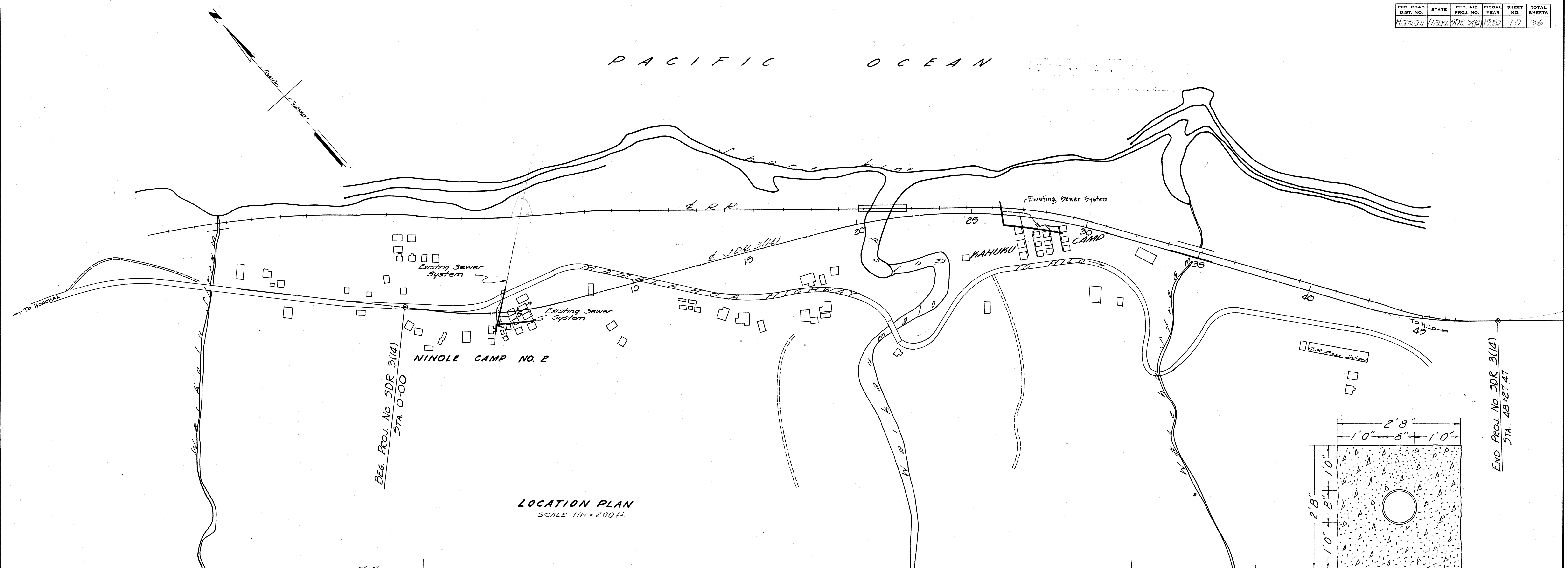
