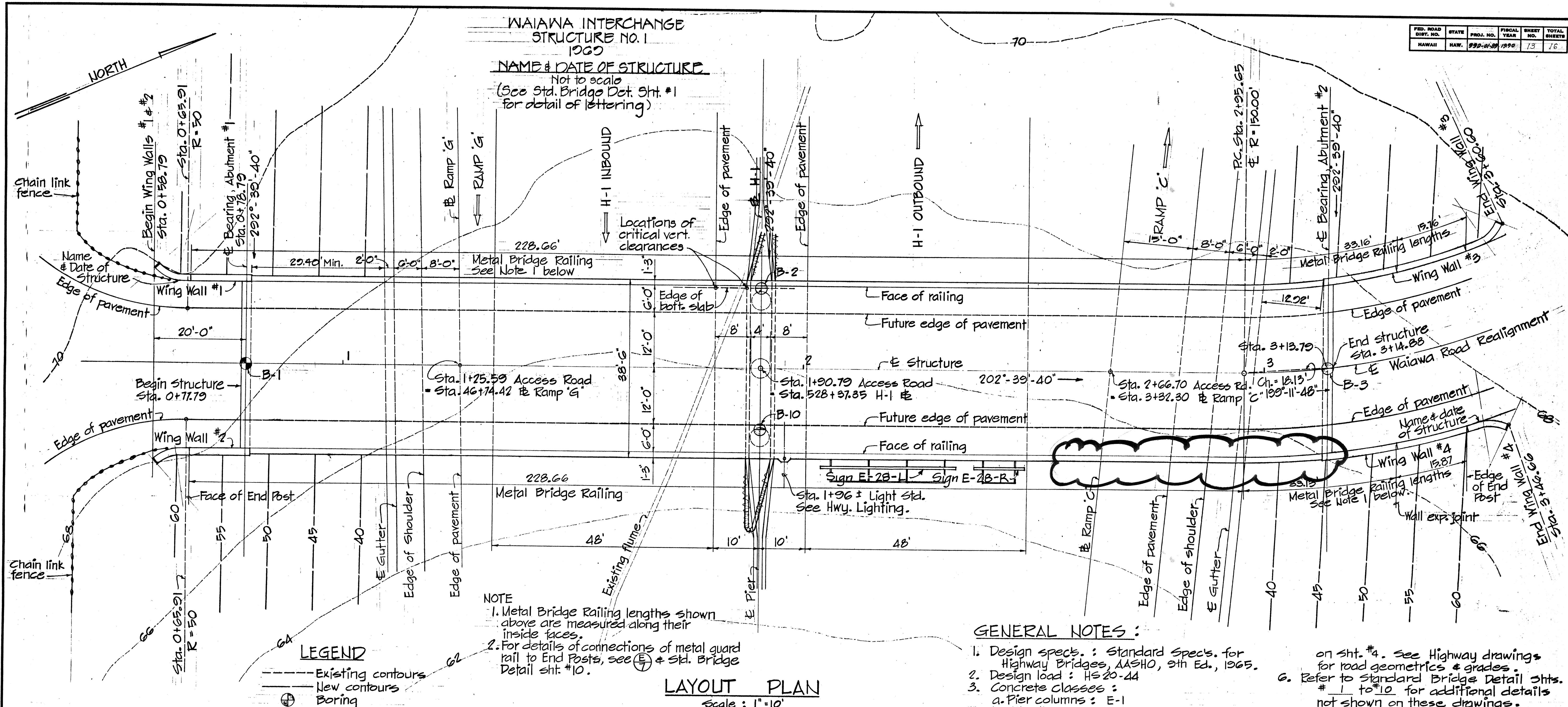
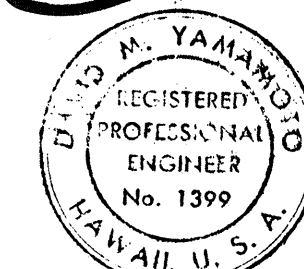




TOP OF FINISH ROADWAY GRADE					
DESCRIPTION	STATION	LEFT OFFSET FIN. ELEV.	ROAD & FIN. ELEV.	RIGHT OFFSET FIN. ELEV.	
Begin W.W. #1	0+58.79	18.58	61.22	61.50	18.58
& Bearing, Abut. #1	0+78.79	18.00	61.63	61.90	18.00
Pts. on struct.	1+00.00	19.25	62.03	62.32	19.25
" " "	1+25.00	19.25	62.48	62.77	19.25
" " "	1+50.00	19.25	62.83	63.12	19.25
" " "	1+75.00	19.25	63.07	63.36	19.25
" " "	2+00.00	19.25	63.22	63.51	19.25
" " "	2+25.00	19.25	63.26	63.55	19.25
" " "	2+50.00	19.25	63.20	63.49	19.25
" " "	2+75.00	19.25	63.04	63.33	19.25
" " "	3+00.00	19.25	62.78	63.07	19.25

