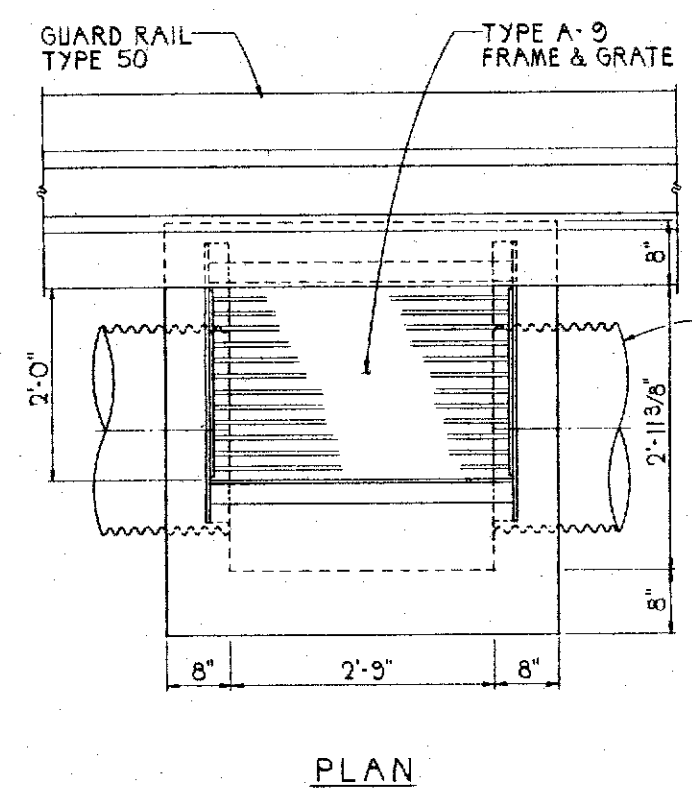


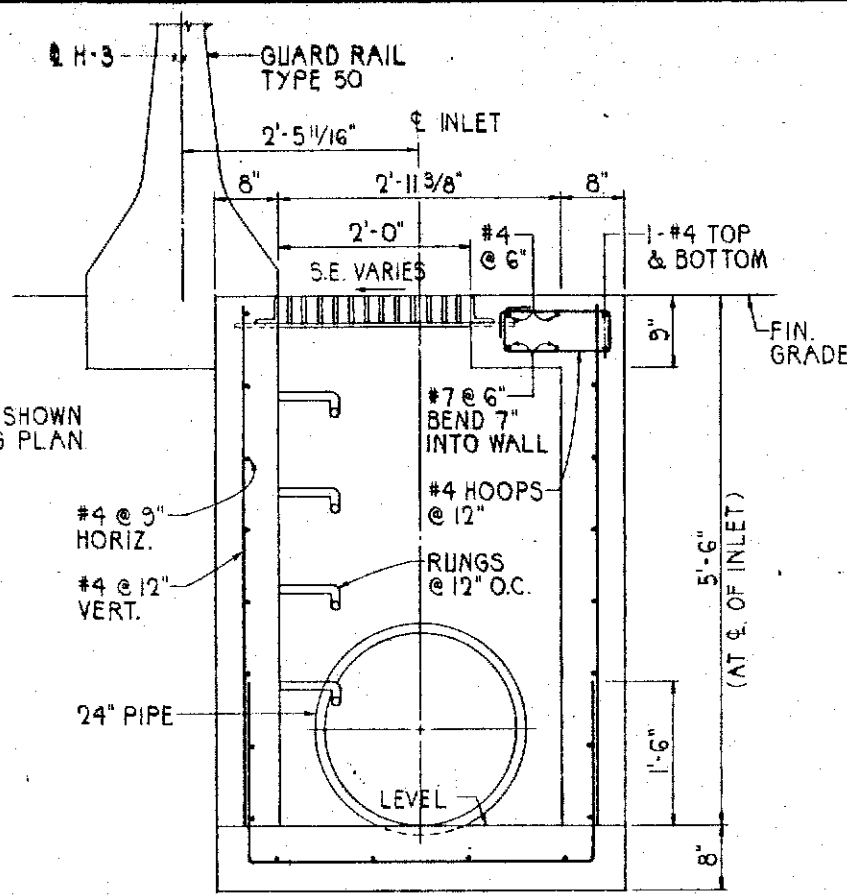
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-H3-1(54)	1989	25	157

