

**Packaged Heat Pump Unit Vent Schedule**

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling											Heating						MCA (A)	Elec	MFG Model	Remarks	Unit Price		
			EDB (Deg F)	EWB (Deg F)	LDB (Deg F)	LWB (Deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	E.E.R.	HP EAT	HP LAT	HP MBH	HP COP	Elec EAT	Elec LAT	Elec KW										
UV-1	1500	450	80	67.00	61.40	57.7	30.3	44.9	10.4						70.00	96.10	42.4	2.9	70	116.1	22	52.69	460/60/3	Daikin UAEQK044		
UV-2	1500	450	80	67.00	61.40	57.7	30.3	44.9	10.4						70.00	96.10	42.4	2.9	70	116.1	22	52.69	460/60/3	Daikin UAEQK044		
UV-3	1500	450	80	67.00	61.40	57.7	30.3	44.9	10.4						70.00	96.10	42.4	2.9	70	116.1	22	52.69	460/60/3	Daikin UAEQK044		
UV-4	1500	450	80	67.00	61.40	57.7	30.3	44.9	10.4						70.00	96.10	42.4	2.9	70	116.1	22	52.69	460/60/3	Daikin UAEQK044		
UV-5	1500	450	80	67.00	61.40	57.7	30.3	44.9	10.4						70.00	96.10	42.4	2.9	70	116.1	22	52.69	460/60/3	Daikin UAEQK044		
UV-6	1500	450	80	67.00	61.40	57.7	30.3	44.9	10.4						70.00	96.10	42.4	2.9	70	116.1	22	52.69	460/60/3	Daikin UAEQK044		

NOTES: Provide with air source heat pump, modulating electric heat, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, wall sleeve, and louver.

**Subtotal Packaged Heat Pump Unit Ventilator Schedule**

**Air Cooled Chiller Schedule**

Tag	Cooling											Heating						MCA (A)	Elec	MFG Model	Remarks	Unit Price				
	EWT	LWT	Nom GPM	WPD ft H2O	IPLV.IP	Tons	Input Power																			
CH-1	54	42	668	9	17.73	335	402.2 kW															649	480/3/60	Daikin AWW022B		

NOTES: Provide with single point power connection, variable speed compressors, variable speed condensor fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blankets

**Subtotal Air Cooled Chiller Schedule**

**Total Al DuPont High School**

**Packaged Rooftop Unit Schedule - Cooling Only**

Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling Coil								Ambient Air DB (°F)	FLA	MOCP	Elec	MFG/ Model	Remarks	Unit Price
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens MBH	Total MBH									
AHU-1	35,500	11,200	4.20	3.50	84	68	54.5	54.3	1048	1400	95	686	800	208/60/3	Polar Cooling Technologies P-CRTP.J120.AC1.EH.6SF.6RF	Provide duct mounted static pressure sensor for control of existing VAV boxes. CUSTOM UNIT			
Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, modulating hot gas reheat, DX cooling, modulating inverter type compressors, suction & discharge refrigerant isolation valves, single point power connection, direct drive airfoil supply and return fan, copper tube/aluminum fin dx coil, aluminum microchannel hot gas reheat coil, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, return air relative humidity sensor, outdoor and return air enthalpy sensor, and 4" filter rack on both supply & exhaust airstreams																			
<b>Subtotal Packaged Rooftop Unit Schedule - Cooling Only</b>																			

**Condensing Unit Schedule**

Tag	Matching Unit	Ambient Temp (deg F)	Nominal Capacity (tons)	S.T. (deg F)	Capacity Control	MCA	MOCP	Elec	MFG Model	Remarks	Unit Price
CU-4	AHU-4	92	25	44	Variable capacity compressor on lead circuit	128.20	150	208/3/60	Daikin DCSA025		
NOTES: Provide with control transformer, variable speed compressor on primary circuit, built-in condenser hail protection, 65 kA SCCR & spring-type vibration isolation for rooftop mounting											
<b>Subtotal Condensing Unit Schedule</b>											

**DX Coil Schedule**

Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling Coil								Suction Temp	MFG Model	Remarks	Unit Price
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens MBH	Total MBH						
AHU-4	-	-	-	-	76.9	64.6	54.2	52.5	186.5	268.80	44.00	Daikin 5EJ0806B	Replacement cooling coil only. Coordinate dimensions w/ existing AHU			
NOTES:																
<b>Subtotal DX Coil Schedule</b>																
<b>Total Al DuPont Middle School</b>																

**Packaged Energy Recovery Rooftop Air Conditioning Unit**

Tag	CFM	Min OA	Total SP <i>(in H2O)</i>	Ext. SP <i>(in H2O)</i>	ERV - Cooling			Cooling Coil						ERV - Heating			Gas Heating				FLA	Elec	MFG Model	Remarks	Unit Price		
					CFM	EDB/EWB (deg F)	LDB/LWB (deg F)	EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Net Sens MBH	Total MBH	Eff. EER	CFM	EDB	LDB	EAT (deg F)	LAT (deg F)	MBH Input						MBH Output	
RTU-1	14,000	11,400	3.84	1	11400	89/74	82.2/69.5	80.9	68.2	55.6	55.5	387.5	564.1	10	11400	14	45.2	50	92	800	648	131	150	Daikin DP5A050			
NOTES: Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, modulating hot gas reheat, DX cooling, modulating inverter type compressors, modulating gas furnace w/ 10:1 turndown, total energy recovery wheel, suction & discharge refrigerant isolation valves, single point power connection, direct drive airfoil supply and return fan, copper tube/aluminum fin dx coil, aluminum microchannel hot gas reheat coil, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, return air relative humidity sensor, outdoor and return air enthalpy sensor, and 4" filter rack on both supply & exhaust airstreams. Provide 65 kA SCCR																											
<b>Subtotal Packaged Energy Recovery Rooftop Air Conditioning Unit</b>																											
<b>Total Brandywine Springs</b>																											

NOT FOR BIDDING





**Hydronic Air Handling Unit Schedule**

Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling Coil									Heating						Fan HP	Elec	MFG/ Model	Remarks	Unit Price		
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens MBH	Total MBH	EWT (deg F)	H <sub>2</sub> O T rise	Flow (GPM)	WPD (ft H2O)	EAT (deg F)	LAT (deg F)	MBH	EWT (deg F)	H <sub>2</sub> O T drop						Flow (GPM)	WPD (ft H2O)
AHU-1-01	6,500	5,120	3.3	1.00	86.1	71.6	49.7	49.5	258.9	448.4	42	10	89.4	12.7	52.9	80.3	195	120	20.2	19.3	2	4.4	460/60/3	Daikin OAH014GDCC		
AHU-1-03	11,000	5,760	3.6	1.50	78.2	64.8	49.6	49.3	344.3	490.3	42	10.2	96.6	12.2	52.9	84.6	380.7	120	20.4	37.4	2.8	6.6	460/60/3	Daikin OAH025GDCC		
AHU-1-05	11,000	5,760	3.6	1.50	78.2	64.8	49.6	49.3	344.3	490.3	42	10.2	96.6	12.2	52.9	84.6	380.7	120	20.4	37.4	2.8	6.6	460/60/3	Daikin OAH025GDCC		
AHU-1-06	14,000	8,950	4.56	1.75	88.6	73.8	51.2	51.0	572.1	1036.2	42	10.1	204.3	10.8	52.9	81.2	433.2	120	20.1	43	4.6	4.4	460/60/3	Daikin OAH030GDCC		
AHU-1-07	14,000	5,400	2.98	1.50	88.6	73.8	51.2	51.0	572.1	1036.2	42	10.1	204.3	10.8	52.9	81.2	433.2	120	20.1	43	4.6	4.4	460/60/3	Daikin OAH030GDCC		

NOTES: Provide with mixing box, dual temperature coil, ECM fan array, access section, double wall construction with R-13 injected foam insulation, pipe chase, ultra low leak dampers & serpentine freezestat

**Subtotal Hydronic Air Handling Unit Schedule**

**Packaged Heat Pump Rooftop Unit Schedule**

Tag	CFM	Min O/A	Tot. SP	Ext. SP	DX Coil - Cooling							DX Coil - Heating					FLA	MOCP	Elec	MFG/ Model	Remarks	Unit Price
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens MBH	Total MBH	Ambient Air DB (°F)	EAT (deg F)	LAT (deg F)	MBH	Ambient Air (°F)							
RTU-1	7600	1950	2.20	1.00	77	65	54.9	53.7	176	249	95	59.6	80.7	174	15	119	175	208/60/3	Daikin DPSH20B	Library		

Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, modulating hot gas reheat, DX cooling, DX heating, modulating inverter type compressors, suction & discharge refrigerant isolation valves, single point power connection, direct drive airfoil supply and return fan, copper tube/aluminum fin dx coil, aluminum microchannel hot gas reheat coil, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, return air relative humidity sensor, outdoor and return air enthalpy sensor, and 2" filter rack on both supply & exhaust airstreams. Provide 65 kA SCCR. MAIN HEATING IS VIA EXISTING DUCT MOUNTED HOT WATER COILS. PROVIDE CONTROLS REQUIRED FOR NEW UNIT TO CONTROL EXISTING HOT WATER COIL.

NOTES:

**Subtotal Heat Pump Rooftop Unit Schedule**

**Water Cooled Chiller Schedule**

Tag	Evaporator				Condenser				NPLV	CAP (Tons)	KW System	RLA	Voltage	Manufacturer	Model #	Unit Price
	EWT (Deg F)	LWT (Deg F)	Nom GPM	WPD ft H2O	EWT (Deg F)	LWT (Deg F)	Nom GPM	WPD ft H2O								
CH-1	52	42	960	18.6	85	95	1200	11.9	0.3761	400	244.2	335	480/3/60	Daikin	WME092CSCNA	

NOTES: Provide with VFD / inlet guide vane capacity control, single point power connection, and 3/4" insulation

**Subtotal Cooled Chiller Schedule**

**Total Dickinson High School**

Unit Ventilator Schedule

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling											Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price			
			EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)								
UV-1	1,000	150			82.5	62.80	56.90	52.2	27.8	30.8	4.74	42	55	2.63		54.20	100.90	50.60	5.00	120	100	3.01	1/3	208/1	Daikin UAAV9H10		
UV-2	980	450			85.2	70.30	58.60	55.8	28.3	45.8	7.05	42	55	4.12		38.60	105.40	70.90	7.00	120	100	4.13	1/3	208/1	Daikin UAAV9H10		
UV-3	980	450			85.2	70.30	58.60	55.8	28.3	45.8	7.05	42	55	4.12		38.60	105.40	70.90	7.00	120	100	4.13	1/3	208/1	Daikin UAAV9H10		
UV-4	925	450			86.1	71.20	58.50	56.1	29	48.2	7.43	42	55	4.57		32.80	104.40	76.00	7.00	120	98	4.13	1/3	208/1	Daikin UAAV9H10		
UV-5	1,230	450			84.4	68.80	59.30	55.9	33.5	50.4	7.75	42	55	5.07		44.00	99.00	73.30	7.00	120	99	4.25	1/3	208/1	Daikin UAAV9H13		
UV-6	1,230	450			84.4	68.80	59.30	55.9	33.5	50.4	7.75	42	55	5.07		44.00	99.00	73.30	7.00	120	99	4.25	1/3	208/1	Daikin UAAV9H13		
UV-7	1,444	450			83.4	67.20	56.60	53.1	42	61.9	9.53	45	55	8.45		48.90	106.70	90.60	9.00	120	100	7.41	1/3	208/1	Daikin UAAV9H15		
UV-8	1,444	450			83.4	67.20	56.60	53.1	42	61.9	9.53	45	55	8.45		48.90	106.70	90.60	9.00	120	100	7.41	1/3	208/1	Daikin UAAV9H15		
UV-9	1,444	450			83.4	67.20	56.60	53.1	42	61.9	9.53	45	55	8.45		48.90	106.70	90.60	9.00	120	100	7.41	1/3	208/1	Daikin UAAV9H15		
UV-10	1,444	1,444			89.0	74.00	58.20	55.9	48.2	88.5	13.6	42	55	17.3		14.00	101.30	136.80	13.50	120	100	16.9	1/3	208/1	Daikin UAAV9H15		
UV-11	1,444	1,444			89.0	74.00	58.20	55.9	48.2	88.5	13.6	42	55	17.3		14.00	101.30	136.80	13.50	120	100	16.9	1/3	208/1	Daikin UAAV9H15		
UV-12	1,444	1,444			89.0	74.00	58.20	55.9	48.2	88.5	13.6	42	55	17.3		14.00	101.30	136.80	13.50	120	100	16.9	1/3	208/1	Daikin UAAV9H15		
UV-13	1,444	1,444			89.0	74.00	58.20	55.9	48.2	88.5	13.6	42	55	17.3		14.00	101.30	136.80	13.50	120	100	16.9	1/3	208/1	Daikin UAAV9H15		
UV-14	1,444	450			83.5	67.00	56.60	53	42.2	61.2	9.42	42	55	8.28		49.70	106.90	89.60	9.00	120	100	7.41	1/3	208/1	Daikin UAAV9H15		
NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, custom wall sleeve, serpentine freezeestat and pipe tunnel.																											
<b>Subtotal Unit Ventilator Schedule</b>																											

NOT FOR BIDDING

**Hydronic Air Handling Unit Schedule**

Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling Coil										Heating						Fan HP	Elec	MFG/ Model	Remarks	Unit Price		
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)	
AHU-1	6,081	2,764	2.44	0.50	84	71	53.5	53.2	202.5	348	52.8	42	55	8.6	41.7	106.1	428.3	38.8	120	97.9	4.2	5	460V/3Φ	Daikin CAH012GDCC	122 Multipurpose		
AHU-2	1,736	1,454	2.26	0.50	87.5	72.8	54.1	53.8	63.3	109	16.34	42	55	4.8	22.2	105.9	159	14.8	120	98.5	3.4	2.5	460V/3Φ	Daikin CAH004GDCC	123 Stage		
NOTES: Provide with mixing box, dual temperature coil, ECM fan array, access section, double wall construction with R-13 injected foam insulation, pipe chase, ultra low leak dampers & serpentine freezestat																											
<b>Subtotal Hydronic Air Handling Unit Schedule</b>																											

**Packaged Rooftop Unit Schedule**

Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling Coil										DX Coil - Heating				Electric Heating			MCA	Elec	MFG/ Model	Remarks	Unit Price	
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens MBH	Total MBH	EAT (deg F)	LAT (deg F)	MBH	Ambient Air (°F)	EAT (deg F)	LAT (deg F)	KW										
RTU-1	2,653	180	1.50	0.50	79.4	59.6	47.1	46.2	90	90					62.2	91	85.4	47	62.2	104.9	36	80.7	460V/3Φ	Daikin WSC090A			
Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, modulating hot gas reheat, DX cooling, DX heating, modulating inverter type compressors, SCR control modulating electric resistance heat, suction & discharge refrigerant isolation valves, single point power connection, direct drive airfoil supply and return fan, copper tube/aluminum fin dx coil, aluminum microchannel hot gas reheat coil, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, return air relative humidity sensor, outdoor and return air																											
NOTES: enthalpy sensor, and 2" filter rack on both supply & exhaust airstreams. Provide 65 kA SCCR																											
<b>Subtotal Packaged Rooftop Unit Schedule</b>																											

**Air Cooled Chiller Schedule**

Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling										KW System	CKT (MCA)	MCA	Elec	MFG Model	Remarks	Unit Price						
					EWT	LWT	Nom GPM	WPD ft H2O	E.E.R.	OAT	Nom CAP (Tons)																
CH-1					55	42	615	7.8	9.7	95	350	434	698				460/3Φ	Daikin AWV022B									
NOTES: Provide with single point power connection, variable speed compressors, variable speed condensor fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blankets																											
<b>Subtotal Air Cooled Chiller Schedule</b>																											

