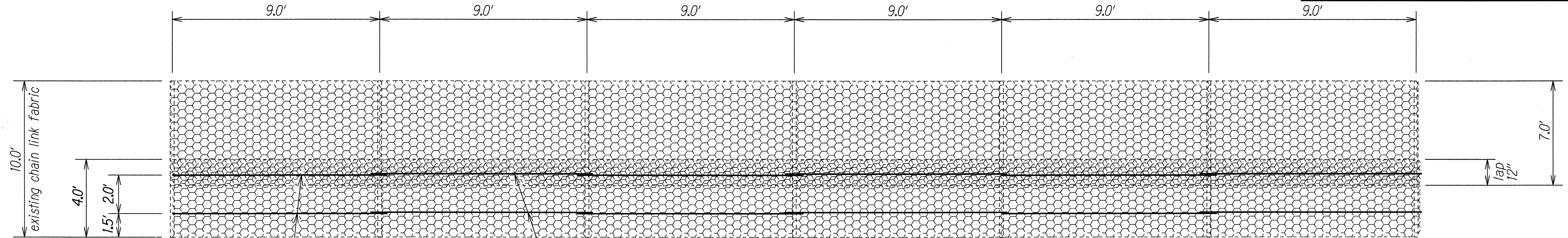
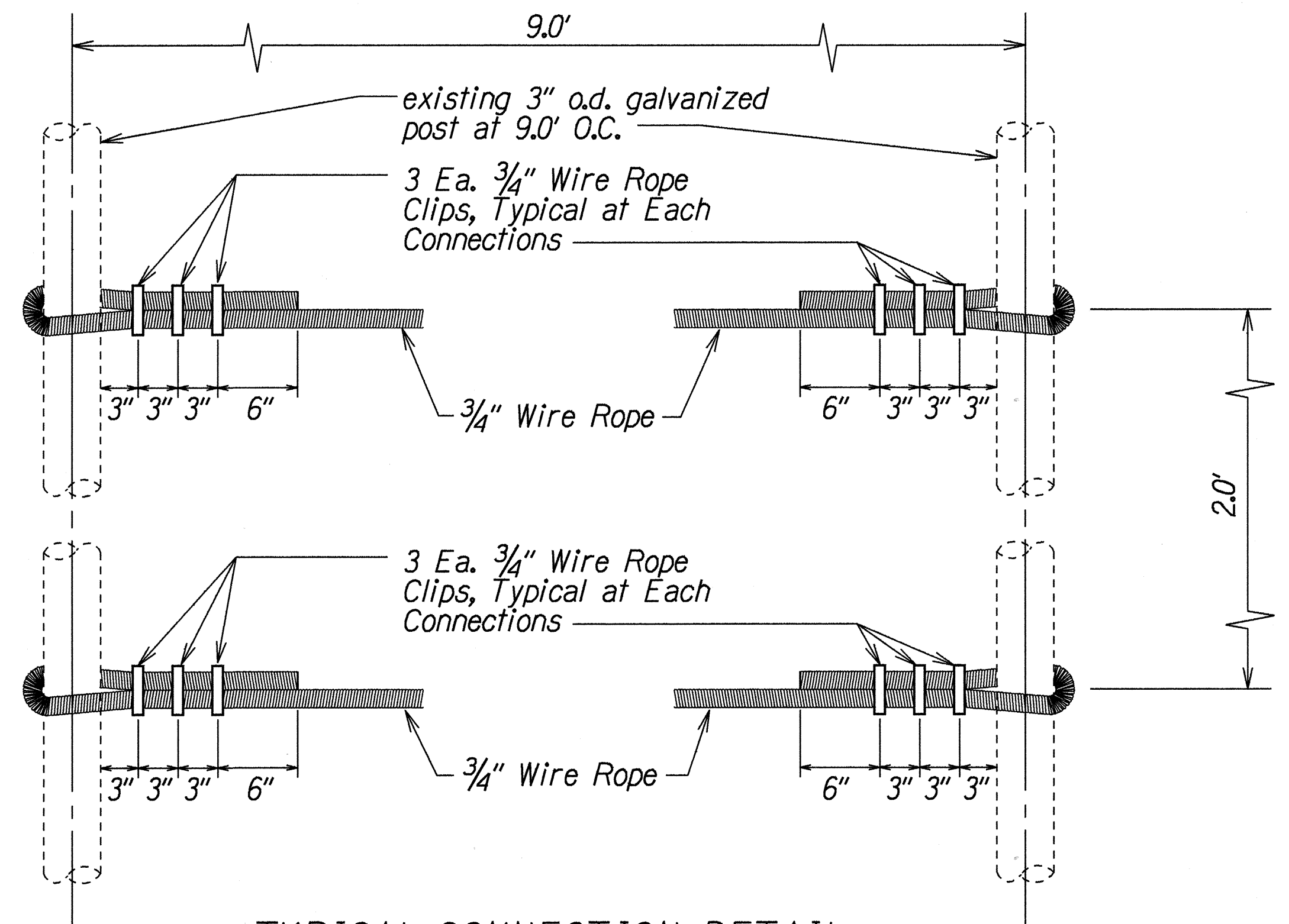


