

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	13	89

Pavement Underdrain Cleanout Locations

1. Sta. 101+77 O/S 16' Lt.
2. Sta. 101+79 O/S 21.25' Rt.

Notes:

1. Pavement underdrains shall be 6-inch pipe unless otherwise specified on the plans.
2. See Sht. C-20 for underdrain cleanout detail.

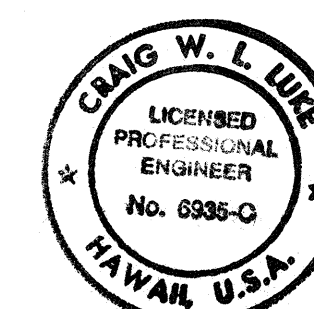
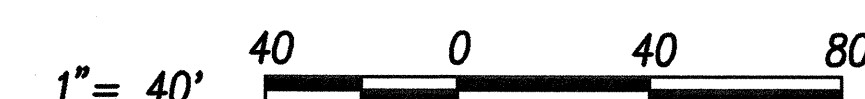
LEGEND

B-101	BORING LOCATION AND NO.
~	RUNOFF DIRECTION
High Pt.	SPOT ELEVATION
—	CONCRETE RETAINING WALL
■	DRAIN INLET
○	DRAIN MANHOLE
>	OUTLET HEADWALL
—D24—	DRAIN LINE SIZE AND DIRECTION OF FLOW
—	CONCRETE SWALE
—530—	FINISHED CONTOUR
—530—	EXISTING CONTOUR
---	PAVEMENT UNDERDRAIN AND FLOW DIRECTION

Notes:

1. For Type 61616 Grated Drop Inlet, see DOT Std. Plan H-12 and Sht. C-21.
2. For boring logs, see Shts. C-46 thru C-49.
3. For Grading Notes, see Sht. C-2.

GRAPHIC SCALE:

