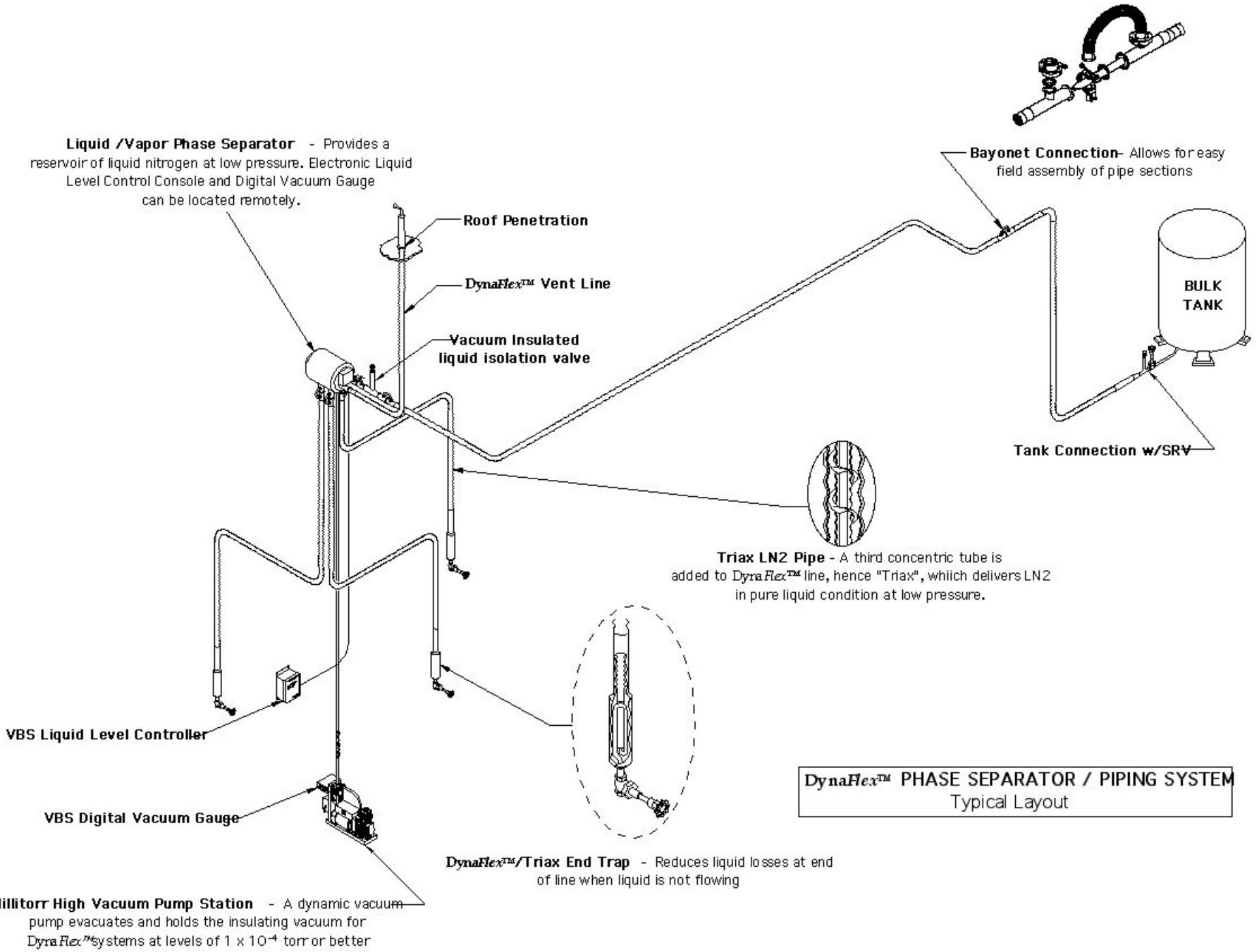
Liquid /Vapor Phase Separator - Provides a reservoir of liquid nitrogen at low pressure. Electronic Liquid Level Control Console and Digital Vacuum Gauge can be located remotely.
Roof Penetration
DynaFlex™ Vent Line
Vacuum Insulated liquid isolation valve
Bayonet Connection- Allows for easy field assembly of pipe sections
BULK TANK
Tank Connection w/SRV
Triax LN2 Pipe - A third concentric tube is added to DynaFlex™ line, hence "Triax", whiich delivers LN2 in pure liquid condition at low pressure.
VBS Liquid Level Controller
VBS Digital Vacuum Gauge
DynaFlex™/Triax End Trap - Reduces liquid losses at end of line when liquid is not flowing
Millitorr High Vacuum Pump Station - A dynamic vacuum pump evacuates and holds the insulating vacuum for DynaFlex™ systems at levels of 1 x 10⁻⁴ torr or better
DynaFlex™ PHASE SEPARATOR / PIPING SYSTEM
Typical Layout