NOTES:

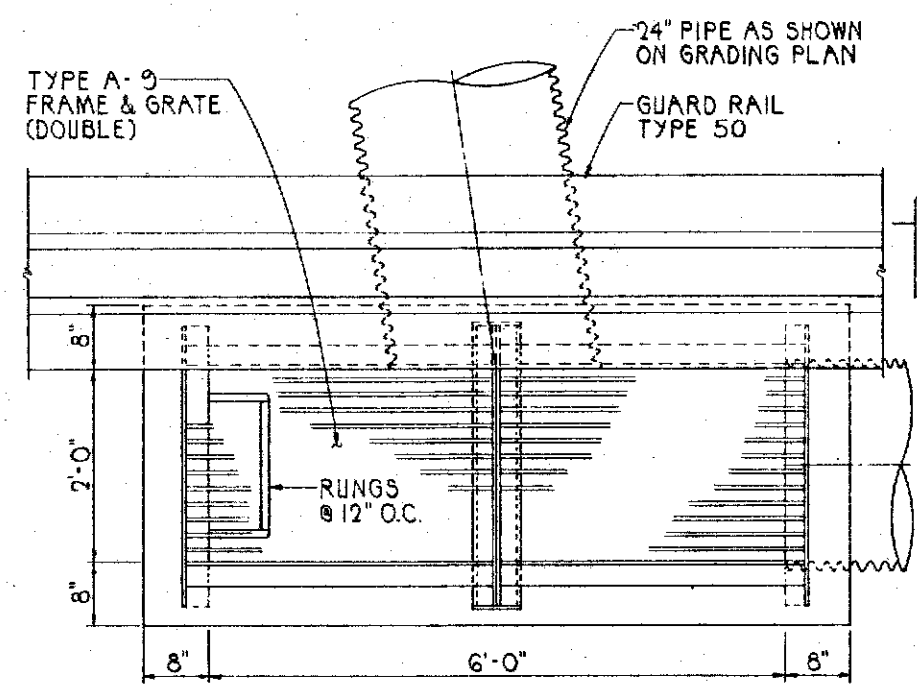
1. CONCRETE SHALL BE CLASS "A" CONCRETE.
2. DRAIN LINE PIPES CAN BE 24" RCP OR 24" SPIRAL RIB METAL PIPE UNLESS OTHERWISE NOTED.