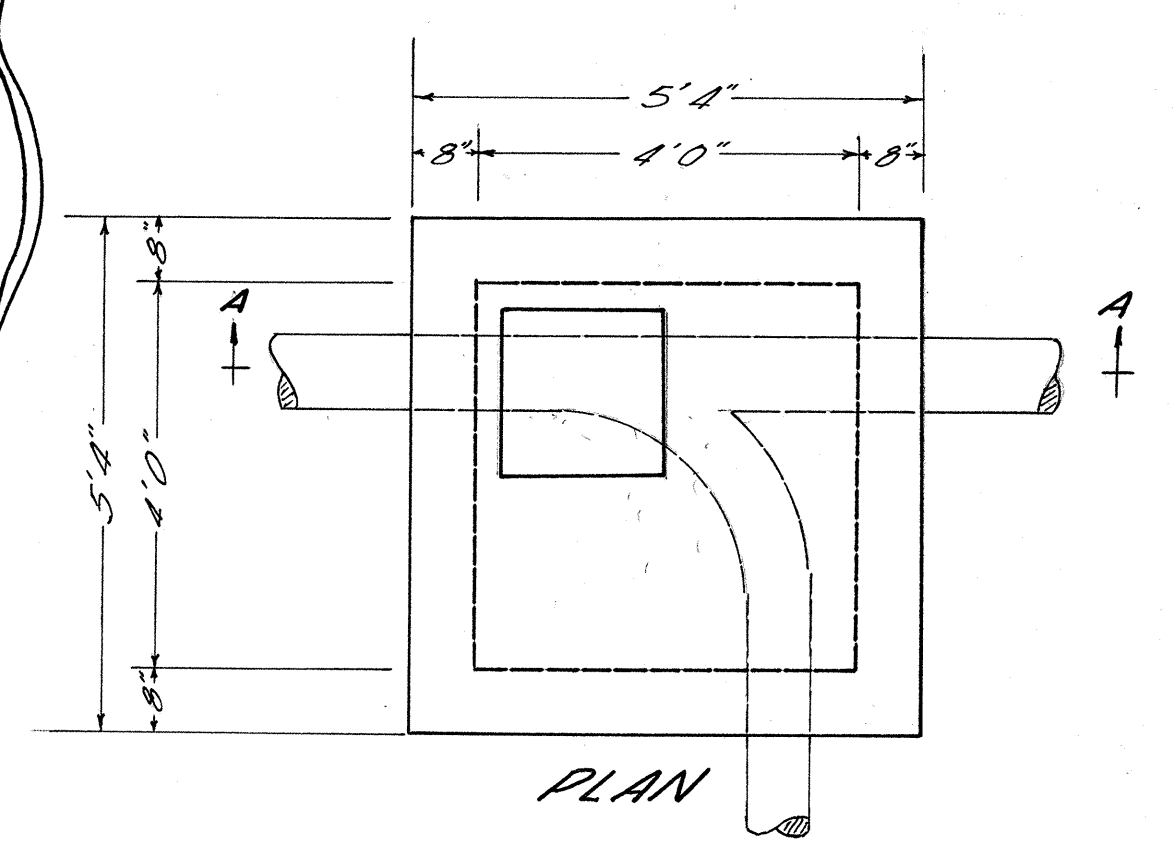


