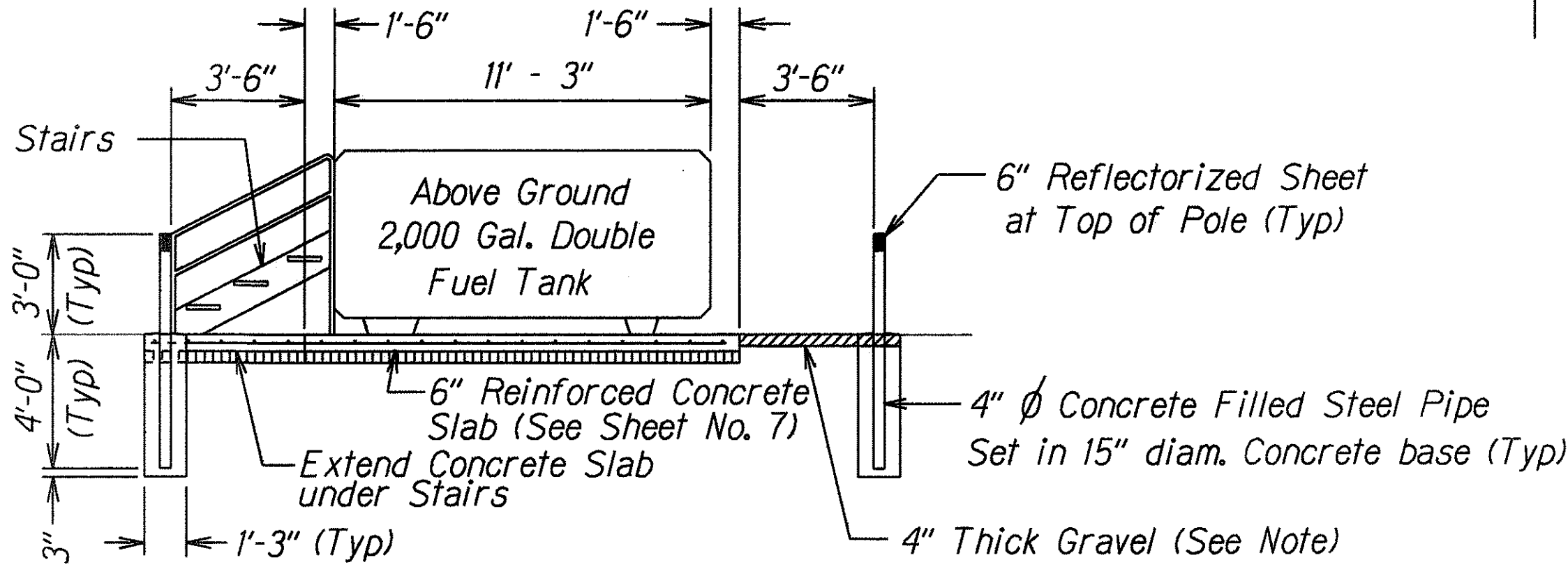


DATE	REVISION
6-2-94	Revise CRM Placement Detail and Sheet No. Referencings Per Addendum No. 1.

