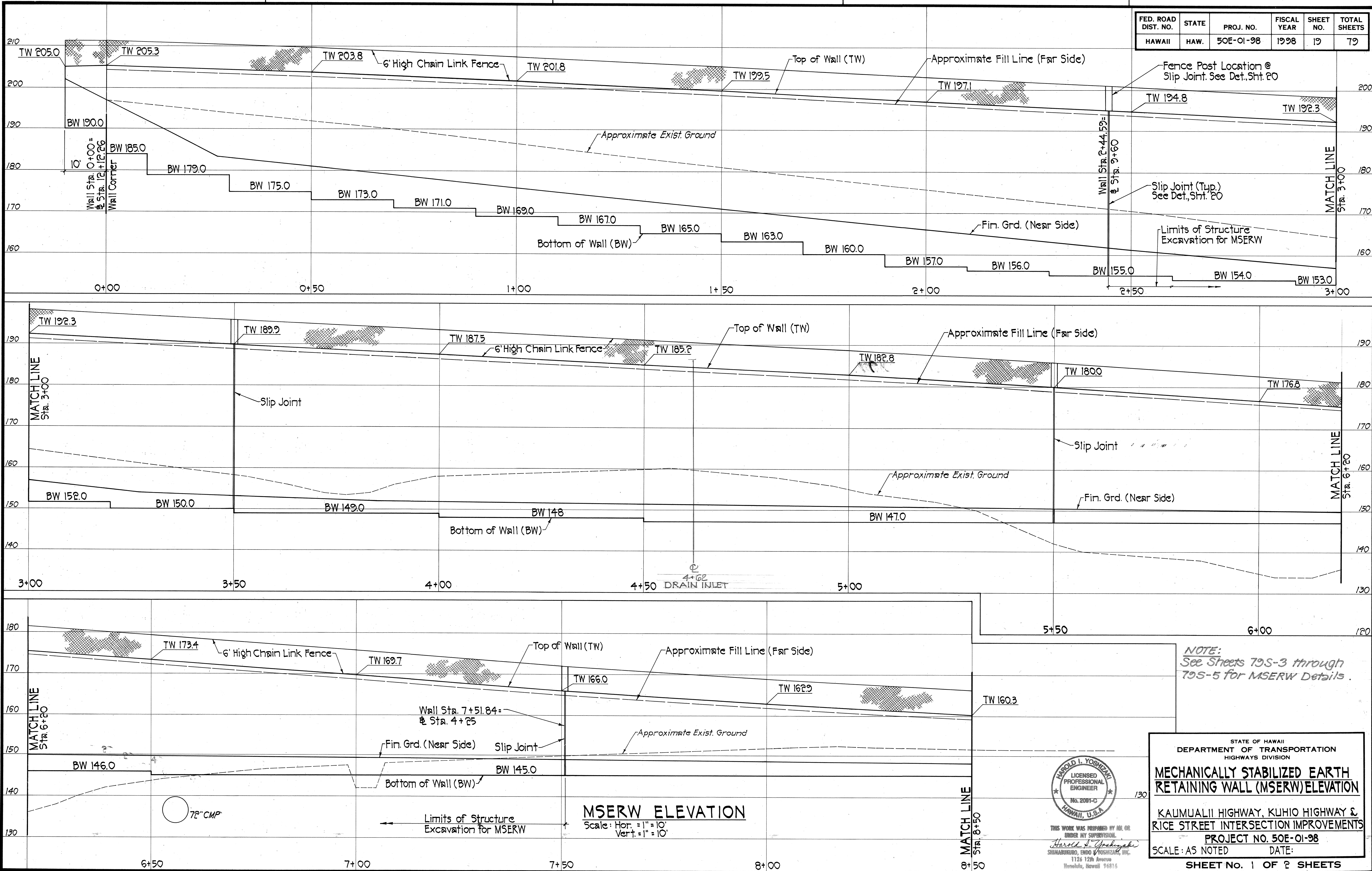
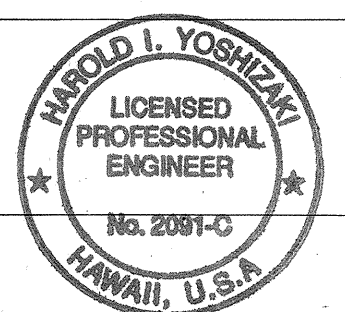


