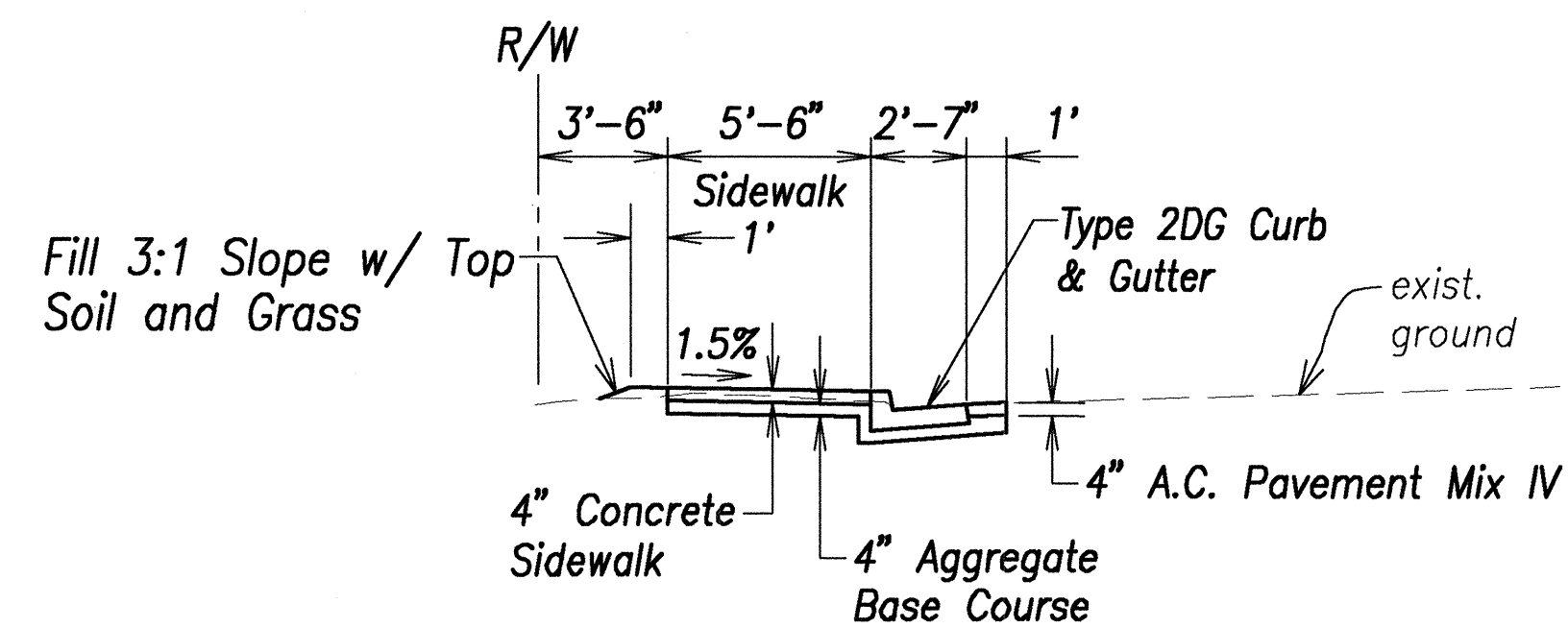
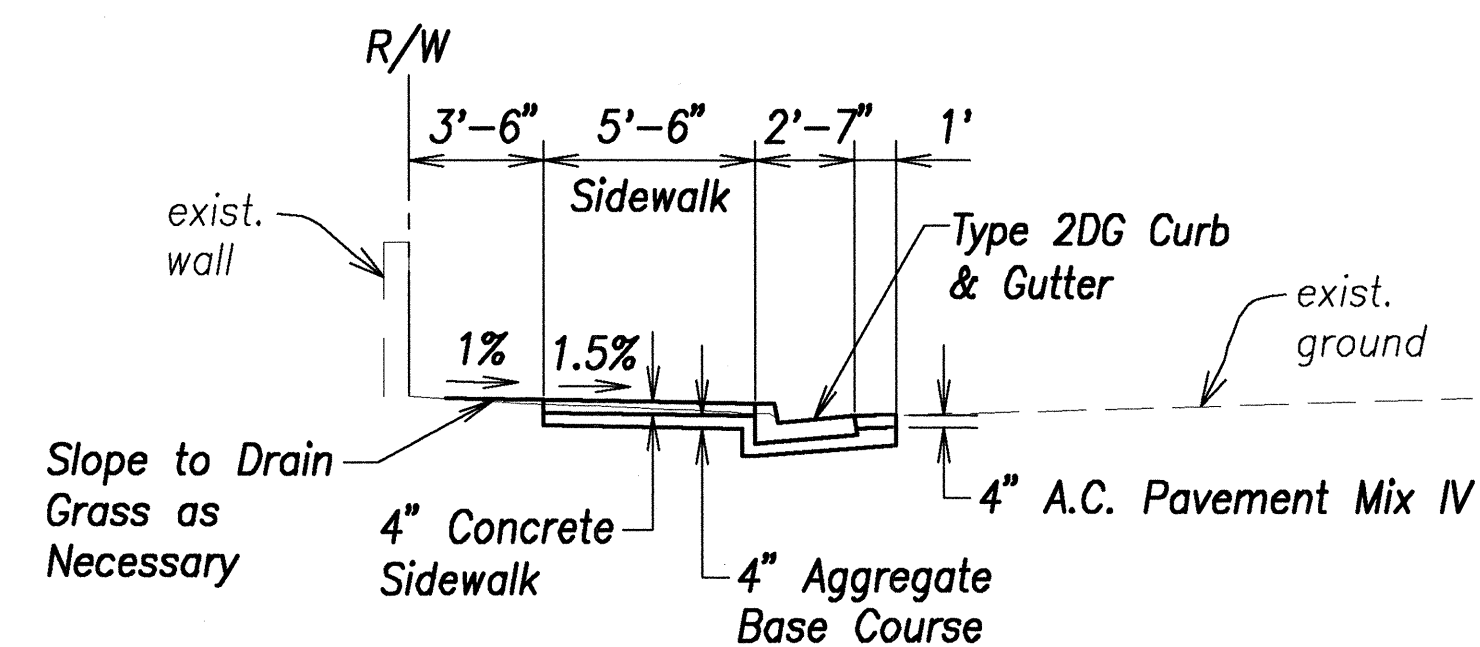


