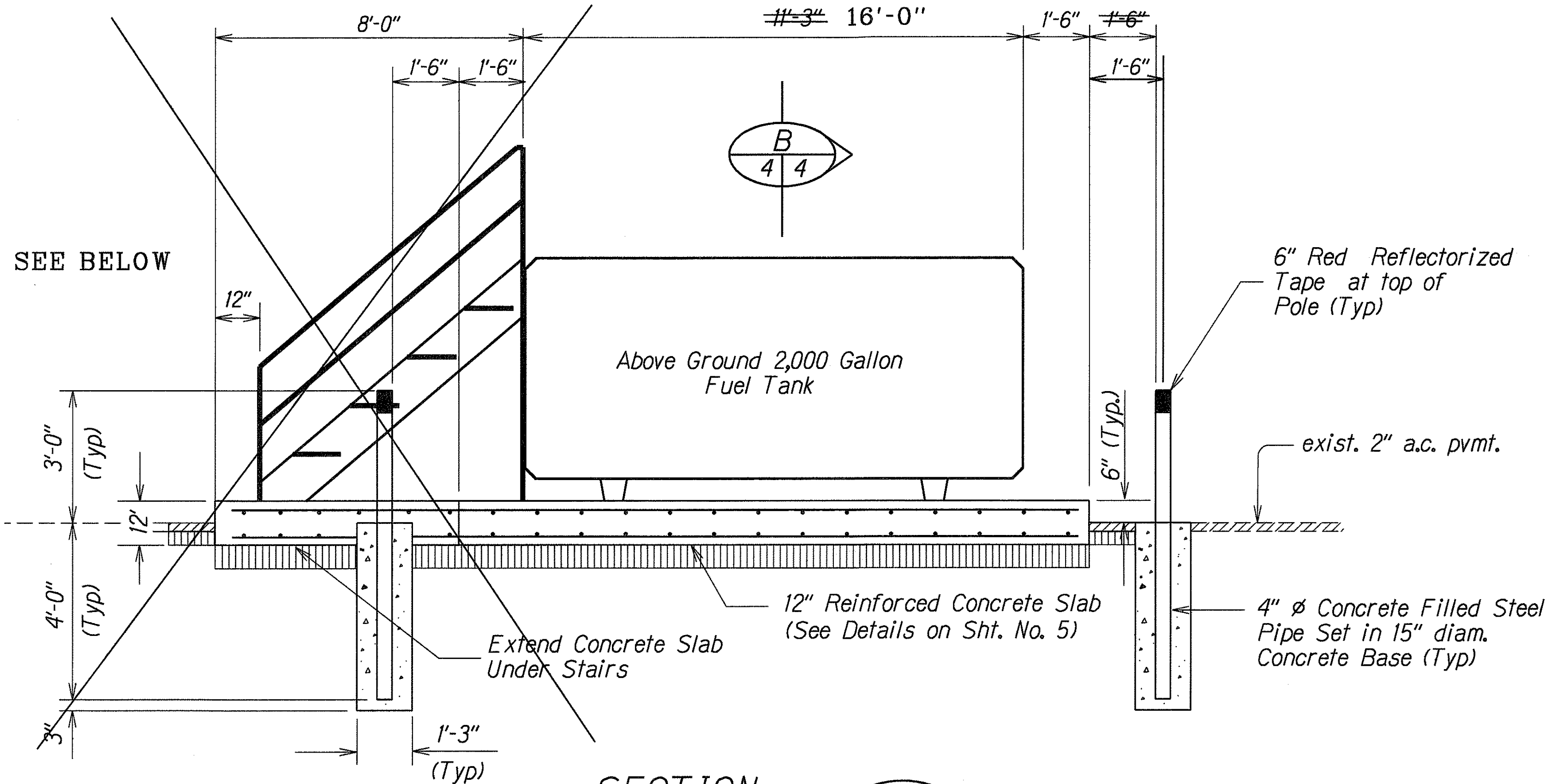


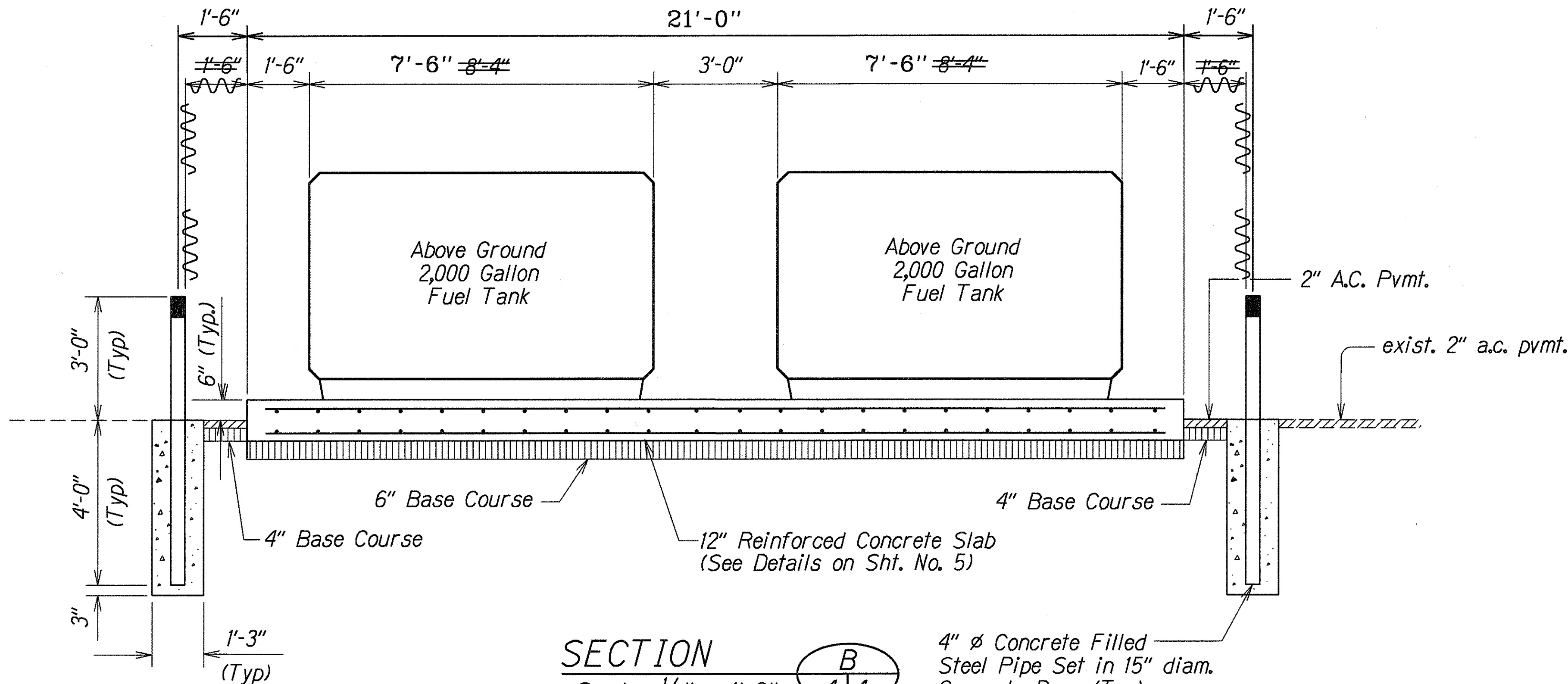
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-97	1998	4	12

