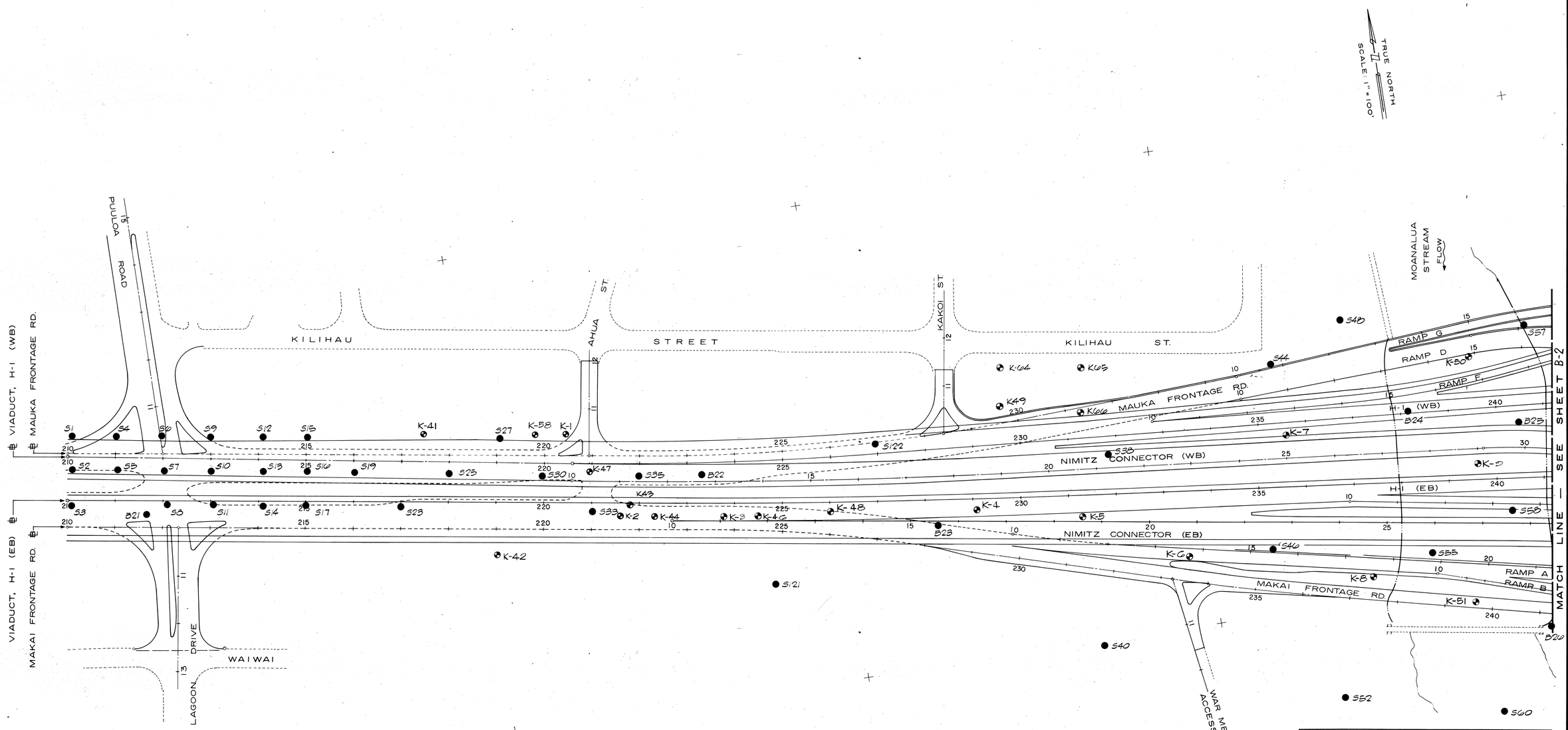
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(32):17	1983	68	192



LEGEND

VIADUCT STRUCTURE

BELOW VIADUCT ON GRADE

EXISTING

BORING LOCATIONS

'B' SERIES BORINGS DRILLED IN 1967

'S' SERIES BORINGS DRILLED IN 1970

'K' SERIES BORINGS DRILLED IN 1974

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE

BORING LOCATION PLAN

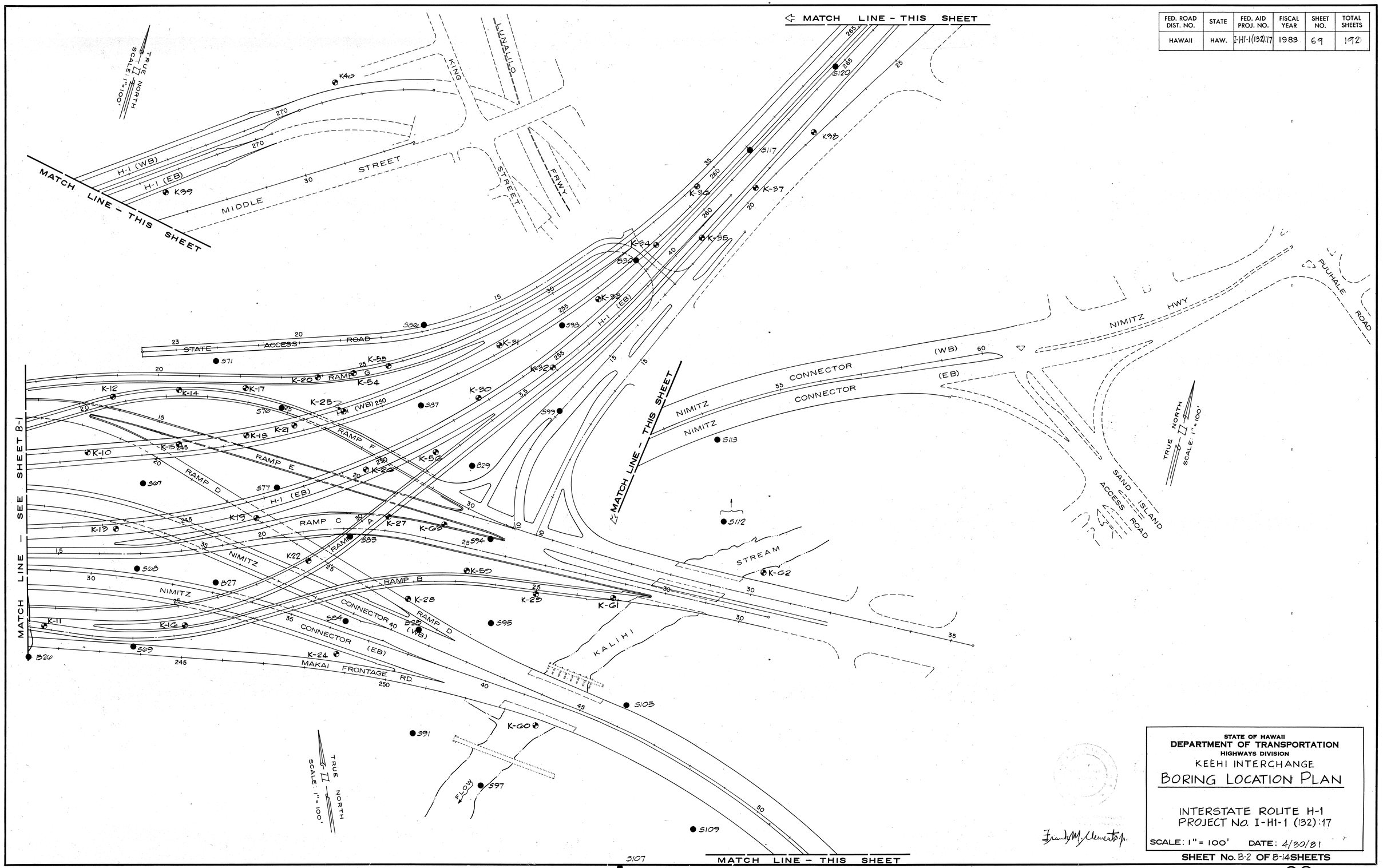
INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (32):17