DESCRIPTION	STATION	LEFT OFFSET FIN. ELEV.	ROAD & FIN. ELEV.	RIGHT OFFSET FIN. ELEV.	
Pts. on Struct.	3+00.00		63.07	63.17	
& Bearing, Abut. #2	3+16.28	18.00	62.60	62.87	
" " "	3+13.79		62.90		
" " "	3+11.84		62.92	63.0	
Wing Walls #3 & #4	3+25.00	18.00	62.49	62.76	
" " "	3+25.00		62.76	18.00	63.03
End W.W. #4	3+46.88		62.49	18.00	62.76
End W.W. #3	3+60.60	18.00	62.18	62.45	
" " "	3+60.60	18.00	62.04	62.31	

THIS DRAWING IS, IN PART, ORIGINAL CONTRACT PLANS OF EXISTING BRIDGE FOR INFORMATION & GUIDANCE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

David M. Yamamoto

ESTIMATED QUANTITIES	
Concrete (Lump Sum)	1,072 c.y.
Reinf. Steel (Lump Sum)	324,000 lb.
Structural Excavation	586.43 c.y.
Filter Material	51 c.y.
Metal Bridge Railing (3-rail type)	551.50 l.f.

Note: Conc. jackets for H.T. Co. & H.E. Co. conduits are not included in the quantities listed above.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

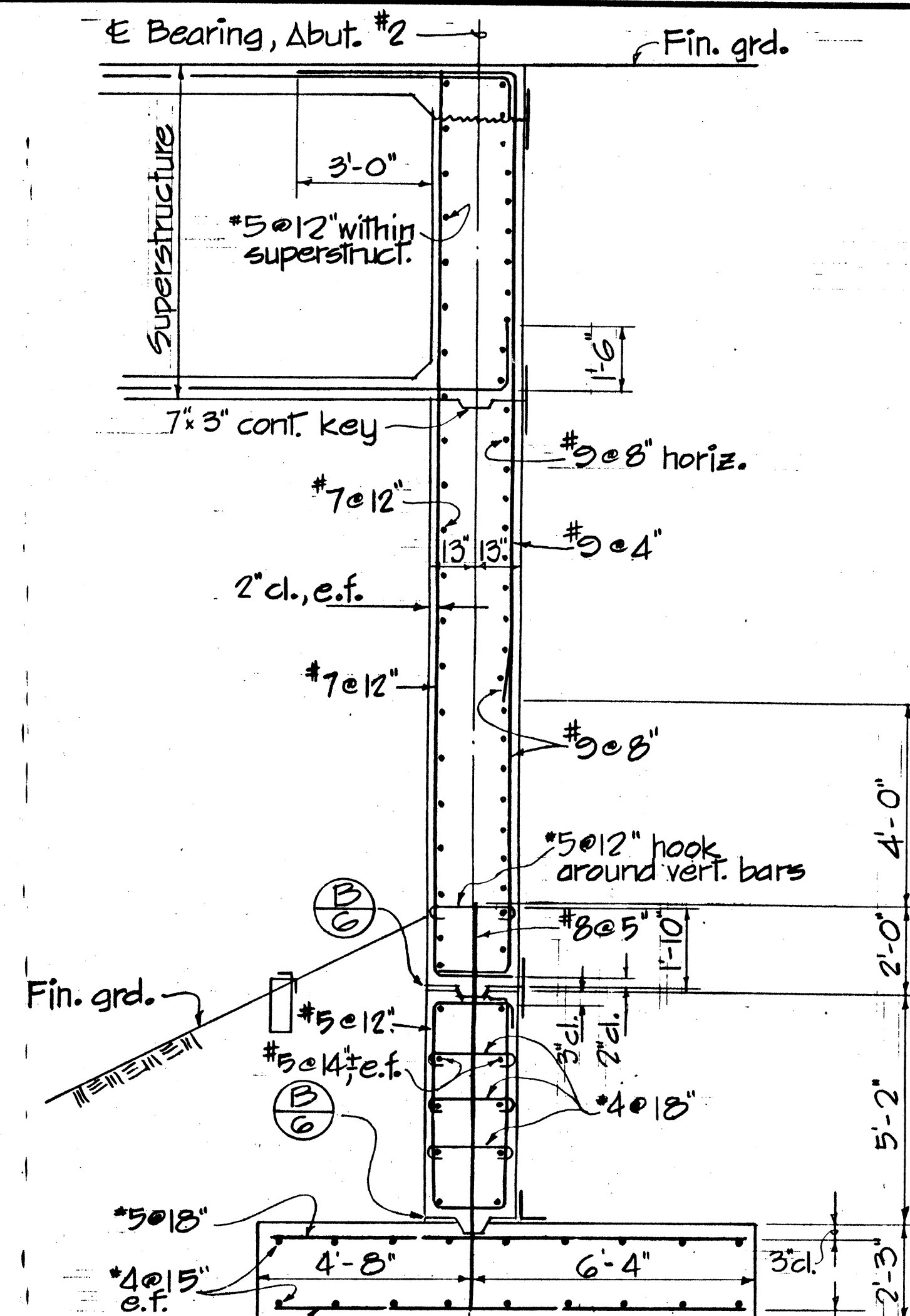
**WAIAWA INTERCHANGE
UNIT I
STRUCTURE NO. 1**

