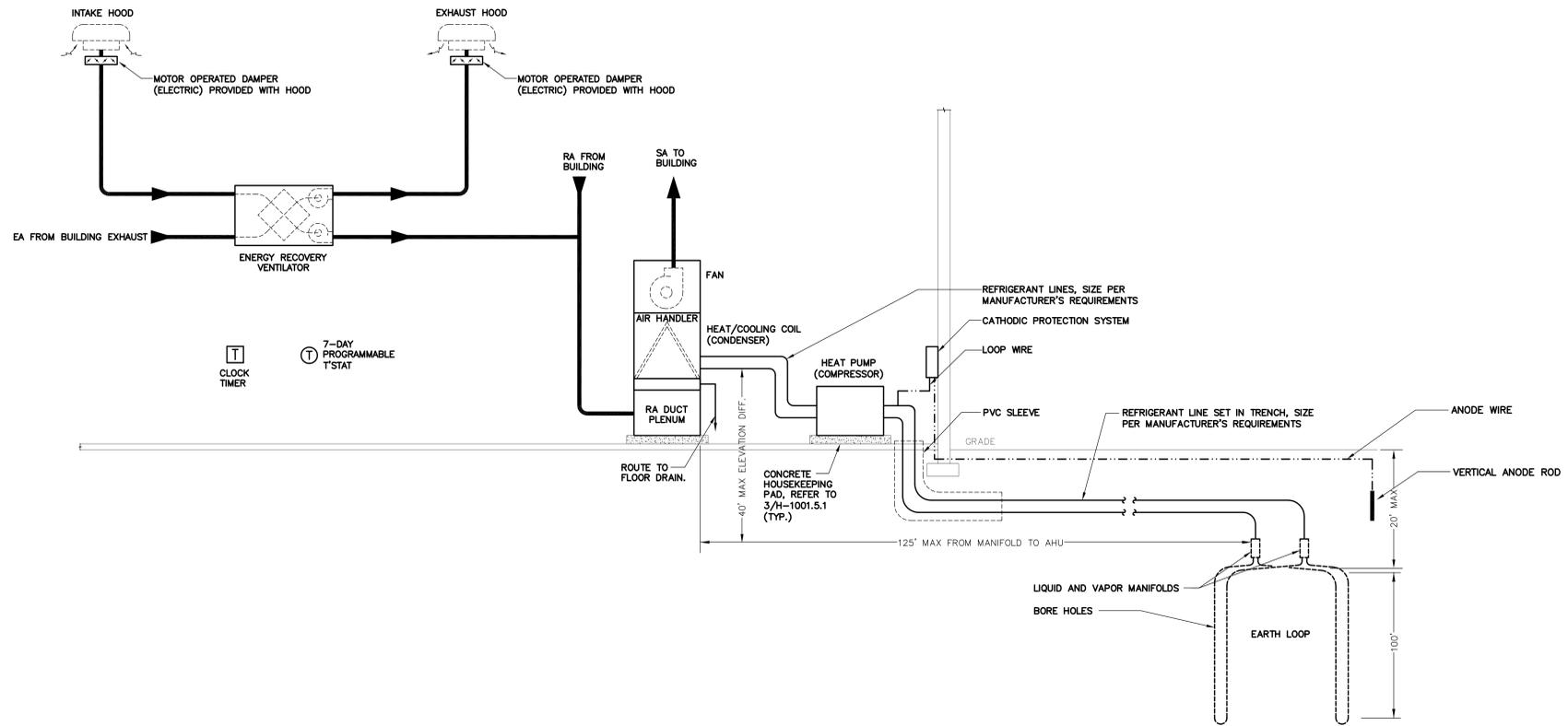


GENERAL CONTROL NOTES

- CONTROL DIAGRAMS ARE SCHEMATIC IN NATURE AND DO NOT SHOW ALL REQUIRED CONTROL DEVICES AND COMPONENTS.
- ALL WIRING, CONTROL COMPONENTS, DEVICES AND PROGRAMMING SHOWN ON THESE CONTROL DRAWINGS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL ACTUATORS SHALL BE OF THE ELECTRICAL TYPE FOR THIS PROJECT (NO PNEUMATIC ACTUATORS ALLOWED).
- ALL CONTROL COMPONENTS SUCH AS RELAYS, SWITCHES, ETC. SHALL BE MOUNTED IN STEEL ENCLOSURES WITH STEEL MOUNTING BACKPLATES.
- MECHANICAL CONTRACTOR SHALL PROVIDE ALL WIRING, CONDUIT, TRANSFORMERS, FUSING AND ALL OTHER ELECTRICAL COMPONENTS REQUIRED FOR COMPLETE INSTALLATION.
- ALL CONTROL WIRING SHALL BE INSTALLED IN CONDUIT.



1 ADMINISTRATION BUILDING HVAC FLOW DIAGRAM/CONTROL SEQUENCE
NO SCALE

SEQUENCE OF OPERATION	
GENERAL:	
<ul style="list-style-type: none"> AIR HANDLING UNIT/HEAT PUMP UNIT SHALL BE CONTROLLED AND OPERATED BY A 7-DAY PROGRAMMABLE THERMOSTAT. ENERGY RECOVERY VENTILATOR SHALL BE INDEXED TO RUN BY A CLOCK TIMER. WHEN INDEXED TO RUN/STOP THE DAMPERS SHALL OPEN/CLOSE AND FANS SHALL START/STOP. REFER TO OCCUPANCY SCHEDULE BELOW. 	
OCCUPIED: 6AM - 6PM (ADJ.)	
<ul style="list-style-type: none"> AHU FAN SHALL RUN CONTINUOUSLY WHILE UNIT CYCLES HEATING OR COOLING TO MAINTAIN A SPACE SET POINT OF 75°F (ADJ.) ENERGY RECOVER VENTILATOR DAMPERS SHALL OPEN AND FANS SHALL RUN CONTINUOUSLY. 	
UNOCCUPIED: 6PM - 6AM (ADJ.)	
<ul style="list-style-type: none"> AHU SHALL CYCLE FAN AND HEATING OR COOLING COILS TO MAINTAIN A SPACE SET POINT OF 65°F (ADJ.) IN HEATING MODE AND 80°F (ADJ.) IN COOLING MODE ENERGY RECOVER VENTILATOR SHALL BE DISABLED, DAMPERS SHALL BE CLOSED. 	
EMERGENCY HEAT:	
<ul style="list-style-type: none"> THE AIR HANDLER IS EQUIPPED WITH AN ELECTRIC HEATING COIL FOR EMERGENCY HEAT. IF HEAT PUMP/AIR COIL CANNOT MAINTAIN SPACE TEMPERATURE THE ELECTRICAL COIL SHALL BE ENABLED. 	

BID DOCUMENTS 7/1/2011

Revisions	Date

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I hereby certify that this Plan, Specification, or Report was prepared by me, or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Oregon.
Signature: Warren L. Lloyd
Name: Warren L. Lloyd
Discipline: Mechanical
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Date Issued: **/**/11

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NATIONAL CEMETERY ADMINISTRATION

Drawing Title
ADMINISTRATION BLDG HVAC CONTROL DIAGRAMS
Approved: Director, Office of Construction Management
Approved: Director, Project Management Service

Project Title
REPLACE ADMINISTRATION AND MAINTENANCE BUILDING AND SITE IMPROVEMENTS
Building Number
1001
Checked
DavBod
Drawn
JamTho
Location
EAGLE POINT NATIONAL CEMETERY
2763 RILEY ROAD
EAGLE POINT, OR 97524

Date
7-1-2011
Project No.
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Dwg. 86 OF 181