FREEZE PROTECTION DETAIL

NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM MECHANICAL POC.

2. FOR CRITICAL FACILITIES, A CIRCUIT CONTINUITY ALARM MAY BE REQUIRED. REFER TO IEEE STD 622 FOR NUCLEAR FACILITIES.

3. SUGGESTED HEATER CABLE SPECIFICATION FOR TRAILERS/TRANSPORTABLES POTABLE AND FIRE WATER PIPING. COORDINATE DESIGN WITH MANUFACTURER’S REPRESENTATIVE.
   a) SELF-REGULATING HEATER CABLE, 3 WATTS/FT, 120V, NO. LT3-CB, WITH POWER CONNECTION KIT, NO. PLT-BC-[B3]*, AND THERMOSTAT, NO. TF4X40, MFR: NELSON HEAT TRACING SYSTEM, (505) 256-1300, OR APPROVED EQUAL.
   *SPECIFY: "B3" FOR PIPE SIZES UP TO 3", "B12" FOR PIPE SIZES LARGER THAN 3" TO 12".

KEYED NOTES:
1. 1/16" ALUMINUM JACKETING WITH MINIMUM 2" OVERLAP
2. PIPE SUPPORTS AS REQUIRED
3. FINISH FLOOR
4. WARNING WRAP:
   SPACED ON 20 FT CENTERS
5. ANTIVELLEY: TRANSPORT PIPE
6. POWER CONNECTION
7. THERMOSTAT
8. GLASS TAPE, SPACE AS REQUIRED FOR GOOD CONTACT OF HEATER STRIP TO METAL PIPE
9. SEAL CROWNING WITH FIRE MASTIC AND METAL
10. PIPE SUPPORTS AS REQUIRED
11. FINISH GRADE
12. THERMOSTAT
13. ELECTRIC TRACED PIPE TO GROUND FAULT BREAKER (EPD) IN SPECIFY PANEL LOAD
14. SEAL OPENING WITH FIRE MAUSIC AND METAL FINISH FLOOR
15. WARNING MARKER
16. PIPE SUPPORTS AS REQUIRED
17. 18" MIN