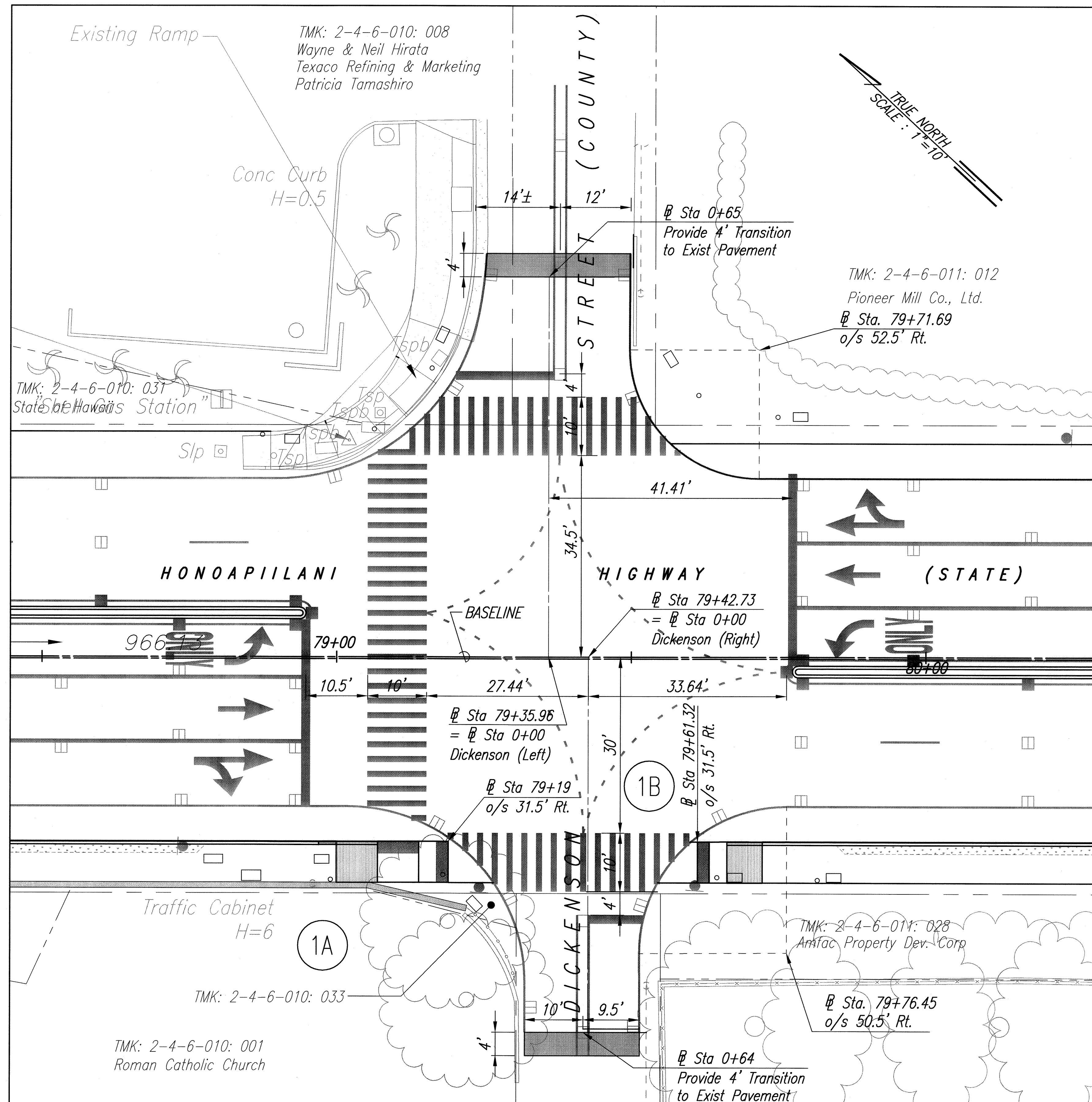
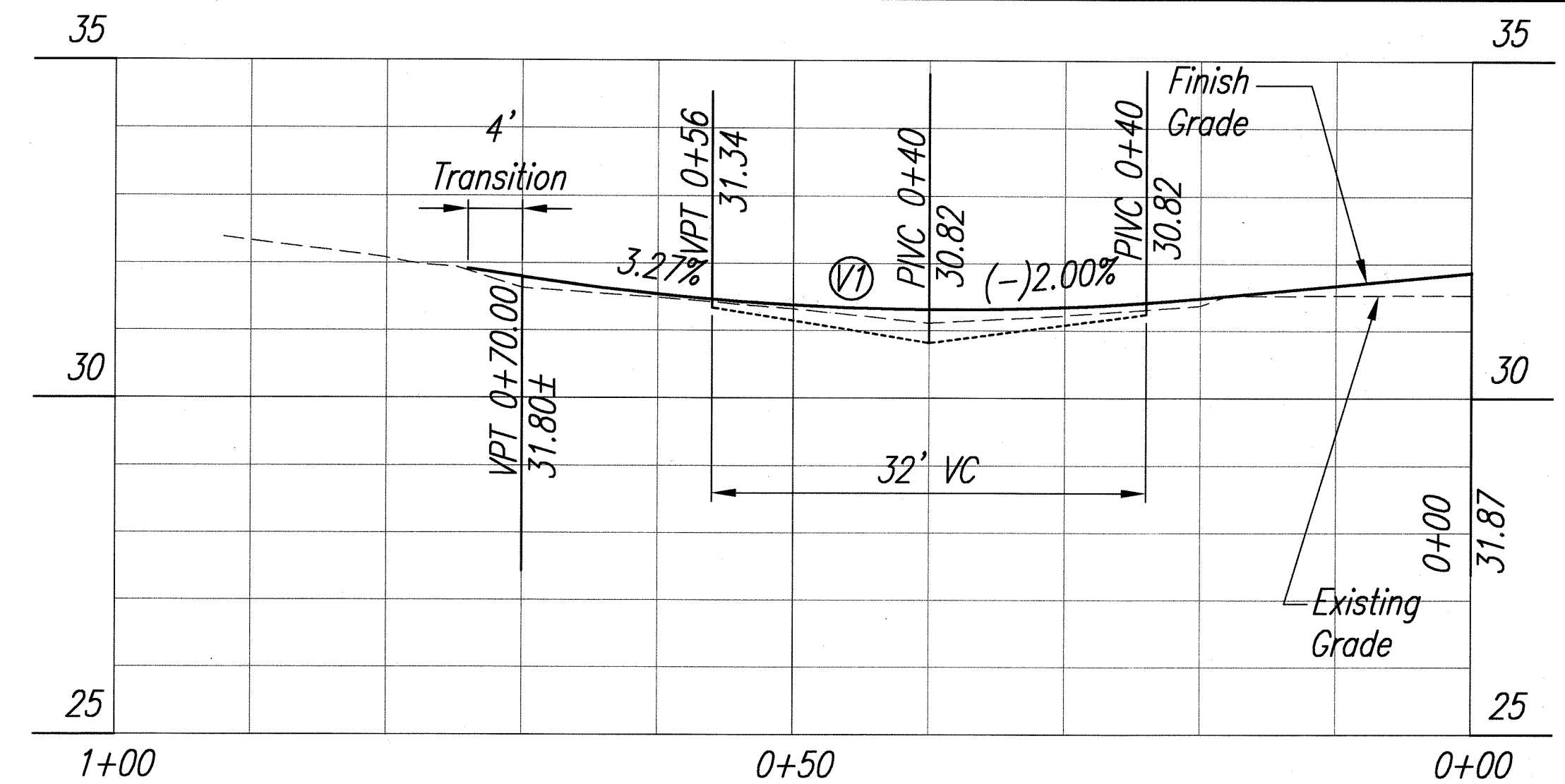


