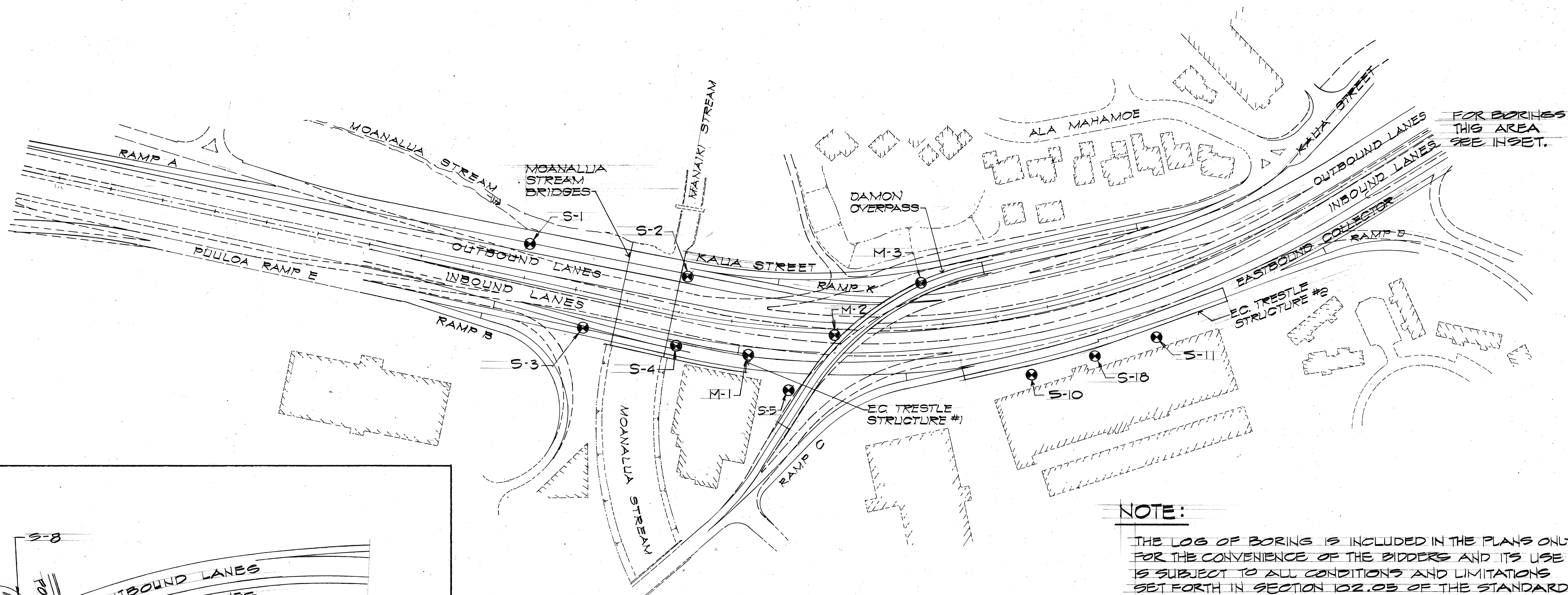
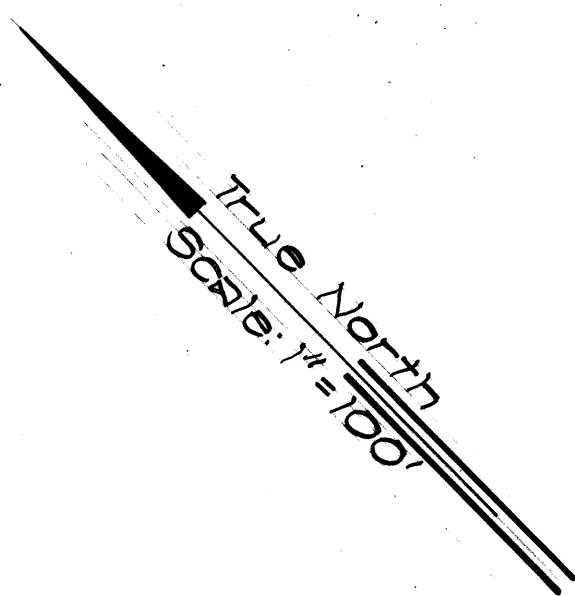


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FE-078-1(17) FE-078-1(1)	1977	2	164



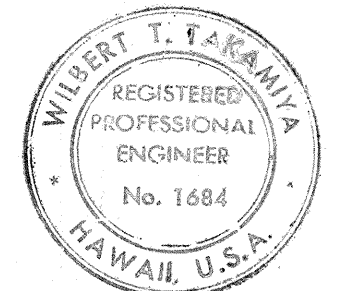
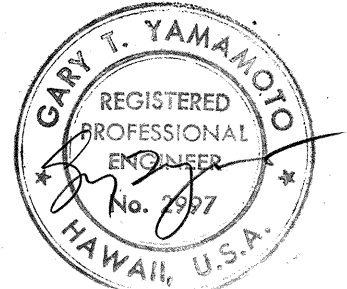
PLAN
SCALE: 1"=100'

LEGEND:

⊗ BORING LOCATION

NOTE:

THE LOG OF BORING IS INCLUDED IN THE PLANS ONLY FOR THE CONVENIENCE OF THE BIDDERS AND ITS USE IS SUBJECT TO ALL CONDITIONS AND LIMITATIONS SET FORTH IN SECTION 102.05 OF THE STANDARD SPECIFICATION.



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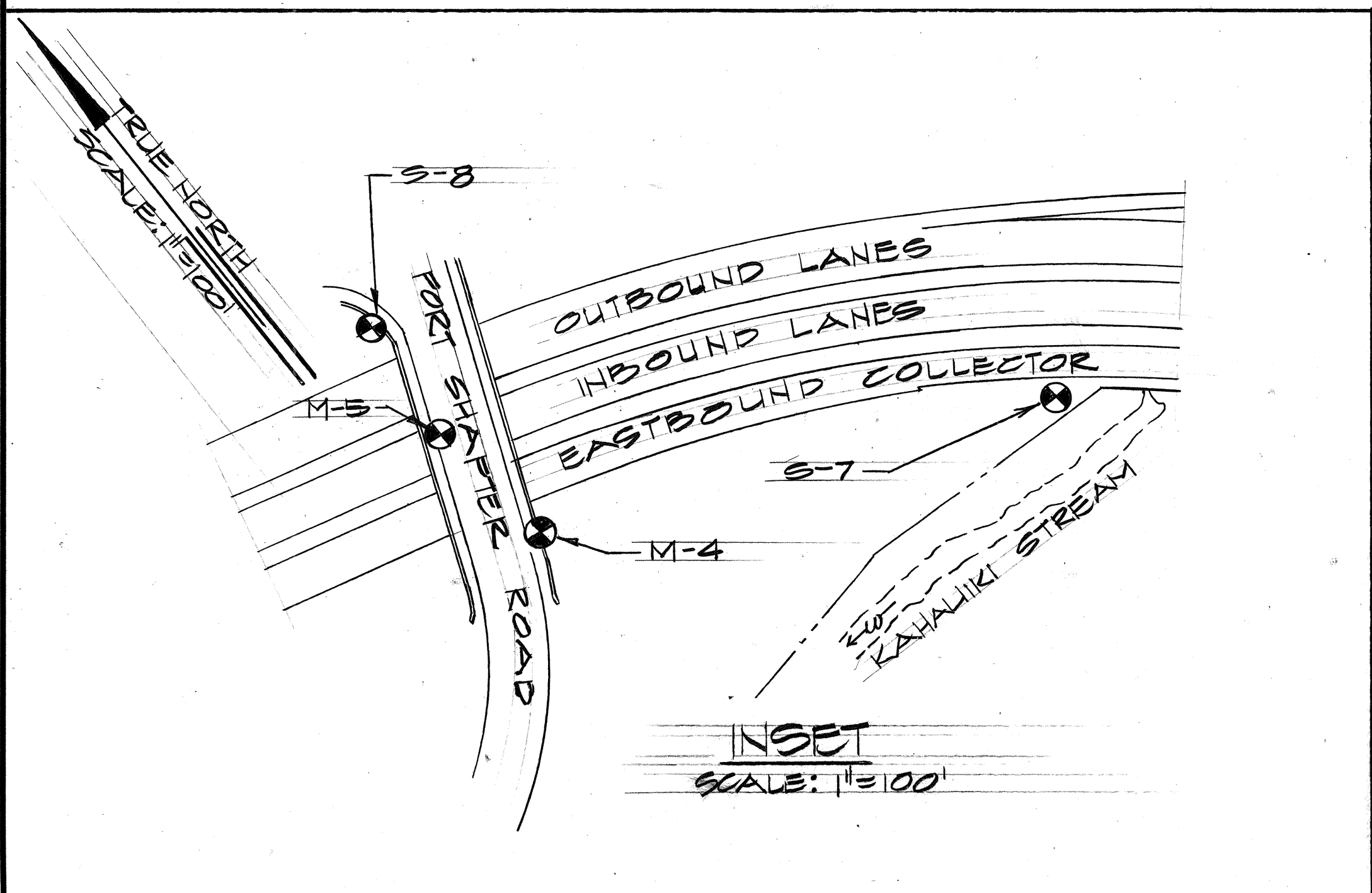
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING PLAN