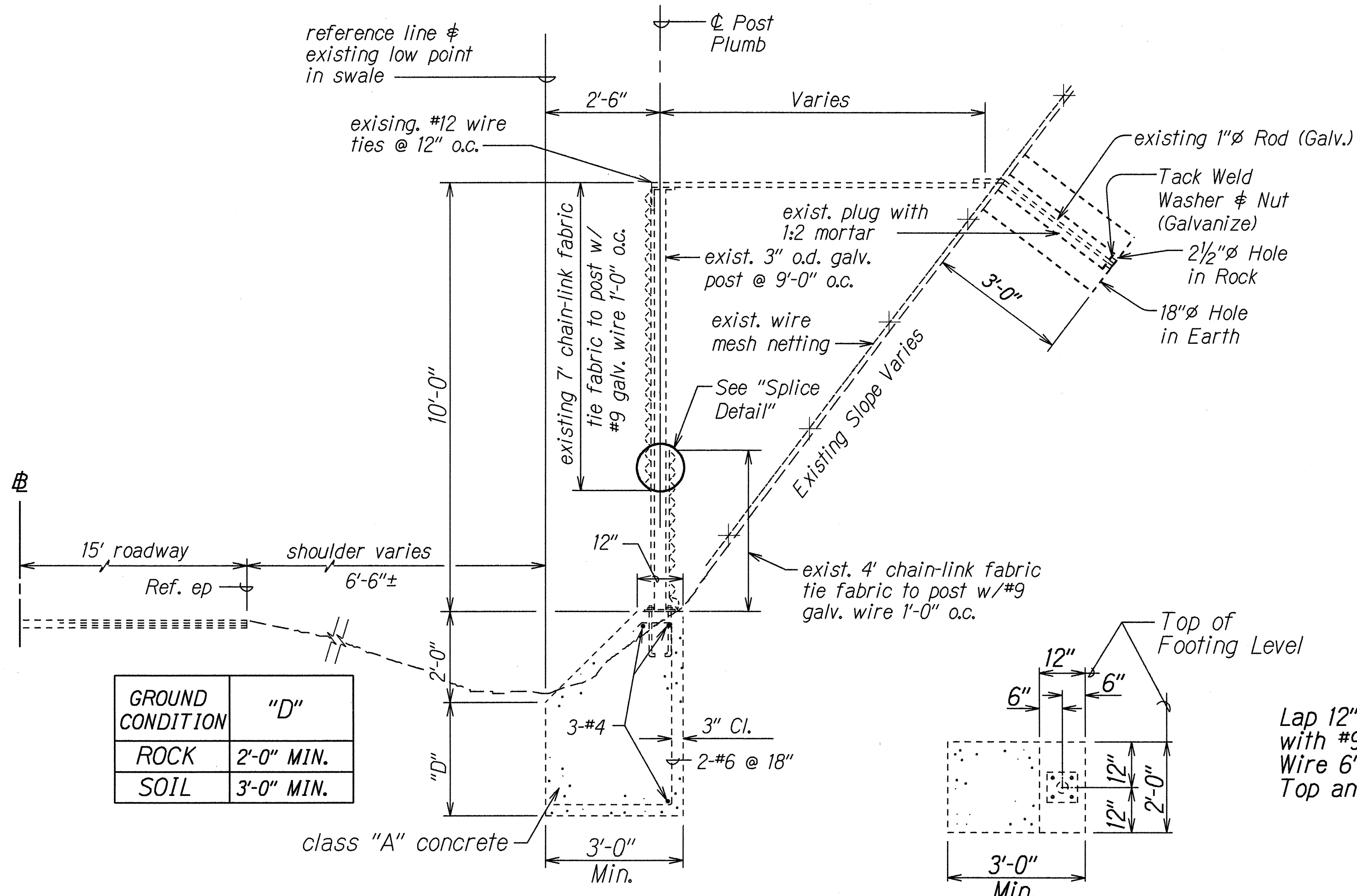
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-01-98	1998	4	9



