EXHIBIT 21

BELOW-GRADE VAULTED TANK CONFIGURATION (Optional)

This exhibit allows an alternate tank storage configuration for the Balance Phase II EVR system. A below-graded vaulted tank may be installed as a substitute for a conventional underground storage tank (UST). The figures in this exhibit provide examples of typical vaulted AST configurations.

1. GENERAL SPECIFICATIONS

1.1. Alternate typical vaulted AST configurations for the Balance Phase II EVR System are shown in Figures 21-1, 21-2, 21-3, and 21-4.

1.2. Unless otherwise specified in this Executive Order (EO), the below-grade vaulted tank shall comply with the applicable requirements of this Executive Order and CARB Approved Installation, Operation, and Maintenance Manual. This includes compliance with applicable performance standards and performance specifications specified in Exhibit 2 and testing frequencies stated in the legal language.

1.3. The emergency vent shall be a certified vent listed in the CARB Phase I EVR Executive Orders for ASTs and shall be installed, operated, maintained, and meet any performance requirements specified in the applicable AST Executive Order and Installation, Operation, and Maintenance Manual.

1.4. All below-graded vaulted tanks with annual throughputs greater than 600,000 gallons shall install a Veeder-Root ISD system Version 1.05 or greater. Installation of ISD for below-grade vaulted tanks is prohibited when the annual throughput is 600,000 gallons or less.

