DISCH	18.25	[927]	69%	DIRECT	1804	16.87	3	[15]	3	460	1800	CONSTANT		

CHILLED WATER COOLING COIL SCHEDULE																																	
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	EAT												LAT				TOTAL CAPACITY	SENSIBLE CAPACITY		CHILLED WATER								REMARKS		
				CFM				MAX FACE VELOCITY				APD				Db					Wb				FPM		EWT		LWT			WPD	
				[FPM]	[L/s]	[FPM]	[m/s]	[IN W]	[Pa]	°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]		°F	[°C]	[FPM]	[L/s]	[°F]	[°C]	[°F]	[°C]	FT	[M]			
CWC-1	ROOF	OFFICES	RT-9	15000	[1700]	450	[12]	0.79	[200]	[1]	80	[27]	67	[19]	55	[13]	54	[12]	624.3	[180]	418.9	[120]	76	[5]	60	[16]	44	[7]	8	[2]	PROVIDE CAPACITY WITH 45% ETHYLENE GLYCOL		
CWC-2	ROOF	WAREHOUSE	RT-10	32000	[15000]	450	[12]	0.74	[190]	[80]	[27]	67	[19]	55	[13]	54	[12]	878.9	[260]	1284.2	[380]	160	[10]	60	[16]	44	[7]	14.5	[4]	PROVIDE CAPACITY WITH 45% ETHYLENE GLYCOL			
CWC-3	ROOF	OFFICES	RT-11	4600	[1200]	450	[12]	0.57	[160]	[80]	[27]	67	[19]	55	[13]	54	[12]	187.5	[56]	127.6	[37]	23	[2]	60	[16]	44	[7]	9.4	[3]	PROVIDE CAPACITY WITH 45% ETHYLENE GLYCOL			

STEAM HEATING COIL SCHEDULE																										
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	APPLICATION	AIR FLOW		MAX FACE VELOCITY		APD		TEMPERATURES				TOTAL MIN CAPACITY		STEAM						REMARKS			
					CFM	[L/s]	FPM	[M/S]	IN WVG	[Pa]	FEAT		LAT		MBH	[kW]	ENT CONT VALVE		ENT COIL		FLOW			MARK	STEAM TRAP	
											"F	"C	"F	"C			PSIG	[kPa]	PSIG	[kPa]	LBS/HR	[kg/HR]			MARK	LBS/HR
LPSC-1	ROOF	NORTH OFFICES	RT-9	HEATING	15000	[7100]	500	[2.54]	0.34	[85]	55	[13]	105	[41]	824	[2800]	15	[100]	5	[35]	870	[390]	TP-1	870	[390]	----
LPSC-2	ROOF	WAREHOUSE	RT-10	HEATING	32000	[15000]	500	[2.54]	0.18	[45]	55	[13]	105	[41]	1,677	[5700]	15	[100]	5	[35]	1774	[810]	TP-2	1774	[810]	
LPSC-3	ROOF	OFFICES	RT-11	HEATING	4600	[2200]	500	[2.54]	0.26	[65]	55	[13]	105	[41]	246	[840]	15	[100]	5	[35]	265	[120]	TP-3	265	[120]	

