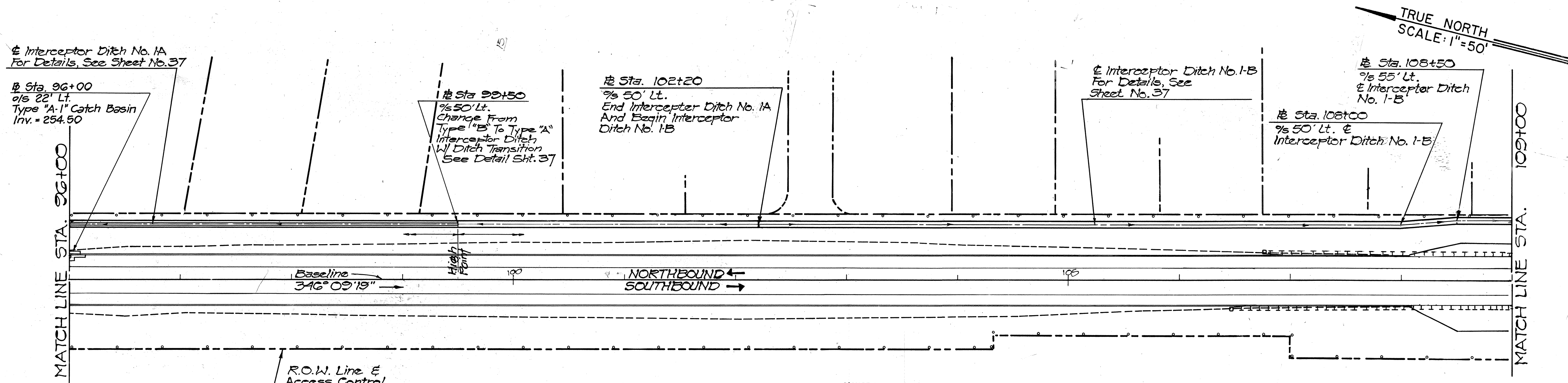
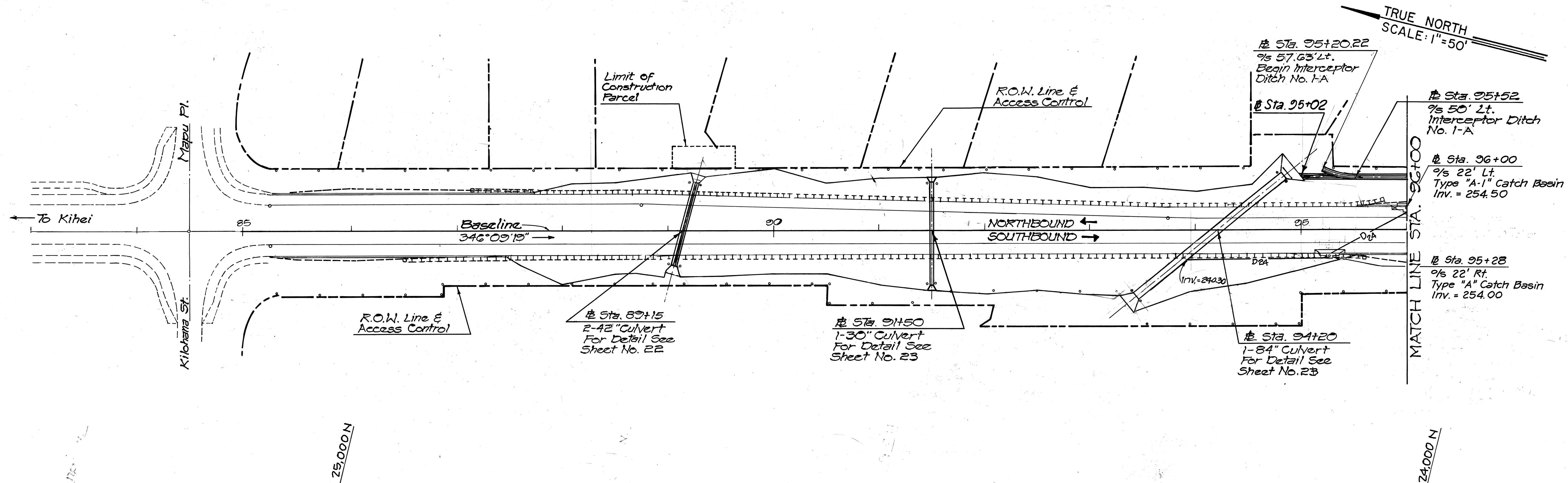


