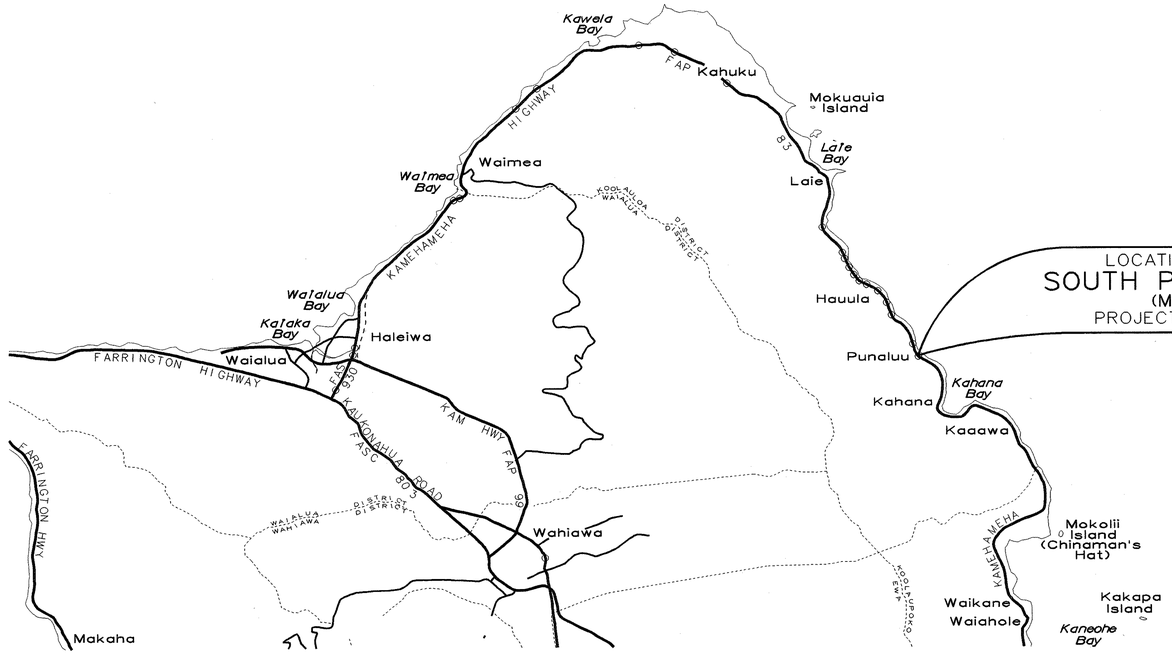
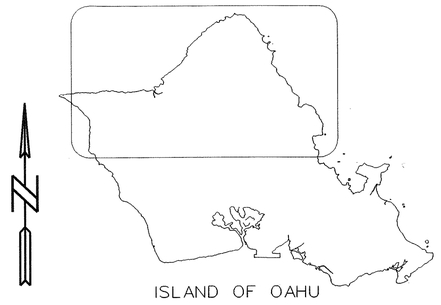
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83D-01-90M	1991	3	4