ELEVATION
Not To Scale



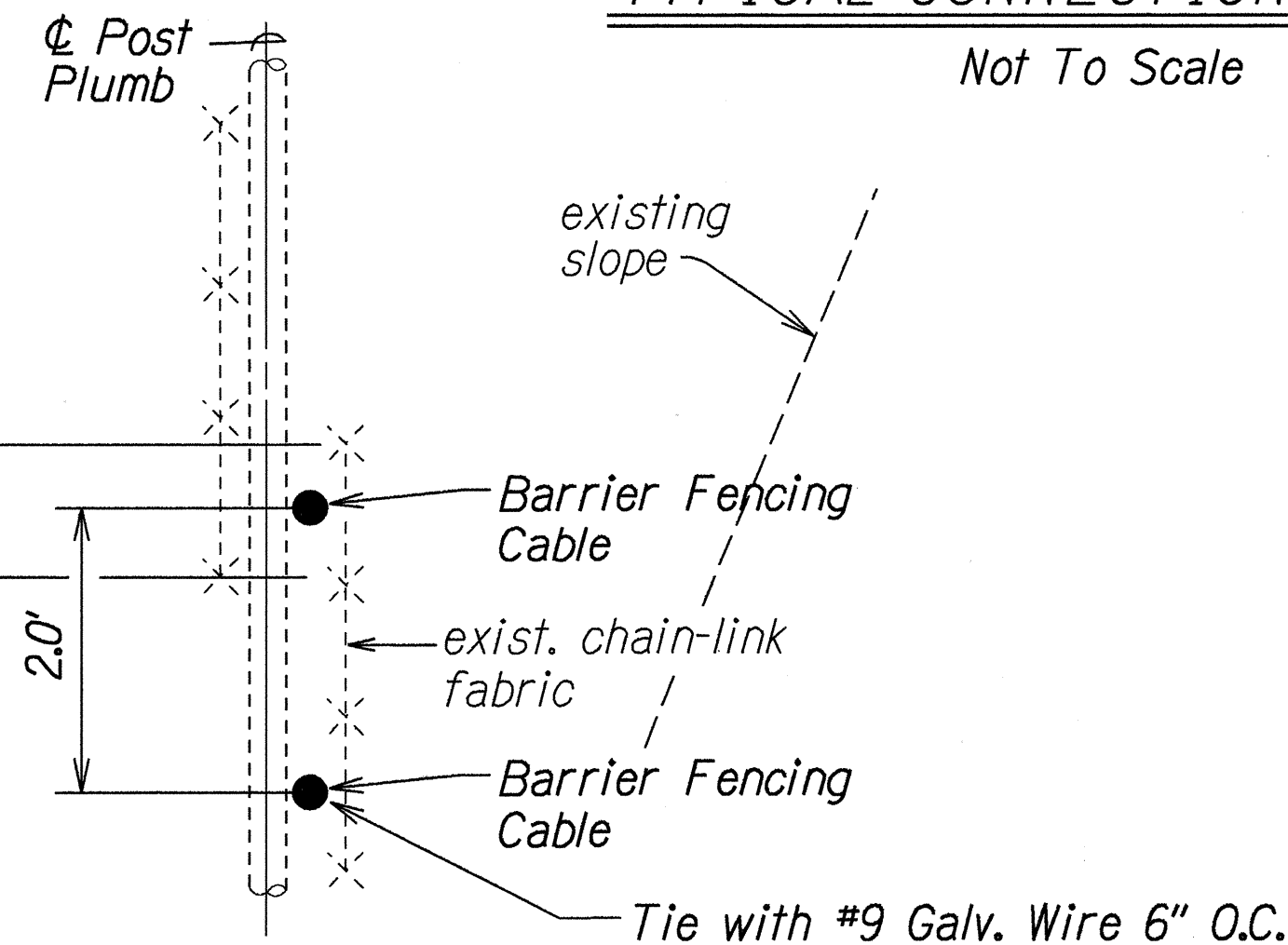
TYPICAL CONNECTION DETAIL
Not To Scale



SECTION

PLAN

TYPICAL FENCE POST DETAILS
Not To Scale



SPLICE DETAIL
Scale: 3/4"=1'-0"

GROUND CONDITION	"D"
ROCK	2'-0" MIN.
SOIL	3'-0" MIN.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SAFETY IMPROVEMENT DETAILS