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-031-1(3)	1987	10	69



- LEGEND**
- TOE OF FILL SLOPE
 - - - TOP OF CUT SLOPE
 - == INTERCEPTOR DITCH TYPE (A) w/ DIRECTION OF FLOW
 - == INTERCEPTOR DITCH TYPE (B) w/ DIRECTION OF FLOW
 - - - RIGHT OF WAY AND PROPERTY LINE
 - - - CONSTRUCTION PARCEL LIMITS

9/14/88	Revised 24" Drain at Sta. 94+00 Right.
DATE	REVISION

TRANS — MERIDIAN
ENGINEERS & SURVEYORS
864 S. BERETANIA STREET
HONOLULU, HAWAII 96813

MELVIN E. LEHINE
REGISTERED PROFESSIONAL ENGINEER
No. 455-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLANS

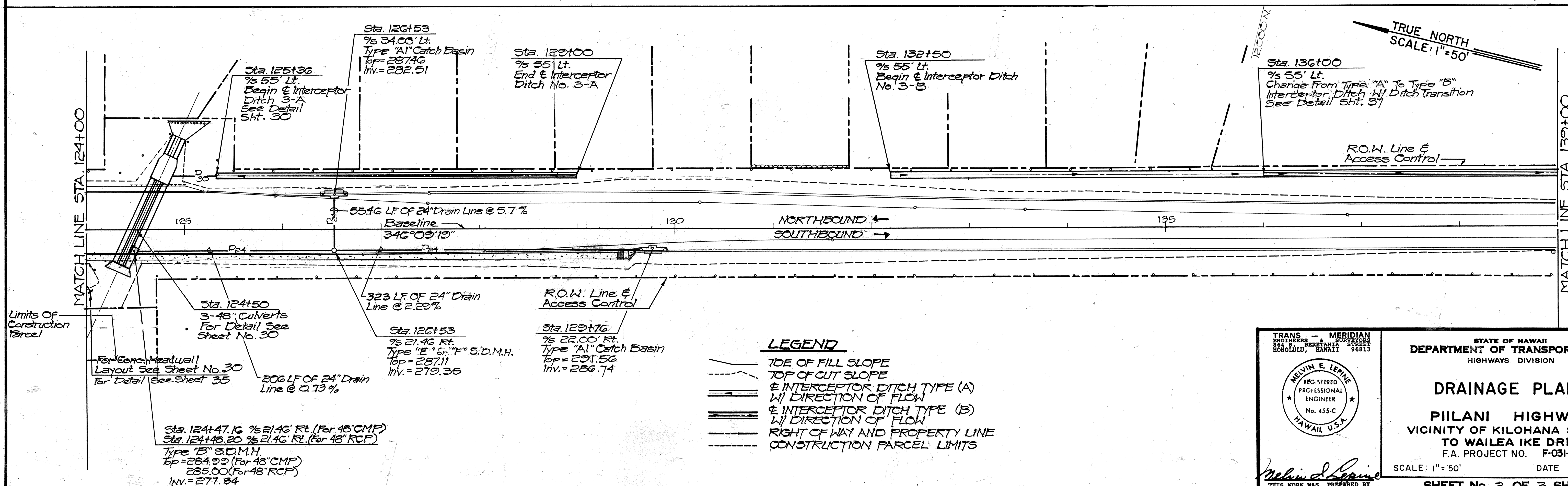
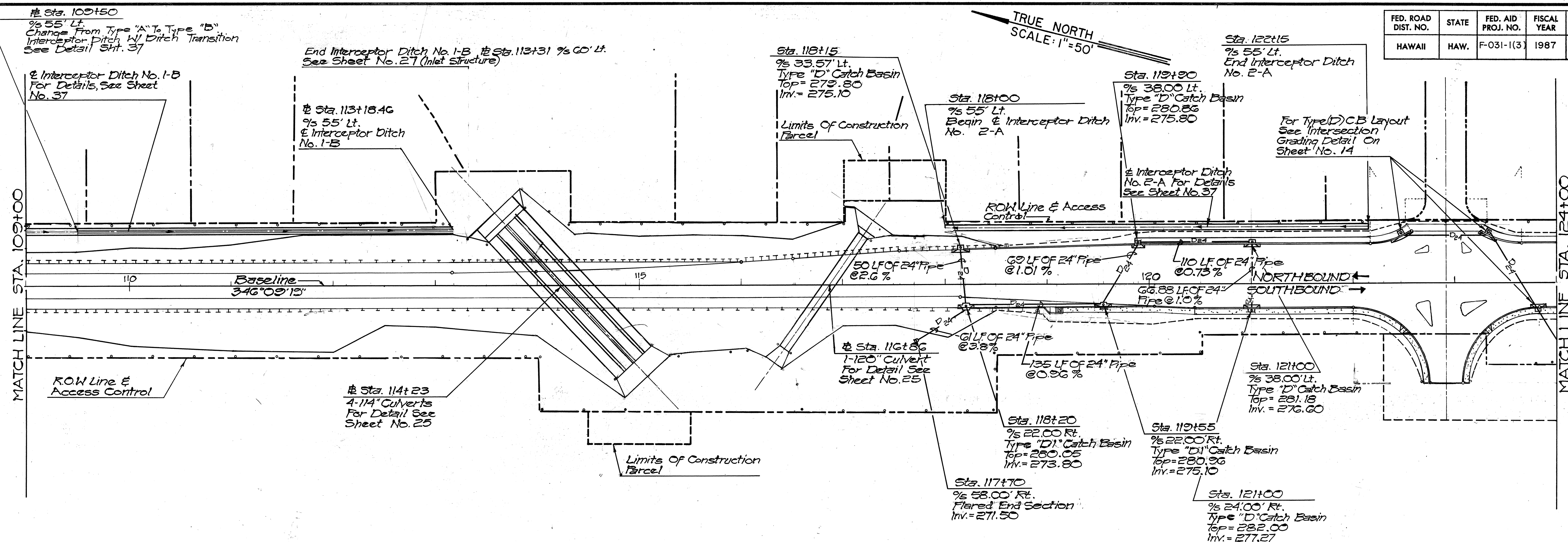
PIILANI HIGHWAY
VICINITY OF KILOHANA STREET
TO WALEA IKE DRIVE
F.A. PROJECT NO. F-031-1(3)