**Subtotal Forest Oak Elementary School**

NOT FOR BIDDING

Unit Ventilator Schedule

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	ESP (in-w.g.)	Cooling										Heating						HP	Elec	MFG Model	Remarks	Unit Price	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV 1-01	1000	450	0.3	81.0	69	55.3	52.9	27.9	50.9	10.2	42	52	11.3	39.00	99.5	65.7	6.50	120	100	3.66	1/3	277/1	Daikin UAHV9H13	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-02	1330	450	0.3	80.0	67	53.9	51.4	37.6	61.9	12.4	42	52	11.6	45.00	99.4	78.5	7.50	120	99	3.69	3/4	277/1	Daikin UAHV9H15	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-03	1330	450	0.3	80.0	67	53.9	51.4	37.6	61.9	12.4	42	52	11.6	45.00	99.4	78.5	7.50	120	99	3.69	3/4	277/1	Daikin UAHV9H15	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-04	1330	450	0.3	80.0	67	53.9	51.4	37.6	61.9	12.4	42	52	11.6	45.00	99.4	78.5	7.50	120	99	3.69	3/4	277/1	Daikin UAHV9H15	Horizontal Concealed Unit, Dual Temperature Coil, High Static Motor	
UV 1-05	1330	450	0.3	80.0	67	53.9	51.7	37.6	61.9	12.4	42	52	11.6	45.00	99.4	78.5	7.50	120	100	3.69	3/4	277/1	Daikin UAHV9H15	Horizontal Concealed Unit, Dual Temperature Coil, High Static Motor	
UV 1-06	1000	450	0.3	81.0	69	55.3	52.9	27.8	50.9	10.2	42	52	11.3	39.00	99.5	65.7	6.50	120	100	3.66	1/3	277/1	Daikin UAHV9H13	Horizontal Concealed Unit, Dual Temperature Coil, High Static Motor	
UV 1-07	1000	450	0.3	81.0	69	55.3	52.9	27.8	50.9	10.2	42	52	11.3	39.00	99.5	65.7	6.50	120	100	3.66	1/3	277/1	Daikin UAHV9H13	Horizontal Concealed Unit, Dual Temperature Coil, High Static Motor	
UV 1-08	1600	450	0.3	79.0	66	56.9	53.0	38.4	62.3	12.5	42	52	12.9	49.00	97.0	83.3	8.00	120	100	4.2	3/4	277/1	Daikin UAHV9H20	Horizontal Concealed Unit, Dual Temperature Coil, High Static Motor	
UV 1-09	1330	450	0.3	80.0	67	53.9	51.7	37.6	61.9	12.4	42	52	11.6	45.00	99.4	78.5	7.50	120	100	3.69	3/4	277/1	Daikin UAHV9H15	Horizontal Concealed Unit, Dual Temperature Coil, High Static Motor	
UV 1-10	1330	450	0.3	80.0	67	53.9	51.7	37.6	61.9	12.4	42	52	11.6	45.00	99.4	78.5	7.50	120	100	3.69	3/4	277/1	Daikin UAHV9H15	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-11	1600	450	0.3	79.0	66	56.9	53.0	38.4	62.3	12.5	42	52	12.9	49.00	97.0	83.3	8.00	120	100	4.2	3/4	277/1	Daikin UAHV9H20	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-12	1000	450	0.3	81.0	69	55.3	52.9	27.8	50.9	10.2	42	52	11.3	39.00	99.5	65.7	6.50	120	100	3.66	1/3	277/1	Daikin UAHV9H13	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-13	1330	340	0.3	80.0	67	53.9	51.7	37.6	61.9	12.4	42	52	11.6	45.00	100.3	79.8	8.00	120	100	4.2	3/4	277/1	Daikin UAHV9H15	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-14	1330	340	0.3	80.0	67	53.9	51.7	37.6	61.9	12.4	42	52	11.6	45.00	100.3	79.8	8.00	120	100	4.2	3/4	277/1	Daikin UAHV9H15	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-15	800	225	0.3	79.0	66	54.6	51.6	21.2	34.6	6.9	42	52	7.3	49.00	99.6	43.9	4.00	120	98	1.92	1/3	277/1	Daikin UAHV9H10	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-16	800	225	0.3	79.0	66	54.6	51.6	21.2	34.6	6.9	42	52	7.3	49.00	99.6	43.9	4.00	120	98	1.92	1/3	277/1	Daikin UAHV9H10	Horizontal Exposed Unit, Dual Temperature Coil	
UV 1-17	800	225	0.3	79.0	66	54.6	51.6	21.2	34.6	6.9	42	52	7.3	49.00	99.6	43.9	4.00	120	98	1.92	1/3	277/1	Daikin UAHV9H10	Horizontal Exposed Unit, Dual Temperature Coil	
UV 2-01	1000	450	0.3	81.0	69	55.3	52.9	27.8	50.9	10.2	42	52	11.3	39.00	99.5	65.7	6.50	120	100	3.66	1/3	277/1	Daikin UAHV9H13	Horizontal Exposed Unit, Dual Temperature Coil	
UV 2-02	1600	450	0.3	79.0	66	56.9	53.0	38.4	62.3	12.5	42	52	12.9	49.00	97.0	83.3	8.00	120	100	4.2	3/4	277/1	Daikin UAHV9H20	Horizontal Exposed Unit, Dual Temperature Coil	
UV 2-03	1330	340	0.3	80.0	67	53.9	51.7	37.6	61.9	12.4	42	52	11.6	45.00	100.3	79.8	8.00	120	100	4.2	3/4	277/1	Daikin UAHV9H15	Horizontal Exposed Unit, Dual Temperature Coil	
UV 2-04	1330	340	0.3	80.0	67	53.9	51.7	37.6	61.9	12.4	42	52	11.6	45.00	100.3	79.8	8.00	120	100	4.2	3/4	277/1	Daikin UAHV9H15	Horizontal Concealed Unit, Dual Temperature Coil, High Static Motor	



**Boiler Schedule**

Tag	Area											Elec	MFG Model	Remarks	Unit Price										
		INPUT MBH	OUTPUT MBH	HW FLOW (GPM)	EWT	LWT	WPD (ft. H2O)																		
B-1	Boiler Room					3,499	3,328	333	120	140	9.4											460/3/60	RBI FLEXICORE 3500		
B-2	Boiler Room					3,499	3,328	333	120	140	9.4											460/3/60	RBI FLEXICORE 3500		
<b>Subtotal Boiler Schedule</b>																									

**Air Cooled Chiller Schedule**

Tag	Cooling										Elec	MFG Model	Remarks	Unit Price											
	EWT	LWT	Nom GPM	WPD ft H2O	E.E.R.	EAT	CAP (Tons)	KW System	CKT (MCA)																
CH-1																						460/3/60	Daikin AWV016B		
<b>Subtotal Air Cooled Chiller Schedule</b>																									

NOTES: Provide with single point power connection, variable speed compressors, variable speed condensor fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blankets

**Total Heritage Elementary School**



**Unit Ventilator Schedule**

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling											Heating						HP	Elec	MFG/ Model	Remarks	Unit Price
			EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)					
UV-1	979	225	81.4	66.6	57.1	53.9	25.8	37.5	6.5	42.0	53.6	3.6	60.0	109.1	52.1	6.5	120.0	104.0	3.6	1/4	208/60/1	Daikin UAVV9S10		
UV-2	979	225	81.4	66.6	57.1	53.9	25.8	37.5	6.5	42.0	53.6	3.6	60.0	109.1	52.1	6.5	120.0	104.0	3.6	1/4	208/60/1	Daikin UAVV9S10		
UV-3	1444	450	82.3	67.5	56.2	53.1	40.9	63.3	10.5	42.0	54.1	10.1	60.0	109.2	77.1	10.5	120.0	105.3	10.1	1/4	208/60/1	Daikin UAVV9S15		
UV-4	979	450	83.7	68.8	57.5	54.7	27.8	43.3	7.8	42.0	53.2	5.1	60.0	109.5	52.5	7.8	120.0	106.4	5.1	1/4	208/60/1	Daikin UAVV9S10		
UV-5	1212	900	90.0	74.3	58.3	56.6	41.6	73.6	10.8	42.0	55.7	10.2	45.0	106.5	80.9	10.8	120.0	104.9	10.2	1/4	208/60/1	Daikin UAVV9S13		
UV-6	1212	900	90.0	74.3	58.3	56.6	41.6	73.6	10.8	42.0	55.7	10.2	45.0	106.5	80.9	10.8	120.0	104.9	10.2	1/4	208/60/1	Daikin UAVV9S13		
UV-7	1212	900	90.0	74.3	58.3	56.6	41.6	73.6	10.8	42.0	55.7	10.2	45.0	106.5	80.9	10.8	120.0	104.9	10.2	1/4	208/60/1	Daikin UAVV9S13		
UV-9	1212	450	83.4	68.4	56.2	53.9	35.7	54.6	9.0	42.0	54.1	7.1	60.0	109.0	64.4	9.0	120.0	105.7	7.1	1/4	208/60/1	Daikin UAVV9S13		
UV-10	1212	450	83.9	69.3	56.5	54.3	36.0	57.1	9.0	42.0	54.7	7.1	60.0	109.0	64.4	9.0	120.0	105.7	7.1	1/4	208/60/1	Daikin UAVV9S13		
UV-11	1212	450	83.2	68.4	56.2	53.9	35.5	54.6	9.0	42.0	54.1	7.1	60.0	109.0	64.4	9.0	120.0	105.7	7.1	1/4	208/60/1	Daikin UAVV9S13		
UV-12	1212	450	83.9	69.3	56.8	54.6	35.5	56.2	8.0	42.0	56.1	5.6	60.0	108.8	64.2	8.0	120.0	103.9	5.6	1/4	208/60/1	Daikin UAVV9S13		
UV-13	1212	450	83.7	68.7	56.4	54.0	35.9	55.4	9.0	42.0	54.3	7.1	60.0	109.0	64.4	9.0	120.0	105.7	7.1	1/4	208/60/1	Daikin UAVV9S13		
UV-14	979	225	83.9	69.1	58.0	55.2	27.4	43.1	7.0	42.0	54.3	4.1	45.0	106.6	65.9	7.0	120.0	101.3	4.1	1/4	208/60/1	Daikin UAVV9S10		
UV-15	1212	450	84.0	68.9	56.5	54.1	36.1	55.9	9.0	42.0	54.4	7.1	60.0	109.0	64.4	9.0	120.0	105.7	7.1	1/4	208/60/1	Daikin UAVV9S13		
UV-16	1444	300	80.9	66.4	56.0	52.8	39.1	58.9	9.0	42.0	55.1	7.4	60.0	108.8	76.4	9.0	120.0	103.0	7.4	1/4	208/60/1	Daikin UAVV9S15		
UV-17	979	450	84.6	69.9	58.9	56.0	27.3	43.7	6.0	42.0	56.6	3.0	60.0	108.9	51.9	6.0	120.0	102.7	3.0	1/4	208/60/1	Daikin UAVV9S10		
UV-18	753	200	85.3	69.9	66.7	60.8	15.2	23.6	6.0	42.0	49.9	11.0	50.0	95.3	36.9	6.0	120.0	107.7	11.0	1/4	208/60/1	Daikin UAVV9S07		
UV-19	1253	450	84.4	68.9	58.7	56.0	34.9	51.1	9.0	42.0	53.4	6.4	60.0	103.9	59.7	9.0	120.0	106.7	6.4	1/4	208/60/1	Daikin UAVV9S13		
UV-20	1253	450	84.6	69.4	58.9	56.4	34.9	52.3	9.0	42.0	53.6	6.4	60.0	103.9	59.7	9.0	120.0	106.7	6.4	1/4	208/60/1	Daikin UAVV9S13		
UV-21	1253	450	84.4	69.8	59.1	56.6	34.4	53.2	9.0	42.0	53.8	6.4	60.0	103.9	59.7	9.0	120.0	106.7	6.4	1/4	208/60/1	Daikin UAVV9S13		
UV-22	1253	450	84.6	69.4	58.9	56.4	34.9	52.3	9.0	42.0	53.6	6.4	60.0	103.9	59.7	9.0	120.0	106.7	6.4	1/4	208/60/1	Daikin UAVV9S13		
UV-23	979	225	84.6	69.9	58.9	56.0	27.3	43.7	6.0	42.0	56.6	3.0	50.0	107.1	60.6	6.0	120.0	99.8	3.0	1/4	208/60/1	Daikin UAVV9S10		
UV-24	1253	450	85.0	69.7	59.1	56.5	35.2	53.1	9.0	42.0	53.8	6.4	60.0	103.9	59.7	9.0	120.0	106.7	6.4	1/4	208/60/1	Daikin UAVV9S13		
UV-25	1253	450	85.3	70.3	59.4	57.3	35.2	54.5	9.0	42.0	54.1	6.4	60.0	103.9	59.7	9.0	120.0	106.7	6.4	1/4	208/60/1	Daikin UAVV9S13		
UV-26	1253	450	85.0	69.8	59.1	56.6	35.1	53.3	9.0	42.0	53.9	6.4	60.0	103.9	59.7	9.0	120.0	106.7	6.4	1/4	208/60/1	Daikin UAVV9S13		

NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, custom wall sleeve, manufacturer's louver, serpentine freestats and pipe tunnel.

**Subtotal Unit Ventilator Schedule**

Fan Coil Unit Schedule

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						HP	Elec	MFG/ Model	Remarks	Unit Price	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
FC-1	868	80	0.25	80.3	66.2	51.8	50.6	17.4	25.8	4.0	42.0	54.9	3.0	57.8	112.1	36107.0	2.8	120.0	93.6	1.1	1/12	115/60/1	Daikin FCHH210	Horizontal Concealed, supply and return duct collars, dual temp coil, Freezestat	
FC-2	167	20	0.00	84.0	69.2	65.2	62.4	3.6	4.1	0.5	42.0	57.4	0.1	54.4	82.6	5167.0	0.5	120.0	99.3	0.1	1/20	115/60/1	Daikin FCVC102	Vertical exposed, MOD O/A, dual temp coil, Freezestat	
FC-3	402	80	0.25	80.5	66.2	58.1	56.3	3.4	3.8	2.8	42.0	51.0	2.0	57.8	100.5	19220.0	2.8	120.0	106.0	1.7	1/12	115/60/1	Daikin FCHH206	supply and return duct collars, dual temp coil, Freezestat	
FC-4	291	180	0.25	89.2	73.9	64.8	63.7	9.8	12.4	1.5	42.0	56.5	0.7	47.0	96.5	16543.0	1.5	120.0	97.9	0.5	1/20	115/60/1	Daikin FCHH203	supply and return duct collars, dual temp coil, Freezestat	
FC-5	249	35	0.00	80.7	65.9	54.9	53.6	7.8	10.9	1.5	42.0	52.2	1.0	55.9	108.6	11849.0	1.5	120.0	104.2	0.7	1/20	115/60/1	Daikin FCVC103	Vertical exposed, MOD O/A, dual temp coil, Freezestat	
FC-6	686	115	0.30	78.0	64.9	55.2	54.2	5.8	7.7	2.0	42.0	54.7	1.8	59.5	109.1	22418.0	2.0	120.0	97.6	1.3	1/12	115/60/1	Daikin FCHH208	Horizontal Concealed, supply and return duct collars, dual temp coil, Freezestat	
FC-7	686	115	0.30	78.0	64.9	55.2	54.2	9.8	12.7	2.0	42.0	54.7	1.8	59.5	109.1	22418.0	2.0	120.0	97.6	1.3	1/12	115/60/1	Daikin FCHH208	Horizontal Concealed, supply and return duct collars, dual temp coil, Freezestat	
FC-8	283	20	0.00	78.0	64.9	56.6	55.3	9.8	12.7	1.5	42.0	53.0	1.0	70.0	107.5	11608.0	1.5	120.0	104.5	0.7	1/20	115/60/1	Daikin FCVC103	supply and return duct collars, dual temp coil, Freezestat	
FC-9	167	20	0.00	81.8	67.1	62.1	59.6	6.6	8.2	0.8	42.0	52.8	0.1	54.4	87.9	6131.0	0.8	120.0	103.7	0.1	1/20	115/60/1	Daikin FCVC102	Vertical exposed, MOD O/A, dual temp coil, Freezestat	
FC-10	167	20	0.00	81.8	67.1	62.1	59.6	3.6	4.1	0.8	42.0	52.8	0.1	54.4	87.9	6131.0	0.8	120.0	103.7	0.1	1/20	115/60/1	Daikin FCVC102	Vertical exposed, MOD O/A, dual temp coil, Freezestat	
Notes: Provide with dual temperature coil, closed cell foam insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, ECM fans, MERV-13 filters & serpentine freezestat. Provide floor mounted units with premium coating, 3.5" subbase, 16GA cabinet and leveling legs. Provide horizontal units with duct collars.																									
<b>Subtotal Fan Coil Unit Schedule</b>																									

**Total Johnson Elementary School**

**Packaged Heat Pump Unit Ventilator Schedule**

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling											Heating							MCA (A)	Elec	MFG Model	Remarks	Unit Price	
			EDB (Deg F)	EWB (Deg F)	LDB (Deg F)	LWB (Deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	E.E.R.	HP EAT (Deg F)	HP LAT (Deg F)	HP Capacity (MBH)	HP COP	Elec EAT (Deg F)	Elec LAT (Deg F)	Elec KW										
UV-1	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-2	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-3	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-4	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-5	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-6	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-7	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-8	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-9	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-10	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-11	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-12	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-13	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-14	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-15	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-16	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-17	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-18	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-19	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		
UV-20	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3						54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044		

Packaged Heat Pump Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling										Heating						MCA (A)	Elec	MFG Model	Remarks	Unit Price				
			EDB (Deg F)	EWB (Deg F)	LDB (Deg F)	LWB (Deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	E.E.R.	HP EAT	HP LAT	HP MBH	HP COP	Elec EAT	Elec LAT	Elec KW											
UV-21	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3					54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044				
UV-22	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3					54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044				
UV-23	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3					54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044				
UV-24	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3					54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044				
UV-25	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3					54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044				
UV-26	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3					54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044				
UV-27	1,500	450	79	66.00	60.80	56.3	29.6	44.5	10.3					54.00	81.70	45.1	3.6	54	100.1	22	52.7	460/60/3	Daikin UAEQ-044				
NOTES: Provide with air source heat pump, modulating electric heat, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, wall sleeve, and louver.																											
<b>Subtotal Packaged Heat Pump Unit Ventilator Schedule</b>																											
<b>Total Lewis Elementary School</b>																											



**Hydronic Blower Coil Unit Schedule**

Tag	CFM	Min O/A (CFM)	Total SP (in H2O)	Ext. SP (in H2O)	Cooling Coil										Heating						HP	Elec	MFG Model	Remarks	Unit Price	
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
BC-6	1015	345	2.16	0.80	87	69	55.9	55.1	34.5	44.8	7.5	42	54	6.7	30	103.4	81.5	8.2	120	100	5.7	3/4	277/1	Daikin BCHD0101		
BC-13	860	450	2.41	1.20	87.8	71.3	55.5	55.1	30.4	45.6	7.6	42	54	6.9	34.9	106.4	67.2	6.8	120	100	4	3/4	277/1	Daikin BCHD0101		
BC-14	770	450	2.23	0.65	86.9	70.9	53.8	53.6	27.9	42.8	7.1	42	54	7.5	47.3	110.4	53.1	5.4	120	100	3.2	3/4	277/1	Daikin BCHD0081		
BC-15	770	450	2.23	0.65	87.8	71.3	53.7	53.5	28.7	44.1	7.4	42	54	8.1	34.9	110.2	63.4	6.4	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-16	770	450	2.23	0.65	87.8	71.3	53.7	53.5	28.7	44.1	7.4	42	54	8.1	34.9	110.2	63.4	6.4	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-17	770	450	1.99	0.65	87.8	71.3	53	52.4	33.1	52.4	8.7	42	54	8.9	34.9	111.4	72.8	7.4	120	100	4.7	3/4	277/1	Daikin BCHD0101		
BC-18	770	450	2.23	0.65	87.8	71.3	53.7	53.5	28.7	44.1	7.4	42	54	8.1	34.9	110.2	63.4	6.4	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-19	785	450	2.26	0.65	87.8	71.3	53.8	53.6	29.2	44.7	7.5	42	54	8.3	35.5	110	63.9	6.5	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-20	785	450	2.21	0.60	87.8	71.4	53.9	53.7	29.1	45	7.6	42	54	8.4	35.5	110	63.9	6.5	120	100	4.4	3/4	277/1	Daikin BCHD0081		

NOT FOR BIDDING

Hydronic Blower Coil Unit Schedule continued...