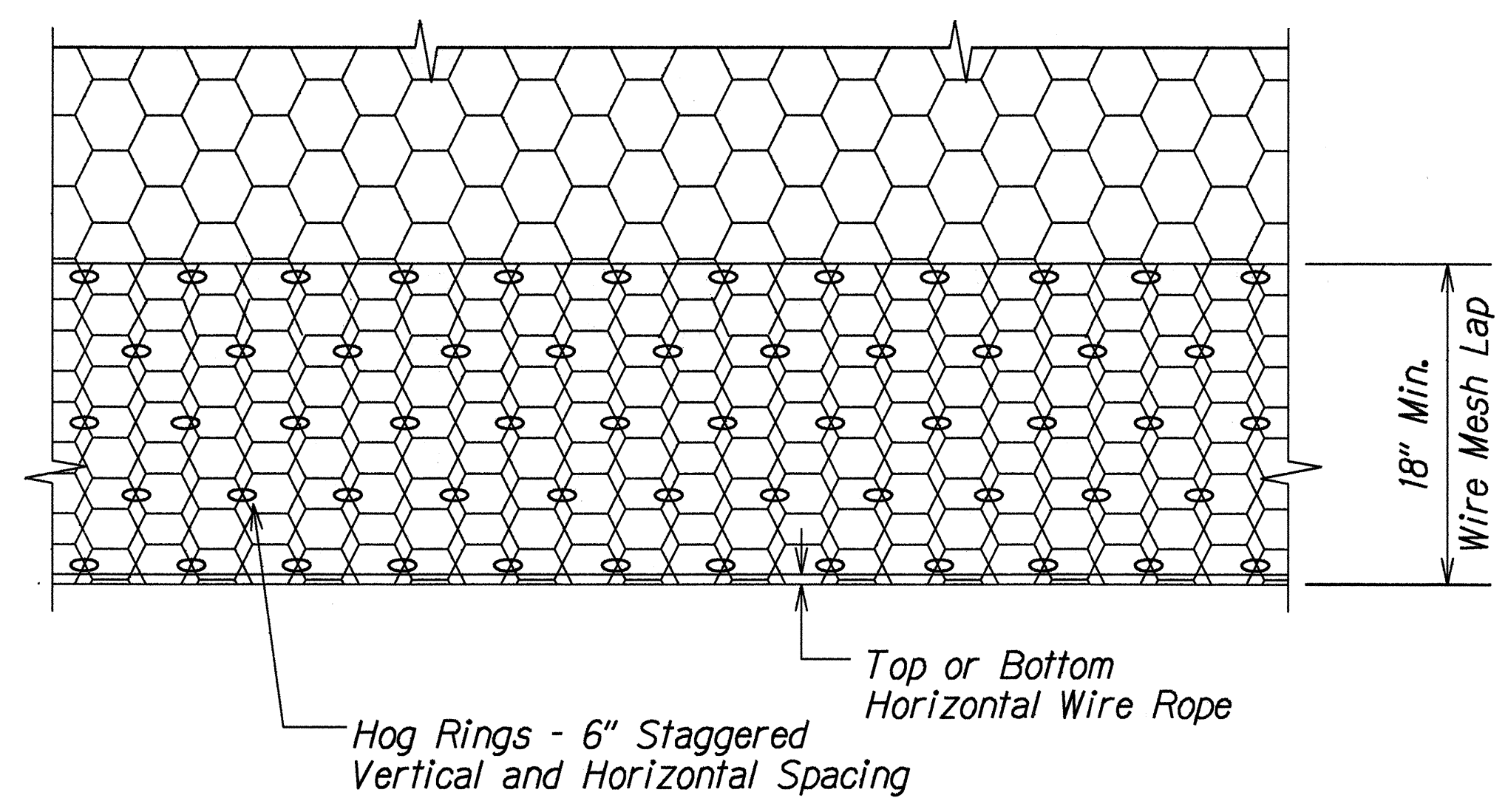
KAMEHAMEHA HIGHWAY
ROCKFALL PROTECTION
Kipapa Gulch towards Mililani, Phase III
Project No. 99C-01-98

Scale: As Shown Date: Sept., 1997

SHEET No. 2 OF 2 SHEETS

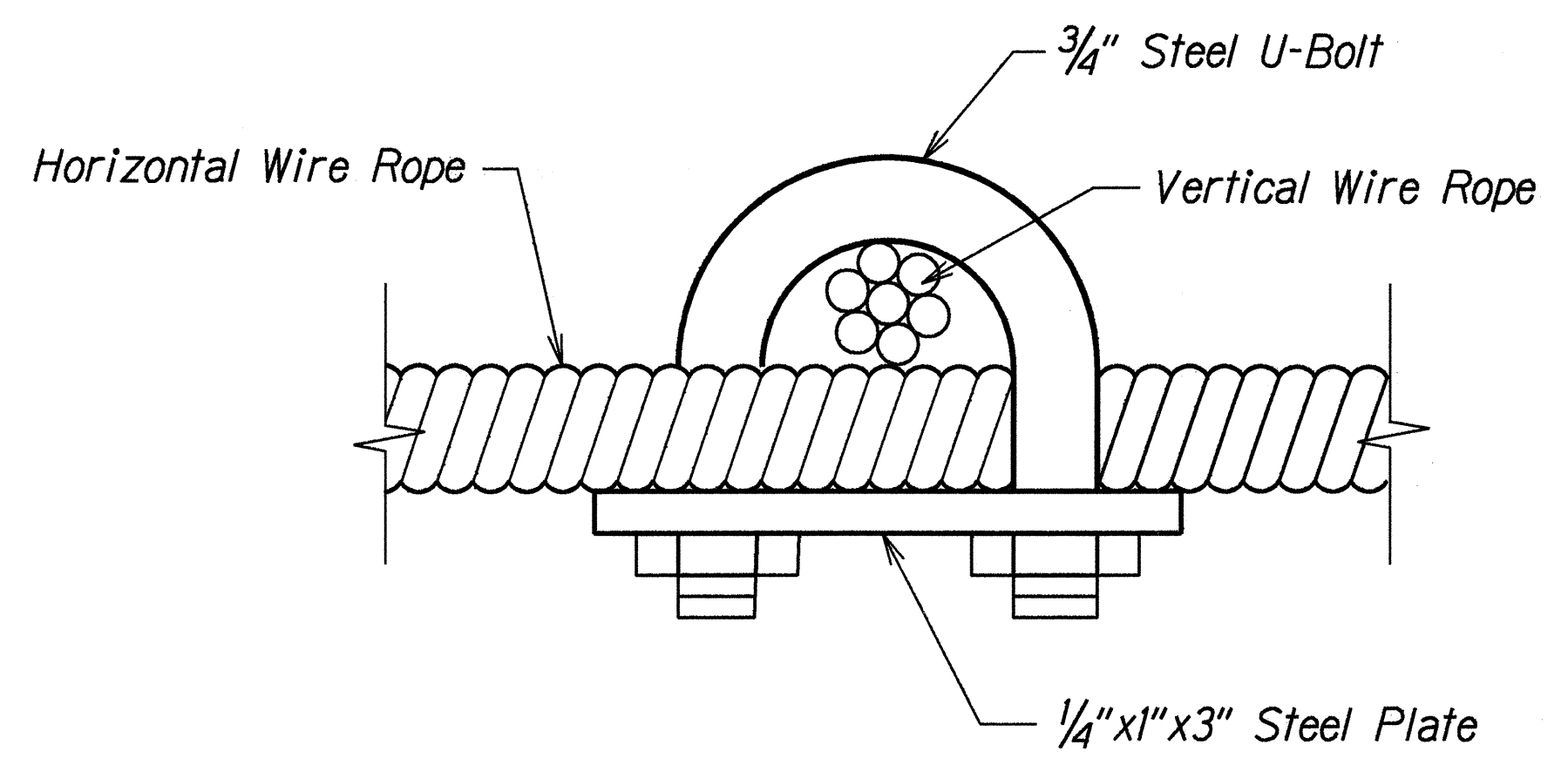
DATE	10/23/98
SURVEY PLOTTED BY	
DESIGNED BY	J. Fullinwider, J. Taniguchi
NOTED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-01-98	1998	6	9