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	36	194

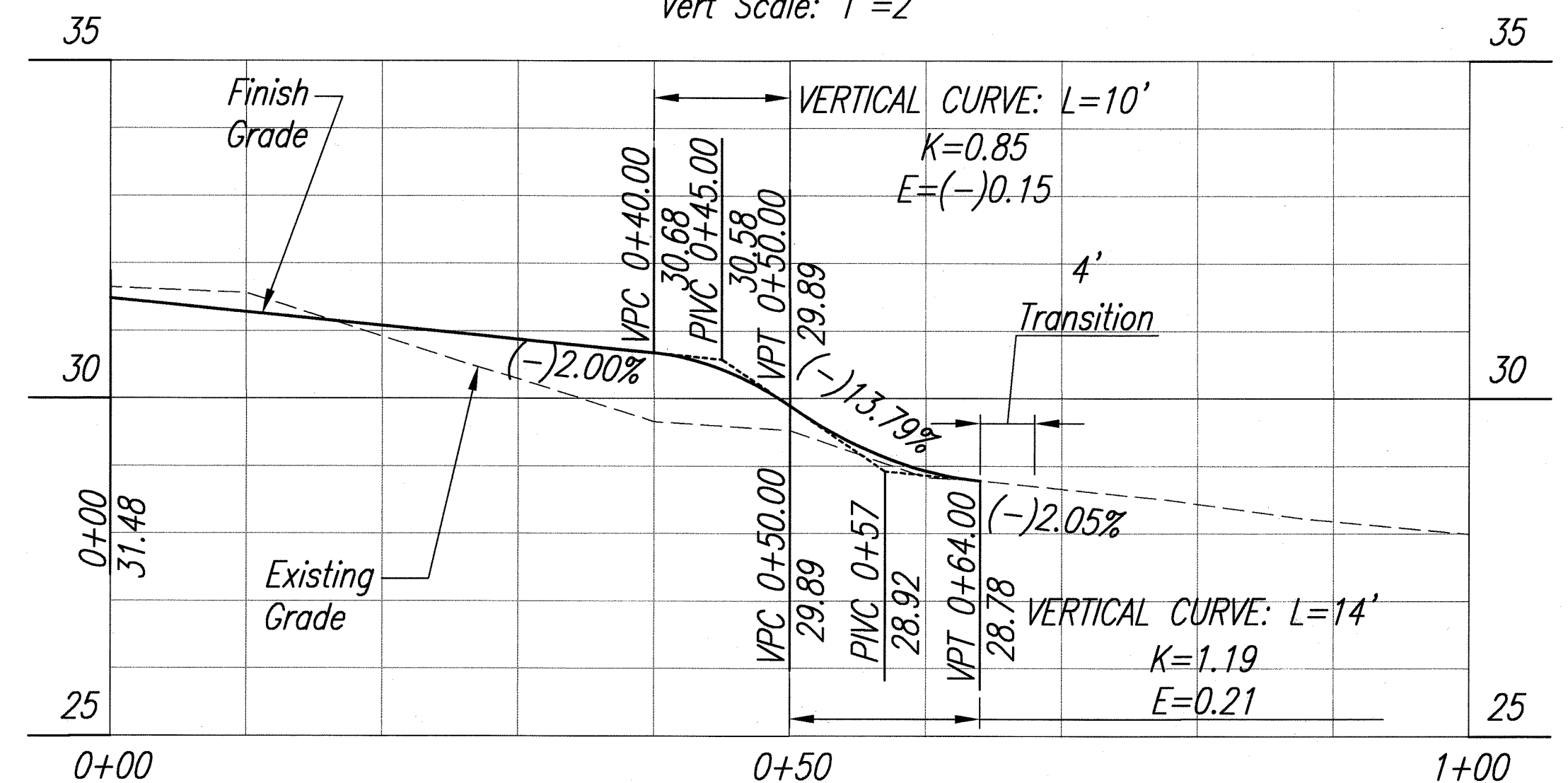


Intersection Plan 1 - Dickenson Street
Scale: 1"=10'



Profile Dickenson Left

Horiz Scale: 1"=10'
Vert Scale: 1"=2'



Profile Dickenson Right

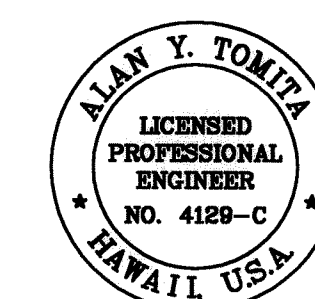
Horiz Scale: 1"=10'
Vert Scale: 1"=2'

Vertical Curve Data:

	V1	V3
Δ	8°54'48"	Δ 20°17'1"
Δ/2	4°27'24"	Δ/2 10°08'30"
R	20.57	R 4.13
T	1.6	T 0.74
C	3.2	C 1.46
LC	3.2	LC 1.46

LEGEND:

- New Retaining Wall and Noise Barrier
- New Noise Barrier



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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

