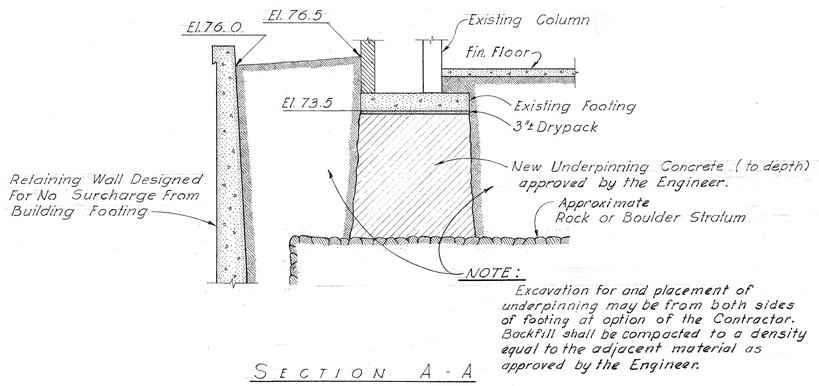
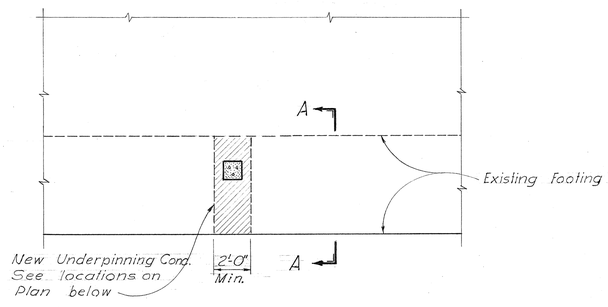
FED. ROAD DIST. No.	STATE	FED. AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
HAWAII	HAW	U-072-1(7) UNIT 3	1958	40	80



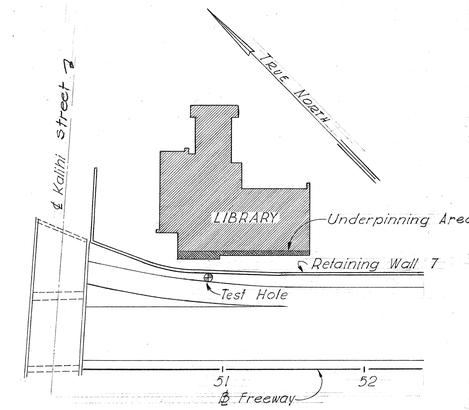
SECTION A-A



PLAN

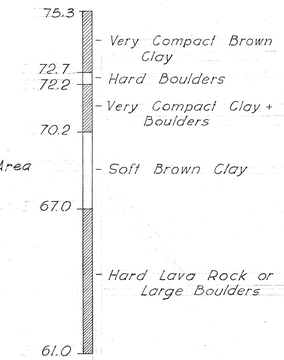
UNDERPINNING DETAILS

Scale 1/4" = 1'-0"



