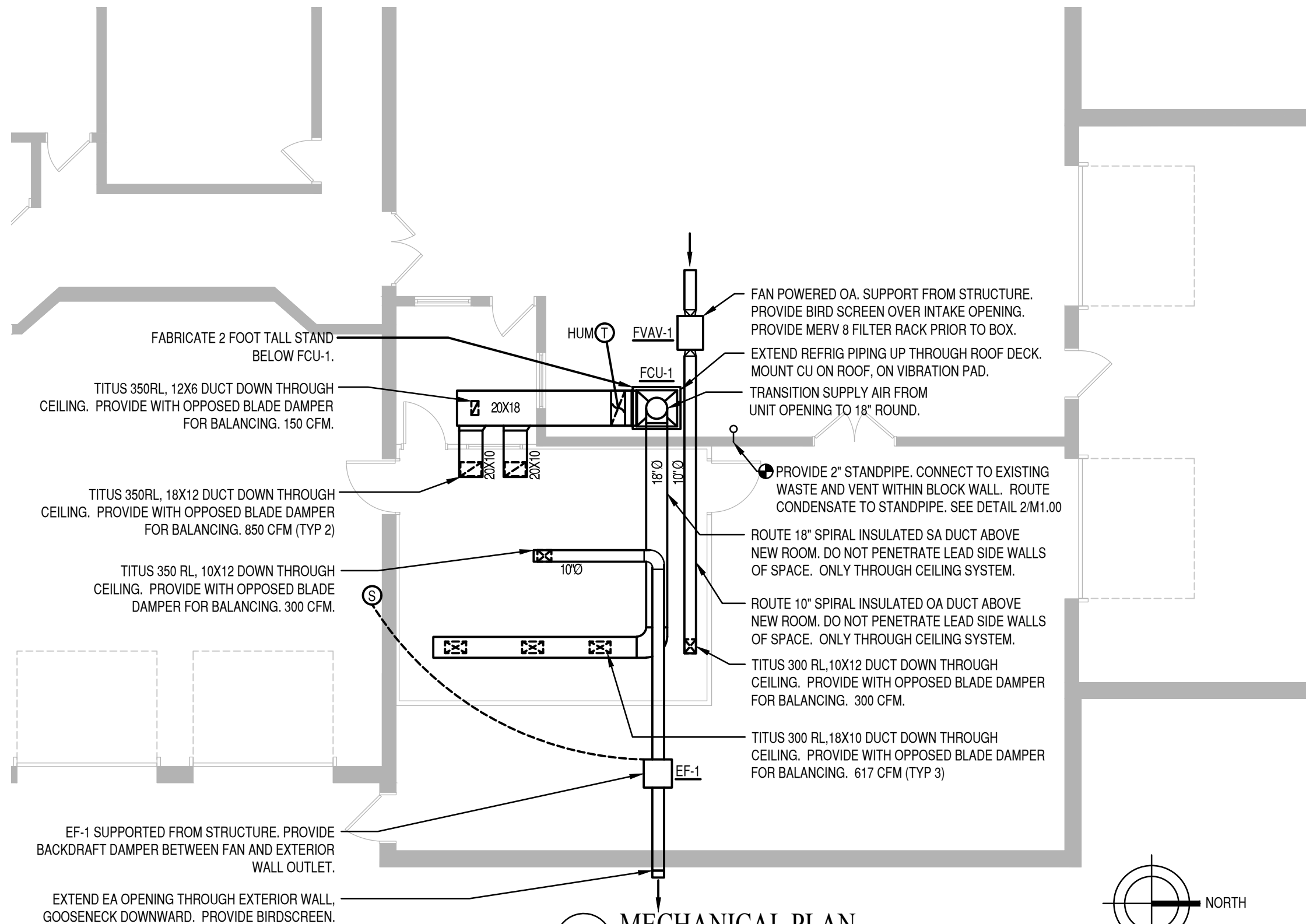
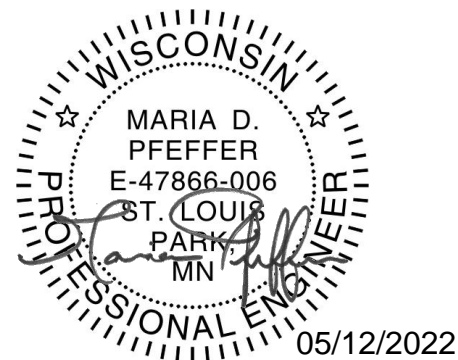


2 **STANDPIPE**
M1.00 SCALE



1 **MECHANICAL PLAN**
M1.00 1/8"=1'-0"



Description:	

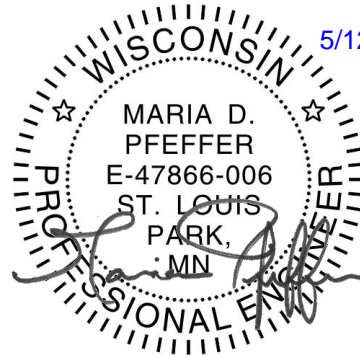
KFI ENGINEERS
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ST. CROIX COUNTY MEDICAL EXAMINER
CT ROOM
HVAC PLANS