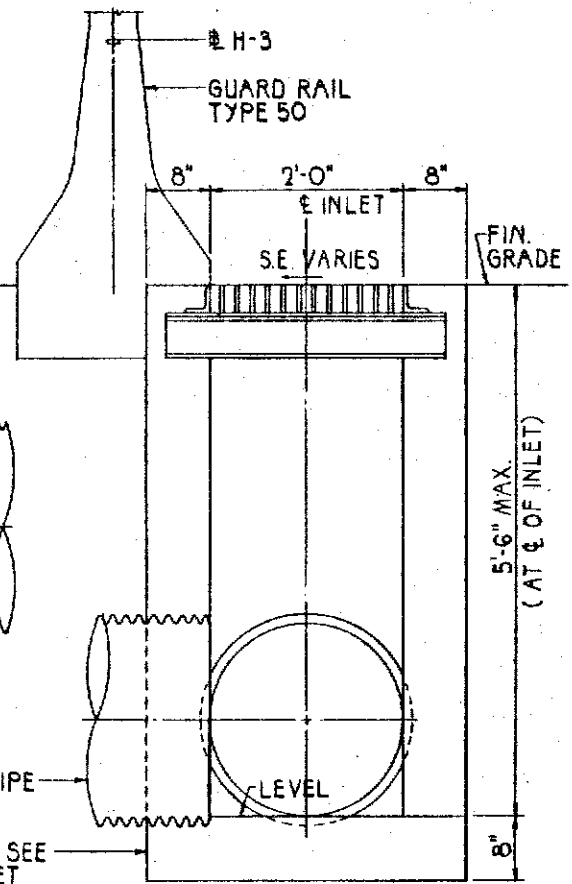
PLAN



SECTION



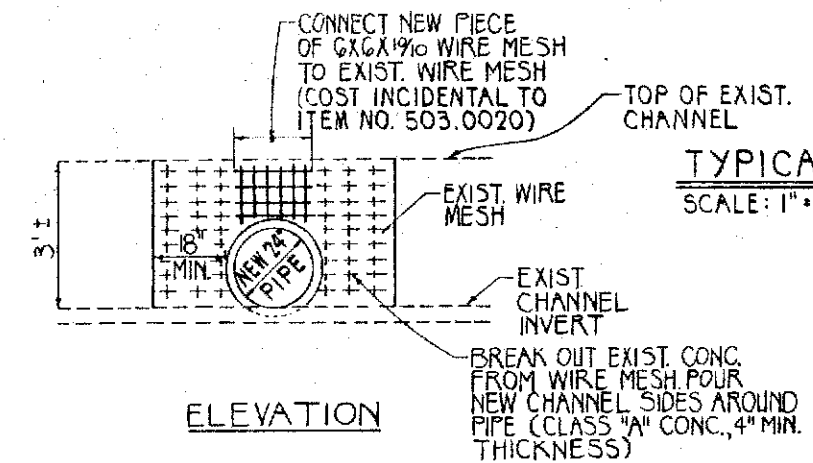
PLAN



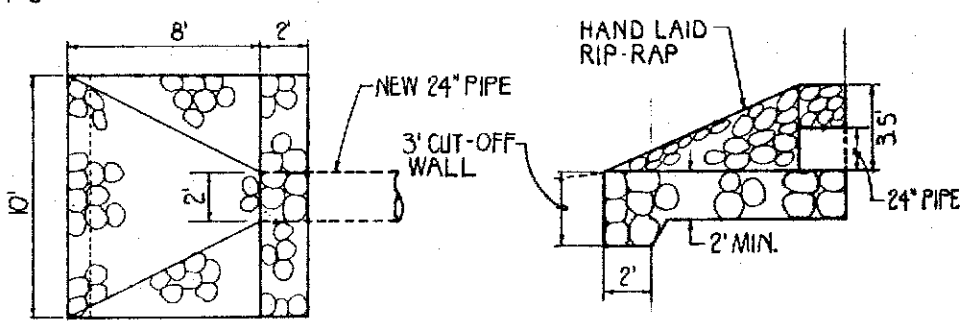
SECTION

TYPICAL TYPE I DRAIN INLET DETAILS SCALE: 1" = 1'-0"

TYPICAL TYPE II DRAIN INLET DETAILS SCALE: 1" = 1'-0"



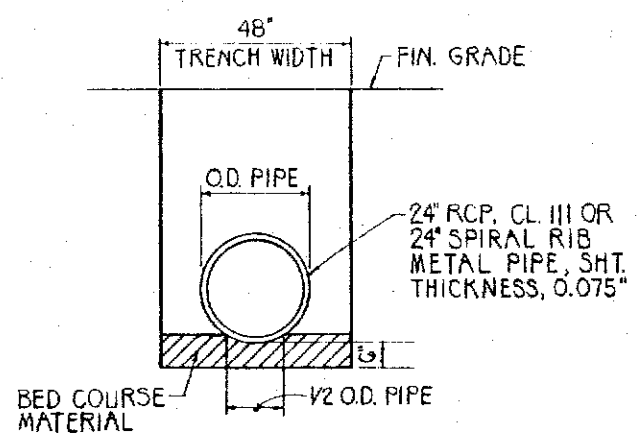
ELEVATION



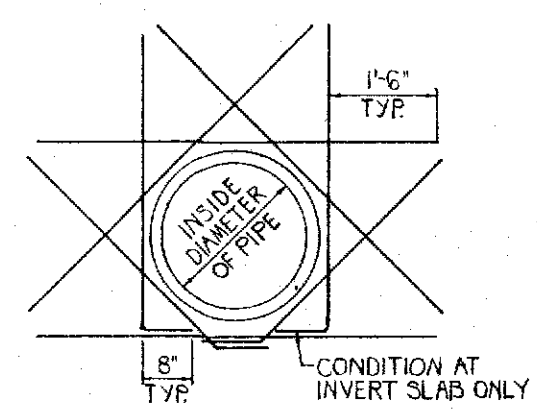
PLAN

SECTION

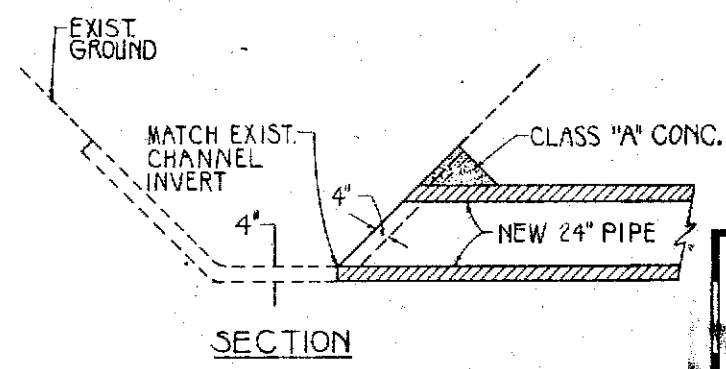
DETAIL ~ TYPE II OUTLET SCALE: 1/4" = 1'-0"