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(18)	2003	27	98

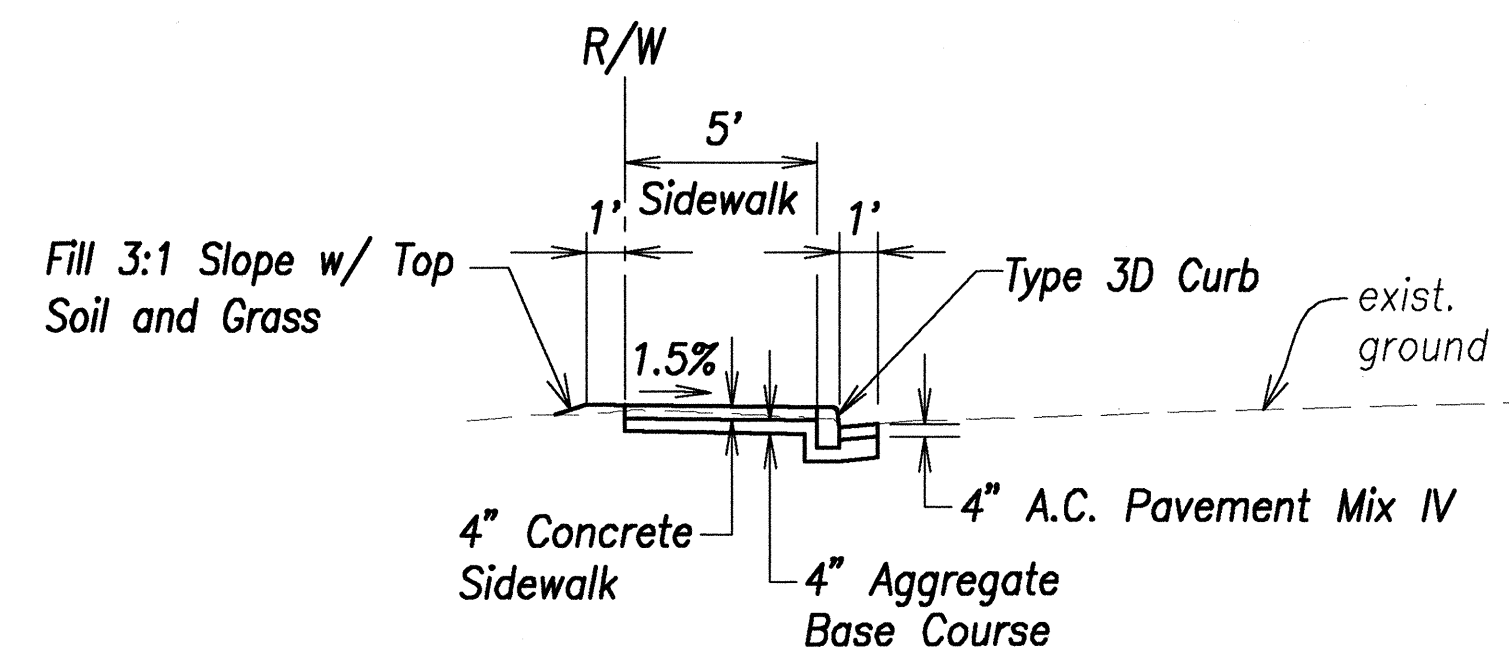


AT FILL CONDITION

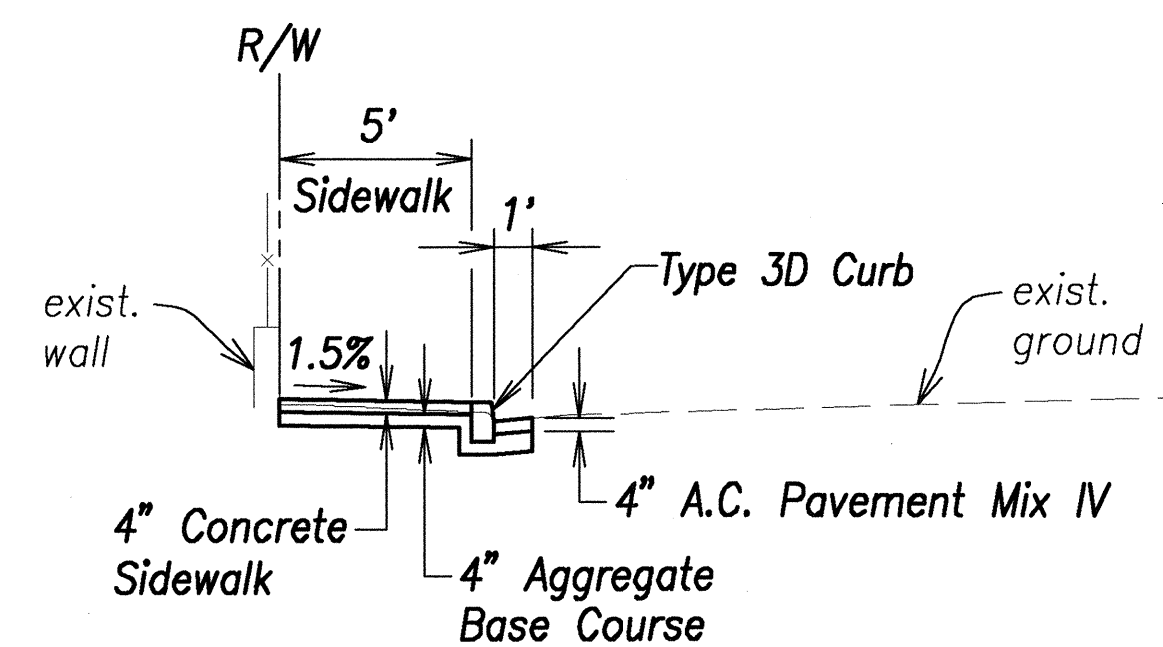


AT EXISTING WALL

TYPICAL SECTION – Farrington # STA. 8+96.24 TO # STA. 15+83
SCALE: 1" = 5'



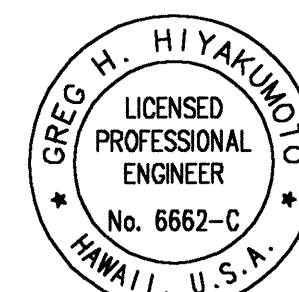
AT FILL CONDITION



AT EXISTING WALL

TYPICAL SECTION – Farrington # STA. 15+83 TO # STA. 19+76.38
AND # STA. 21+09.92 TO # STA. 25+54.62
SCALE: 1" = 5'

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



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

SIGNATURE: *Greg H. Hiyaquino* April 30, 2004
EXPIRATION DATE OF THE LICENSE

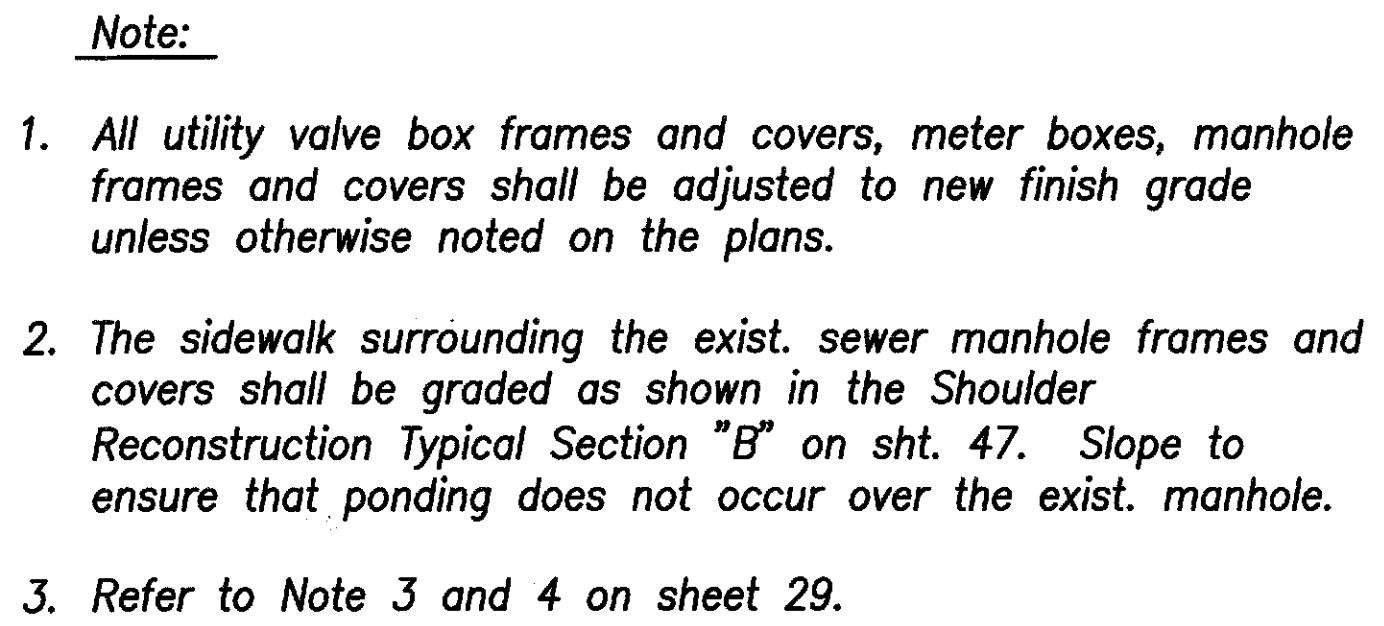
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIANAE MALL SIDEWALK
TYPICAL SECTIONS

