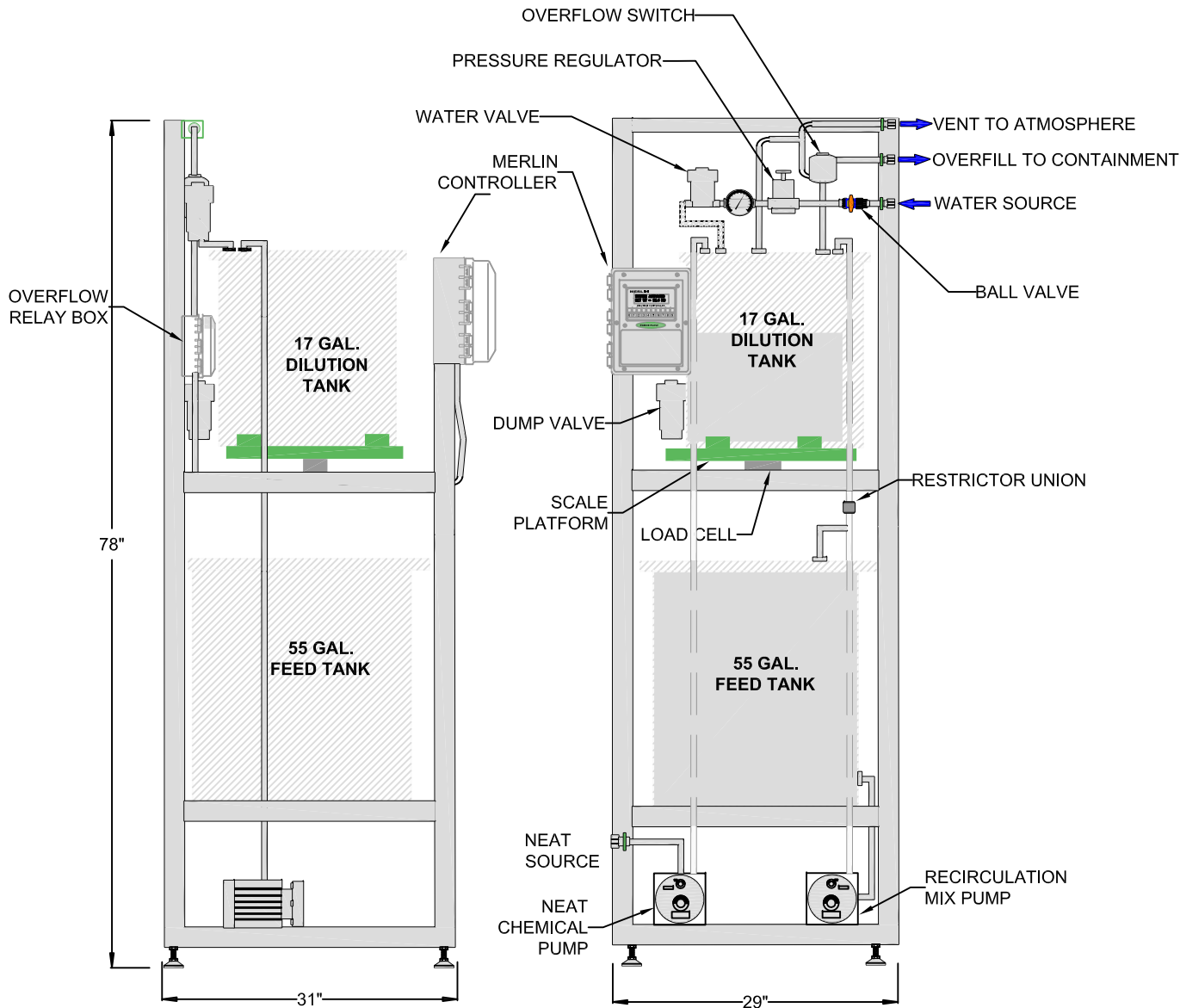


MODEL MDS-17D-55F

MERLIN DILUTION SYSTEM

17D = 17 Gallon Dilution Tank

55F = 55 Gallon Feed Tank



ELECTRICAL REQUIREMENTS:

Quantity	Description
4	2-conductor circuit for 4-20mA signal
1	2-conductor circuit for Alarm signal
2	20 Amp 110VAC 60 Hz

NOTE: BOTH 110VAC CIRCUITS MUST BE SURGE PROTECTED AND DEDICATED TO THE MERLIN DILUTION SYSTEM!!

WATER SERVICE REQUIREMENTS:

Quantity	Description
1	½" Water line (25 PSI minimum - 100 PSI maximum)

NOTE: 1) CAPACITY CALCULATIONS MADE @ 50 PSI
2) WATER SOURCE MUST HAVE LOW HEAVY-METAL (Copper, Iron, Manganese, etc.) CONTENT AND LOW TOTAL HARDNESS.

PROCESS CONNECTIONS REQUIREMENTS:

Quantity	Description
1	Neat (high strength) Chemical Pump
1	Water line
1	Vent to Containment
1	Vent to Atmosphere
1	Dilute Chemical Pump (Optional)
1	Recirc/Mix Pump (Optional)

NOTE: THE TOP SECTION CAN BE MOUNTED TO THE WALL WITHOUT THE LEG SECTION



2430 Stanwell Dr, Concord, Ca 94520 USA
1-800-893-6723 US & Canada, Fax: 925-686-6713
WWW.forceflow.com / Info@forceflow.com

Merlin Dilution System
MDS-17D-55F

Drawn by: SLP

Date: 12/17/03

Verified: MRD

Scale: NONE

Drawing Number

31265