Tag	CFM	Min O/A (CFM)	Total SP (in H2O)	Ext. SP (in H2O)	Cooling Coil										Heating						Fan HP	Elec	MFG Model	Remarks	Unit Price	
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
BC-21	870	450	1.94	0.60	87.8	71.3	53	52.4	33.1	52.4	8.7	42	54	8.9	34.9	111.4	72.8	7.4	120	100	4.7	3/4	277/1	Daikin BCHD0101		
BC-22	770	450	2.23	0.65	87.8	71.3	53.7	53.5	28.7	44.1	7.4	42	54	8.1	34.9	110.2	63.4	6.4	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-23	770	450	2.23	0.65	87.8	71.3	53.7	53.5	28.7	44.1	7.4	42	54	8.1	34.9	110.2	63.4	6.4	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-24	770	450	1.99	0.65	87.8	71.3	53	52.4	33.1	52.4	8.7	42	54	8.9	34.9	111.4	72.8	7.4	120	100	4.7	3/4	277/1	Daikin BCHD0101		
BC-25	770	450	2.18	0.60	87.8	71.3	53.7	53.5	28.7	44.1	7.4	42	54	8.1	34.9	110	63.4	6.4	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-26	870	450	1.94	0.60	87.8	71.3	53	52.4	33.1	52.4	8.7	42	54	8.9	34.9	111.4	72.8	7.4	120	100	4.7	3/4	277/1	Daikin BCHD0101		
BC-27	830	450	1.94	0.65	86.9	70.6	52.6	52.1	31.1	48.5	8.1	42	54	7.7	37	112	68	6.9	120	100	4.1	3/4	277/1	Daikin BCHD0101		
BC-28	770	450	2.18	0.60	87.8	71.3	53.7	53.5	28.7	44.1	7.4	42	54	8.1	34.9	110	63.4	6.4	120	100	4.4	3/4	277/1	Daikin BCHD0081		
BC-29	845	450	1.91	0.60	87.8	71.3	52.8	52.2	32.3	51.3	8.5	42	52	8.5	37.5	111.8	68.6	6.9	120	100	4.2	3/4	277/1	Daikin BCHD0101		
BC-30	870	450	1.94	0.60	87.8	71.3	53	52.4	33.1	52.4	8.7	42	54	8.9	34.9	111.4	72.8	7.4	120	100	4.7	3/4	277/1	Daikin BCHD0101		
BC-31	790	450	1.84	0.60	87.8	71.3	52.5	52	30.5	48.5	8	42	54	7.61	34.9	112.5	67	6.8	120	100	4	3/4	277/1	Daikin BCHD0101		
BC-32	870	450	1.94	0.60	87.8	71.3	53	52.4	33.1	52.4	8.7	42	54	8.9	34.9	111.4	72.8	7.4	120	100	4.7	3/4	277/1	Daikin BCHD0101		
BC-33	1165	450	2.42	0.7	83	69.1	54.4	53.8	36.4	56.1	9.3	42	54	10	44.8	107.9	80.4	8.1	120	100	5.6	3/4	277/1	Daikin BCHD0101		
BC-34	570	360	2.16	0.65	88	71.7	55.4	54.8	20.3	31.6	5.3	42	54	8.78	32.4	107.2	46.6	4.7	120	100	10.1	1/2	277/1	Daikin BCHD0061		
BC-35	1000	450	2.15	0.65	83	69.1	53.5	53	32.2	50.3	8.4	42	54	8.3	44.8	109.9	71.2	7.2	120	100	4.5	1	277/1	Daikin BCHD0101		
BC-36	770	450	2.18	0.6	86.9	70.8	53.7	53.5	28	42.8	7.2	42	54	7.7	35.6	110.2	62.8	6.4	120	100	4.3	3/4	277/1	Daikin BCHD0081		
BC-37	790	450	2.22	0.6	86.9	70.8	53.9	53.7	28.5	43.4	7.2	42	54	7.7	35.6	109.9	64.2	6.5	120	100	4.5	3/4	277/1	Daikin BCHD0081		

NOTES: Provide with dual temperature coil, 1" insulation, mixing box, stainless steel drain pan, galvanized steel secondary drain pan, condensate overflow switch, disconnect switch, modulating ECM fans, MERV-13 filters, 16GA cabinet, and serpentine freezestat

Subtotal Hydronic Blower Coil Units

**Hydronic Air Handling Unit Schedule**

Tag	CFM	Min O/A (CFM)	Total SP (in H2O)	Ext. SP (in H2O)	Cooling Coil									Heating						Fan HP	Elec	MFG Model	Remarks	Unit Price		
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)						LWT (Deg. F)	WPD (ft. H2O)
AHU-1	4000	4000	2.25	0.5	89	74	53.6	53.2	154.9	277.2	45.7	42	54	18.5	14	104.2	394.5	37.6	120	99	10.9	4	480/3	Daikin CAH010GDCM		
AHU-2	2250	1643	2.29	0.5	85	71	53.3	53.1	88.9	145.1	23.8	42	54	5.3	26.6	107.1	198.1	18.1	120	98	2.7	4	480/3	Daikin CAH006GDCM		
AHU-3	2250	1643	2.29	0.5	85	71	53.3	53.1	88.9	145.1	23.8	42	54	5.3	26.6	107.1	198.1	18.1	120	98	2.7	4	480/3	Daikin CAH006GDCM		

NOTES: Provide with mixing box, dual temperature coil, ECM fan array, access section, plenum section, double wall construction with R-13 injected foam insulation, ultra low leak dampers & serpentine freezeestat

**Subtotal Hydronic Air Handling Unit Schedule**

**Air Cooled Chiller Schedule**

Tag	CFM	Min O/A (CFM)	Total SP (in H2O)	Ext. SP (in H2O)	Cooling Coil							EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	Elec	MFG Model	Remarks	Unit Price		
					EWT	LWT	Nom GPM	WPD ft H2O	E.E.R.	OAT	CAP (Tons)								KW System	CKT (MCA)
CH-1					54	42	495	10.2	9.6	95	247	308	496				460/3	Daikin AWW016B		

NOTES: Provide with single point power connection, variable speed compressors, variable speed condenser fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blankets

**Subtotal Air Cooled Chiller Schedule**

**Boiler Schedule**

Tag	LOCATION	INPUT MBH	OUTPUT MBH	HW FLOW GPM	EWT	LWT	WPD (ft. H2O)	Elec	MFG Model	Remarks	Unit Price
B-1	Boiler Room	3,499	3,328	333	120	140	9.4		RBI FLEXICORE 3500		
B-2	Boiler Room	3,499	3,328	333	120	140	9.4		RBI FLEXICORE 3500		

**Subtotal Boiler Schedule**

**Packaged Rooftop Unit Schedule**

DX Cooling / Gas Fired Heating																				
Tag	CFM	Min O/A (CFM)	Ext. SP (in H2O)	Cooling Coil								Gas Heating Section				MCA	Elec	MFG Model	Remarks	Unit Price
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens MBH	Total MBH	EER	EAT (deg F)	LAT (deg F)	Gas Input	Heating Output						
RTU-1	12,000	2,840	1.30	80	67	53.1	53.1	311.5	449	10.50	47	103	800	648	211	208/3	Daikin DPSA040			
NOTES: Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, modulating hot gas reheat, DX cooling, modulating inverter type compressors, modulating gas furnace w/ 10:1 turndown, suction & discharge refrigerant isolation valves, single point power connection, direct drive airfoil supply and return fan, copper tube/aluminum fin dx coil, aluminum microchannel hot gas reheat coil, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, outdoor and return air relative humidity sensor, outdoor and return air enthalpy sensor, and 4" filter rack on both supply & exhaust airstreams. Provide 65 kA SCCR																				
<b>Subtotal Packaged Rooftop Unit Schedule</b>																				

**Hydronic Air Handling Unit Schedule**

Tag	CFM	Min O/A (CFM)	Ext. SP (in H2O)	Cooling Coil										Fan HP	Elec	MFG/ Model	Remarks	Unit Price	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens MBH	Total MBH	EWT (deg F)	LWT (deg F)	Flow (GPM)	WPD (ft H2O)						
AHU-1	3,255	1,350	1.00	82	68	53.6	53.2	101.2	149	42	52	29.9	11.9	3	208/3	Daikin BCHD0401			
AHU-2	4,170	1,045	1.00	80	67	53.9	53.6	118.9	171	42	52	34.2	5.77	5	208/3	Daikin BCHD0501			
AHU-3	3,255	1,350	1.00	82	68	53.6	53.2	101.2	149	42	52	29.9	11.9	3	208/3	Daikin BCHD0401			
AHU-4	3,255	1,350	1.00	82	68	53.6	53.2	101.2	149	42	52	29.9	11.9	3	208/3	Daikin BCHD0401			
AHU-5	3,255	1,350	1.00	82	68	53.6	53.2	101.2	149	42	52	29.9	11.9	3	208/3	Daikin BCHD0401			
AHU-6	4,375	1,800	1.00	82	68	54.4	54.1	131.9	190	42	52	37.9	6.91	5	208/3	Daikin BCHD0501			
AHU-7	4,170	1,045	1.00	80	67	53.9	53.6	118.9	171	42	52	34.2	5.77	5	208/3	Daikin BCHD0501			
AHU-8	2,685	900	1.00	82	68	54.6	54.2	80.5	115	42	52	23.1	9.11	3	208/3	Daikin BCHD0301			
AHU-9	4,720	1,180	1.00	80	67	54.7	54.3	130.8	186	42	52	37.1	6.64	5	208/3	Daikin BCHD0501			
AHU-10	3,455	1,350	1.00	82	68	54	53.5	105.9	155	42	52	31.1	12.7	3	208/3	Daikin BCHD0401			
AHU-11	3,455	1,350	1.00	82	68	54	53.5	105.9	155	42	52	31.1	12.7	3	208/3	Daikin BCHD0401			
AHU-12	3,455	1,350	1.00	82	68	54	53.5	105.9	155	42	52	31.1	12.7	3	208/3	Daikin BCHD0401			
AHU-13	3,455	1,350	1.00	82	68	54	53.5	105.9	155	42	52	31.1	12.7	3	208/3	Daikin BCHD0401			
AHU-14	3,875	1,000	1.00	80	67	54.4	53.9	108.5	157	42	52	31.3	12.8	5	208/3	Daikin BCHD0401			
AHU-15	3,070	1,100	1.00	82	68	53.2	52.9	96.7	143	42	52	28.7	11	3	208/3	Daikin BCHD0401			
NOTES: Provide AHUs with mixing box, dual temperature coil, ECM fan, access section, double wall construction with R-6 injected foam insulation, condensate overflow switch, & serpentine freeze-stat																			
<b>Subtotal Hydronic Air Handling Units</b>																			

**Water Cooled Chiller Schedule**

Tag	Evaporator				Condenser				NPLV	EAT	CAP (Tons)	MCA	Elec	MFG/ Model	Remarks	Unit Price
	EWT (Deg F)	LWT (Deg F)	Nom GPM	WPD ft H2O	EWT (Deg F)	LWT (Deg F)	Nom GPM	WPD ft H2O								
CH-1	52	42	435	12.3	85	95	543	8.8	0.3849	89	181	203	460/3	Daikin WMC060SDSNA		

NOTES: Provide with VFD / inlet guide vane capacity control, single point power connection, and 3/4" insulation. Provide field-installed 208V/3PH to 460V/3PH step up transformer. Existing circuit to chiller is 208V/3PH; chiller requires 460V/3PH.

**Subtotal Water Cooled Chillers**

**Total Marbrook Elementary School**

NOT FOR BIDDING

Unit Ventilator Schedule

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	ESP (in-w.g.)	Cooling											Heating						HP	Elec	MFG Model	Remarks	Unit Price (Numerals)
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)					
UV-1	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-2	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-3	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-4	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-5	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-6	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-7	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-8	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-9	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-10	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-11	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-12	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-13	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-14	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-15	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-16	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-17	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-18	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-19	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-20	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-21	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-22	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-23	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-24	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-25	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-26	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-27	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-28	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-29	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	

Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	ESP (in-w.g.)	Cooling										Heating						HP	Elec	MFG Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV-30	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-31	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-32	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-33	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-34	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-35	1,250	420	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Pods C1 thru C6	
UV-B1-1	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B1 Pod	
UV-B1-2	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	B1 Pod	
UV-B1-3	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B1 Pod	
UV-B1-4	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B1 Pod	
UV-B1-5	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B1 Pod	
UV-B2-1	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B2 Pod	
UV-B2-2	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B2 Pod	
UV-B2-3	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	B2 Pod	
UV-B2-4	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B2 Pod	
UV-B2-5	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B2 Pod	
UV-B2-6	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	B2 Pod	
UV-B3-1	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	B3 Pod	
UV-B3-2	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B3 Pod	
UV-B3-3	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B3 Pod	
UV-B3-4	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B3 Pod	
UV-B3-5	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B3 Pod	
UV-B4-1	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B4 Pod	
UV-B4-2	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	B4 Pod	
UV-B4-3	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B4 Pod	
UV-B4-4	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B4 Pod	
UV-B4-5	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B4 Pod	
UV-B4-6	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	B4 Pod	

Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	ESP (in-w.g.)	Cooling										Heating						HP	Elec	MFG Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV-D1-1	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Library area	
UV-D1-2	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	Library area	
UV-D1-3	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Library area	
UV-D1-4	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	Library area	
UV-D1-5	1,000	375	0.25	80	67.00	55.90	53.4	26.20	41.30	8.26	42	52	5.9	49.40	107.20	62.70	7	120.0	102	4.1	1/2	277/1	Daikin UAHV9H10	Library area	
UV-D1-6	1,250	405	0.25	80	67.00	54.70	52.8	34.30	53.90	10.8	42	52	10.1	53.00	106.80	72.90	7	120.0	99	4.3	1/2	277/1	Daikin UAHV9H13	Library area	
UV-E31	1,250	650	0	82	69.00	56.50	54.8	35.00	56.20	8.7	42	55	6.1	41.40	86.70	105.30	8.7	120.0	100	6.7	1/3	208/1	Daikin UAHV9H13	Team Room	
UV-E32	750	315	0	81	68.00	54.00	53.1	21.90	34.20	5.3	42	55	5.41	46.90	48.50	106.50	5.3	120.0	101.6	5.6	1/3	208/1	Daikin UAHV9H07	Weight Room	

NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, duct collars, and serpentine freezestat.