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50E-01-98	1998	19	79



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BY	DRAWN BY	
QUANTITIES BY	TRACED BY	
CHECKED BY	NOTED BY	
NO.		

NOTE:
See Sheets 79S-3 through 79S-5 for MSERW Details.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Harold I. Yoshizaki
SHIMABUKURO, ENDO & YOSHIZAKI, INC.
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

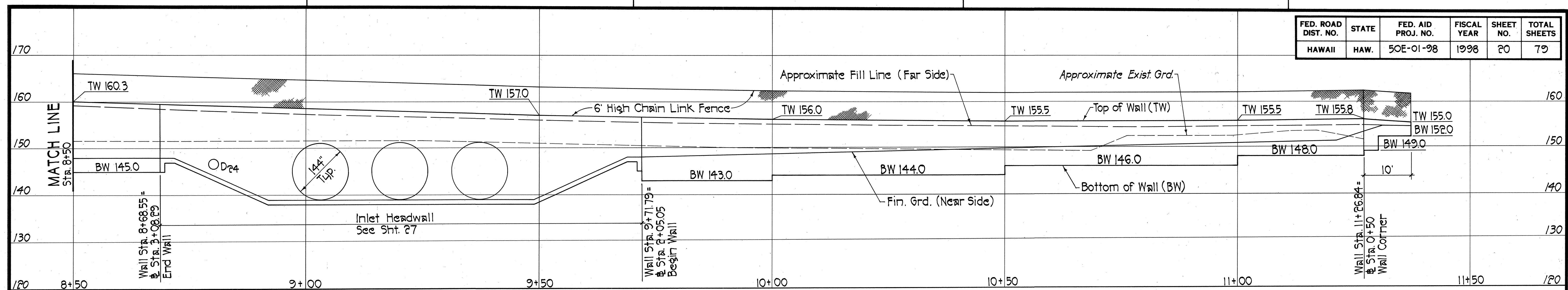
MECHANICALLY STABILIZED EARTH
RETAINING WALL (MSERW) ELEVATION

KAUMUALII HIGHWAY, KUHIO HIGHWAY &
RICE STREET INTERSECTION IMPROVEMENTS
PROJECT NO. 50E-01-98
SCALE: AS NOTED DATE:

