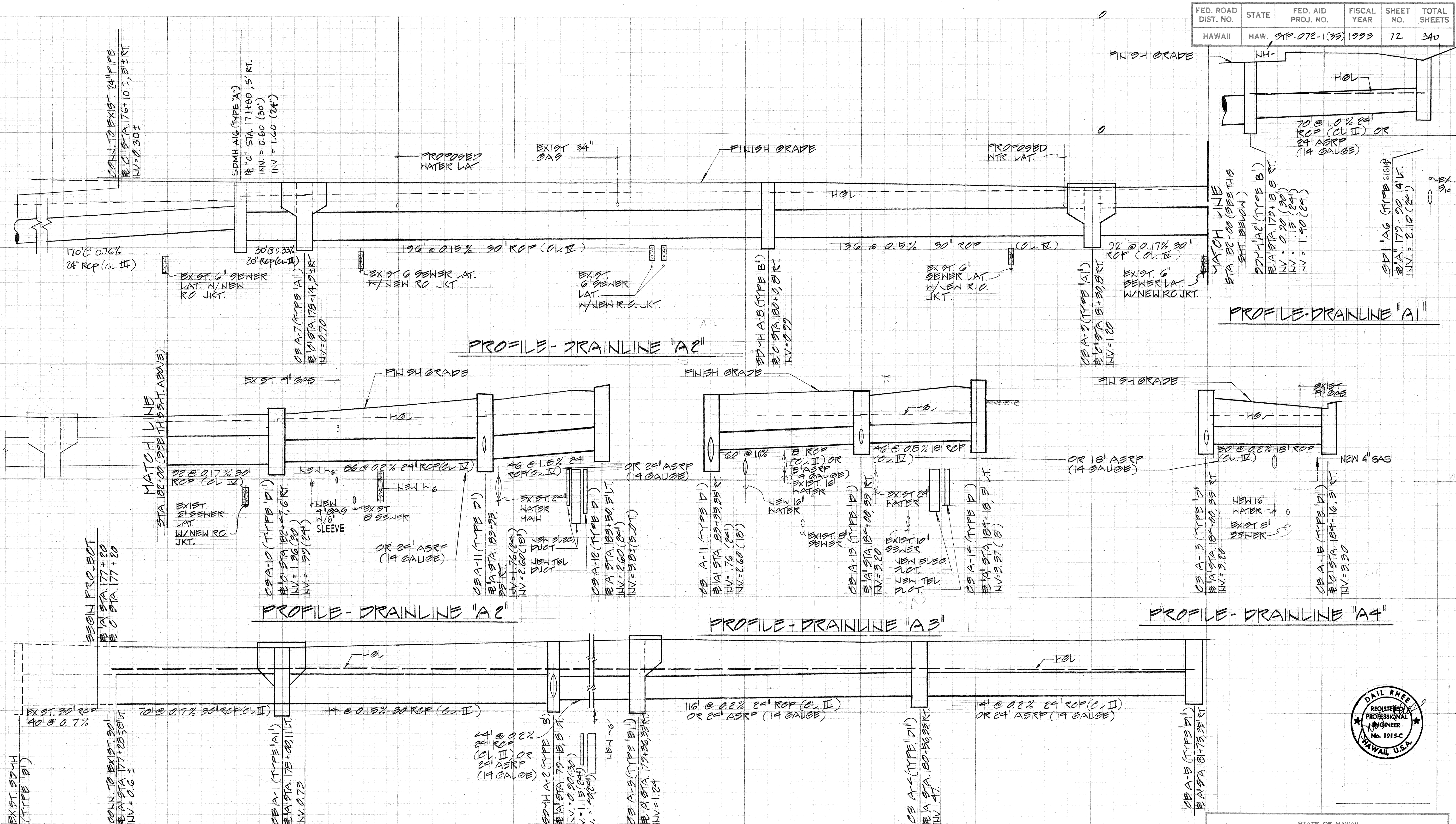


DATE	
SURVEY PLOTTED BY	
ORIGINAL PLAN	
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(35)	1993	72	340



6/30/93	C.O. #1
DATE	REVISION

APPROVED: *J. Lippman* DATE: 7/2/93
 CHIEF, DIV. OF WASTEWATER MGMT.
 (FOR EFFECT ON SEWERS ONLY)

SCALES: HORIZ. 1" = 20'
 VERT. 1" = 4'