PLOT PLAN

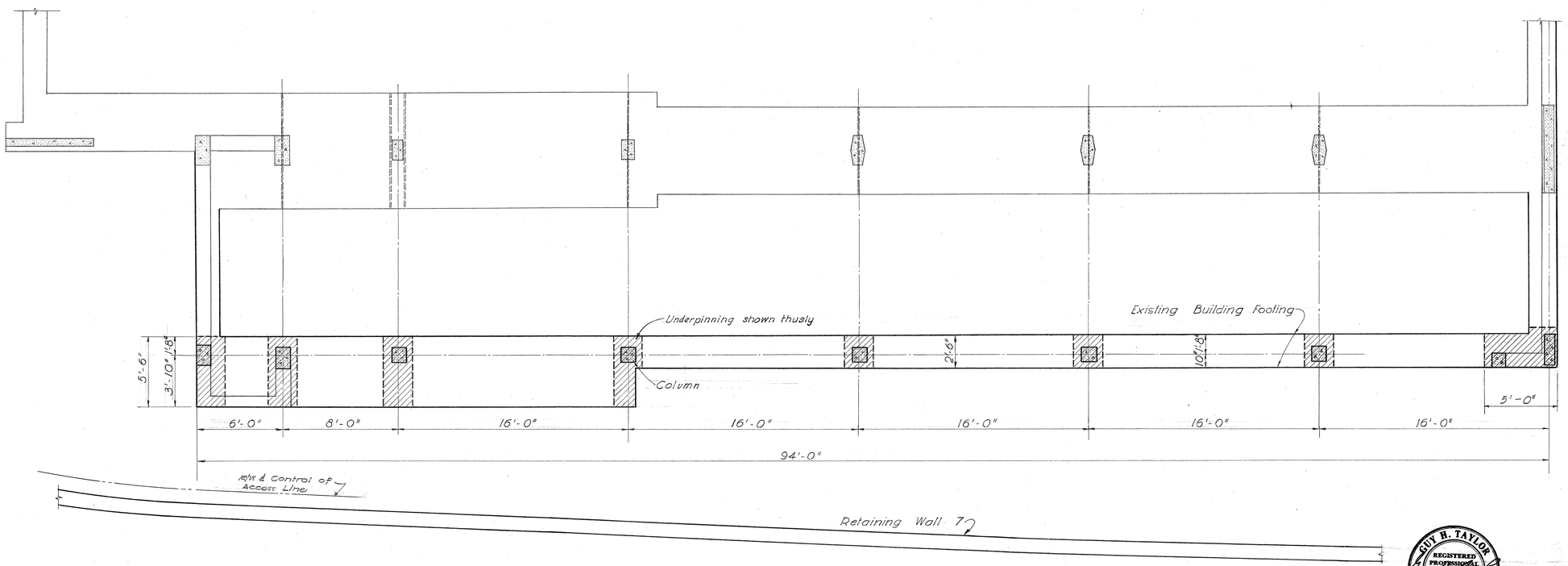
Scale 1" = 50'



TEST HOLE LOG

NOTES:

1. The contractor shall be solely responsible for the methods used in underpinning and for the safety of the existing structure. Temporary shoring shall be used as required to insure that no settlement occurs. Any damage or removal of existing construction shall be replaced equal to the original by the contractor at his own expense.
2. Construction methods shall be approved by the Engineer, but such approval will not relieve the contractor of his responsibility.
3. Sequence of underpinning shall be such that adjacent columns are not without permanent support at any time.
4. Dimensions and elevations shall be verified by the contractor.
5. Underpinning concrete shall have a minimum 28 day compressive strength of 2,000 p.s.i., and shall attain a strength of 2,000 p.s.i. before drypack is placed.
6. Drypack shall be a 1:1:1:1½ mix by weight of cement, sand, "Embeco" non-shrink admix, ¼ inch pea gravel and shall be mixed with a minimum of water in accordance with the manufacturer's instructions.
7. Underpinning work shall be completed before any excavation for roadway or retaining wall is started.



PARTIAL FOUNDATION PLAN SHOWING UNDERPINNING

Scale 1/4" = 1'-0"

ORIGINAL PLAN	
	SURVEY PLOTTED BY — DATE FEB 1957
	DESIGNED BY — " "
	DRAWN BY — SCHLEIB
	TRACED BY — " "
NOTE BOOK	QUANTITIES BY — SWITZGOY
	QUANTITIES CHECKED BY — WILCOX
No.	CHECKED BY — WILCOX

GUY H. TAYLOR — REGISTERED PROFESSIONAL ENGINEER — No. 882 — HAWAII, U.S.A.

MOFFATT, NICHOL & TAYLOR
Associated with
BELT, COLLINS & ASSOC., LTD.
Civil and Structural Engineers

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII

LIBRARY UNDERPINNING

LUNALILO FREEWAY U-072-1(7) UNIT 3

SHEET No. 1 OF 1 SHEETS

5983.40

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