WAIAWA ROAD REALIGNMENT STA. 0+78.79 TO 3+46.88
LAYOUT PLAN

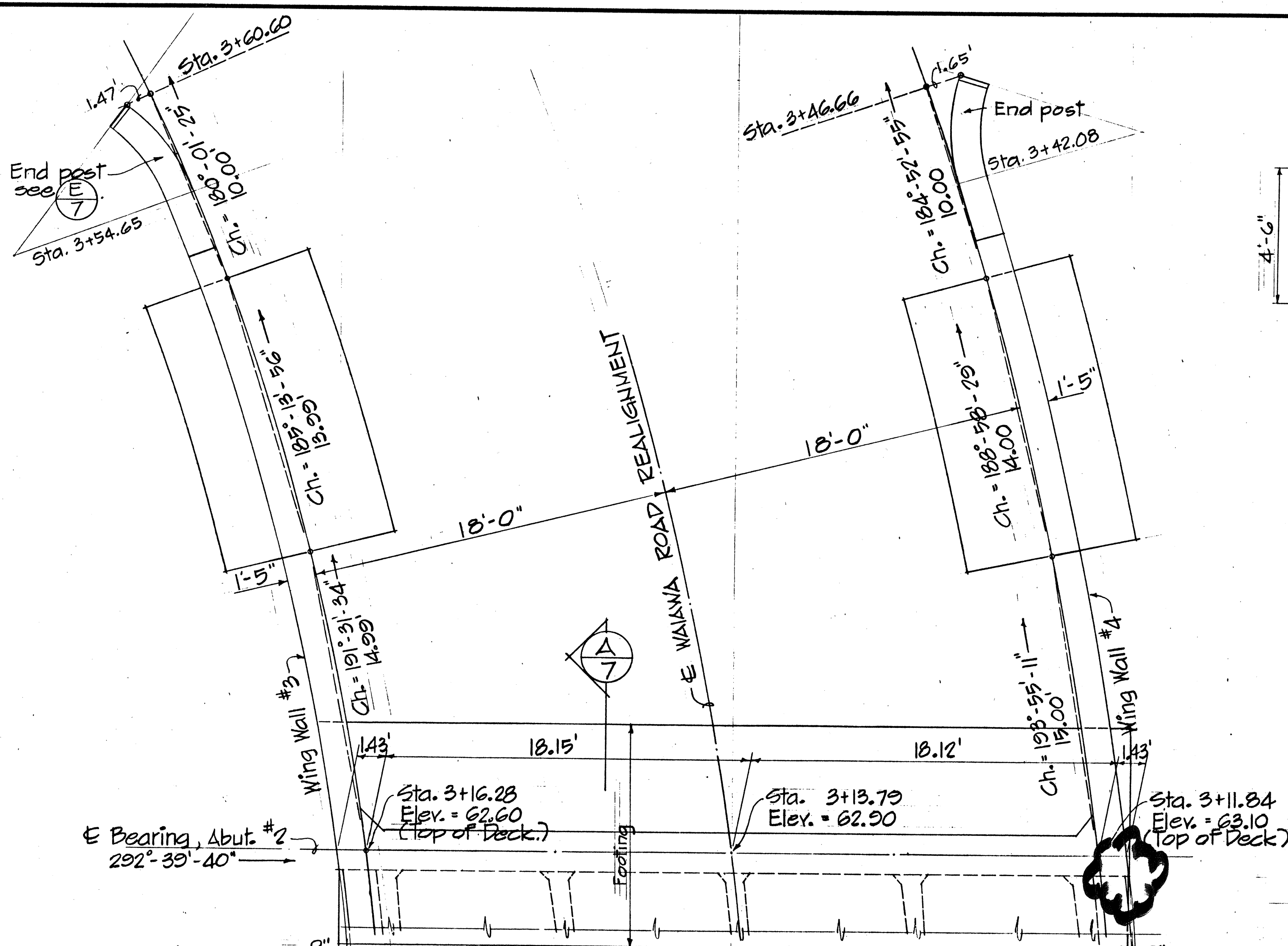
F.A.T. PROJ. NO. I-H-1(40)-9
Proj. No. 99D-01-09
Scale: As shown Date: Aug. 1968