HEAT PIPE AIR TO AIR HEAT EXCHANGER SCHEDULE																																	
MARK	LOCATION	SYSTEM AND/OR SERVICE	MODE	MIN SUPPLY AIR EFF %	SUPPLY AIR												EXHAUST AIR												REMARKS				
					SUPPLY AIR FLOW		APD	EAT				LAT				EXHAUST AIR FLOW		APD	EAT				LAT				ELECTRICAL DATA						
								Db		Wb		Db		Wb					Db		Wb		Db		Wb								
					CFM	[L/s]	IN	[Pa]	°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]	CFM	[L/s]	IN	[mm]	°F	[°C]	°F	[°C]	°F	[°C]	°F	[°C]		[V]	PHASE	VOLT	
AAHX1	ROOF	RT-9	COOLING	60%	4500	[2100]	0.41	[100]	94	[34]	76	[24]	87	[31]	68	[20]	4500	[2100]	0.41	[10]	78	[28]	65	[18]	84	[29]	73	[21]	.	.	.		R134A
			HEATING	40%	4500	[2100]	0.41	[100]	-8	[-22]	-9	[-23]	22	[-6]	15	[-9]	4500	[2100]	0.38	[10]	68	[20]	51	[11]	38	[13]	26	[-3]	.	.	.		
AAHQ	ROOF	RT-10	COOLING	60%	8000	[3800]	0.35	[88]	94	[34]	76	[24]	87	[31]	68	[20]	8000	[3800]	0.35	[9]	78	[28]	65	[18]	84	[29]	73	[21]	.	.	.		R134A
			HEATING	40%	8000	[3800]	0.32	[80]	-8	[-22]	-9	[-23]	22	[-6]	15	[-9]	8000	[3800]	0.32	[8]	68	[20]	51	[11]	38	[13]	26	[-3]	.	.	.		
AAHQ	ROOF	RT-11	COOLING	60%	1250	[590]	0.39	[98]	94	[34]	76	[24]	87	[31]	68	[20]	1250	[590]	0.39	[10]	78	[28]	65	[18]	84	[29]	73	[21]	.	.	.		R134A
			HEATING	40%	1250	[590]	0.37	[93]	-8	[-22]	-9	[-23]	22	[-6]	15	[-9]	1250	[590]	0.37	[9]	68	[20]	51	[11]	38	[13]	26	[-3]	.	.	.		

AIR FILTER SCHEDULE																
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	MERV RATING	AIR FLOW		APD				HOUSING TYPE	#	CARTRIDGES		REMARKS	
							INITIAL		CHANGEOVER				SIZE			
					CFM	[L/s]	IN	[mm]	IN	[mm]			IN	[mm]		
HFF-1	ROOF	OFFICES	RT-9	8	4500	[2100]	0.25	[6]	0.5	[13]	BACK	-	2" x____x____	-	2" WIDE BY ____HIGH	MIN OA FILTER
HFF-2	ROOF	OFFICES	RT-10	8	8000	[3800]	0.25	[6]	0.5	[13]	BACK	-	2" x____x____	-	2" WIDE BY ____HIGH	MIN OA FILTER
HFF-3	ROOF	WAREHOUSE	RT-11	8	1250	[590]	0.25	[6]	0.5	[13]	BACK	-	2" x____x____	-	2" WIDE BY ____HIGH	MIN OA FILTER
PF-1	ROOF	OFFICES	RT-9	8	15000	[7100]	0.25	[6]	0.5	[13]	SIDE	-	2" x____x____	-	2" WIDE BY ____HIGH	PRE-FILTER
PF-2	ROOF	OFFICES	RT-10	8	32000	[15000]	0.25	[6]	0.5	[13]	SIDE	-	2" x____x____	-	2" WIDE BY ____HIGH	PRE-FILTER
PF-3	ROOF	WAREHOUSE	RT-11	8	4800	[2200]	0.25	[6]	0.5	[13]	SIDE	-	2" x____x____	-	2" WIDE BY ____HIGH	PRE-FILTER
AF-1	ROOF	OFFICES	RT-9	13	15000	[7100]	0.65	[16]	1.3	[33]	SIDE	-	4" x____x____	-	4" WIDE BY ____HIGH	FINAL FILTER
AF-2	ROOF	OFFICES	RT-10	13	32000	[15000]	0.65	[16]	1.3	[33]	SIDE	-	4" x____x____	-	4" WIDE BY ____HIGH	FINAL FILTER
AF-3	ROOF	WAREHOUSE	RT-11	13	4600	[2200]	0.65	[16]	1.3	[33]	SIDE	-	4" x____x____	-	4" WIDE BY ____HIGH	FINAL FILTER

AMENDMENT	10-14-2018
100X CONSTRUCTION DOCUMENTS FOR BID - REVISED	05-06-2013
95X CONSTRUCTION DOCUMENTS SUBMITTAL	10-17-2011
50X CONSTRUCTION DOCUMENTS SUBMITTAL	06-30-2011
Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

**Kluber, Inc.**  
10 S. Shumway Ave.  
Batavia, Illinois 60510  
tel. 630.406.1213  
fax 630.406.9472  
[www.kluberinc.com](http://www.kluberinc.com)