MOANALUA ROAD
PUULO A I.C. TO MIDDLE ST. UNIT 2
F.A. Proj. No. FE-078-1(17)
SCALE: AS SHOWN DATE: JAN. 14, 1977

SHEET NO. 1 OF 5 SHEETS

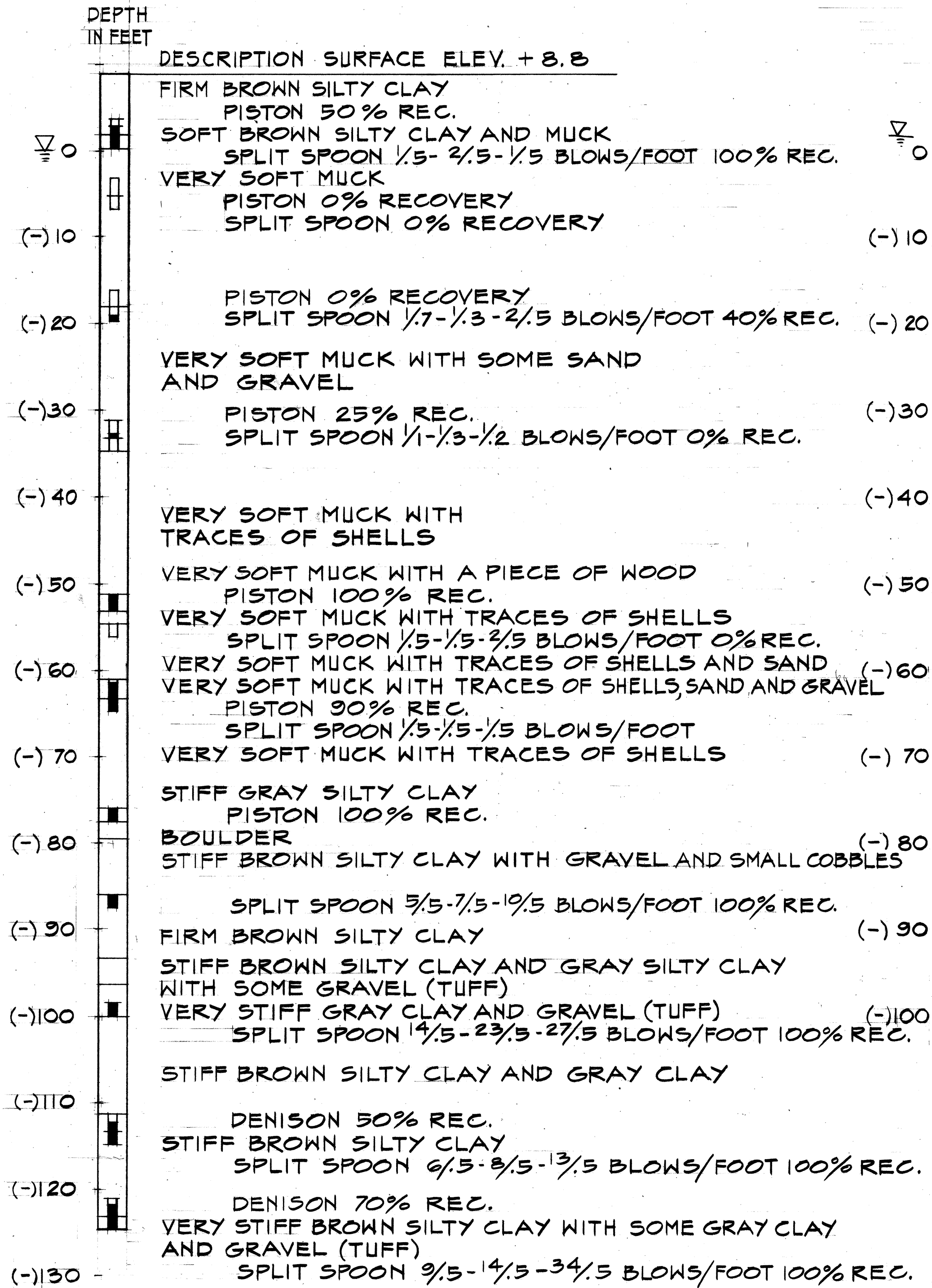
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



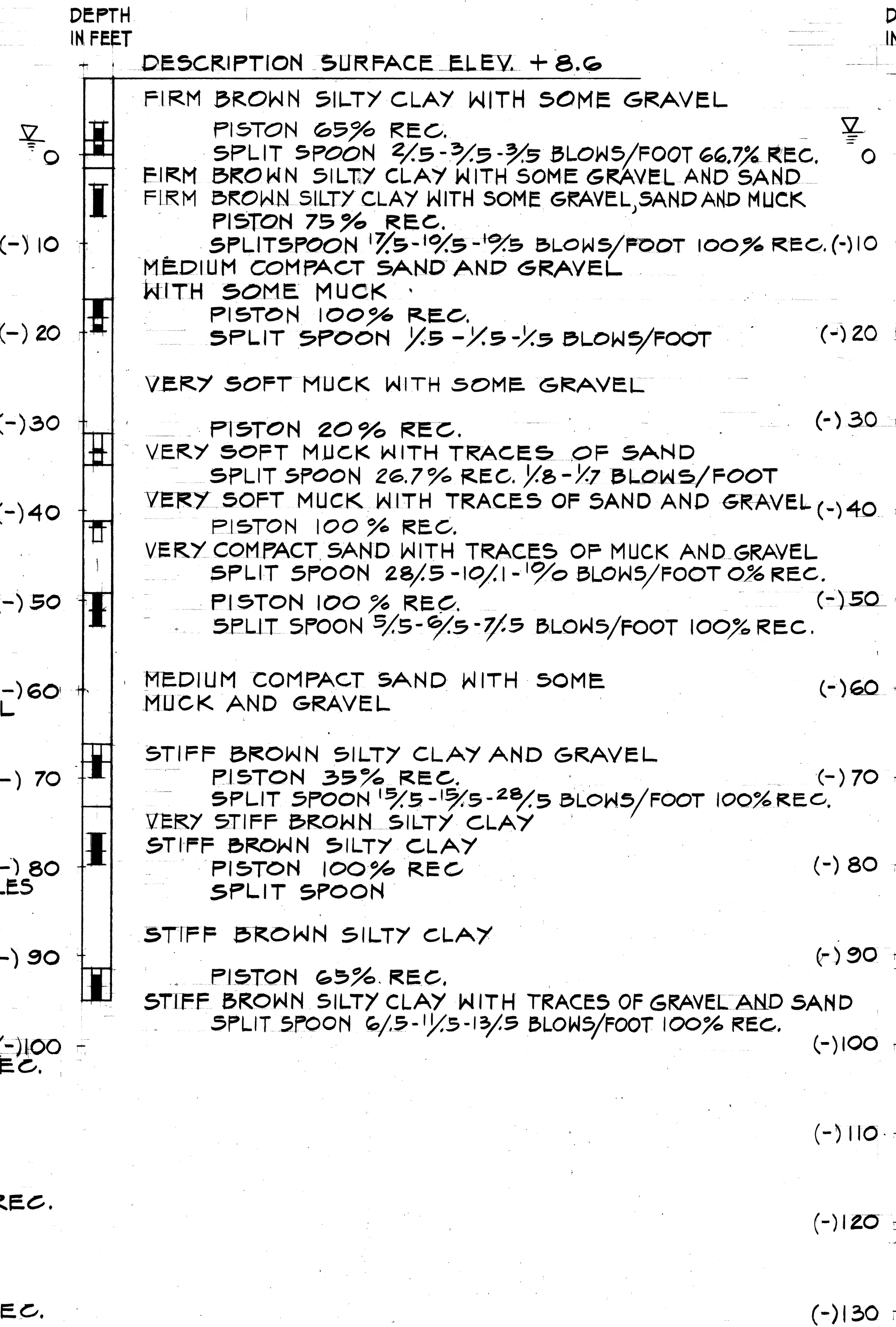
INSET
SCALE: 1"=100'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FF-078-1(17) FF-078-1(17)	1977	3	164