FARRINGTON HIGHWAY SAFETY IMPROVEMENTS
NANAKULI TO MAKAHA
F.A.I. Proj. No. STP-093-1(18)

Scale: 1" = 5' Date: 04/23/03

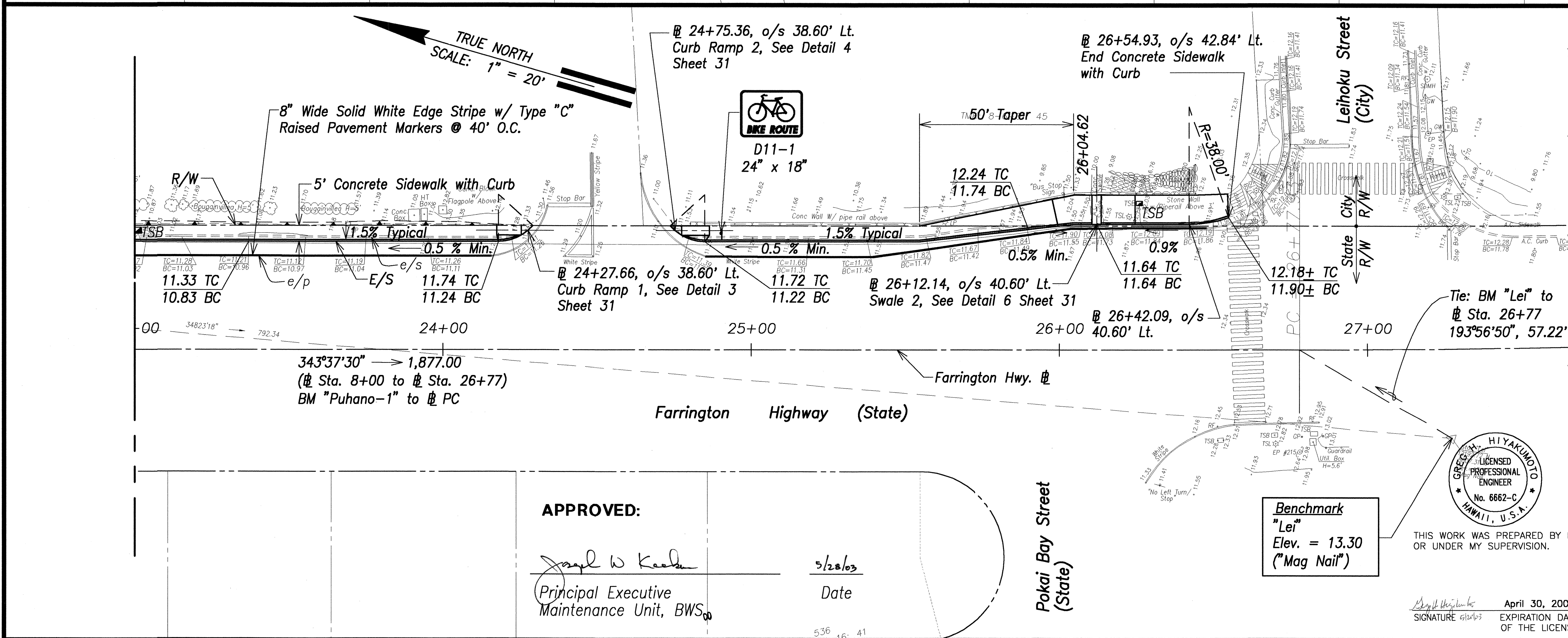
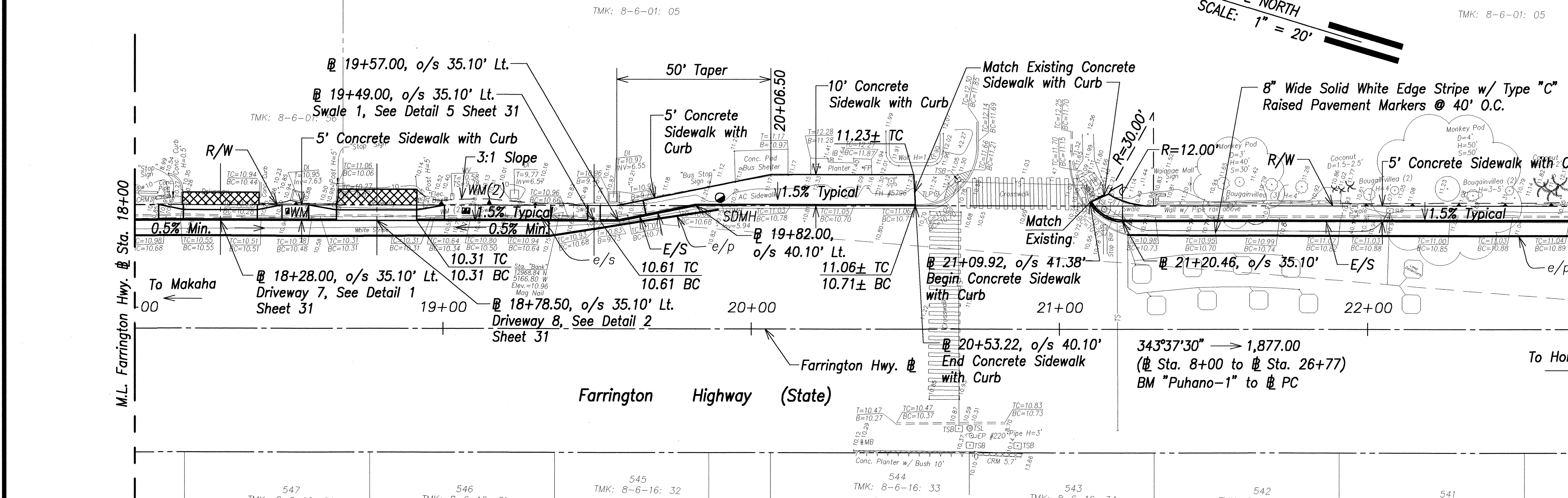
SHEET No. 27 OF 98 SHEETS

[illegible]

APPROVED:

<u><i>Joseph W. Kaul</i></u>	<u>6/5/03</u>
Principal Executive	Date
Maintenance Unit, BWS _{DD}	
<u><i>Deborah M. Muthmann</i></u>	<u>6/6/03</u>
Chief, Wastewater Branch, DPP _{mw}	Date

	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
	<u>WAIANAE MALL SIDEWALK</u> <u>PLAN - 1</u>
	<u>FARRINGTON HIGHWAY SAFETY IMPROVEMENTS</u> <u>NANAKULI TO MAKAHA</u> <u>F.A.I. Proj. No. STP-093-1(18)</u>
	Scale: 1"=20' Date: 04/23/03
WORK WAS PREPARED BY ME UNDER MY SUPERVISION.	SHEET No. 28 OF 98 SHEETS



- STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIANAE MALL SIDEWALK

PLAN - 2

FARRINGTON HIGHWAY SAFETY IMPROVEMENTS
NANAKULI TO MAKAHA

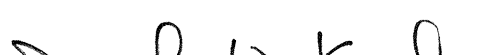
F.A.I. Proj. No. STP-093-1(18)

Scale: 1"=20' Date: 04/23/03

SHEET No. 29 OF 98 SHEETS

11.33 TC /
 10.83 BC
 00 34823'18" 792.34 24+00
 343°37'30" → 1,877.00
 (Sta. 8+00 to Sta. 26+77)
 BM "Puhano-1" to PC

APPROVED:


Principal Executive
Maintenance Unit, BWS₀₀

5/28/03
Date

536 16 41

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIANAE MALL SIDEWALK
PLAN - 2

FARRINGTON HIGHWAY SAFETY IMPROVEMENTS
NANAKULI TO MAKAHA
F.A.I. Proj. No. STP-093-1(18)

Scale: 1"=20' Date: 04/11/00

SHEET No. 29 OF 98 SHEETS

TRUE NORTH
SCALE: 1" = 10'

6' 12' 3.5' 5' 3.5' 12' 6'

A.C. Pavement Match to Existing Driveway

11.62 11.17 11.11 11.34 11.28 11.05 10.99 11.38

3.5' 6' 1.5% Typ. 7.5% 0.5% 7.7% 1.2% 7.7% 0.5% 6.5% 1.5% Typ. 0.5% Min.