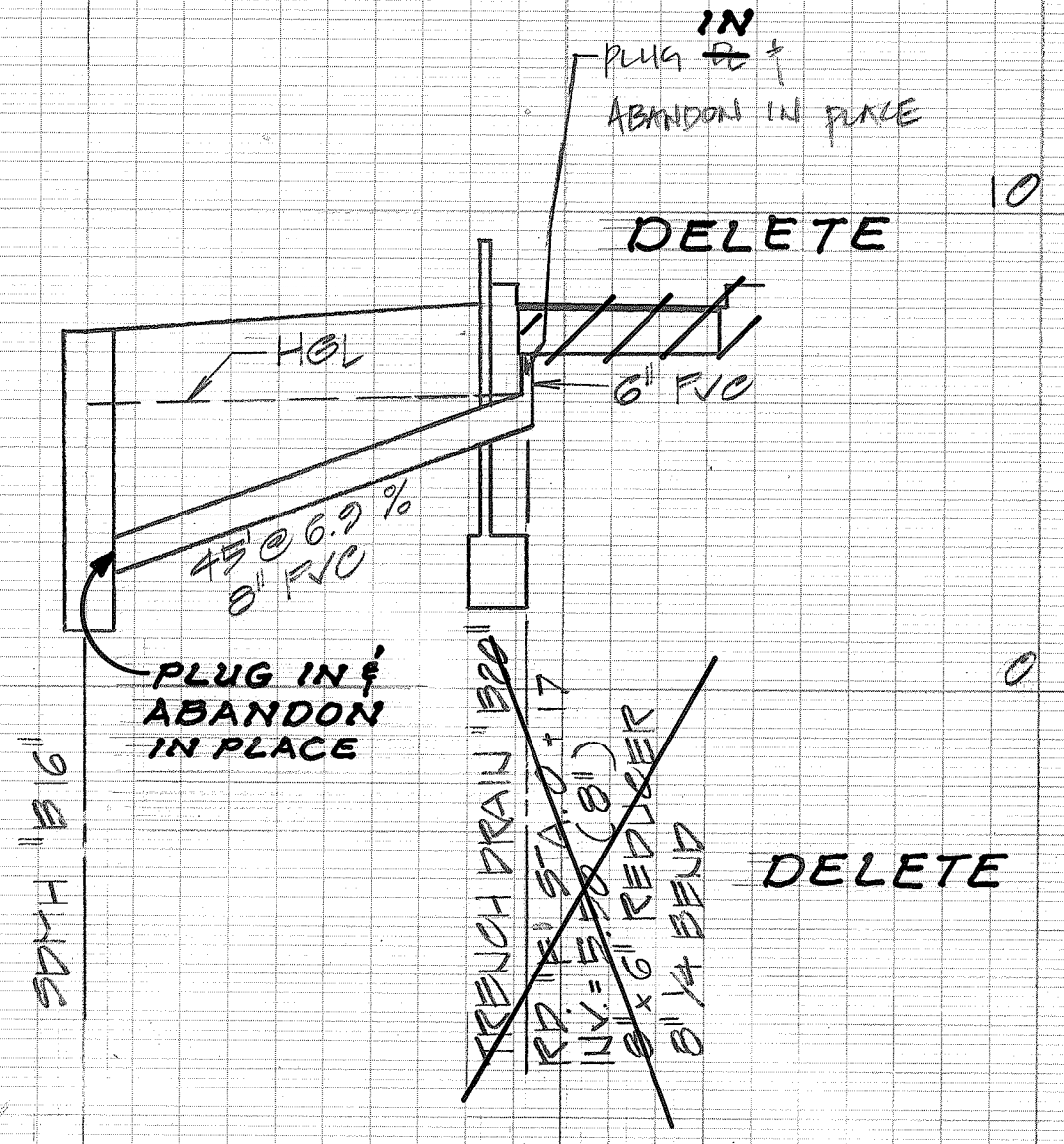
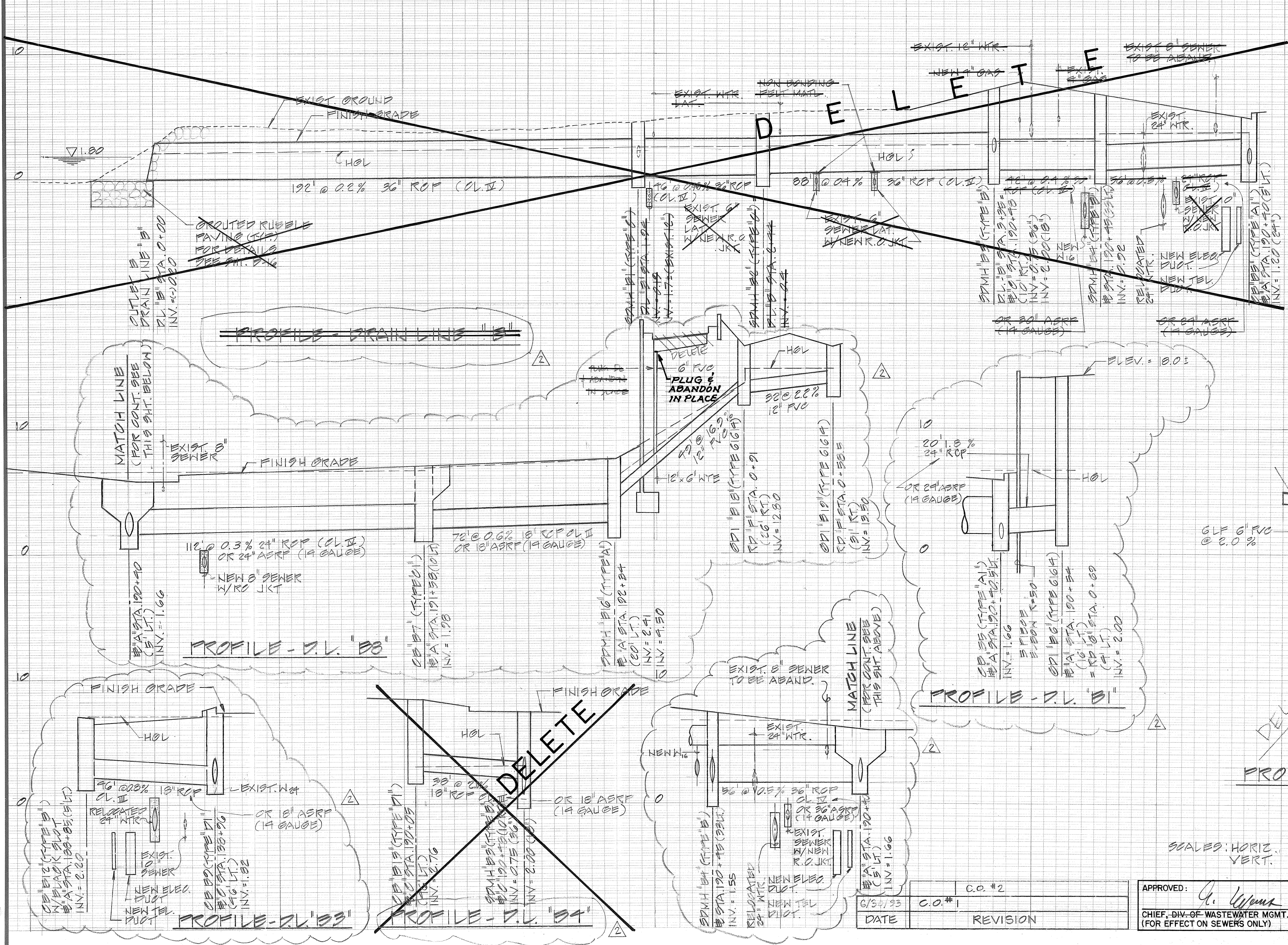
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PROFILES
 DRAIN LINES A, A1, A2, A3 & A4

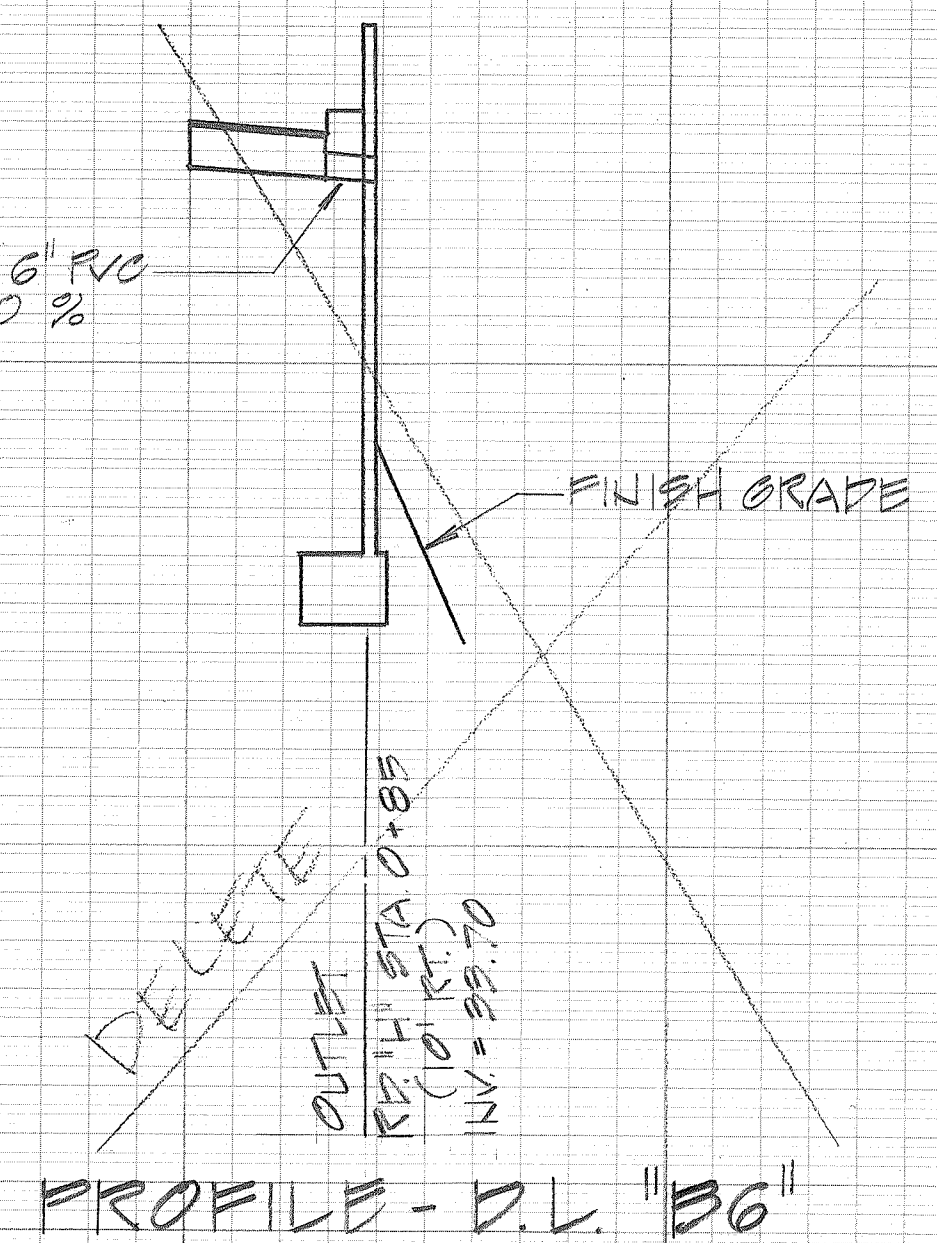
KALANIANA'OLE HIGHWAY
 E. HALEMAUMAU ST. TO KEAHOLE ST.
 F.A. PROJECT NO. STP-072-1(35)

Scale: 10/1/92
 SHEET NO. 72 OF 46 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-103	1993	73	340



PROFILE - D.L. "B5"