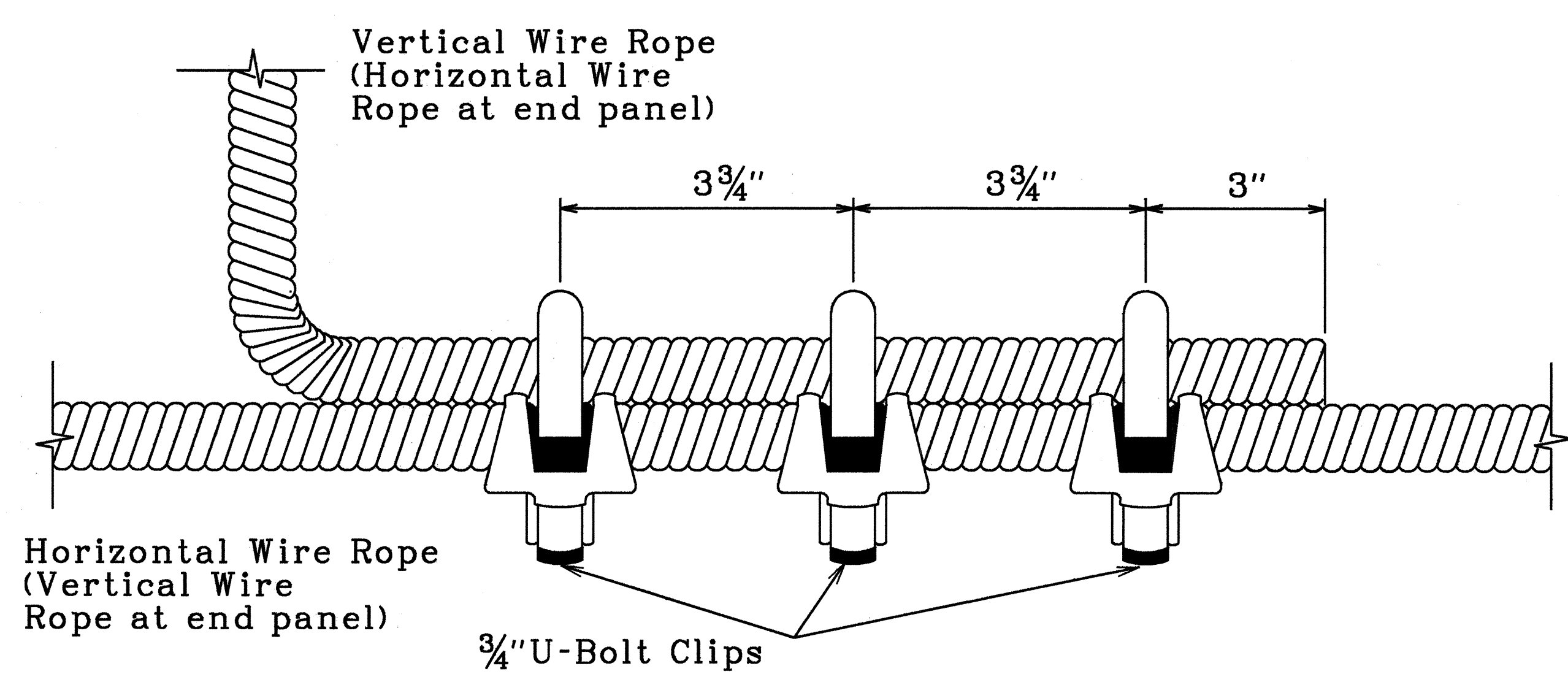
OVERLAPPING DETAIL AT TOP OR BOTTOM HORIZONTAL WIRE ROPE

Not to Scale



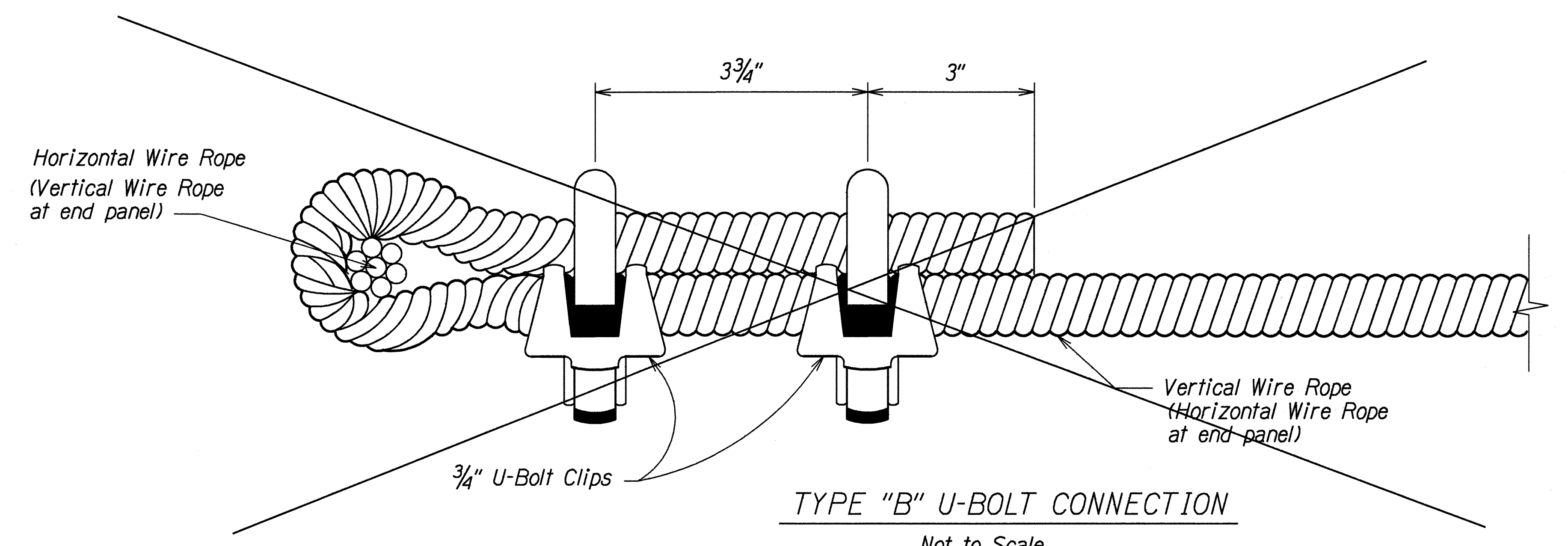
TYPE "A" U-BOLT CONNECTION

Not to Scale



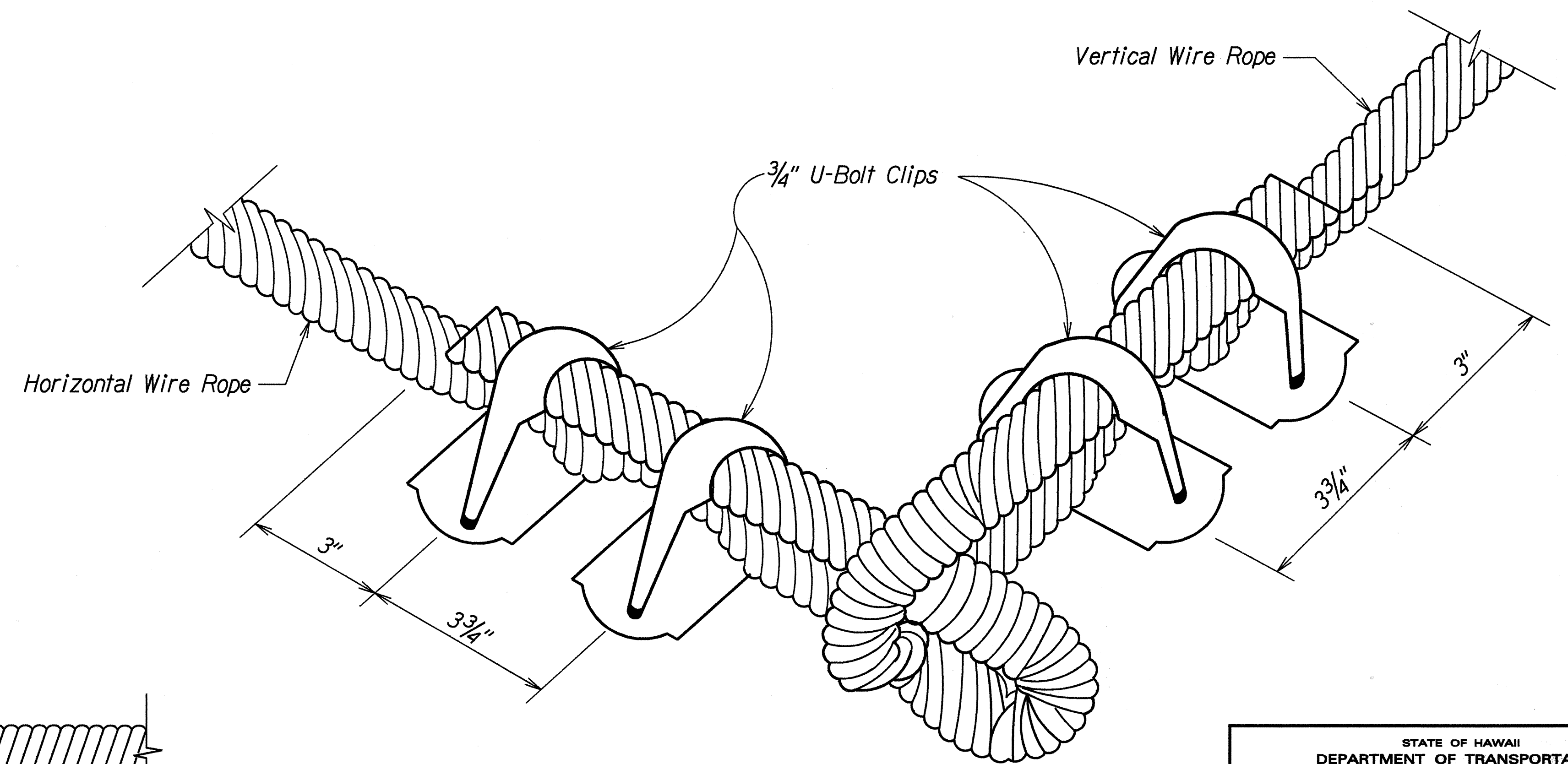
TYPE "B" U-BOLT CONNECTION

Not to Scale



TYPE "B" U-BOLT CONNECTION