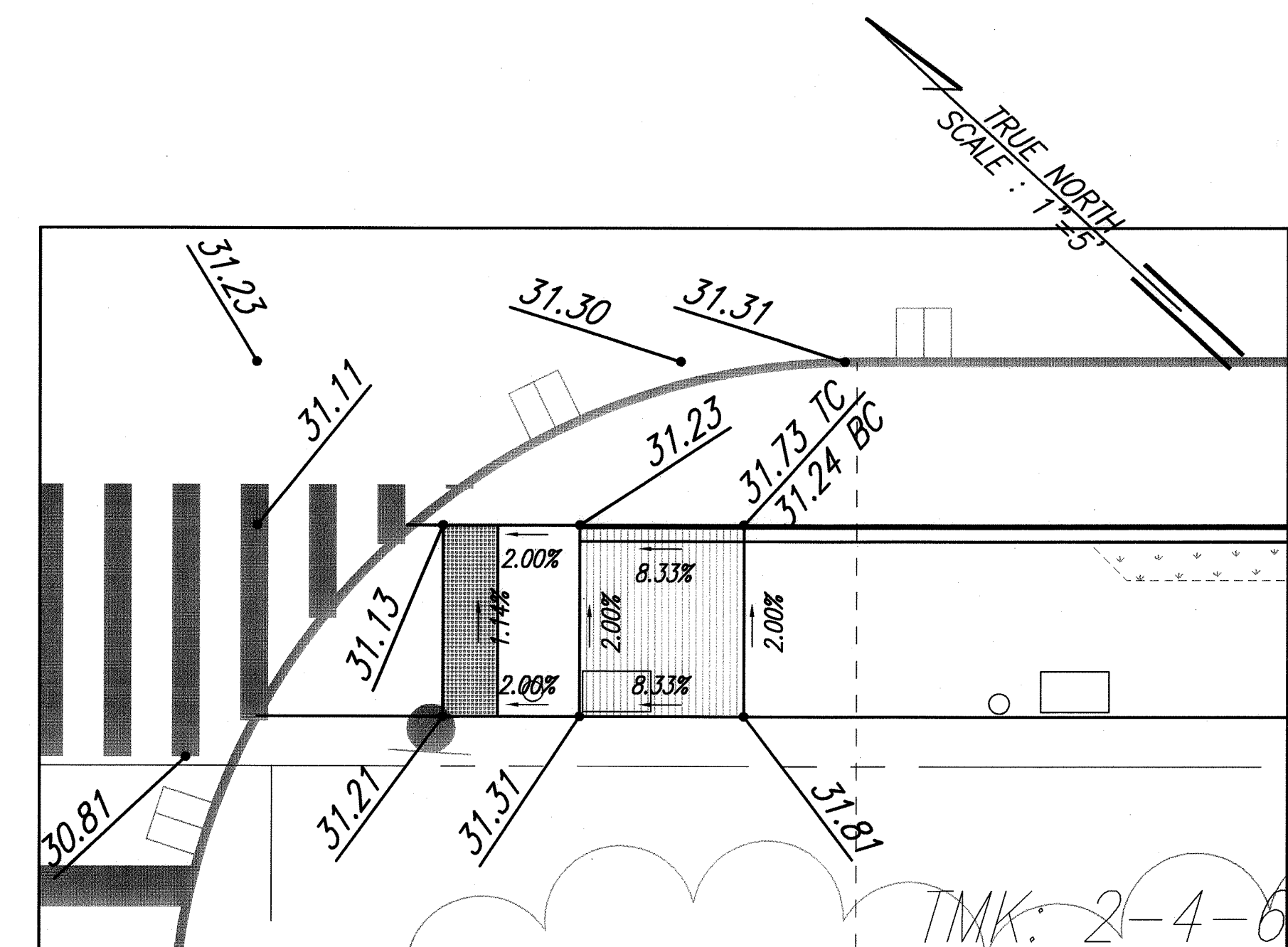
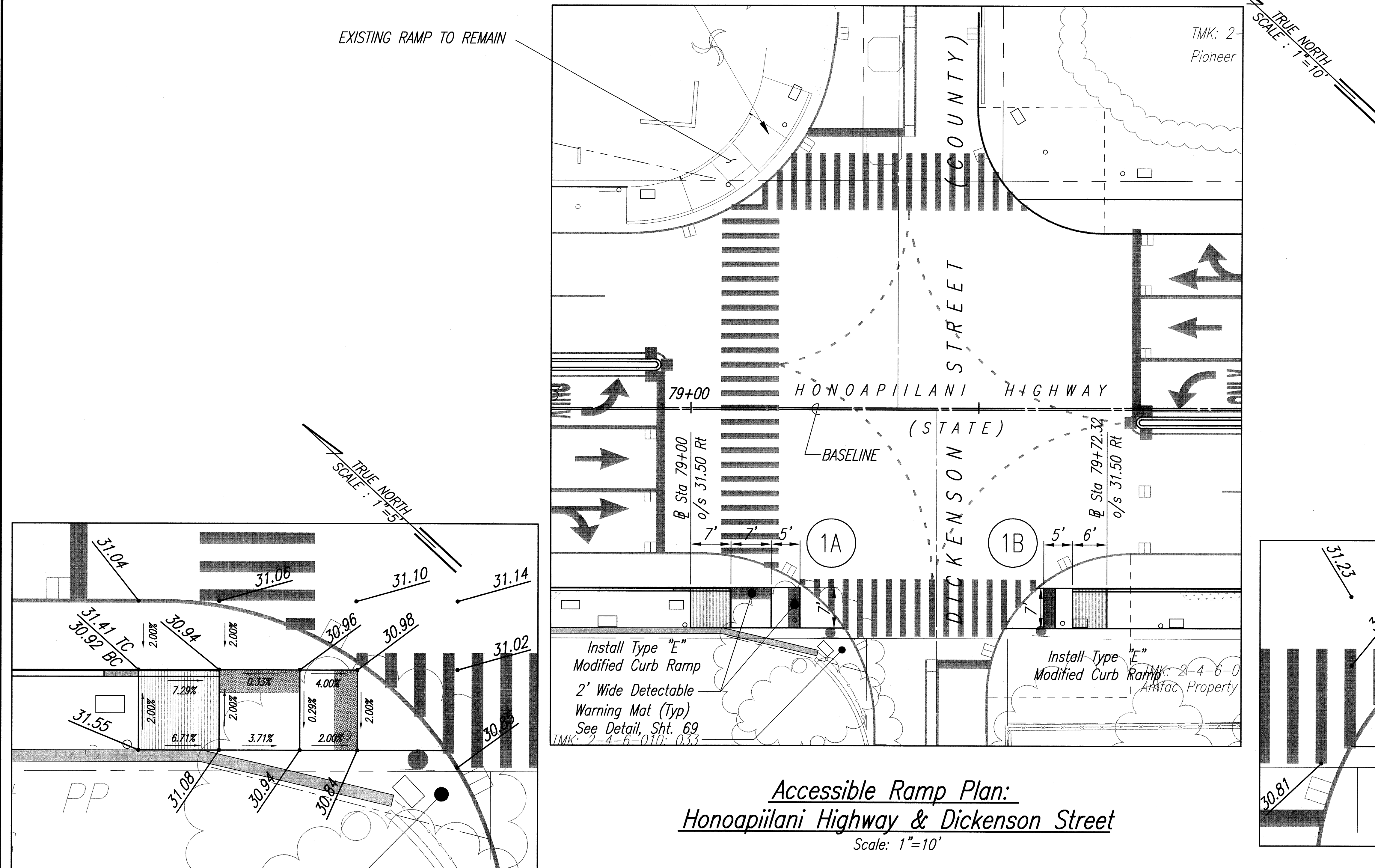
INTERSECTION PLANS - 1