PROFILE - D.L. "B6"

PROFILE - D.L. "B1"

PROFILE - D.L. "B3"

PROFILE - D.L. "B2"

PROFILE - D.L. "B4"

SCALE: HORIZ. 1" = 20'
VERT. 1" = 4'

APPROVED:	DATE:
<i>[Signature]</i>	7/2/93
CHIEF, DIV. OF WASTEWATER MGMT. (FOR EFFECT ON SEWERS ONLY)	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILES
DRAIN LINES B, B1, B3, B4, B5 & B6

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
F.A. PROJECT NO. STP-072-1(35)

Scale: NH- Date: 10/1/92

SHEET No. 7-1 OF 46 SHEETS



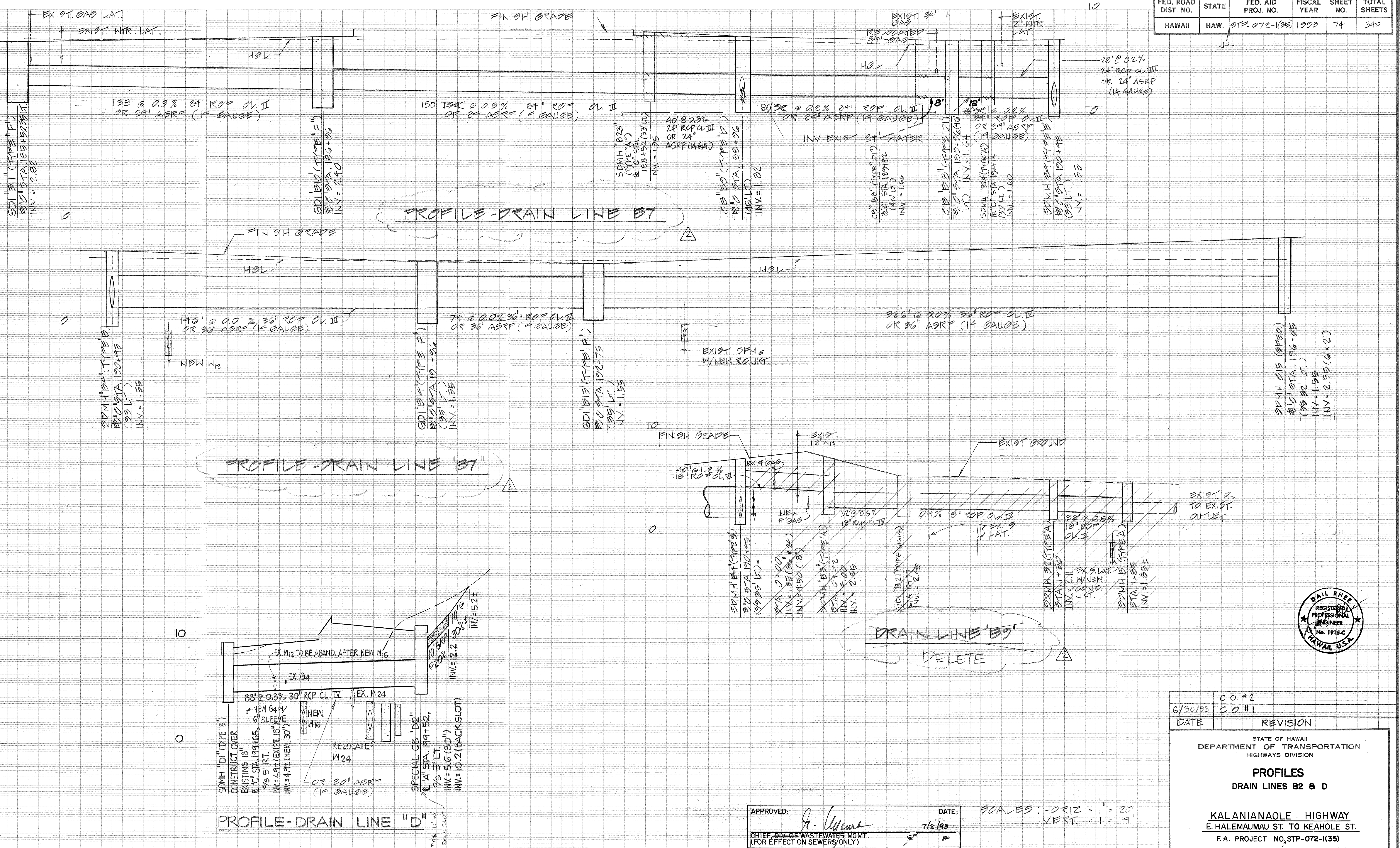
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

"AS-BUILT"

C.O. 73

(8-0)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DESIGNED BY	
NOTE BOOK	QUANTITIES BY	
NO.	CHECKED BY	

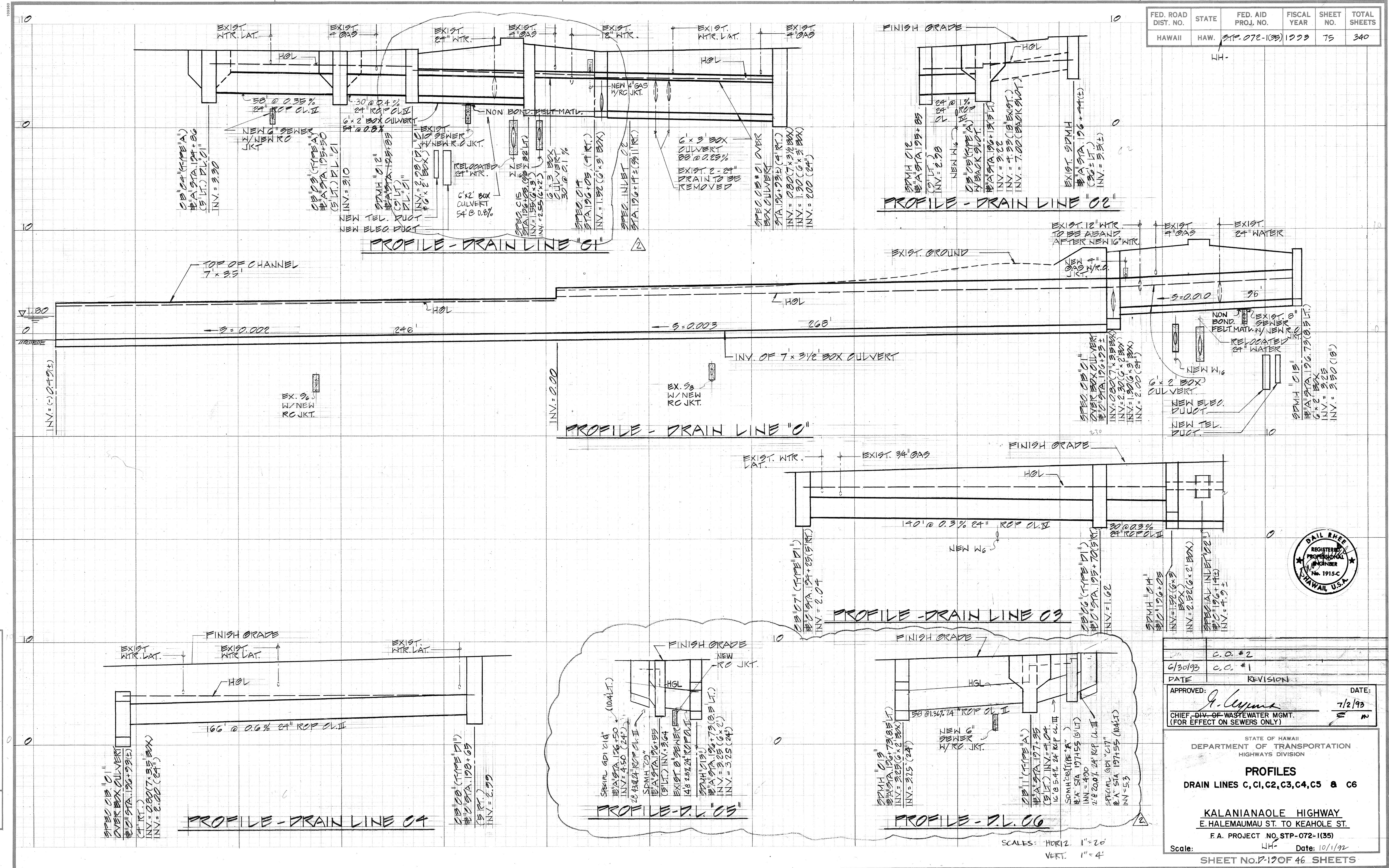


"AS-BUILT"

C.O. 74

ORIGINAL PLAN
DESIGNED BY
NOTED BOOK
QUANTITIES BY
CHECKED BY
NO.

