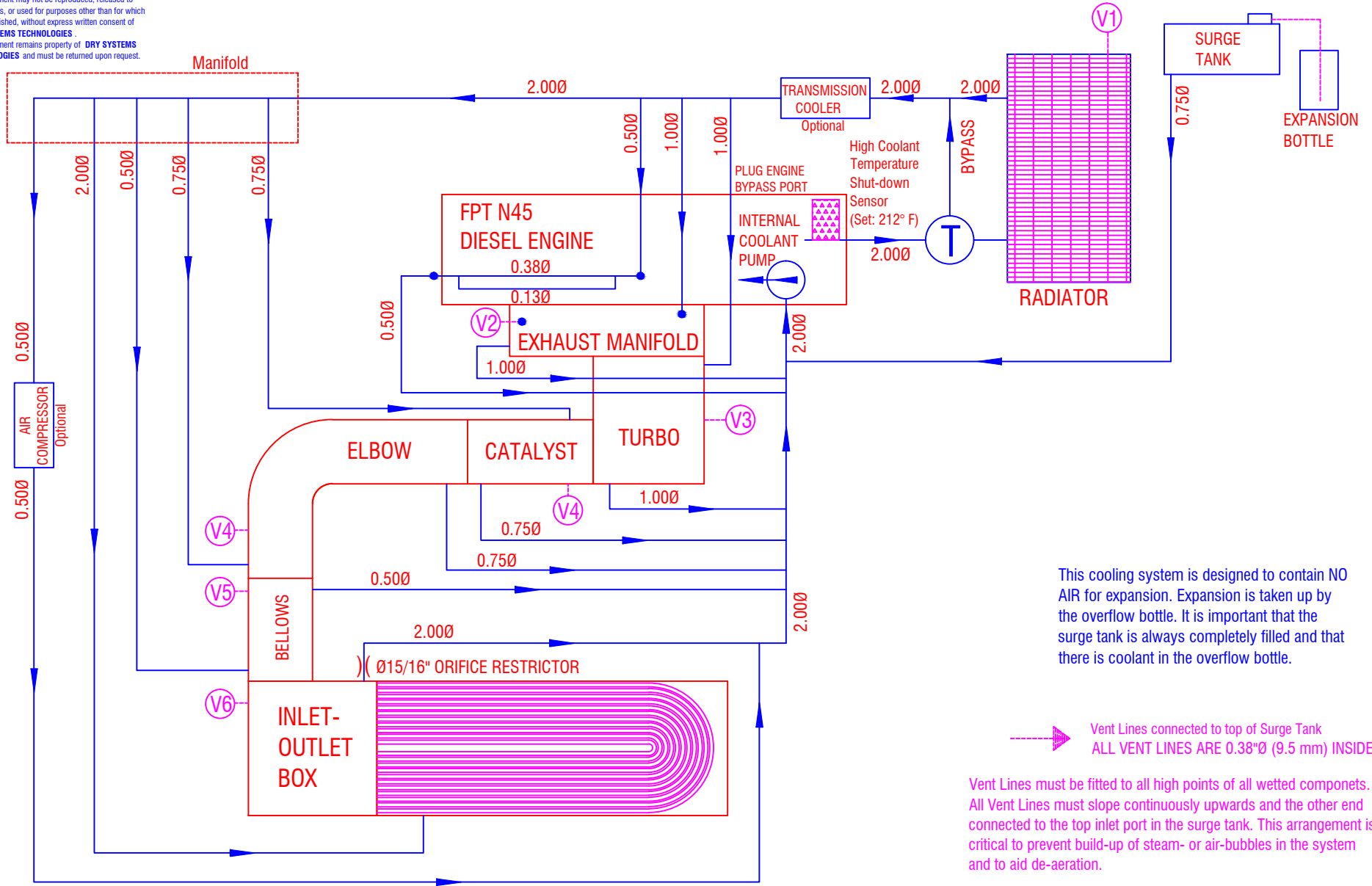


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This cooling system is designed to contain NO AIR for expansion. Expansion is taken up by the overflow bottle. It is important that the surge tank is always completely filled and that there is coolant in the overflow bottle.

➔ Vent Lines connected to top of Surge Tank  
ALL VENT LINES ARE 0.38"Ø (9.5 mm) INSIDE

Vent Lines must be fitted to all high points of all wetted componets. All Vent Lines must slope continuously upwards and the other end connected to the top inlet port in the surge tank. This arrangement is critical to prevent build-up of steam- or air-bubbles in the system and to aid de-aeration.

DO NOT CHANGE THIS DRAWING WITHOUT MSHA APPROVAL

<b>TOLERANCES</b> Linear unless noted Machined: ±0.005 Fabricated: ±0.02 Angular: ±1/2° Surface finish 125				<b>DRY SYSTEMS TECHNOLOGIES</b> 10420 RISING COURT WOODRIDGE, IL 60517 Phone: 630-427-2051 Fax: 630-427-1036 E-Mail: eng@dryssystemtech.com	DESCRIPTION <b>COOLING SCHEMATIC</b>		NO. REV.	
					SCALE	DATE	DRAWN BY	
						Oct 10, 2014	Brian Wiltjer	
					MATERIAL		APPROVED BY	
						See Detail Drawings		
			<b>M354-007-01</b>					