SHEET NO. 1 OF 2 SHEETS

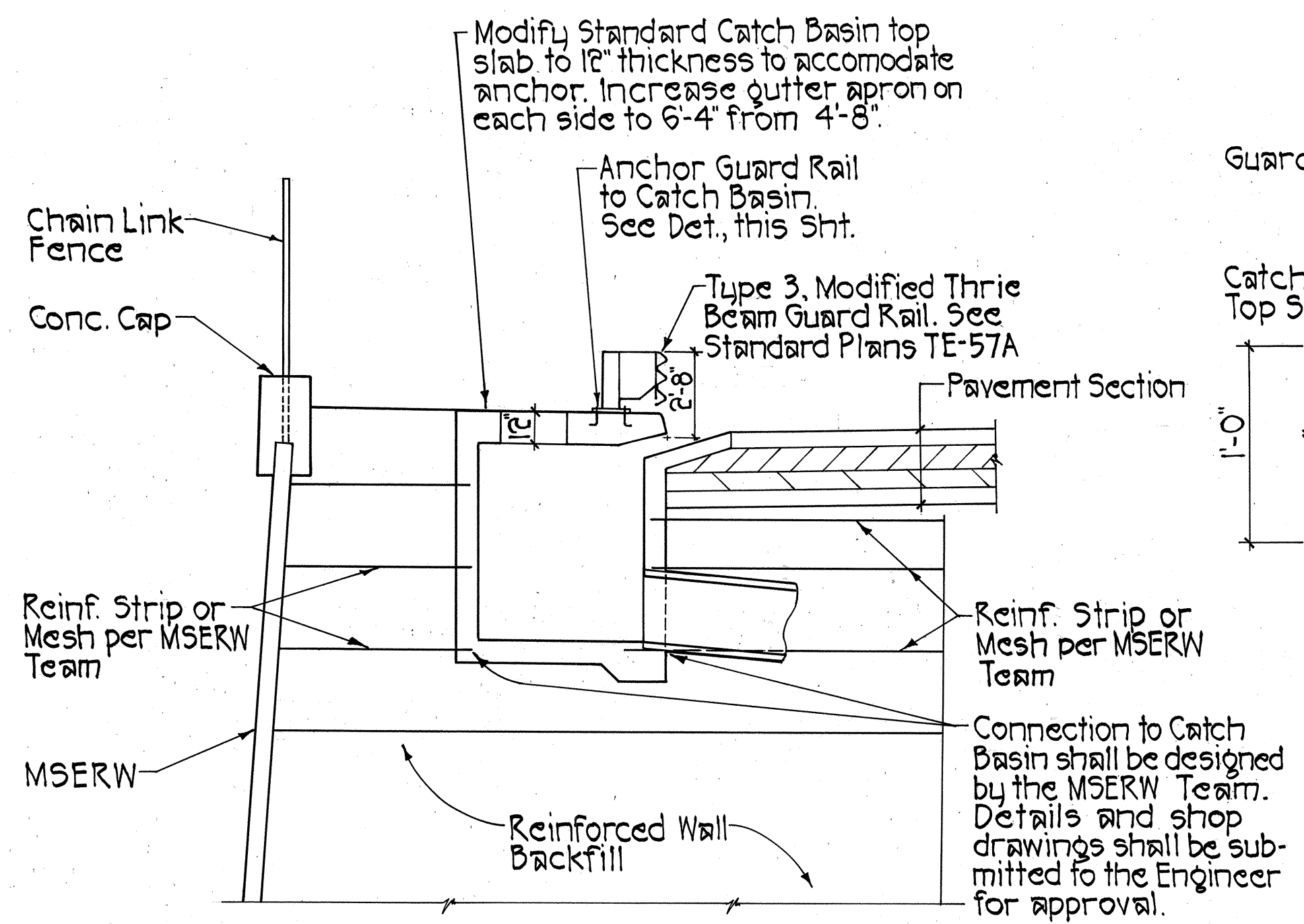
AS-BUILT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50E-01-98	1998	20	79