11.53 TC 11.03 BC 3.5' 10.96 TC 10.88 BC 11.29 TC 10.79 BC

11.08 TC 11.00 BC 11.02 TC 10.94 BC 11.23 TC 10.90 BC 10.90 TC 10.82 BC

11.29 TC 10.92 BC

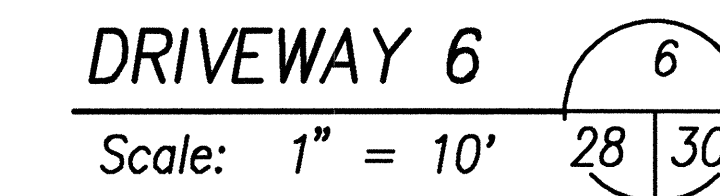
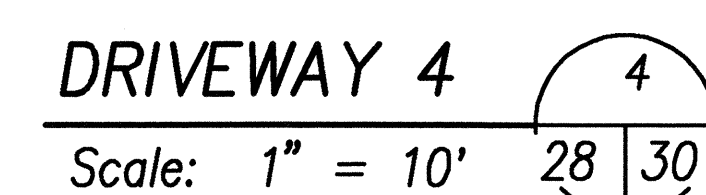
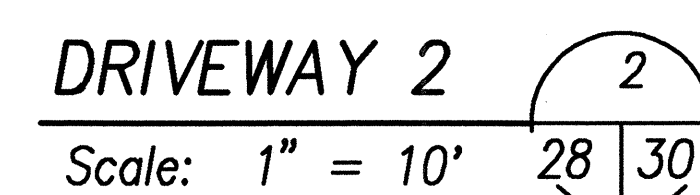
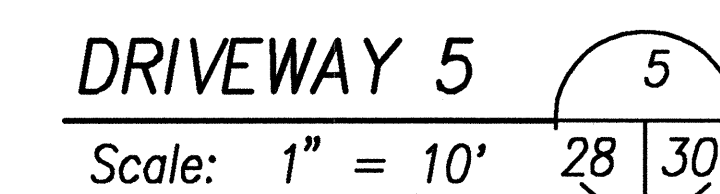
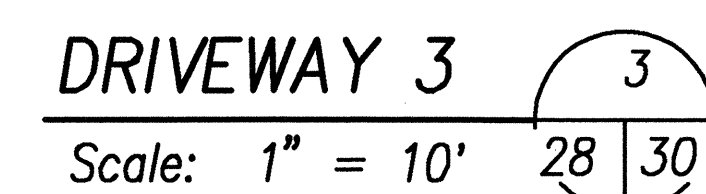
Loop Detector

Ø 10+27.00, o/s 30.60' Lt.

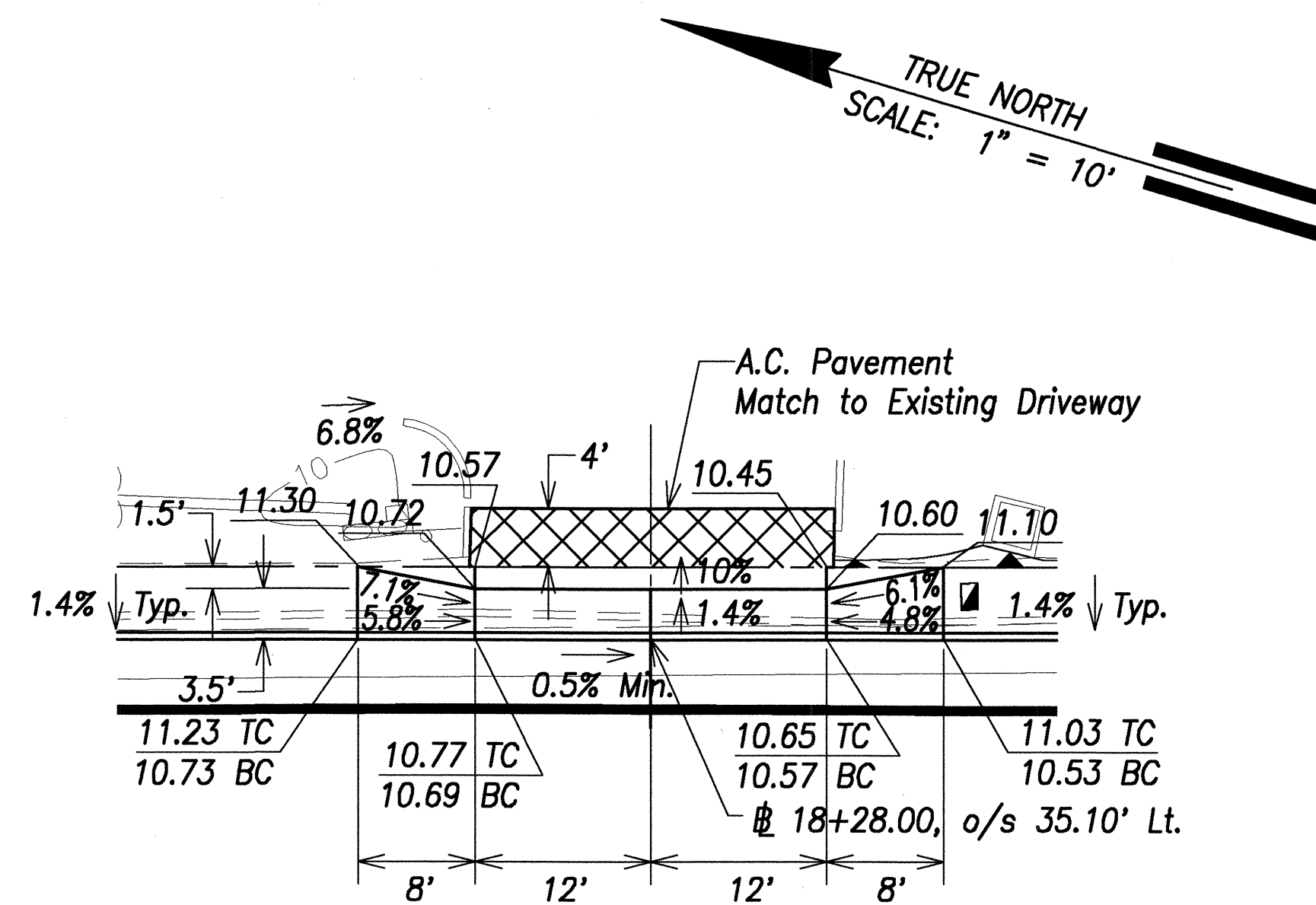
DRIVEWAY 1

Scale: 1" = 10'

