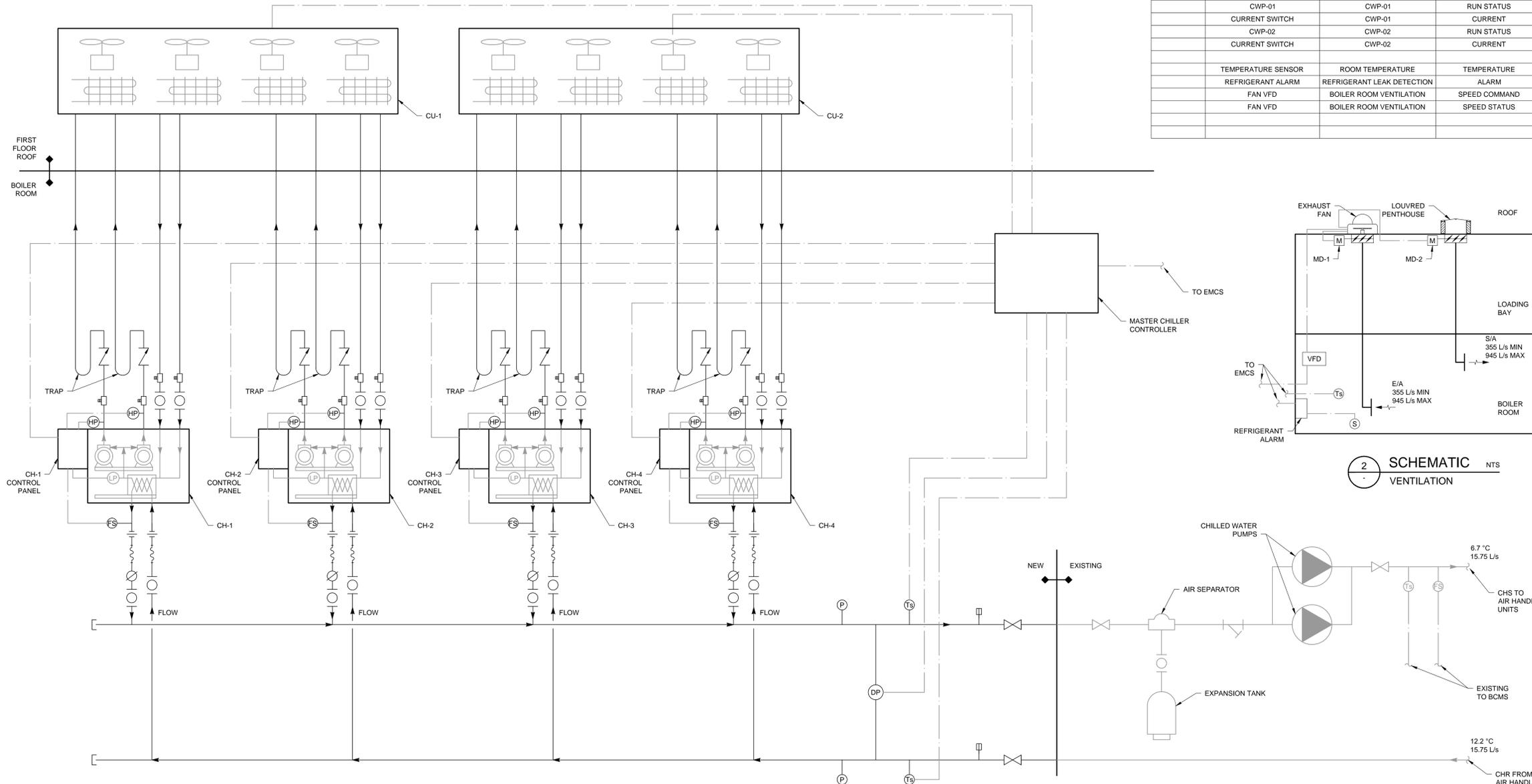


FAN AND DAMPER SCHEDULE											
TAG	DESCRIPTION	LOCATION	TYPE	FLOW (L/s)	ESP (Pa)	FAN RPM	hp	V/Hz/Φ	DRIVE	MOTOR RPM	NOTES
EF-21	EXHAUST FAN	FIRST FLOOR ROOF	ROOF CENTRIFUGAL	945	187	1394	3/4	575/60/3	BELT	1725	355 L/s AT LOW SPEED, INVERTER DUTY MOTOR C/W VFD, WEATHER PROOF DISCONNECT AND CURB HINGE KIT WITH CABLES
MD-1	EXHAUST DAMPER	FIRST FLOOR ROOF	INSULATED	945	-	-	-	-	-	-	C/W MODULATING ACTUATOR, SIZE TO SUIT EF-21 DUCT CONNECTION
MD-2	INTAKE DAMPER	FIRST FLOOR ROOF	INSULATED	945	-	-	-	-	-	-	C/W TWO POSITION ACTUATOR, 400x400