**Kluber**  
Architects + Engineers

Drawing Title  
MECHANICAL SCHEDULES

Approved: Project Director

Project Title  
HINES BUILDING 37  
CMOP INTERIOR RENOVATION

Location	VA OFFICE OF ACQUISITION AND LOGISTICS HINES, ILLINOIS
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Date  
05-06-2013

Checked	1. JK
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	Drawing Number
Drawn	37 - M711
CHK	

Office of  
Construction  
and Facilities  
Management



				EXPANSION TANK SCHEDULE																						
MARK	LOCATION	SYSTEM AND/OR SERVICE	TYPE	APPROX SYSTEM VOLUME	SYSTEM TEMPERATURE RANGE				INITIAL PRESSURE IN TANK	MAX OPERATING PRESSURE	FILL PRESSURE AT TANK		MIN VOLUME TANK	MIN BLADDER VOLUME	PIPE SIZE TO TANK	COLD WATER FILL SIZE	REMARKS									
					MIN		MAX				RELIEF VALVE	AT TANK														
				GAL	[L]	°F	[°C]	°F	[°C]	PSIG			[kPa]	PSIG	[kPa]	PSIG		[kPa]	GAL	[L]	GAL	[L]	IN	[mm]	IN	[mm]
ET-1	MECH RM	HOT	VERT DIAPHRAGM	600	[2300]	70	[21°]	180	[82°]	10	[69]	30	[210]	50	[350]	15	[100]	56	[210]	23	[87]	1	[25]	0.75	[19]	

AIR SEPARATOR SCHEDULE											
MARK	LOCATION	SYSTEM AND/OR SERVICE	TYPE	AIR SEPARATOR							REMARKS
				SIZE IN		FLOW		WPD		BUILT-IN STRAINER REQ'D	
				IN	[mm]	GPM	[L/s]	FT	[kPa]		
AS-1	MECH RM	HOT WATER	FULL FLOW TANGENTIAL	3	[ 75 ]	90	[ 6 ]	3.2	[ 10 ]	YES	---

PUMP SCHEDULE																						
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	TYPE	CIRCULATING FLUID										MIN % EFF	ELECTRICAL MOTOR					REMARKS	
					FLUID	FLOW		HEAD		NPSH AVAILABLE		TEMPERATURE		SP GR		NOMINAL POWER		PHASE	VOLT	MAX RPM		SPEED CONTROL
						GPM	[L/s]	FT	[kPa]	FT	[kPa]	°F	[°C]			HP	[kW]					
CWP-2	MECH RM	BLDG 37	CONDENSER WATER	VERTICAL INLINE	WATER	1 675	[43]	45	[720]	N/A	N/A	85	[29]	1	77	15	[11]	3	460	1750	VARIABLE	----
HWP-1	MECH RM	BLDG 37	HEATING	VERTICAL INLINE	WATER	86	[5]	55	[880]	N/A	N/A	160	[71]	1	77	3	[2]	3	460	1750	VARIABLE	----

WATER COOLED CHILLER SCHEDULE																															
MARK	LOCATION	AREA AND/OR BLDG SERVED	TYPE	CAPACITY		EVAPORATOR						CONDENSER						ELECTRICAL				REMARKS									
				TONS	[kW]	MAX W/TON	MIN COP	MAX PLV (W/TON)	FLOW GPM	[L/s]	EWIT °F	[°C]	LWT °F	[°C]	MAX WPD FT	[mPa]	FOULING FACT	FLOW GPM	[L/s]	EWIT °F	[°C]		LWT °F	[°C]	MAX WPD FT	[mPa]	FOULING FACT	POWER MCA	PHASE	VOLT	SPEED CONTROL
CH-2	MECH RM	BLDG 37	CENTRIFUGAL	225	[84]	0.679	5.17	0.387	382	[145]	69	[16]	44	[7]	7	[21]	0.0010	678	[91]	85	[29]	84.4	[18]	7.3	[22]	0.0005	248	3	480	VARIABLE	SINGLE POINT POWER CORRECTION FOR 480V, 3PH, 3W, 60HZ, 0.0025 TUBE THICKNESS
				⚠																											