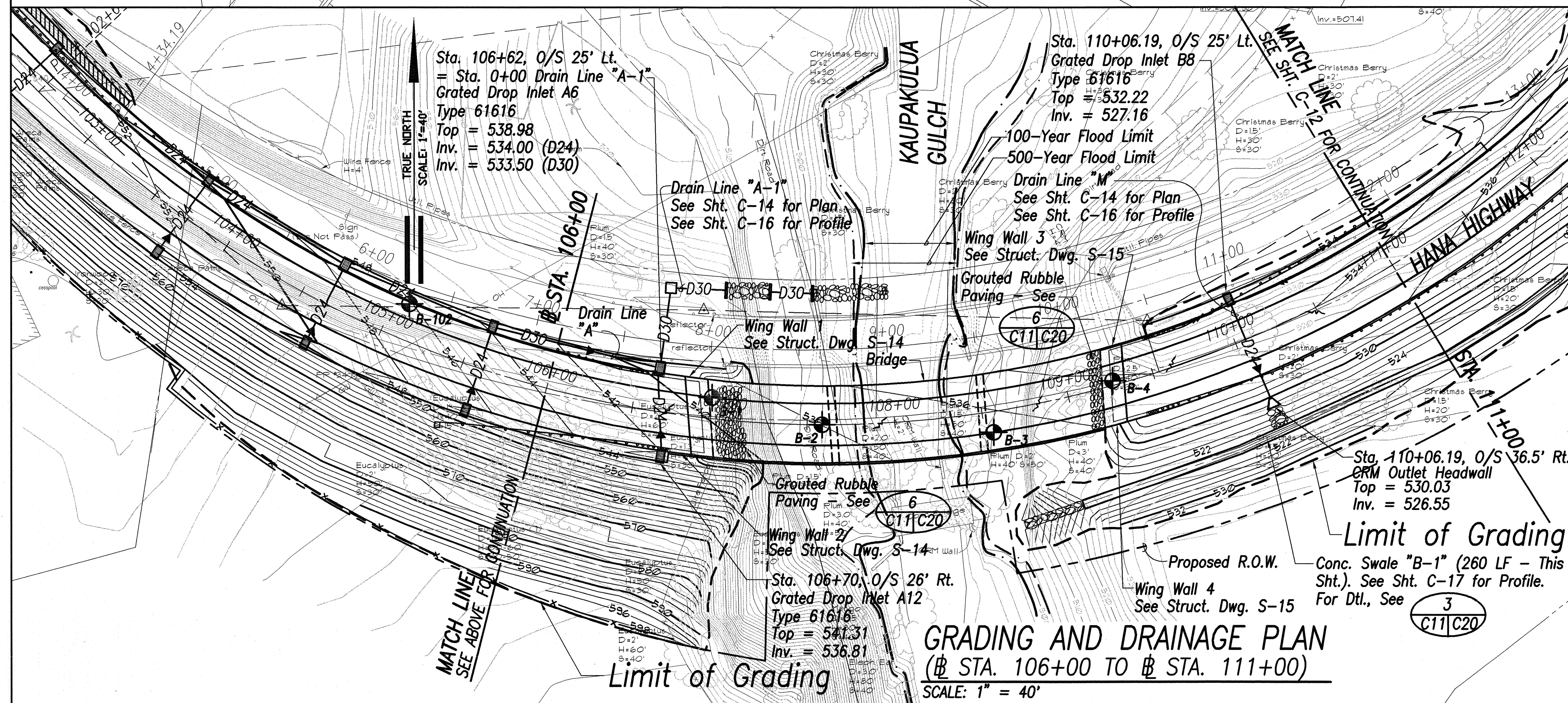
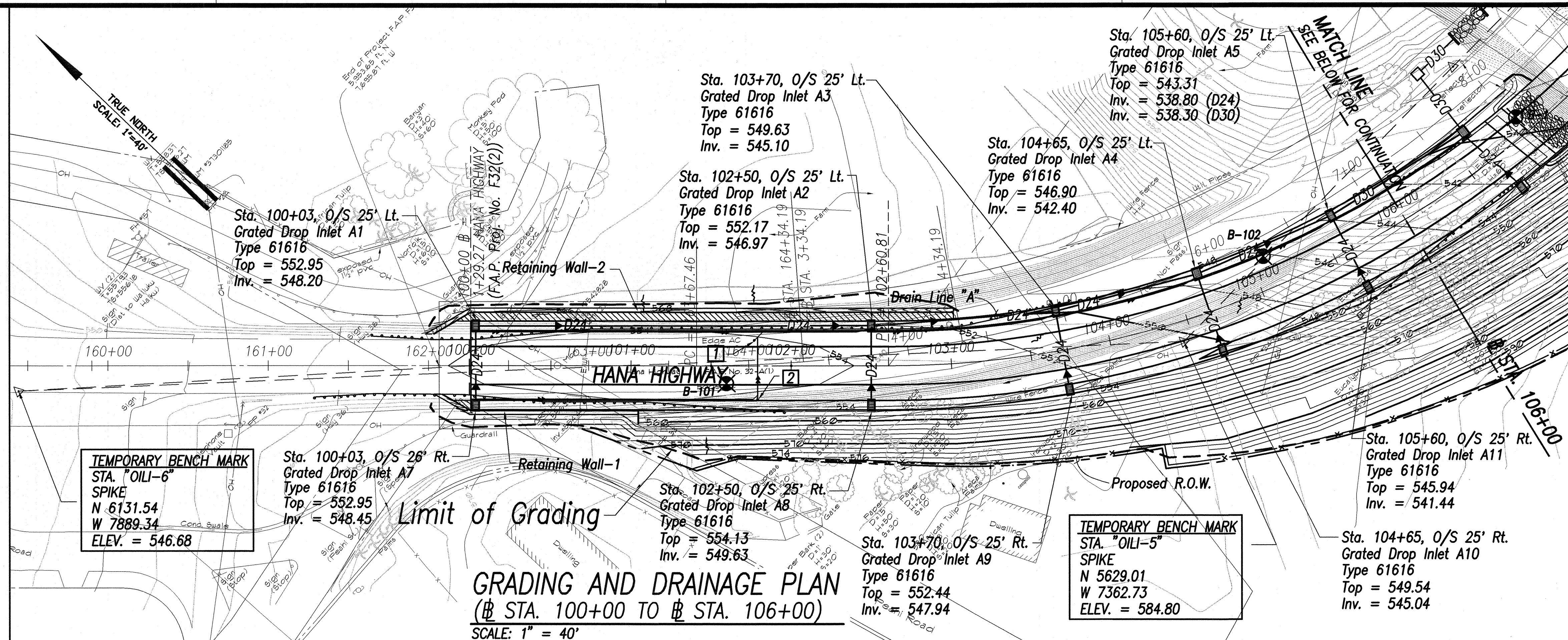


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
 SIGNATURE: *[Signature]* DATE: 7/2/00

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
GRADING AND DRAINAGE PLAN
 (B STA. 100+00 TO B STA. 111+00)
 HANA HIGHWAY
 REPLACEMENT OF KAUPAKULUA BRIDGE
 AND APPROACHES
 F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 40' Date: June 30, 2000

SHEET No. C-11 OF 89 SHEETS



DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
No.	_____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-036-1(15)	2000	14	89