LOCATION OF PROJECT
SOUTH PUNALUU BRIDGE
(M.P. 24.42)
PROJECT NO. 83D-01-90M



ISLAND OF OAHU

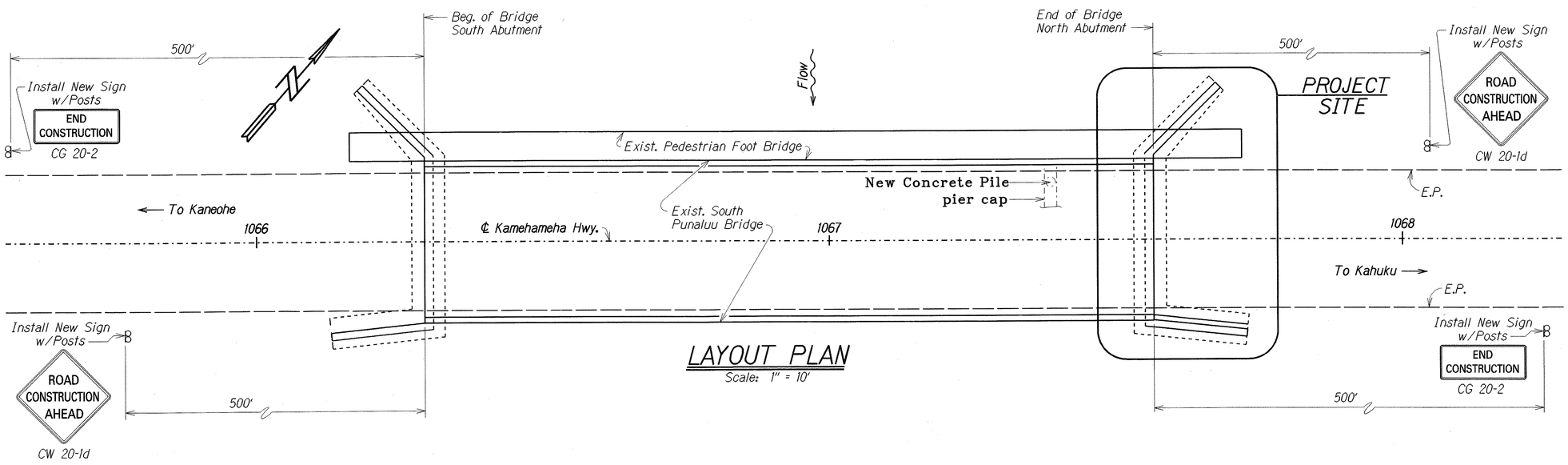
LOCATION MAP
Not to Scale

GENERAL NOTES:

1. See Standard Specifications of Road and Bridge Construction (Hawaii 1985) and Special Provisions.
2. Sacked concrete wall shown is for illustration purpose only. Actual dimensions are to be determined by the Engineer in the field.
3. The contractor is directed to Subsection 107.16 Protection of Property, Subsection 104.04 Maintenance of Traffic and Subsection 107.13 Public Convenience.
4. Any damage to the existing structures due to the Contractor's operation shall be repaired at his expense, to the satisfaction of the Engineer.
5. The contractor shall verify all dimensions in the field before commencing with work.
6. The contractor shall verify the location of all existing utility lines near structure and notify their respective owners before commencing with work.
7. All items noted incidental will not be paid for separately.

ESTIMATED QUANTITIES

DESCRIPTION	UNIT	QUANTITY
Special Structure excavation below water table	C.Y.	(150.00)
Structure Backfill	C.Y.	(90.00)
Seal Concrete in cavities	C.Y.	(40.00)
Sacked Concrete Wall (including sacks and galvanized reinforcing steel)	C.Y.	(50.00)



LAYOUT PLAN
Scale: 1" = 10'

LEGEND FOR AS-BUILT POSTINGS

~~	Squiggly line for as-built deletion
~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BRIDGE LOCATION MAP, LAYOUT PLAN, GENERAL NOTES AND ESTIMATED QUANTITIES
SOUTH PUNALUU BRIDGE REPAIR
KAMEHAMEHA HIGHWAY
Project No. 83D-01-90M

