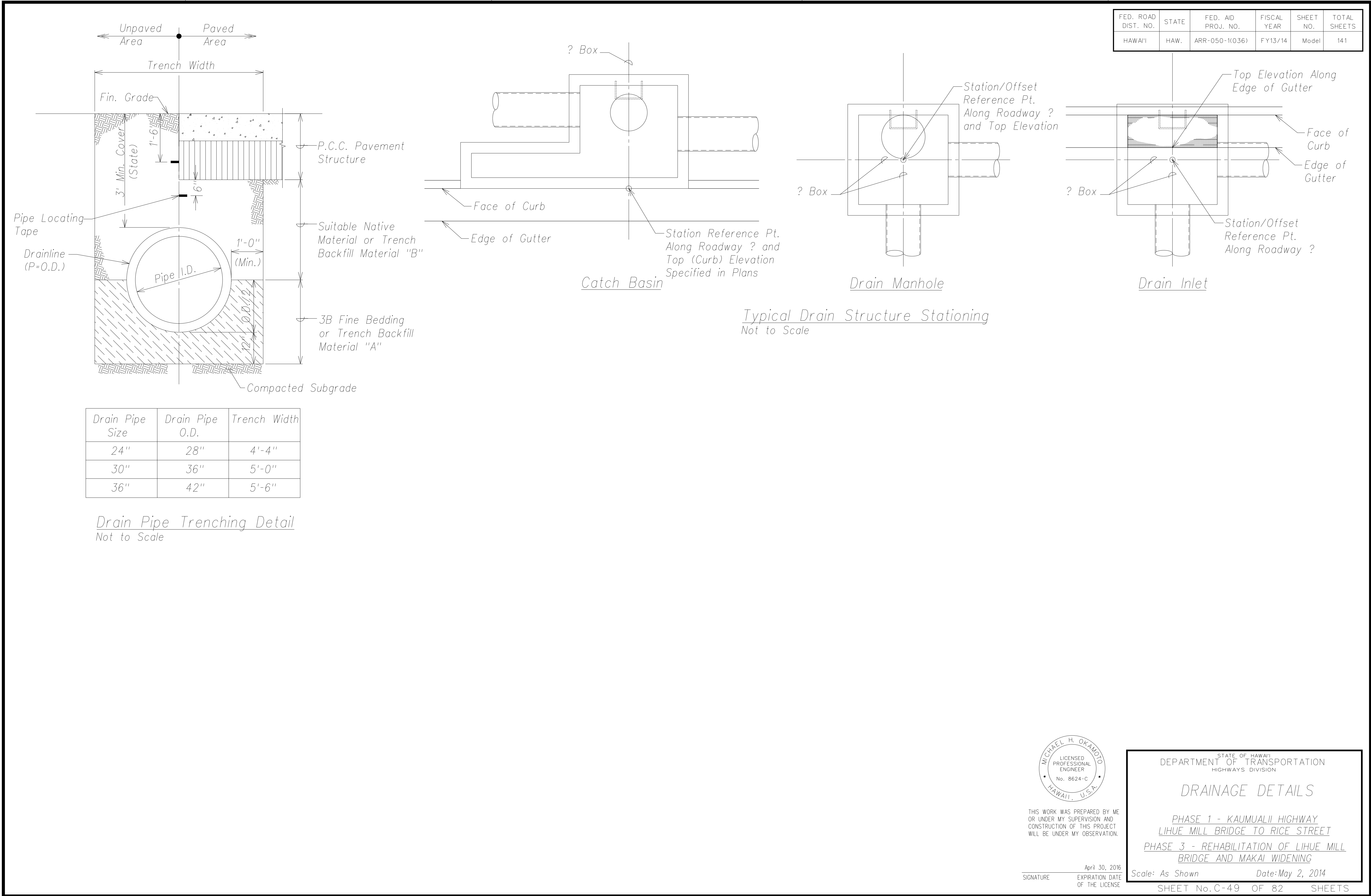
