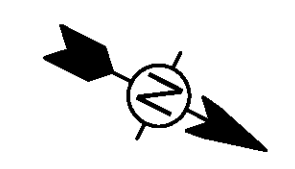


ROUTE EXTERIOR PIPING
10' ABOVE GROUND ON
PIPE SUPPORTS (TYP.).
SEE DETAIL 10 ON SHEET
M-9503.

REMOTE RADIATOR
SEE ELECTRICAL
(TYP. OF 4)



GENERATOR BUILDING HVAC PIPING PLAN
SCALE: 1/8" = 1'-0"

KEYED NOTES:

- 1 RADIATOR MANUFACTURER SHALL PROVIDE UNIT-MOUNTED SURGE TANKS AT THE TOP OF THE RADIATOR TANKS SHALL BE PROVIDED FOR BOTH THE JW AND AC LOOPS AND SHALL BE SIZED BY THE MANUFACTURER AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. APPROXIMATE SIZES WILL BE 60 GALLONS FOR THE JW LOOP AND 30 GALLONS FOR THE AC LOOP.
- 2 FUTURE AIR SEPARATORS, JW AND AC LOOPS, AND ALL PIPING ACCESSORIES TO BE INSTALLED WHEN ASSOCIATED GENERATOR IS INSTALLED.

GENERAL NOTES:

- 1. ALL JW PIPING AND AC PIPING SHALL BE ROUTED AT LOWER ELEVATIONS THAN CORRESPONDING SURGE TANKS.
- 2. JW AND AC PUMPS SHALL BE PROVIDED WITH THE GENERATOR AND SIZED FOR THE GENERATOR ENGINE COOLING SYSTEM AS INDICATED ON THE FLOOR PLANS. MANUFACTURER IS RESPONSIBLE FOR PROVIDING CORRECTLY SIZED PUMPS AND PIPING. THE SYSTEM SHOWN IS BASED ON THE USE OF AN IEA RADIATOR, MODEL VC092B, WITH 575 GPM JW FLOW AND 120 GPM AC FLOW.
- 3. ALL GENERATOR COOLING SYSTEM COMPONENTS AND SIZES SHOWN SHALL BE VERIFIED BY THE MANUFACTURER. FINAL SIZING SHALL BE COMPLETED BY THE MANUFACTURER. MANUFACTURER SHALL PROVIDE ALL COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL COOLING SYSTEM. MANUFACTURER IS RESPONSIBLE FOR SYSTEM START UP.

TETRA TECH
www.tetrattech.com
101 QUALITY CIRCLE, SUITE 140
HUNTSVILLE, ALABAMA 35895
PHONE: (256) 424-4077 FAX: (256) 424-4097

BID SET

BY	DESCRIPTION	MARK	DATE

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

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

M-8103