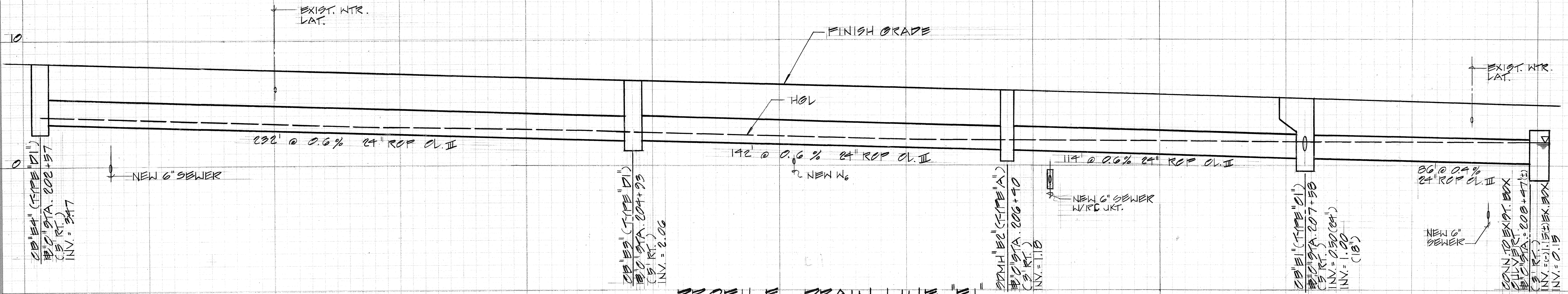
SURVEY PLOTTED BY
DATE
DESIGNED BY
NOTED BOOK
QUANTITIES BY
CHECKED BY
NO.



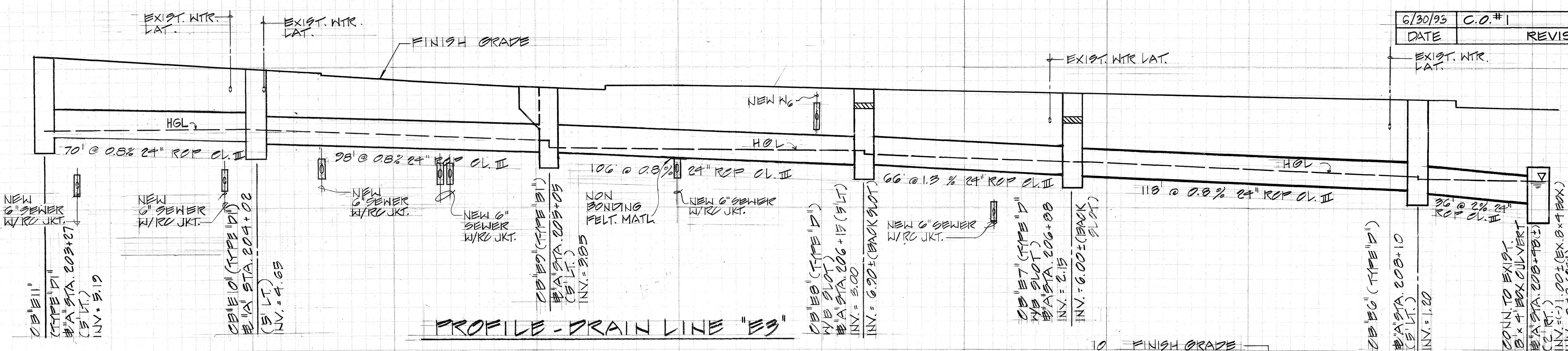
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(35)	1993	75	340

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(35)	1993	76	340

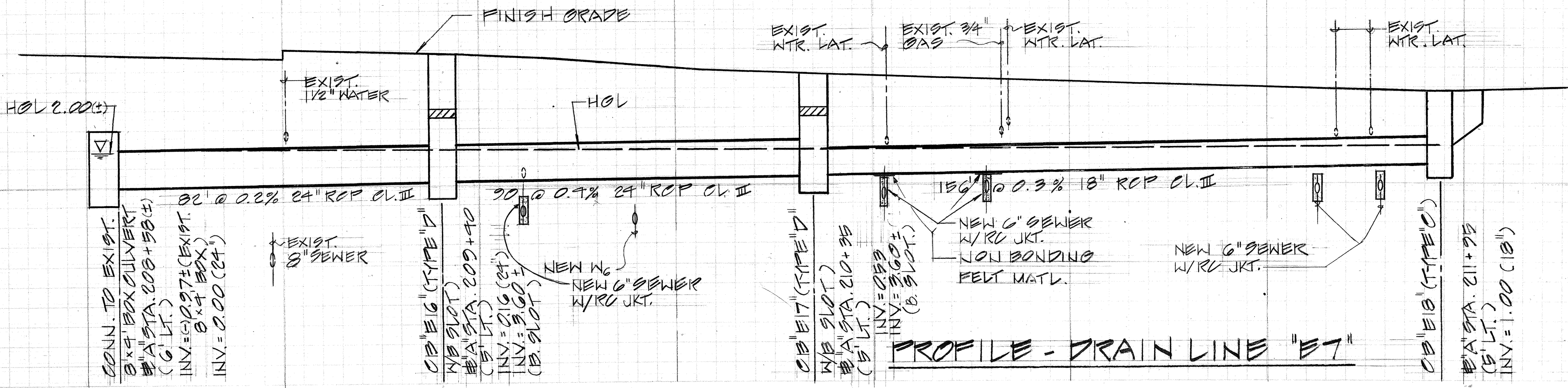
HH-



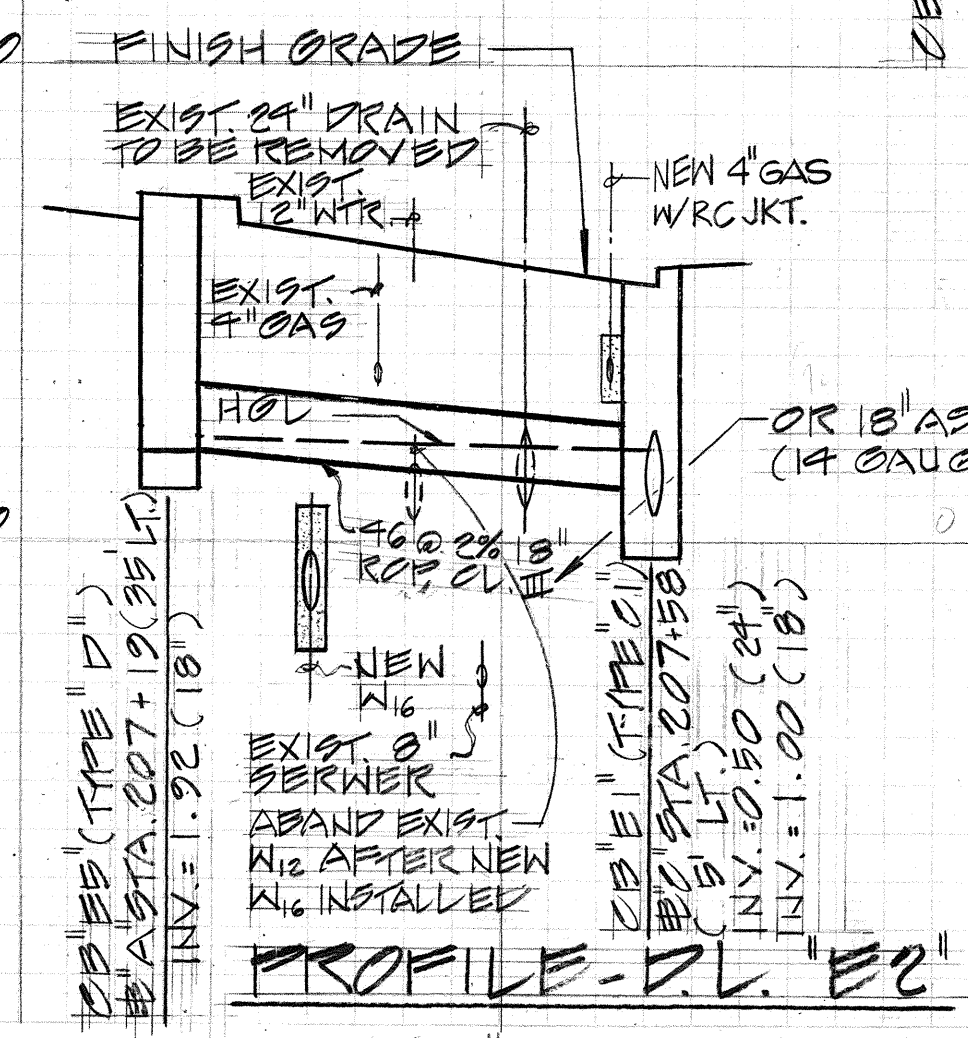
PROFILE - DRAIN LINE "E1"