28 | 30

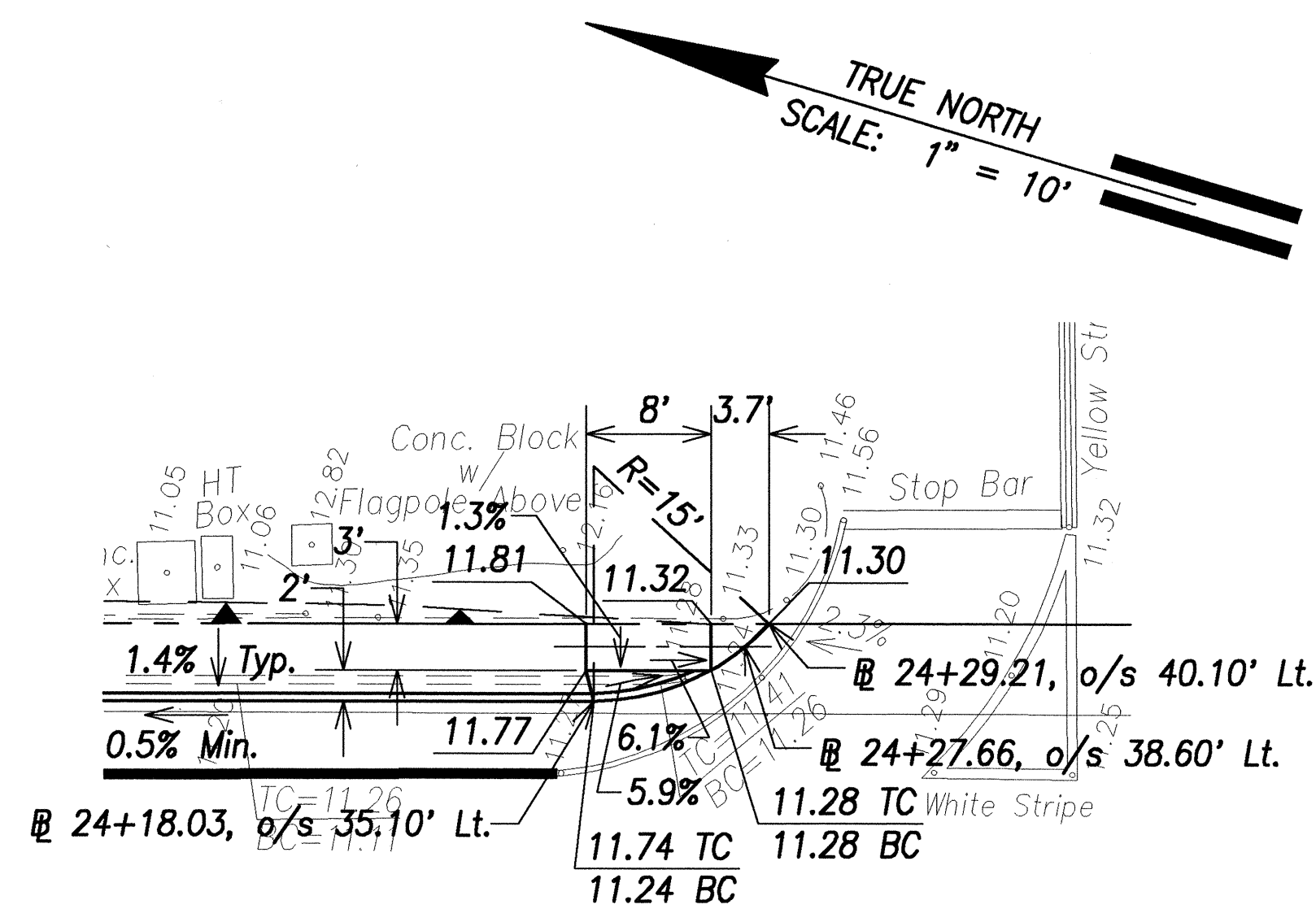
30

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(18)	2003	31	98



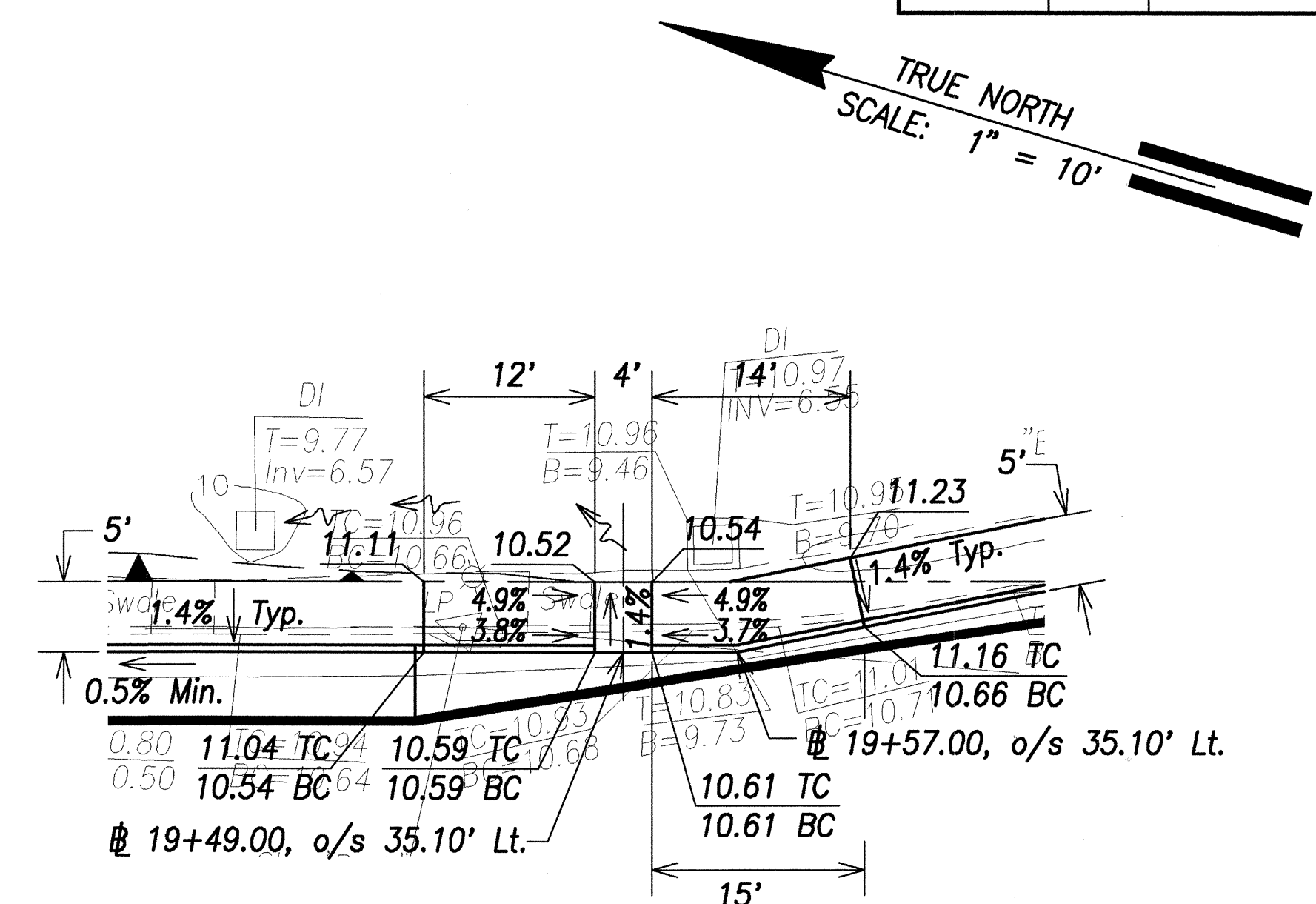
Farrington Highway (State)