Subtotal Unit Ventilator Schedule

Hydronic Air Handling Unit Schedule

Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling										Heating						HP	Elec	MFG Model	Remarks	Unit Price (Numerals)	
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
AHU-1	3,000	950	1.75	0.20	80	67	51.6	51.1	93.2	143	28.3	42	52	9.3	53	103.3	165.1	12.1	120	93	1.7	3	460/60/3	Daikin CAH008GDCC		
AHU-2	3,000	950	1.75	0.20	80	67	51.6	51.1	93.2	143	28.3	42	52	9.3	53	103.3	165.1	12.1	120	93	1.7	3	460/60/3	Daikin CAH008GDCC		
AHU-3	6900	6900	2.54	1.00	-	-	-	-	-	-	-	-	-	-	14	91	581	57.3	120	100	8	7.5	460/3/60	Daikin CAH016GHCM		

NOTES: Provide with mixing box, dual temperature coil, ECM fan array, access section, double wall construction with R-13 injected foam insulation, ultra low leak dampers & serpentine freezestat

Subtotal Hydronic Air Handling Unit Schedule

Air Cooled Chiller Schedule

Tag	Cooling Coil										Elec	MFG Model	Remarks	Unit Price (Numerals)
	EWT	LWT	Nom GPM	WPD ft H2O	E.E.R.	OAT	CAP (Tons)	KW System	CKT (MCA)					
CH-1	52	42	837	13.4	9.99	95	350	420	679		460/3	Daikin AWV024B		

NOTES: Provide with single point power connection, variable speed compressors, variable speed condenser fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blankets

Subtotal Air Cooled Chiller Schedule

Pool Dehumidification Unit Schedule

Tag	Space Conditions					Reheat Capacity (MBH)	Evaporator Capacity (TMBH)	Supply Fan					Return Fan					Aux. Space Heater Coil		Elec.	MFG Model	Remarks	Unit Price (Numerals)
	Air Temp	Air RH	Water Temp	OA CFM	Dehum Load			CFM	ESP (FT. W.C.)	Volts	HP	FLA	CFM	ESP (FT. W.C.)	Volts	HP	FLA	Input (MBH)	Flow (GPM)				
HRU-1	82	60	80.00	3978.00	164.00	507	405	15000	1.5	460/3	20	85.4	4367	0.5	460/3	1.2	1.9	522	25	460/60/3	Dectron LD-152-GC-I-A4FT5153W2E5BF-DH		

NOTES: 1. Provide indoor units with minimum 6" base rails and concrete housekeeping pad.

Subtotal Pool Dehumidification Unit Schedule

Total McKean High School

NOT FOR BIDDING

**Air Cooled Chiller Schedule**

Tag	Cooling											Elec	MFG Model	Remarks	Unit Price
	EWT	LWT	Nom GPM	WPD ft H <sub>2</sub> O	E.E.R.	OAT	CAP (Tons)	KW System	CKT (MCA)	Voltage					
CH-1	55	42	171	7.1	11.5	89	93	97.1	445	208/3		208/3	Daikin AGZ006F		

NOTES: Provide with single point power connection, variable speed compressors, variable speed condenser fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blankets

**Subtotal Air Cooled Chiller Schedule**

**Cabinet Unit Heater Schedule**

Tag	CFM	CFM OA	Heating											MCA	HP	MFG Model	Remarks	Unit Price
			EAT	LAT	MBH	GPM	EWT	LWT	WPD									
CUH-1	370	0	70	104	13.9	1.4	120	100	0.6						1/4	Daikin FHHR203		
CUH-2	370	0	70	104	13.9	1.4	120	100	0.6						1/4	Daikin FHHR203		

NOTES:

**Subtotal Cabinet Unit Heater Schedule**

**Total Meadowood**

NOT FOR BIDDING

**Unit Ventilator Schedule**

Tag	Nom. Airflow (CFM)	Min O/A (CFM)			Cooling									Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)		
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)						LWT (Deg. F)	WPD (ft. H2O)
UV-1-01	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-02	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-03	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-04	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-05	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-06	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-07	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-08	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-09	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-10	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-11	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-12	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-13	1,250	375			80	67.00	56.30	54	31.2	48.1	8	43	55	5.8	53.40	107.00	70.50	7.00	120	100	4.3	1/3	208/1	Daikin UAVV9H13		
UV-1-14	1,250	375			80	67.00	56.30	54	31.2	48.1	8	43	55	5.8	53.40	107.00	70.50	7.00	120	100	4.3	1/3	208/1	Daikin UAVV9H13		
UV-1-15	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-16	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-17	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-18	1,500	400			80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		

Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Area	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV-1-19	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-20	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-21	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-22	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-25	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-26	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-27	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-28	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-29	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-1-30	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-2-03	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-2-04	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-2-05	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-2-06	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-2-09	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-2-10	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		
UV-2-11	1,500	400		80	67.00	56.30	53.4	37.2	59.5	9.9	43	55	9.7	53.40	107.20	84.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15		

Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Area	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)			
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)		
UV-1	1,115	400		79.9	68.10	54.50	52	30.7	55.5	9.3	43	55	11	55.00	109.00	65.20	7.00	120	101	4.5	1/3	208/1	Daikin UAVV9H15				
UV-2	1,444	400		77.5	66.60	55.70	53.5	34.2	57.3	9.6	43	55	9	55.00	107.50	82.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15				
UV-3	1,444	400		77.5	66.60	55.70	53.5	34.2	57.3	9.6	43	55	9	55.00	107.50	82.30	8.00	120	99	5.9	1/3	208/1	Daikin UAVV9H15				
UV-4	979	400		79.8	68.10	57.60	55.3	23.5	39	6.5	43	55	3.7	55.00	108.00	56.30	6.00	120	101	3	1/3	208/1	Daikin UAVV9H10				
UV-5	979	400		79.8	68.10	57.60	55.3	23.5	39	6.5	43	55	3.7	55.00	108.00	56.30	6.00	120	101	3	1/3	208/1	Daikin UAVV9H10				
NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, custom wall sleeve, serpentine freezestat and pipe tunnel.																											
<b>Subtotal Unit Ventilators</b>																											

Fan Coil Unit Schedule

Tag	Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
FC-1	208	20		76.5	66.00	54.50	54.2	5	7.5	1.8	43	51	1.2	63.80	103.60	9.10	0.90	120	100	0.24	1/4	115/1	Daikin FCVS102	Floor standalone	
FC-2A	650	165		78.80	67.40	54.90	54.7	17	25.7	4.3	43	55	8.9	54.90	110.50	39.50	4.00	120	100	6.3	1/4	115/1	Daikin FCHC206	Horizontal exposed	
FC-2B	650	165		78.80	67.40	54.90	54.7	17	25.7	4.3	43	55	8.9	54.90	110.50	39.50	4.00	120	100	6.3	1/4	115/1	Daikin FCHC206	Horizontal exposed	
FC-3	300	40		77.60	66.60	53.60	53.4	7.9	12.2	2	43	55	1.8	59.60	110.70	16.8/	1.70	120	100	1	1/4	115/1	Daikin FCHC204	Horizontal exposed	
FC-4	460	20		78.70	67.30	54.50	54.3	12.2	18.5	3.1	43	55	3.9	57.40	107.60	20.20	2.00	120	100	1.4	1/4	115/1	Daikin FCHC204	Horizontal exposed	
FC-7A	340	105		79.60	68.00	53.60	53.4	9.7	15.4	2.6	43	55	2.8	51.00	109.70	21.80	2.20	120	100	1.6	1/4	115/1	Daikin FCHR204	Horizontal concealed	
FC-7B	340	105		79.60	68.00	53.60	53.4	9.7	15.4	2.6	43	55	2.8	51.00	109.70	21.80	2.20	120	100	1.6	1/4	115/1	Daikin FCHR204	Horizontal concealed	
FC-8	340	105		79.60	68.00	53.60	53.4	9.7	15.4	2.6	43	55	2.8	51.00	109.70	21.80	2.20	120	100	1.6	1/4	115/1	Daikin FCHR204	Horizontal concealed	
FC-9	460	205		83.60	70.50	56.30	55.5	13.7	22.5	3.8	43	55	3.1	35.70	103.00	33.90	3.40	120	100	2.8	1/4	115/1	Daikin FCVC106	Floor standalone	
FC-10	480	60		76.80	66.20	56.60	55.7	10.6	15.7	2.6	43	55	1.5	62.50	105.60	22.60	2.30	120	100	1.3	1/4	115/1	Daikin FCVC106	Floor standalone	
FC-11	415	20		75.70	65.50	55.20	55	9.3	13.3	2.2	43	55	2.2	66.70	109.20	19.30	1.90	120	100	1.2	1/4	115/1	Daikin FCVC104	Floor standalone	
FC-12	280	20		76.10	65.70	59.00	57.9	5.2	6.9	1.1	43	55	0.6	65.40	105.10	12.20	1.20	120	100	0.5	1/4	115/1	Daikin FCVC103	Floor standalone	
FC-13	1,000	220	0.25	78.80	67.40	56.50	56.3	24.4	35.3	5.9	43	55	5.2	54.60	109.30	59.80	6.10	120	100	5.5	1/2	115/1	Daikin FCHC210	Horizontal exposed	

Fan Coil Unit Schedule Continued...																										
Tag	Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)		Cooling										Heating						Total HP	Elec	MFG Model	Remarks	Unit Price (Numerals)	
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
FC-15	806	65	0.25		76.40	68.90	54.80	54.6	19.1	36.8	6.1	43	55	9	63.90	107.60	38.60	3.90	120	100	2.8	1/2	115/1	Daikin FCHR212	Horizontal concealed	
FC-16	1,173	90	0.25		76.00	65.60	55.50	55.1	37.7	26.2	6.3	43	55	9.4	65.90	104.40	49.40	5.00	120	100	4.3	1/2	115/1	Daikin FCHR212	Horizontal concealed	
FC-17	1,173	90	0.25		76.00	65.60	55.50	55.1	37.7	26.2	6.3	43	55	9.4	65.90	104.40	49.40	5.00	120	100	4.3	1/2	115/1	Daikin FCHR212	Horizontal concealed	
FC-18	290	20			76.10	65.7	59	57.9	5.4	7.2	1.2	43	55	0.7	65.2	104.8	12.6	1.3	120	100	0.5	1/4	115/1	Daikin FCVS103	Floor standalone	
FC-19	460	205			83.60	70.50	56.30	55.5	13.7	22.5	3.8	43	55	3.1	35.7	103.00	33.90	3.40	120	100	2.8	1	115/1	Daikin FCVS106	Floor standalone	
NOTES: Provide with dual temperature coil, closed cell foam insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, ECM fans, MERV-13 filters & serpentine freezestat. Provide floor mounted units with premium coating, 3.5" subbase, 16GA cabinet and leveling legs. Provide horizontal units with duct collars.																										
<b>Subtotal Fan Coil Unit Schedule</b>																										

Hydronic Air Handling Unit Schedule																										
Tag	CFM	Min O/A (CFM)	Tot. SP (in H2O)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG Model	Remarks	Unit Price (Numerals)	
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
AHU-1	3,600	2,400	2.51	0.70	84.3	71	53.8	53.4	120.2	204	33.9	43	55	14.7	30.5	104.3	290.5	23.4	120	95.2	6.4	4	460/3	Daikin CAH008GDCC		
AHU-2	3,600	2,400	2.51	0.70	84.3	71	53.8	53.4	120.2	204	33.9	43	55	14.7	30.5	104.3	290.5	23.4	120	95.2	6.4	4	460/3	Daikin CAH008GDCC		
NOTES: Provide with mixing box, dual temperature coil, ECM fan array, access section, double wall construction with R-13 injected foam insulation, pipe chase, ultra low leak dampers & serpentine freezestat																										
<b>Subtotal Hydronic Air Handling Unit Schedule</b>																										

**Total Mote Elementary School**

NOT FOR BIDDING

**Hydronic Blower Coil Unit Schedule**

Tag	CFM	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
BC-1	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-2	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-3	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-4	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-5	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-6	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-7	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-8	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-9	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-10	900	450	0.5	81	69	53.1	52.9	27.5	45.4	10.1	42	51	11.62	31	105.5	73.3	7.4	120	100	4.72	1/2	277/1	Daikin BCHD0101		
BC-11	600	240	0.5	82	69	52.9	52.4	19	31	6.9	42	51	14.24	38	106.6	45	4.6	120	100.1	9.54	1/3	277/1	Daikin BCHD0061		
BC-12	600	180	0.5	79	67	54.8	54.4	15	23	5.2	42	51	8.62	46	101.6	36	3.7	120	100	6.59	1/2	277/1	Daikin BCHD0061		

NOT FOR BIDDING

Hydronic Blower Coil Unit Schedule Continued...

Tag	CFM	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
BC-13	600	180	0.5	79	67	54.8	54.4	16	23	5.2	42	51	8.62	46	101.6	36	3.7	120	100	6.59	1/3	277/1	Daikin BCHD0061		
BC-14	350	90	0.38	79	67	52.1	51.9	10	16	3.6	42	51	4.48	33	108.6	29	2.9	120	100	4.36	1/3	277/1	Daikin BCHD0061		
BC-15	350	255	0.5	83	70	52.5	52.3	11	19	4.4	42	50.9	6.44	11	107.9	37	3.8	120	100	6.8	1/3	277/1	Daikin BCHD0061		
BC-16	330	140	0.38	80	68	51.9	51.7	10	16	3.7	42	50.9	4.79	41	109.5	24.7	2.5	120	100	4.79	1/3	277/1	Daikin BCHD0061		
BC-17	330	140	0.38	80	68	51.9	51.7	10	16	3.7	42	50.9	4.79	41	109.5	24.7	2.5	120	100	4.79	1/3	277/1	Daikin BCHD0061		
BC-18	310	125	0.39	84	70	52	51.8	10.8	17.6	3.9	42	51.1	2.8	27	110	28	2.8	120	100	4.14	1/3	277/1	Daikin BCHD0062		
BC-19	310	50	0.32	78	65	51.2	51	9	12	2.8	42	51	2.99	57	110	18	1.8	120	100	1.88	1/3	277/1	Daikin BCHD0063		
BC-20	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-21	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-22	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-23	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-24	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-25	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-26	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		

NOT FOR BIDDING

Hydronic Blower Coil Unit Schedule Continued...

Tag	CFM	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
BC-27	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-28	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-29	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-30	900	450	0.5	81	68	52.8	52.6	27	42	9.5	42	51	10.44	32	105.6	72	7.3	120	100	4.61	3/4	277/1	Daikin BCHD0101		
BC-31	1200	450	0.50	81.00	68	52.2	51.7	37	59	13.3	42	51	18.97	46	107.6	80	8.2	120	100	5.6	1	277/1	Daikin BCHD0101		
BC-32	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-33	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	73	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-34	800	140	0.38	78	65	51.6	51.3	23	32	7.1	42	51	6.26	57	108.3	44	4.5	120	100	1.96	3/4	277/1	Daikin BCHD0101		
BC-35	900	220	0.36	78	65	52.2	51.8	25	34	7.8	42	51	7.27	55	106.9	51	5.2	120	100	2.47	3/4	277/1	Daikin BCHD0101		
BC-36	330	80	0.34	79	66	51.6	51.4	9	14	3.2	42	51	3.69	53	109.6	20	2.1	120	100	2.36	3/4	277/1	Daikin BCDH0061		
BC-37	400	90	0.45	79.00	66	52.4	52.2	11.6	16.5	4	42	51	4.74	54	107.6	23	2.4	120	100	4.74	3/4	277/1	Daikin BCDH0061		
BC-38	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-39	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-40	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-41	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-42	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-43	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-44	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-45	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		
BC-46	900	450	0.5	82	69	53	52.8	28	45	10.1	42	51	11.66	27	105.2	76	7.8	120	100	5.17	3/4	277/1	Daikin BCHD0101		

NOTES: Provide with dual temperature coil, 1" insulation, mixing box, stainless steel drain pan, galvanized steel secondary drain pan, condensate overflow switch, disconnect switch, modulating ECM fans, MERV-13 filters, 16GA cabinet, and serpentine freezestat

Subtotal Hydronic Blower Coil Unit Schedule

**Hydronic or DX Air Handling Unit Schedule**

Tag	CFM	Min O/A (CFM)	Ext. SP (ft. H2O)	Cooling										Heating						Total Fan HP	Elec	MFG/ Model	Remarks	Unit Price	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
AHU-1	5,120	5,120	1.00	89.00	74	48.8	48.6	224	413	63	42	55.1	14.4	10	97	487	51.2	120	100	10.1	2.5	460/3/60	Daikin CAH012GDCC	30% Propylene Glycol	
AHU-2	7,380	7,380	1.00	89.00	74	48.5	48.3	326	601	91	42	55.2	14.5	10	97.3	704	73	120	100	19.7	4	460/3/60	Daikin	30% Propylene Glycol	
AHU-3	2,800	960	1.00	80.00	67	54.1	53	77	115	N/A, DX	N/A, DX	N/A, DX	N/A, DX	47	96	149	15	120	100	0.22	4.4	460/3/60	Daikin CAH008GDCC	Paired with CU-5	

Notes: Provide with mixing box, ECM fan array, access section, plenum section, double wall construction with R-13 injected foam insulation, ultra low leak dampers & serpentine freezestat. Provide AHU-1 and AHU-2 with dual temperature coil. Provide AHU-3 with DX coil and hot water coil.

**Subtotal Hydronic Air Handling Unit Schedule**

**Air Cooled Chiller Schedule**

Tag	EWT	LWT	NOM GPM	WPD (ft. H2O)	E.E.R.	OAT	CAP tons	KW System	CKT (MCA)	Elec	MFG Model	Remarks	Unit Price (Numerals)
CH-1	52.2	42	530	13.7	11.16	89	220	246	468	480/3	Daikin AGZ014F		

NOTES: Provide with single point power connection, variable speed compressors, variable speed condenser fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blanket.