*Honoapiilani Highway Widening
Lahainaluna Road to Aholo Road
Project No. STP-030-1(39)*

Scale: As Shown Date: October 2008

SHEET No. 1 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	37	194



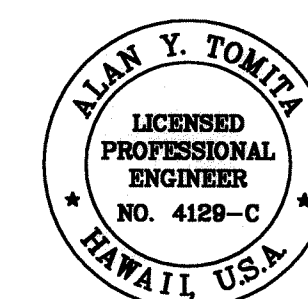
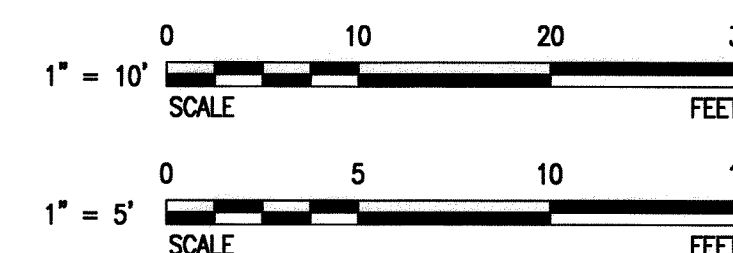
Accessible Ramp Plan:
Honoapiilani Highway & Dickenson Street
Scale: 1"=10'

Ramp (1B)
Scale: 1"=5'

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

LEGEND:

-  *New Retaining Wall and Noise Barrier*
-  *New Noise Barrier*



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Alan Y. Garret

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

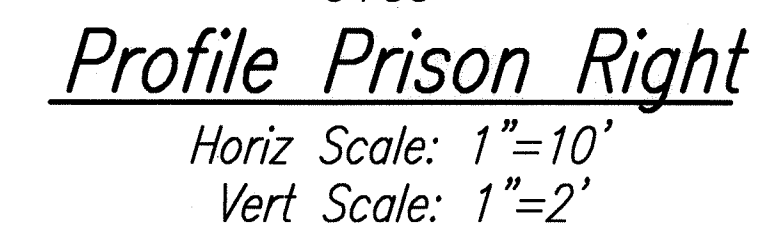
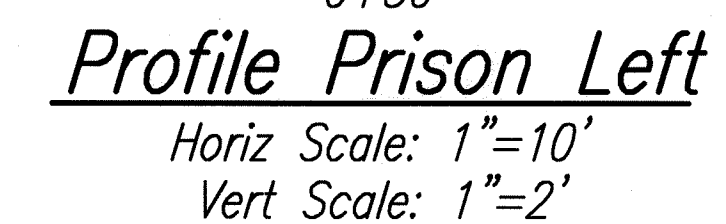
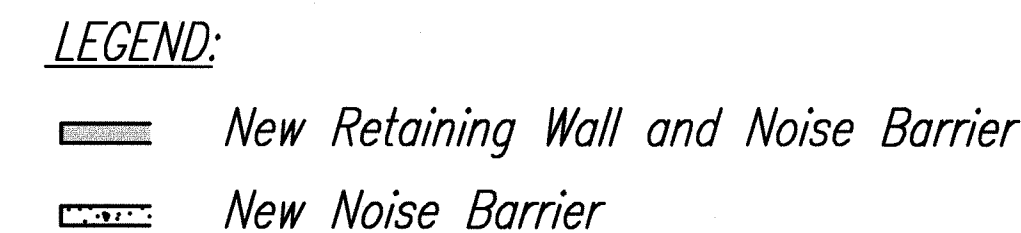
INTERSECTION PLANS - 2

Honoapiilani Highway Widening
Lahainaluna Road to Aholo Road
Project No. STP-030-1(39)

Scale: As Shown Date: October 2008

SHEET No. 2 OF 8 SHEETS

LAST UPDATE: 10-15-2008 @ 05:10 pm
 PLOT DATE: 21-29-2008 @ 11:21 am



V4		V5		V7	
Δ	40°51'20"	Δ	36°32'3"	Δ	34°13'46"
$\frac{\Delta}{2}$	20°25'40"	$\frac{\Delta}{2}$	18°16'2"	$\frac{\Delta}{2}$	17°06'53"
R	1.85	R	3.47	R	2.96
T	0.69	T	1.15	T	0.91
C	1.29	C	2.18	C	1.74
LC	1.32	LC	2.21	LC	1.77