DRIVEWAY 7 1
Scale: 1" = 10' 29 | 31



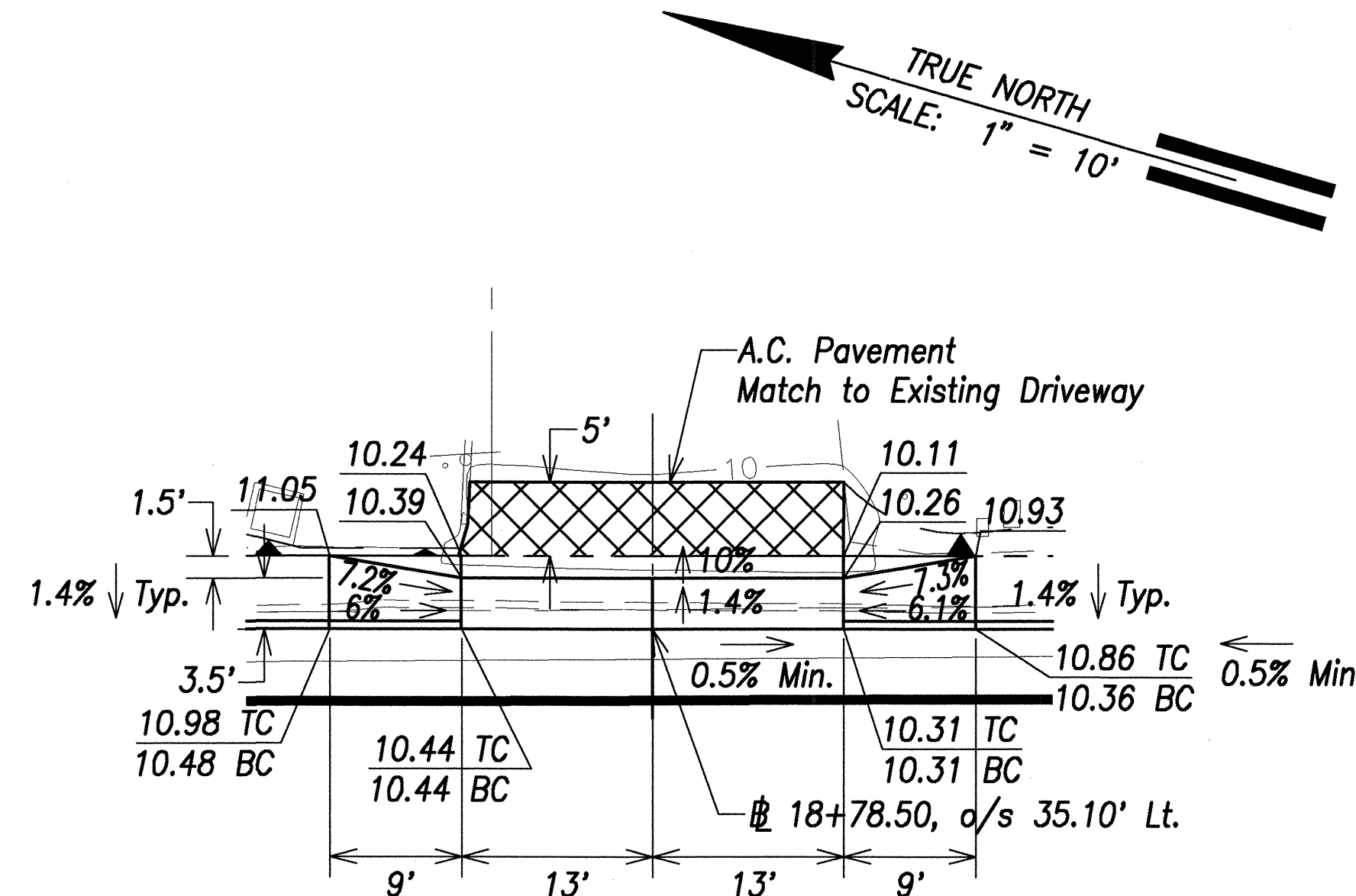
Farrington Highway (State)

CURB RAMP 1 3
Scale: 1" = 10' 29 | 31



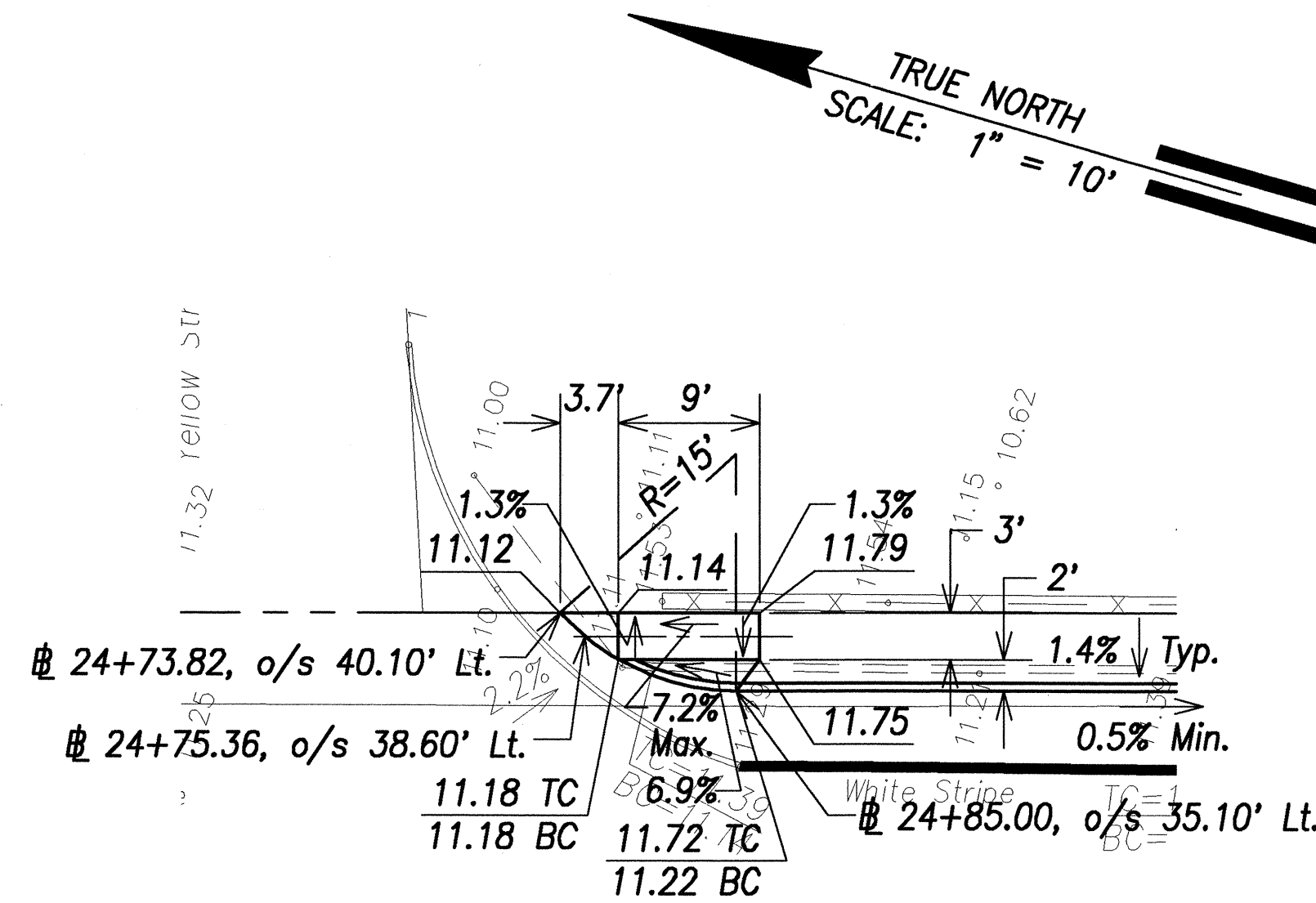
Farrington Highway (State)