PROFILE - DRAIN LINE "E3"



PROFILE - DRAIN LINE "E7"



PROFILE - DRAIN LINE "E2"

DATE	REVISION
6/30/93	C.O. #1



APPROVED: *[Signature]* DATE: 7/2/93
CHIEF, DIV. OF WASTE WATER MGMT.
(FOR EFFECT ON SEWERS ONLY)

SCALE: HORIZ. 1" = 40'
VERT. 1" = 4'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

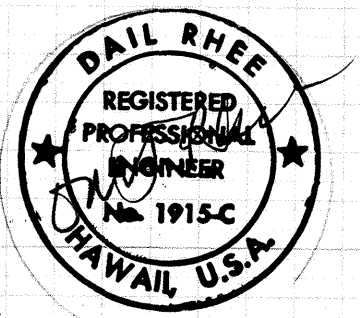
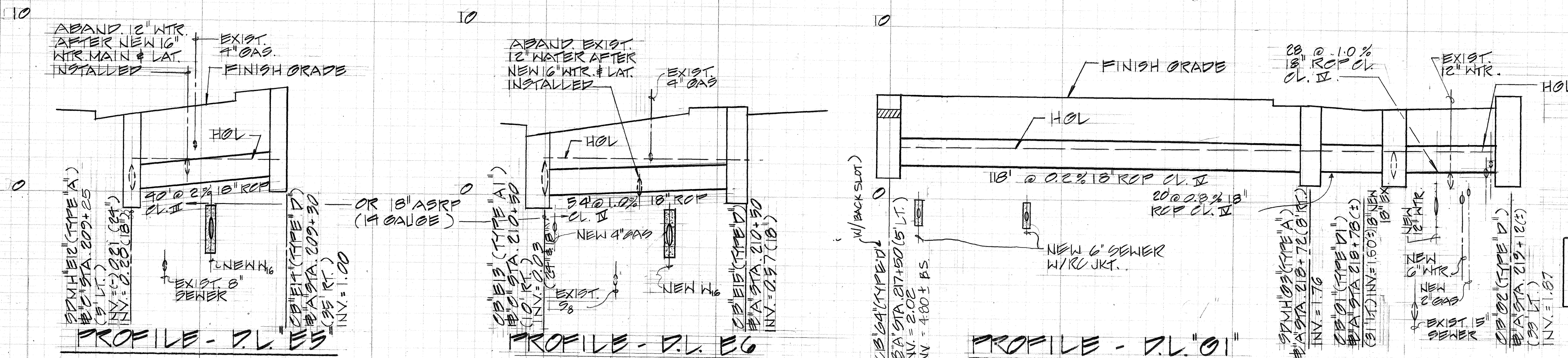
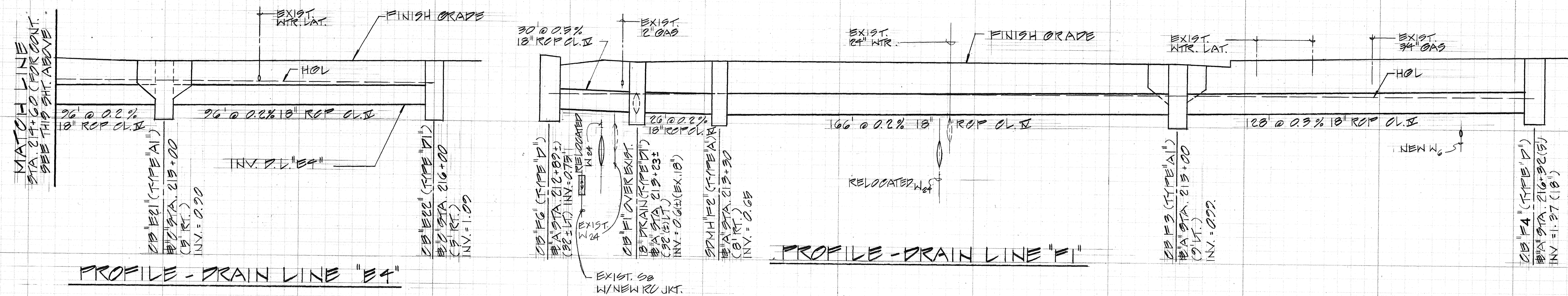
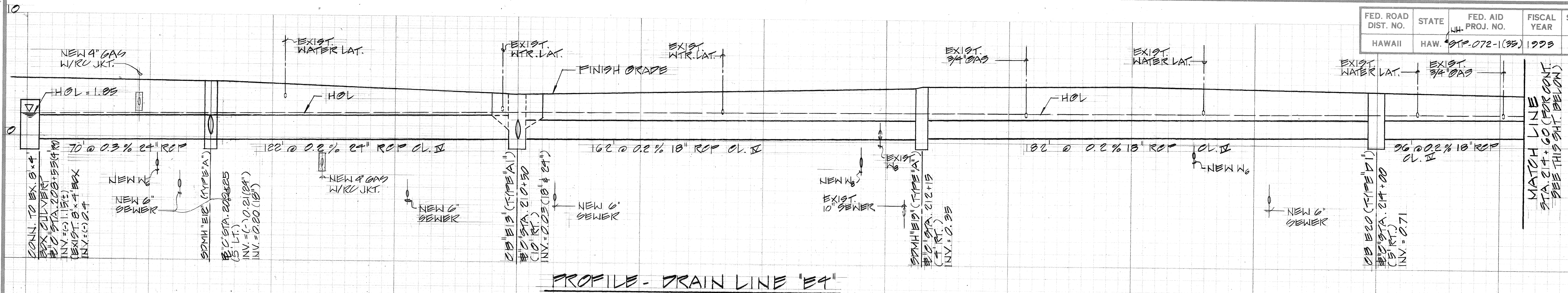
PROFILES
DRAIN LINES E1, E2, E3 & E7

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
F.A. PROJECT NO. STP-072-1(35)

Scale: HH- Date: 10/1/92

SHEET NO. 22 OF 46 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	44- 91P-072-1(35)	1993	77	340



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILES

DRAIN LINES E4, E5, E6, F1 & G1

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
F.A. PROJECT NO. STP-072-1(35)