# INSTALLATION NOTES :

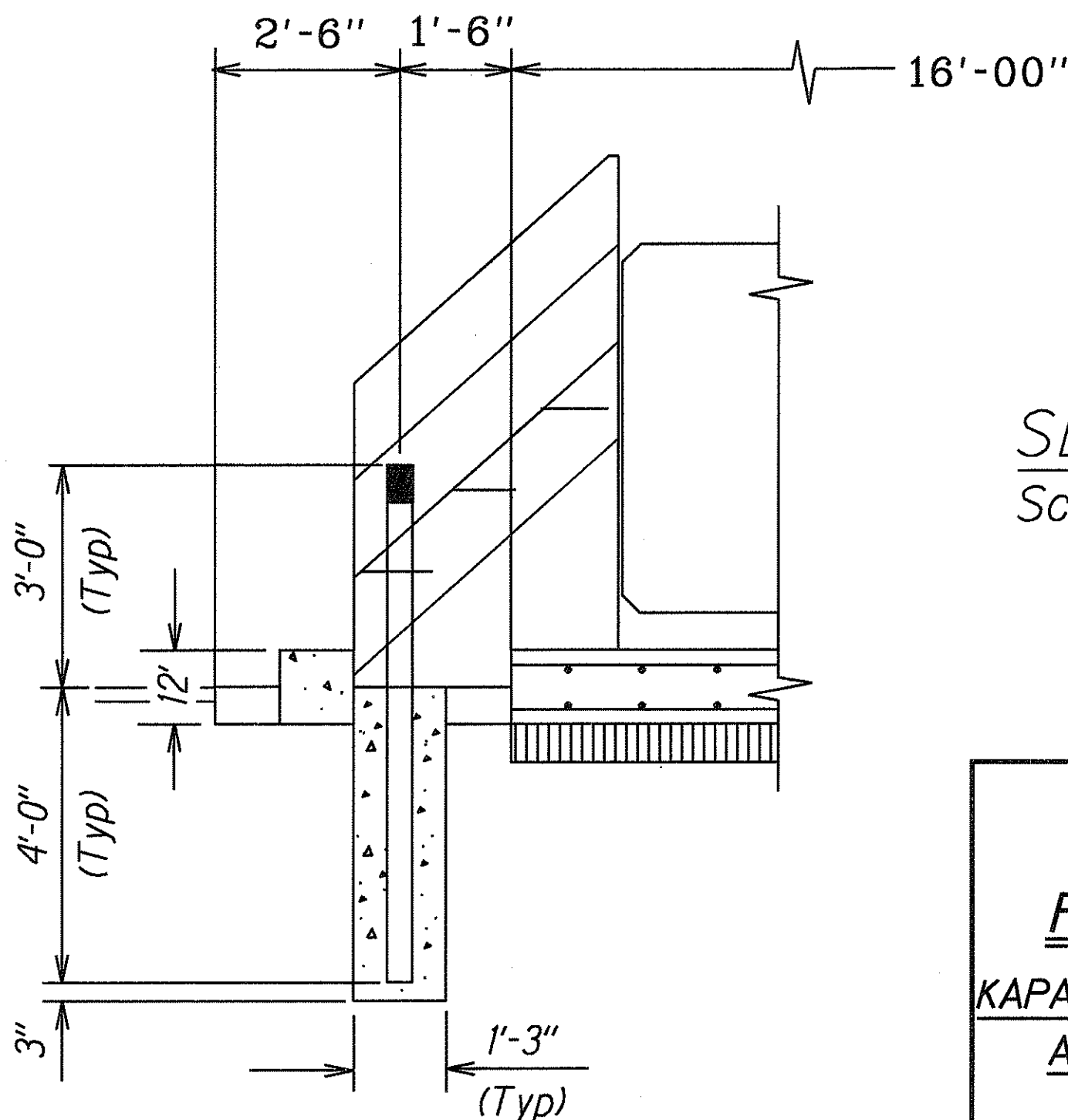
1. The Contractor shall furnish all equipment and materials and provide all labor for installation of the fuel storage tanks and fuel dispensing and ticketing system shown on the plans, complete in place, and ready for operation. After completing the installation, the Contractor shall test the fuel storage and fuel dispensing and ticketing system and shall make the necessary adjustments, replacements and/or corrections to insure safe and proper operation of the entire system.
2. Installation shall comply with all applicable County, State and Federal Regulations and Guidelines.
3. Above ground fuel tanks shall be Convault 2000 Gallon tanks, or approved equals. All tank accessories required for a complete installation shall be included. Both tanks shall be identical and shall be designed to be filled from the same end.
4. Fuel dispensers shall be Bennet Fleetmaster, self-contained, single product, twin pump stations, or approved equals. All dispensers shall be equipped with a ticket printing system to be used as specified in the Special Provisions. Ticket printing system shall be compatible for use with the sample ticket shown on Sht. No. 12. Service Hoses shall be 18' long (min.), U.L. listed, with safety breakaway connections. Nozzles shall be U.L. listed, with an automatic shutoff valve. All accessories and coupling hardware (Shear valves, etc.) required for this installation shall be U.L. listed.
5. For access to top of fuel tanks, metal stair units shall be installed as shown on the plans. Stair units shall be a Convault multi-step model, or an approved equal, conforming to OSHA requirements and shall be compatible for use with the Fuel Storage Tanks. Concrete slab shall extend beyond the bottom of the stair unit as shown on the plans.
6. Concrete-filled steel pipe guards shall be installed around the fuel storage tank area as shown on the plans. Steel posts including concrete foundations shall be considered incidental to Item No. 678.1006 - Aboveground Fuel Tank, Dispensing and Ticketing System. After installation, all pipes shall be cleaned and painted with one coat of primer and two coats of yellow paint.
7. Seismic tank restraints shall be galvanized steel and shall conform to the manufacturer's specifications. All bolts, nuts, and washers shall be stainless steel.



SECTION A  
Scale:  $\frac{1}{4}'' = 1'-0''$   
 $\frac{1}{2}''$



SECTION B  
Scale:  $\frac{1}{4}'' = 1'-0''$   
 $\frac{1}{2}''$



SECTION A  
Scale:  $\frac{1}{2}'' = 1'-0''$

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**FUEL TANK ELEVATIONS**

KAPAA BASEYARD FUEL STORAGE TANK  
AND FUEL DISPENSING SYSTEM

PROJECT NO. HWY-K-01-97

Scale: As Shown Date: November, 1997

SHEET No. 1 OF 8 SHEETS

"AS-BUILT"