**Subtotal Air Cooled Chiller Schedule**

**Condensing Unit Schedule**

Tag	Matching Unit	Ambient Temp (deg F)	Nominal Capacity (tons)	S.T. (deg F)	Capacity Control	MCA	MOCP	Elec	MFG Model	Remarks	Unit Price (Numerals)
CU-5	AHU-3	95	10	44	Two stage compressor	20.80	25	460/3/60	Daikinn DC6TE12040		

NOTES: Provide with two stage compressor, copper tube/aluminum fin coil, brass liquid and suction service valves, high and low pressure switches, and factory-installed filter drier

**Subtotal Condensing Unit Schedule**

**Boiler Schedule**

Tag	LOCATION	INPUT MBH	OUTPUT MBH	HW FLOW GPM	EWT	LWT	WPD (ft. H2O)	Elect	MFG Model	Remarks	Unit Price (Numerals)
B-1	Boiler Room	3,499	3,328	333	120	140	9.4	460/3/60	RBI FLEXICORE 3500		
B-2	Room	3,499	3,328	333	120	140	9.4	460/3/60	FLEXICORE		

**Subtotal Boiler Schedule**

**Total North Star Elementary School**

Unit Ventilator Schedule

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Area (Room Number)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV-1	1,230	450	223	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-2	1,474	450	216	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-3	1,230	450	221	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-4	1,474	450	214	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-5	1,230	450	219	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-6	1,230	450	217	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-7	1,474	450	212	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-8	1,474	450	215	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-9	1,474	450	213	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-10	1,474	450	210	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-11	1,000	360	209	80	67.00	57.50	54.5	24.4	38.2	6.4	42	54	5	49.80	100.70	55.10	5.50	120	100	3.64	1/3	208/1	Daikin UAVV9H10		
UV-12	1,230	270	207A	78	65.30	57.20	54.3	27.7	40.3	6.72	42	54	4	57.00	100.00	57.60	5.50	120	100	2.62	1/3	208/1	Daikin UAVV9H13		
UV-13	1,230	270	207A	78	65.30	57.20	54.3	27.7	40.3	6.72	42	54	4	57.00	100.00	57.60	5.50	120	100	2.62	1/3	208/1	Daikin UAVV9H13		
UV-14	1,474	450	204	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-15	1,230	450	205	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-16	1,474	450	201	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-17	1,000	270	202	78.7	65.80	57.10	54.1	23.4	34.9	5.82	42	54	4.18	54.00	99.80	49.60	4.50	120	98	2.44	1/3	208/1	Daikin UAVV9H10		
UV-18	1,000	270	202	78.7	65.80	57.10	54.1	23.4	34.9	5.82	42	54	4.18	54.00	99.80	49.60	4.50	120	98	2.44	1/3	208/1	Daikin UAVV9H10		
UV-19	1,230	450	225	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-20	1,230	450	227	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-21	750	225	228F	79.2	66.30	59.90	55.3	15.6	25	4.17	42	54	4.27	53.00	99.10	37.40	3.50	120	99	2.23	1/3	208/1	Daikin UAVV9H07		

Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Area (Room Number)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV-22	1,230	450	22	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-23	1,000	270	110	78.7	65.80	57.10	54.1	23.4	34.9	5.82	42	54	4.18	54.00	99.80	49.60	4.50	120	98	2.44	1/3	208/1	Daikin UAVV9H10		
UV-24	1,230	450	149	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-25	1,230	450	102	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-26	1,474	450	104	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-27	1,000	270	101	78.7	65.80	57.10	54.1	23.4	34.9	5.82	42	54	4.18	54.00	99.80	49.60	4.50	120	98	2.4	1/3	208/1	Daikin UAVV9H10		
UV-28	1,000	270	101	78.7	65.80	57.10	54.1	23.4	34.9	5.82	42	54	4.18	54.00	99.80	49.60	4.50	120	98	2.4	1/3	208/1	Daikin UAVV9H10		
UV-29	1,230	450	133	80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-30	1,474	450	145	79.2	66.30	55.90	53.5	37.3	57	9.49	42	54	6.15	53.00	100.60	76.10	7.50	120	100	3.7	1/3	208/1	Daikin UAVV9H15		
UV-31	1,474	600	135A	80.6	67.50	56.20	53.8	39.1	62.1	10.3	42	54	7.29	47.00	99.70	84.20	8.00	120	99	4.2	1/3	208/1	Daikin UAVV9H15		
UV-32	1,474	600	135A	80.6	67.50	56.20	53.8	39.1	62.1	10.3	42	54	7.29	47.00	99.70	84.20	8.00	120	99	4.2	1/3	208/1	Daikin UAVV9H15		
UV-33	1,250	450	19	80	67.00	57.90	54.9	30	46.3	7.7	42	54	5.31	49.80	100.40	68.60	7.00	120	100	4.25	1/3	208/1	Daikin UAHV9H13		
UV-34	1,250	0	19	75	62.60	56.40	53.3	25.3	33.1	5.5	42	54	2.71	70.00	102.20	43.70	4.50	120	100	1.75	1/3	208/1	Daikin UAHV9H13		
UV-35	1,250	450	9	80	67.00	57.90	54.9	30	46.3	7.7	42	54	5.31	49.80	100.40	68.60	7.00	120	100	4.25	1/3	208/1	Daikin UAHV9H13		
UV-36	1,250	450	17	80.5	67.40	58.00	55.1	30.6	47.6	7.9	42	54	5.62	48.00	99.90	70.40	7.00	120	100	4.25	1/3	208/1	Daikin UAHV9H13		
UV-37	1,230	450		80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		
UV-38	1,230	450		80	67.00	57.80	54.8	29.7	45.9	7.65	42	54	5.31	49.80	100.60	67.70	7.00	120	100	4.25	1/3	208/1	Daikin UAVV9H13		

NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, custom wall sleeve, manufacturer's louver, serpentine freezestat and pipe tunnel.

Subtotal Unit Ventilator Schedule

Fan Coil Unit Schedule

Tag	Min Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
FC-1	1,200	170	0.30	77.5	65.00	54.80	54.1	29.70	38.80	6.5	42	54	10	59.30	103.40	57.10	5.70	120	100	5.6	1/2	120/1	Daikin FCHH212	C10	
FC-2	670	160	0.00	79	66.10	56.60	55.3	16.40	22.30	3.7	42	54	5.8	59.30	102.40	31.50	3.20	120	102	2.9	1/2	120/1	Daikin FCVS108	C10	
FC-3	280	80	0.00	79	66.10	57.60	56.3	6.60	8.50	1.4	42	54	0.91	54.00	104.60	15.50	1.60	120	100	0.7	1/4	120/1	Daikin FCVS103	212 GUIDANCE	
FC-4	480	120	0.00	78.90	66.10	56.60	55.6	11.70	15.60	2.6	42	54	2.9	54.00	100.00	24.20	2.40	120	100	1.6	1/4	120/1	Daikin FCVS106	210A LOUNGE	
FC-5	1,200	170	0.30	77.7	65.00	54.80	54.1	30.00	38.80	6.5	42	54	10	59.30	103.40	57.20	5.70	120	100	5.6	1/2	120/1	Daikin FCHH212	C11	
FC-6	480	120	0.00	78.9	66.10	56.60	55.6	11.70	15.60	2.6	42	54	2.9	54.00	100.20	24.20	2.40	120	100	1.6	1/4	120/1	Daikin FCVS106	203A OFFICE	
FC-7	1,200	170	0.30	77.7	65.00	54.80	54.1	29.70	38.80	6.5	42	54	10	59.30	103.40	57.10	5.60	120	100	5.6	1/2	120/1	Daikin FCHH212	C12	
FC-8	544	90	0.30	78.0	65.30	55.00	54.2	13.70	18.20	3	42	54	3.9	58.00	108.10	29.80	3.00	120	100	2.9	1/4	120/1	Daikin FCHH208	C12	
FC-9	320	90	0.30	79.2	66.30	54.70	54.5	8.60	11.60	1.9	42	54	1.5	53.00	104.80	18.10	1.80	120	100	1	1/4	120/1	Daikin FCHC203	008	
FC-10	240	40	0.00	77.3	64.70	57.30	56	5.20	6.40	1.1	42	54	0.6	54.00	105.70	13.60	1.40	120	100	0.6	1/4	120/1	Daikin FCVS103	288E	
FC-11	1,200	170	0.30	77.7	65.00	54.80	54.1	29.70	38.80	6.5	42	54	10	59.30	103.40	57.10	5.70	120	100	5.6	1/2	120/1	Daikin FCHH212	C5	
FC-12	1,200	170	0.30	77.7	65.00	54.80	54.1	29.70	38.80	6.5	42	54	10	59.30	103.40	57.10	5.70	120	100	5.6	1/2	120/1	Daikin FCHH212	C5	
FC-13	480	120	0.00	78.90	66.10	56.60	55.6	11.70	15.60	2.6	42	54	2.9	54.00	100.00	24.20	2.40	120	100	1.6	1/4	120/1	Daikin FCVS106	114 NURSE	
FC-14	1,130	300	0.30	79.2	66.20	53.80	53.6	31.30	43.20	7.2	42	54	18.4	53.00	105.20	64.50	6.50	120	100	15.3	1/2	120/1	Daikin FCHC212	146 Cafeteria	
FC-15	1,200	170	0.30	77.7	65.00	54.80	54.1	29.70	38.80	6.5	42	54	10	59.30	103.40	57.10	5.60	120	100	5.6	1/2	120/1	Daikin FCHH212	C7	
FC-16	480	120	0.00	78.9	66.10	56.60	55.6	11.70	15.60	2.6	42	54	2.9	54.00	100.20	24.20	2.40	120	100	1.6	1/4	120/1	Daikin FCVS106	C7	
FC-17	480	120	0.00	78.9	66.10	56.60	55.6	11.70	15.60	2.6	42	54	2.9	54.00	100.20	24.20	2.40	120	100	1.6	1/4	120/1	Daikin FCVS106	C7	
FC-18	544	120	0.30	77.8	65.10	54.90	54.1	13.60	17.90	3	42	54	3.8	58.00	108.10	29.80	3.00	120	100	2.9	1/4	120/1	Daikin FCHH208	129	
FC-19	460	0	0.05	75	62.60	55.40	54.2	9.90	11.30	1.9	42	54	1.5	70.00	108.50	19.40	1.90	120	100	1.2	1/4	120/1	Daikin FCHH206	C8	
FC-20	722	220	0.30	78.9	66.00	53.10	52.6	20.40	29.00	4.8	42	54	3.5	54.00	109.00	43.40	4.40	120	100	2.04	1/4	120/1	Daikin FCHH208	134	
FC-21	722	220	0.30	78.9	66.00	53.10	52.6	20.40	29.00	4.8	42	54	3.5	54.00	109.00	43.40	4.40	120	100	2.04	1/4	120/1	Daikin FCHH208	C8	
FC-22	988	200	0.30	77.9	65.20	52.90	52.7	26.90	36.70	6.2	42	54	6.4	58.00	110.00	56.00	5.60	120	100	3.8	1/2	120/1	Daikin FCHH210	141	

Fan Coil Unit Schedule Continued...

Tag	Min Airflow	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						HP	Elec	MFG/ Model	Remarks	Unit Price	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity	Tot. Capacity	H2O Flow Rate	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity	H2O Flow Rate	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
FC-23	988	200	0.30	77.9	65.20	52.90	52.7	26.90	36.70	6.2	42	54	6.4	58.00	110.00	56.00	5.60	120	100	3.8	1/2	120/1	Daikin FCHH210	138A	
FC-24	722	220	0.30	78.9	66	53.1	52.6	20.40	29.10	4.8	42	54	3.5	54.00	107.90	42.50	4.30	120.00	100	2	1/4	120/1	Daikin FCHH208	001	
FC-25	544	180	0.30	79.2	66.3	53.3	53.1	15.40	21.80	3.6	42	54	6.5	53.00	112.20	35.20	3.50	120.00	100	5	1/4	120/1	Daikin FCHH206	011A Storage	
FC-26	722	220	0.30	78.9	66	53.1	52.6	20.40	29.10	4.8	42	54	3.5	54.00	107.90	42.50	4.30	120.00	100	2	1/4	120/1	Daikin FCHH208	012	

NOTES: Provide with dual temperature coil, closed cell foam insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, ECM fans, MERV-13 filters & serpentine freezestat. Provide floor mounted units with premium coating, 3.5" subbase, 16GA cabinet and leveling legs. Provide horizontal units with duct collars.

Subtotal Fan Coil Unit Schedule

Hydronic Air Handling Unit Schedule

Tag	CFM	Min O/A (CFM)	Ext. SP (in H2O)	Cooling Coil										Heating						Total Fan HP	Elec	MFG/ Model	Remarks	Unit Price	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
AHU-1	2,300	900	1.00	80.5	67.4	53.6	53.1	67.6	100.7	16.8	42	54	4.1	35	105	174.8	16.3	120	105	3.3	2.5	208V/3Φ	Daikin MODEL OAH006GDCC		
AHU-2	8,600	5,600	1.00	84.1	70.3	53.3	52.8	289.8	475.9	78.2	42	54	13.9	33.5	105	672.1	62.5	120	105	7.8	8	208V/3Φ	Daikin MODEL OAH017GDCC		
AHU-3	5,400	1,900	1.00	80	67	53.7	53	155.3	230.4	38.1	42	54	11.1	50	104	318.7	29.5	120	98.4	5.8	8.8	208V/3Φ	Daikin MODEL OAH012GDCC		
AHU-4	5,400	1,900	1.00	80	67	53.7	53	155.3	230.4	38.1	42	54	11.1	50	104	318.7	29.5	120	98.4	5.8	8.8	208V/3Φ	Daikin MODEL OAH012GDAC		
AHU-5	11,300	7,800	1.00	84.7	70.8	53.3	52.8	387.7	647.5	106.4	42	54	14.3	31	105	908	85.3	120	105	8.2	13.2	208V/3Φ	Daikin MODEL OAH025GDAC		

NOTES: Provide with mixing box (rear OA, bottom RA), blender, dual temperature coil, ECM fan array, access section, double wall construction with R-13 injected foam insulation, pipe chase, ultra low leak dampers & serpentine freezestat

Subtotal Hydronic Air Handling Unit Schedule

Total Richardson Park E.S.

**Unit Ventilator Schedule**

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling											Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)
			EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)					
UV-1	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-2	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-3	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-4	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-5	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-6	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-7	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-8	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-9	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-10	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-11	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-12	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.25	208/1	Daikin UAVV5S13		
UV-13	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/1	Daikin UAVV5S13		
UV-14	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/2	Daikin UAVV5S13		
UV-15	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/3	Daikin UAVV5S13		
UV-16	1,230	450	80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55	49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/4	Daikin UAVV5S13		

Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)				
			EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)			
UV-17	1,230	450		80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55		49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/5	Daikin UAVV5S13			
UV-18	1,230	450		80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55		49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/6	Daikin UAVV5S13			
UV-19	1,230	450		80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55		49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/7	Daikin UAVV5S13			
UV-20	1,230	450		80	67	57.70	54.70	29.8	46.2	8	42	53.6	5.55		49.80	101.80	69.40	8.00	120	102.6	5.55	0.17	208/8	Daikin UAVV5S13			
NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, custom wall sleeve, serpentine freezestat and pipe tunn																											
<b>Subtotal Unit Ventilator Schedule</b>																											

Fan Coil Unit Schedule

Tag	Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)		
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)	
FC-1	450	390	0.30	78.70	65.9	52.6	52.4	12.8	18.1	3	42	54	4.74		55	113.7	28.80	2.90	120	100	3.39	0.25	115/60/1	Daikin FCHH206	Horizontal Concealed	
FC-2	390	216	0.30	80	67	52.9	52.7	11.5	16.9	2.8	42	54	3.37		50	108.4	24.90	2.50	120	100	2.09	0.25	115/60/1	Daikin FCHH204	Horizontal Concealed	
FC-3	170	90	0.25	77.60	64.9	54.8	54.0	4.2	5.5	0.9	42	54	0.3		59	103.9	8.30	0.80	120	100	0.17	0.25	115/60/1	Daikin FCHH203	Horizontal Concealed	
FC-4	200	90	0.25	75.00	62.6	54.5	53.6	4.4	5.2	0.9	42	54	0.27		70	102.2	7.00	0.70	120	100	0.13	0.25	115/60/1	Daikin FCHH203	Horizontal Concealed	
FC-5	200	40	0.05	76.40	63.8	55.6	54.9	4.5	5.3	0.9	42	54	0.35		64	103.8	8.60	0.90	120	100	0.22	0.25	115/60/1	Daikin FCVS102	Vertical exposed	
FC-6	170	165	0.25	77.60	64.9	54.8	54.0	4.2	5.5	0.9	42	54	0.3		59	103.9	8.3	0.80	120	100	0.17	0.25	115/60/1	Daikin FCHH203	Horizontal Concealed	
FC-7	770	40	0.05	78.6	65.9	54.9	53.9	19.9	28.1	4.7	42	54	5.34		56	106.1	42.50	4.30	120	100	4.44	0.25	115/60/1	Daikin FCVS108	Vertical exposed	
FC-8	890	90	0.30	77.70	65	53.4	51.7	23.6	34.8	5.9	42	54	8.42		59	109.9	49.20	5.00	120	100	4.36	0.25	115/60/1	Daikin FCHH212	Horizontal Concealed	
FC-9	200	20	0.05	76.40	63.8	55.6	54.9	4.5	5.3	0.9	42	54	0.35		64	103.8	8.60	0.90	120	100	0.22	0.25	115/60/1	Daikin FCVS102	Vertical exposed	
FC-10	420	20	0.30	78.00	65.3	52.4	52.1	11.7	16.4	2.7	42	54	3.95		58	114.1	25.70	2.60	120	100	2.72	0.25	115/60/1	Daikin FCHH206	Horizontal Concealed	
FC-11	560	20	0.05	79.00	66.1	53.5	52.5	15.6	22.8	3.8	42	54	6.98		64	106.2	25.80	2.60	120	100	2.48	0.25	115/60/1	Daikin FCVS106	Vertical exposed	