Scale: As Noted — Date: Nov, 1990

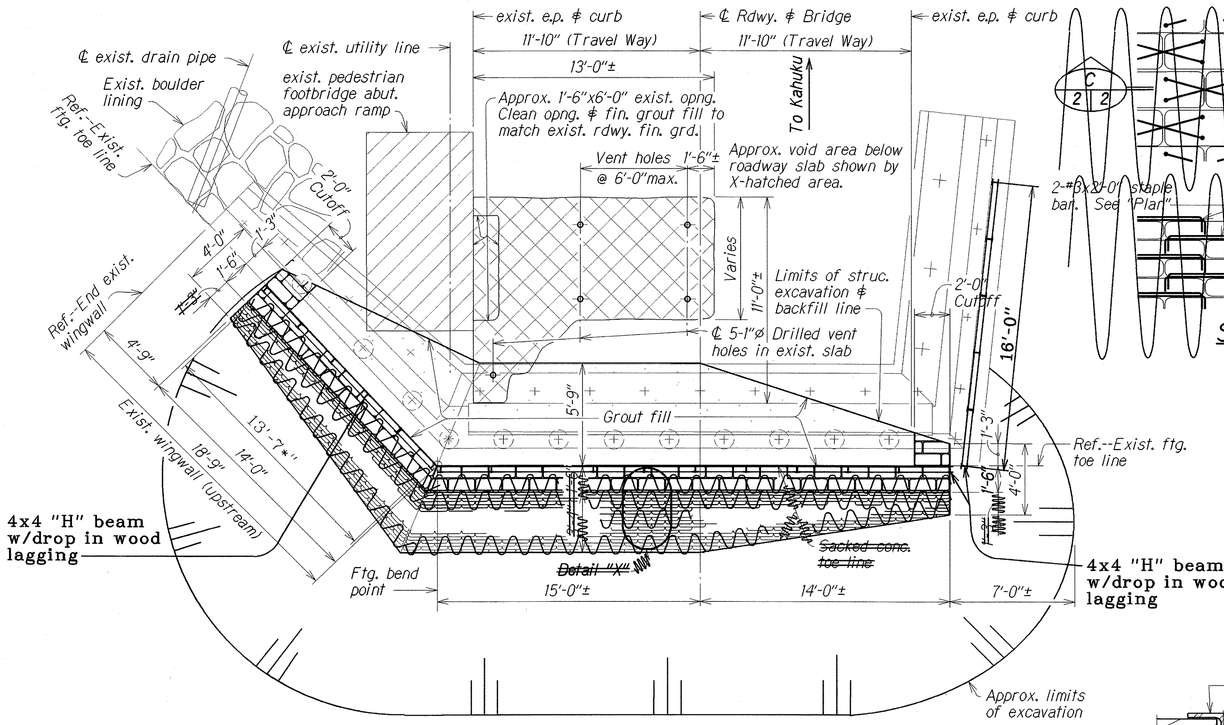
SHEET No. 1 OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE NOV 1990
	DRAWN BY SHT	NOV 1990
	TRACED BY	NOV 1990
	DESIGN FILE DESIGNED BY TS	NOV 1990
	N. ksg/spun1k QUANTITIES BY	
	CHECKED BY WCT	

vaxdb1/ksg/spun1k.dgn

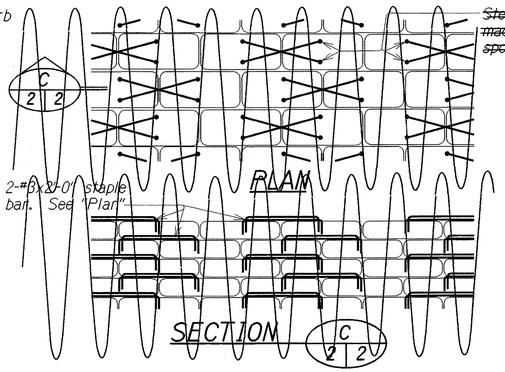
"AS-BUILT"

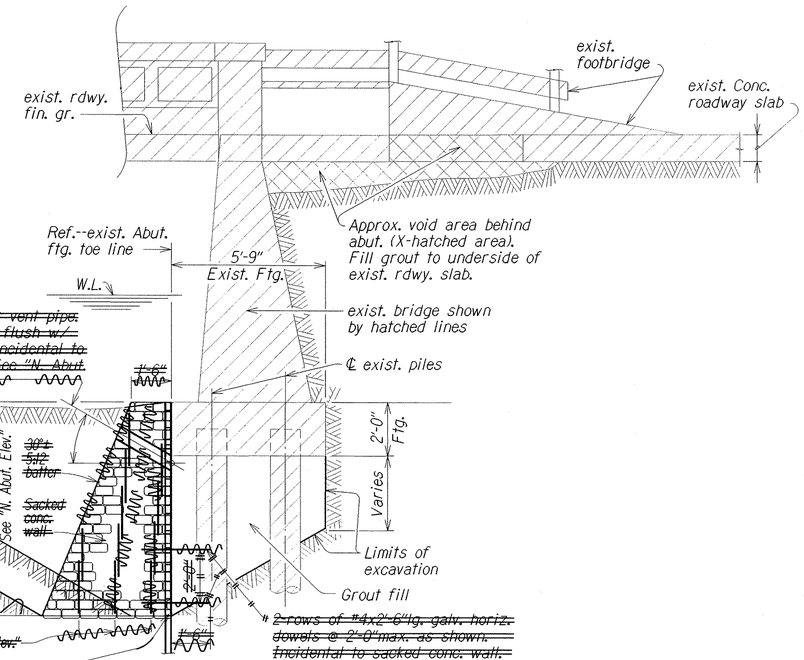
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	83D-01-90M	1991	4	4