Not to Scale



TYPE "C" U-BOLT CONNECTION

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

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

### DETAILS

#### KAMEHAMEHA HIGHWAY

#### ROCKFALL PROTECTION

Kipapa Gulch towards Mililani, Phase III

Project No. 99C-01-98

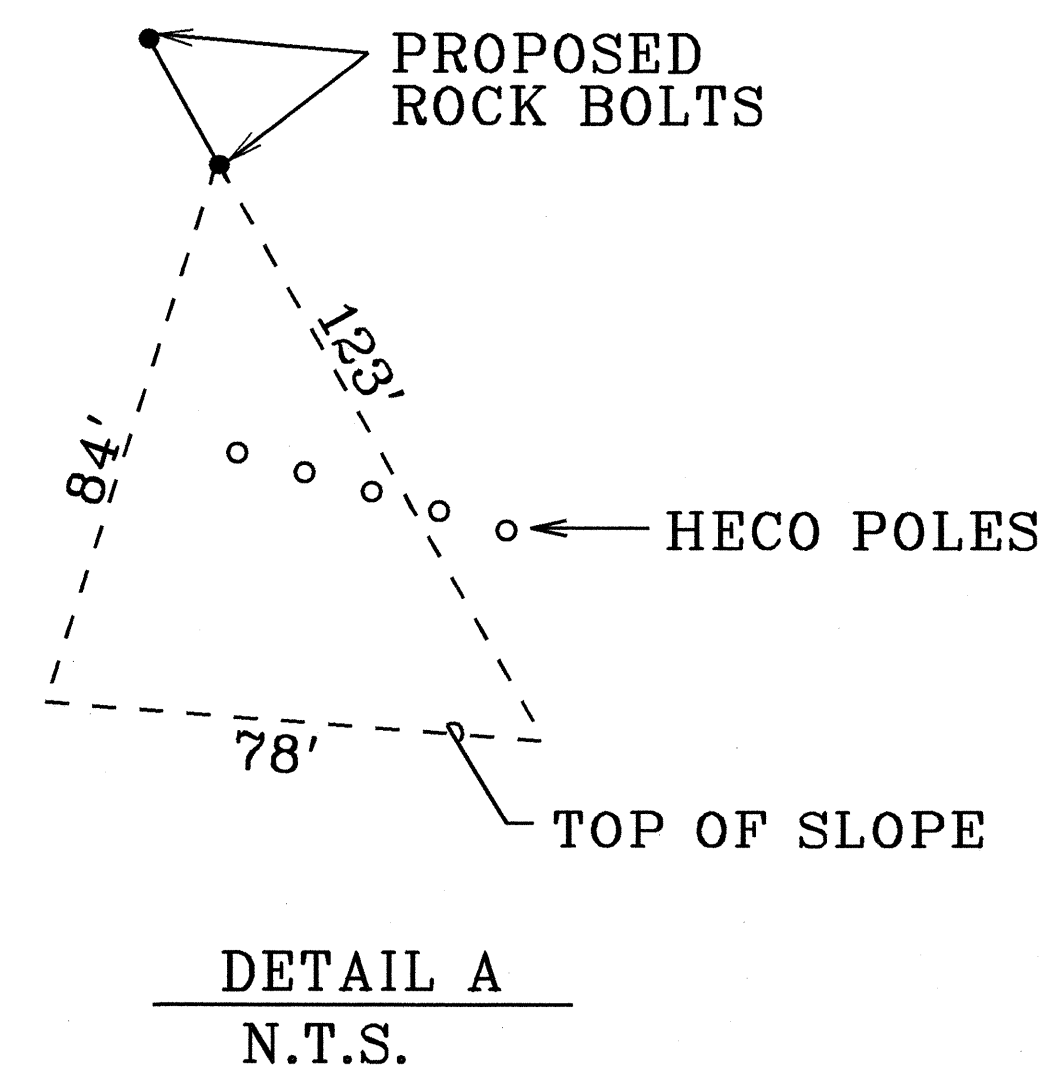