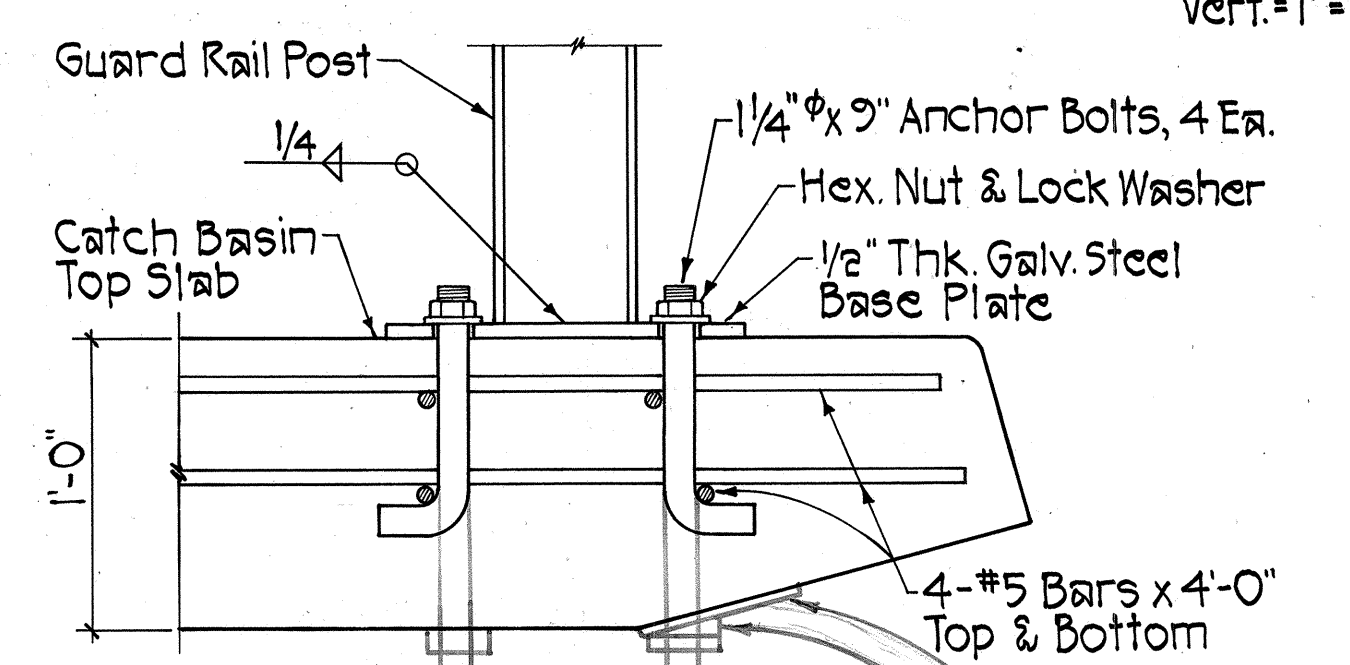
MSERW ELEVATION

Scale: Hor. = 1"=10'
Vert. = 1"=10'



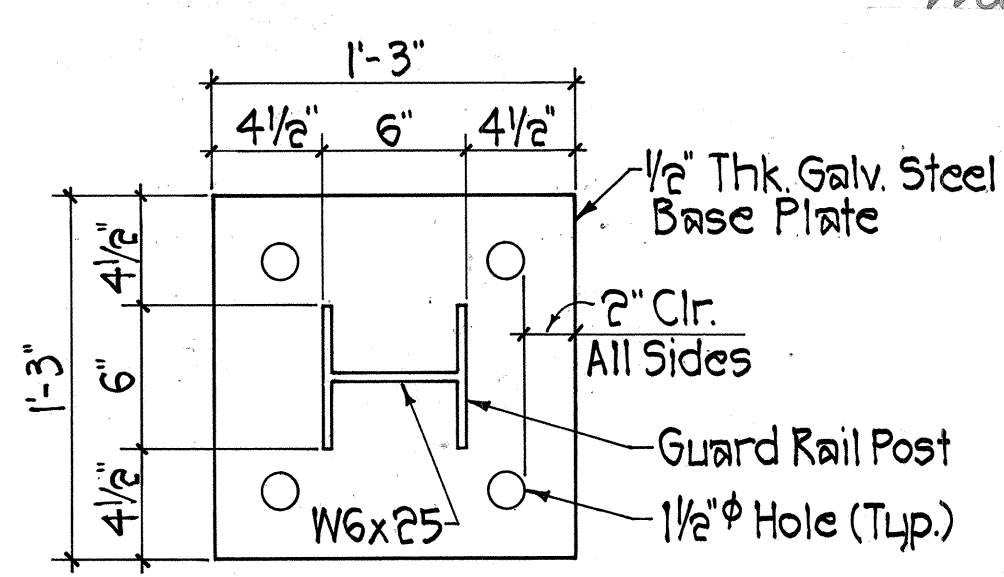
GUARD RAIL ATTACHMENT DETAIL

Scale: 1/4"=1'-0"



