

## ADDENDUM



**To:** Baird Sampson Neuert  
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**Fax/Email:** amacecek@bsnarchitects.com  
**Attention:** Andrea Macecek  
**From:** Lucas Turrin  
**No.:** M1  
**Date:** 12/12/2024  
**Project:** UTM PEB  
**Project No.:** 2023-0059

This Addendum shall be attached to the drawings and specifications and shall form an integral part of the Contract Documents. The contents of this Addendum shall be brought to the attention of all concerned.

1. **Referenced: M-800 – MECHANICAL SCHEDULES**
  - 1.1. Revised electric heater schedule equipment “BBH-1”. Revised length and capacity of electric baseboard heater.

End of Addendum



VARIABLE REFRIGERANT FLOW (VRF) SCHEDULE																														
INDOOR UNITS													OUTDOOR UNITS											BRANCH SELECTOR BOX	ELEC. (V/PH/Hz)	MCA (A)	RERIGERANT	EMERGENCY POWER	REMARKS	
TAG	LOCATION	MANUFACTURER	MODEL No.	FLOW RATE (L/S)	ESP (Pa)	COOLING CAPACITY (MBH)		HEATING CAPACITY (MBH)	MCA (A)	MOCP (A)	ELEC. (V/PH/Hz)	WEIGHT (KG)	FILTER	TAG	MANUFACTU RER	MODEL No.	AMBIENT TEMPERATURE (°C)	COOLING CAPACITY (MBH)	AMBIENT TEMPERATURE (°C)	HEATING CAPACITY (MBH)	ELEC. (V/PH/Hz)	MCA (A)	MOP (A)							WEIGHT (KG)
						TOTAL	SENSIBLE																							
FC-1	OFFICE 109	DAIKIN	FXSQ09TBVJU	150	0.3	8.5	6.1	10.0	1.8	15	208/1/60	35.1	MERV 13	CU-1	DAIKIN	REYQ96AATJA	35	78.3	8.3	93.0	208/3/60	34.1	35	325	BSF6Q54TVJ	208/1/60	0.6	R-410A	N	BACNET, VIBRATION ISOLATION HANGERS
FC-2	FORENSIC TEACHING CLASSROOM 104	DAIKIN	FXSQ18TBVJU	300	0.3	15.7	12.0	19.3	1.9	15	208/1/60	35.1	MERV 13															R-410A	N	BACNET, VIBRATION ISOLATION HANGERS
FC-3	FORENSIC TEACHING CLASSROOM 104	DAIKIN	FXSQ18TBVJU	300	0.3	15.7	12.0	19.3	1.9	15	208/1/60	35.1	MERV 13															R-410A	N	BACNET, VIBRATION ISOLATION HANGERS
FC-4	FORENSIC GARAGE 105	DAIKIN	FXSQ12TBVJU	160	0.3	10.5	8.4	13.2	1.8	15	208/1/60	35.1	MERV 13						R-410A	N								BACNET, VIBRATION ISOLATION HANGERS		
FC-5	TEACHING LAB 108	DAIKIN	FXSQ15TBVJU	250	0.3	13.1	10.0	16.4	1.8	15	208/1/60	35.1	MERV 13						R-410A	N								BACNET, VIBRATION ISOLATION HANGERS		
FC-6	LOUNGE 103	DAIKIN	FXSQ24TBVJU	350	0.3	21.1	15.2	26.0	1.9	15	208/1/60	37.5	MERV 13						R-410A	N								BACNET, VIBRATION ISOLATION HANGERS		
FC-7	AV. GRAD OFFICE 110	DAIKIN	FXSQ12TBVJU	160	0.3	10.5	8.4	13.2	1.8	15	208/1/60	35.1	MERV 13	CU-2	DAIKIN	REYQ96AATJA	35	76.4	8.3	92.0	208/3/60	34.1	35	325	BSF6Q54TVJ	208/1/60	0.6	R-410A	N	BACNET, VIBRATION ISOLATION HANGERS
FC-8	FLEX OFFICE 112	DAIKIN	FXSQ12TBVJU	160	0.3	10.5	8.4	13.2	1.8	15	208/1/60	35.1	MERV 13															R-410A	N	BACNET, VIBRATION ISOLATION HANGERS
FC-9	MULTIPURPOSE SPACE 114	DAIKIN	FXSQ24TBVJU	350	0.3	21.1	15.2	26.0	1.9	15	208/1/60	37.5	MERV 13															R-410A	N	BACNET, VIBRATION ISOLATION HANGERS
FC-10	DRONE RESEARCH LAB 115	DAIKIN	FXSQ30TBVJU	515	0.3	26.4	19.8	32.7	3.0	15	208/1/60	46.1	MERV 13						R-410A	N								BACNET, VIBRATION ISOLATION HANGERS		
FC-11	AV GARAGE 111	DAIKIN	FXSQ12TBVJU	160	0.3	10.5	8.4	13.2	1.8	15	208/1/60	35.1	MERV 13						R-410A	N								BACNET, VIBRATION ISOLATION HANGERS		
FC-12	FLEX GARAGE 113	DAIKIN	FXSQ12TBVJU	160	0.3	10.5	8.4	13.2	1.8	15	208/1/60	35.1	MERV 13						R-410A	N								BACNET, VIBRATION ISOLATION HANGERS		
NOTES: PROVIDE INDIVIDUAL POWER CONNECTIONS FOR EACH INDOOR AND OUTDOOR UNIT. APPROVED ALTERNATES: LG, MITS, YORK (JOI)																														