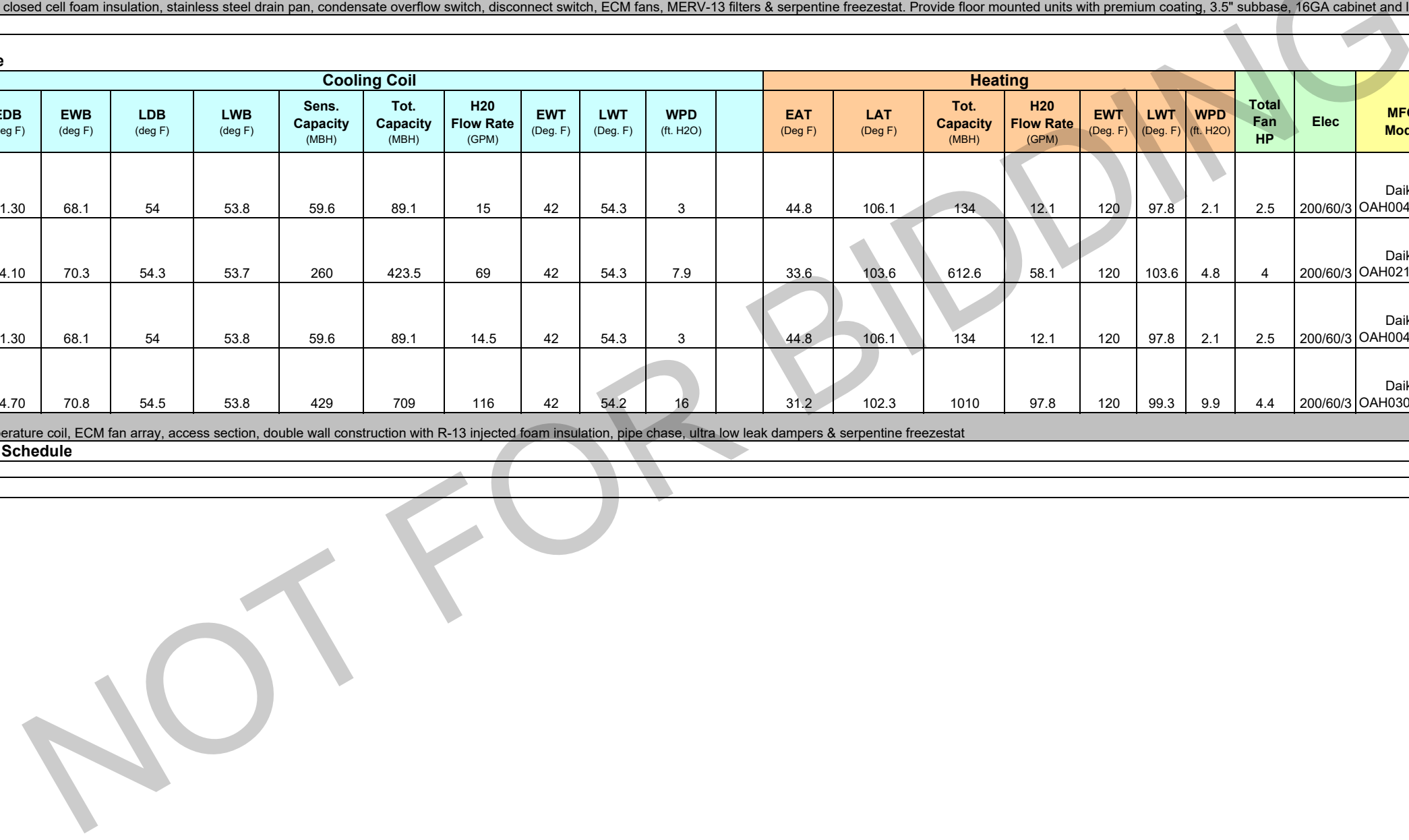
**Fan Coil Unit Schedule Continued...**

Tag	Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
FC-12	570	174	0.30	77.20	64.6	55.00	54.10	13.8	17.8	3	42	54	3.78	61	107.80	29.20	2.90	120	100	2.81	0.25	115/60/1	Daikin FCHH208	Horizontal Concealed	
FC-13	280	216	0.05	79.00	66.1	53.10	52.90	7.9	11.1	1.9	42	54	1.7	54	112.30	17.80	1.90	120	100	1.7	0.25	115/60/1	Daikin	Vertical exposed	
FC-14	170	40	0.20	79.10	66.2	53.00	52.90	4.8	6.8	1.1	42	54	0.59	54	109.20	10.30	1.00	120	100	0.35	0.25	115/60/1	Daikin FCHH203	Horizontal Concealed	
NOTES: Provide with dual temperature coil, closed cell foam insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, ECM fans, MERV-13 filters & serpentine freezestat. Provide floor mounted units with premium coating, 3.5" subbase, 16GA cabinet and leveling legs. Provide horizontal units with duct colla																									
<b>Subtotal Fan Coil Unit Schedule</b>																									

**Hydronic Air Handling Unit Schedule**

Tag	CFM	Min O/A (CFM)	Ext. SP (in H2O)	Cooling Coil										Heating						Total Fan HP	Elec	MFG/ Model	Remarks	Unit Price	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
AHU-1	2,000	3,356	0.75	81.30	68.1	54	53.8	59.6	89.1	15	42	54.3	3	44.8	106.1	134	12.1	120	97.8	2.1	2.5	200/60/3	Daikin OAH004GDCC		
AHU-2	8,000	3,356	1.00	84.10	70.3	54.3	53.7	260	423.5	69	42	54.3	7.9	33.6	103.6	612.6	58.1	120	103.6	4.8	4	200/60/3	Daikin OAH021GDCC		
AHU-3	2000	6400	0.75	81.30	68.1	54	53.8	59.6	89.1	14.5	42	54.3	3	44.8	106.1	134	12.1	120	97.8	2.1	2.5	200/60/3	Daikin OAH004GDCC		
AHU-4	13000	6400	1.00	84.70	70.8	54.5	53.8	429	709	116	42	54.2	16	31.2	102.3	1010	97.8	120	99.3	9.9	4.4	200/60/3	Daikin OAH030GDCC		
NOTES: Provide with mixing box, dual temperature coil, ECM fan array, access section, double wall construction with R-13 injected foam insulation, pipe chase, ultra low leak dampers & serpentine freezestat																									
<b>Subtotal Hydronic Air Handling Unit Schedule</b>																									

**Total Richey Elementary School**



Unit Ventilator Schedule

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling											Heating						HP	Elec	MFG Model	Remarks	Unit Price (Numerals)
			EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)					
UV-1	1,250	200	81	68.00	55.80	53.9	34.2	54.4	9.1	42	54	7.2	42.00	105.30	85.50	8.00	120.00	98.5	5.6	1/3	208/1	Daikin UAHV9H13	Rm 120B	
UV-2	979	200	79	67.00	56.70	54.3	23.6	37.9	6.3	42	54	3.5	52.00	107.60	59.10	6.50	120.00	101.8	3.6	1/3	208/1	Daikin UAAV9H10	Rm 225F	
UV-3	1,212	375	81	68.00	55.70	53.7	33.3	53.4	8.9	42	54	7.2	42.00	105.50	83.50	8.00	120.00	99.1	5.6	1/3	208/1	Daikin UAAV9H13	Rm 201	
UV-4	1,212	375	81	68.00	55.70	53.7	33.3	53.4	8.9	42	54	7.2	42.00	105.50	83.50	8.00	120.00	99.1	5.6	1/3	208/1	Daikin UAAV9H13	Rm 202	
UV-5	1,212	375	81	68.00	55.70	53.7	33.3	53.4	8.9	42	54	7.2	42.00	105.50	83.50	8.00	120.00	99.1	5.6	1/3	208/1	Daikin UAAV9H13	Rm 203	
UV-6	1,212	375	81	68.00	55.70	53.7	33.3	53.4	8.9	42	54	7.2	42.00	105.50	83.50	8.00	120.00	99.1	5.6	1/3	208/1	Daikin UAAV9H13	Rm 100B	
UV-7	1,212	375	81	68.00	55.70	53.7	33.3	53.4	8.9	42	54	7.2	42.00	105.50	83.50	8.00	120.00	99.1	5.6	1/3	208/1	Daikin UAAV9H13	Rm 100A	
UV-8	1,212	375	81	68.00	55.70	53.7	33.3	53.4	8.9	42	54	7.2	42.00	105.50	83.50	8.00	120.00	99.1	5.6	1/3	208/1	Daikin UAAV9H13	Rm 100	
UV-9	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 101	
UV-10	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 102	
UV-11	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 103	
UV-12	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 104	
UV-13	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 105	
UV-14	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 106	
UV-15	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 107	
UV-16	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 110	
UV-17	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 109	
UV-18	1,444	375	80	67.00	55.50	52.8	38.4	62	10.3	42	54	10.7	52.00	107.70	87.30	10.00	120.00	102.6	9.2	1/3	208/1	Daikin UAAV0H15	Rm 108	
UV-111	1,474	375	81	68.00	55.80	53.9	38.2	60	10	42	54	6.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	208/1	Daikin UAAV9H15	Rm 111	
UV-112	1,474	200	81	68.00	55.80	53.9	38.2	60	10	42	54	6.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	208/1	Daikin UAAV9H15	Rm 112	

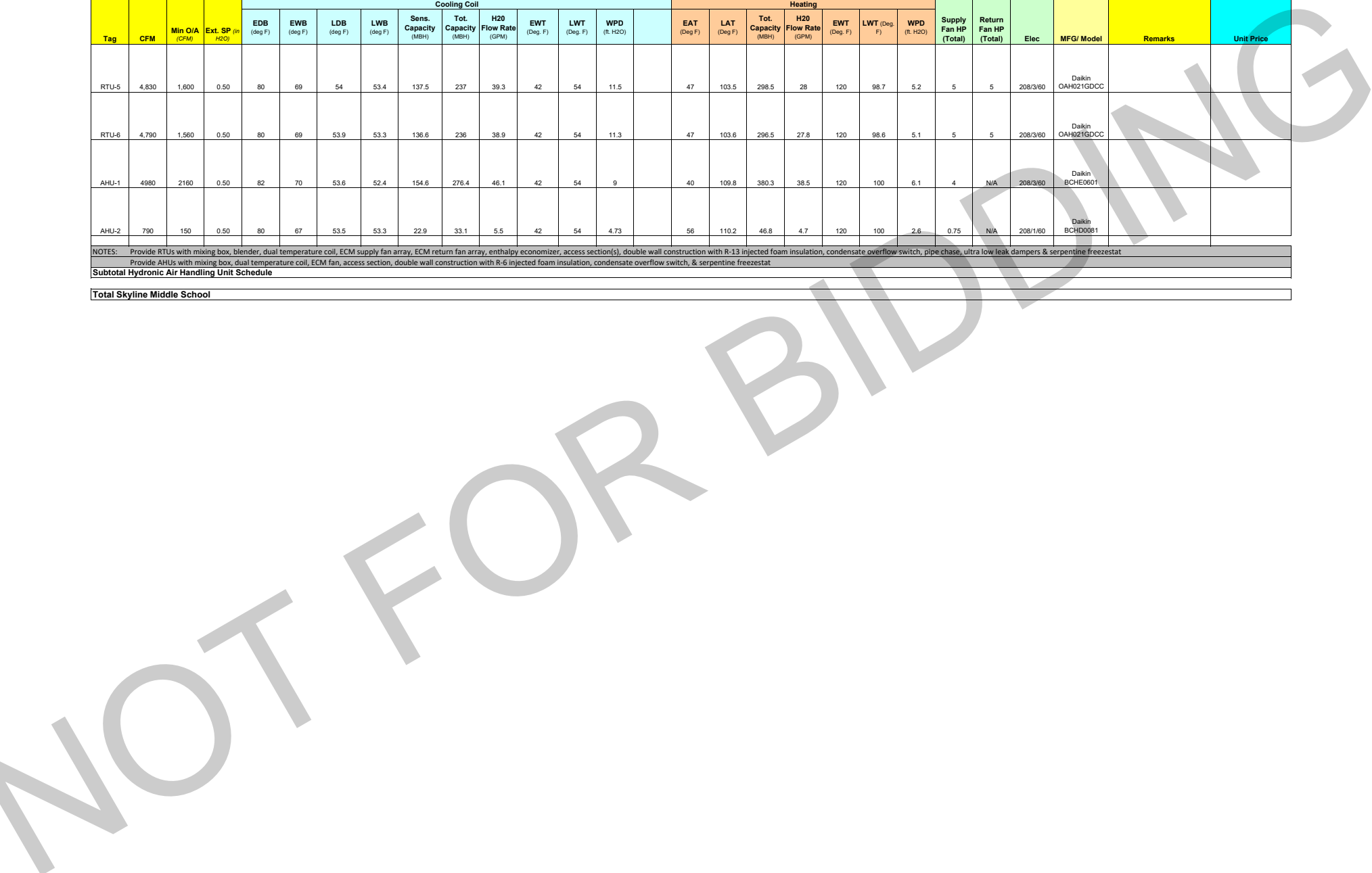
Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling											Heating						HP	Elec	MFG Model	Remarks	Unit Price (Numerals)			
			EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)								
UV-200	1,474	375	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 200				
UV-204	1,474	375	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 204				
UV-205	1,474	375	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 205				
UV-206	1,474	375	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 206				
UV-207	1,474	375	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 207				
UV-209	1,474	375	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 209				
UV-210	1,474	375	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 210				
UV-211-1	1,474	250	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 211				
UV-211-2	1,474	250	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 211				
UV-212-1	1,474	225	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 212				
UV-212-2	1,474	225	80	67.00	56.10	53.6	38.2	60	10	42	54	5.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	115/1	Daikin UAVV9H15	Rm 212				
UV-214	1,230	375	80	67.00	57.80	54.8	39.7	45.9	7.65	42	54	5.31	52.00	103.20	67.30	8.00	120.00	103.2	5.55	1/3	115/1	Daikin UAVV9H13	Rm 214				
UV-217	1,230	375	80	67.00	57.80	54.8	39.7	45.9	7.65	42	54	5.31	52.00	117.00	87.00	8.00	140.00	118.2	5.55	1/3	115/1	Daikin UAVV9H13	Rm 217				
UV-218-1	1,474	200	81	68.00	55.80	53.9	38.2	60	10	42	54	6.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	208/1	Daikin UAVV9H15	Rm 218				
UV-218-2	1,474	200	81	68.00	55.80	53.9	38.2	60	10	42	54	6.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	208/1	Daikin UAVV9H15	Rm 218				
UV-219	1,230	375	80	67.00	57.80	54.8	39.7	45.9	7.65	42	54	5.31	52.00	103.20	67.30	8.00	120.00	103.2	5.55	1/3	115/1	Daikin UAVV9H13	Rm 219				
UV-220	1,474	375	81	68.00	55.80	53.9	38.2	60	10	42	54	6.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	208/1	Daikin UAVV9H15	Rm 220				
UV-221	1,474	375	81	68.00	55.80	53.9	38.2	60	10	42	54	6.8	52.00	103.80	81.20	10.00	120.00	103.8	6.6	1/3	208/1	Daikin UAVV9H15	Rm 221				
UV-223A	1,230	100	80	67.00	57.80	54.8	39.7	45.9	7.65	42	54	5.31	52.00	103.20	67.30	8.00	120.00	103.2	5.55	1/3	115/1	Daikin UAVV9H13	Rm 223A				
NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base on floor mount units, 16GA cabinet, pipe tunnel, adapter back and custom wall sleeve on floor mount units, duct collars on horizontal units, and serpentine freezestat																											
<b>Subtotal Unit Ventilators</b>																											