TYPICAL TRENCH SECTION
NOT TO SCALE

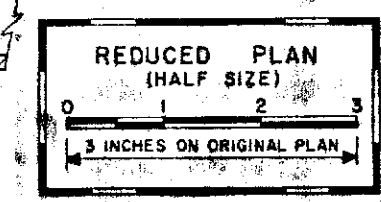


TYPICAL REINFORCEMENT AT PIPES
NOT TO SCALE



SECTION

DETAIL ~ TYPE I OUTLET
NOT TO SCALE



DATE	REVISION
2/3/89	CLARIFIED D.I. SECTION DETAILS, AND ADDED RIP-RAP CALLOUT ON TYPE II OUTLET DETAIL



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

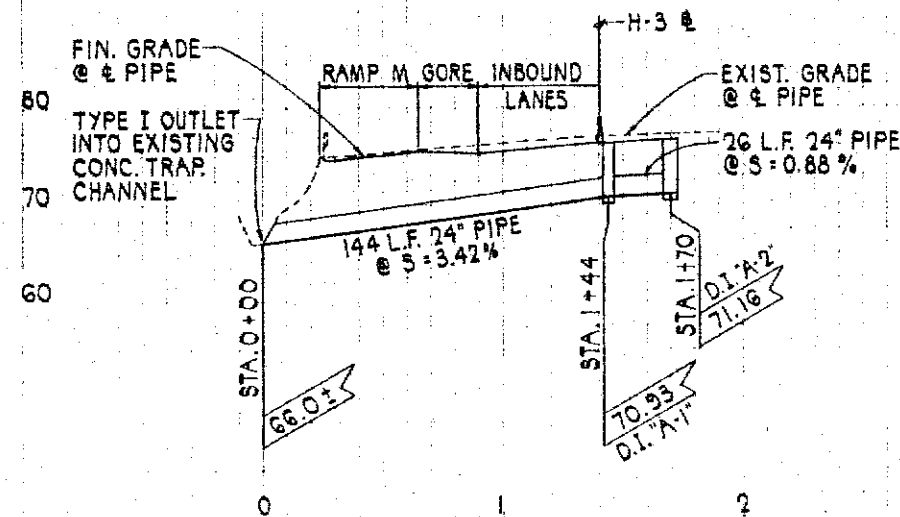
DRAINAGE DETAILS

INTERSTATE ROUTE H-3
F.A.I. PROJECT NO. 1-H3-1(54)

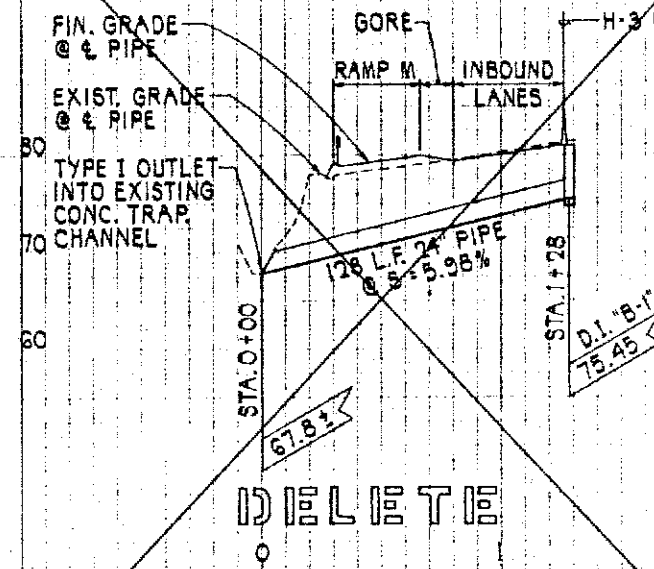
SCALE: AS NOTED DATE: SEPT. 1988
SHEET NO. 1 OF 1 SHEETS

DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NO.	