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	SDR 3(14)	1950	10	26

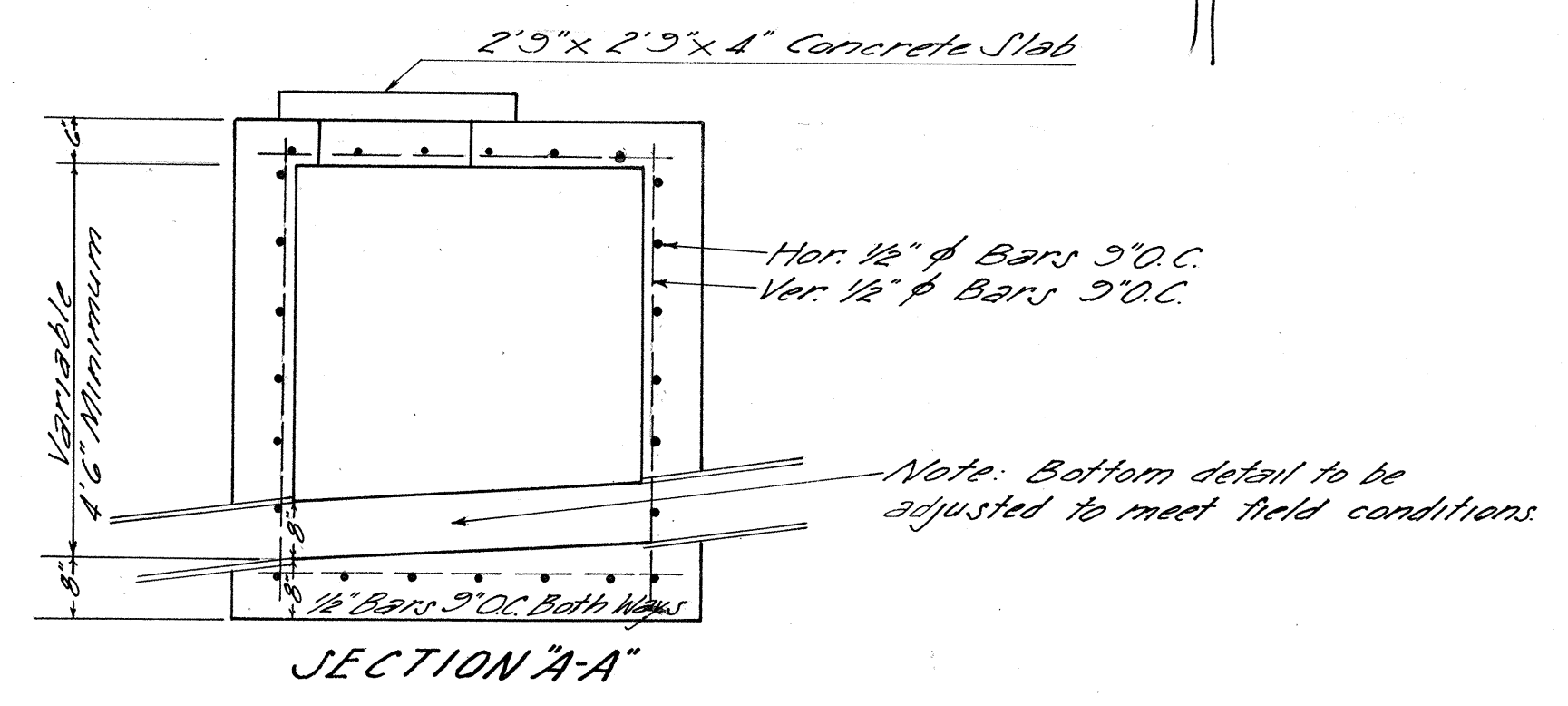
PACIFIC OCEAN