NORTH ABUTMENT PLAN

Scale: 1/4" = 1'-0"

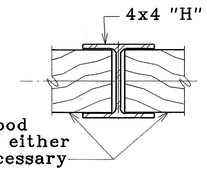




SECTION A 2 2

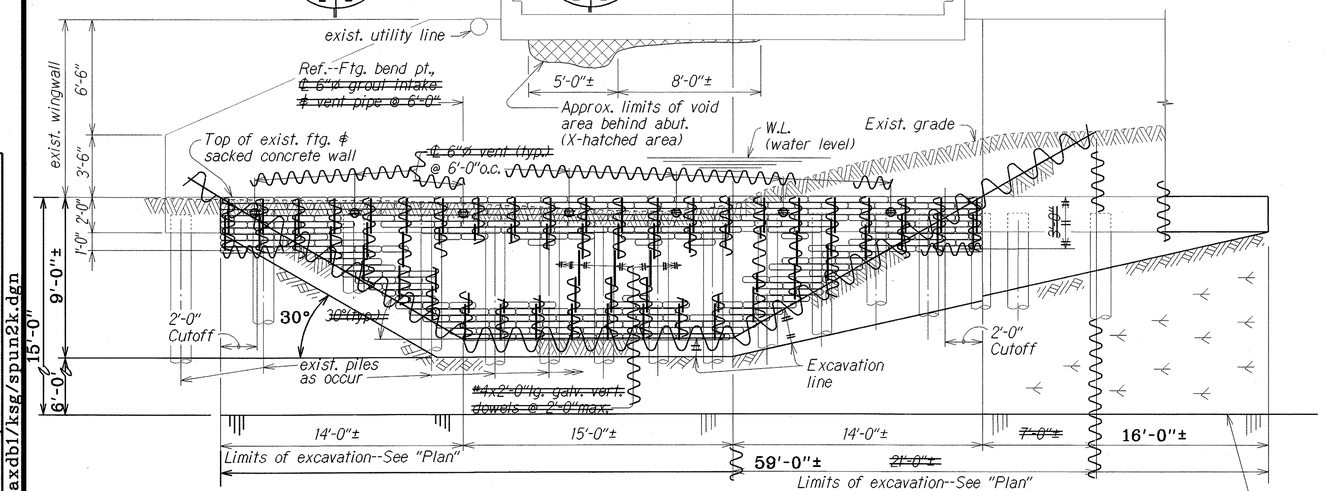
(AT EXISTING ABUTMENT)

Scale: 3/8" = 1'-0"



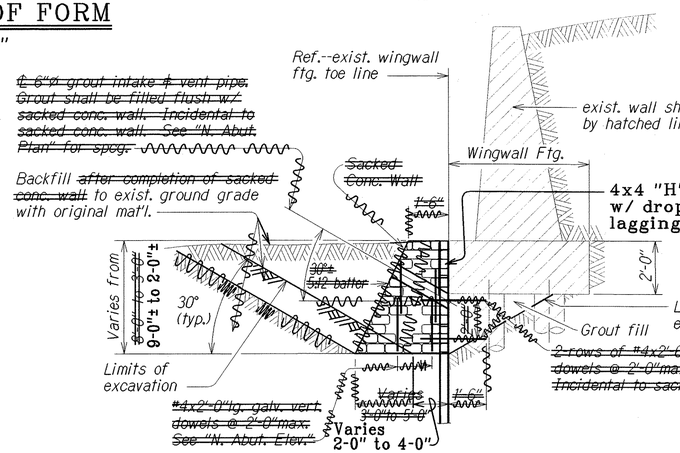
TYPICAL SECTION OF FORM

Scale: 3" = 1'-0"



NORTH ABUTMENT ELEVATION

Scale: 1/4" = 1'-0"



SECTION B 2 2

(AT EXISTING UPSTREAM WINGWALL)

Scale: 3/8" = 1'-0"

LEGEND FOR AS-BUILT POSTINGS

~~	Squiggly line for as-built deletion
~~100.00~~	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NORTH ABUTMENT PLAN AND ELEVATION, ABUTMENT AND WINGWALL SECTIONS

