



**ELECTRICAL AND MECHANICAL NOTES:**

- EXHAUST FAN (EF-1) TO BE SIDE WALL CENTRIFUGAL TYPE, c/w NEMA-4X DISCONNECT SWITCH, 120V MOTORIZED DAMPER, ALUMINUM HOUSING, ALUMINUM B.I. WHEEL, ALUMINUM BIRD SCREEN. ALL INTERIOR STEEL COMPONENTS (INCLUDING DAMPERS) TO BE COMPLETE WITH CORROSION RESISTANT COATING. FAN AIR FLOW-354 L/S AT 0.375" H O STATIC PRESSURE. DIRECT DRIVE, 120V 1/8 HP MOTOR. FAN TO BE SIMILAR TO GREENHECK MODEL CW-09S. FOR FAN CONTROL DETAIL REFERENCE DETAIL 3, DRAWING E5. SUBMIT EXHAUST FAN AND RELATED COMPONENTS SHOP DRAWING FOR REVIEW.
- ALL NEW DUCTWORK (INCLUDING WEATHER HOOD) TO BE ALUMINUM CONSTRUCTION, MINIMUM 16 GA. CONSTRUCTION FOR THE WEATHER HOOD.
- FRESH AIR DAMPER TO BE ALUMINUM CONSTRUCTION c/w 120V ACTUATOR.
- FRESH AIR DAMPER AND EXHAUST FAN OPERATION CONTROL BY REVERSE ACTING THERMOSTAT.
- CONFIRM EXACT LOCATION OF METER BASE WITH NSPI BEFORE INSTALLATION.
- PROVIDE 2/12 AWG + #12 BOND IN 21mm FROM THE BASEBOARD HEATER TO THE THERMOSTAT.
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS NOTED OTHERWISE.

1		ISSUED FOR TENDER	07 OCT 2020
revisions			date
project	SEARCH AND RESCUE STATION EMERGENCY POWER ADDITION		project
LOUISBOURG, NS.			
drawing	ELECTRICAL BUILDING MECHANICAL AND ELECTRICAL LAYOUTS		design
designed	H. BATTIKH	conçu	
date	AUGUST 2020	dessiné	
drawn	K. WOLFE	date	AUGUST 2020
approved	H. BATTIKH	approuvé	
date		no. du projet	R.102094.001
Tender	PWSC Project Manager		Administrateur de projets TPSC
project number	no. du projet		
drawing no.	no. du dessin		E5