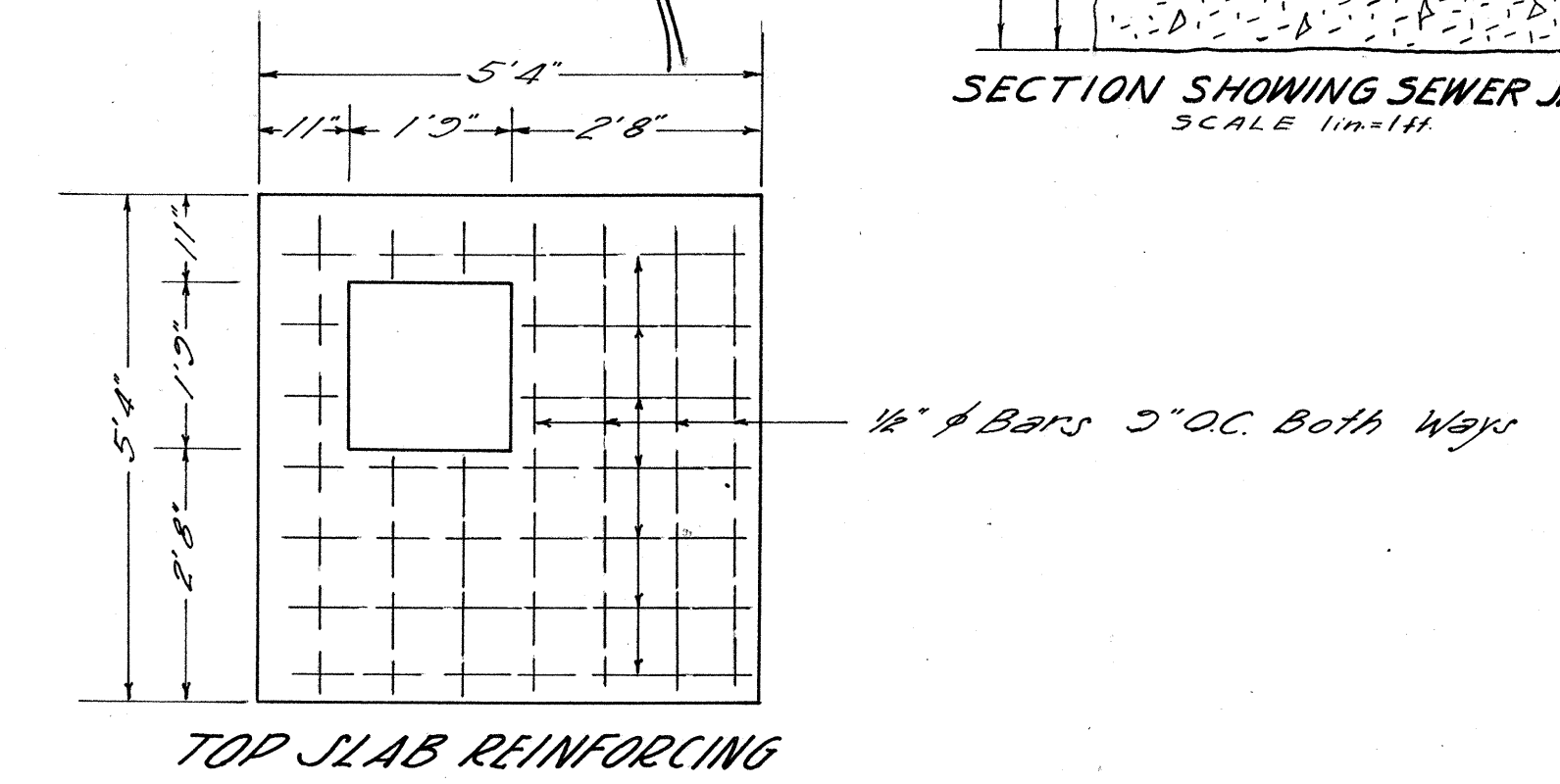
LOCATION PLAN
SCALE 1 in = 200 ft.



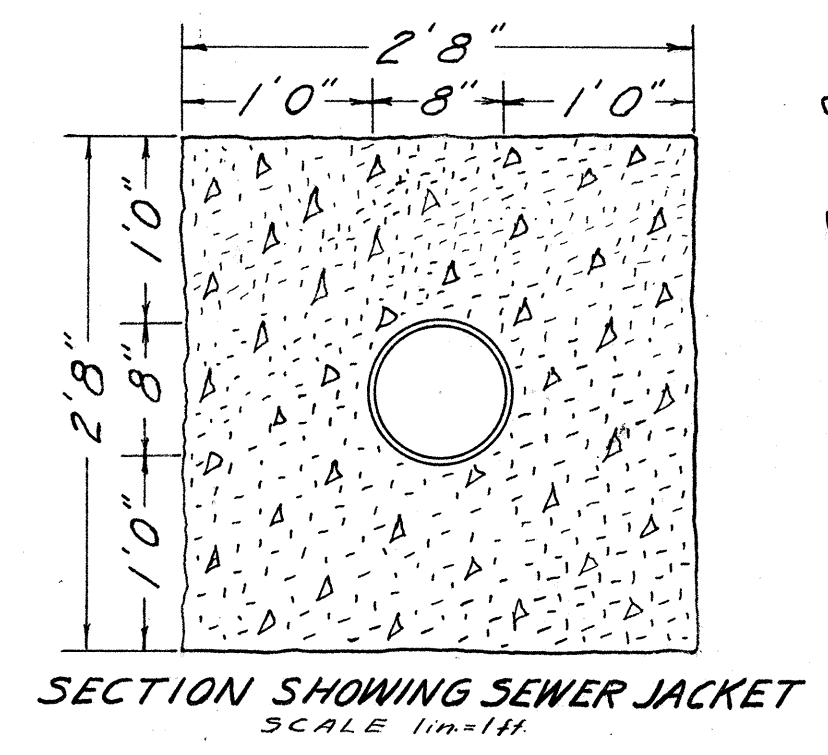
PLAN



SECTION "A-A"