SCALE: 1" = 100' DATE: 4/30/81

SHEET No. B-1 OF B-14 SHEETS

C-3-7

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	69	192



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE

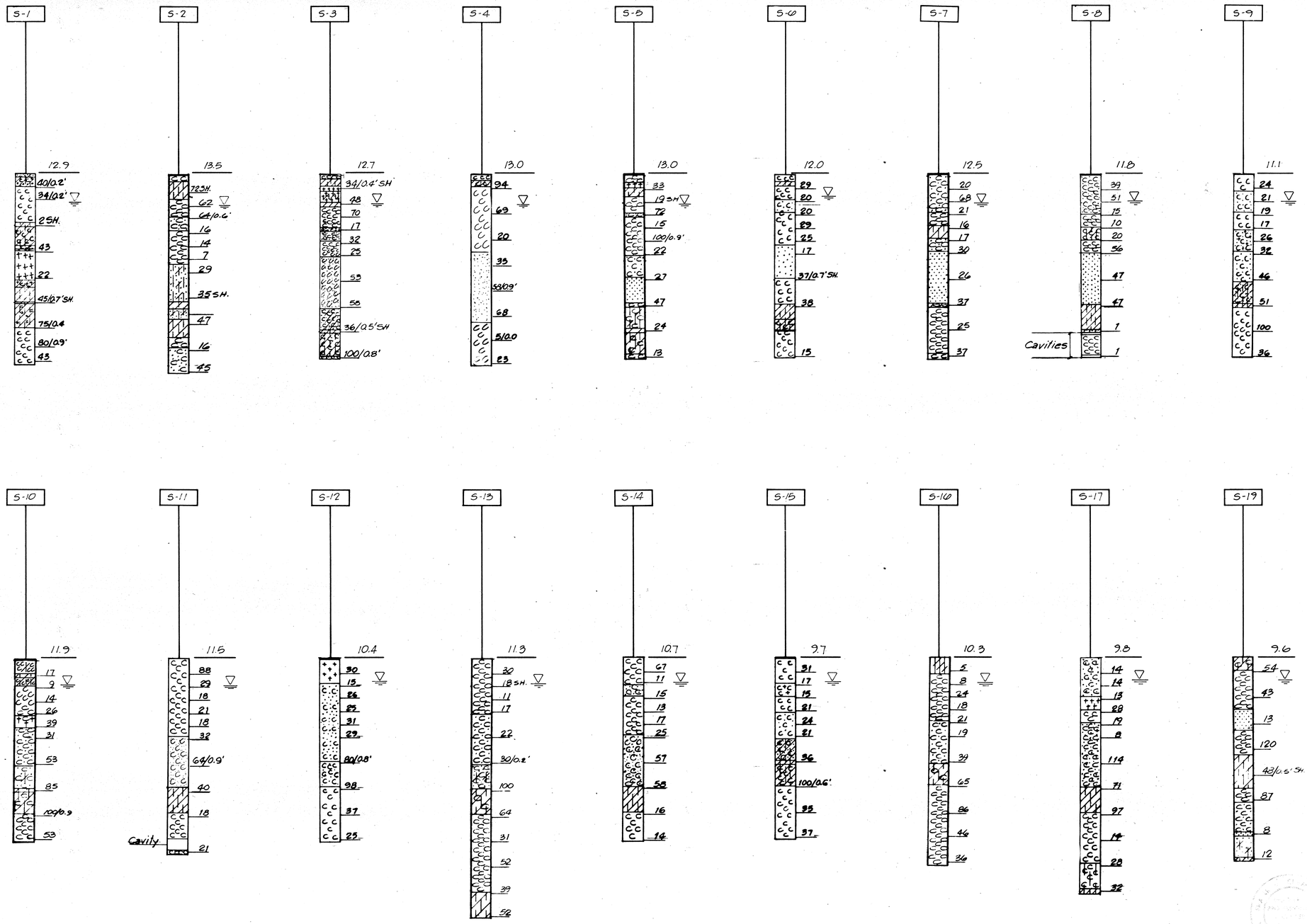
BORING LOCATION PLAN

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1" = 100' DATE: 4/30/81

SHEET No. B-2 OF B-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	70	192



GENERAL NOTES AND LEGEND FOR S & B BORINGS

S-24 ← BORING NUMBER

0.2 ← ORIGINAL GROUND SURFACE ELEVATION

Nx 92% PERCENT OF ROCK CORE RUN RECOVERED

SH. SHELBY TUBE
HYD. HYDRAULICALLY PRESSED

BASALT
CLINKER
TUFF
WEATHERED ROCK
CINDERS
BOULDERS
GRAVEL
CORAL
SAND
SILT
MUCK (ORGANIC SILT)
CLAY
CORAL W/ SAND
SAND W/ CORAL
SILTY CLAY
CLAYEY SILT

← WATER LEVEL

8 ← "N" - NUMBER OF BLOWS OF 140 LB. HAMMER FALLING 30" PER FOOT OF PENETRATION OF SAMPLER EITHER SPLIT SPOON (2" O.D., 1 3/8" I.D.) OR SHELBY TUBE (SH.). WHERE 'SH.' IS NOT LISTED, USE OF SPLIT SPOON SAMPLER IS UNDERSTOOD.

SOIL SYMBOLS REPRESENT A GENERALIZED CLASSIFICATION. FOR INSTANCE, "TRACE" QUANTITIES ARE NOT DEPICTED IN GRAPHIC LOG. THE DELINEATION OF DENSITIES OF GRANULAR MATERIALS (LOOSE, MEDIUM, ETC.) AND CONSISTENCIES OF COHESIVE SOILS (SOFT, FIRM, STIFF, ETC.) ARE NOT SHOWN OTHER THAN THE 'N' VALUES GIVEN AT SPECIFIC DEPTHS. SOIL COLORS ARE NOT GIVEN. SEE INSPECTORS LOGS FOR DETAILED CLASSIFICATION. INSPECTORS LOGS AND LABORATORY TEST DATA ARE AVAILABLE FOR CONTRACTORS USE UPON REQUEST.

BORING LOGS AND TEST DATA ARE SUPPLIED FOR THE CONVENIENCE OF BIDDERS ONLY AND THEIR USE IS SUBJECT TO ALL THE CONDITIONS AND LIMITATIONS SET FORTH IN SUBSECTION 102.05 OF THE STANDARD SPECIFICATIONS.

