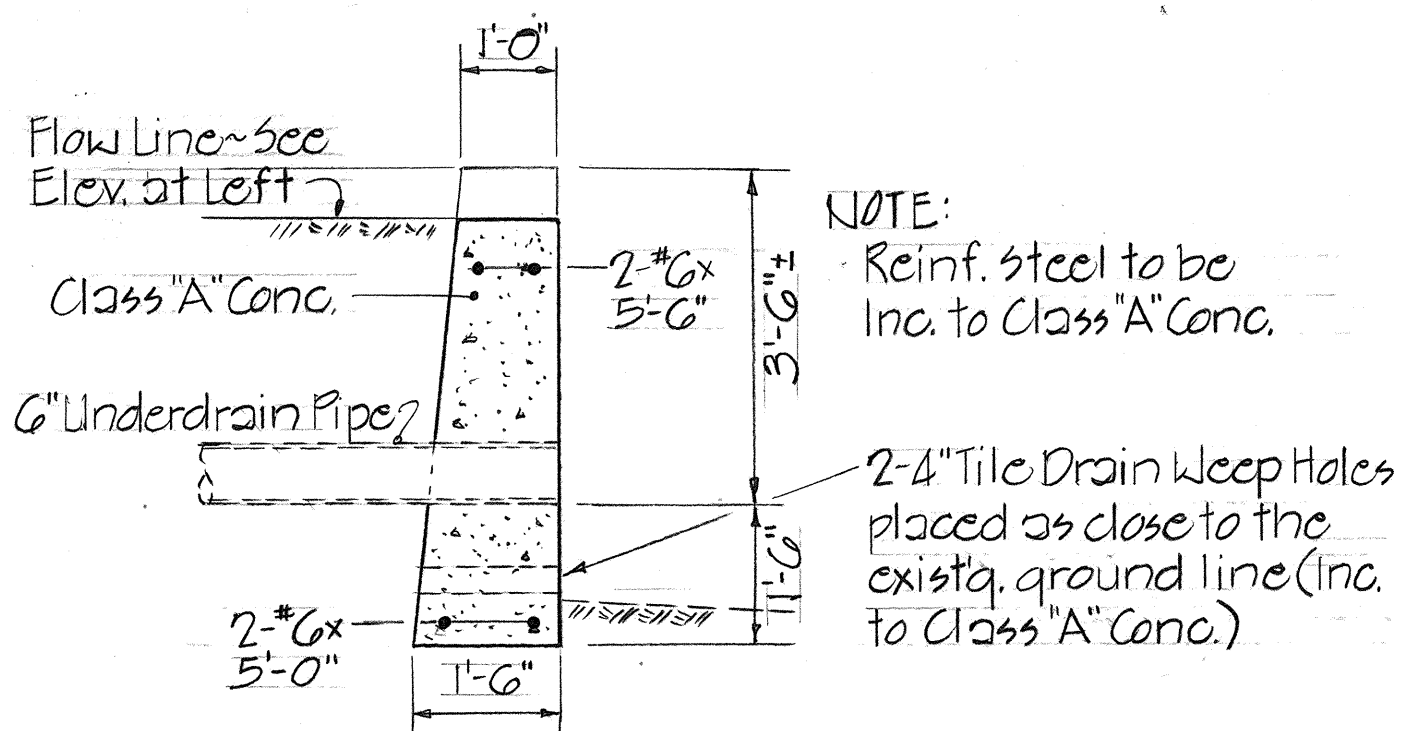
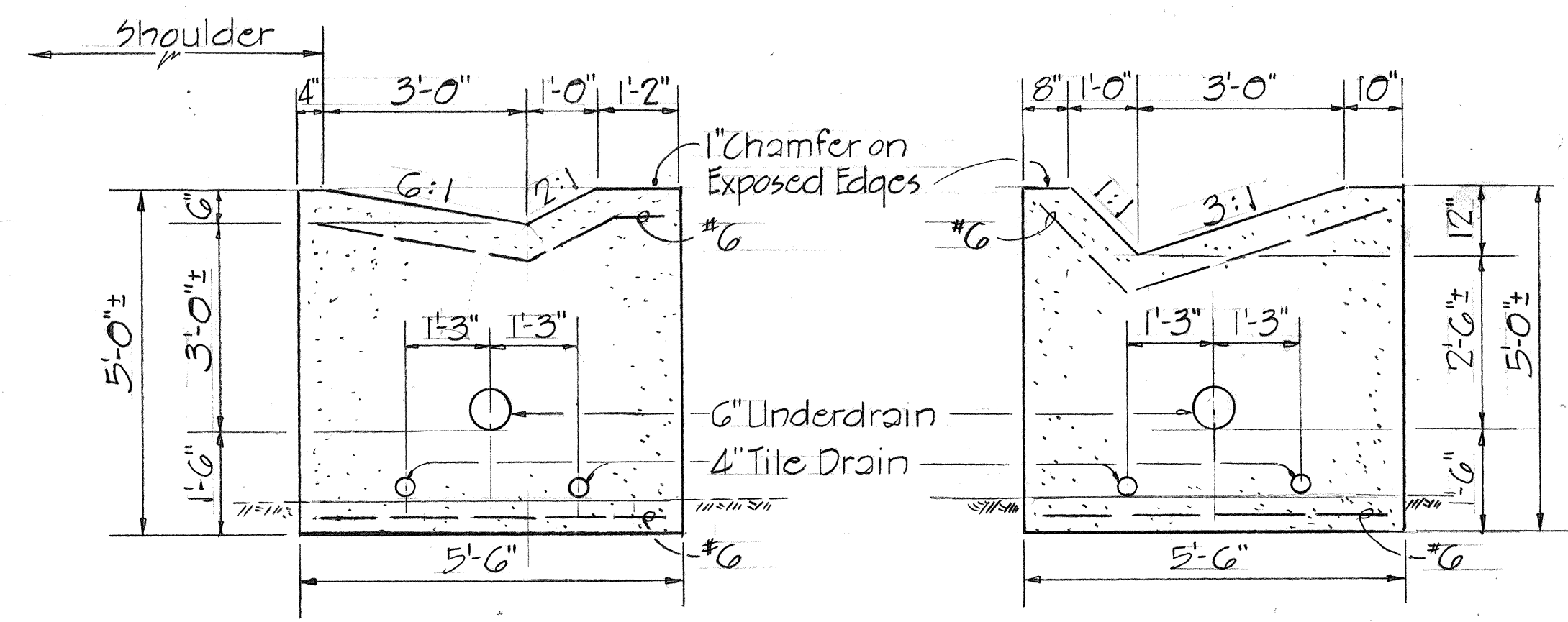
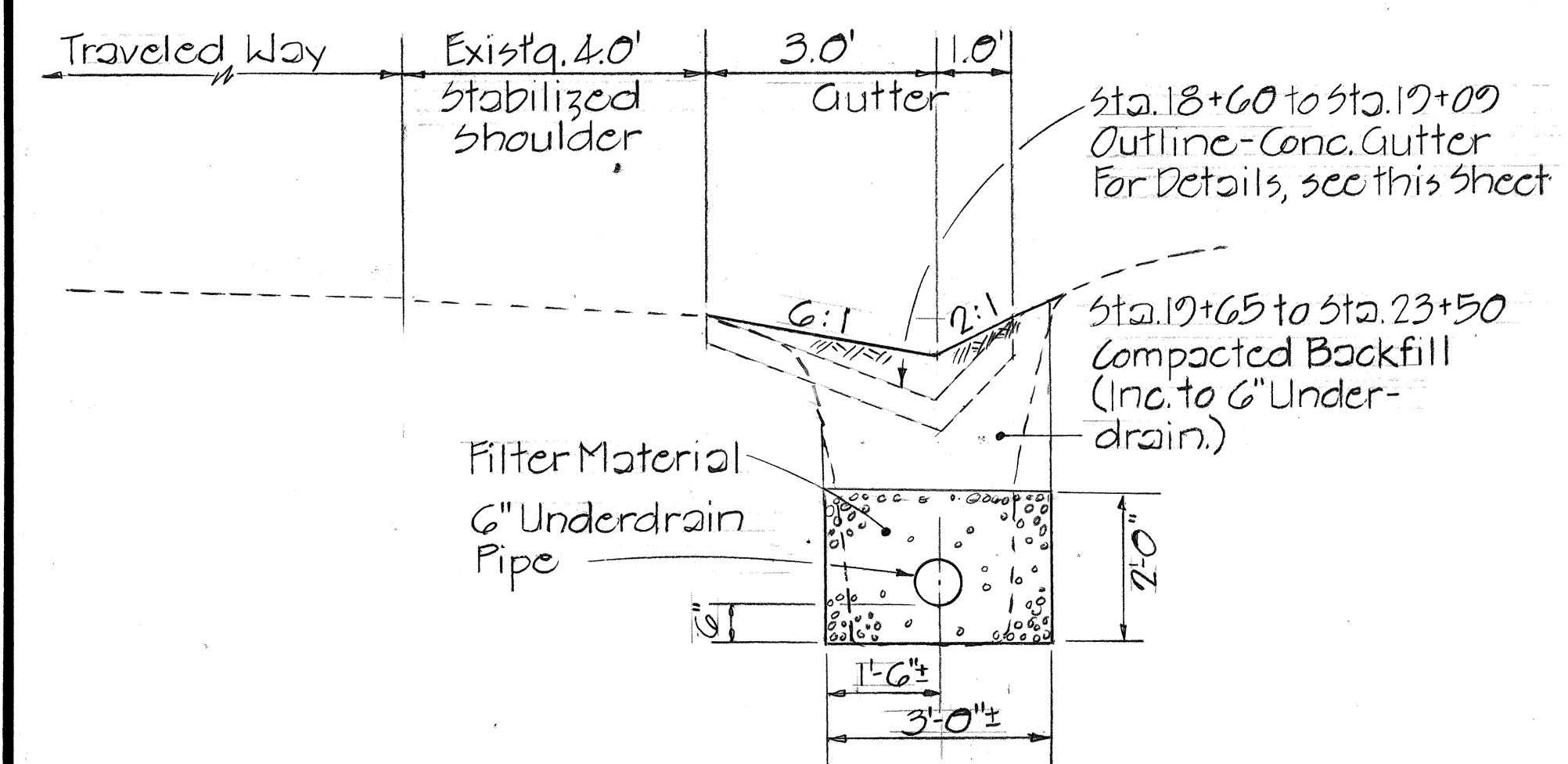
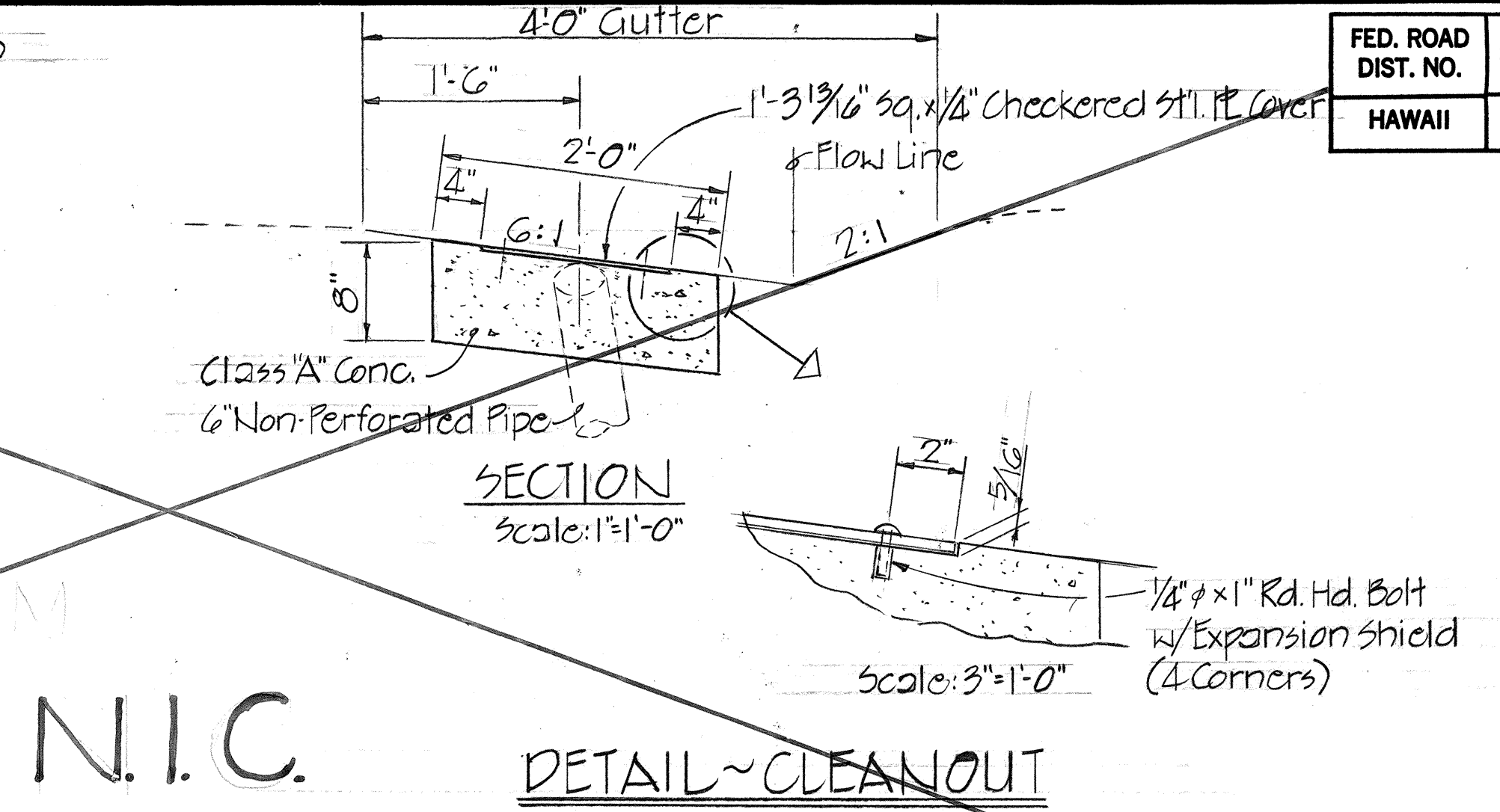
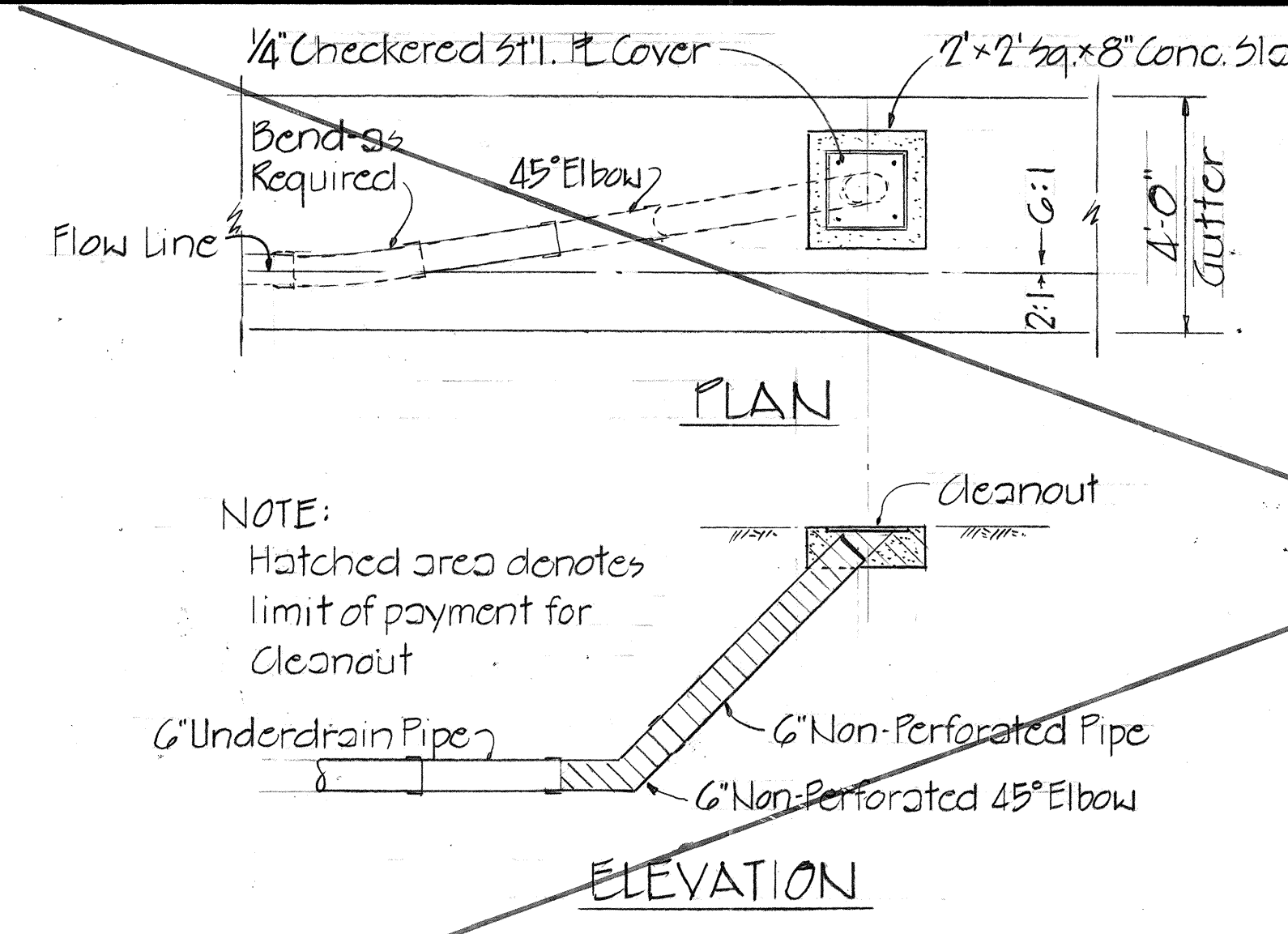