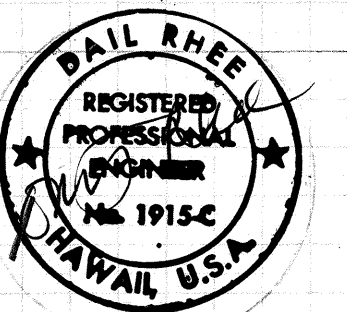
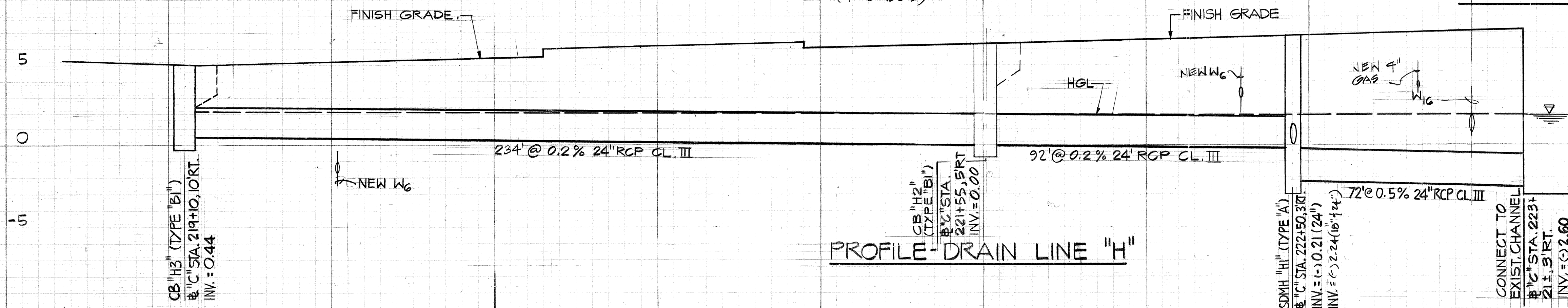
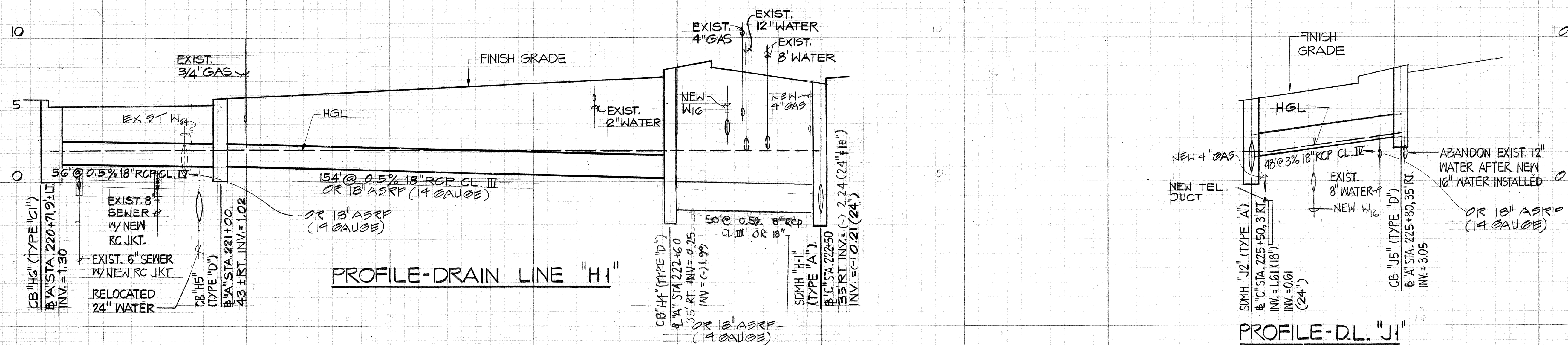
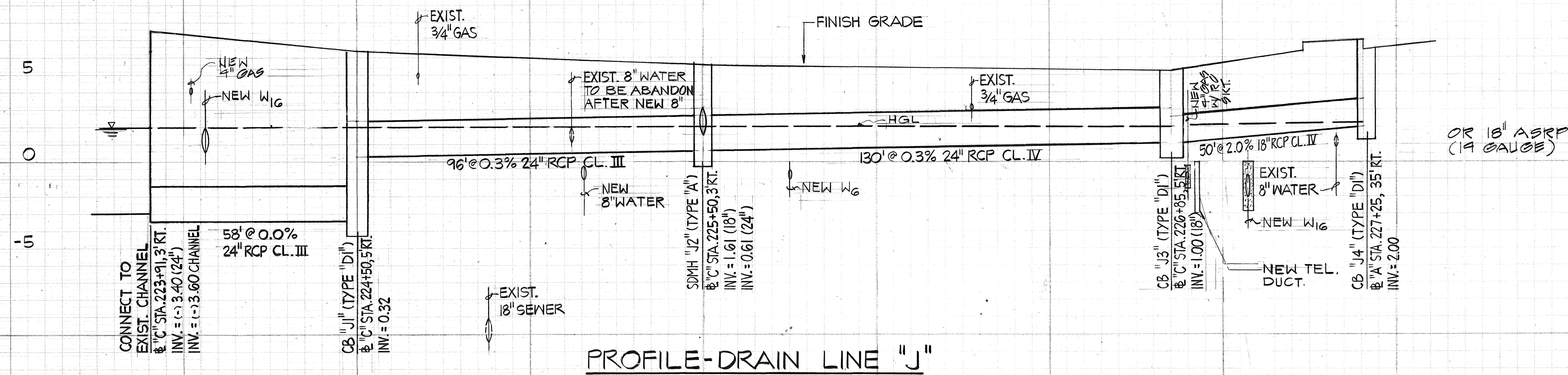
Scale: $\frac{1}{4}$ " = 1' Date: 10/1/92

SHEET NO. 21 OF 46 SHEETS

APPROVED: *[Signature]* DATE 7/2/97
CHIEF, DIV. OF WASTEWATER MGMT.
(FOR EFFECT ON SEWERS ONLY)

SCALES: HORIZ. $1'' = 20'$
VERT. $1'' = 4'$

NH-



SCALES: HORIZ. $1'' = 20'$
VERT. $1'' = 4'$

APPROVED: J. Lyons DATE: 7/2/93
CHIEF, DIV. OF WASTEWATER MGMT.
(FOR EFFECT ON SEWERS ONLY)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILES

DRAIN LINES H, HI, J, & JI

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.

F.A. PROJECT NO. STP-072-1(35)

Scale: _____ **Date:** 10/1/92

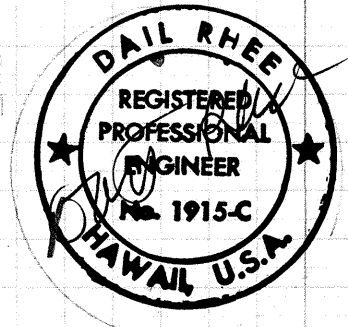
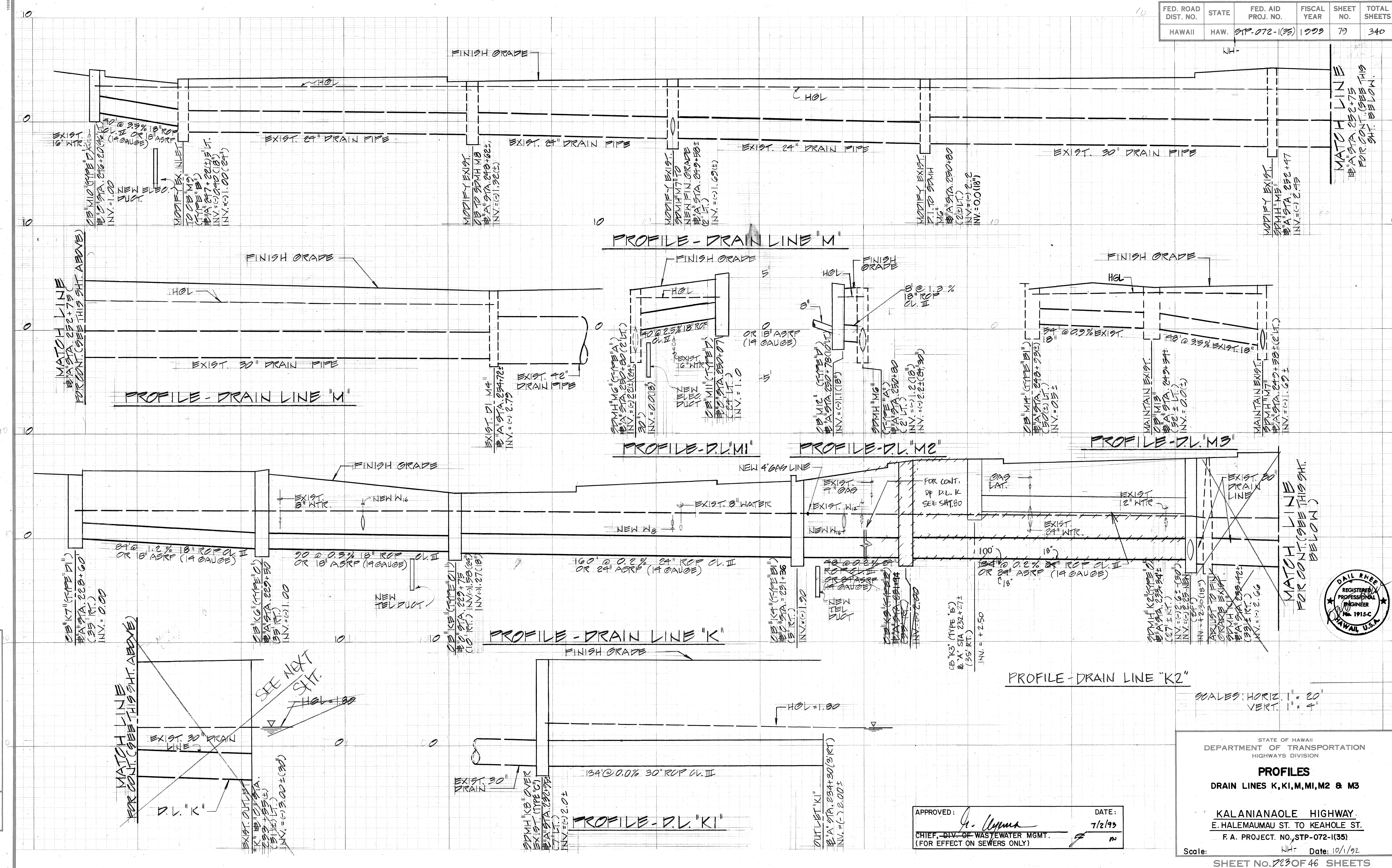
SHEET No. 7-22 OF 46 SHEETS