SOUTH PUNALUU BRIDGE REPAIR

KAMEHAMEHA HIGHWAY
Project No. 83D-01-90M

Scale: As Noted — Date: Nov, 1990

SHEET No. 2 OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	SHF	DATE	OCT 1990
	DRAWN BY			
	TRACED BY	FS		OCT 1990
DESIGN FILE	DESIGNED BY			OCT 1990
	QUANTITIES BY	MM		OCT 1990
No. spun2	CHECKED BY			

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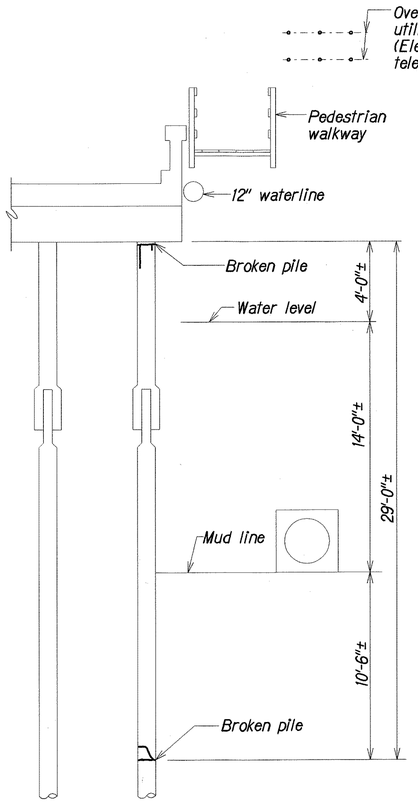
"AS-BUILT"

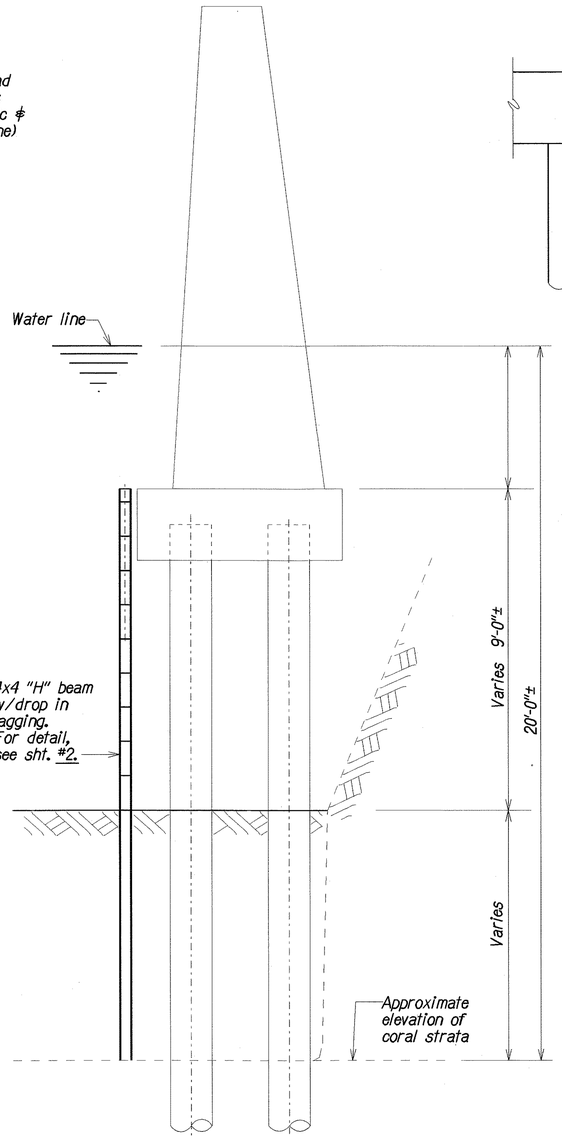
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	XXXXXXXXX	1993	XXX	XXX