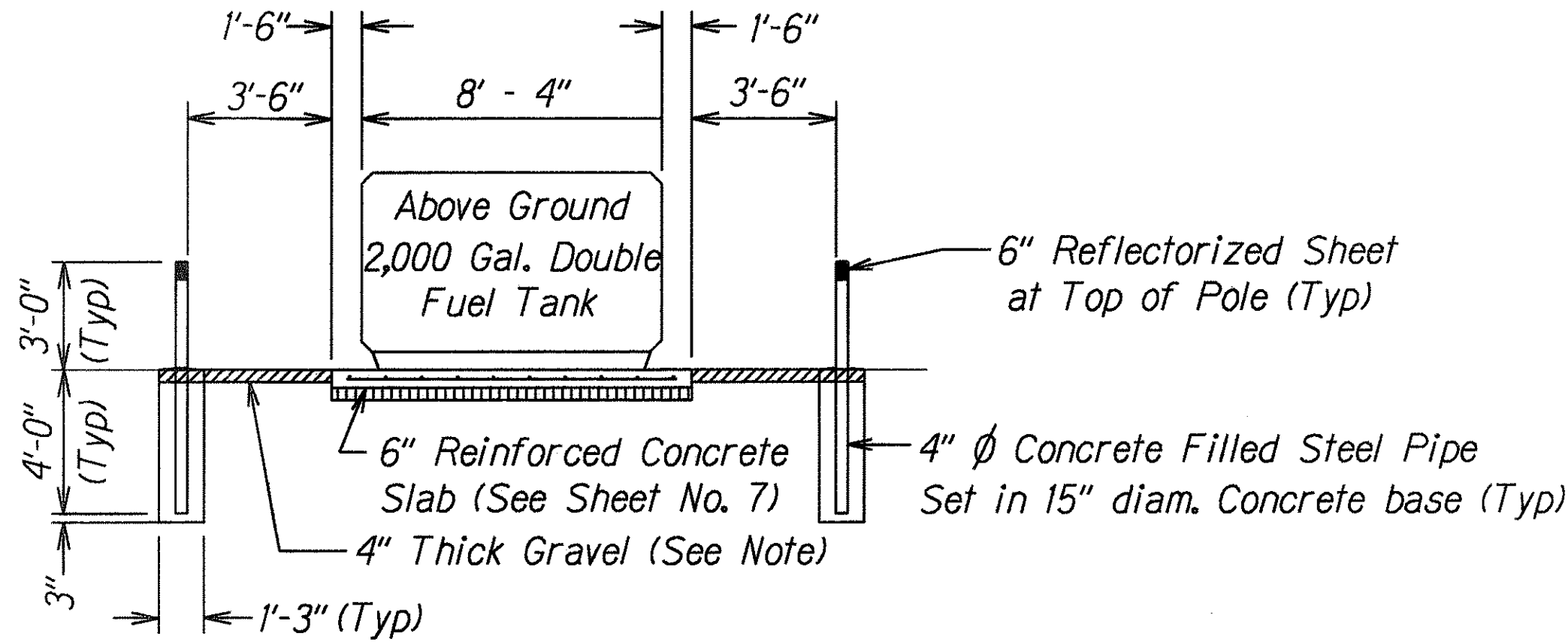
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-04-94M	1994	6	8