Checked By:	MDP
Drawn By:	MDP
Dwg. Scale:	SCALE

Project No.:	21-0504
Date:	5/12/2022
Sheet Size:	11x17

Sheet No.: 1 of 2
M1.00



5/12/2022

FAN SCHEDULE OWNER FURNISHED, CONTRACTOR INSTALLED

GENERAL					MECHANICAL						WEIGHT	ELECTRICAL		NOTES
EQUIP NO.	LOCATION	SERVES	MANUF.	MODEL	CFM	ESP	RPM	TYPE	DRIVE	INLET dBA	LBS	HP	V/PH/HZ	
EF-1	INLINE COLD STORAGE	CT ROOM	COOK	SQN-D	300	0.25	1050	INLINE	DIRECT	51	85	1/6	144W	ALL

- NOTES:**
1. ALL ALUMINUM CONSTRUCTION
 2. BIRD SCREEN AT EXTERIOR OPENING.
 3. W/ NEMA 1 PREWIRED DISCONNECT
 4. UL LISTED
 5. INLET AND OUTLET FLANGES
 6. W/ ACCESS DOOR
 7. PROVIDED W/ GRAVITY BACKDRAFT DAMPER
 8. HANGING VIBRATION ISOLATORS & BRACKETS
 9. PROVIDE WITH FAN SPEED CONTROLLER, 5A, 120V REWIRED
 10. INSULATED HOUSING
 11. SUPPORT FROM THE STRUCTURE ABOVE.
 12. PROVIDE WITH REMOTE TIMER, BUTTON OPERATED. FOR PURGE USE ONLY.

FAN POWERED VAV BOX SCHEDULE OWNER FURNISHED, CONTRACTOR INSTALLED

EQUIP NO.	SERVES	MANUF	MODEL NO.	SIZE	PRIMARY AIR CFM		FAN			HEATING COIL (ELECTRIC)					WEIGHT	NOTES		
					HEATING MAX	MIN	CFM	ESP (IN W.C.)	V/PH/HZ	CFM	MBH	EAT	LAT	MOTOR FLA			MOTOR HP	CIRCUIT BREAKER
FVAV-1	CT ROOM OA	THERMOLEC	FER-8-6-240/1	8"	300	0	300	0.5	240/1/60	300	20.5	20 F	80 F	0.7	1/10	40AMP	70	ALL

- NOTES:**
1. PROVIDE ALUMINIM MESS WASHABLE FILTER
 2. PROVIDE WITH INTEGRATED BACKDRAFT DAMPER
 3. PROVIDE WITH VARIABLE SPEED CONTROLLER

DATA AIRE UNIT (FAN AND CONDENSING UNIT) OWNER FURNISHED, CONTRACTOR INSTALLED

GENERAL					MECHANICAL								HEATING			HUMIDIFIER		ELECTRICAL		NOTES		
EQUIP NO.	LOCATION	SERVES	MANUF	MODEL NO.	CONTROL STEPS	TOTAL TON	SUCTION TEMP (F)	AMB. TEMP (F)	REFRIG. TYPE	COMPRESSORS NO.	FLA	SOUND DBA	COND. FANS NO.	KW	TYPE	CAP MBH	POWER KW	STEAM LBS/HR	POWER KW		MCA / MOP	VOLTAGE & PHASE
FCU-1	STORAGE AND ROOF	AHU-1	DATA AIR	GTAU-01832	1 - STAGE	5	45	95	R410A	1	17.3	74	1	1	ELECTRIC	36.5	10.7	10	3.4	66.4 / 70	208/3/60	ALL

- NOTES:**
1. UPFLOW AIR ORIENTATION
 2. WITH HOT GAS BYPASS (3 PIPES)
 3. REAR SINGLE RETURN OPENING
 4. 10 LBS/HR STEAM HUMIDIFIER
 5. PROVIDE WITH VIBRATION ISOLATION PADS
 6. 12KW ELECTRIC HEATING COIL, 208V
 7. PROVIDE WITH DAP4 TOUCH DISPLAY
 8. PROVIDE WITH THERMOSTAT AND HUMIDISTAT

Description: SCHEDULES	670 County Road B West St. Paul, Minnesota 55113 Tel: (651) 771-0880 Fax: (651) 771-0878 Email: kfi@kfi-eng.com	ST. CROIX COUNTY MEDICAL EXAMINER CT ROOM HVAC PLANS	Checked By: <u>MDP</u>	Project No.: <u>21-0504</u>	Sheet No.: <u>2</u> of <u>2</u>
			Drawn By: <u>MDP</u>	Date: <u>5/12/2022</u>	M2.00
			Dwg. Scale: <u>NONE</u>	Sheet Size: <u>11x17</u>	