ELEVATION AT BENT NO. 6

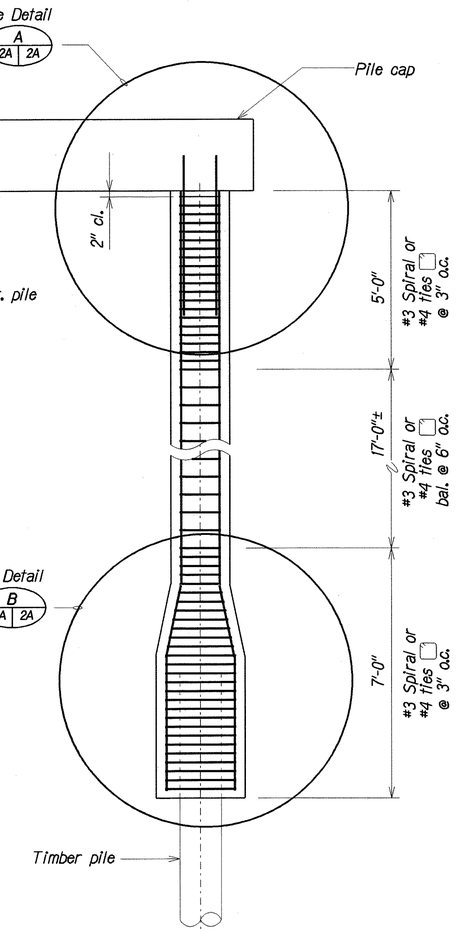
(LOOKING KANEOHE)

Scale: 1/4" = 1'-0"

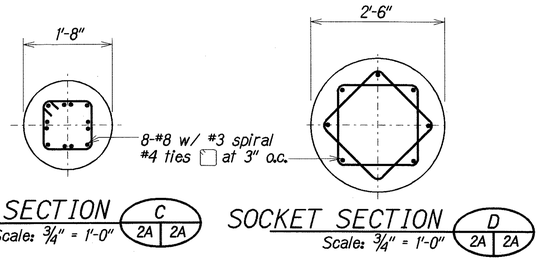


SECTION AT NORTH ABUTMENT

Scale: 1/2" = 1'-0"



PILE ELEVATION

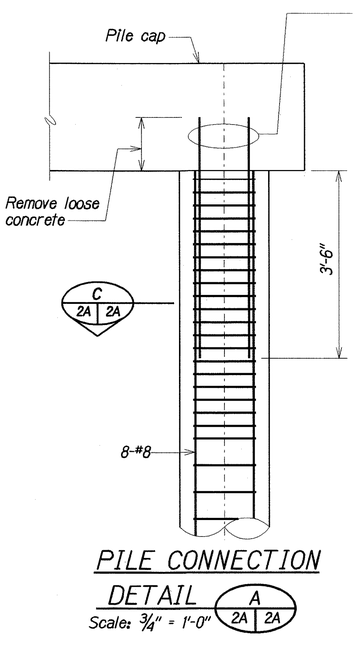


PILE SECTION C 2A 2A — Scale: 3/4" = 1'-0"

SOCKET SECTION D 2A 2A — Scale: 3/4" = 1'-0"

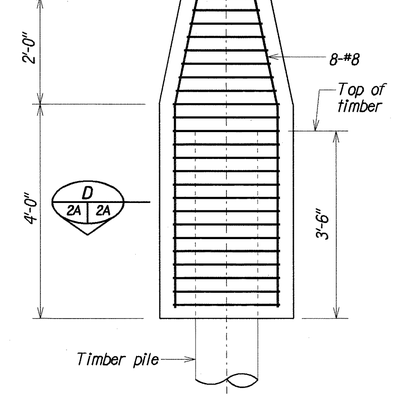
PILE DETAILS

Note: This tracing prepared during "As-Built" posting.



PILE CONNECTION DETAIL A 2A 2A

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



PILE SOCKET DETAIL B 2A 2A

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

NORTH ABUTMENT SECTION, ELEVATION AT BENT NO. 6 AND PILE DETAILS

SOUTH PUNALUU BRIDGE RAPAIR

KAMEHAMEHA HIGHWAY
Project No. 83-01-90M

Scale: As Noted — Date: Jan, 2001

SHEET No. 2A OF 2 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	HA	DATE	XXX 1997
	DRAWN BY			
NOTE BOOK	TRACED BY	XXX		XXX 1997
N: spun1.dgn	DESIGNED BY	XXX		XXX 1997
	QUANTITIES BY	XXX		XXX 1997
	CHECKED BY	XXX		XXX 1997

vaxdb1/ksg/spun3.dgn

"AS-BUILT"

4 S-1