



Legend

- AR-1 Air Receiver Tank
- C-1 Air Compressor
- CV-1/2 Check Valve
- DP-1 Dew Point Sensor
- EO-1 Enclosure Ozone Sensor
- ET-1 Enclosure Temperature Sensor
- FM-1 Flow Meter to Display Sparge Air Flow Rate
- FM-2 Flow Meter to Display Oxygen/Ozone Flow Rate
- G-1 Oxygen Concentrator
- G-2 Ozone Generator
- PR-1 Pressure Regulator, Ozone Process
- PR-2 Pressure Regulator, Sparge Air Process
- PG-1 Pressure Gauge for Oxygen Concentrator Process Air
- PT-1 Pressure Transducer for Oxygen Concentrator Process Air
- PT-2 Pressure Transducer for Ozone Generator Process Air
- NV-1 Needle Valve to Adjust Flow, Attached to FM-1
- NV-2 Needle Valve to Adjust Flow, Attached to FM-2
- RH-1 Relative Humidity Sensor
- V-1 Water Drain Solenoid Valve
- V-2 System Shut Down Solenoid Valve

Notes
 Manifold includes 9 Outlets with Solenoid Valves, Flow Meters, Pressure Gauges, and Check Valves on Each Output

		Piping and Instrumentation Diagram (P&ID) Ozone Sparging System	
		Scale: None	Designed By: Joel Leusink
Date: 11/21/2007	Drawing Number: OS-100-15	Job Number: OS-100	
Ozone Sparging System			
Ozone Solutions, Inc.			