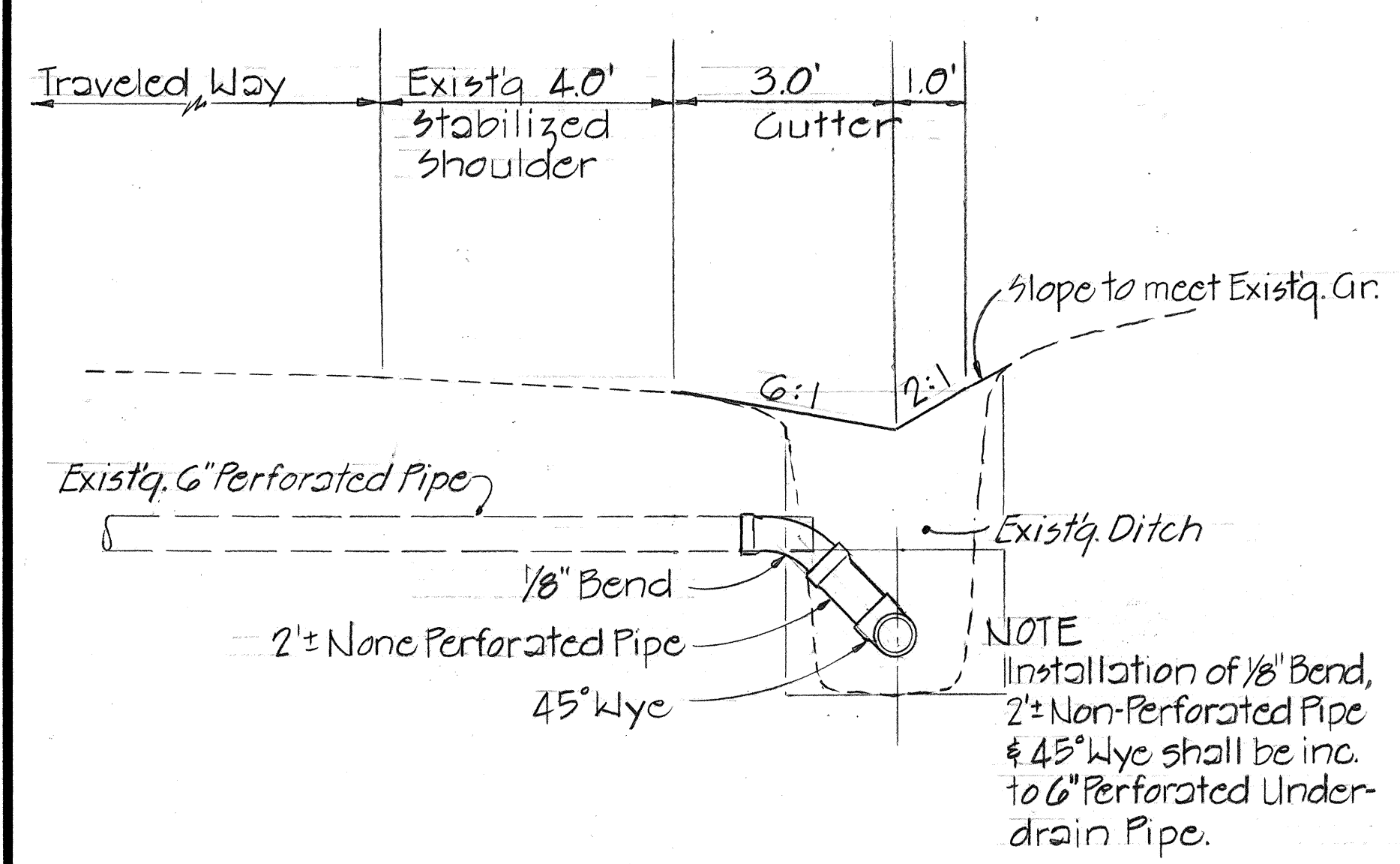
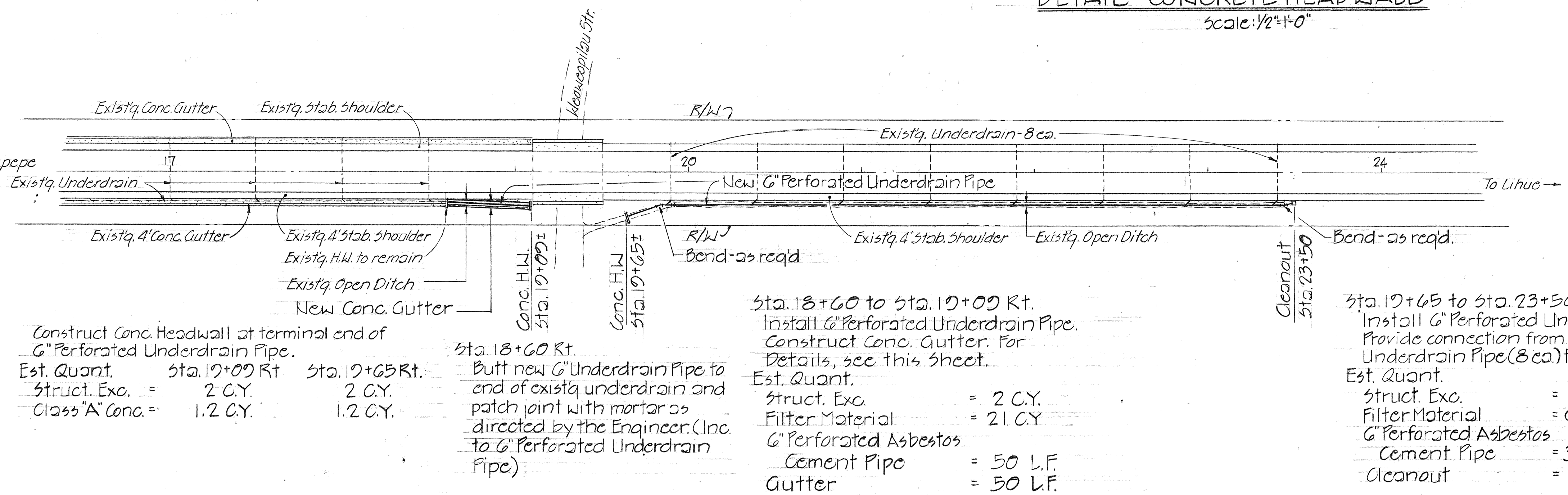
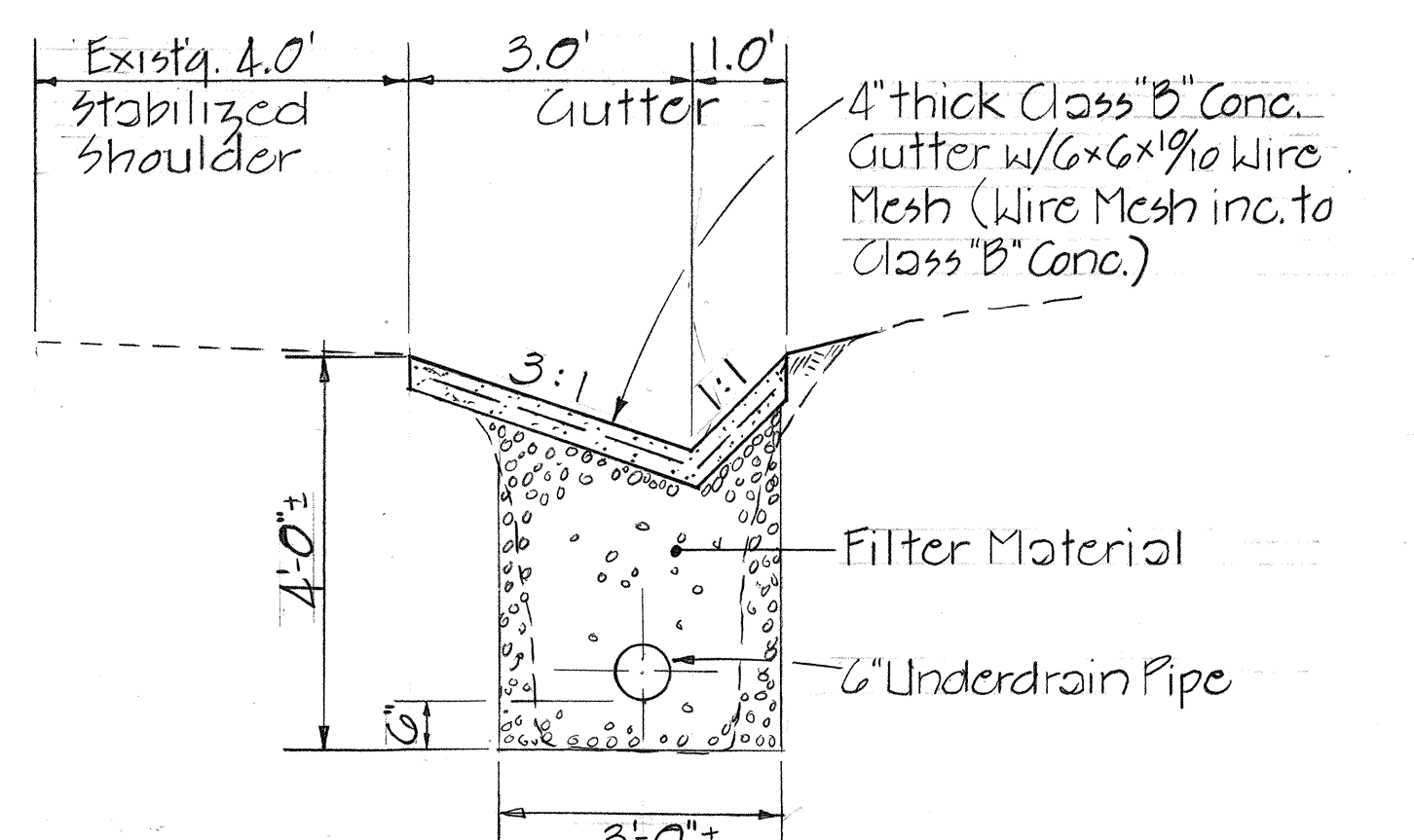


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-03-82	1982	7	14