**Total Shortlidge Elementary School**

**Hydronic Air Handling Unit Schedule**

Tag	CFM	Min O/A (CFM)	Ext. SP (ft H2O)	Cooling Coil										Heating						Supply Fan HP (Total)	Return Fan HP (Total)	Elec	MFG/ Model	Remarks	Unit Price		
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg F)							WPD (ft. H2O)	
RTU-5	4,830	1,600	0.50	80	69	54	53.4	137.5	237	39.3	42	54	11.5	47	103.5	298.5	28	120	98.7	5.2	5	5	208/3/60	Daikin OAH021GDCC			
RTU-6	4,790	1,560	0.50	80	69	53.9	53.3	136.6	236	38.9	42	54	11.3	47	103.6	296.5	27.8	120	98.6	5.1	5	5	208/3/60	Daikin OAH021GDCC			
AHU-1	4980	2160	0.50	82	70	53.6	52.4	154.6	276.4	46.1	42	54	9	40	109.8	380.3	38.5	120	100	6.1	4	N/A	208/3/60	Daikin BCH0001			
AHU-2	790	150	0.50	80	67	53.5	53.3	22.9	33.1	5.5	42	54	4.73	56	110.2	46.8	4.7	120	100	2.6	0.75	N/A	208/1/60	Daikin BCHD0081			
NOTES: Provide RTUs with mixing box, blender, dual temperature coil, ECM supply fan array, ECM return fan array, enthalpy economizer, access section(s), double wall construction with R-13 injected foam insulation, condensate overflow switch, pipe chase, ultra low leak dampers & serpentine freezestat Provide AHUs with mixing box, dual temperature coil, ECM fan, access section, double wall construction with R-6 injected foam insulation, condensate overflow switch, & serpentine freezestat																											
<b>Subtotal Hydronic Air Handling Unit Schedule</b>																											
<b>Total Skyline Middle School</b>																											



Unit Ventilator Schedule

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	E.S.P. (in-w.g.)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV-109	979	450	0	84.2	70.10	57.80	55.3	28	46.4	7.73	42	54	5.31	38.50	99.90	65.30	3.70	120	85	1.15	1/3	208/1	Daikin UAVV9H10	Provide with manufacturer louver and OA wall sleeve	
UV-129	675	150	0.25	77.8	65.20	53.10	52	20.3	29.6	4.94	42	54	5.03	58.00	107.80	40.50	4.00	120	100	3.25	1/3	208/1	Daikin UAHV9H07	Provide with duct collars	
UV-1	770	450		84.2	70.10	58.40	55.5	27.9	46.7	7.79	42	54	7.53	38.50	96.30	62.00	5.00	120	94.9	3.01	1/3	208/60/1	Daikin UAVV9H10		
UV-2	770	330		82.5	68.70	56.10	52.9	22	38	6.37	42	54	6.21	46.90	100.50	45.00	4.50	120	100	2.44	1/3	208/60/1	Daikin UAVV9H10		
UV-3	944	450		84.2	70.10	56.70	53.1	28	50	8.44	42	54	8.01	38.50	99.20	62.00	6.00	120	100	3.12	1/3	208/60/1	Daikin UAVV9H13		
UV-4	1,230	450		82	68.20	58.20	55.2	31	49	8.31	42	54	6.27	49.80	99.30	66.00	6.00	120	100	3.12	1/3	208/60/1	Daikin UAVV9H13		
UV-6	1474	450		82	68.2	56.4	53.9	41	65.1	10.85	42	54	8.05	49.8	97.2	75.82	6	120	94.7	2.36	1/3	208/60/1	Daikin UAVV9H15		
UV-8	999	360		82	68.5	58.00	55.00	26.4	42.2	7.03	42	54	6.05	48.20	101.30	57.59	6.00	120	100.8	4.33	1/3	208/60/1	Daikin UAVV9H10		
UV-9	1,187	450		82	68.50	56.70	53.4	32	55	9.24	42	54	9.53	49.80	98.30	62.00	6.00	120	99.2	3.3	1/3	208/60/1	Daikin UAVV9H15		
UV-10	1,187	450		82.8	69.00	56.80	53.5	33	57	9.55	42	54	10.17	45.40	98.80	68.00	7.00	120	100.4	4.49	1/3	208/60/1	Daikin UAVV9H15		
UV-11	1,474	225		80.4	67.00	56.10	53.6	38	60	10	42	54	6.82	57.70	101.20	69.00	7.00	120	100.1	3.21	1/3	208/60/1	Daikin UAVV9H15		
UV-12	1,474	225		80.4	67.00	56.10	53.6	38	60	10	42	54	6.82	57.70	101.20	69.00	7.00	120	100.1	3.21	1/3	208/60/1	Daikin UAVV9H15		
UV-14	1,187	450		82	68.20	56.60	53.3	33	54	9	42	54	9	49.80	100.00	64.00	7.00	120	100	4.49	1/3	208/60/1	Daikin UAVV9H15		
UV-15	1,230	450		82	68.20	58.20	55.2	31	49	8.31	42	54	6.27	49.80	100.60	67.00	7.00	120	100	4.25	1/3	208/60/1	Daikin UAVV9H13		
UV-16	1,230	450		82	68.20	58.20	55.2	31	49	8.31	42	54	6.27	49.80	100.60	67.00	7.00	120	100	4.25	1/3	208/60/1	Daikin UAVV9H13		
UV-17	1,187	450		82.8	69.00	56.80	53.5	33	57	9.55	42	54	10.17	45.40	98.80	68.00	7.00	120	100	4.49	1/3	208/60/1	Daikin UAVV9H15		
UV-18	1,187	450		82.8	69.00	56.80	53.5	33	57	9.55	42	54	10.17	45.40	98.80	68.00	7.00	120	100	4.49	1/3	208/60/1	Daikin UAVV9H15		
UV-19	1,253	450		82	68.20	58.70	56.2	31	47	7.86	42	54	5	49.80	99.00	66.00	7.00	120	100	3.89	1/3	208/60/1	Daikin UAVV9H13		
UV-20	1,253	450		82	69.00	58.90	56.5	32	49	8.3	42	54	5.56	45.40	97.60	71.00	7.00	120	100	3.89	1/3	208/60/1	Daikin UAVV9H13		
UV-21	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100	3.21	1/3	208/60/1	Daikin UAVV9H13		
UV-22	1,253	450		82.8	69.00	58.90	56.5	32	49	8.3	42	54	5.56	45.40	97.60	71.00	7.00	120	100	3.89	1/3	208/60/1	Daikin UAVV9H13		
UV-23	999	225		81.1	67.50	57.70	54.7	25	39	6.59	42	54	5.35	54.30	100.90	50.00	5.00	120	100	3.01	1/3	208/60/1	Daikin UAVV9H10		

Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	E.S.P. (in-w.g.)	Cooling											Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)		
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)							
UV-24	999	225		81.1	67.50	57.70	54.7	25	39	6.59	42	54	5.35	54.30	100.90	50.00	5.00	120	100	3.01	1/3	208/60/1	Daikin UAVV9H10				
UV-25	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-26	1,474	450		82	68.20	56.40	53.9	41	65	10.85	42	54	8.05	49.80	100.40	81.00	8.00	120	99.8	4.2	1/3	208/60/1	Daikin UAVV9H15				
UV-27	999	450		84.2	70.10	58.40	55.5	27	46	7.79	42	54	7.53	38.50	99.80	66.00	7.00	120	101	5.89	1/3	208/60/1	Daikin UAVV9H10				
UV-28	999	450		84.2	70.10	58.40	55.5	27	46	7.79	42	54	7.53	38.50	99.80	66.00	7.00	120	101	5.89	1/3	208/60/1	Daikin UAVV9H10				
UV-29	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-30	1,230	450		82.8	69.00	58.40	55.5	33	52	8.74	42	54	6.92	45.40	99.30	72.00	7.00	120	99.4	4.25	1/3	208/60/1	Daikin UAVV9H13				
UV-31	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-32	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-33	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-34	1,230	450		82.8	69.00	58.40	55.5	33	52	8.74	42	54	6.92	45.40	99.30	72.00	7.00	120	99.4	4.25	1/3	208/60/1	Daikin UAVV9H13				
UV-35	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-36	1,143	450		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-37	750	600		-	-	-	-	-	-	-	-	-	-	28.00	94.00	54.00	8.00	120	106.5	10.3	1/3	208/60/1	Daikin UAHV9H07				
UV-38	750	538		-	-	-	-	-	-	-	-	-	-	28.00	94.00	54.00	8.00	120	106.5	10.3	1/3	208/60/1	Daikin UAHV9H07				
UV-39	1,143	225		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-40	1,143	225		82.8	69.00	54.50	51.7	35	62	10.28	42	54	8.9	45.40	100.30	68.00	7.00	120	100.5	3.21	1/3	208/60/1	Daikin UAVV9H15				
UV-41	770	225		82.8	67.00	56.00	52.4	22	35	5.75	42	54	5.07	45.40	101.30	46.00	5.00	120	101.4	3.01	1/3	208/60/1	Daikin UAVV9H10				
UV-42	770	225		82.8	67.00	56.00	52.4	22	35	5.75	42	54	5.07	45.40	101.30	46.00	5.00	120	101.4	3.01	1/3	208/60/1	Daikin UAVV9H10				
NOTES: Provide with dual temperature coil, 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, custom wall sleeve, serpentine freezestat and pipe tunnel.																											
<b>Subtotal Unit Ventilators</b>																											

Air Cooled Chiller Schedule

Tag	Cooling													Elec	MFG Model	Remarks	Unit Price											
	EWT	LWT	Nom GPM	WPD ft H2O	E.E.R.	OAT	CAP (Tons)	KW System	CKT (MCA)																			
CH-1	55	42	755	11.2	10.4	89	407	469	759																480/3	Daikin AWW026B		
NOTES: Provide with single point power connection, variable speed compressors, variable speed condenser fans, 65 kA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor blankets																												
<b>Subtotal Chiller Schedule</b>																												

**Total Stanton Middle School**



Unit Ventilator Schedule Continued...

Tag	Nom. Airflow (CFM)	Min O/A (CFM)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)	
			EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg F)	LWT (Deg F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)
UV-32	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.2	33.8	3.4	120	100.1	1.39	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-33	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.2	33.8	3.4	120	100.1	1.39	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-34	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.2	33.8	3.4	120	100.1	1.39	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-35	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.2	33.8	3.4	120	100.1	1.39	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-36	753	450	80	67	65.8	60.5	11.6	16.3	2.71	42	54	2.91	70	94.3	19.8	2	120	100.2	1.22	1/3	115/60/1	Daikin UAAV9H07	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-37	OMITTED																							
UV-38	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-39	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-40	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-41	752	450	80	67	63.8	58.9	13.3	19.9	3.32	42	54	2.37	70	98.6	23.3	2.4	120	100.6	0.93	1/3	115/60/1	Daikin UAAV9H07	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-42	1000	450	80	67	58.3	55.5	23.5	35.4	5.9	42	54	6.42	70	99.1	31.5	3.2	120	100.3	1.83	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-43	1230	450	80	67	57.8	54.8	29.7	45.9	7.65	42	54	5.31	70	101.9	42.6	4.3	120	100.2	1.6	1/3	115/60/1	Daikin UAAV9H13	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-44	1000	450	80	67	58.3	55.5	23.5	35.4	5.9	42	54	6.42	70	99.1	31.5	3.2	120	100.3	1.83	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-45	1000	450	80	67	58.3	55.5	23.5	35.4	5.9	42	54	6.42	70	99.1	31.5	3.2	120	100.3	1.83	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-46	1000	450	80	67	58.3	55.5	23.5	35.4	5.9	42	54	6.42	70	99.1	31.5	3.2	120	100.3	1.83	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-47	1000	450	80	67	58.3	55.5	23.5	35.4	5.9	42	54	6.42	70	99.1	31.5	3.2	120	100.3	1.83	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-48	1230	450	80	67	57.8	54.8	29.7	45.9	7.65	42	54	5.31	70	101.9	42.6	4.3	120	100.2	1.6	1/3	115/60/1	Daikin UAAV9H13	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-49	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-50	999		80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-51	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-52	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-53	1253	450	80	67	58.4	55.9	29.4	42.9	7.15	42	54	4.14	70	100.4	41.4	4.2	120	100.3	1.4	1/3	115/60/1	Daikin UAAV9H13	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-54	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.2	33.8	3.4	120	100.1	1.39	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-55	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.2	33.8	3.4	120	100.1	1.39	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-56	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.2	33.8	3.4	120	100.1	1.39	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-57	750		80	67	60.3	55.6	16.1	26.4	4.39	42	54	4.72	70	100.8	25.1	2.5	120	99.9	1.14	1/3	208/60/1	Daikin UAAV9H07	Horizontal, Dual Temp Cooling/Heating	
UV-58	OMITTED																							
UV-59	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-60	999	450	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	115/60/1	Daikin UAAV9H10	Vertical Floor Mount, Dual Temp Cooling/Heating	
UV-61	750	300	80	67	60.3	55.6	16.1	26.4	4.39	42	54	4.72	70	100.8	25.1	2.5	120	99.9	1.14	1/3	208/60/1	Daikin UAAV9H07	Horizontal, Dual Temp Cooling/Heating	
UV-62	750	300	80	67	60.3	55.6	16.1	26.4	4.39	42	54	4.72	70	100.8	25.1	2.5	120	99.9	1.14	1/3	208/60/1	Daikin UAAV9H07	Horizontal, Dual Temp Cooling/Heating	
UV-63	1000	300	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	208/60/1	Daikin UAAV9H10	Horizontal, Dual Temp Cooling/Heating	
UV-64	1000	300	80	67	57.5	54.5	24.4	38.2	6.37	42	54	5.02	70	101.6	34.3	3.5	120	100.4	1.47	1/3	208/60/1	Daikin UAAV9H10	Horizontal, Dual Temp Cooling/Heating	

NOTES: Provide with dual temperature coil or DX coil and HW coil (see remarks). 1" insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, 3 speed ECM fans, MERV-13 filters, 4" sub base, 16GA cabinet, adapter back, custom wall sleeve, serpentine freezeestat and pipe tunnel.