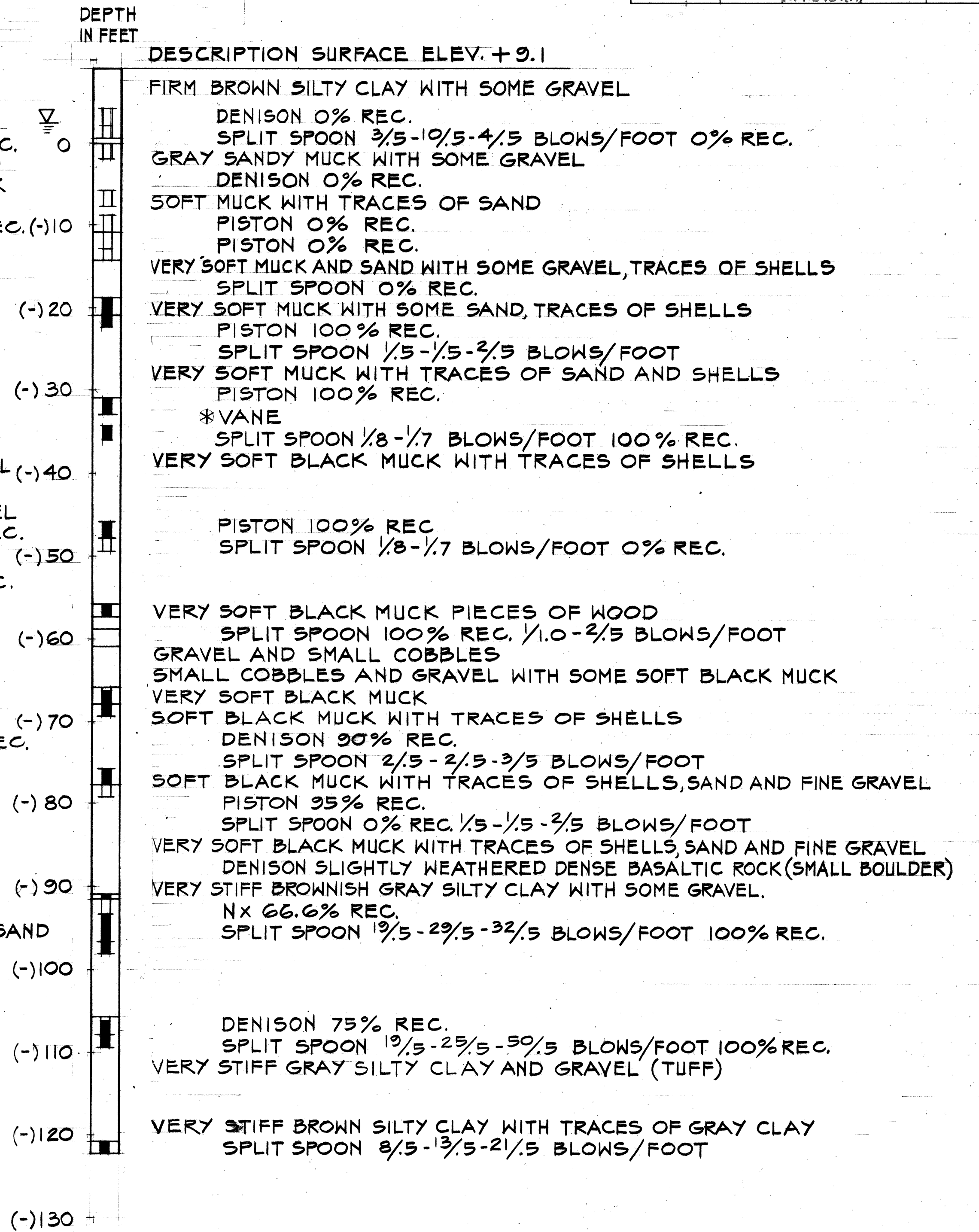
BORING S-1



BORING S-2



BORING S-3



DATE _____

SURVEY PLOTTED BY _____

DRAWN BY _____

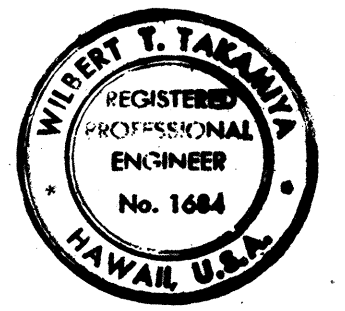
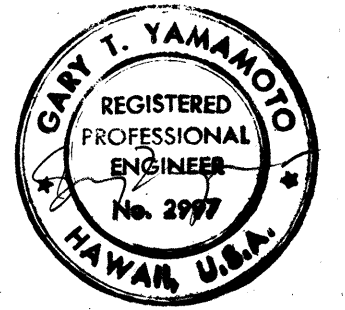
TRACED BY _____

NOTED BY _____

QUANTITIES BY _____

CHECKED BY _____

NO. _____



Willbert T. Takamiya
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

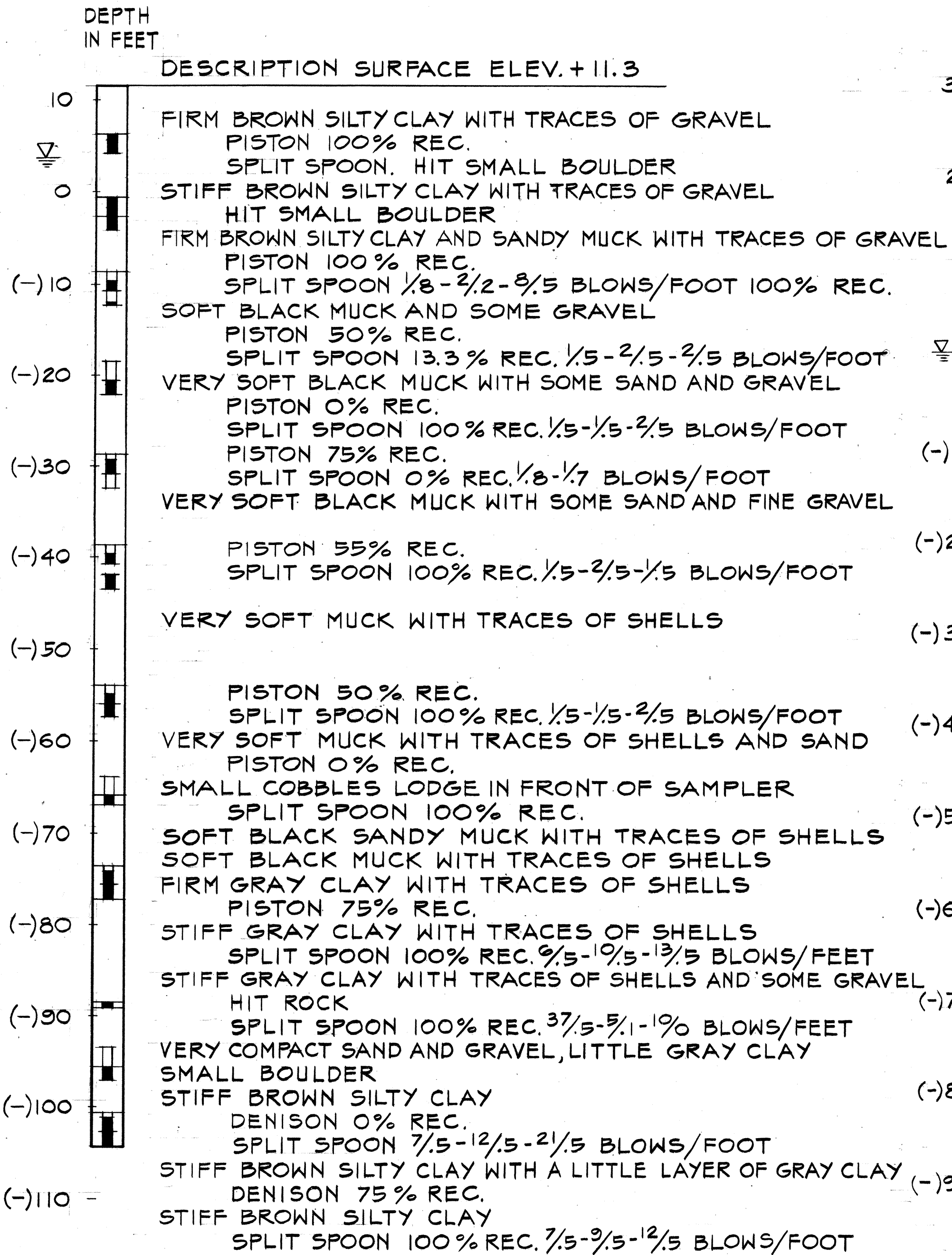
MOANALUA ROAD
PUULOA I.C. TO MIDDLE ST.-UNIT 2
F.A. Proj. No. FF-078-1(17)
FF-078-1(17)

SCALE: AS SHOWN DATE: JAN. 14, 1977

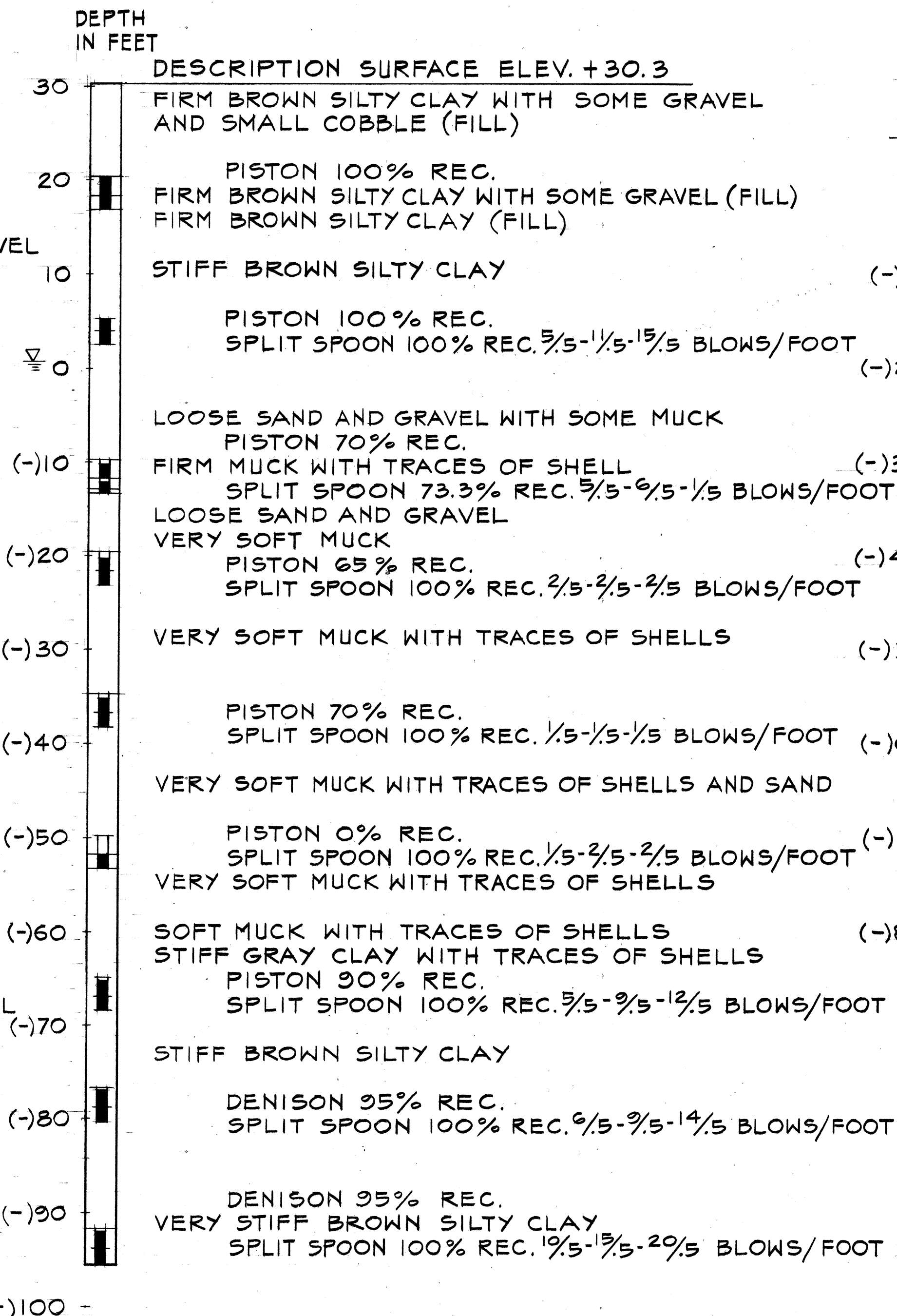
SHEET NO. 2 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FF-078-1(17)	1977	4	164

