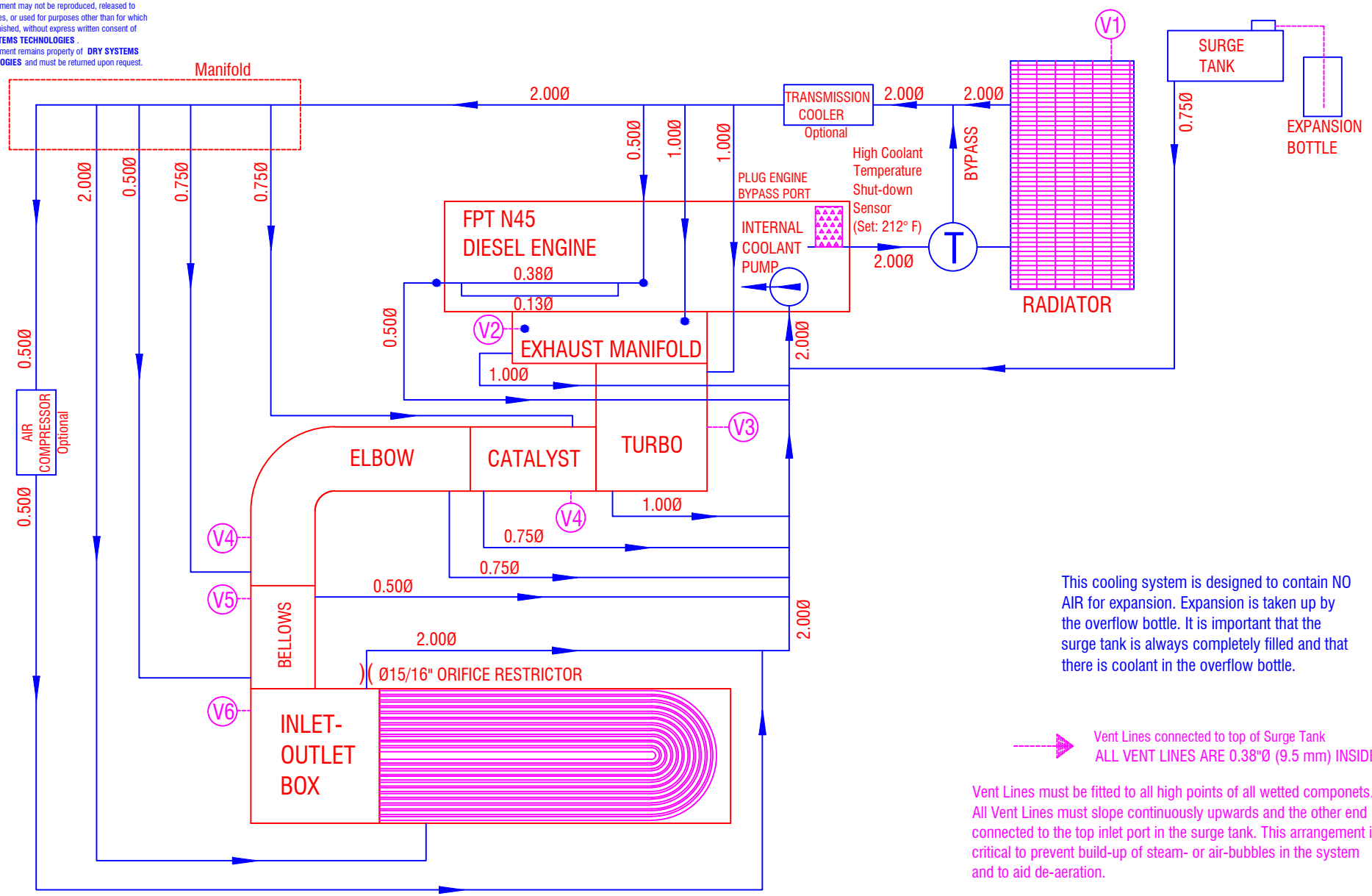
CONFIDENTIAL & PROPRIETARY

All data contained in this document is sole property of **DRY SYSTEMS TECHNOLOGIES** and is considered confidential and proprietary.
This document may not be reproduced, released to third parties, or used for purposes other than for which it was furnished, without express written consent of **DRY SYSTEMS TECHNOLOGIES** .
This document remains property of **DRY SYSTEMS TECHNOLOGIES** and must be returned upon request.



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

TOLERANCES					
Linear unless noted					
Machined: ±0.005					
Fabricated: ±0.02					
Angular: ±1/2°					
Surface finish 125	REV	DATE	NAME	DESCRIPTION	

DRY SYSTEMS TECHNOLOGIES
10420 RISING COURT
WOODRIDGE, IL 60517
Phone: 630-427-2051 Fax: 630-427-1036
E-Mail: eng@drysystemstech.com

DESCRIPTION: COOLING SCHEMATIC			NO REQ'D
SCALE	DATE: Oct 10, 2014	DRAWN BY: Brian Wiltjer	
MATERIAL: See Detail Drawings		APPROVED BY	
DRAWING NO: M354-007-01			