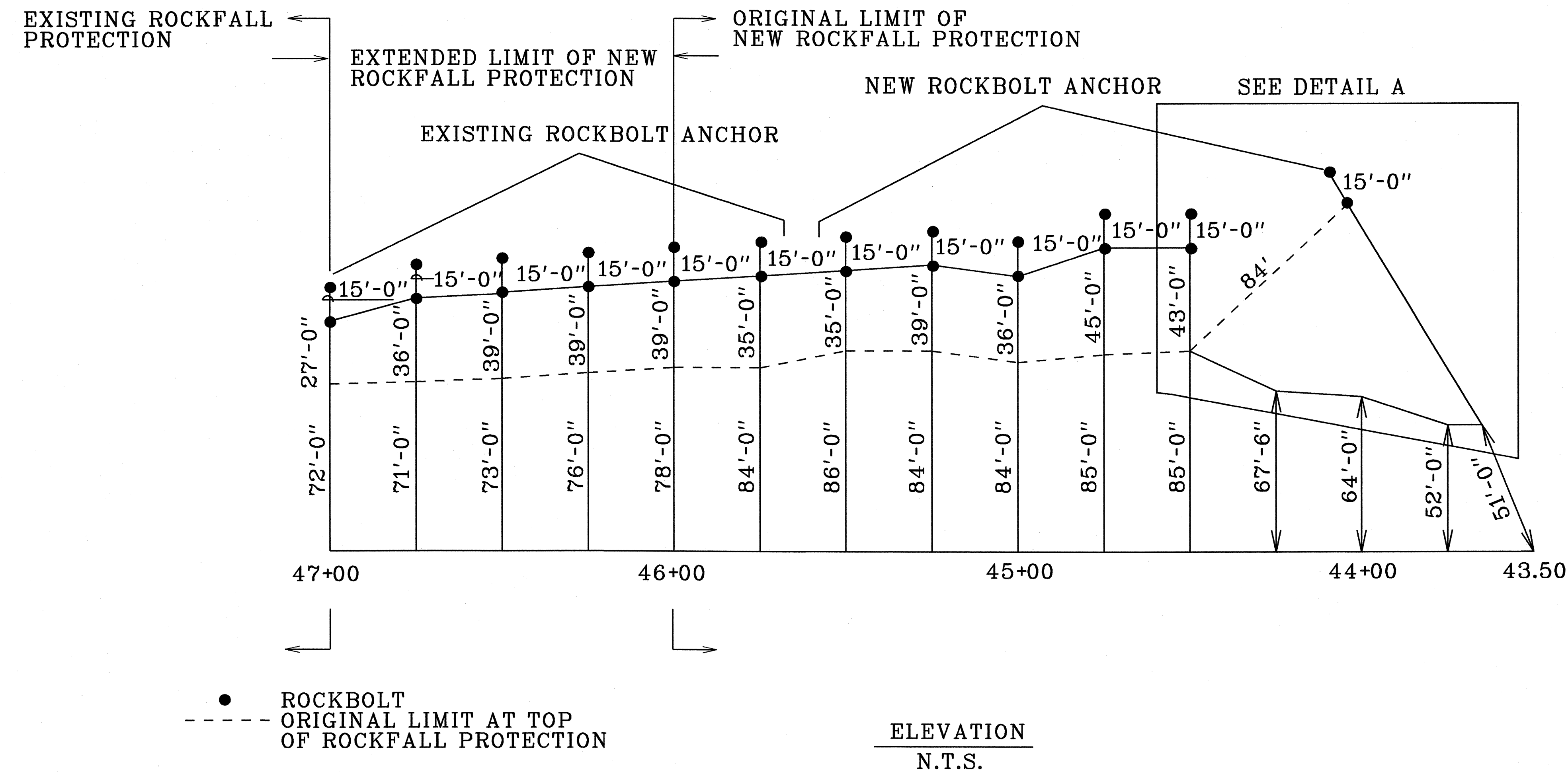
Not to Scale Date: Feb., 1998

SHEET No. 2 OF 2 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	12/23/98
QUANTITIES BY	
CHECKED BY	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99C-01-98	1998	S6-1	9



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

**ELEVATION AND DETAIL "A"**  
*Kamehameha Highway Rockfall Protection  
Kipapa Gulch towards Mililani, Phase III  
Project No. 99C-01-98*

Not to Scale
Date: Feb., 1998

SHEET No. 1 OF 1 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	6/10/98
DESIGNED BY	CHECKED BY	
QUANTITIES BY		
CHECKED BY		

"AS-BUILT"

6S-1