DETAIL ~ CONCRETE HEADWALL
Scale: 1/2" = 1'-0"



Construct Conc. Headwall at terminal end of 6" Perforated Underdrain Pipe.

Est. Quant.	Sta. 19+09 Rt.	Sta. 19+65 Rt.
Struct. Exa.	2 C.Y.	2 C.Y.
Class "A" Conc.	1.2 C.Y.	1.2 C.Y.

Sta. 18+60 Rt. Butt new 6" Underdrain Pipe to end of existg underdrain and patch joint with mortar as directed by the Engineer. (Inc. to 6" Perforated Underdrain Pipe)

Est. Quant.	
Struct. Exa.	2 C.Y.
Filter Material	21 C.Y.
6" Perforated Asbestos	
Cement Pipe	50 L.F.
Gutter	50 L.F.

Sta. 18+60 to Sta. 19+09 Rt. Install 6" Perforated Underdrain Pipe. Construct Conc. Gutter. For Details, see this sheet.

Est. Quant.	
Struct. Exa.	5 C.Y.
Filter Material	64 C.Y.
6" Perforated Asbestos	
Cement Pipe	380 L.F.
Cleanout	1 Ea.

Sta. 19+65 to Sta. 23+50 Rt. Install 6" Perforated Underdrain Pipe. Provide connection from existg. transverse Underdrain Pipe (8 ea.) to New 6" Underdrain.