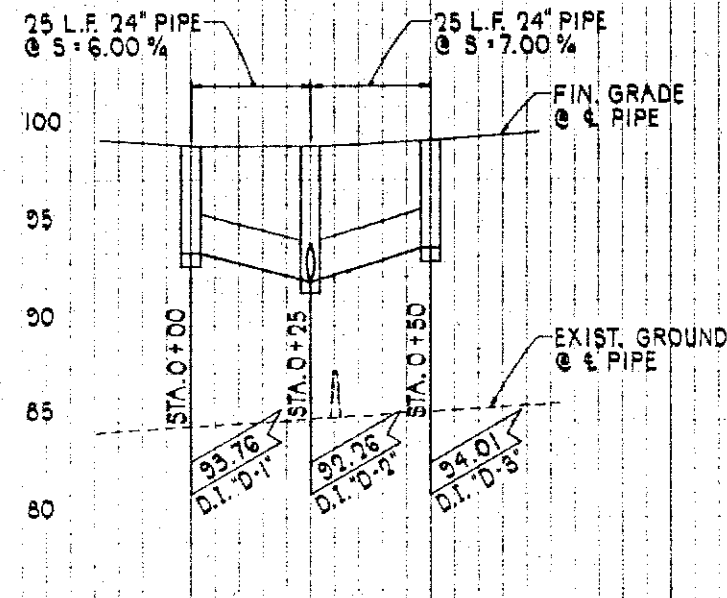
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(54)	1989	26	157



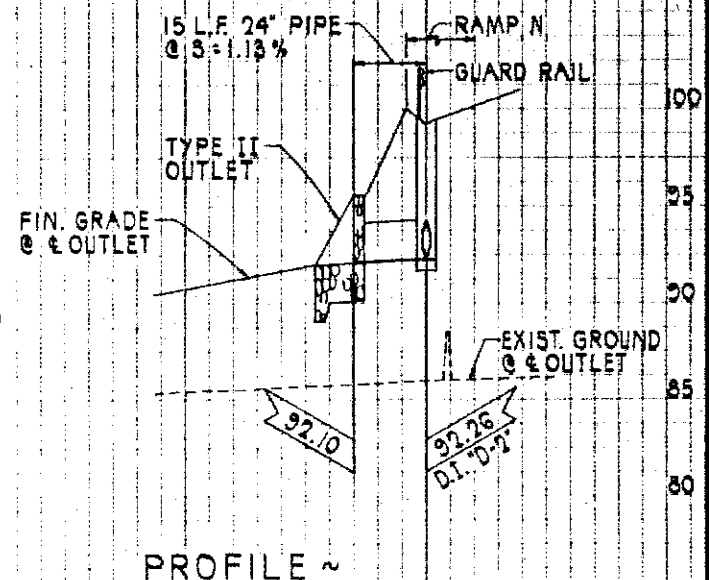
PROFILE ~ DRAIN LINE "A"
 SCALES: HORIZ. 1" = 40'
 VERT. 1" = 10'