SWALE 1 5
Scale: 1" = 10' 29 | 31



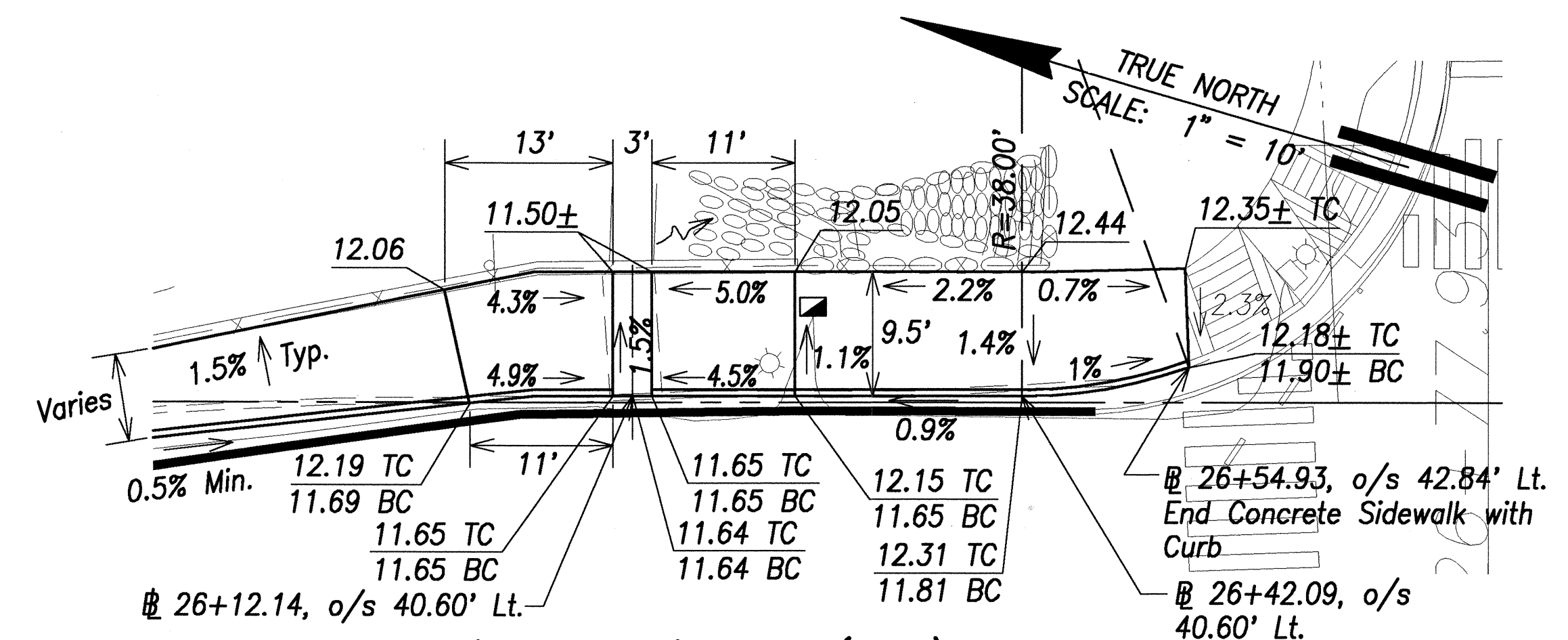
Farrington Highway (State)

DRIVEWAY 8 2
Scale: 1" = 10' 29 | 31



Farrington Highway (State)

CURB RAMP 2 4
Scale: 1" = 10' 29 | 31

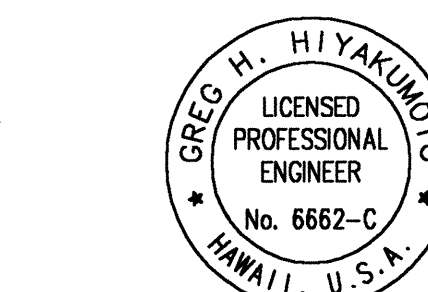


Farrington Highway (State)

SWALE 2 6
Scale: 1" = 10' 29 | 31

DATE	
DESIGNED BY	
CHECKED BY	
NO.	

Note:
Detectable Warning Surfaces shall be installed
at the end of the project.



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

Signature: [Signature] April 30, 2004
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIANAE MALL SIDEWALK

DETAIL PLAN - 2

FARRINGTON HIGHWAY SAFETY IMPROVEMENTS

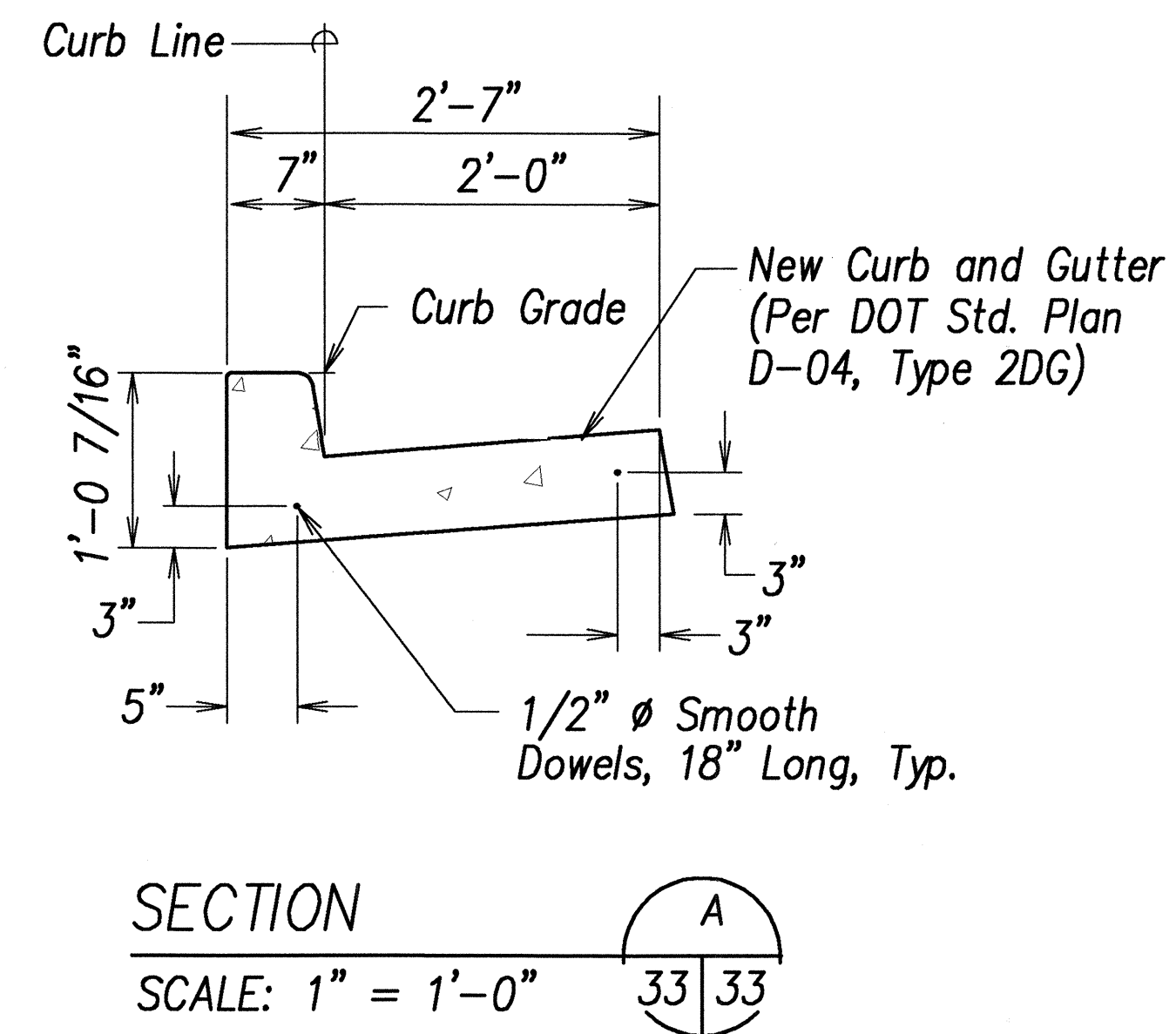
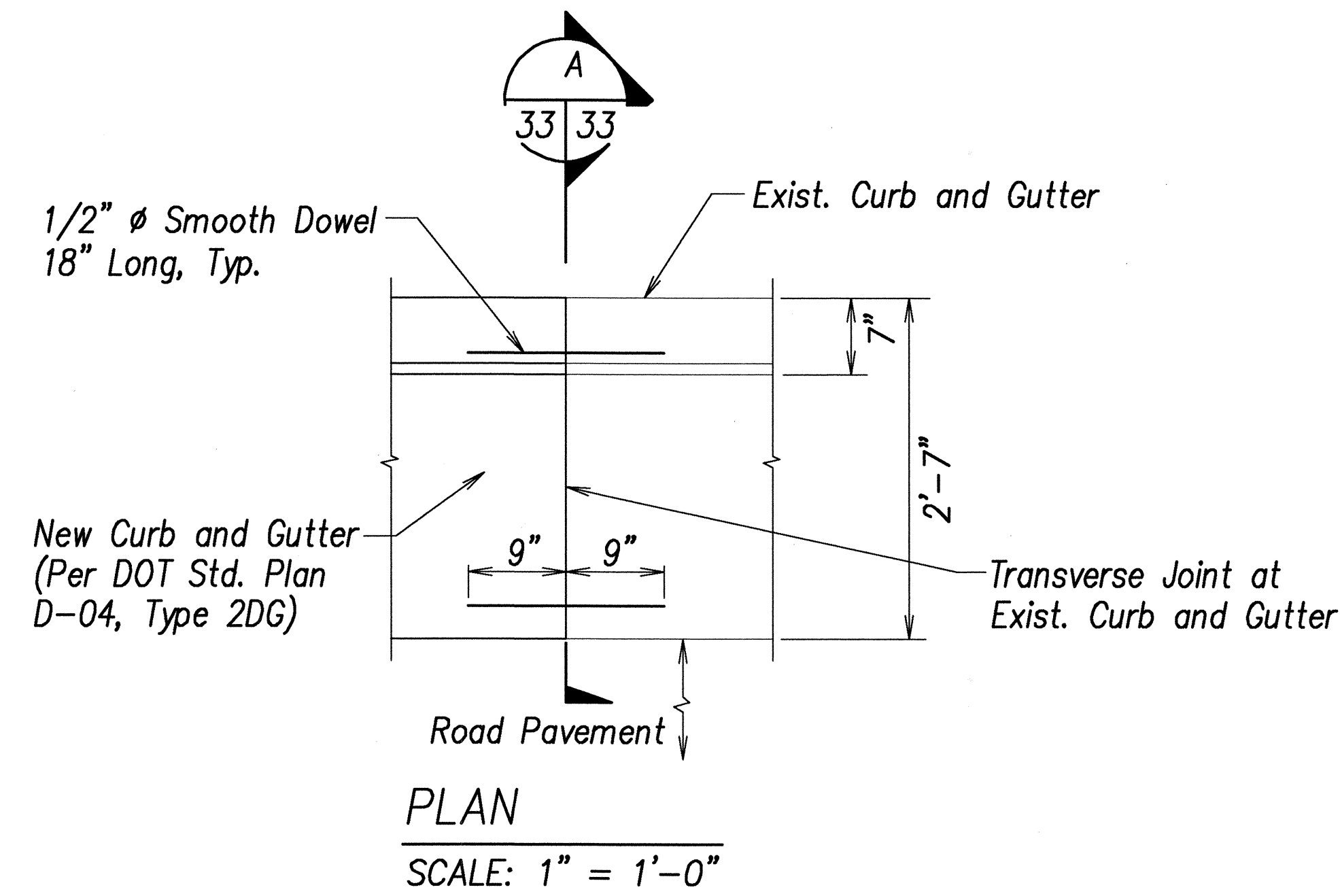
NANAKULI TO MAKAHA