SCALE: 1" = 50' DATE

SHEET No. 1 OF 3 SHEETS

ORIGINAL PLAN	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

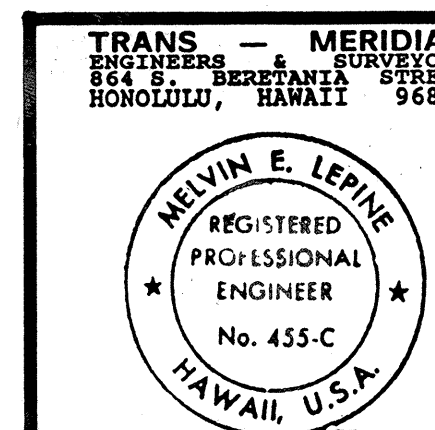
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-031-1(3)	1987	20	69



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

LEGEND

-  TOE OF FILL SLOPE
 TOP OF CUT SLOPE
 & INTERCEPTOR DITCH TYPE (A)
 W/ DIRECTION OF FLOW
 & INTERCEPTOR DITCH TYPE (B)
 W/ DIRECTION OF FLOW
 RIGHT OF WAY AND PROPERTY LINE
 CONSTRUCTION PARCEL LIMITS



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLANS

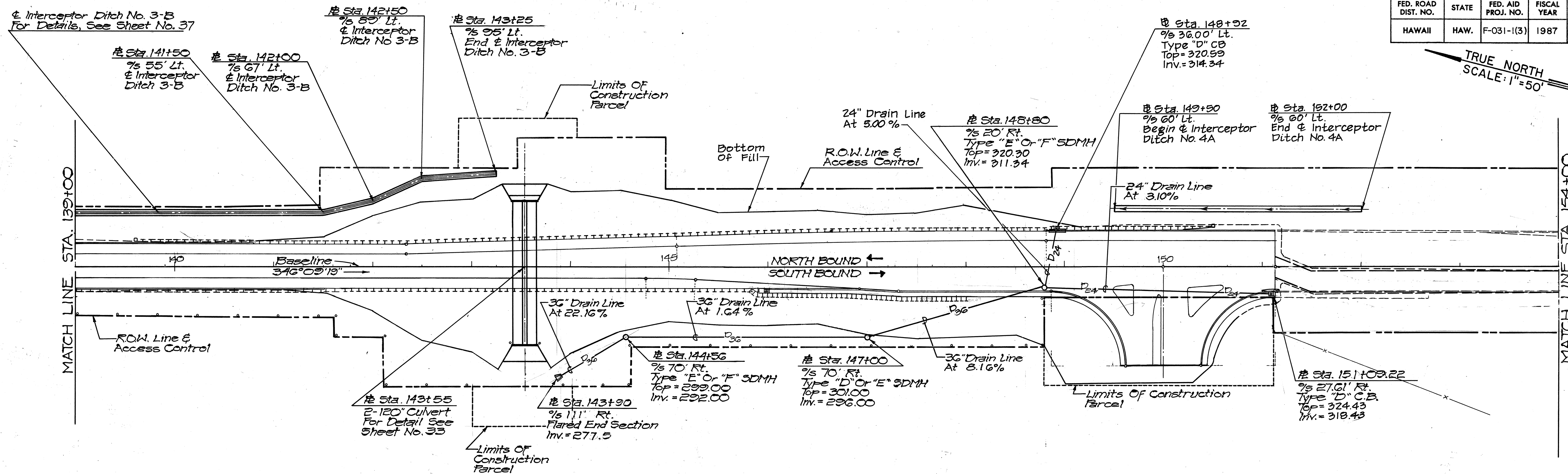
PIILANI HIGHWAY