78

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

ORIGINAL PLAN
DATE
DESIGNED BY
CHECKED BY
NOTED BY
QUANTITIES BY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(35)	1999	79	340



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PROFILES
DRAIN LINES K, KI, M, M1, M2 & M3

KALANIANA'OLE HIGHWAY
E. HALEMAUMAU ST. TO KEAHOLE ST.
F.A. PROJECT NO. STP-072-1(35)

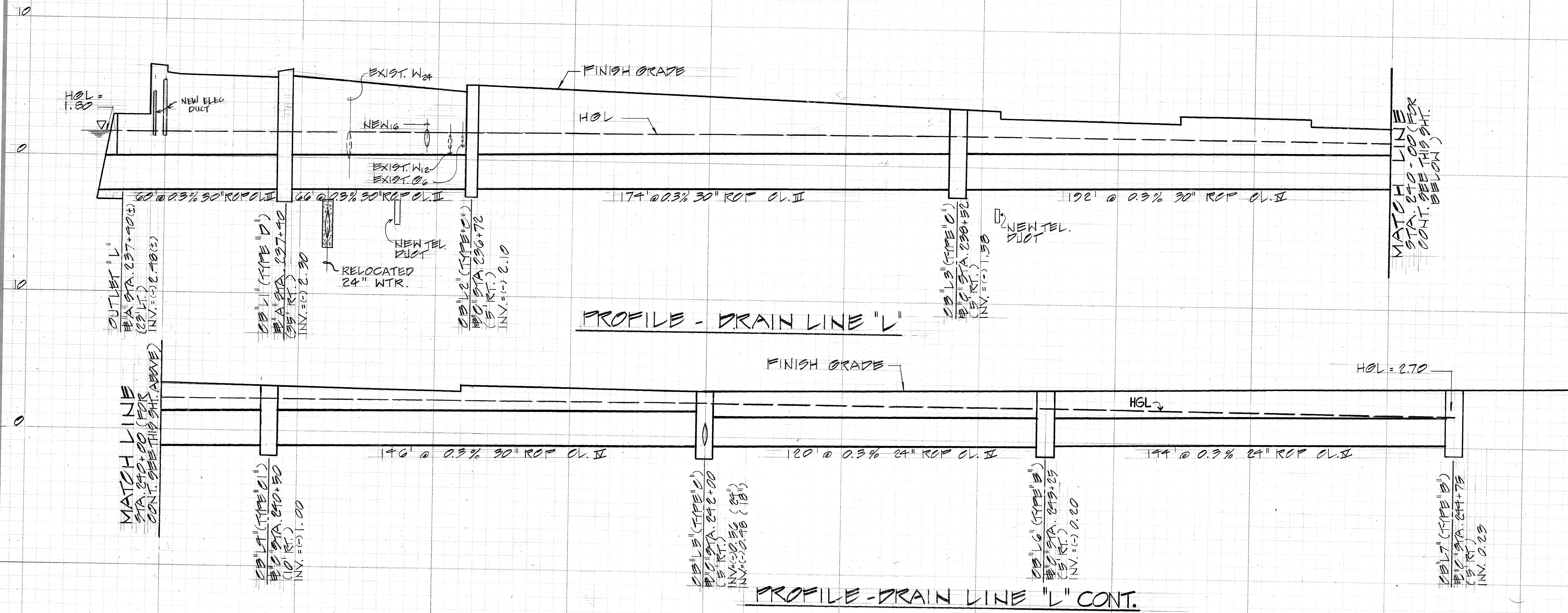
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SHEET No. 723 OF 46 SHEETS