TOP SLAB REINFORCING



SECTION SHOWING SEWER JACKET
SCALE 1 in = 1 ft.

Concrete shall be Class "B-1."

TYPICAL MANHOLE DETAIL
Scale: 1/2 in = 1 ft.

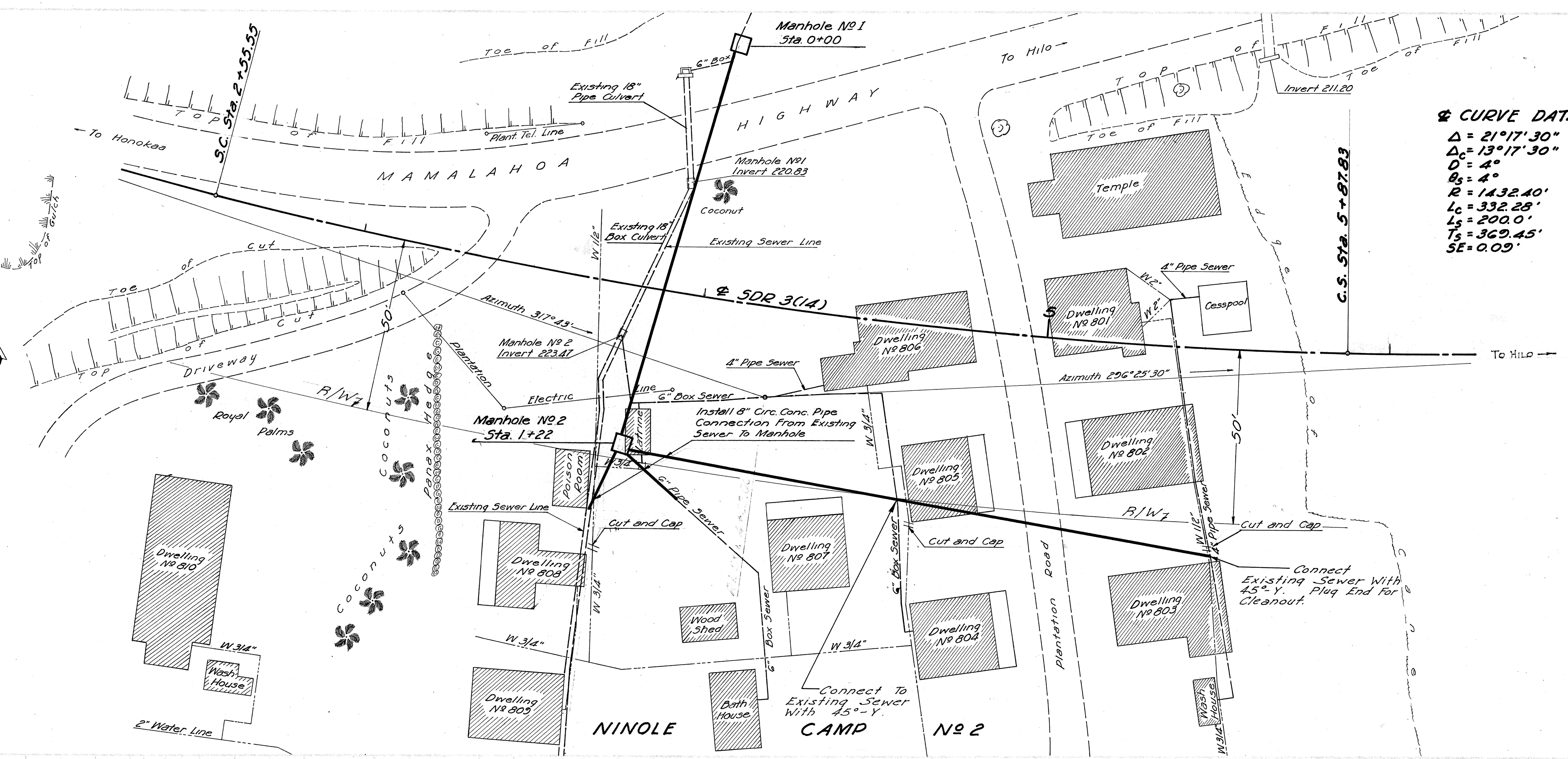
APPROVED: 3-20-50
B. J. Mc Morrow
BOARD OF HEALTH