FIGURE 21-1

Front Sectional Views of Typical Vaulted AST

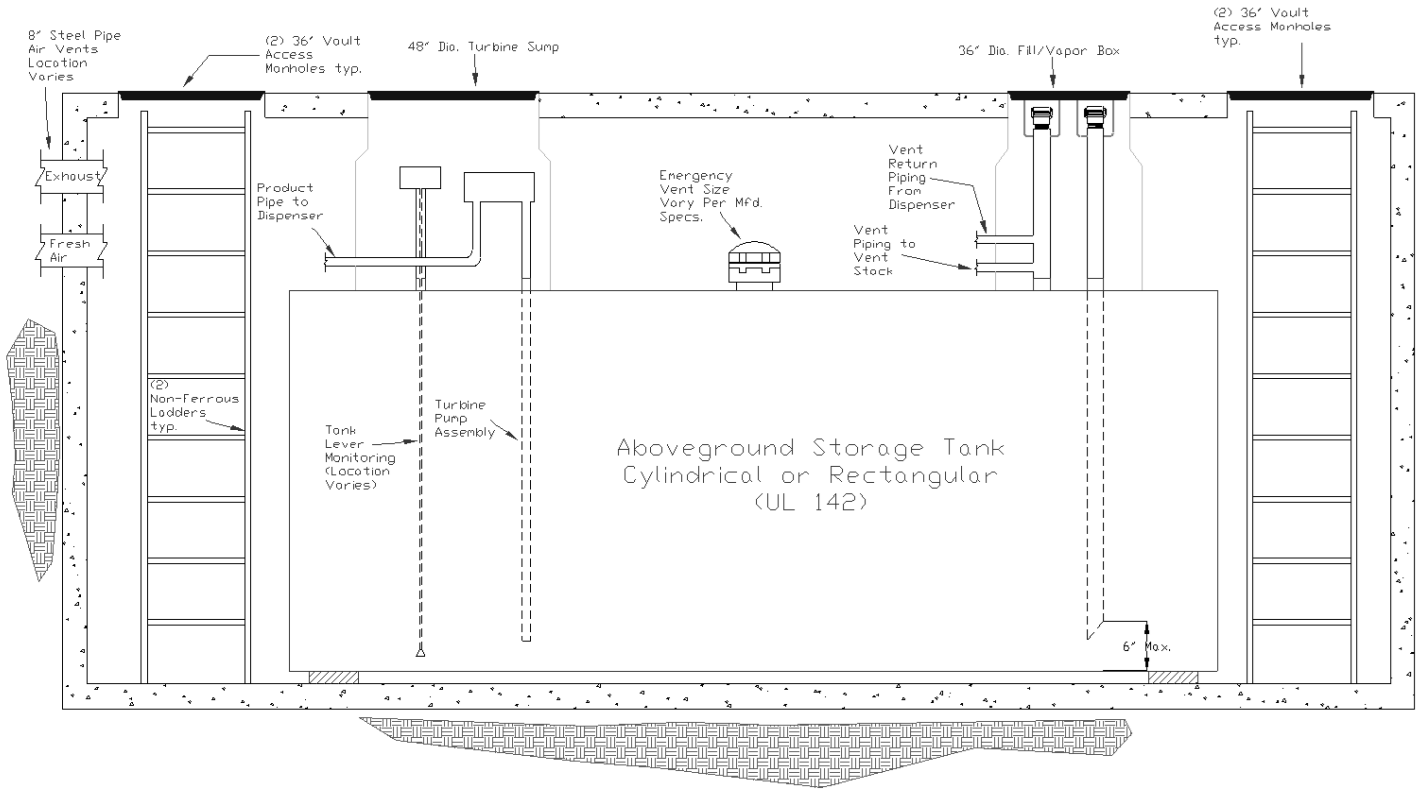


FIGURE 21-3

Top Sectional View of Typical Vaulted AST

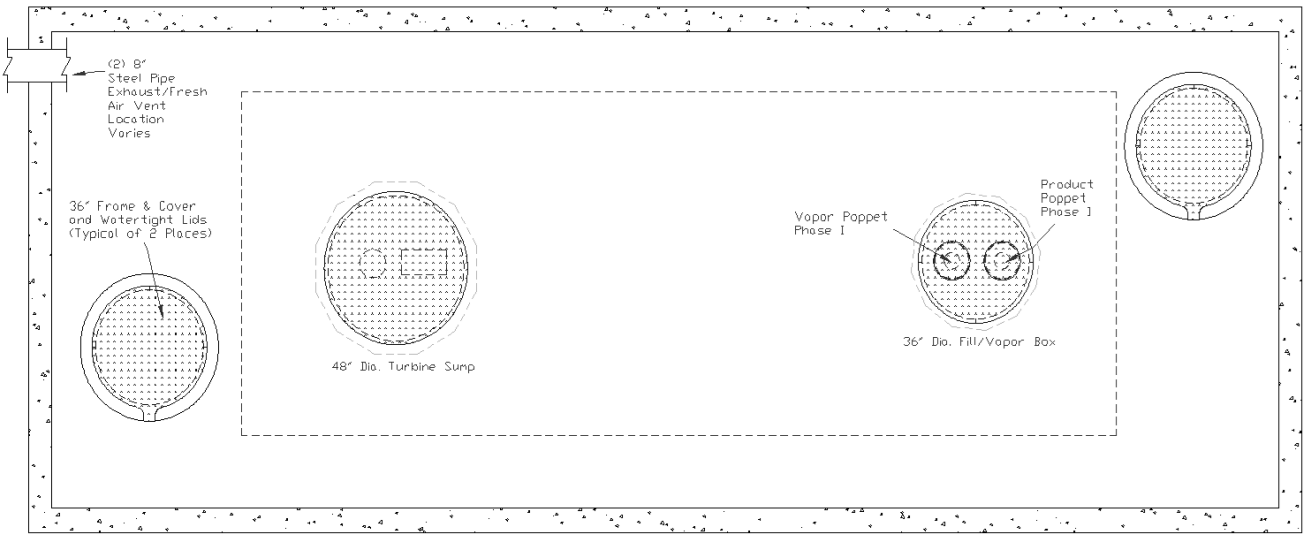


FIGURE 21-2

End Sectional View of Typical Vaulted AST

