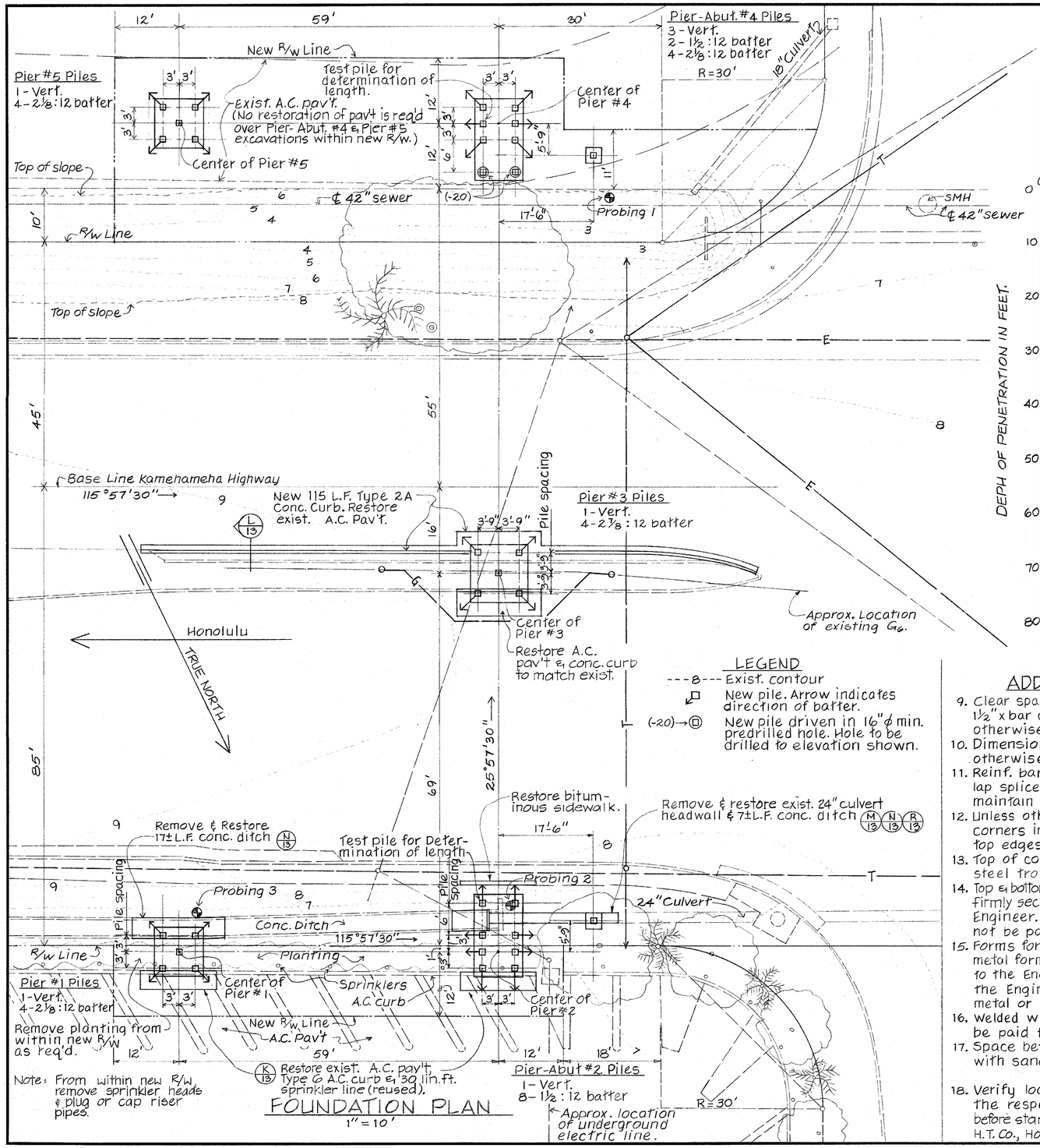
Approved to construct over Sewer Easement.

Chief, Div. of Sewers 5/21/71 Date

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	90B-01-70	1971	3	16



FOUNDATION PLAN

1" = 10'