SHEET No. 01 OF 4 SHEETS

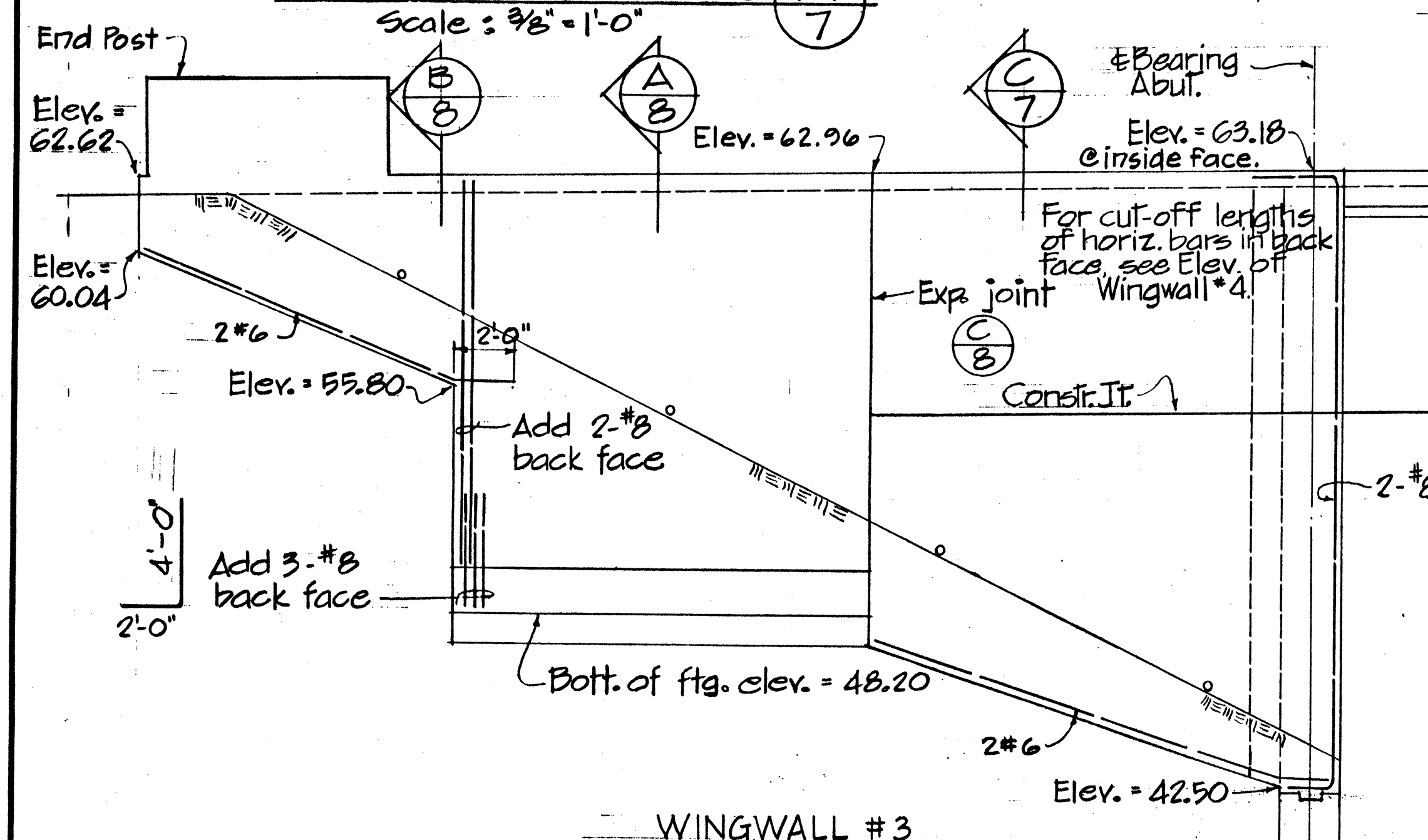
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	99D-01-39	1990	15	16