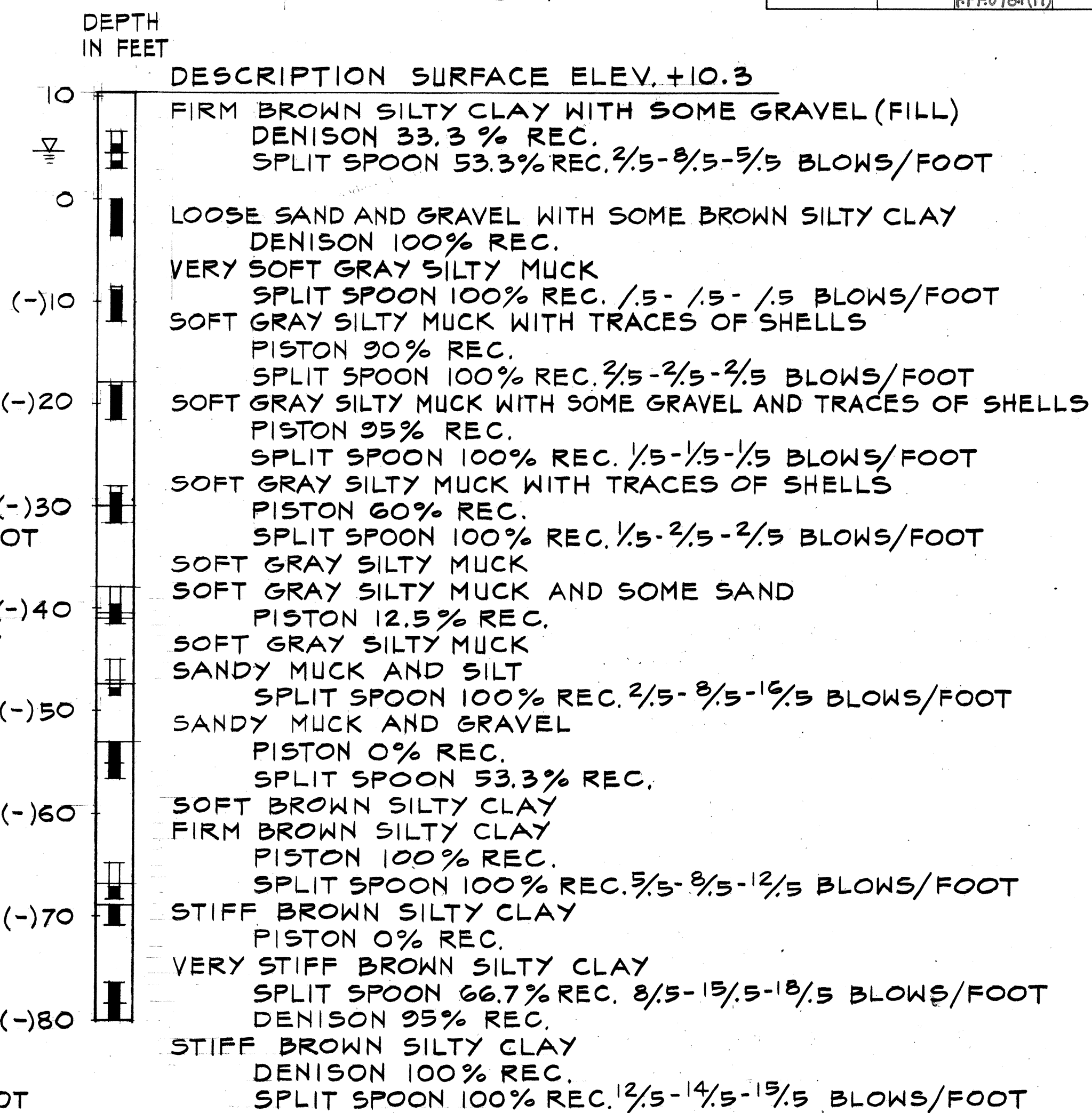
BORING S-4



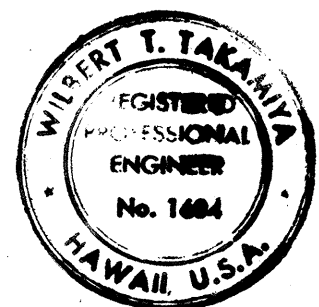
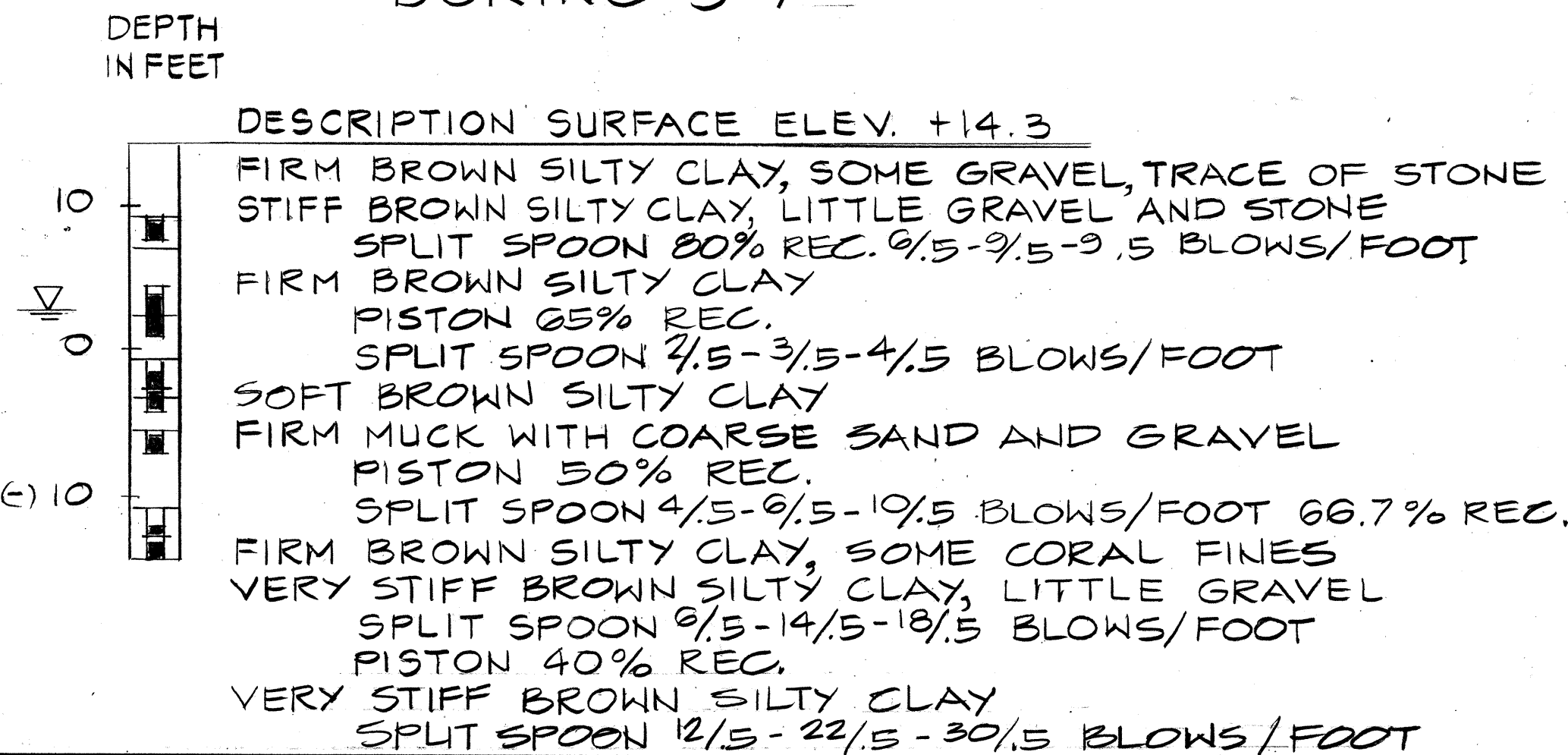
BORING S-5