### INSTALLATION NOTES :

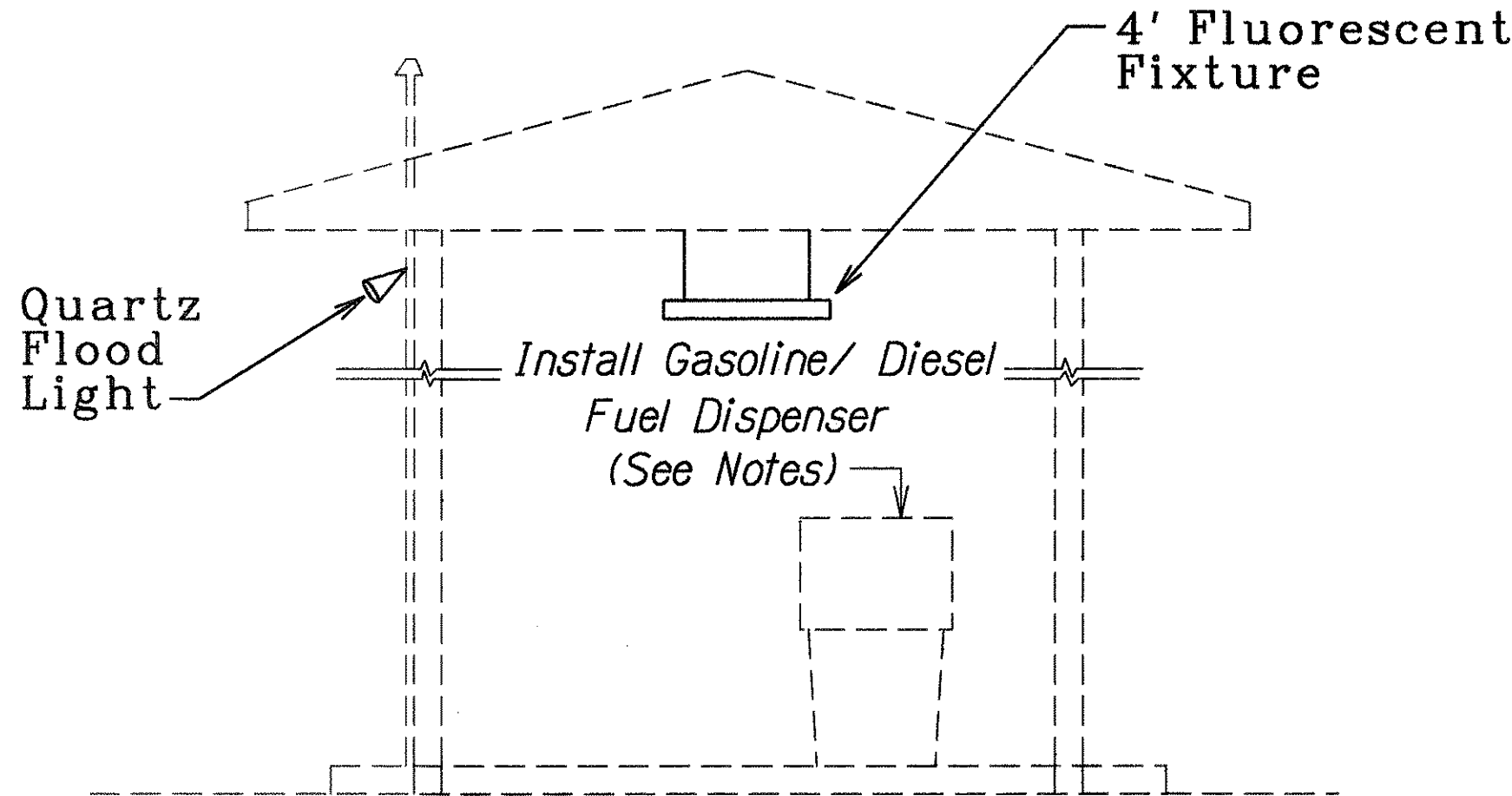
- Provide all equipment, material and labor for installing and testing the complete above ground fuel tanks, dispensing and ticketing systems, modify and install electrical conduit outlets at former dispenser locations to the new dispensers.
- Installation shall comply with all applicable County, State and Federal Regulations and Guidelines.
- Above ground fuel tanks to be installed shall be : Convault 2000 Gallon Double tank, or approved equivalents. All tank accessories required for a complete installation shall be included. Both Sides of tank shall fill from same end.
- Fuel dispenser to be installed shall be : Bennet Fleetmaster Model 3924 Remote, Double Product, Twin Pump Stations, or approved equivalents. All dispensers to be equipped with ticket printing equipment. Service hoses to be 18' long (min.), U.L. listed and safety breakaway. Nozzles to be U.L. listed and automatic shutoff. All accessories and coupling hardware (Shear Valves, etc...) necessary for a complete installation shall be U.L. listed and included in this installation.
- Ticket printing equipment shall be installed in conjunction with fuel dispensers and will be compatible with currently used tickets. (See Sheet 7)
- Fuel dispenser shall be installed in existing pump locations. Pump connections and other necessary details to conform to manufacture's recommendations.
- Stair units shall be installed for access to the top of each tank. Stair units shall be Convault three step model as shown on this sheet, or approved equivalent. Slab shall be extended under stairs and separated from tank slab by construction joint.
- Install steel guard posts as shown on these plans.
- Reinforced concrete slab details are on Sheet No. 7.
- Gravel bed is to consist of material equivalent to the State Standard for clean, #2 Coarse Aggregate, 4" Thick.
- Seismic restraints shall be galvanized steel and conform to manufacturer's specifications.
- Tank and despensing system shall sit on New Class "A" Concrete Slab as shown.