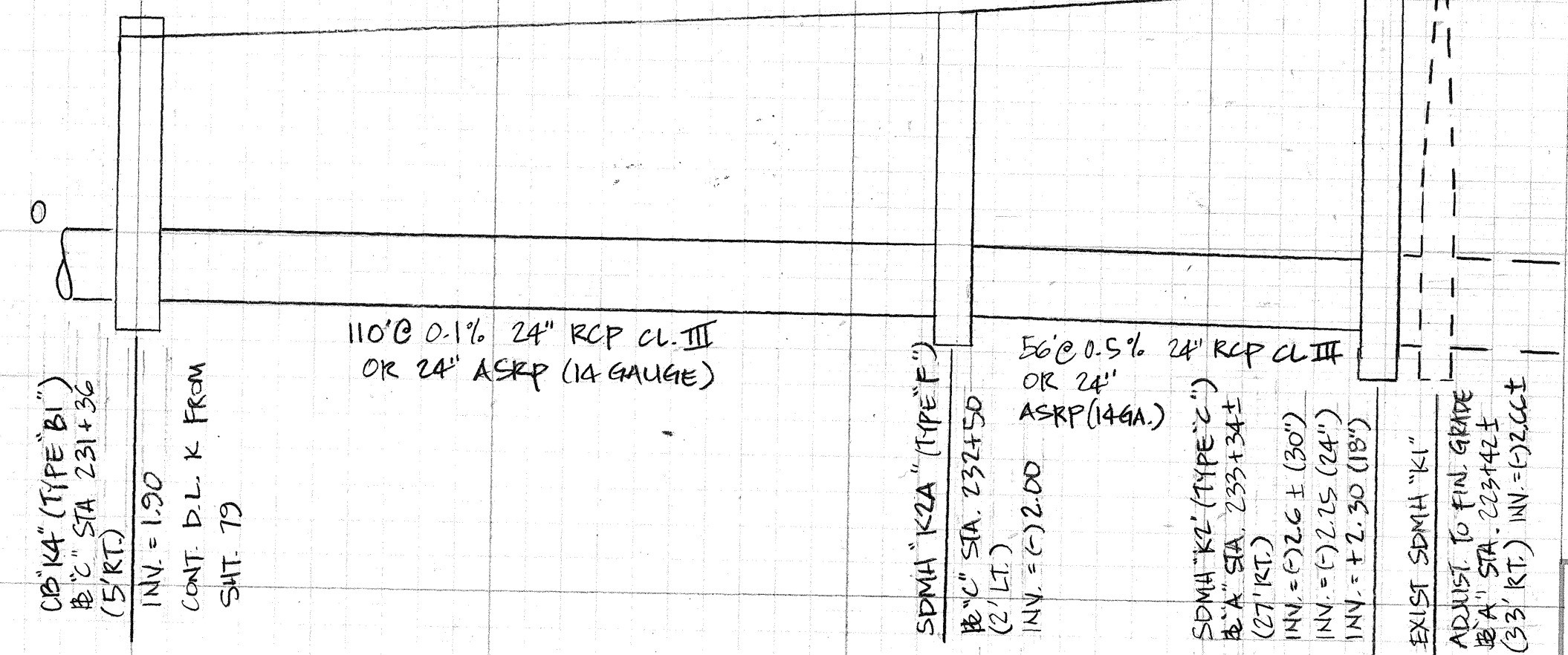
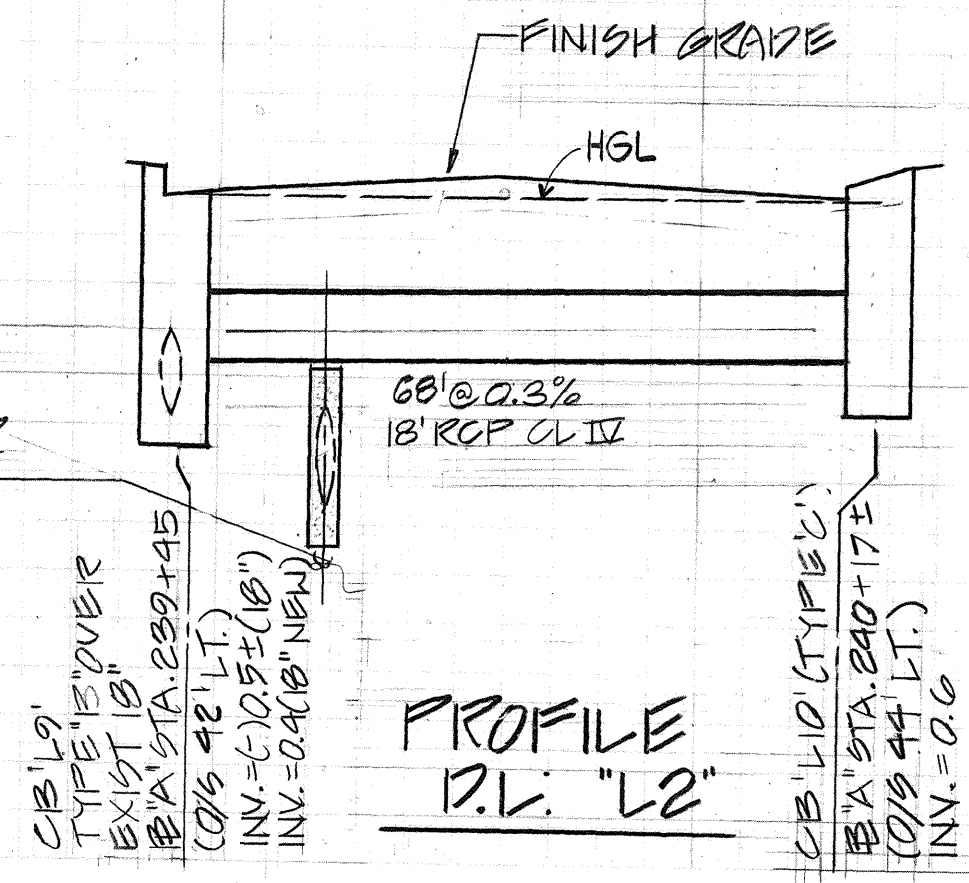
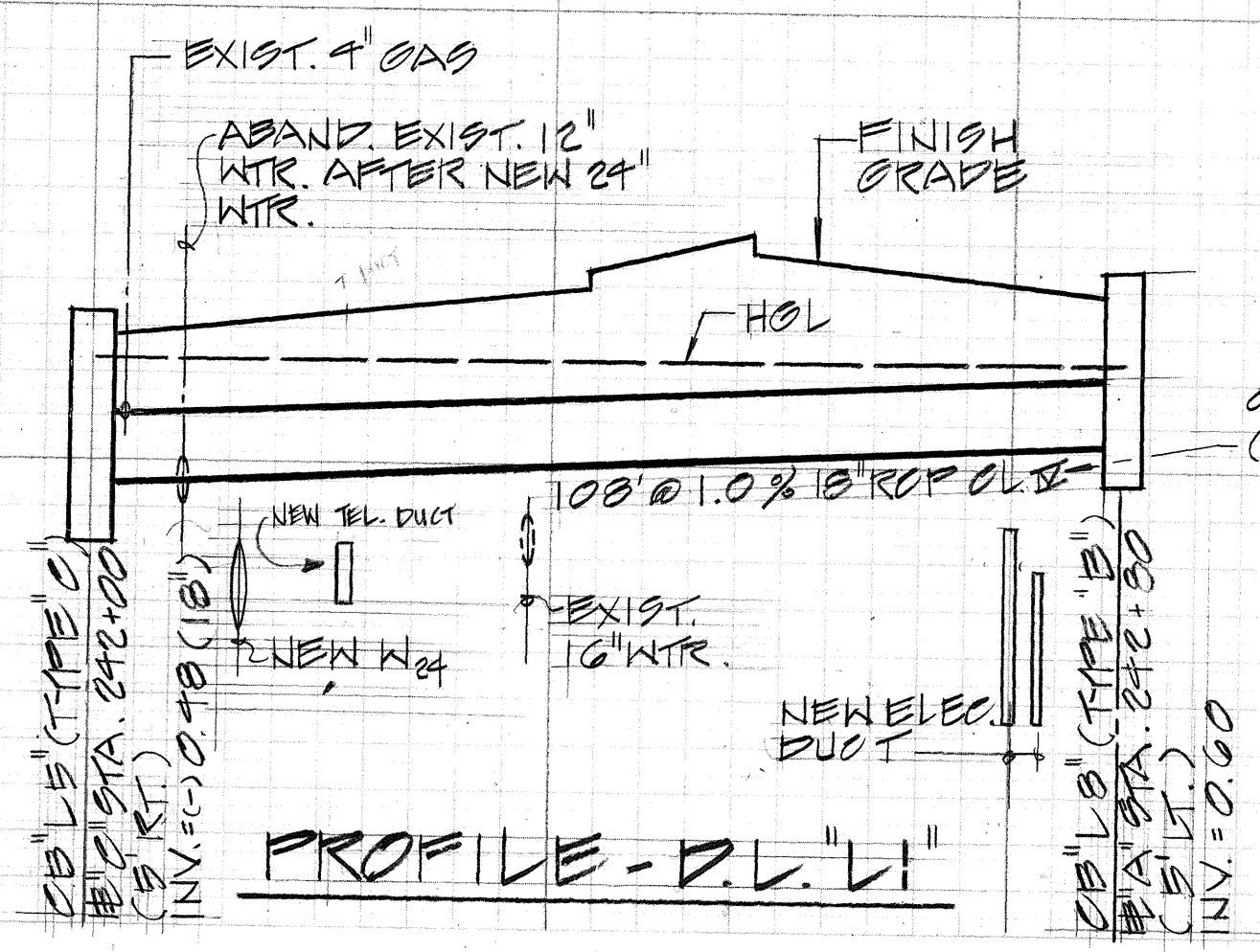
APPROVED: *G. Uyama* DATE: 7/2/93
CHIEF, DIV. OF WASTEWATER MGMT.
(FOR EFFECT ON SEWERS ONLY)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-072-1(35)	1993	80	340

LI-



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



APPROVED: *[Signature]* DATE: 7/2/93
 CHIEF, DIV. OF WASTEWATER MGMT.
 (FOR EFFECT ON SEWERS ONLY)

SCALES: HORIZ. 1" = 20'
 VERT. 1" = 4'

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PROFILES
 DRAIN LINES L, LI & L2

KALANIANA'OLE HIGHWAY
 E. HALEMAUMAU ST. TO KEAHOLE ST.
 F.A. PROJECT NO. STP-072-1(35)

Scale: NH- Date: 10/1/92

SHEET NO. 72 OF 46 SHEETS