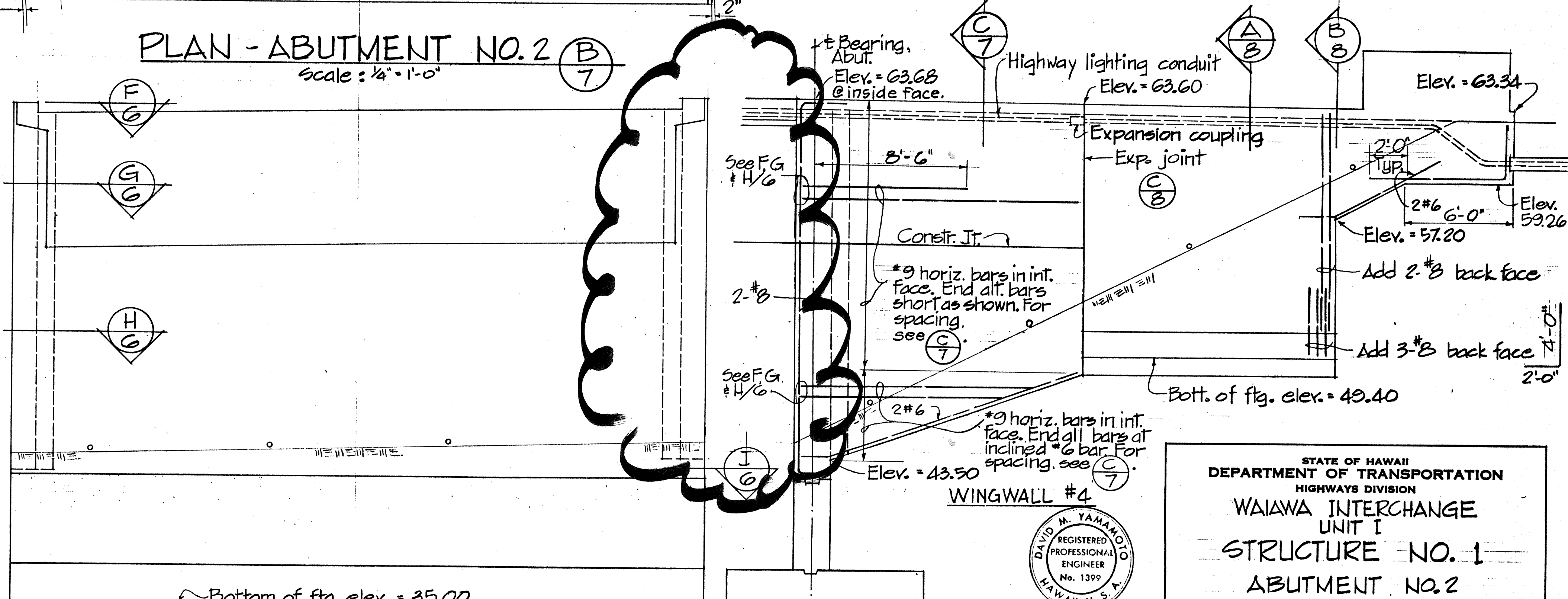
SECTION - ABUT. #2 (A)
Scale: 3/8" = 1'-0"