ORIGINAL PLAN	SURVEY PLOTTED BY
	DRAWN BY
	TRACED BY
NOTE BOOK	DESIGNED BY
	QUANTITIES BY
No.	CHECKED BY

DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE

BORING LOGS

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1" = 20' VERT. DATE: 4/30/81

SHEET No. B-3 OF B-14 SHEETS

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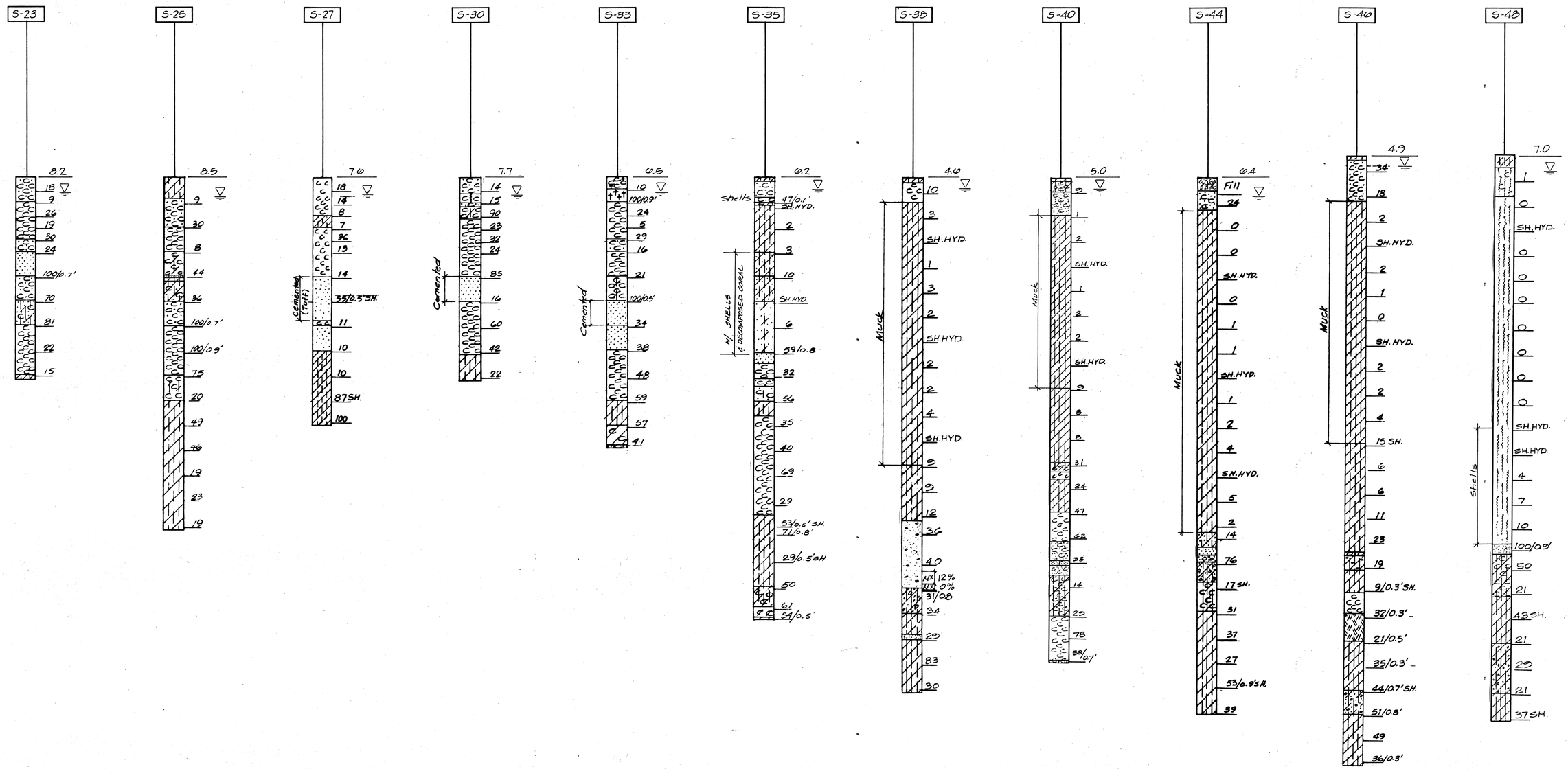
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132)17	1983	71	192



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132) 17

SCALE: 1" = 20' VERT. DATE: 4/30/81

PREPARED BY
SUPERVISION

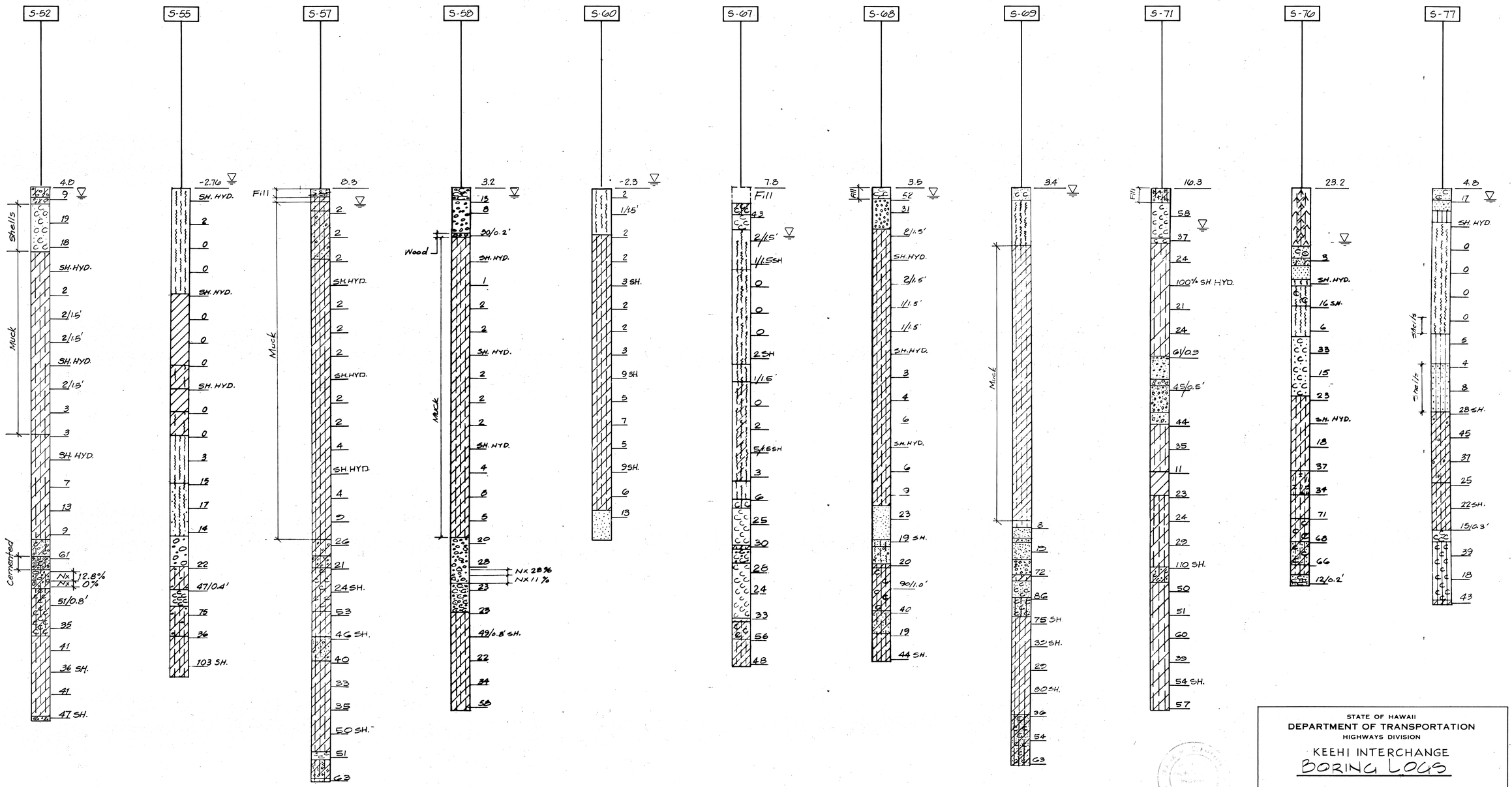
Frank M. Clements Jr.