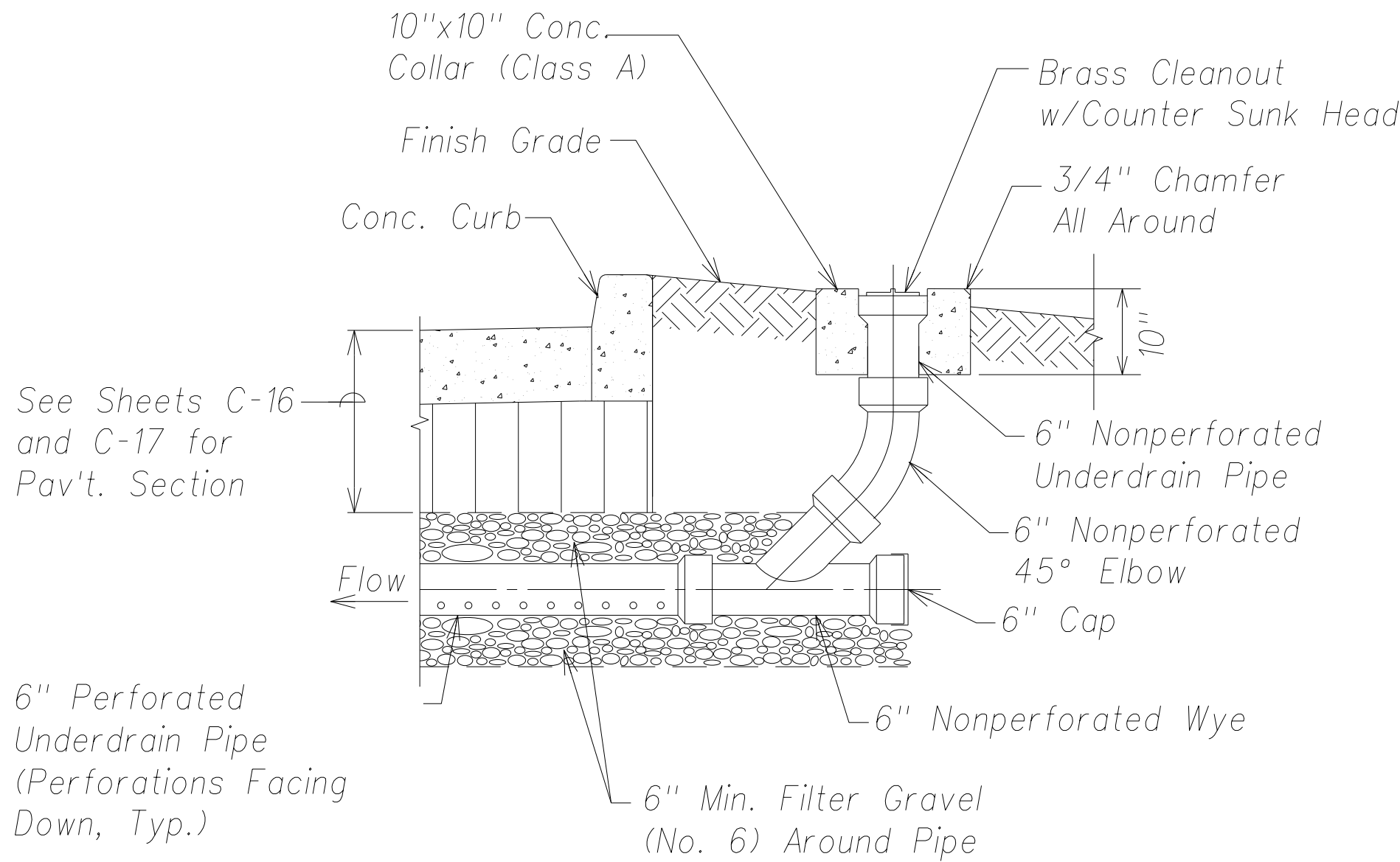