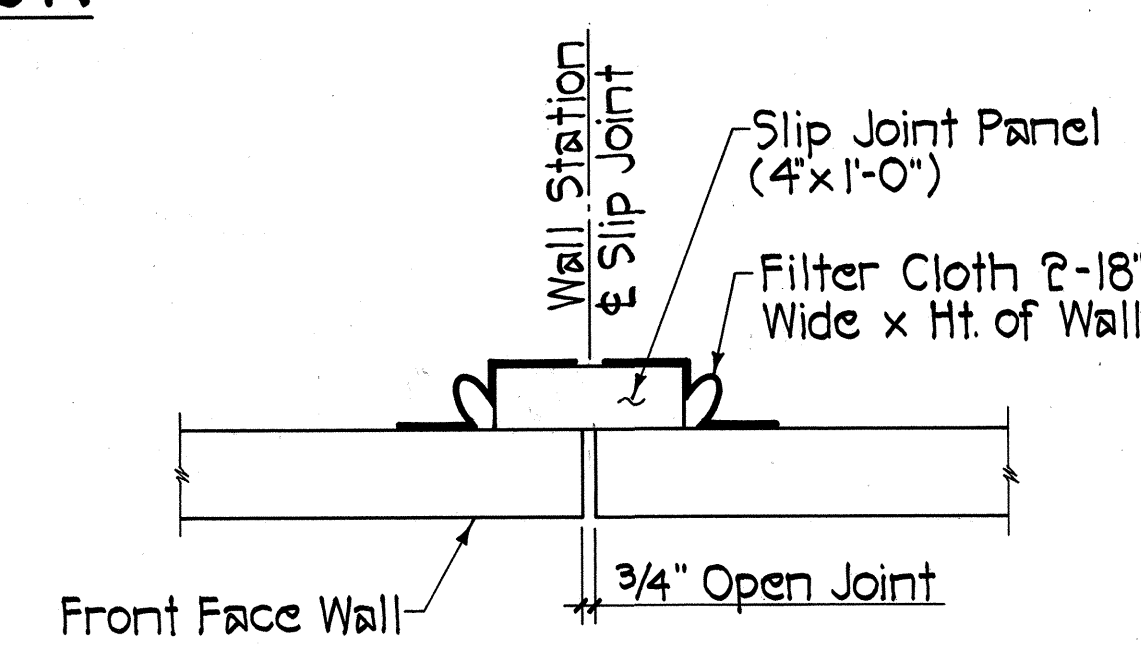
ANCHOR DETAIL

Scale: 1 1/2"=1'-0"