SHEET No. B-4 OF B-14 SHEETS

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

PRINTED ON NO. 1000H CLEARPRINT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	72	192



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1"=20' VERT. DATE: 4/30/81

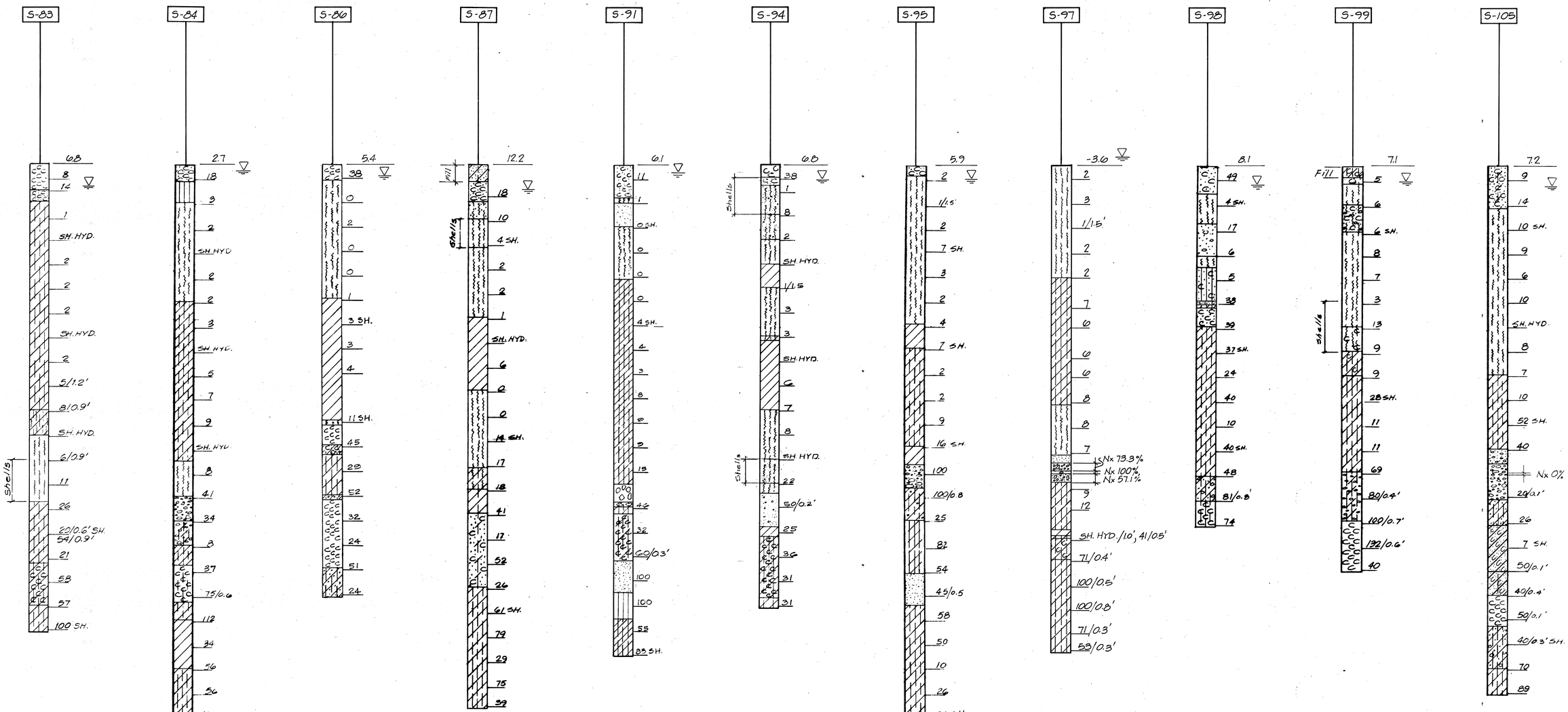
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Frank M. Clementson

SHEET No. B-5 OF B-14 SHEETS

PRINTED ON NO. 1000H CLEARPRINT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132)17	1983	73	192



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

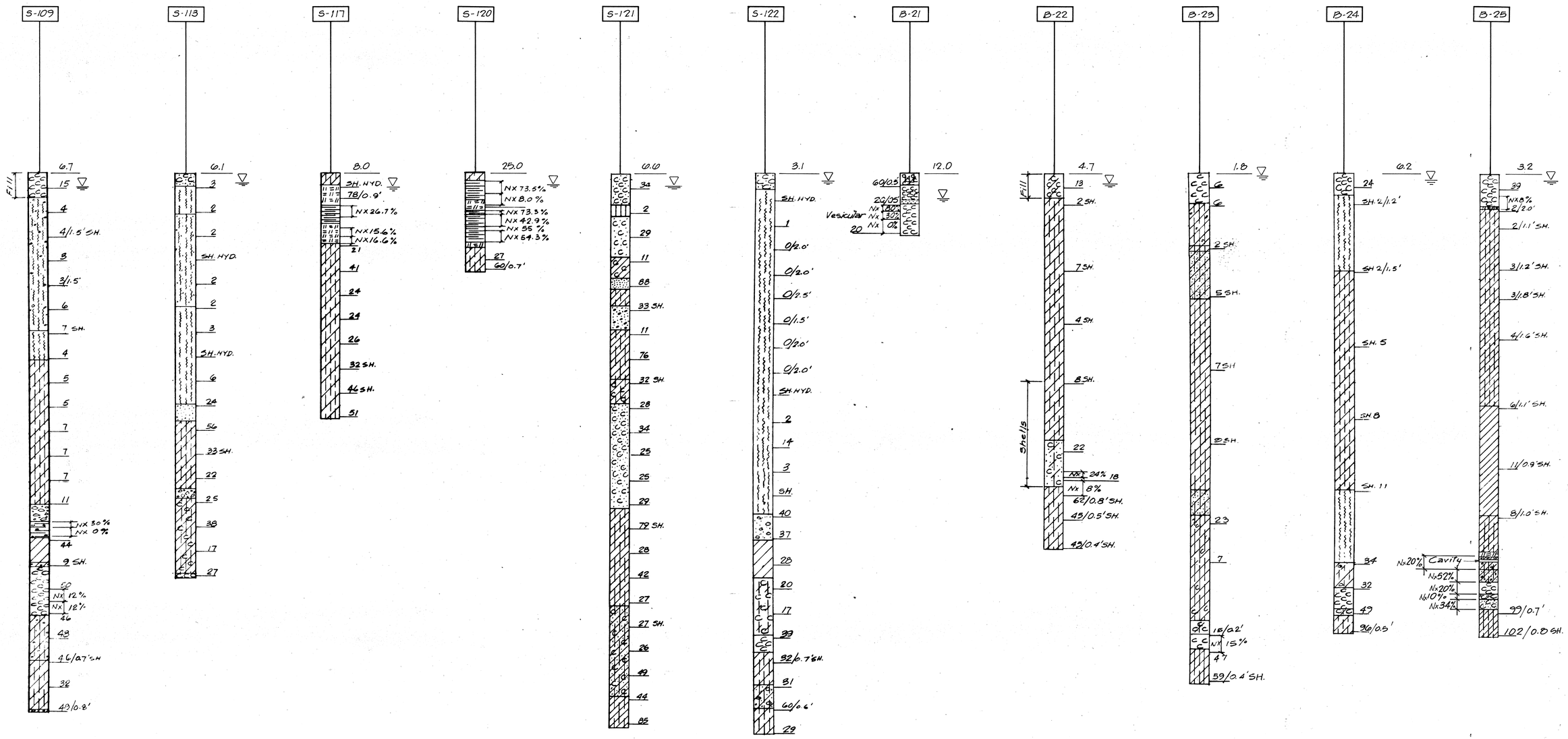
INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET No. B-6 OF B-14 SHEETS