COOLING TOWER SCHEDULE																															
MARK	LOCATION	SERVICE	TOWER TYPE	TOTAL NOMINAL CAPACITY		# CELLS	FLOW RATE EACH CELL		WPD		TEMPERATURE						FAN MOTOR				SUMP HEATER				MAX OPERATING WEIGHT		MAX HEIGHT WITH RAIL		REMARKS		
				TONS	[kW]		GPM	[L/s]	FT	[Pa]	°F	[°C]	°F	[°C]	LWT	NO	HP	[kW]	PHASE	VOLT	RPM	SPEED CONTROL	TYPE	BTH	[W]	LB	[kg]	FT		[M]	
CT-2	ROOF	CONDENSER WATER	CROSS FLOW	281	[80]	1	675	[43]	12	[36]	76	[24]	95	[35]	85	[29]	1	10	[8]	3	460	1750	VARIABLE	ELECTRIC IMMERSION	20478	[8000]	11,110	[5000]	22	[7]	

HOT WATER HEATING COIL SCHEDULE																										
MARK	LOCATION	AREA AND/OR BLDG SERVED	SYSTEM AND/OR SERVICE	APPLICATION	AIR FLOW		MAX FACE VELOCITY		APD		TEMPERATURES				TOTAL MN CAPACITY		HOT WATER					% GLYCOL	REMARKS			
					CFM	[L/s]	FPM	[m/s]	IN WG	[Pa]	EAT		LAT		MBH	[kW]	FLOW		EWT		LWT			WPD		
											°F	[°C]	°F	[°C]			GPM	[L/s]	°F	[°C]	°F				[°C]	FT
HWRH-1	C1001	C1001.C1007	RT-R	REHEAT	1095	[520]	450	[2]	0.2	[50]	65	[18]	105	[41]	47304	[160000]	4.7	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-2	C1002	C1002	RT-R	REHEAT	1440	[680]	450	[2]	0.2	[50]	65	[18]	105	[41]	62208	[210000]	6.2	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-3	C1006	C1006	RT-R	REHEAT	1440	[680]	450	[2]	0.2	[50]	65	[18]	105	[41]	62208	[210000]	6.2	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-4	C1006	C1003.C1004	RT-R	REHEAT	400	[190]	450	[2]	0.2	[50]	65	[18]	105	[41]	17280	[59000]	1.7	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-5	C1006	C1006	RT-R	REHEAT	870	[410]	450	[2]	0.2	[50]	65	[18]	105	[41]	37584	[130000]	3.8	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-6	113	C1011.1012	RT-R	REHEAT	600	[280]	450	[2]	0.2	[50]	65	[18]	105	[41]	25920	[88000]	2.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-7	C1010	C1009	RT-R	REHEAT	600	[280]	450	[2]	0.2	[50]	65	[18]	105	[41]	25920	[88000]	2.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-8	C1009	C1010	RT-R	REHEAT	1050	[500]	450	[2]	0.2	[50]	65	[18]	105	[41]	45360	[150000]	4.5	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-9	C1041	C1013.C1014	RT-R	REHEAT	200	[94]	450	[2]	0.2	[50]	65	[18]	105	[41]	8640	[28000]	0.9	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-10	C1043	C1015.C1016.C1017	RT-R	REHEAT	465	[220]	450	[2]	0.2	[50]	65	[18]	105	[41]	20088	[69000]	2.0	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-11	C1043	C1018	RT-R	REHEAT	225	[110]	450	[2]	0.2	[50]	65	[18]	105	[41]	9720	[33000]	1.0	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-12	C1043	C1019	RT-R	REHEAT	245	[120]	450	[2]	0.2	[50]	65	[18]	105	[41]	10584	[36000]	1.1	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-13	C1043	C1020.C1021	RT-R	REHEAT	445	[210]	450	[2]	0.2	[50]	65	[18]	105	[41]	19224	[66000]	1.9	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-14	C1023	C1023	RT-R	REHEAT	300	[140]	450	[2]	0.2	[50]	65	[18]	105	[41]	12960	[44000]	1.3	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-15	C1026	C1025.C1026	RT-R	REHEAT	680	[320]	450	[2]	0.2	[50]	65	[18]	105	[41]	29376	[100000]	2.9	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-16	C1048	C1028	RT-R	REHEAT	300	[140]	450	[2]	0.2	[50]	65	[18]	105	[41]	12960	[44000]	1.3	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-17	C0148	C1029.1030	RT-R	REHEAT	240	[110]	450	[2]	0.2	[50]	65	[18]	105	[41]	10368	[35000]	1.0	