Pavement Underdrain Cleanout Locations

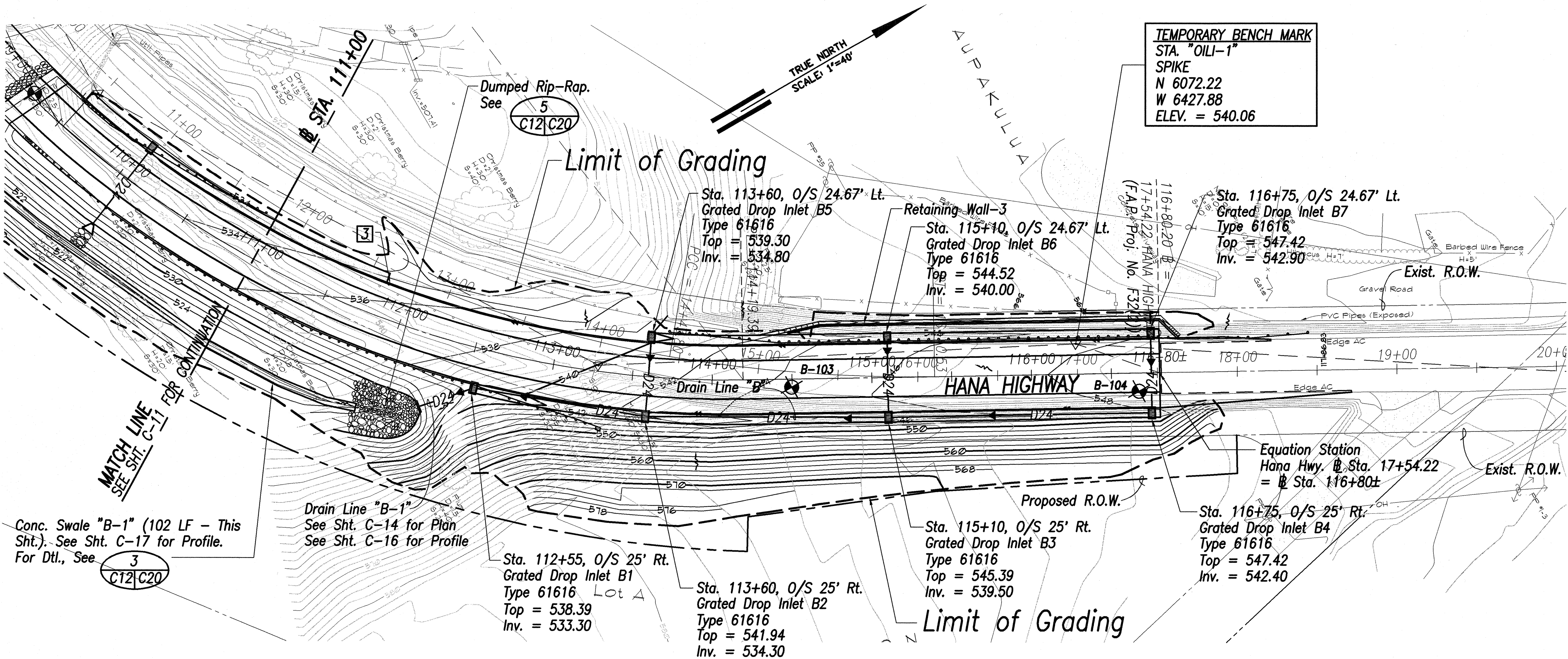
3 Sta. 111+85 O/S 21.25' Lt.

Notes:

- Pavement underdrains shall be 6-inch pipe unless otherwise specified on the plans.
- See Sht. C-20 for underdrain cleanout detail.

LEGEND

	BORING LOCATION AND NO.
	RUNOFF DIRECTION
	SPOT ELEVATION
	CONCRETE RETAINING WALL
	DRAIN INLET
	DRAIN MANHOLE
	OUTLET HEADWALL
	DRAIN LINE SIZE AND DIRECTION OF FLOW
	CONCRETE SWALE
	FINISHED CONTOUR
	EXISTING CONTOUR
	PAVEMENT UNDERDRAIN AND FLOW DIRECTION

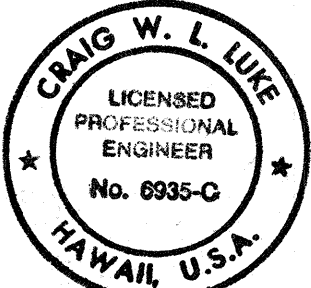


Notes:

- For Type 61616 Grated Drop Inlet, see DOT Std. Plan H-12 and Sht. C-21.
- For boring logs, see Shts. C-46 thru C-49.
- For Grading Notes, see Sht. C-2.

GRADING AND DRAINAGE PLAN (# STA. 111+00 TO # STA. 116+80±)

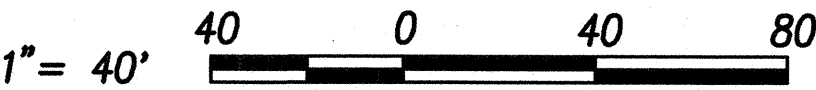
SCALE: 1" = 40'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

SIGNATURE DATE 1/20/00

GRAPHIC SCALE:



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GRADING AND DRAINAGE PLAN
(# STA. 111+00 TO # STA. 116+80.20)
HANA HIGHWAY
REPLACEMENT OF KAUPAKULUA BRIDGE
AND APPROACHES
F.A.P. Proj. No. BR-036-1(15)

Scale: 1" = 40' Date: June 30, 2000

SHEET No. C-12 OF 89 SHEETS