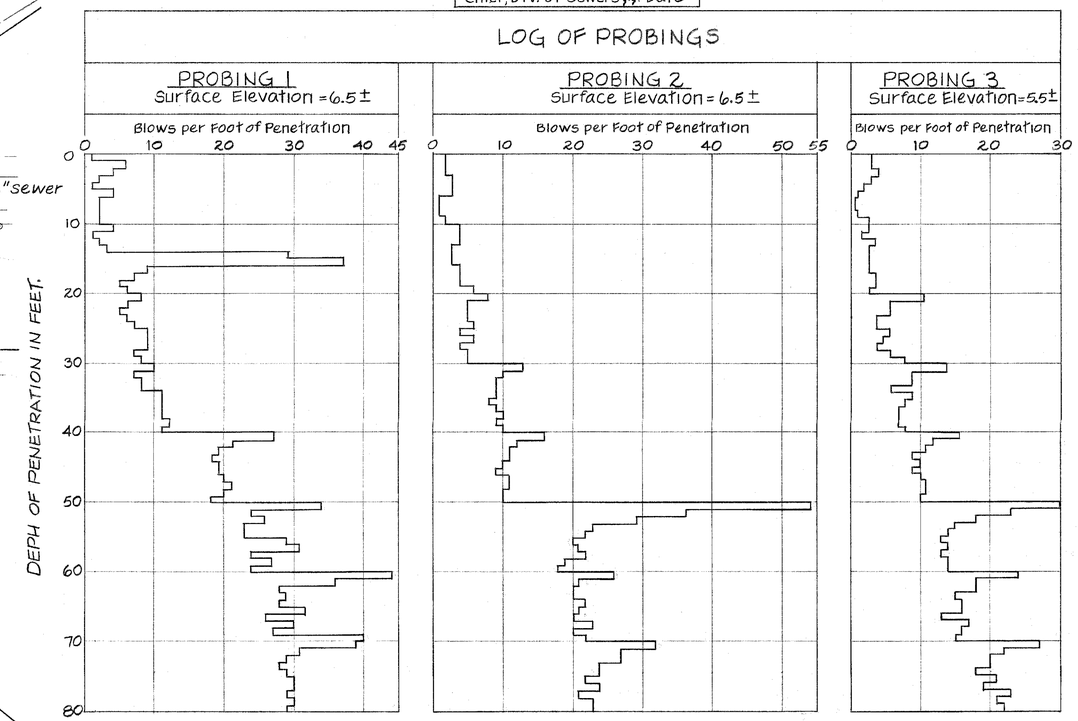
LEGEND

---8--- Exist. contour

New pile. Arrow indicates direction of batter.

(-20)→ New pile driven in 16" ϕ min. predrilled hole. Hole to be drilled to elevation shown.

LOG OF PROBINGS



Note: Probing were conducted with standard penetration tool driven with 140 pound Hammer falling 30 inches. Probings were made in February 1971.

ADDITIONAL GENERAL NOTES

9. Clear spacing between parallel bars shall be min. of 1½" x bar dia., but not less than 1½", unless indicated otherwise.
10. Dimensions for reinforcing are to bar centers unless otherwise noted.
11. Reinf. bars shall be securely tied at all intersections & lap splices & shall be held in place during pouring to maintain their proper locations.
12. Unless otherwise noted, all exterior & re-entrant corners in conc. work shall be chamfered ½" x ½" & all top edges shall be rounded ¼" rad.
13. Top of conc. seats to receive bearing pads shall be steel troweled to a smooth level surface.
14. Top & bottom surfaces of elastomeric bearing pads shall be firmly secured with adhesives approved by the Engineer. Pads shall be incidental to concrete & will not be paid for separately.
15. Forms for exposed surfaces shall be plywood, except that metal forms that can give surface finishes satisfactory to the Engineer may be used if approved in writing by the Engineer. Forms for prestressed members shall be metal or plywood.
16. Welded wire fabric to be incidental to conc. & will not be paid for separately. Min. lap = 1 mesh + 2".
17. Space between pile & drilled hole shall be packed tight with sand.
18. Verify location of all existing utility lines & notify the respective owners the following no. of working days before starting excavations or pile driving: H.E. Co.-7 days; H.T. Co., Hon. Gas Co., Sewer Div. & others - 5 days.
19. Pipes shall be securely supported when exposed by structural excavation.
20. H.T. Co., H.E. Co. & Hon. Gas Co. will relocate, at no cost to the Contractor, their poles and/or lines, as shown, before the Contractor is to start excavating or pile driving near their lines. Notify them in writing at least 20 working days before their work are to begin. Coordinate work with them. The Contractor shall excavate and backfill for H.T. Co. pole #39 & its anchor & shall install that anchor. Relocation of utilities, in addition to those shown, as required by the Contractor's operations, will be done by the utility companies when requested by the Contractor & shall be at the Contractor's expense. For electrical utility work see H.E. Co. Dwg. #44505 & for telephone utility work, see H.T. Co. Dwg. # 167-0358-1.

DAVID M. YAMAMOTO REGISTERED PROFESSIONAL ENGINEER No. 1399 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

David M. Yamamoto

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FOUNDATION PLAN AND PROBING LOGS

WAIMALU PEDESTRIAN OVERPASS

PROJECT NO. 90B-01-70

SHEET No. 1 OF 1 SHEETS

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

K+E CRYSTALINE LA 2920 TRACING PAPER

3