BORING S-10



BORING S-7



WILBERT T. YAMAMOTO
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

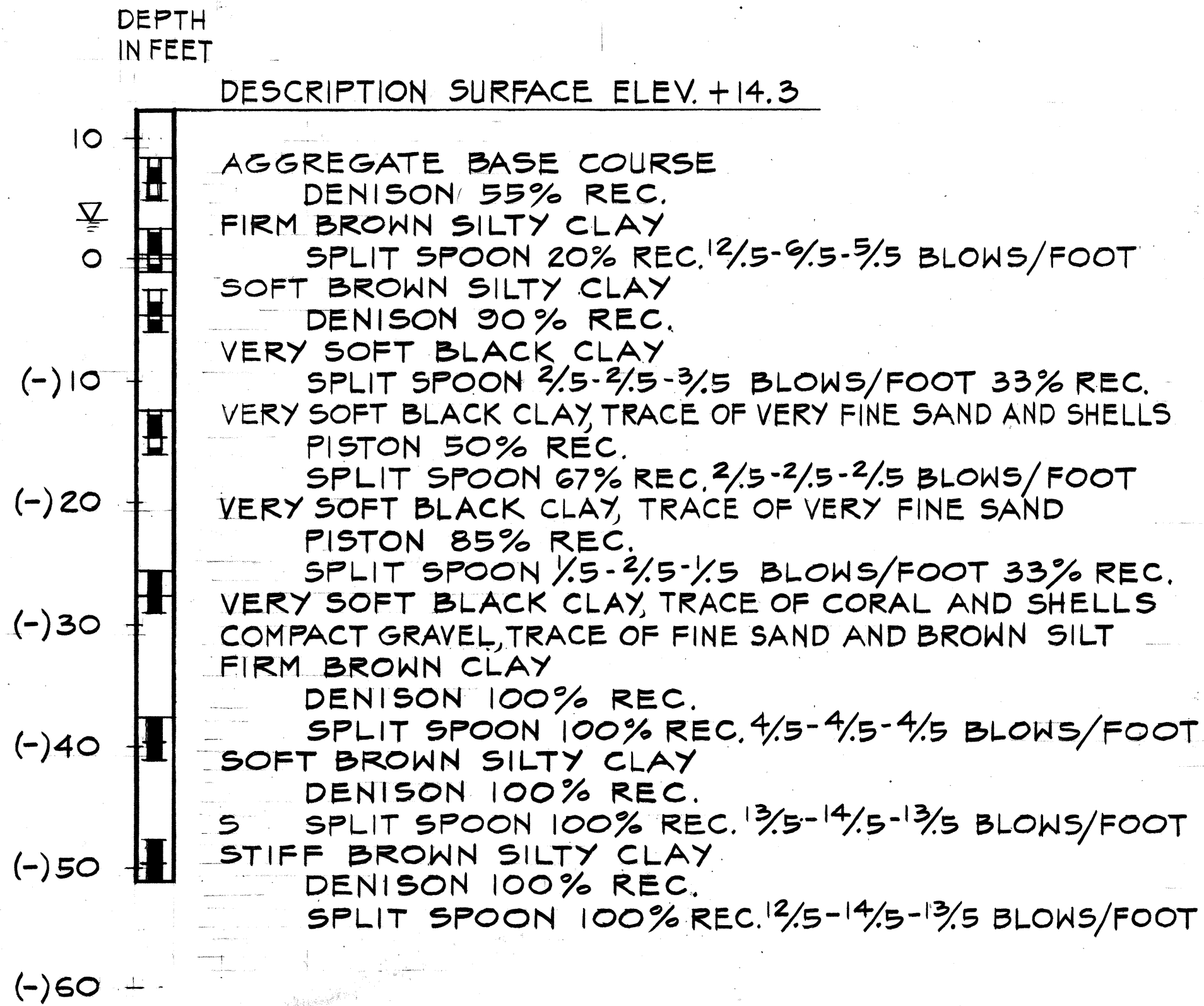
BORING LOGS

MOANALUA ROAD
PUULOA I.C. TO MIDDLE ST.-UNIT 2
F.A. Proj. No. FF-078-1(17)
FF-078-1(17)

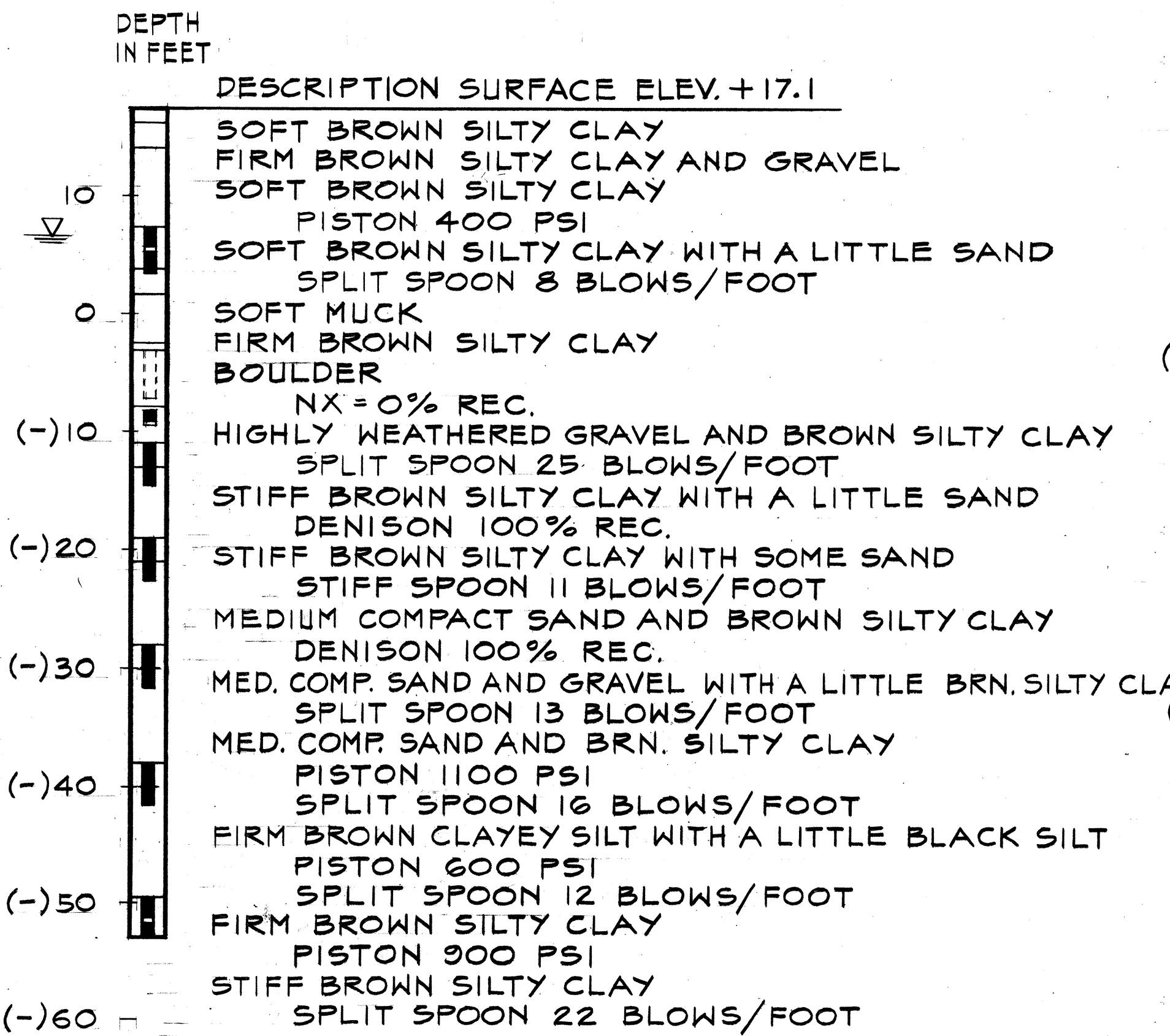
SCALE: AS SHOWN DATE: JAN. 14, 1977
SHEET NO. 3 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FF-078-1(17)	1977	5	164