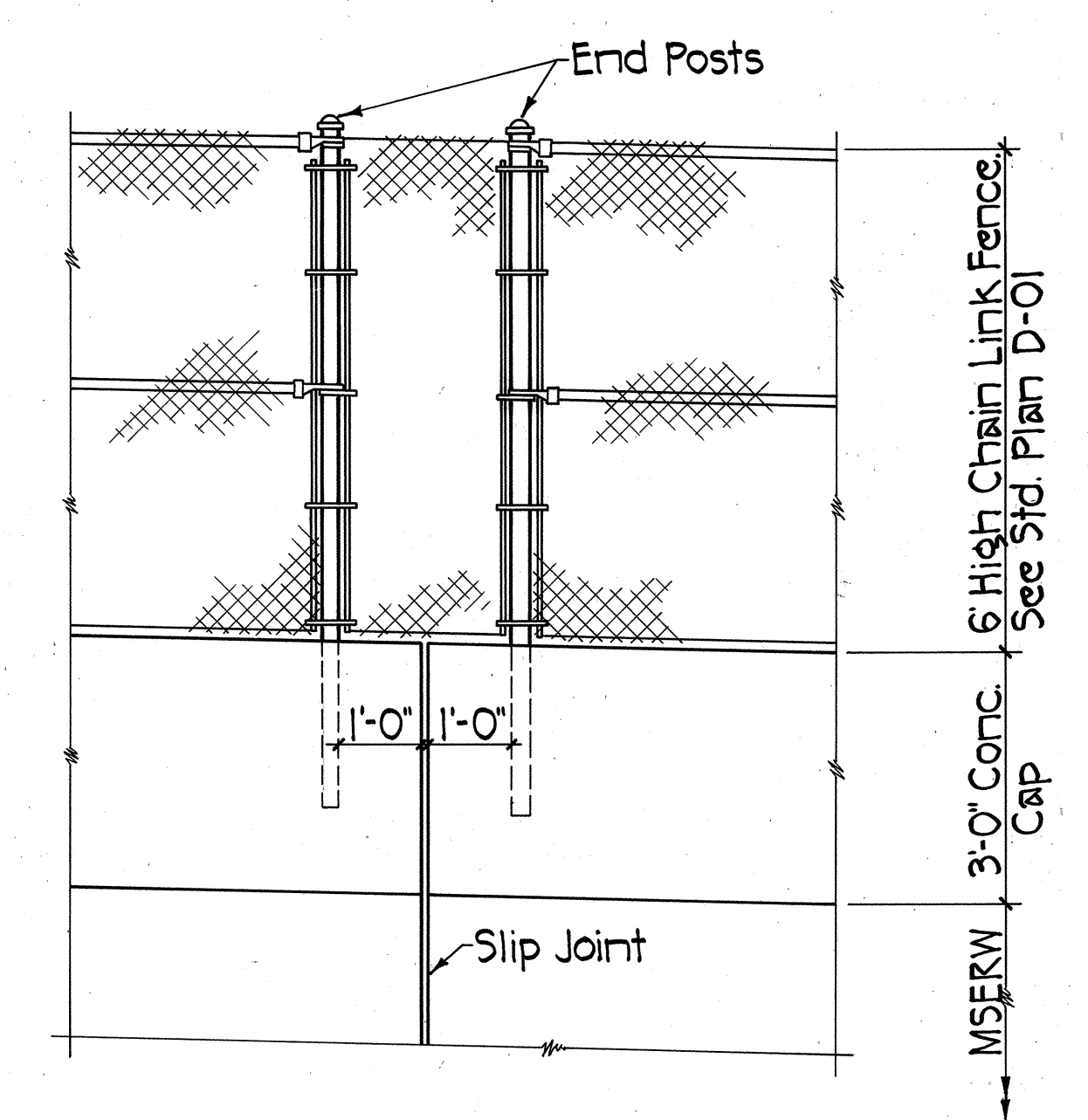
GUARD RAIL BASE PLATE

Scale: 1 1/2"=1'-0"