PRINTED ON NO. 1000H CLEARPRINT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	74	192



FRANK M. CLEMENTS JR. REGISTERED PROFESSIONAL ENGINEER No. 5012 HAWAII, U.S.A.

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Frank M. Clements Jr.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

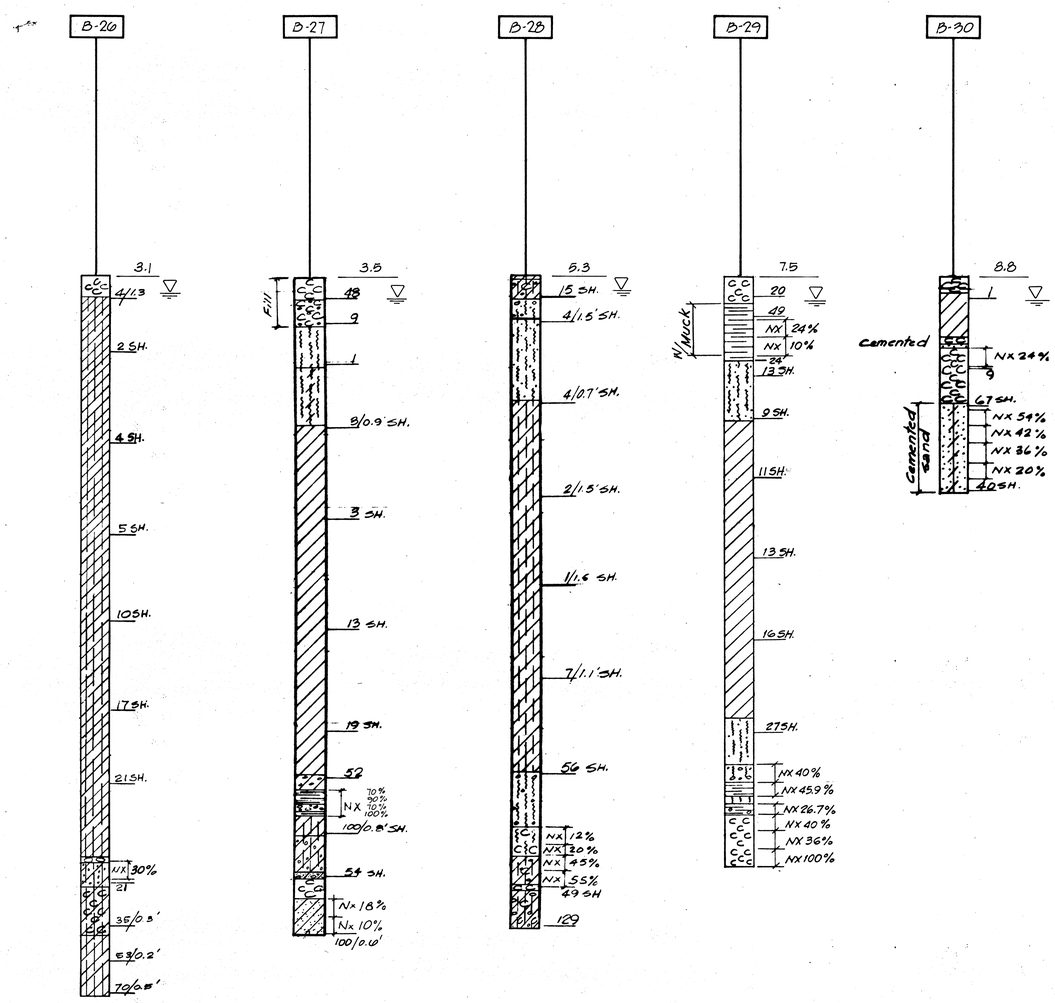
SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET No. B-7 OF B-14 SHEETS

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

PRINTED ON NO. 1000H CLEARPRINT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	75	192



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

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FRANK M. CLEMENTS, JR. REGISTERED PROFESSIONAL ENGINEER NO. 4004 HAWAII U.S.A.