Subtotal Unit Ventilator Schedule

Fan Coil Unit Schedule

Tag	Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)			
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBtu)	Tot. Capacity (MBtu)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBtu)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)		
FC-1	353	80	0.25	86	70	59.5	58.1	10.203	13.872	2.3	42	54	1.53		40	96.1	21.60	2.2	120	100	1.05	1/4	115/60/1	Daikin FCHR203	Horizontal, Dual Temp Cooling/Heating		
FC-2	353	80	0.25	85.5	70	59.6	58.2	9.98	13.75	2.3	42	54	1.51		35	95.3	23.25	2.3	120	100	1.21	1/4	115/60/1	Daikin FCHR203	Horizontal, Dual Temp Cooling/Heating		
FC-3	713	20	0.25	86	70	59.2	57.8	20.893	28.699	4.8	42	54	8		35	100.7	51.20	5.1	120	100	8.09	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-4	713	230	0.25	86	70	59.2	57.8	20.893	28.699	4.8	42	54	8		45	101.9	44.36	4.5	120	100	6.03	1/4	115/60/1	Daikin FCHR206	Horizontal, Dual Temp Cooling/Heating		
FC-5	835	144	0.25	88	73	59.6	58.8	25.945	41.167	6.9	42	54	16.66		35	100.4	59.74	6	120	100	12.08	1/4	115/60/1	Daikin FCHH208	Horizontal, Dual Temp Cooling/Heating		
FC-6	353	117	0.25	86	71	59.7	58.4	10.136	14.96	2.5	42	54	1.76		41	96.2	21.27	2.1	120	100	1	1/4	115/60/1	Daikin FCHH203	Horizontal, Dual Temp Cooling/Heating		
FC-7	713	38	0.25	83	66	57.9	55.8	19.574	22.336	3.7	42	54	5.12		63	104	31.93	3.2	120	100	3.1	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-8	590	45	0	83	65.6	59.1	55.5	15.567	18.217	N/A, DX	N/A, DX	N/A, DX	N/A, DX		62.1	77.7	10.303	1	120	100	1.11	1/4	115/60/1	Envirotech VFS-C-06	Vertical Floor Mount, Split DX Cooling, HW Heating		
FC-9	590	30	0	83	65	58.8	55.1	15.687	17.577	N/A, DX	N/A, DX	N/A, DX	N/A, DX		63.6	78.7	9.943	1	120	100	1.04	1/4	115/60/1	Envirotech VFS-C-06	Vertical Floor Mount, Split DX Cooling, HW Heating		
FC-10	413	29	0	83	65.1	58.2	54.6	11.296	13.006	N/A, DX	N/A, DX	N/A, DX	N/A, DX		62.7	77.6	6.874	0.7	120	100.1	0.54	1/4	115/60/1	Envirotech VFS-C-04	Vertical Floor Mount, Split DX Cooling, HW Heating		
FC-11	413	24	0	84	67	59	55.6	11.436	14.616	N/A, DX	N/A, DX	N/A, DX	N/A, DX		64.2	78.5	6.604	0.7	120	100.1	0.51	1/4	115/60/1	Envirotech VFS-C-04	Vertical Floor Mount, Split DX Cooling, HW Heating		
FC-12	217	24	0	82.9	64.5	58.2	54.5	5.899	6.459	N/A, DX	N/A, DX	N/A, DX	N/A, DX		64.2	102.5	9.241	0.9	120	100.1	0.5	1/4	115/60/1	Envirotech VFS-C-02	Vertical Floor Mount, Split DX Cooling, HW Heating		
FC-13	713	216	0.25	86	71	59.4	58.3	20.729	30.448	5.1	42	54	8.88		41	101.4	47.11	4.7	120	100	6.8	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-14	608	216		81.6	68.3	62.5	58.8	12.94	18.8	N/A, DX	N/A, DX	N/A, DX	N/A, DX		43.4	79.6	24.29	2.4	120	100	10.6	1/4	115/60/1	Envirotech HLP-D-06	Horizontal, Split DX Cooling, HW Heating		
FC-15	353	54	0.25	84	67	59	57	9.636	11.077	1.8	42	54	1.02		57	98.2	15.86	1.6	120	100	0.57	1/4	115/60/1	Daikin FCHH203	Horizontal, Dual Temp Cooling/Heating		
FC-16	395	58	0.25	84	67	58.1	57.1	11.198	12.324	2.1	42	54	1.58		60	102.3	18.26	1.8	120	100	0.78	1/4	115/60/1	Daikin FCVS104	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-17	395	24	0.25	84	67	58.1	57.1	11.198	12.324	2.1	42	54	1.58		64	102.5	16.62	1.7	120	100	0.65	1/4	115/60/1	Daikin FCVS104	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-18	713	216	0.25	86	70.5	59.4	58.1	20.77	29.469	4.9	42	54	8.38		40.8	101.4	47.25	4.7	120	100	6.84	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-19	1069	81	0.25	84.5	68.3	62.1	60.2	26.141	28.677	5	42	53.9	10.04		52.6	107.7	64.35	6.7	120	100	14.27	1/2	115/60/1	Daikin FCHR212	Horizontal, Dual Temp, 30% Propylene Glycol		
FC-20	1069	81	0.25	84.5	68.3	62.1	60.2	26.141	28.677	5	42	53.9	10.04		52.6	107.7	64.35	6.7	120	100	14.27	1/2	115/60/1	Daikin FCHR212	Horizontal, Dual Temp, 30% Propylene Glycol		
FC-21	395	27	0.25	83.4	61.4	56.9	51.9	11.453	11.453	1.9	42	54	1.46		62.2	102.4	17.34	1.7	120	100	0.7	1/4	115/60/1	Daikin FCVS104	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-22	713	204	0.25	86	70.5	59.4	58.1	20.77	29.469	4.9	42	54	8.38		40.8	101.4	47.25	4.7	120	100	6.84	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-23	475	68	0.25	83.4	66.2	56.8	55.6	13.812	15.488	2.6	42	54	2.14		59.6	101	21.53	2.2	120	100	1.17	1/4	115/60/1	Daikin FCHH204	Horizontal, Dual Temp Cooling/Heating		
FC-24	475	61	0.25	83.4	66.2	56.8	55.6	13.812	15.488	2.6	42	54	2.14		59.6	101	21.53	2.2	120	100	1.17	1/4	115/60/1	Daikin FCHH204	Horizontal, Dual Temp Cooling/Heating		
FC-25	713	204	0.25	85.9	70.5	59.3	58.1	20.699	29.456	4.9	42	54	8.37		40.8	101.4	47.25	4.7	120	100	6.84	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-26	713	204	0.25	85.9	70.5	59.3	58.1	20.699	29.456	4.9	42	54	8.37		40.8	101.4	47.25	4.7	120	100	6.84	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-27	713	194	0.25	86.2	70.8	59.4	58.2	20.892	30.09	5	42	54	8.7		37.7	101	49.37	4.9	120	100	7.51	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-28	527	97	0.25	85	68.5	57	55.9	16.116	21.172	3.6	42	53.9	4.78		48.3	106.3	33.41	3.3	120	100	3.36	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-29	353	34	0.25	83.8	66.8	59	57	9.563	10.898	1.8	42	54	1		57.9	98.2	15.55	1.6	120	100	0.55	1/4	115/60/1	Daikin FCHH203	Horizontal, Dual Temp Cooling/Heating		
FC-30	713	204	0.25	85.9	70.5	59.3	58.1	20.699	29.456	4.9	42	54	8.37		40.8	101.4	47.25	4.7	120	100	6.84	1/4	115/60/1	Daikin FCHH206	Horizontal, Dual Temp Cooling/Heating		
FC-31	386	34	0.1	83.1	65.7	62.7	57.4	8.689	9.979	N/A, DX	N/A, DX	N/A, DX	N/A, DX		61.1	71.8	4.70	0.5	120	100	0.25	1/4	115/60/1	Envirotech HLP-D-03	Horizontal, Split DX Cooling, HW Heating		
FC-32	395	34	0.25	83.1	65.7	57.8	56.4	10.943	11.258	1.9	42	54	1.35		61.1	102.3	17.79	1.8	120	100	0.73	1/4	115/60/1	Daikin FCVS104	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-33	395	34	0.25	83.1	65.7	57.8	56.4	10.943	11.258	1.9	42	54	1.35		61.1	102.3	17.79	1.8	120	100	0.73	1/4	115/60/1	Daikin FCVS104	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-34	OMITTED																										
FC-35	OMITTED																										
FC-36	206	80	0.25	85.9	70.5	60.8	59.7	5.647	7.539	1.3	42	54	0.53		40.8	95.4	12.30	1.2	120	100	0.28	1/4	115/60/1	Daikin FCVS102	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-37	395	58	0.25	83.4	66.2	57.9	56.7	11.017	11.635	1.9	42	54	1.43		59.6	102.3	18.42	1.9	120	100	0.79	1/4	115/60/1	Daikin FCVS104	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-38	395	24	0.25	84	67	58.1	57.1	11.198	12.324	2.1	42	54	1.58		64.2	102.5	16.54	1.7	120	100	0.64	1/4	115/60/1	Daikin FCVS104	Vertical Floor Mount, Dual Temp Cooling/Heating		
FC-39	294	80	0.25	85.9	70.5	59	57.9	8.646	12.37	2.1	42	54	1.25		40.8	98.6	18.60	1.9	120	100	0.77	1/4	115/60/1	Daikin FCHH202	Horizontal, Dual Temp Cooling/Heating		
FC-40	1144	27	0	83	61	72.3	57.1	13.321	13.321	0.9	42	70.3	0.3		62.2	102.8	50.72	5.1	120	100	3.92	1/2	115/60/1	Daikin FCHH210	Horizontal, Dual Temp Cooling/Heating		
FC-41	345	27	0.25	83.4	61.4	59.4	56.8	9.037	9.037	1.6	42	54.4	1.95		52.6	94.6	15.84	1.7	120	100	0.82	1/4	115/60/1	Daikin FCHR204	Horizontal, Dual Temp, 30% Propylene Glycol		
FC-42	305	0	0.25	83.4	61.4	56.2	51.7	9.075	9.075	1.5	42	54	0.98		52.6	104.4	17.29	1.7	120	100	0.7	1/4	115/60/1	Daikin FCVC104	Horizontal, Dual Temp Cooling/Heating		

NOTES: Provide with dual temperature coil or DX coil and HW coil (see remarks), closed cell foam insulation, stainless steel drain pan, condensate overflow switch, disconnect switch, ECM fans, MERV-13 filters & serpentine freezestat. Provide floor mounted units with premium coating, 3.5" subbase, 16GA cabinet and leveling legs. Provide horizontal units with d

Subtotal Fan Coil Units

**Hydronic Air Handling Unit Schedule**

Tag	Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Cooling										Heating						Total HP	Elec	MFG/ Model	Remarks	Unit Price (Numerals)			
				EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Sens. Capacity (MBH)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)	WPD (ft. H2O)	EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	H2O Flow Rate (GPM)	EWT (Deg. F)	LWT (Deg. F)						WPD (ft. H2O)		
AHU-1	1280	534	0.65	84.20	69.4	51.1	50.9	46.3	72.7	9.9	43	57.6	3.5		44.4	112.4	95.2	7.1	120	93.1	1.9	2.5	460/3/60	Daikin OAH003GDCC			
AHU-2	OMITTED																										
AHU-3	6735	5000	0.55	87.90	73.7	53.8	53.6	251	450	75	43	55	7.4		27	107.7	594.5	50.1	120	96.3	3.4	8.8	460/3/60	Daikin OAH014GDCC			
AHU-4	6735	5000	0.55	87.90	73.7	53.8	53.6	251	450	75	43	55	7.4		27	107.7	594.5	50.1	120	96.3	3.4	8.8	460/3/60	Daikin OAH014GDCC			
AHU-5	6735	5000	0.55	87.90	73.7	53.8	53.6	251	450	75	43	55	7.4		27	107.7	594.5	50.1	120	96.3	3.4	8.8	460/3/60	Daikin OAH014GDCC			
AHU-6	4555	4290	0.55	88.90	69.5	54.8	54.1	170	221	34.2	43	56	4.3		14.7	103.3	441.3	40	120	97.9	4.8	5.0	460/3/60	Daikin OAH010GDCC			
AHU-14	5200	400	1.00	76.10	65.7	46.5	46.3	168.3	285.6	156.2	43	46.7	19.9														
	17000	17000														10	90.6	1,497	158	120	101	16.7	15.0	460/3/60	Daikin OAH035GDCC	Kitchen MAU	

NOTES: Provide with mixing box, dual temperature coil, ECM fan array, access section, double wall construction with R-13 injected foam insulation, pipe chase, ultra low leak dampers & serpentine free

**Subtotal Air Handling Units**

**Condensing Unit Schedule**

Tag	Matching Unit	Ambient Temp (deg F)	Nominal Capacity (tons)	S.T. (deg F)	Capacity Control	MCA	MOCP	Elec	MFG Model	Remarks	Unit Price (Numerals)
CU-UV-3	UV-3	95	3	45	Single Stage	-	-	-	Daikin		
CU-FC-8	FC-8	95	2	45	Single Stage	-	-	-	Envirotec		
CU-FC-9	FC-9	95	2	45	Single Stage	-	-	-	Envirotec		
CU-FC-10	FC-10	95	2	45	Single Stage	-	-	-	Envirotec		
CU-FC-11	FC-11	95	2	45	Single Stage	-	-	-	Envirotec		
CU-FC-12	FC-12	95	1	45	Single Stage	-	-	-	Envirotec		
CU-FC-14	FC-14	95	2	45	Single Stage	-	-	-	Envirotec		
CU-FC-31	FC-31	95	1	45	Single Stage	-	-	-	Envirotec		

NOTES: Provide with two stage compressor, copper tube/aluminum fin coil, brass liquid and suction service valves, high and low pressure switches, and factory-installed filter drier

**Subtotal Condensing Unit Schedule**

**Air Cooled Chiller Schedule**

Tag	Cooling										Elec	MFG Model	Remarks	Unit Price
	EWT	LWT	Nom GPM	WPD ft H2O	E.E.R.	OAT	CAP (Tons)	KW System	CKT (MCA)					
CH-1	54	42	500	10.4	10.53	89	250	285	470		460/3	Daikin AWW016B		
CH-2	54	42	500	10.4	10.53	89	250	285	470		460/3	Daikin AWW016B		

NOTES: Provide with single point power connection, variable speed compressors, variable speed condenser fans, 65 KA SCCR, microchannel condenser coils, low sound condenser fans, and acoustic compressor bl.

**Subtotal Air Cooled Chiller Schedule**

**Total Warner E.S.**

**Rooftop Unit Schedule**

**Heat Pump / Energy Recovery / Electric Backup**

Tag	CFM	Min OA	Total SP (in H2O)	Ext. SP (in H2O)	ERV - Cooling		Cooling Coil						ERV - Heating			Electric Heating			FLA	Elec	MFG Model	Remarks	Unit Price		
					CFM	EDB/EWB (deg F)	LDB/LWB (deg F)	EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Net Sens MBH	Total MBH	Eff. EER	CFM	EDB	LDB	EAT (deg F)						LAT (deg F)	KW
RTU-1	1,350	1,350	2.64	0.50	1350	95/75	81.9/67.3	81.9	67.33	51.8	51.2	42.2	63	-	1350	14	49.1	49.1	119	30	53.6	460/3	Daikin DPH06B	Art Gallery	

Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, modulating hot gas reheat, DX cooling, DX heating, modulating inverter type compressors, SCR control modulating electric resistance heat, total energy recovery wheel, suction & discharge refrigerant isolation valves, single point power connection, direct drive airfoil supply and return fan, copper tube/aluminum fin dx coil, aluminum microchannel hot gas reheat coil, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, return air relative humidity sensor, outdoor and return air enthalpy sensor, and 4" filter rack on both supply & exhaust airstreams. Provide 65 kA SCCR

**CHW cooling / Energy Recovery / Gas Heating**

Tag	CFM	Min OA	Total SP (in H2O)	Ext. SP (in H2O)	ERV - Cooling		Cooling Coil						ERV - Heating			Gas Heating				MCA	Elec	MFG Model	Remarks	Unit Price		
					CFM	EDB/EWB (deg F)	LDB/LWB (deg F)	EDB/EWB (deg F)	LDB/LWB (deg F)	Net Sens MBH	Total MBH	EWT / LWT (deg F)	Flow (GPM)	WPD (ft H2O)	CFM	EDB	LDB	EAT (deg F)	LAT (deg F)						MBH Input	MBH Output
RTU-2	20,000	15,000	5.20	1.50	15,000	95/78	80.7/69.5	80/67	53.9/53.5	570	830	42/52	175	10.2	15,000	10	51.7	55	111	1500	1215	58.8	460/3	Daikin DAHAC44	Auditorium	

Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, chilled water cooling coil, modulating gas furnace w/ min. 10:1 turndown, total energy recovery wheel, single point power connection, direct drive airfoil supply and return fan, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, return air relative humidity sensor, outdoor and return air enthalpy sensor, and 4" filter rack on both supply & exhaust airstreams. Provide 65 kA SCCR. CHW coil rated for 30% propylene glycol.

**DX Cooling / Gas Heating**

Tag	CFM	Min OA	Total SP (in H2O)	Ext. SP (in H2O)	Cooling Coil						Gas Heating				MCA	Elec	MFG Model	Remarks	Unit Price							
					EDB (deg F)	EWB (deg F)	LDB (deg F)	LWB (deg F)	Net Sens MBH	Total MBH	Eff. EER	EAT (deg F)	LAT (deg F)	MBH Input						MBH Output						
RTU-3	9,450	550	3.18	1.25				76	63	52.3	52.3	235	283	10.70				66	101.5	450	364.5	75	460/3	Daikin DPSC25B	Stage	
RTU-4	9,450	550	3.18	1.25				76	63	52.3	52.3	235	283	10.70				66	101.5	450	364.5	75	460/3	Daikin DPSC25B	Stage	

Provide all units with double wall construction, 1" injected foam insulation, 0-100% economizer with enthalpy control, modulating hot gas reheat, DX cooling, modulating inverter type compressors, modulating gas furnace w/ 10:1 turndown, suction & discharge refrigerant isolation valves, single point power connection, direct drive airfoil supply and return fan, copper tube/aluminum fin dx coil, aluminum microchannel hot gas reheat coil, factory installed variable frequency drives on supply & return air fans, BACnet controls, supply, outside & return air temperature sensors, building static pressure sensor, airflow monitoring station, return air relative humidity sensor, outdoor and return air enthalpy sensor, and 4" filter rack on both supply & exhaust airstreams. Provide 65 kA SCCR

**Subtotal Rooftop Unit Schedule**

**Heat Only Blower Coil Schedule**

Tag	Airflow (CFM)	Min O/A (CFM)	Ext. SP (in H2O)	Heating										HP	Elec	MFG Model	Remarks	Unit Price
				EAT (Deg F)	LAT (Deg F)	Tot. Capacity (MBH)	Flow Rate (GPM)	EWT (20°F ΔT)	WPD (ft H2O)	NPLV	OAT	CAP (Tons)	KW System					
BC-21	3,160	0	1.00	60.00	120.00	172.30	17.00	120.00	15	0.950	208/60/1	Daikin BCHD0161						

**Subtotal Heat Only Blower Coils**

**Water Cooled Chiller Schedule**

Tag	Evaporator				Condenser				System				MCA	Elec	MFG Model	Remarks	Unit Price
	EWT (Deg F)	LWT (Deg F)	Nom GPM	WPD ft H2O	EWT (Deg F)	LWT (Deg F)	Nom GPM	WPD (ft H2O)	NPLV	OAT	CAP (Tons)	KW System					
CH-1	52	42	1016	22	85	95	1203	17	0.3631	91	425	251.4	433	460/3/60	Daikin WME092CSCSNA		

Provide with VFD / inlet guide vane capacity control, single point power connection, and 3/4" insulation

**Subtotal Water Cooled Chiller Schedule**

**Pool Dehumidification Unit Schedule**

Tag	Space Conditions					Reheat Capacity (MBH)	Evaporator Capacity (TMBH)	Supply Fan					Return Fan					Aux. Space Heater Coil		MCA	Elec	MFG Model	Remarks	Unit Price
	Air Temp	Air RH	Water Temp	OA CFM	Dehum Load			CFM	ESP (in. W.C.)	Volts	HP	FLA	CFM	ESP (in. W.C.)	Volts	HP	FLA	Input (MBH)	Output (MBH)					
HRU-1	82	60	80.00	3000.00	118.00	353	282	9000	2	460/3	15	19.1	3450	0	460/3	3.2	3.4	500	400	69	460/60/3	A4FT2902G2E5BF0H		

1. Provide indoor units with minimum 6" base rails and concrete housekeeping pad.

**Subtotal Pool Dehumidification Unit Schedule**

**Total Wilmington Campus:**