**FRONT VIEW**  
Not to Scale

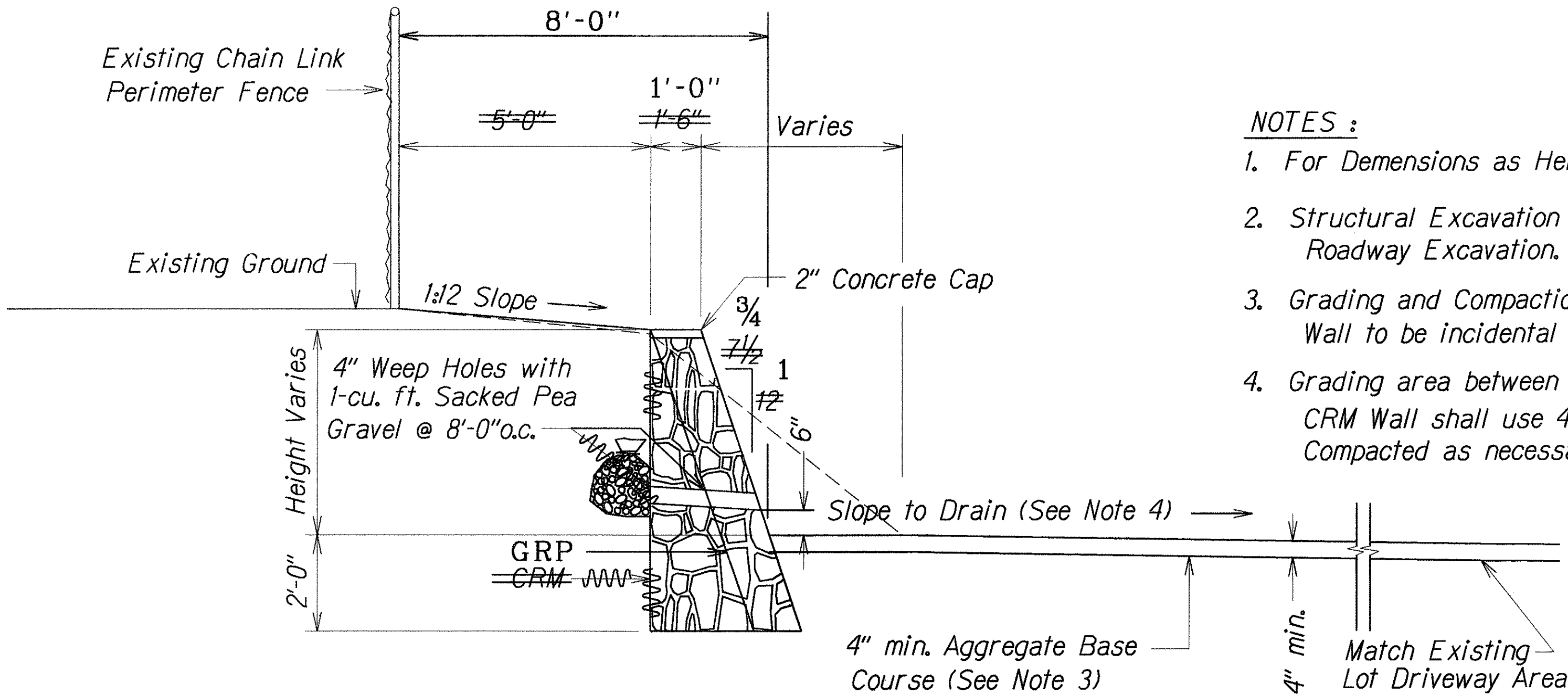


**SIDE VIEW**  
Not to Scale



**PUMP STATION ELEVATION**  
Not to Scale

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



**CRM PLACEMENT DETAIL**  
Not to Scale

### NOTES :

- For Demensions as Height Varies See State Standard.
- Structural Excavation for CRM Wall to be paid for as Roadway Excavation.
- Grading and Compaction of area of lot adjacent to CRM Wall to be incidental to Base Course.
- Grading area between Existing Baseyard Driveway and CRM Wall shall use 4" min. Base Course Surface Compacted as necessary and as directed by the Engineer.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### INSTALLATION PLAN

**REMOVE & REPLACE FUEL DISPENSING SYSTEM - NORTH KONA BASEYARD**  
PROJECT NO. HWY-H-04-94M

Date: MAY, 1994

SURVEY PLOTTED BY	DATE
DRAWN BY J. HOLMAN	6-2-94
TRACED BY HAWAII DISTRICT	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	