THIS INDEX MAP PREPARED BY ME OR UNDER MY SUPERVISION

Frank M. Clements Jr.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

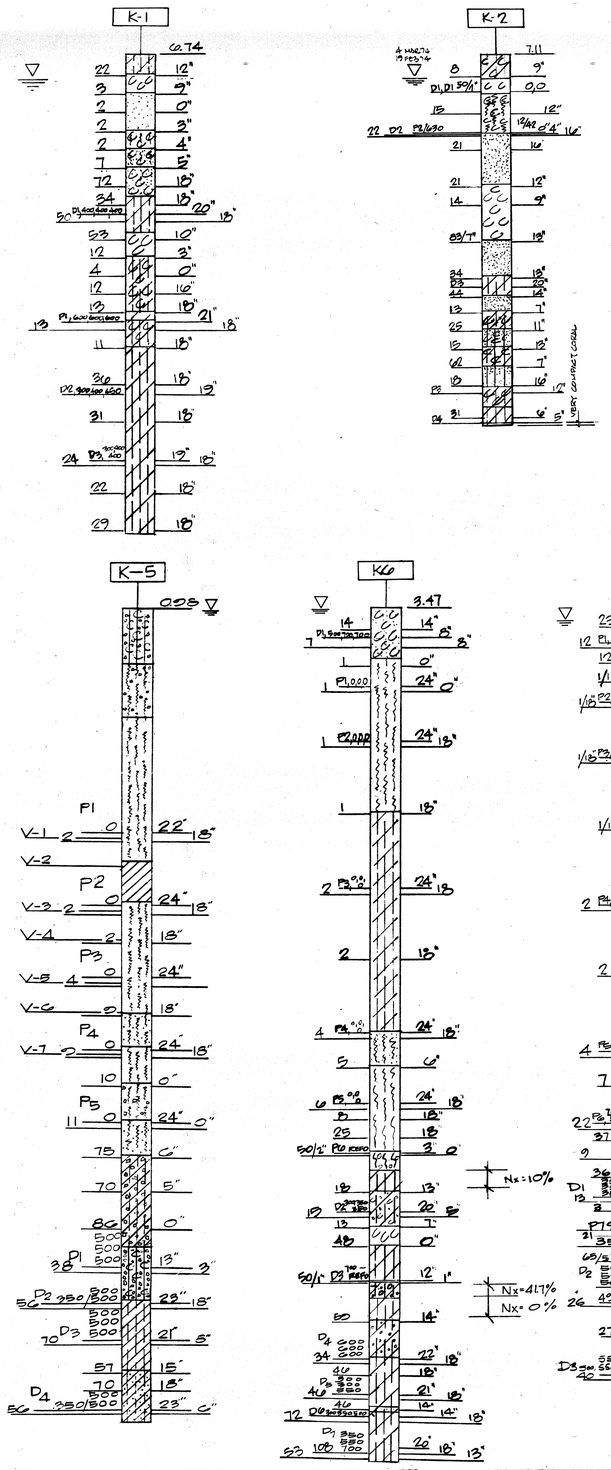
INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

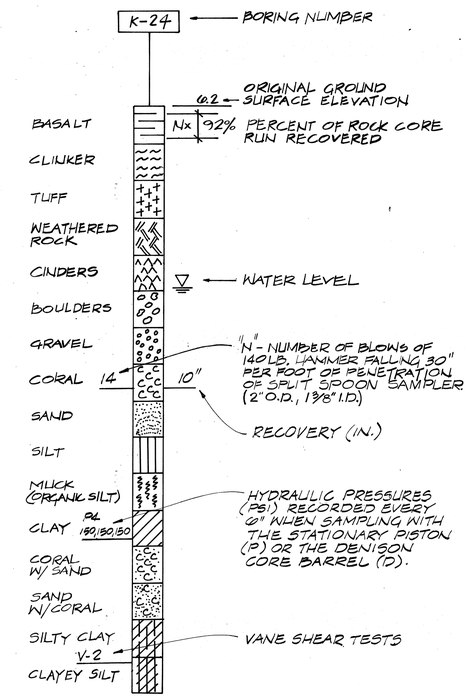
SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET No. 8-8 OF 8-14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	76	192

GENERAL NOTES AND LEGEND FOR K BORINGS





STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1 (132):17

SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET NO. B-9 OF B-14 SHEETS

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

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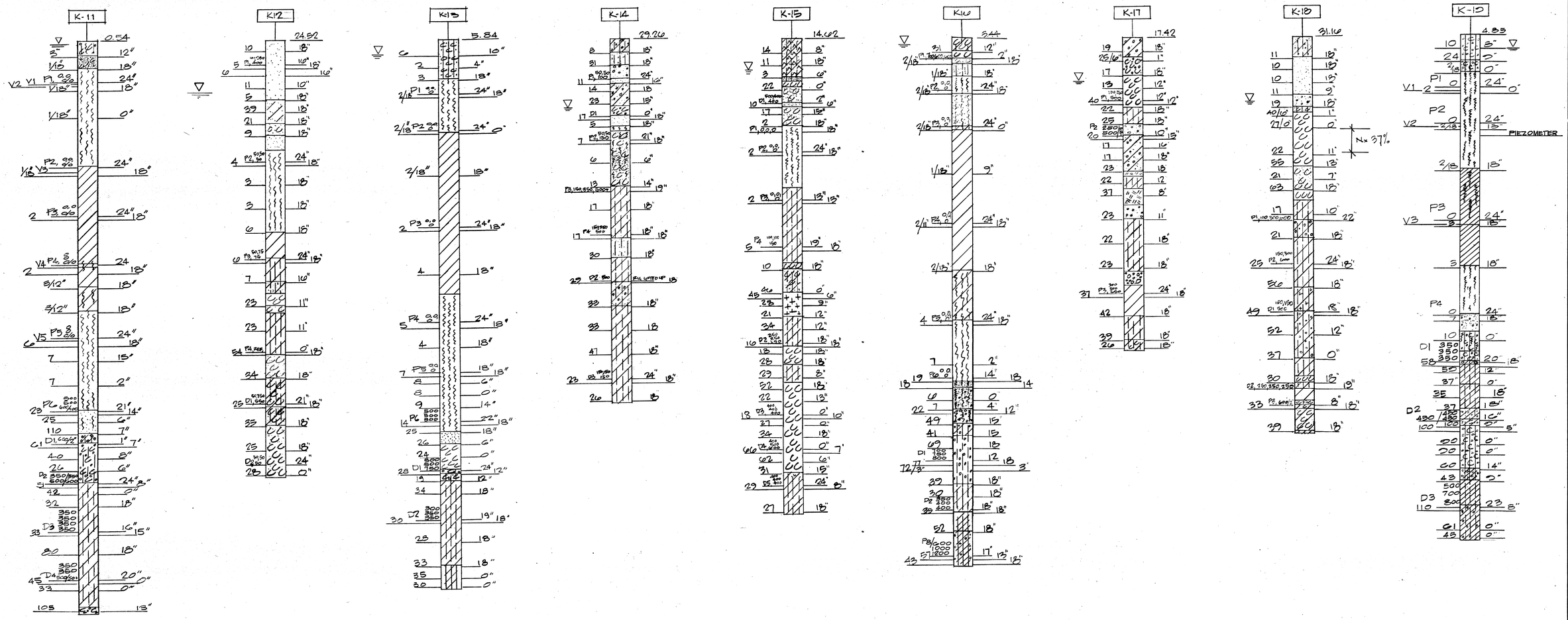
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(32):17	1983	77	190



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1" = 20' VERT. DATE: 4/30/81