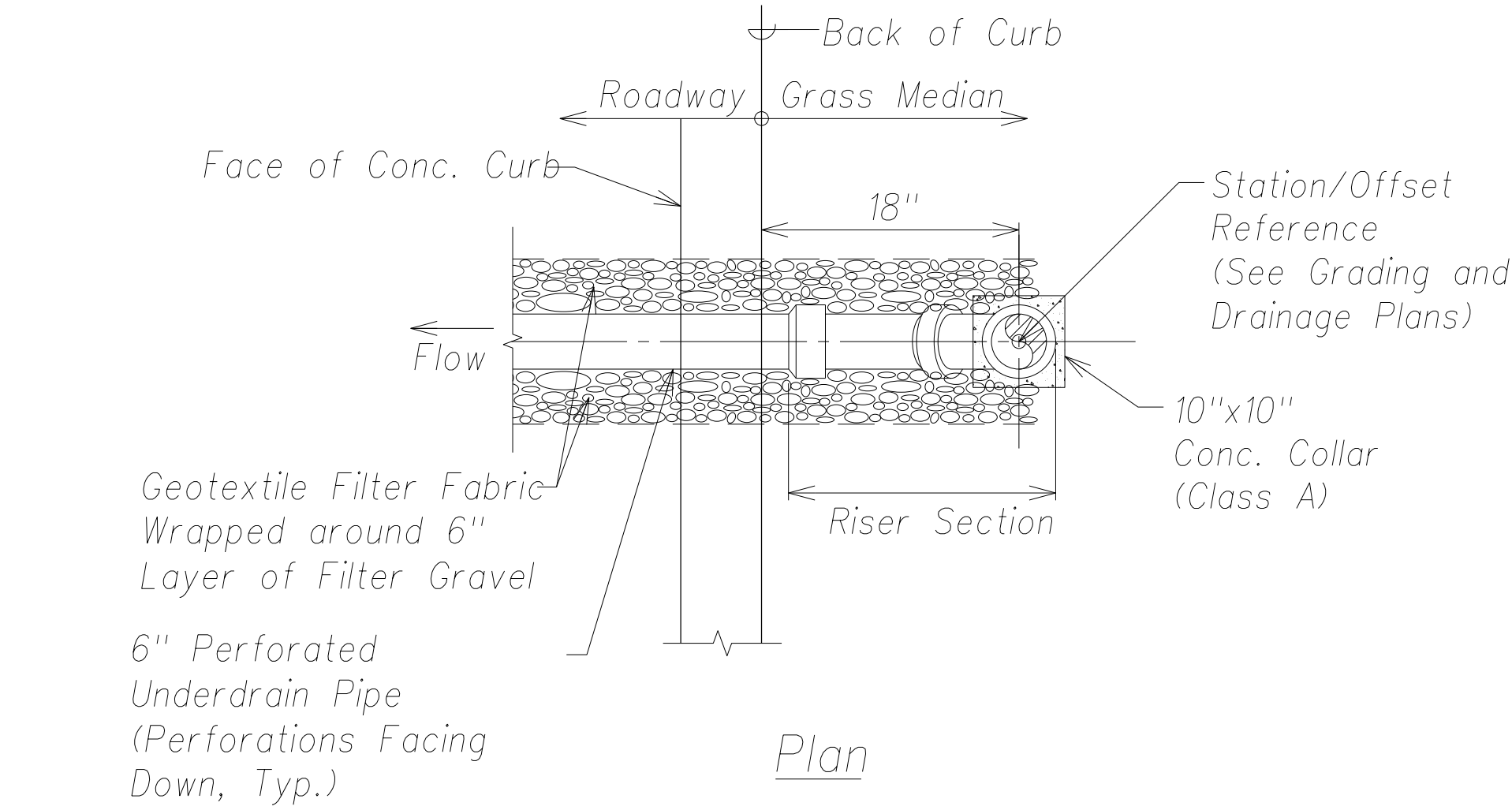