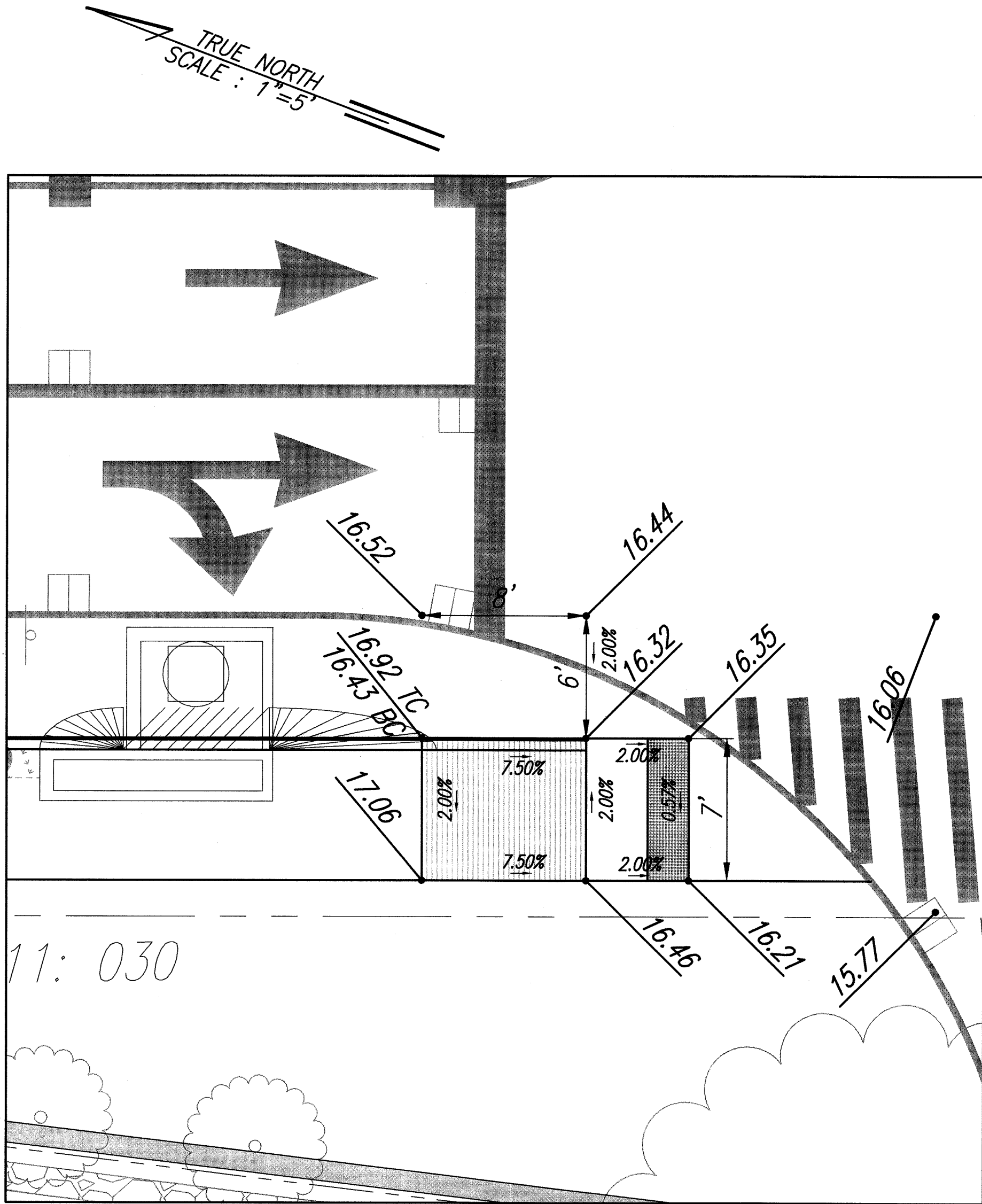


Along Ground

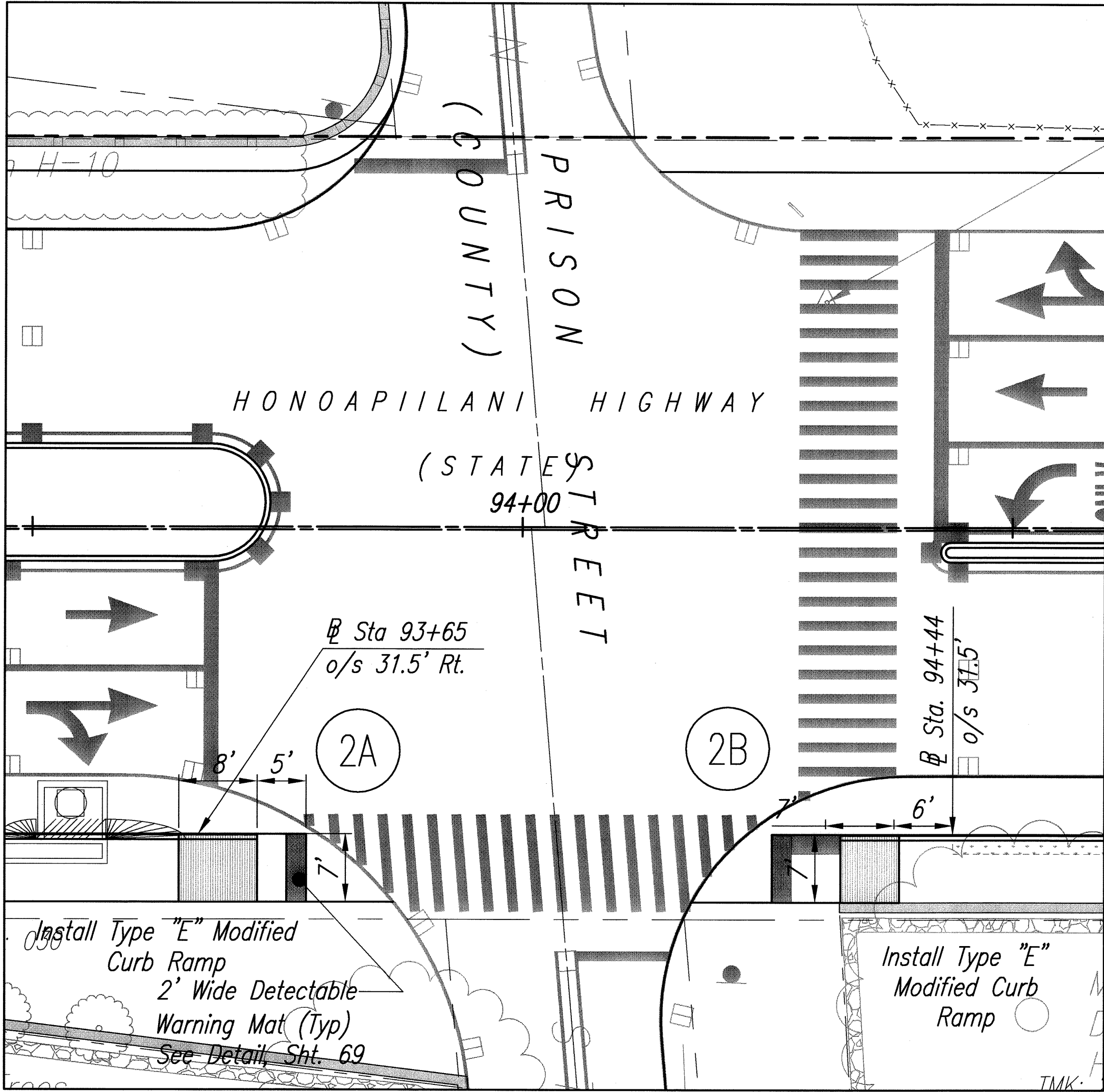
Scale: As Shown Date: October 2008

SHEET No. 3 OF 8 SHEETS

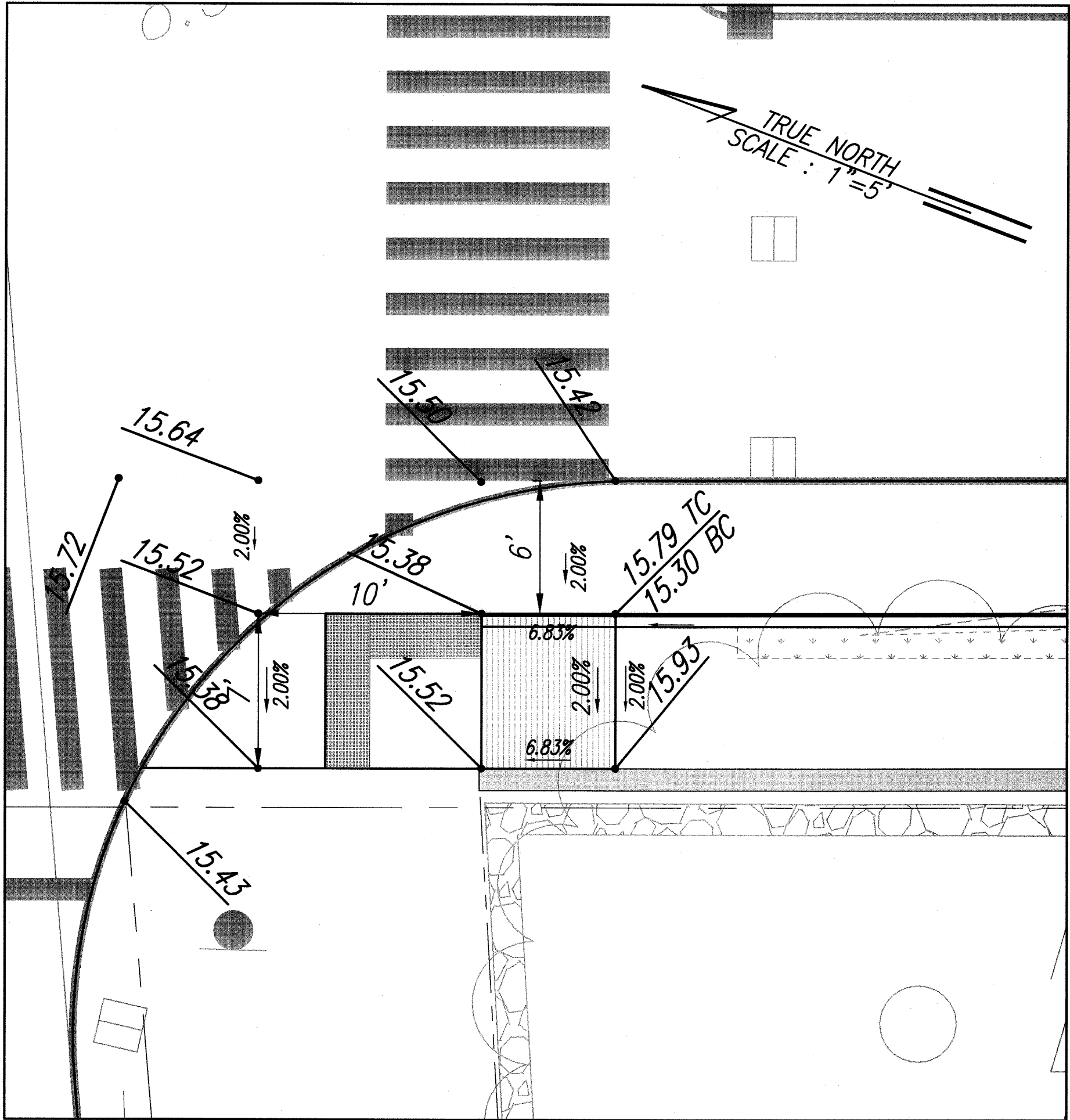
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	39	194



Ramp 2A
Scale: 1"=5'



Accessible Ramp Plan:
Honoapiilani Highway & Prison Street
Scale: 1"=10'

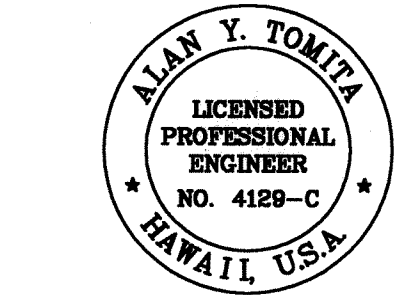
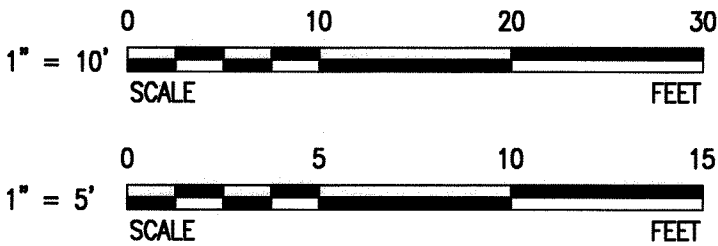


Ramp 2B
Scale: 1"=5'

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
No.	