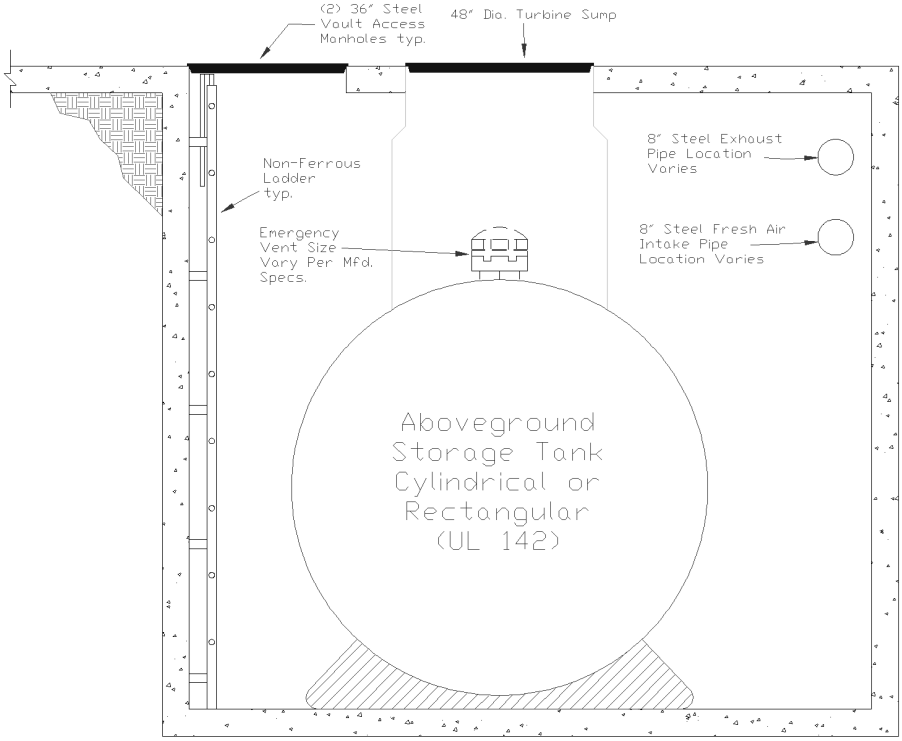


FIGURE 21-4

Sectional Views of Typical Vaulted AST (Ventilation)

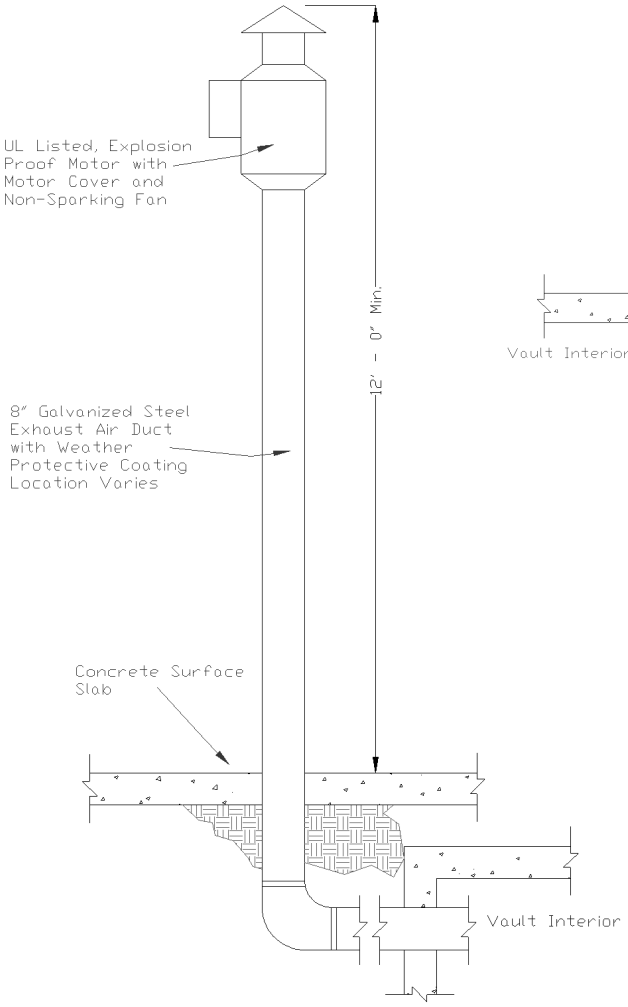


Figure 21-4a: Typical Exhaust

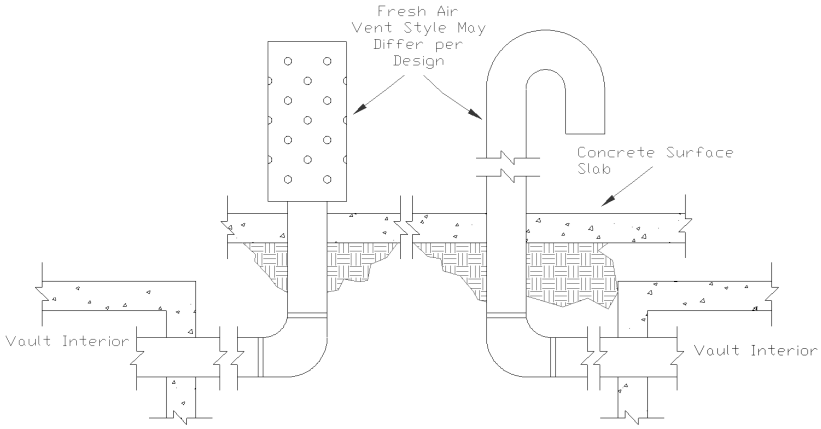


Figure 21-4b: Typical Fresh Air Intake