SHEET No. B-10 OF B-14 SHEETS

ORIGINAL PLAN		
NOTE BOOK	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
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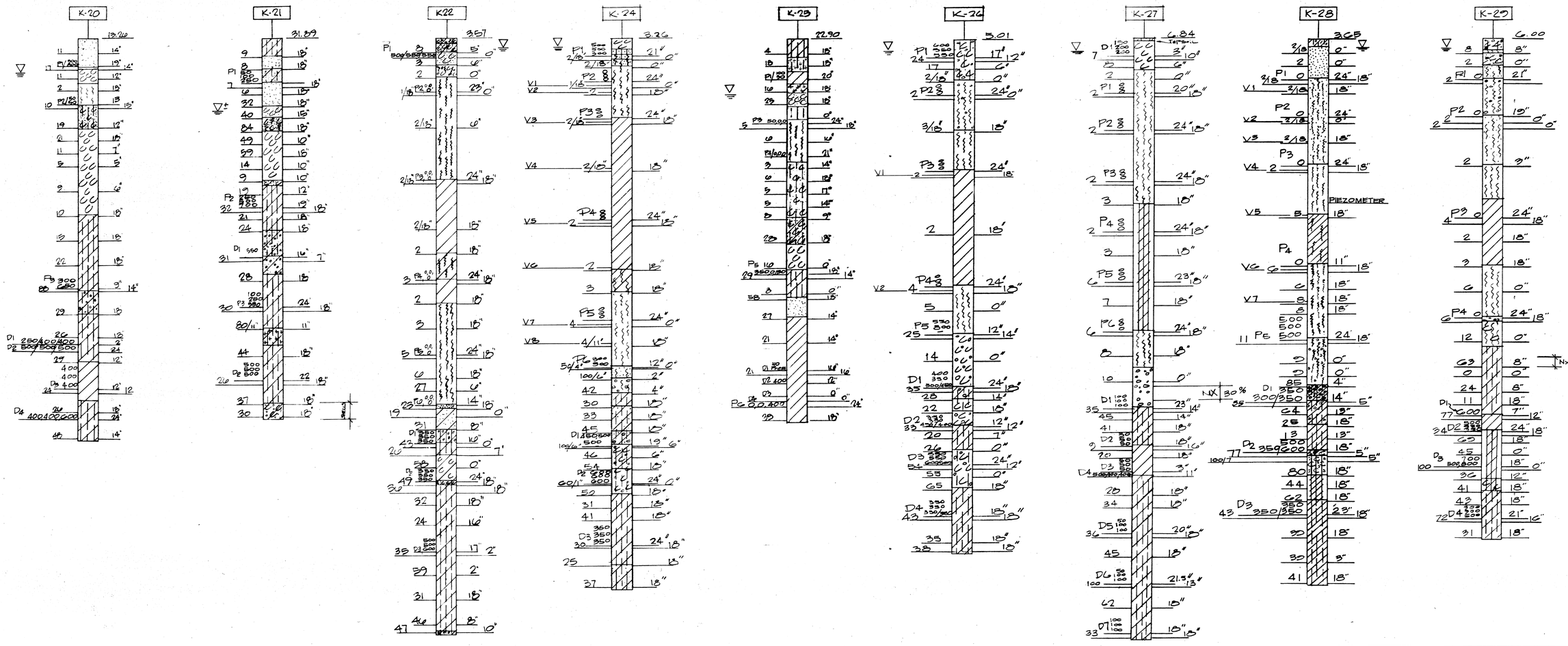
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	78	192



ORIGINAL PLAN	
NOTE BOOK	
NO.	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
DATE	

FRANK M. CLEMENTE JR. REGISTERED PROFESSIONAL ENGINEER No. 3223

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Frank M. Clemente Jr.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1"=20' VERT. DATE: 4/30/81

SHEET No. B-11 OF B-14 SHEETS

78

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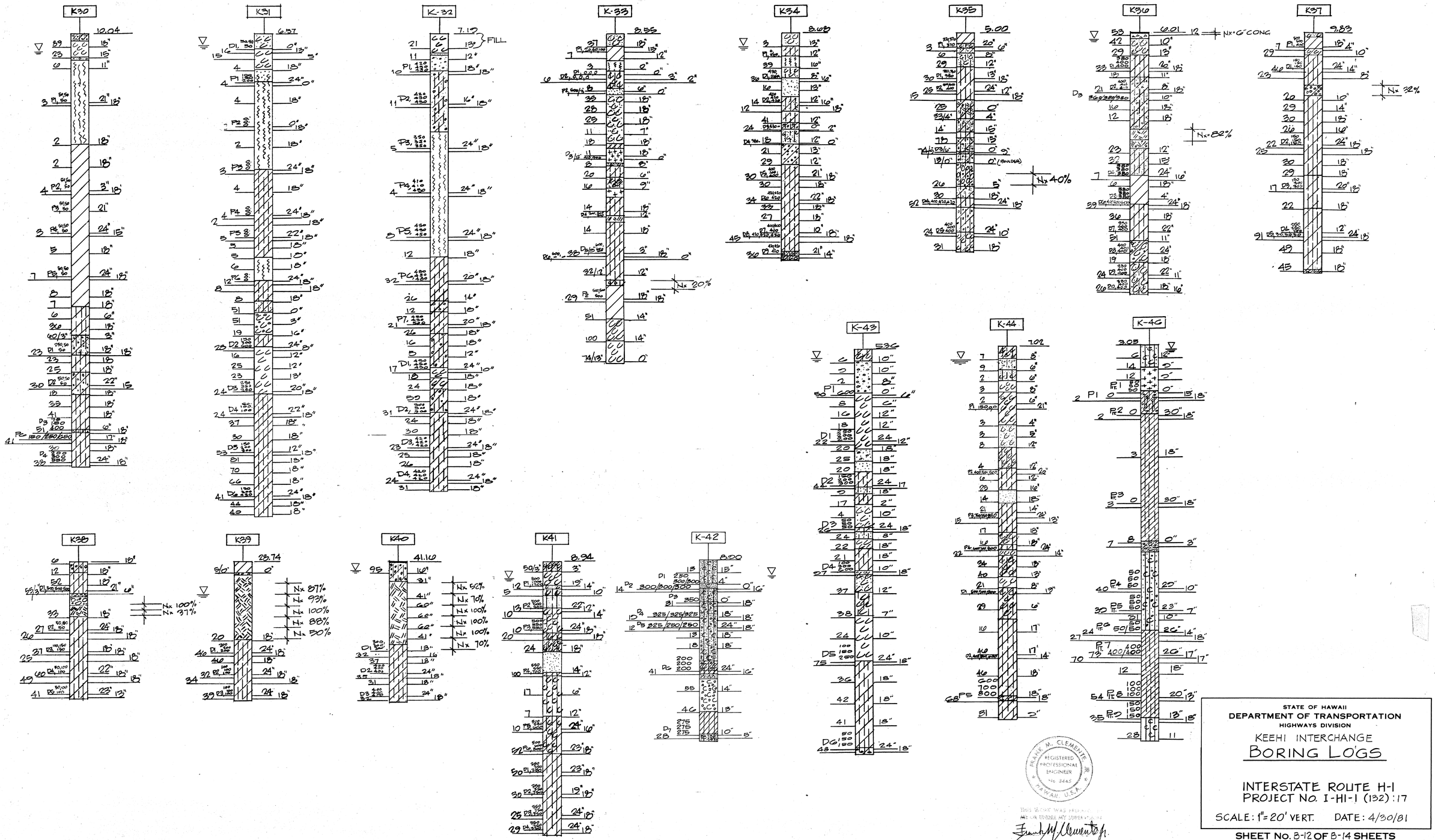
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(32):17	1983	79	192



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

FRANK M. CLEMENTE JR. REGISTERED PROFESSIONAL ENGINEER No. 3445 HAWAII, U.S.A.