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-18	C1048	C1031.C1032	RT-R	REHEAT	240	[110]	450	[2]	0.2	[50]	65	[18]	105	[41]	10368	[35000]	1.0	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-19	C1048	C1033.C1034	RT-R	REHEAT	240	[110]	450	[2]	0.2	[50]	65	[18]	105	[41]	10368	[35000]	1.0	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-20	C1036	C1036	RT-R	REHEAT	540	[250]	450	[2]	0.2	[50]	65	[18]	105	[41]	23228	[80000]	2.3	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-21	C1037	C1037.C1038	RT-R	REHEAT	380	[180]	450	[2]	0.2	[50]	65	[18]	105	[41]	16416	[56000]	1.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-22	C1040	C1040.C1041	RT-R	REHEAT	370	[170]	450	[2]	0.2	[50]	65	[18]	105	[41]	15884	[55000]	1.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-23	C1042	C1042	RT-R	REHEAT	600	[280]	450	[2]	0.2	[50]	65	[18]	105	[41]	25920	[88000]	2.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-24	C1042	C1042	RT-R	REHEAT	600	[280]	450	[2]	0.2	[50]	65	[18]	105	[41]	25920	[88000]	2.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-25	C1044	C1044	RT-R	REHEAT	400	[190]	450	[2]	0.2	[50]	65	[18]	105	[41]	17280	[59000]	1.7	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-26	C1044	C1045.C1046	RT-R	REHEAT	240	[110]	450	[2]	0.2	[50]	65	[18]	105	[41]	10368	[35000]	1.0	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-27	C1047	C1047	RT-R	REHEAT	175	[83]	450	[2]	0.2	[50]	65	[18]	105	[41]	7560	[26000]	0.8	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-28	C1049	C1049	RT-R	REHEAT	500	[240]	450	[2]	0.2	[50]	65	[18]	105	[41]	21600	[74000]	2.2	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-29	C1049	C1049	RT-R	REHEAT	500	[240]	450	[2]	0.2	[50]	65	[18]	105	[41]	21600	[74000]	2.2	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-30	C1022	C0201	RT-R	REHEAT	400	[190]	450	[2]	0.2	[50]	65	[18]	105	[41]	17280	[59000]	1.7	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-31	C1060	C1060	RT-11	REHEAT	420	[200]	450	[2]	0.2	[50]	65	[18]	105	[41]	18144	[62000]	1.8	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-32	C1061	C1061	RT-11	REHEAT	630	[300]	450	[2]	0.2	[50]	65	[18]	105	[41]	27216	[93000]	2.7	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-33	C1063	C1062	RT-11	REHEAT	510	[240]	450	[2]	0.2	[50]	65	[18]	105	[41]	22032	[75000]	2.2	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-34	C1063	C1063	RT-11	REHEAT	150	[71]	450	[2]	0.2	[50]	65	[18]	105	[41]	6480	[22000]	0.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-35	C1064	C1064	RT-11	REHEAT	450	[210]	450	[2]	0.2	[50]	65	[18]	105	[41]	19440	[66000]	1.9	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-36	C1066	C1066	RT-11	REHEAT	705	[330]	450	[2]	0.2	[50]	65	[18]	105	[41]	30456	[100000]	3.0	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-37	C1068, C1069	C1068, C1069	RT-11	REHEAT	400	[190]	450	[2]	0.2	[50]	65	[18]	105	[41]	17280	[59000]	1.7	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-38	C1071	C1071	RT-11	REHEAT	150	[71]	450	[2]	0.2	[50]	65	[18]	105	[41]	6480	[22000]	0.6	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-39	C1073	C1073	RT-11	REHEAT	300	[140]	450	[2]	0.2	[50]	65	[18]	105	[41]	12960	[44000]	1.3	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX
HWRH-40	C1074	C1074	RT-11	REHEAT	350	[170]	450	[2]	0.2	[50]	65	[18]	105	[41]	15120	[52000]	1.5	[ ]	160	[71]	140	[60]	8	[24]	0	FURNISH W VAV BOX