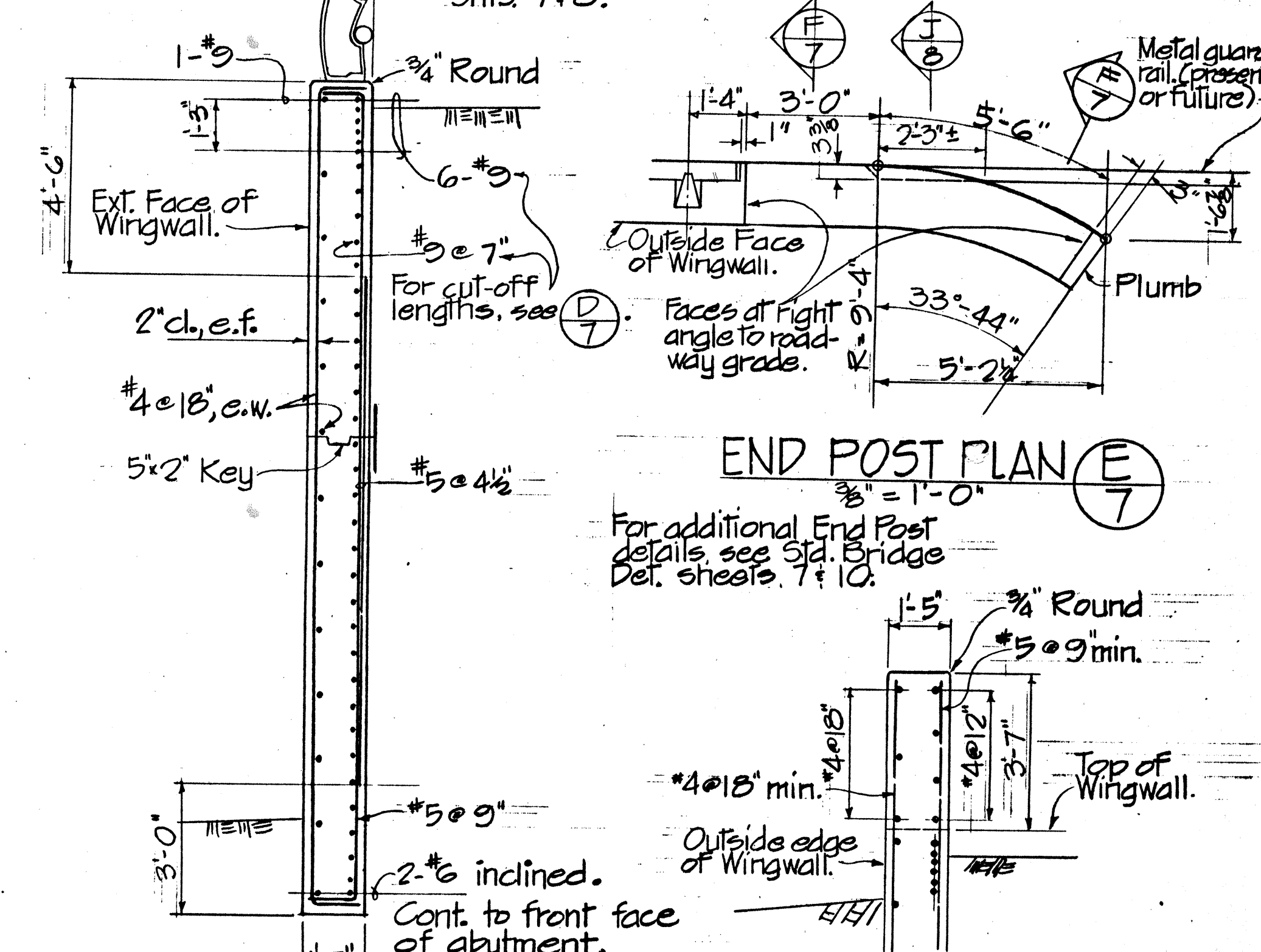
PLAN - ABUTMENT NO. 2 (B)
Scale: 1/4" = 1'-0"



WINGWALL #3



ELEVATION - ABUTMENT NO. 2 (D)
Scale: 1/4" = 1'-0"

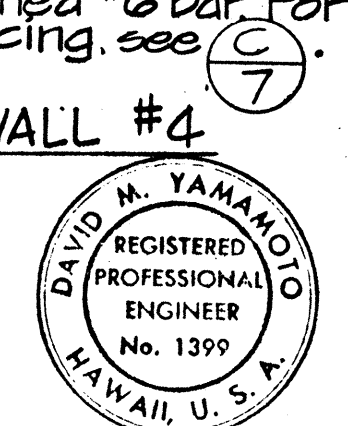


END POST PLAN (E)
Scale: 3/8" = 1'-0"

END POST SECTION (F)
Scale: 3/8" = 1'-0"

WING WALL #3 & #4 SECTION (C)
Scale: 3/8" = 1'-0"

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
WAIAWA INTERCHANGE
UNIT I
STRUCTURE NO. 1
ABUTMENT NO. 2
F.A.I. PROJ. NO. I-III-148)-9
Proj. No. 99D-01-39
Scale: As shown Date: Aug 1989
SHEET No. 03 OF 4 SHEETS

