EXPANSION TANK

LOW WATER LEVEL ALARM
SEE NOTE NO. 1

RELIEF VALVE
GLYCOL PIPING SYSTEM

PUMP SUCTION
AIR SEPARATOR

QUICK DISCONNECT
3/8" [0.14mm]
150 PSI [1034 kPa]
HOSE ATTACHED
TO 50'-0" [15M]
HOSE REEL

HANDHELD
"ON-OFF" MOTOR
CONTROL—SEE
NOTE NO. 4
CHORD ATTACHED
50'-0" [15M] TO
CORD REEL

3-1/2"x3-1/2"x5/16"
[1.4cmx1.4cmx0.8cm]
STEEL FRAME

ELECTRICAL PLUG
ATTACHED TO 50'-0"
[15M] CORD REEL
GLYCOL-WATER
MAKE-UP PUMP
5 GPM @ 30 PSIG
[18 LPM @ 206 kPa]

3/4" [20mm]
BYPASS

55 GALLON [208L]
GLYCOL-WATER
STORAGE TANK

3-1/2"x3-1/2"x5/16"
[1.4cmx1.4cmx0.8cm]
STEEL FRAME

DOLLY 32"x68"
[12.6cmx26.8cm]

NOTES:
1. PROVIDE LOW WATER LEVEL ALARM. PROVIDE A LOW WATER LEVEL AT ECC. RELIEF VALVE DRAIN SHALL RETURN TO A 55 GALLON DRUM.

2. SET REGULATING VALVE TO MAINTAIN MAKE-UP PRESSURE AT 15 PSIG [103 kPa] ABOVE HIGHEST SYSTEM PRV SETTING.

3. MAKE-UP PIPING SYSTEM DOES NOT REQUIRE INSULATION.

4. OPERATE PUMP MANUALLY AS REQUIRED TO FILL.

MOBILE INDIRECT GLYCOL MAKE-UP SYSTEM
(PIPING AND CONTROLS)

DESIGNER’S NOTE:
PLUMBING DRAWINGS SHOULD INCLUDE DOMESTIC COLD-WATER HOSE BIB NEAR THE GLYCOL-
WATER MAKE-UP SYSTEM. FOR SMALL SYSTEMS (50 GALLON [200 L] OR LESS) A POT FEEDER,
AT THE HIGH POINT IN THE PIPING, MAY BE USED FOR MAKE-UP IN LIEU OF THE PUMPED
MAKE-UP.