TAG	MANUFACTURER	MODEL No.	INLET SIZE (MM)	FLOW (L/S)		REMARKS
				DESIGN MIN	DESIGN MAX	
VAV-1	EH PRICE	SDV-8000	100	10	20	CONNECT TO BAS
VAV-2	EH PRICE	SDV-8000	200	80	245	CONNECT TO BAS
VAV-4	EH PRICE	SDV-8000	100	10	30	CONNECT TO BAS
VAV-5	EH PRICE	SDV-8000	150	40	125	CONNECT TO BAS
VAV-6	EH PRICE	SDV-8000	100	15	45	CONNECT TO BAS
VAV-7	EH PRICE	SDV-8000	100	15	45	CONNECT TO BAS
VAV-8	EH PRICE	SDV-8000	100	15	45	CONNECT TO BAS
VAV-9	EH PRICE	SDV-8000	150	40	125	CONNECT TO BAS
VAV-10	EH PRICE	SDV-8000	150	30	90	CONNECT TO BAS
VAV-11	EH PRICE	SDV-8000	100	15	40	CONNECT TO BAS
VAV-12	EH PRICE	SDV-8000	100	15	40	CONNECT TO BAS
VAV-13	EH PRICE	SDV-8000	100	10	20	CONNECT TO BAS
NOTES:						

DI-1

PROVIDE MILLI-DI SYSTEM, RESISTIVITY > 1 M  $\Omega$  CM, @ 25°C, FLOW RATE 0.5 L/MIN TO 0.7 L/MIN, BATTERY POWERED. FOR FAUCET REFER TO ARCHITECTURAL SPECIFICATIONS

APPROVED ALTERNATE: THERMAL SCIENTIFIC "B-PURE WATER PURIFICATION SYSTEM"

TAG	MANUFACTURER	MODEL No.	ARRANGEMENT	HEATING CAPACITY (kW)	ELEC (V/PH/Hz)	LENGTH (INCHES)	REMARKS
GFH-1	QUELLET	QACP200B	CEILING FAN HEATER	2	208/1/60	-	REMOTE THERMOSTAT, CONTROL RELAY
BBH-1	RUNTAL	EB3-208D	BASEBOARD HEATER	0.879	208/1/60	72	LINE VOLTAGE WALL THERMOSTAT, <u>SEPARATE PRICE</u>
EDH-1	GREENHECK	IDME	DUCT HEATER	12	208/3/60	-	SOP CONTROL, AIRFLOW SWITCH, DUCT THERMOSTAT, SIZE TO MATCH DUCT SIZE

NOTES:

EXPANSION TANK SCHEDULE														
TAG	SERVICE	LOCATION	MANUFACTURER	MODEL No.	ACCEPTANCE VOLUME (L)	TEMPERATURE (°C)		PRE-CHARGED PRESSURE (kPa)	FLUID	DIMENSIONS (MM)		PRESSURE RATING (kPa)	WEIGHT (KG)	REMARKS
						MIN	MAX			D	H			
ET-1	DOMESTIC COLD WATER	M&E ROOM 121	WATTS	PLT-20	27	4.44	26.6	140	WATER	320	500	1034	7	BLADDER TANK
ET-2	DOMESTIC HOT WATER	M&E ROOM 201	WATTS	PLT-5	5.6	4.44	26.6	140	WATER	200	325	1034	3	BLADDER TANK
NOTES:														

ELECTRIC UNIT HEATER SCHEDULE								
TAG	MANUFACTURER	MODEL No.	HEATER SPECIFICATIONS					REMARKS
			AIR FLOW (CFM)	CAPACITY (kW)	MOTOR (HP)	ELEC. (V/PH/Hz)	WEIGHT (KG)	
UH-1	OUELLET	OAS10008AM	700	10	1/30	208/1/60	20	24V RELAY FOR REMOTE THERMOSTAT
UH-2	OUELLET	OAS05008AM	700	5	1/30	208/1/60	20	24V RELAY FOR REMOTE THERMOSTAT
NOTES:								

TAG	FAN TYPE CLASS	MANUFACTURER	MODEL No.	AIR FLOW (L/S)	FAN SPEED (RPM)	ESP (Pa)	MOTOR SIZE (HP)	ELEC. (V/PH/Hz)	VFD/ STARTER	WEIGHT (KG)	EMERGENCY OR NORMAL POWER	LOCAL OR BAS CONTROL	MAXIMUM FAN SOUND POWER LEVEL OF SPECIFIED EQUIPMENT MAX. PWL IN DB RE 10W*(-12)								REMARKS	
													ACTIVE BAND INLET SOUND POWER LABEL									
													63	125	250	500	1000	2000	4000	8000		
SF-1	IN-LINE	PENNBARRY	SQX122-0541GP	400	1684	100	0.5	120/1/60		35	N		73	71	72	66	64	71	62	56	VIBRATION ISOLATION HANGERS, INTERLOCKED WITH FUME HOOD EXHAUST	
NOTES:																						

SCALE : N.T.S.	SHEET NO.
DATE : FEB 2024	
PROJECT NO : 2023-0059	
DRAWN BY : LT	
CHECKED BY : MS	

## M800