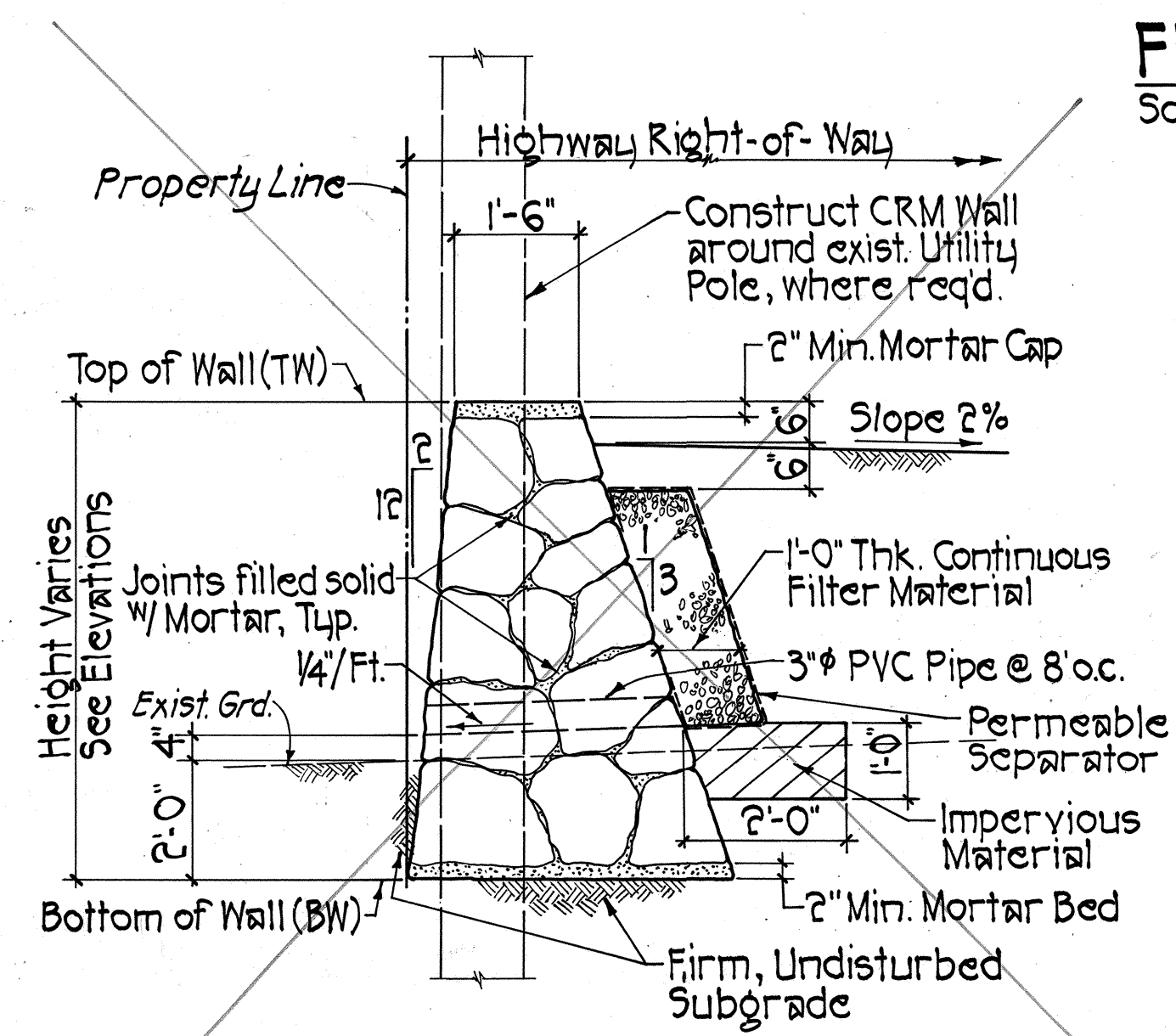
MSERW SLIP JOINT DETAIL

Not to Scale



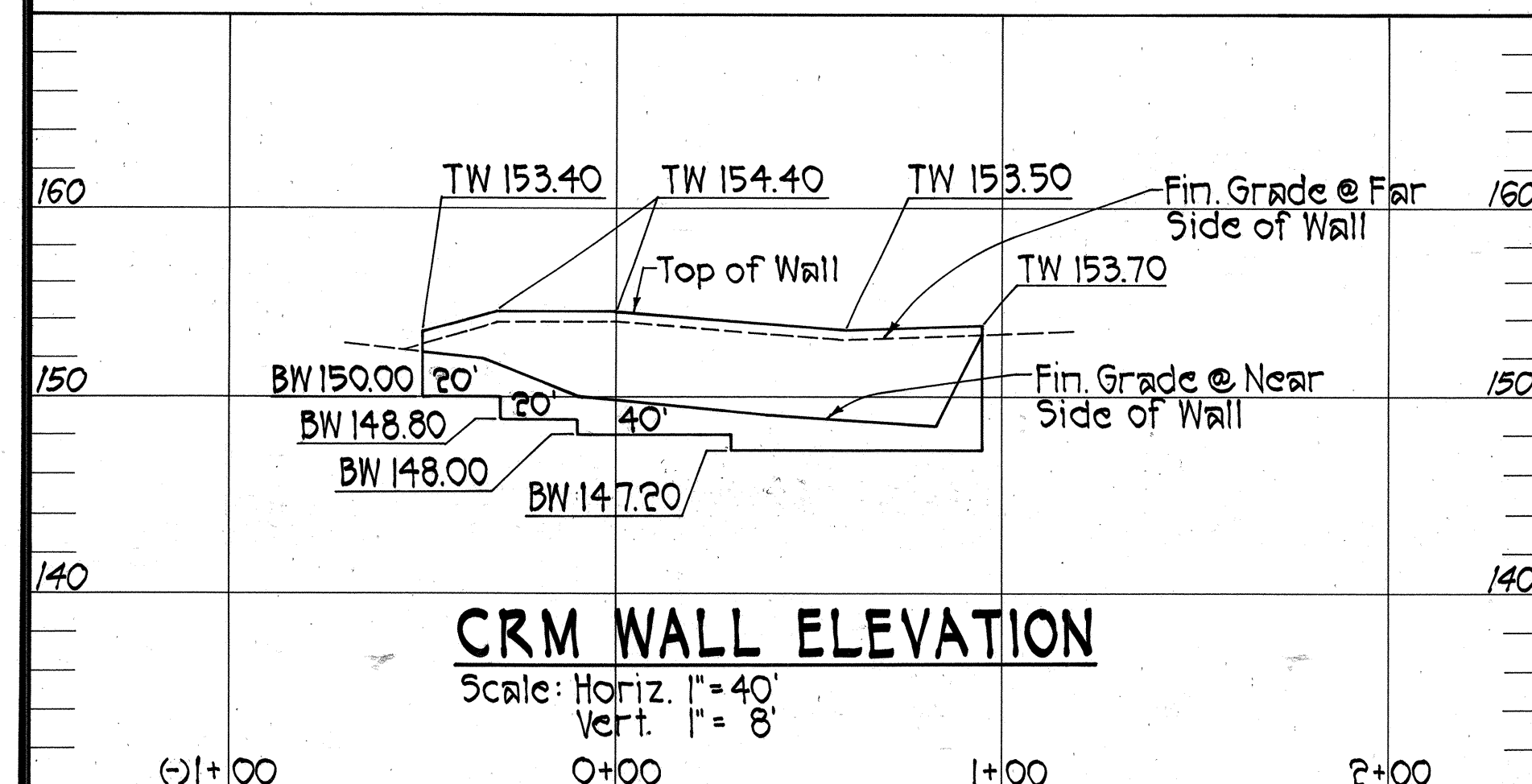
FENCE POSTS @ SLIP JOINT DETAIL

Scale: 1/2"=1'-0"



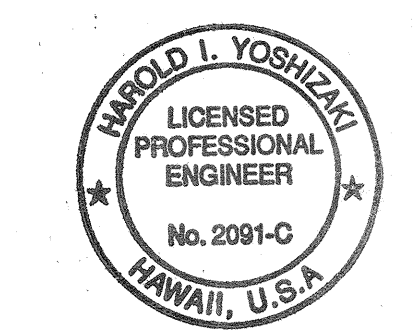
TYPICAL CRM WALL SECTION

Scale: 1/2"=1'-0"



CRM WALL ELEVATION

Scale: Horiz. 1"=40'
Vert. 1"=8'



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MSERW ELEVATION
& MISC. DETAILS

KAUMUALII HIGHWAY, KUHIO HIGHWAY &
RICE STREET INTERSECTION IMPROVEMENTS
PROJECT NO. 50E-01-98

SCALE: AS NOTED DATE:

SHEET NO. 20 OF 20 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

"AS-BUILT"