FILE: C:\Users\Nashah\Desktop\Drawing.dwg saved April 7, 2016

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	" _____
NOTE BOOK No. _____	TRACED BY _____	" _____
	QUANTITIES BY _____	" _____
	CHECKED BY _____	" _____



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ARR-050-1(036)	FY13/14	Model	141

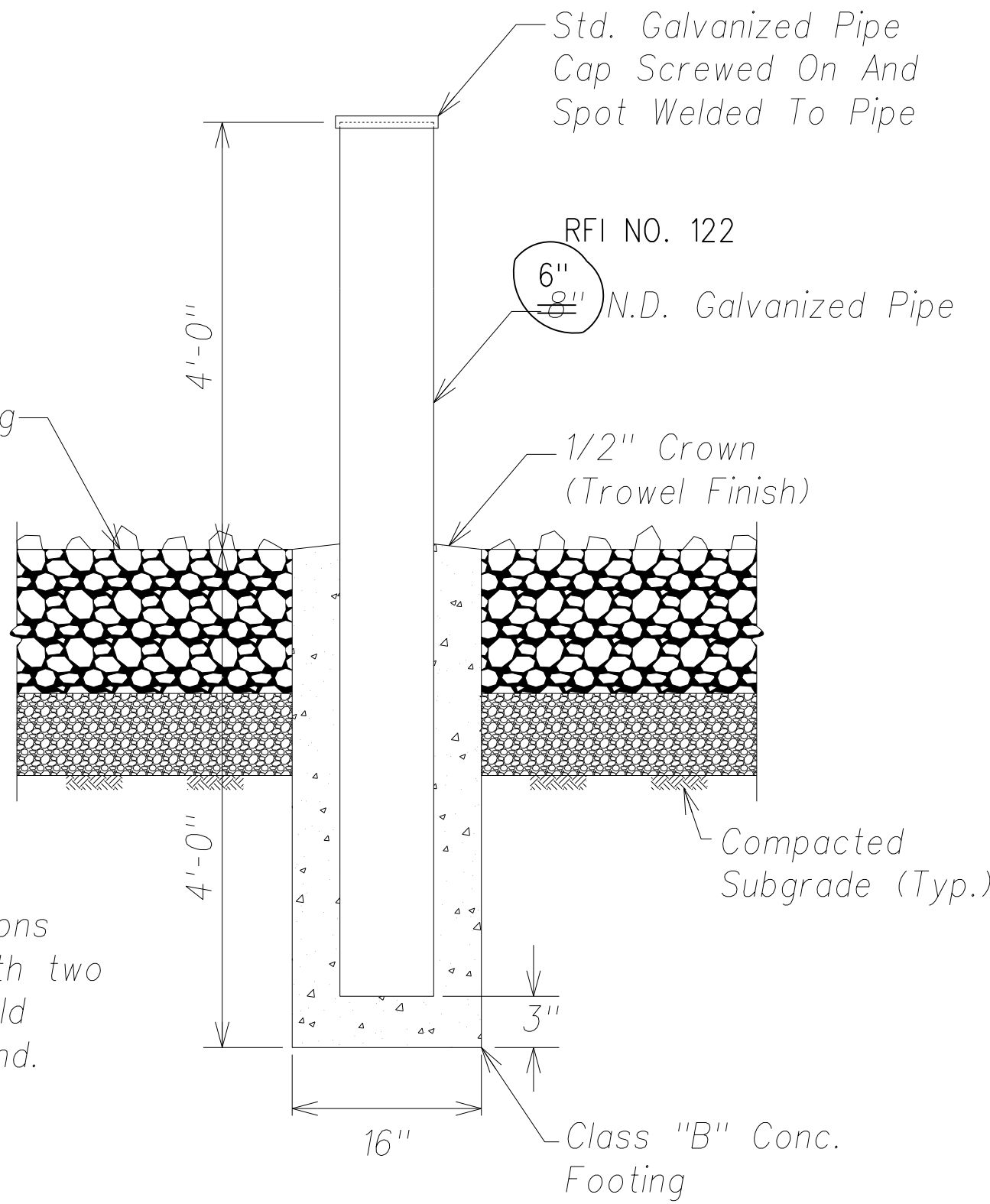


Note:  
The 6" Perforated Underdrain Pipe shall follow the cross slope of the roadway. The Filter Gravel (No. 6) around the pipe shall extend up to the bottom of the aggregate subbase layer and be a minimum of 6" in thickness on all sides of the pipe.

6" Transverse Underdrain With COTG  
Not To Scale

Grouted Rubble Paving (See Det. Sht. C-52)

Note:  
All welded connections shall be painted with two coats of Z.R.C. cold galvanizing compound.



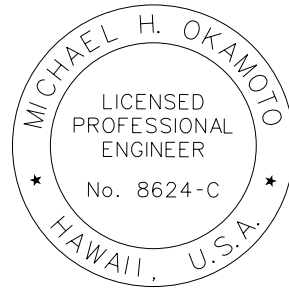
Bollard Detail  
Not To Scale

LEGEND FOR  
AS-BUILT POSTINGS

~~~~~ Squiggly line for as-built deletion

== Double line for as-built deletion

Roadway Text for as-built posting



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE

EXPIRATION DATE OF THE LICENSE

April 30, 2016

RFI NO. 122 - Pipe Bollard Size Change

DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

DRAINAGE DETAILS

PHASE 1 - KAUMUALII HIGHWAY  
LIHUE MILL BRIDGE TO RICE STREET

PHASE 3 - REHABILITATION OF LIHUE MILL  
BRIDGE AND MAKAI WIDENING

Scale: As Shown Date: May 2, 2014

SHEET No. C-50 OF 82 SHEETS

|               |                   |      |
|---------------|-------------------|------|
| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
| NOTE BOOK     | DRAWN BY          | " "  |
| No. _____     | DESIGNED BY       | " "  |
|               | QUANTITIES BY     | " "  |
|               | CHECKED BY        | " "  |

"AS-BUILT"

Model