

**GENERATOR BUILDING HVAC PLAN**

SCALE: 1/8" = 1'-0"



**KEYED NOTES:**

- 1 PROVIDE INSULATED BACKING ON ALL THERMOSTATS MOUNTED ON EXTERIOR WALLS.
- 2 MOUNT ELECTRIC RADIANT HEATER AT AN OPTIMUM ANGLE TO MAXIMIZE HEATING THE FLOOR AREA.
- 3 ROUTE 20" Ø VENT UP TO 3' ABOVE ROOF AND TERMINATE WITH MANUFACTURER'S STANDARD VENT CAP. SEE DETAIL ON SHEET M-9503.
- 4 FUTURE VENT PIPE AND VENT SILENCER TO BE INSTALLED WHEN ASSOCIATED GENERATOR IS INSTALLED.
- 5 PROVIDE BELLMOUTH FITTING AND HARDWARE CLOTH AT OPENING. MAINTAIN DUCT OPENING AS CLOSE TO ROOF STRUCTURE AS POSSIBLE. MAINTAIN SUFFICIENT SPACE BETWEEN EXHAUST FAN OPENING AND GENERATOR VENT PIPE TO ALLOW FOR PROPER AIRFLOW.

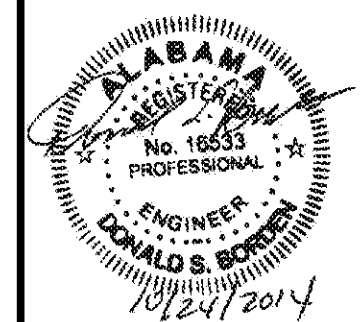
**GENERAL NOTES:**

- 1. SEE ARCHITECTURAL ELEVATIONS FOR LOUVER AND EXHAUST FAN PLACEMENT.
- 2. ALL INTAKE LOUVERS SHALL BE PROVIDED WITH LOW-LEAKAGE MOTORIZED DAMPERS.
- 3. VENTS AND ASSOCIATED SILENCERS SHOWN ON PLAN ARE SIZED FOR USE WITH CATERPILLAR 2055 EKW GAS GENERATOR WITH DM8650 ENGINE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING CORRECT MODELS AND SIZES OF THESE ITEMS FOR INSTALLED GENERATOR ENGINE.
- 4. PROVIDE CALCIUM SILICATE INSULATION RATED FOR 1200 °F TO ALL COMPONENTS OF THE GENERATOR VENT SYSTEMS. SEE SPECIFICATIONS.



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**BID SET**



BY	DESCRIPTION	MARK	DATE

HUNTSVILLE UTILITIES  
SOUTHEAST WATER TREATMENT PLANT  
**GENERATOR BUILDING  
HVAC PLAN**

Project No.:	200-11740-10003
Designed By:	SBR
Drawn By:	MEL
Checked By:	DSB

**M-8101**