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
MANHOLE DETAIL & GENERAL
LAYOUT OF SEWER
SYSTEM
HAWAII BELT ROAD PROJ. SDR 3(14)
Scale as noted Jan. 2, 1950

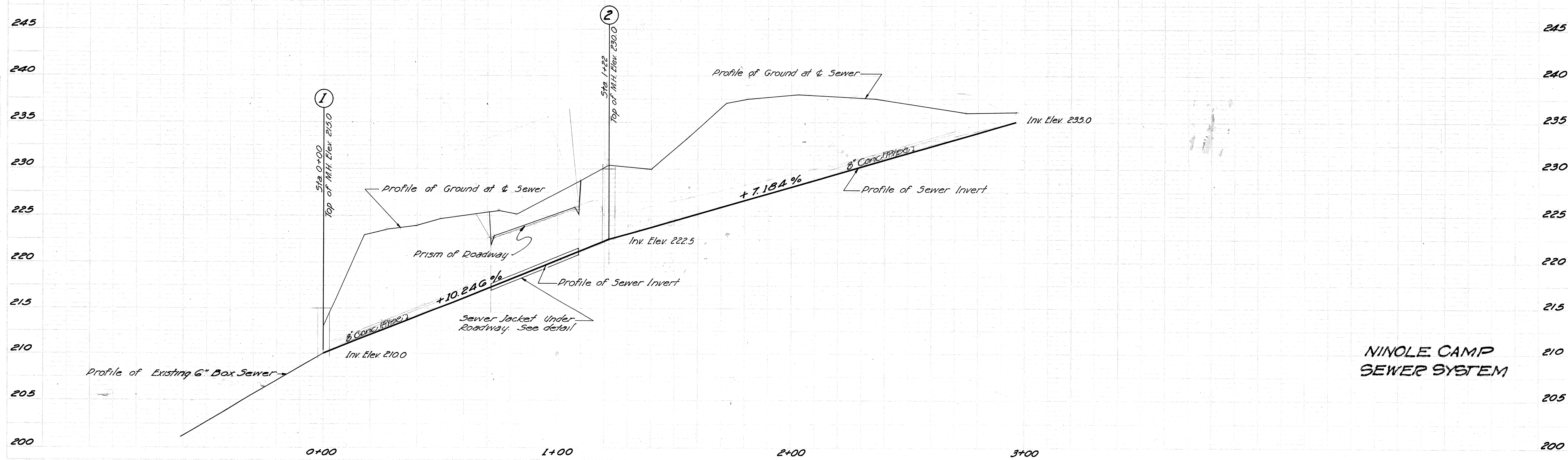
SHEET No. 1 OF 3 SHEETS

5472.10

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



CURVE DATA
 $\Delta = 21^\circ 17' 30''$
 $\Delta_c = 13^\circ 17' 30''$
 $D = 4'$
 $R = 1432.40'$
 $L_c = 332.28'$
 $L_s = 200.0'$
 $T_s = 369.45'$
 $SE = 0.09'$



**NINOLE CAMP
SEWER SYSTEM**