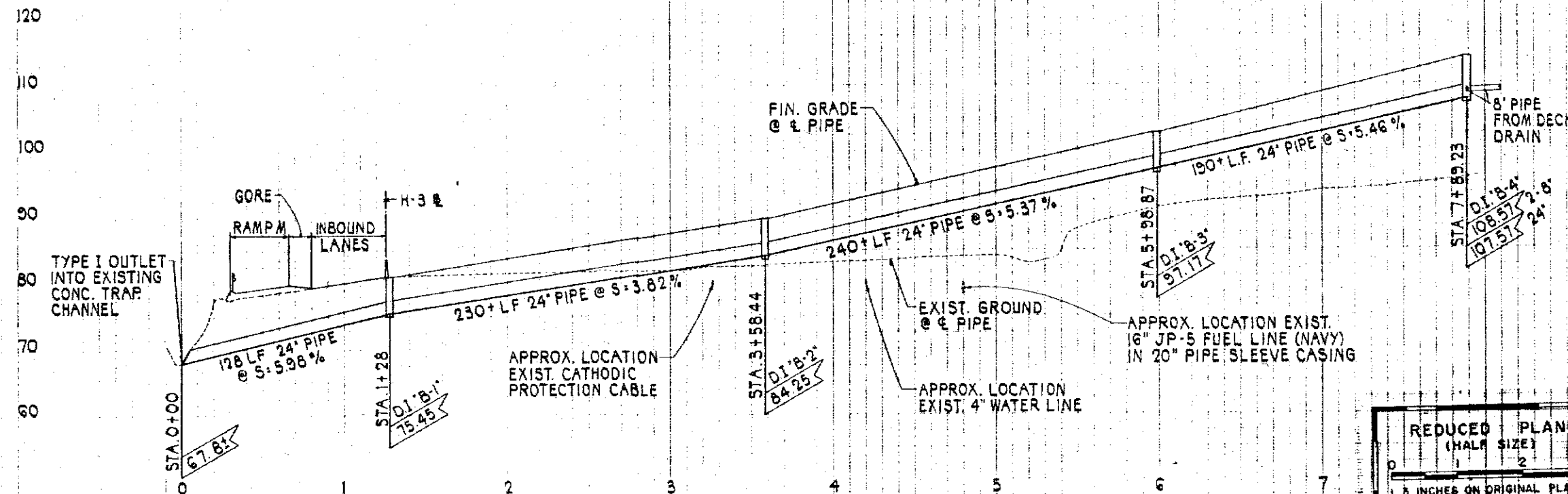
PROFILE ~ DRAIN LINE "B"
 SCALES: HORIZ. 1" = 40'
 VERT. 1" = 10'



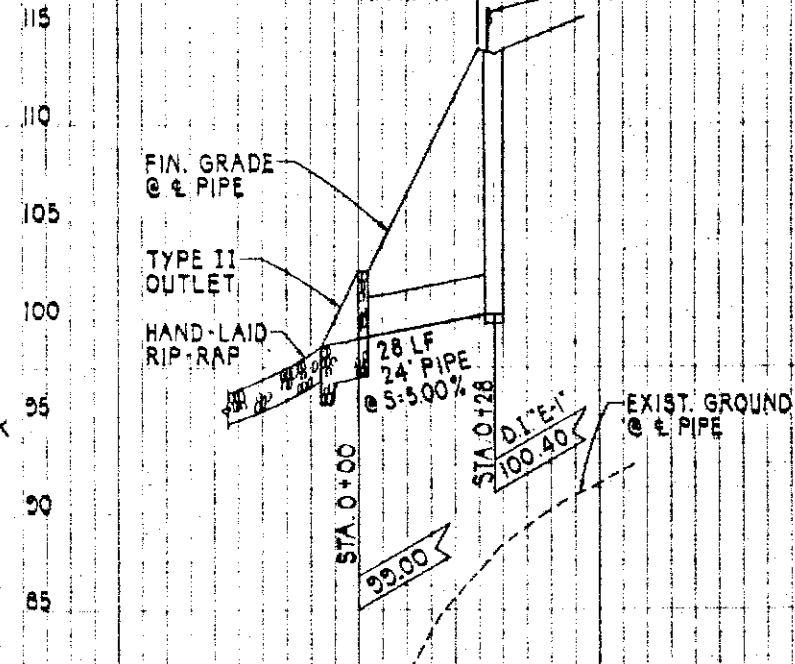
PROFILE ~ DRAIN LINE "D"
 SCALES: HORIZ. 1" = 20'
 VERT. 1" = 5'



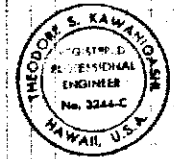
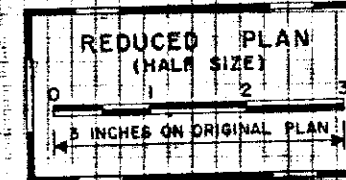
PROFILE ~ DRAIN LINE "D" OUTLET
 SCALES: HORIZ. 1" = 20'
 VERT. 1" = 5'



PROFILE ~ DRAIN LINE "B"
 SCALES: HORIZ. 1" = 40'
 VERT. 1" = 10'



PROFILE ~ DRAIN LINE "E"
 SCALES: HORIZ. 1" = 20'
 VERT. 1" = 5'



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRAIN LINE PROFILES

INTERSTATE ROUTE H-3
 F.A.I. PROJECT NO. I-H3-1(54)

SCALE: AS NOTED DATE: SEPT. 1988
 SHEET NO. 1 OF 1 SHEETS

2/9/89	REVISED D/L "A" AND D/L "E" PROFILES
DATE	REVISION

SURVEY PLATTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	