REFRIGERATION SCHEDULE							
TAG	DESCRIPTION	LOCATION	TYPE	COOLING	ELECTRICAL		NOTES
				NOMINAL CAPACITY (kW)	MIN. CIRCUIT AMPACITY	V/Hz/Φ	
CU-1	CONDENSING UNIT	FIRST FLOOR ROOF	AIR COOLED	509	14.7	575/3/60	MAXIMUM 76.5 dB @ 915 mm. C/W WEATHER PROOF DISCONNECT
CU-2	CONDENSING UNIT	FIRST FLOOR ROOF	AIR COOLED	509	14.7	575/3/60	MAXIMUM 76.5 dB @ 915 mm. C/W WEATHER PROOF DISCONNECT
CH-1	CHILLER MODULE	BOILER ROOM	SCROLL, REMOTE CONDENSER	127	67.5	575/3/60	VARIABLE SPEED ON LEAD COMPRESSOR. C/W 100 AMP MAX FUSE OR BREAKER AND LOCAL CONTROLLER
CH-2	CHILLER MODULE	BOILER ROOM	SCROLL, REMOTE CONDENSER	127	67.5	575/3/60	C/W 90 AMP MAX FUSE OR BREAKER AND LOCAL CONTROLLER
CH-3	CHILLER MODULE	BOILER ROOM	SCROLL, REMOTE CONDENSER	127	67.5	575/3/60	C/W 90 AMP MAX FUSE OR BREAKER AND LOCAL CONTROLLER
CH-4	CHILLER MODULE	BOILER ROOM	SCROLL, REMOTE CONDENSER	127	67.5	575/3/60	C/W 90 AMP MAX FUSE OR BREAKER AND LOCAL CONTROLLER

EMCS I/O LIST					
NAME	SOURCE/DESTINATION	EQUIPMENT/SYSTEM	SIGNAL	TYPE	NOTE
	MASTER CONTROLLER	CHILLED WATER	PERMISSIVE START	DO	
	MASTER CONTROLLER	CHILLED WATER	TEMPERATURE	AO	
	MASTER CONTROLLER	CH-01	SPEED	AI	
	MASTER CONTROLLER	CH-01	RUN STATUS	DI	
	MASTER CONTROLLER	CH-02	RUN STATUS	DI	
	MASTER CONTROLLER	CH-03	RUN STATUS	DI	
	MASTER CONTROLLER	CH-04	RUN STATUS	DI	
	MASTER CONTROLLER	CH-01	FAULT ALARM	DI	
	MASTER CONTROLLER	CH-02	FAULT ALARM	DI	
	MASTER CONTROLLER	CH-03	FAULT ALARM	DI	
	MASTER CONTROLLER	CH-04	FAULT ALARM	DI	
	MASTER CONTROLLER	CU-01 FAN 1	RUN STATUS	DI	
	MASTER CONTROLLER	CU-01 FAN 2	RUN STATUS	DI	
	MASTER CONTROLLER	CU-01 FAN 3	RUN STATUS	DI	
	MASTER CONTROLLER	CU-01 FAN 4	RUN STATUS	DI	
	MASTER CONTROLLER	CU-02 FAN 1	RUN STATUS	DI	
	MASTER CONTROLLER	CU-02 FAN 2	RUN STATUS	DI	
	MASTER CONTROLLER	CU-02 FAN 3	RUN STATUS	DI	
	MASTER CONTROLLER	CU-02 FAN 4	RUN STATUS	DI	
	TEMPERATURE SENSOR	CHILLED WATER	SUPPLY TEMPERATURE	AI	EXISTING
	MASTER CONTROLLER	CHILLED WATER	SUPPLY TEMPERATURE	AI	
	MASTER CONTROLLER	CHILLED WATER	RETURN TEMPERATURE	AI	
	MASTER CONTROLLER	REFRIGERANT	ALARM	DI	
	PRESSURE SWITCH	CH-01 REFRIGERANT LOOP 1	LOW PRESURE	DI	
	PRESSURE SWITCH	CH-01 REFRIGERANT LOOP 2	LOW PRESURE	DI	
	PRESSURE SWITCH	CH-02 REFRIGERANT LOOP 1	LOW PRESURE	DI	
	PRESSURE SWITCH	CH-02 REFRIGERANT LOOP 2	LOW PRESURE	DI	
	PRESSURE SWITCH	CH-03 REFRIGERANT LOOP 1	LOW PRESURE	DI	
	PRESSURE SWITCH	CH-03 REFRIGERANT LOOP 2	LOW PRESURE	DI	
	PRESSURE SWITCH	CH-04 REFRIGERANT LOOP 1	LOW PRESURE	DI	
	PRESSURE SWITCH	CH-04 REFRIGERANT LOOP 2	LOW PRESURE	DI	
	CWP-01	CWP-01	RUN COMMAND	DO	EXISTING
	CWP-02	CWP-02	RUN COMMAND	DO	EXISTING
	CWP-01	CWP-01	RUN STATUS	DI	EXISTING
	CURRENT SWITCH	CWP-01	CURRENT	DI	EXISTING
	CWP-02	CWP-02	RUN STATUS	DI	EXISTING
	CURRENT SWITCH	CWP-02	CURRENT	DI	EXISTING
	TEMPERATURE SENSOR	ROOM TEMPERATURE	TEMPERATURE	AI	
	REFRIGERANT ALARM	REFRIGERANT LEAK DETECTION	ALARM	DI	
	FAN VFD	BOILER ROOM VENTILATION	SPEED COMMAND	AO	
	FAN VFD	BOILER ROOM VENTILATION	SPEED STATUS	AI	



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REVISIONS	DESCRIPTION	DATE

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 conceu par

drawn by K. ERKER
 dessiné par

approved by M. AKISTER
 approuvé par

PWSC Project Manager DAVE CHERKEWICH
 Administrateur de Projets TPSCG

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