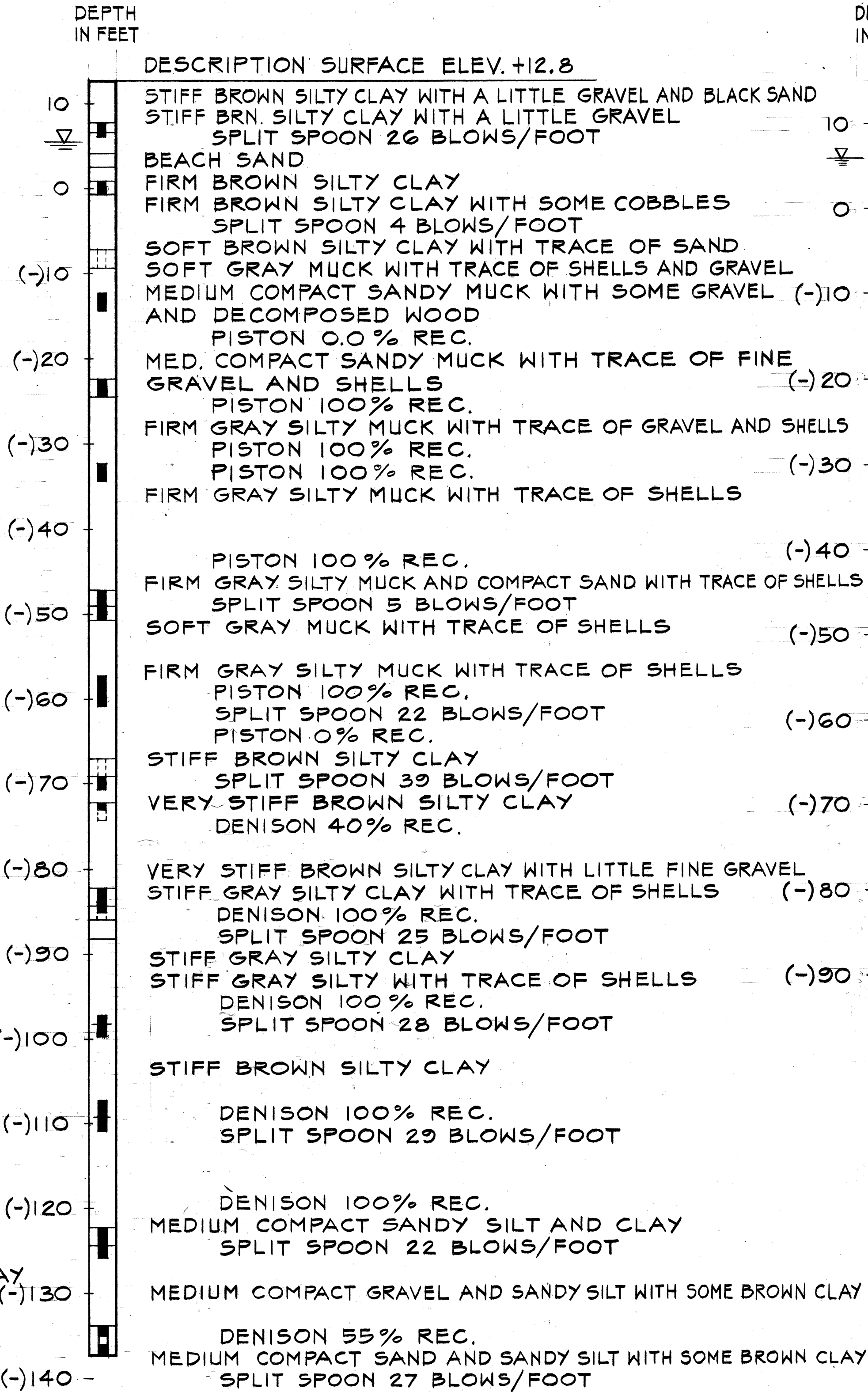
BORING S-11



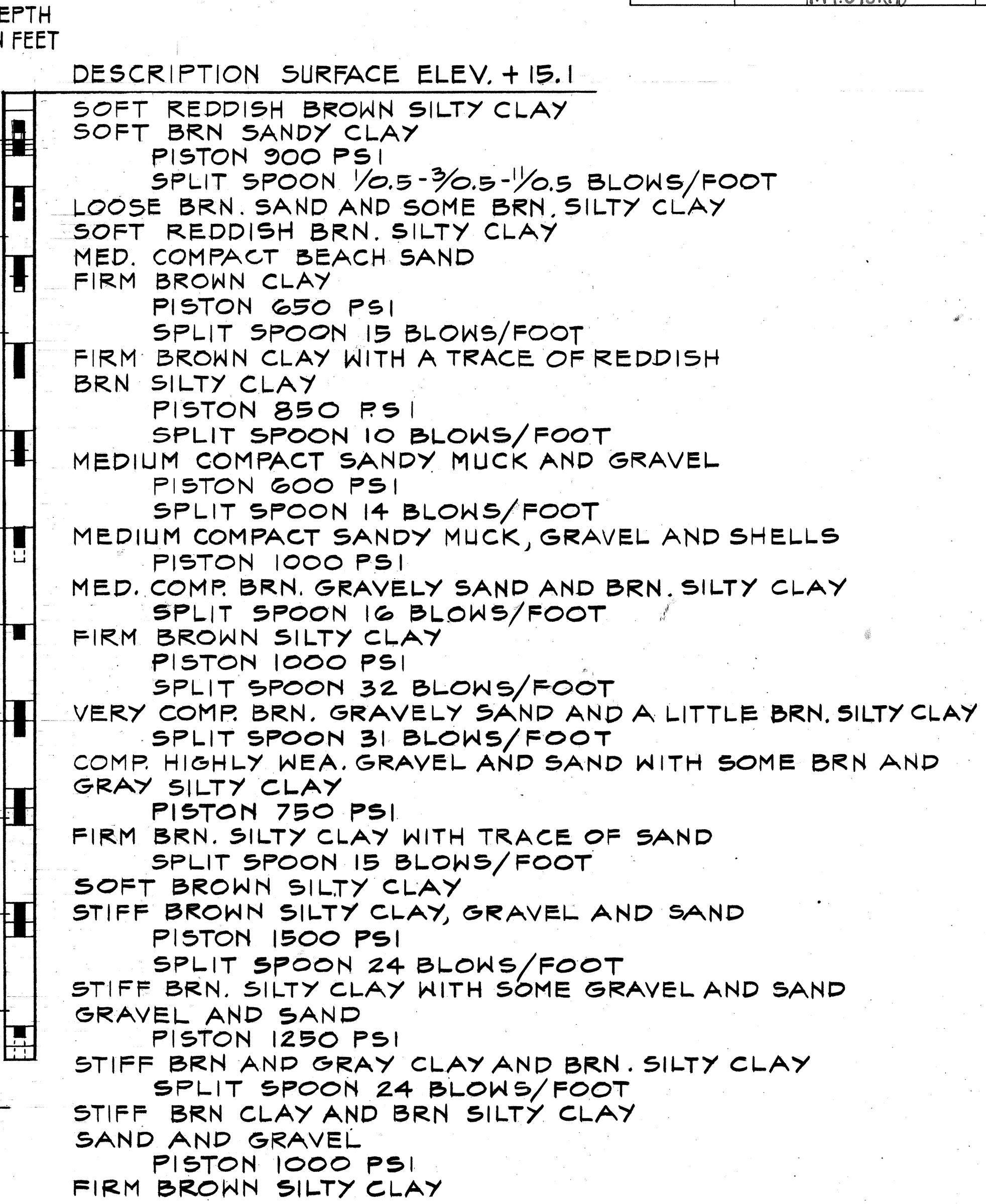
BORING M-3



BORING M-1



BORING M-2



DATE

SURVEY PLOTTED BY

DRAWN BY

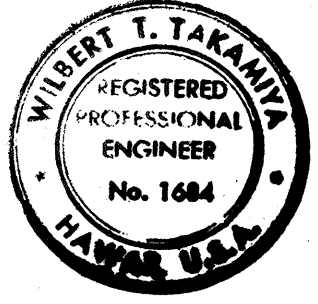
DESIGNED BY

CHECKED BY

ORIGINAL PLAN

NOTE BOOK

No.



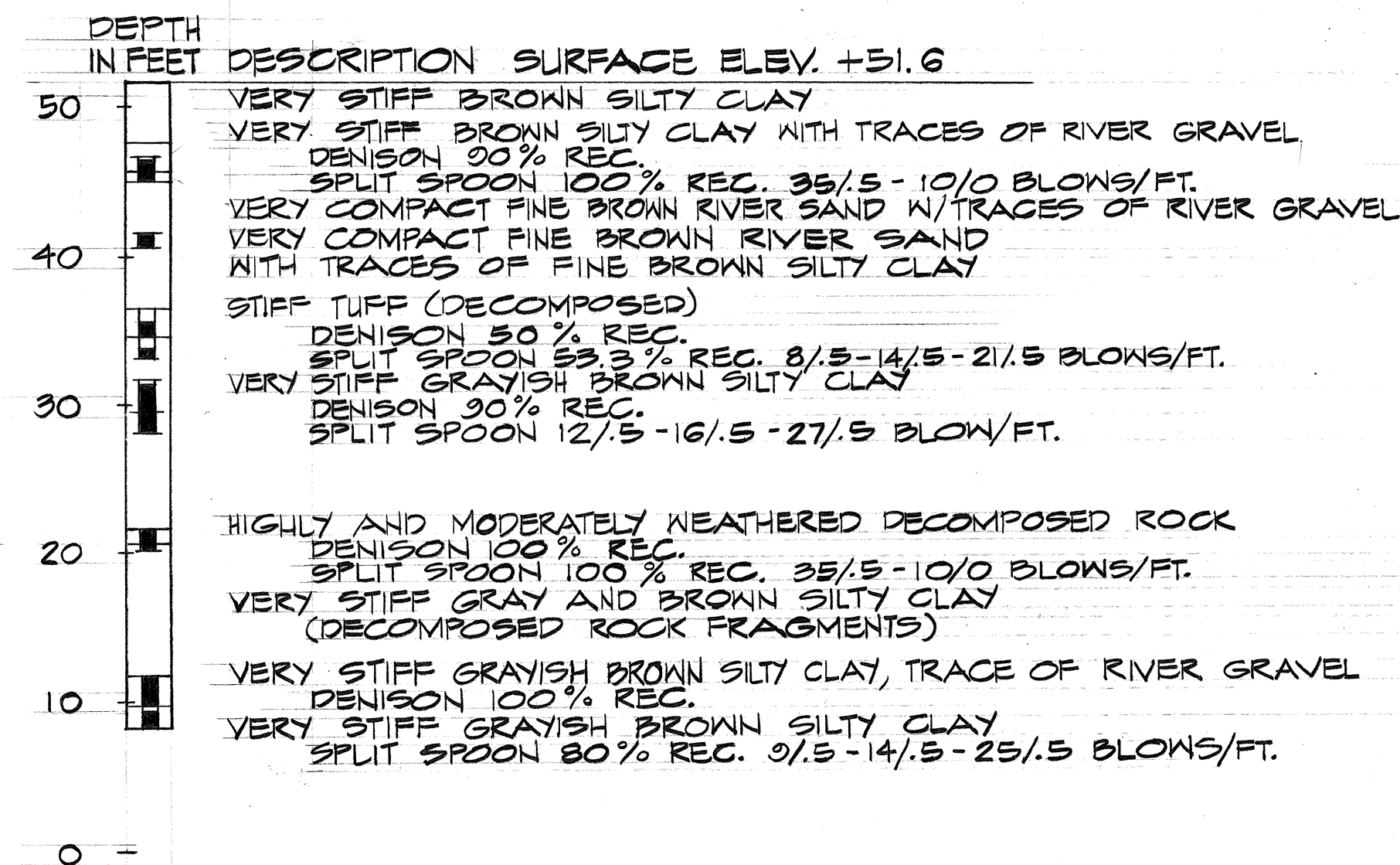
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

