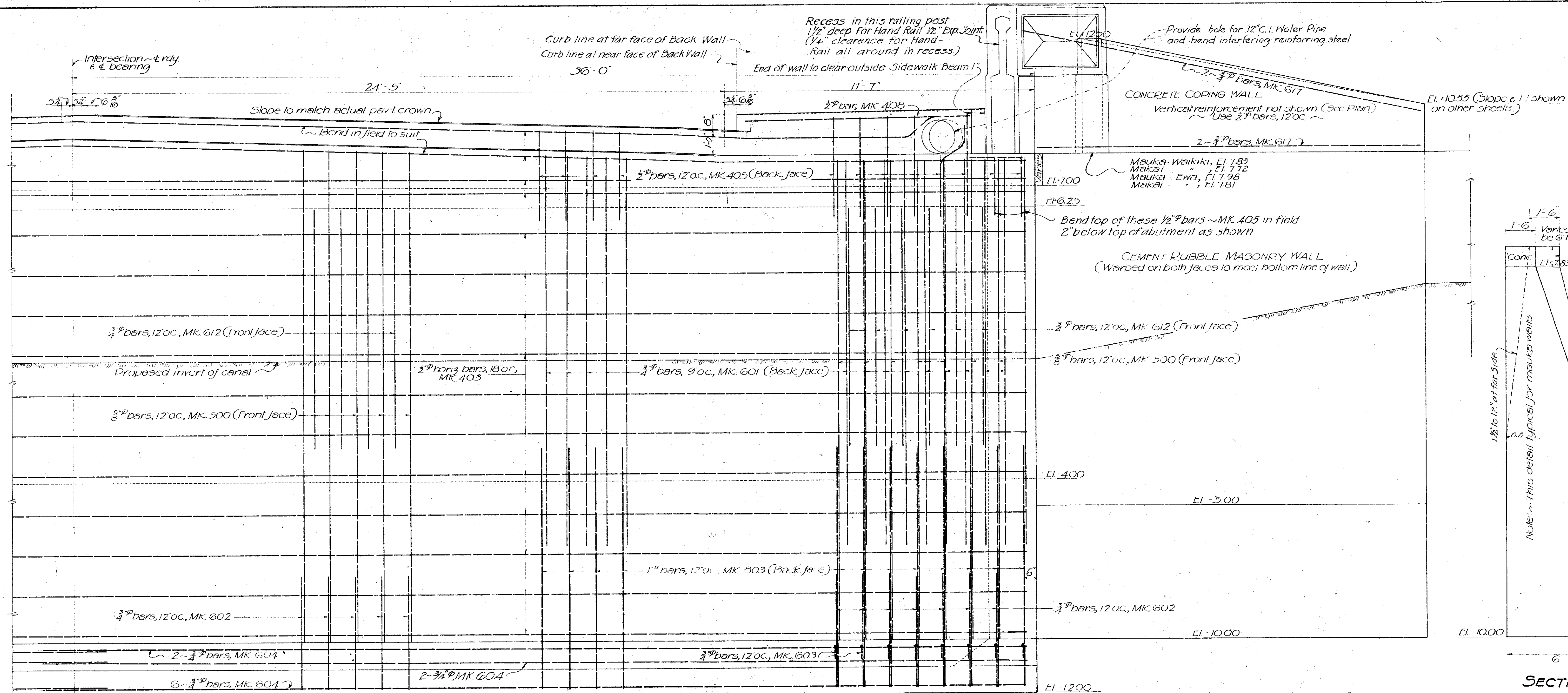
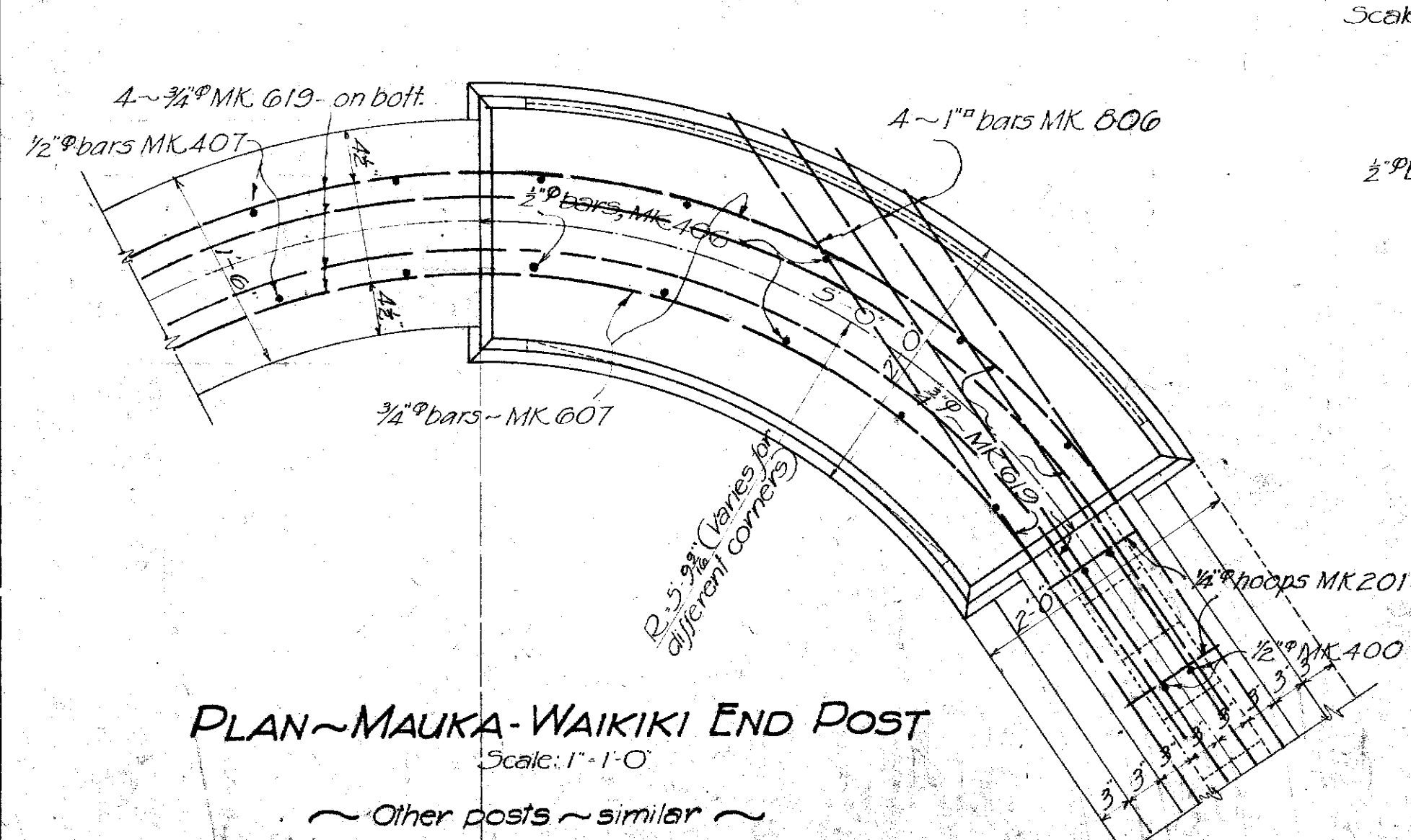
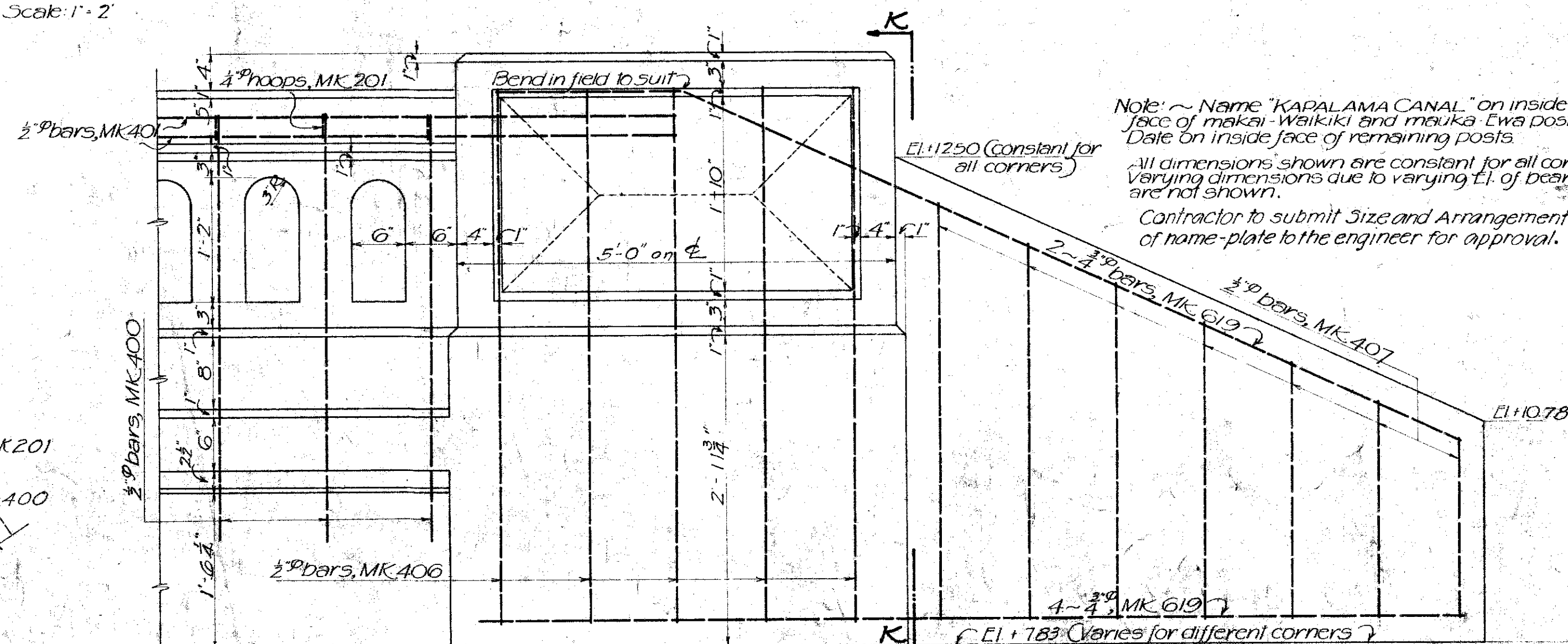




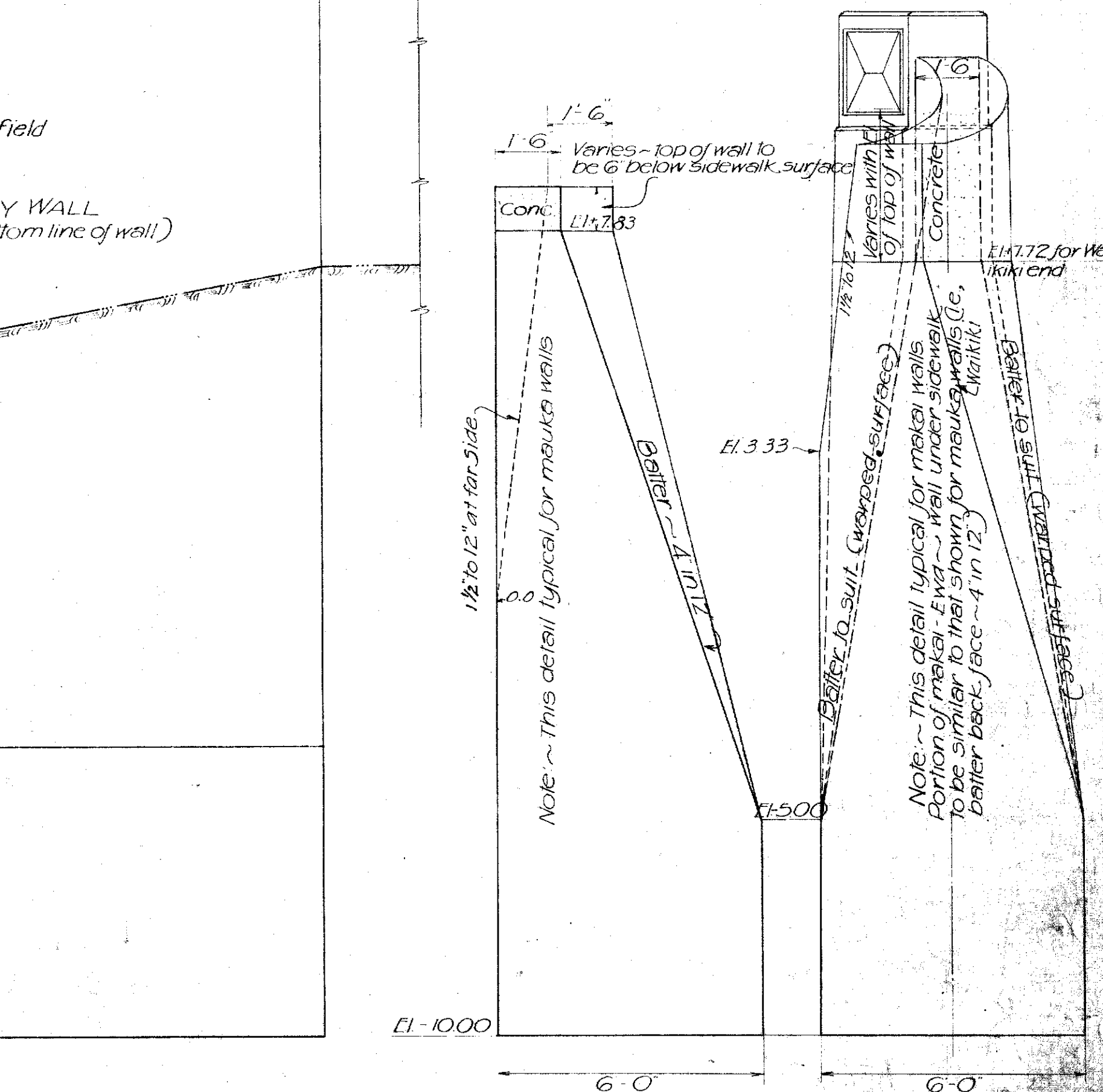
ELEVATION E-E OF ABUTMENT (NEW) SHOWING TYPICAL PATTERN FOR WALL STEEL
~ MAKAI - WAIKIKI END SHOWN ~
Scale: 1" = 2'



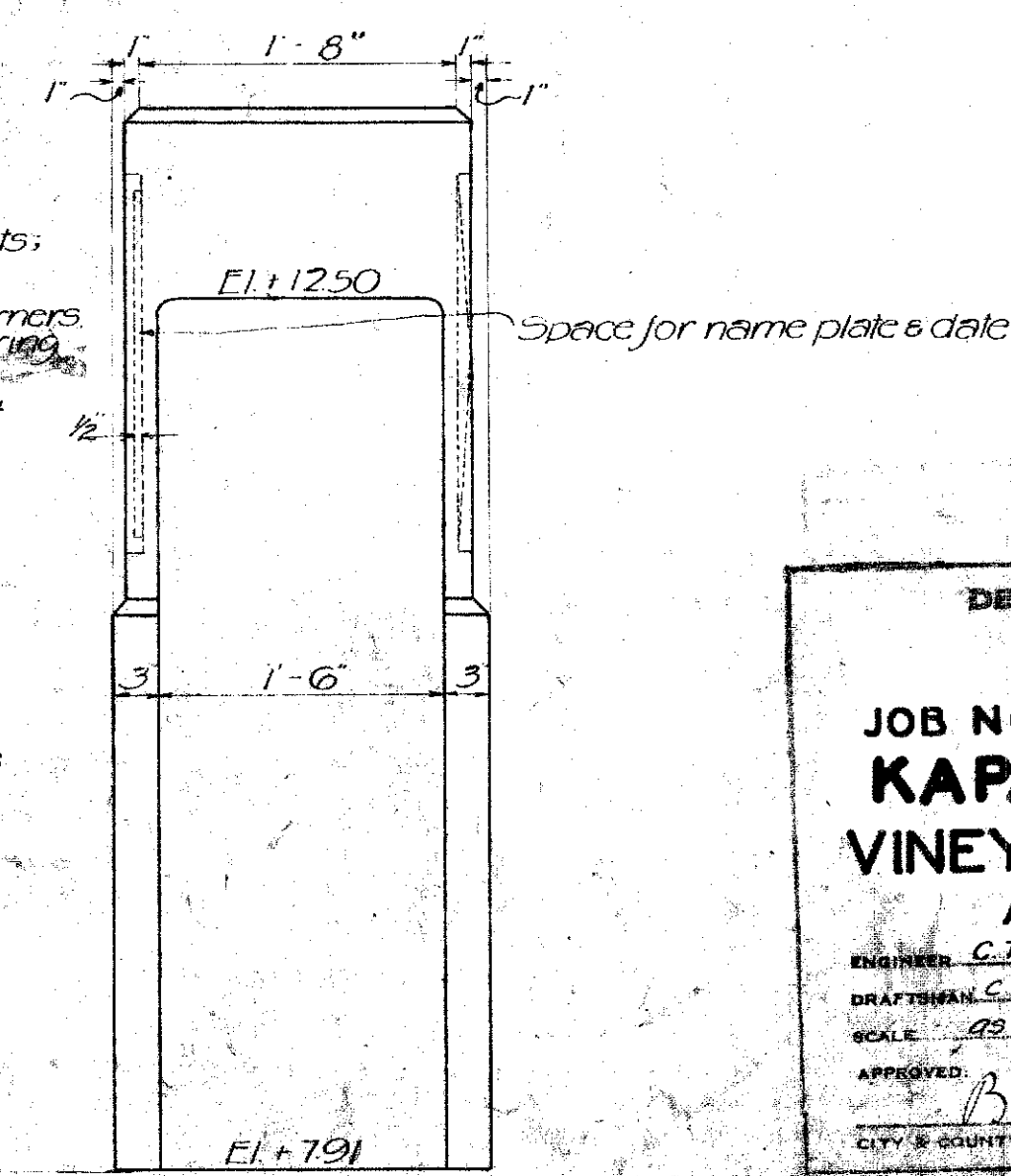
PLAN~MAUKA-WAIKIKI END POST
Scale: 1" = 1'-0"
~ Other posts ~ similar ~



ELEVATION DEVELOPED TO SHOW TRUE (CURVED) LENGTH ON
NEAR SIDE OF POST AND RETURN RAIL (MAUKA WAIKIKI END POST)
Scale: 1" = 1'-0"



SECTION G-G SECTION H-H
TYPICAL DETAIL~CRM WINGWALLS
Scale: 3/8" = 1'-0"



SECTION K-K

DEPARTMENT OF PUBLIC WORKS CITY AND COUNTY OF HONOLULU	
BUREAU OF PLANS	
JOB NO. 44-37	UNIT - 1
KAPALAMA DRAINAGE	
VINEYARD STREET BRIDGE	
ABUT., WINGWALL & END POST	
ENGINEER: C.T.L.	DATE: Nov. 17, 1987
DRAWN: C.T.L.	CHECKED BY: J. Odo
SCALE: as noted	TRACED: E.F.E.Y.
APPROVED: R.F. Rush	BUREAU ENGINEER: R.S. Mowry
CITY & COUNTY ENGINEER	BUREAU ENGINEER
SHEET NO. 56 OF 76	