F.A.I. Proj. No. STP-093-1(18)

Scale: As Shown Date: 04/23/03

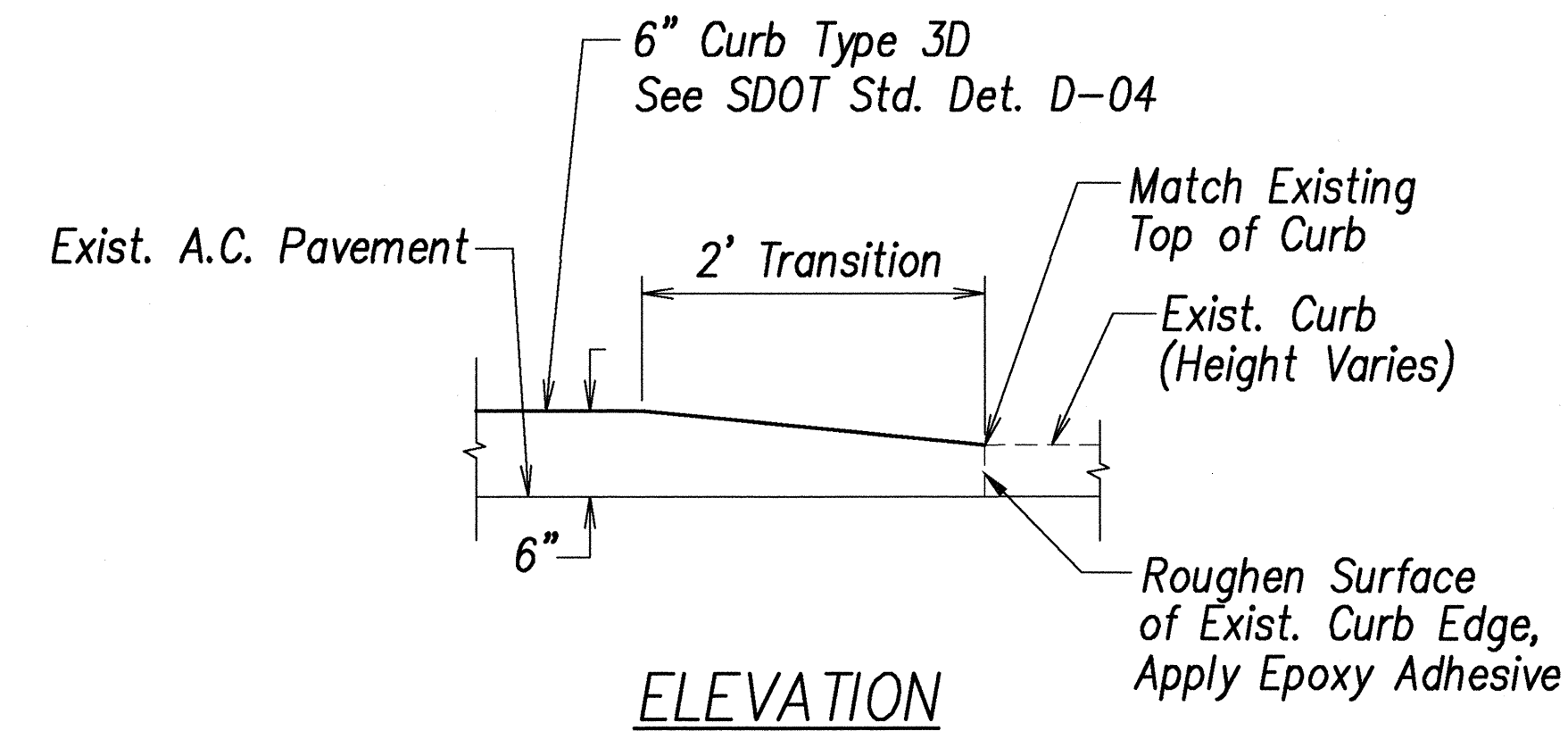
SHEET No. 31 OF 98 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-093-1(18)	2003	33	98



CURB AND GUTTER CONNECTION

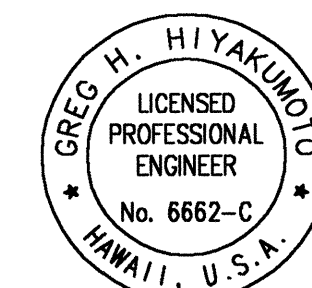
SCALE: As Shown



CONCRETE CURB TRANSITION

SCALE: 1" = 1'-0"

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
NO.	



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

SIGNATURE *Greg H. Hiyaunoto* April 30, 2004
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIANAE MALL SIDEWALK

CURB & GUTTER CONNECTION DETAIL - 2

FARRINGTON HIGHWAY SAFETY IMPROVEMENTS

NANAKULI TO MAKAHA

F.A.I. Proj. No. STP-093-1(18)

Scale: As shown Date: 04/23/03

SHEET No. 33 OF 98 SHEETS