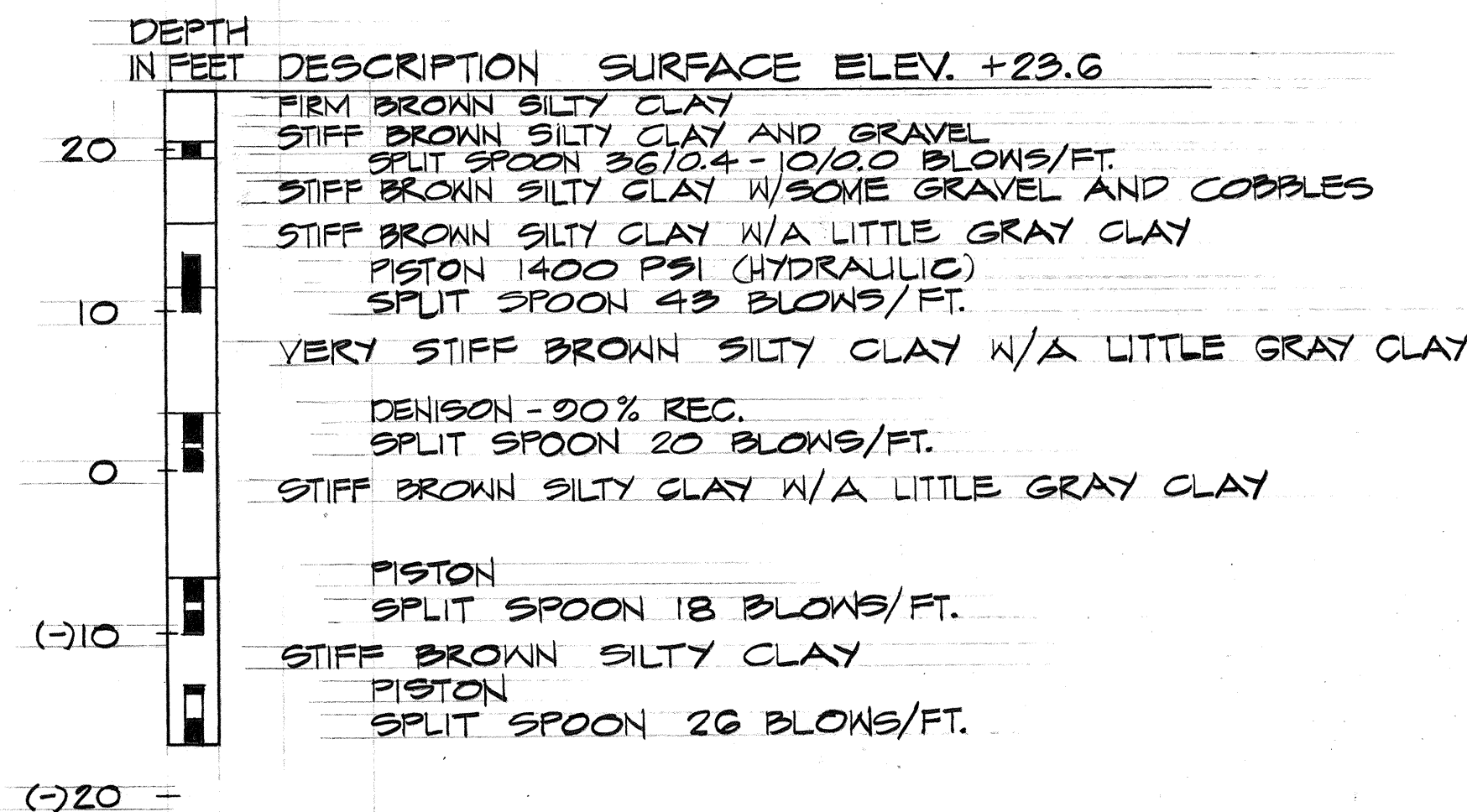
BORING LOGS

MOANALUA ROAD
PUULOA I.C. TO MIDDLE ST.-UNIT 2
F.A. Proj. No. FF-078-1(17)
FF-078-1(17)
SCALE: AS SHOWN DATE: JAN. 14, 1977
SHEET NO. 4 OF 5 SHEETS