VICINITY OF KILOHANA STREET
TO WAILEA IKE DRIVE
F.A. PROJECT NO. F-031-I(3)

SCALE: 1" = 50' DATE DEC. 1987

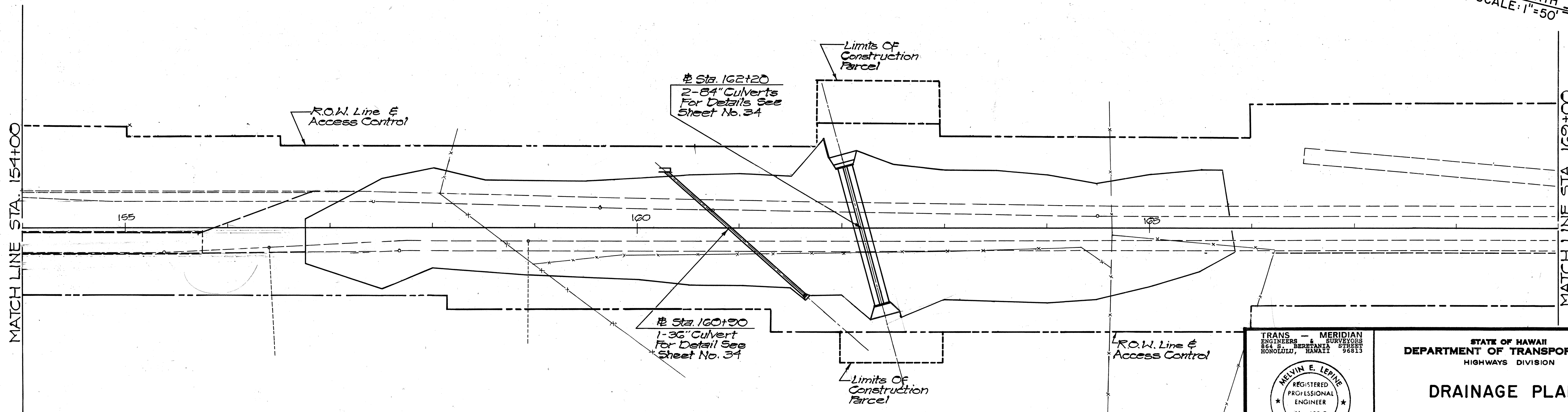
SHEET No. 2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-031-1(3)	1987	21	69

TRUE NORTH
SCALE: 1"=50'



TRUE NORTH
SCALE: 1"=50'



TRANS - MERIDIAN
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ME OR UNDER MY SUPERVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE PLANS

PILI HIGHWAY
VICINITY OF KILOHANA STREET
TO WAILEA IKE DRIVE
F.A. PROJECT NO. F-031-1(3)

SCALE: 1"=50' DATE

SHEET No. 3 OF 3 SHEETS

ORIGINAL PLAN	DATE
NOTED BY	
CHECKED BY	
NO.	