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Frank M. Clemente Jr.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE

BORING LOGS

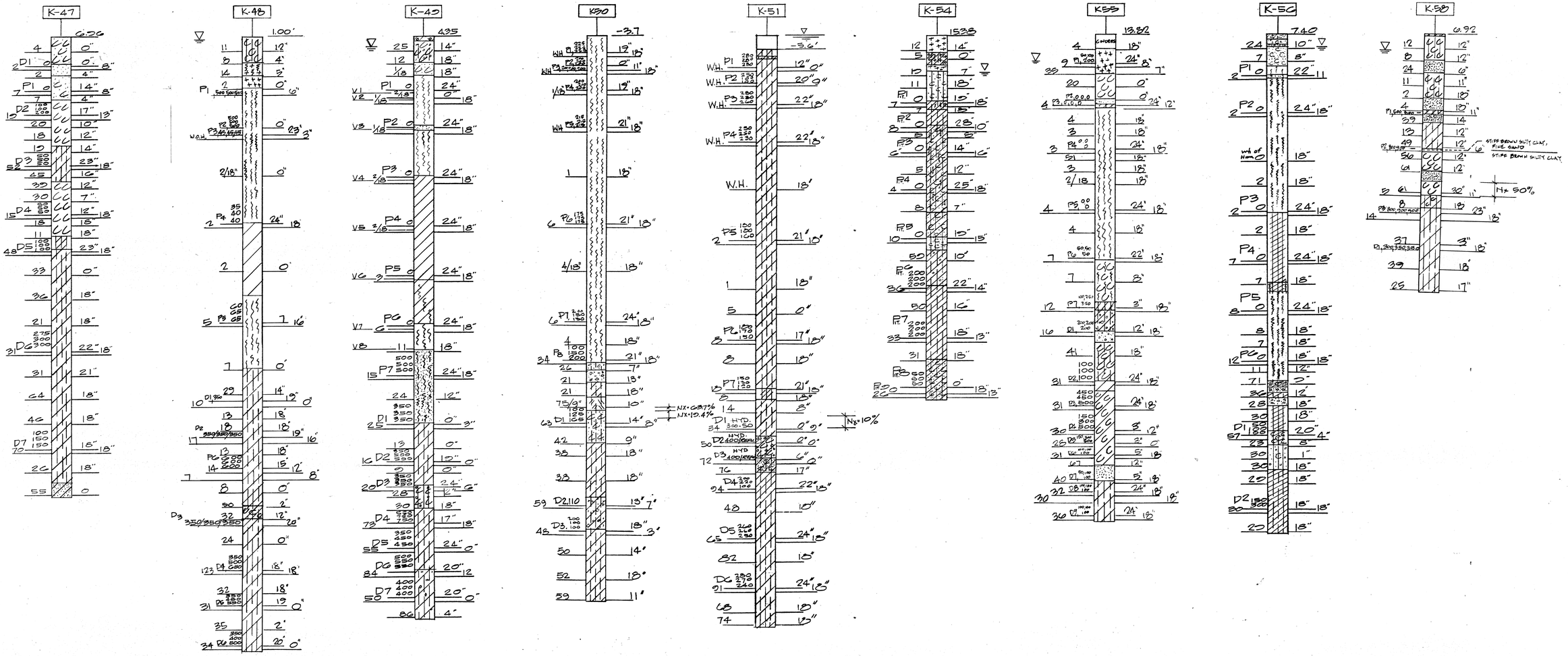
INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1" = 20' VERT. DATE: 4/30/81

SHEET No. B-12 OF B-14 SHEETS

PRINTED ON NO. 1000H CLEARPRINT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	80	192



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT No. I-HI-1 (132):17

SCALE: 1" = 20' VERT. DATE: 4/30/81

SHEET No. 8-13 OF 8-14 SHEETS

FRANK M. CLEMENTE, JR. REGISTERED PROFESSIONAL ENGINEER No. 4763 HONOLULU, U.S.A.

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Frank M. Clemente Jr.

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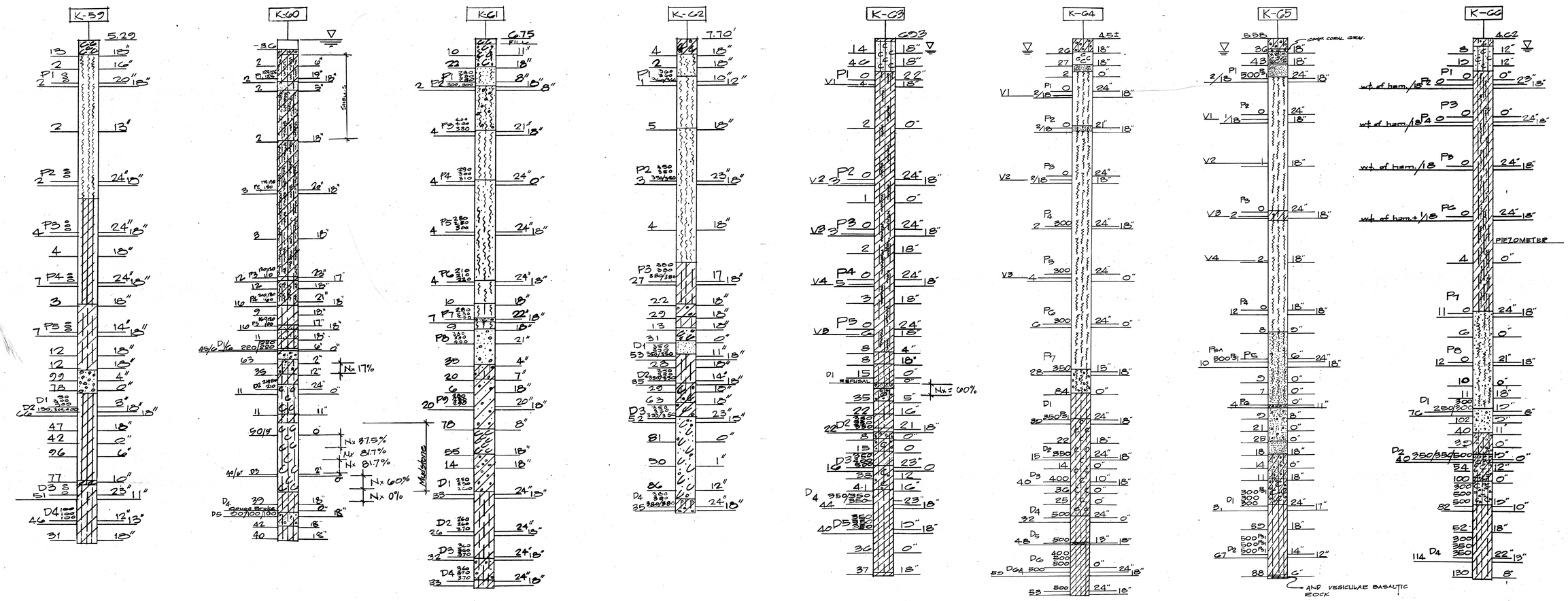
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(132):17	1983	81	192



ORIGINAL PLAN	SURVEY PLOTTED BY
	DRAWN BY
	TRACED BY
NOTE BOOK	DESIGNED BY
	QUANTITIES BY
NO.	CHECKED BY
	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KEEHI INTERCHANGE
BORING LOGS

INTERSTATE ROUTE H-1
PROJECT NO. I-HI-1 (132):17

SCALE: 1" = 20' VERT. DATE: 4/30/81

SHEET No. B-14 OF B-14 SHEETS

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