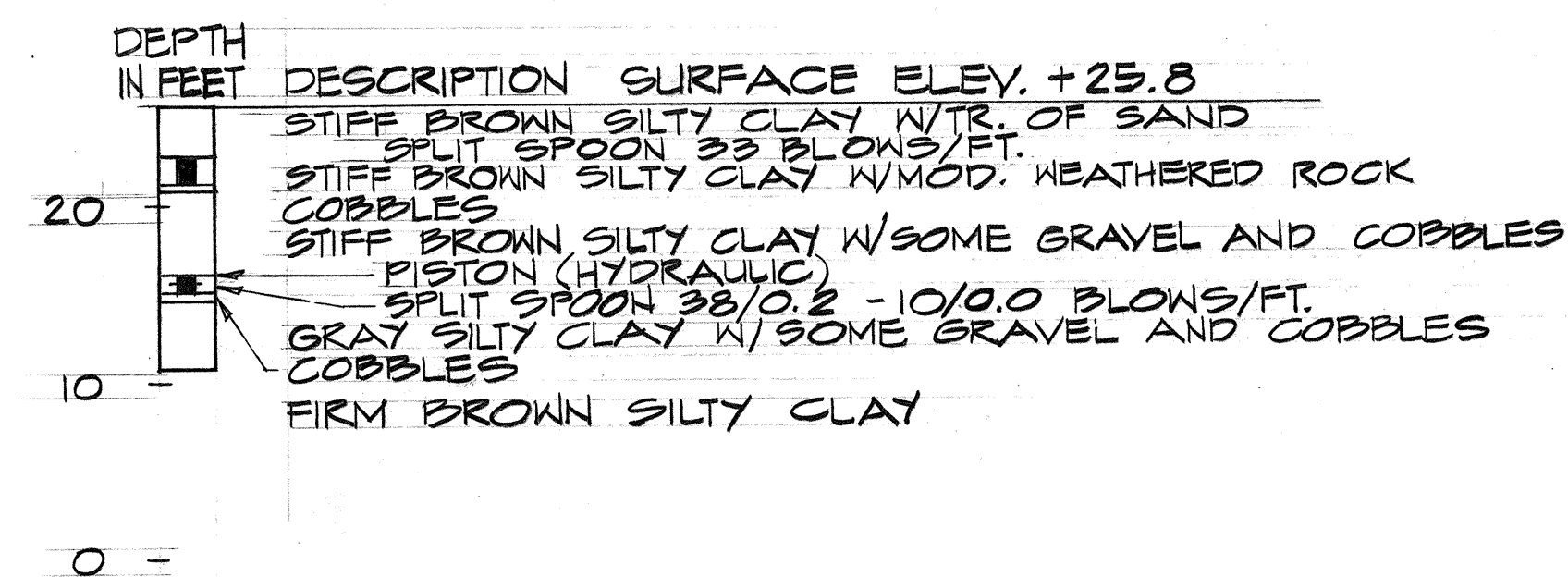
BORING S-8



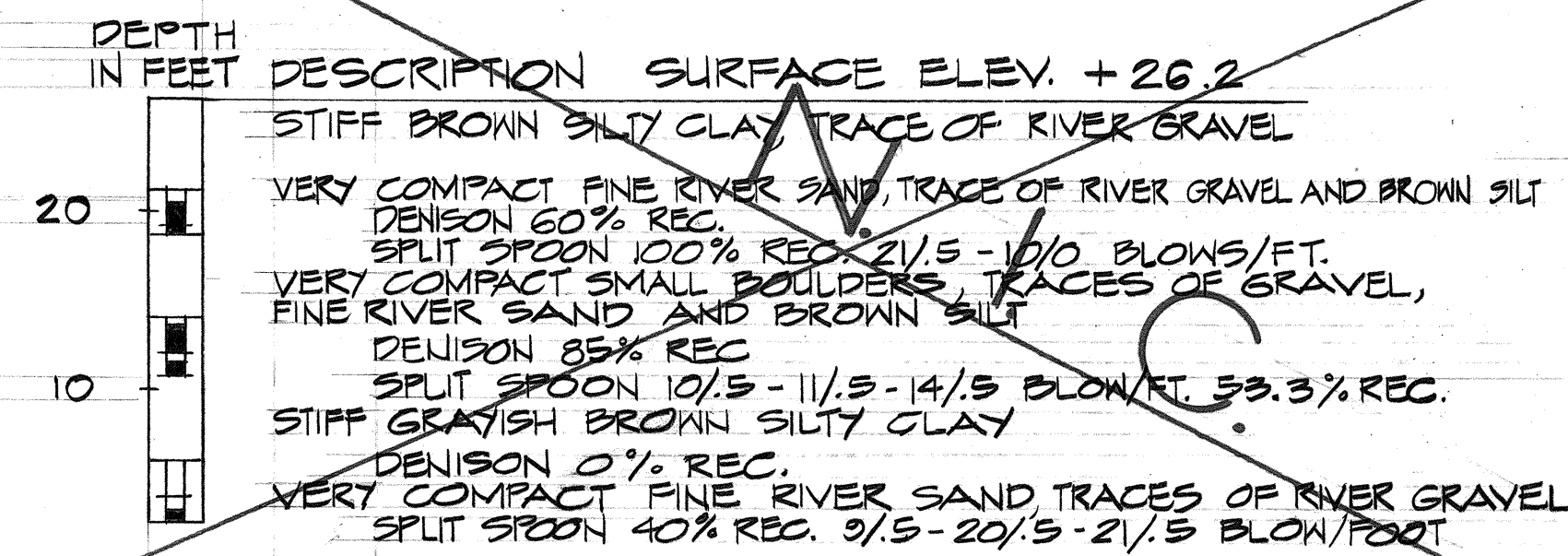
BORING M-4



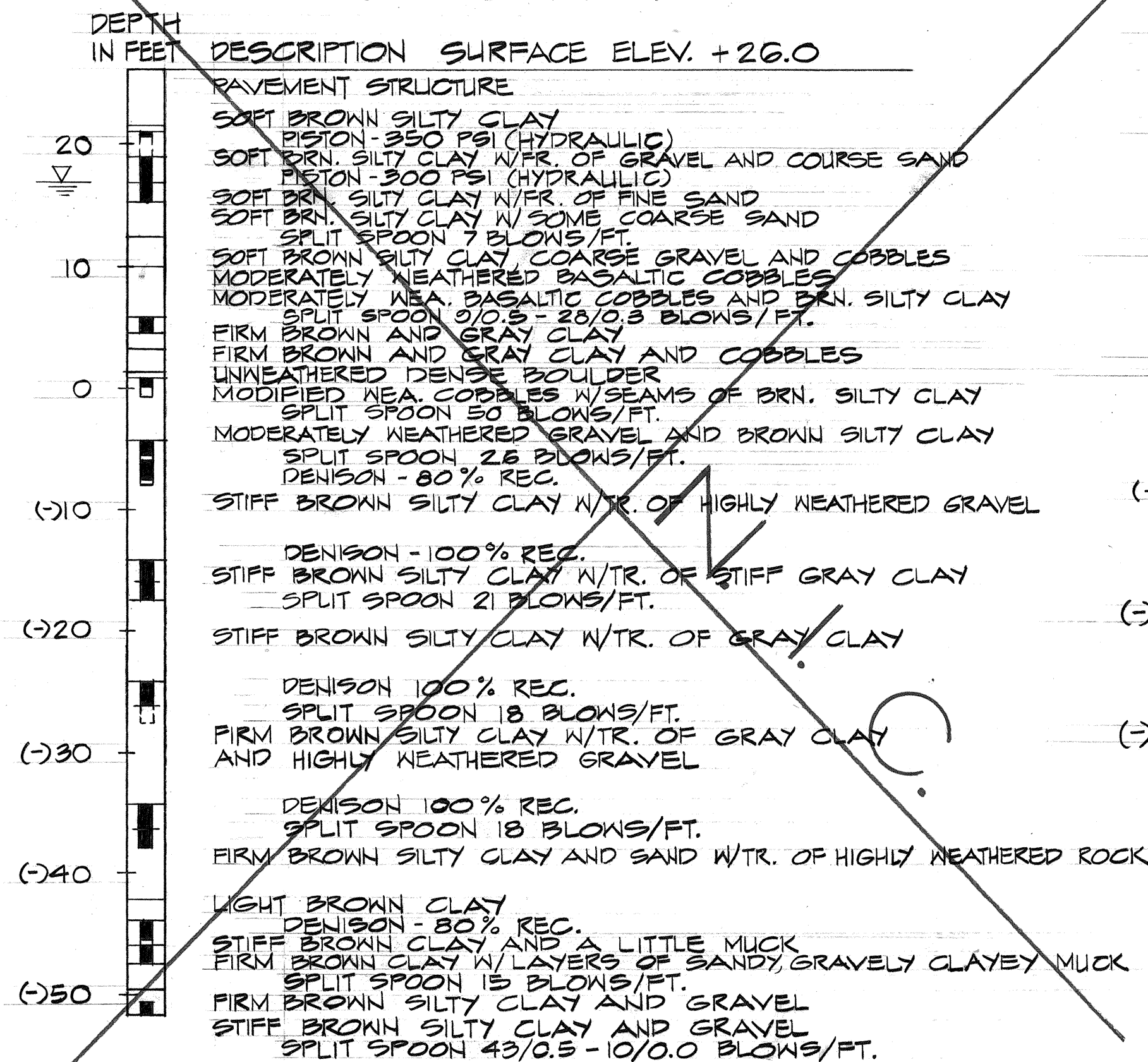
BORING M-3



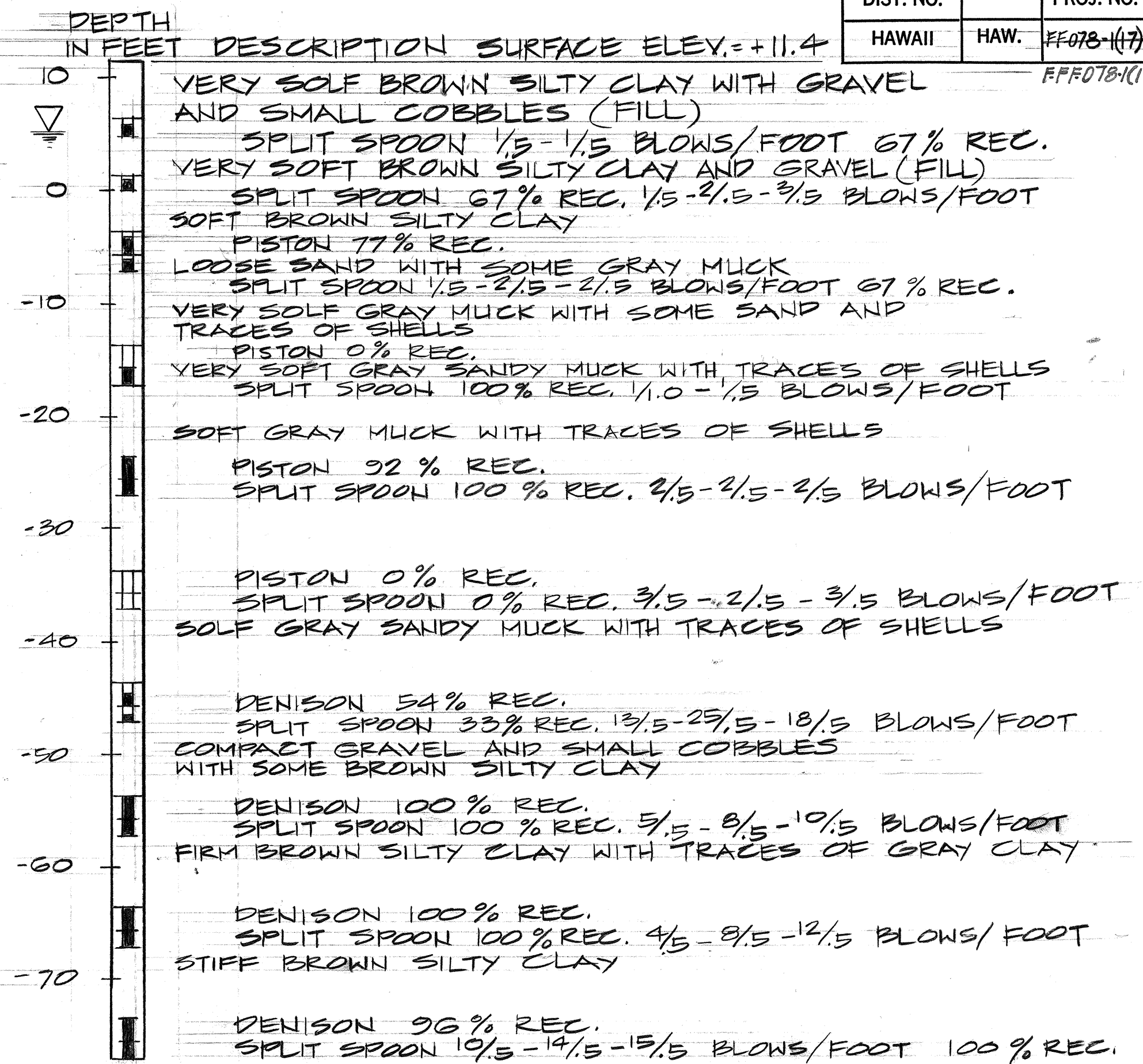
BORING S-9



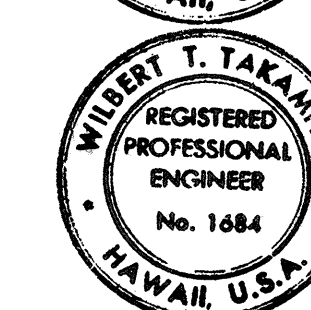
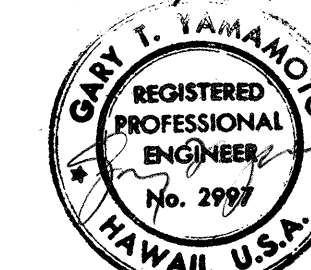
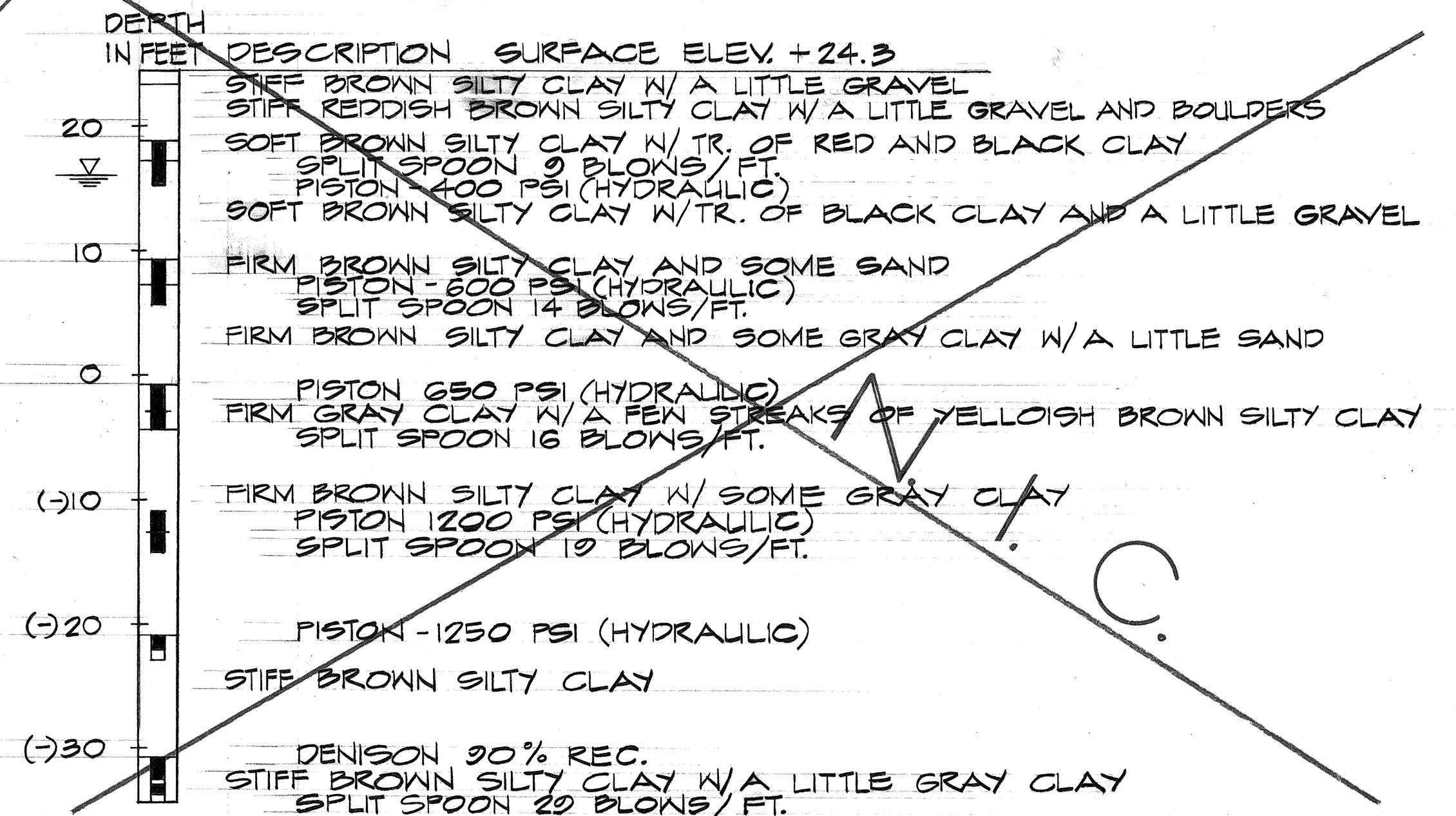
BORING M-14



BORING S-18



BORING M-15



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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FF-078-1(17)	1977	6	164

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

MOANALUA ROAD
PUULOA I.C. TO MIDDLE ST. - UNIT 2
F.A. PROJ. FF-078-1(17)
SCALE: AS SHOWN DATE: JAN. 14, 1977

SHEET NO. 5 OF 5 SHEETS