LEGEND:

- New Retaining Wall and Noise Barrier
- New Noise Barrier



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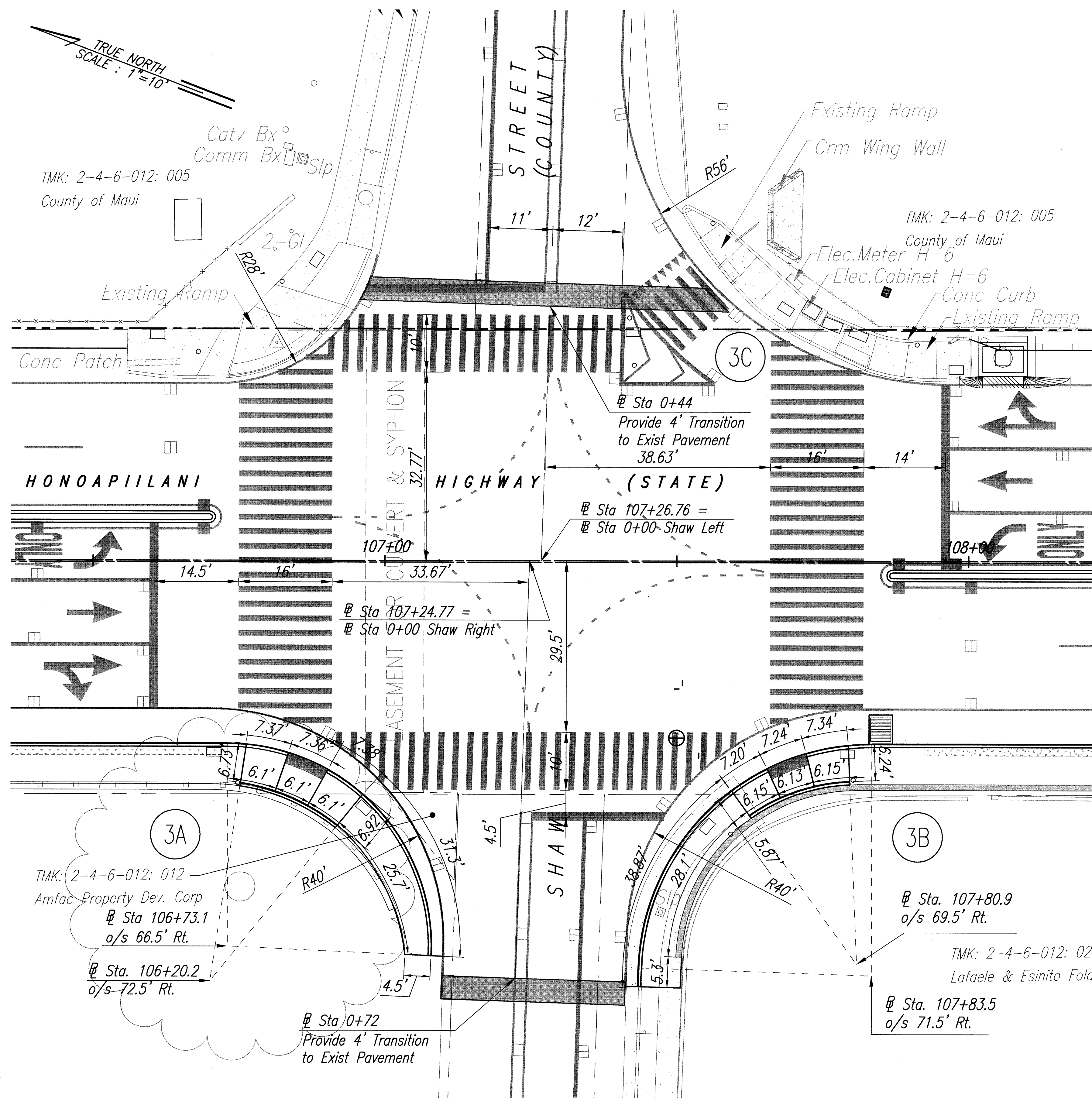
Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION PLANS - 4

Honoapiilani Highway Widening
Lahainaluna Road to Aholo Road
Project No. STP-030-1(39)
Scale: As Shown Date: October 2008
SHEET No. 4 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	40	194

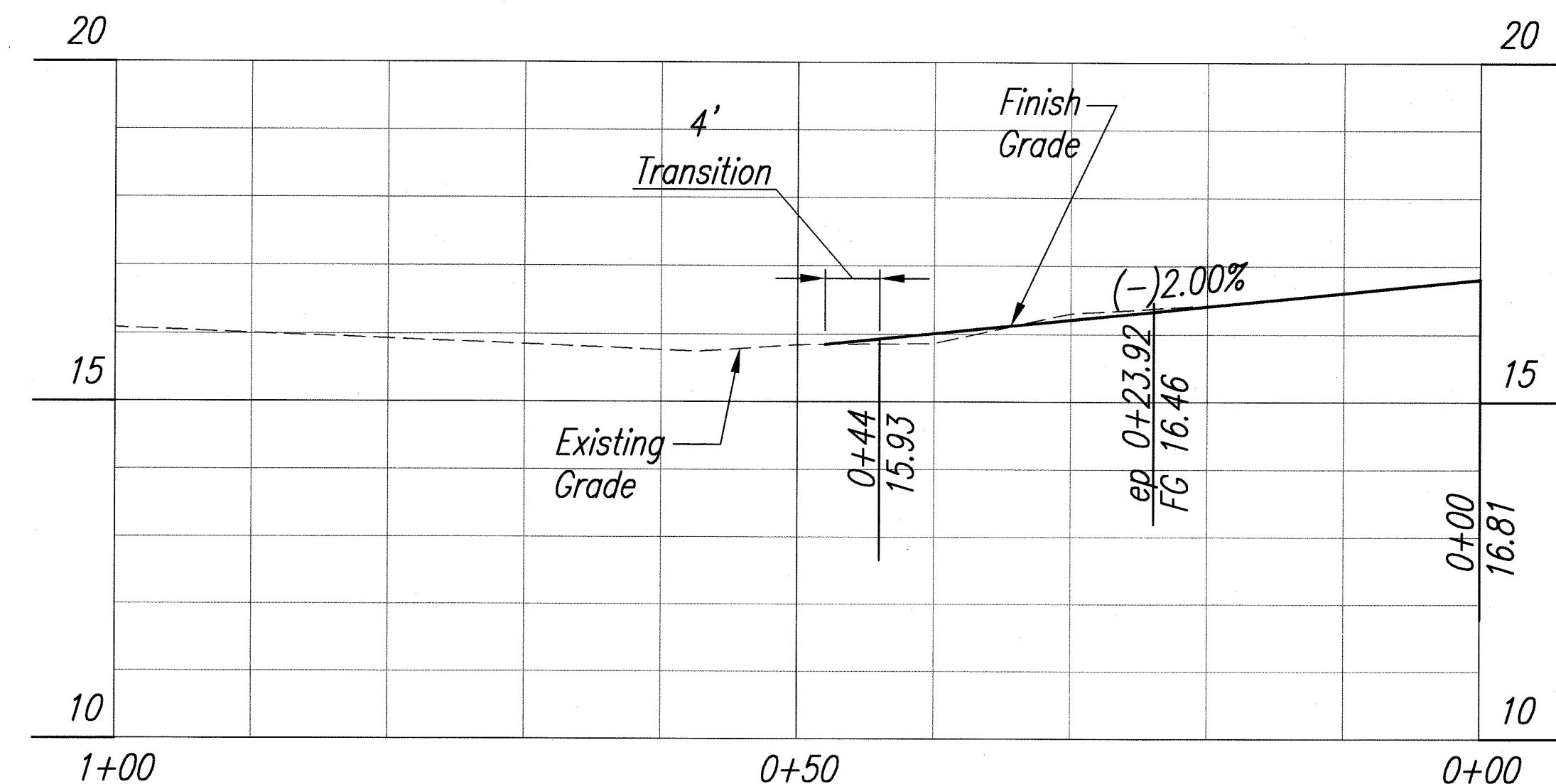
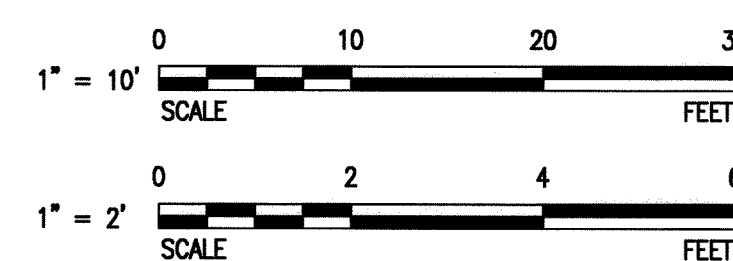


ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

LEGEND:

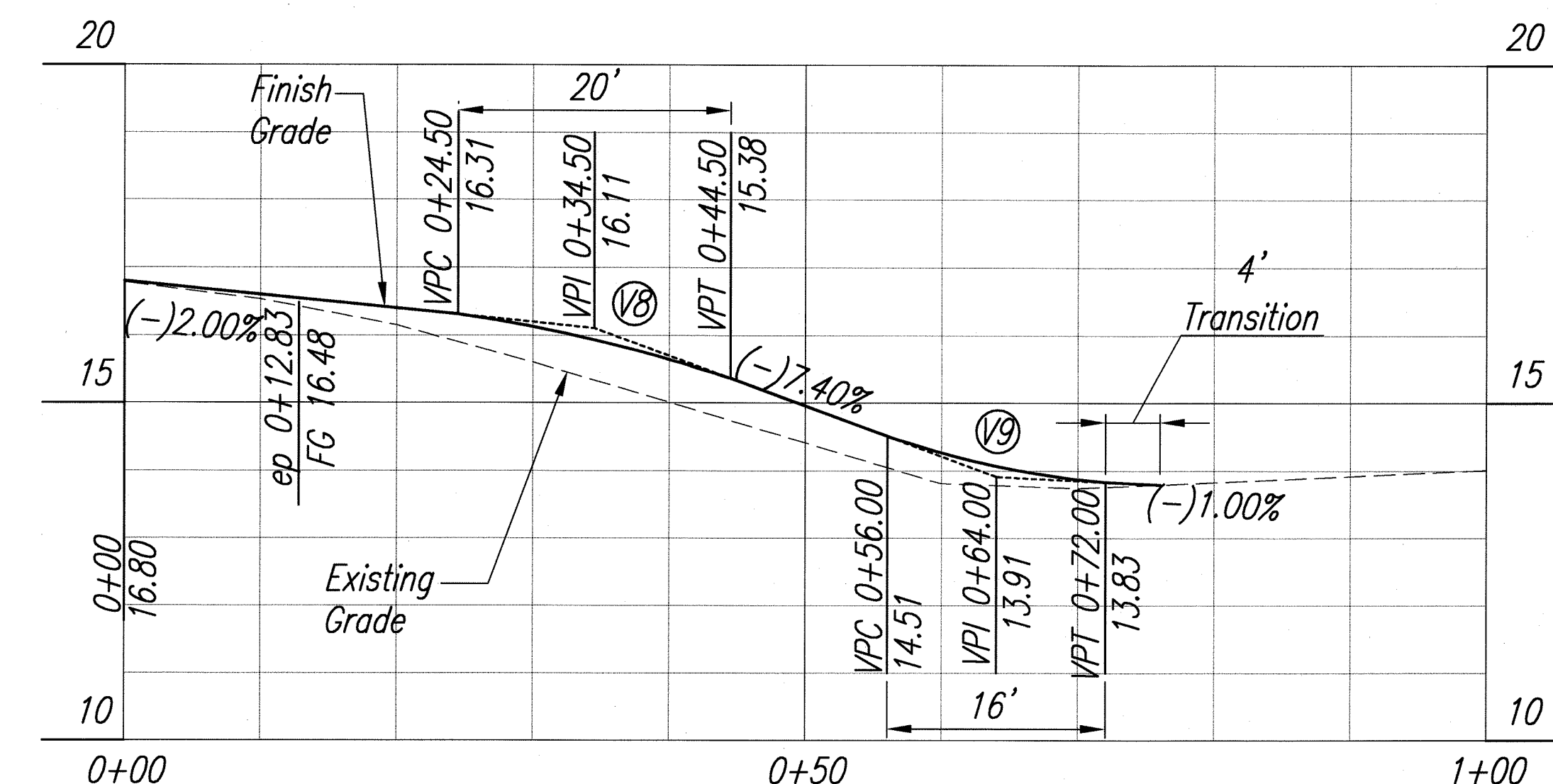
- New Retaining Wall and Noise Barrier
- New Noise Barrier

Intersection Plan 3 - Shaw Street
Scale: 1"=10'



Profile Shaw Left

Horiz Scale: 1"=10'
Vert Scale: 1"=2'

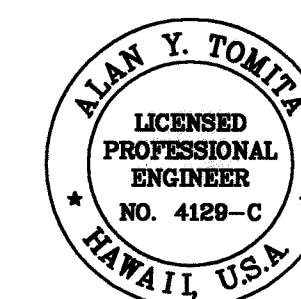


Profile Shaw Right

Horiz Scale: 1"=10'
Vert Scale: 1"=2'

Vertical Curve Data:

	(V8)	(V9)
Δ	10°35'50"	Δ 13°34'45"
Δ/2	5°17'55"	Δ/2 6°47'23"
R	11.11	R 6.92
T	1.03	T 0.82
C	2.05	C 1.64
LC	2.06	LC 1.64



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION PLANS - 5

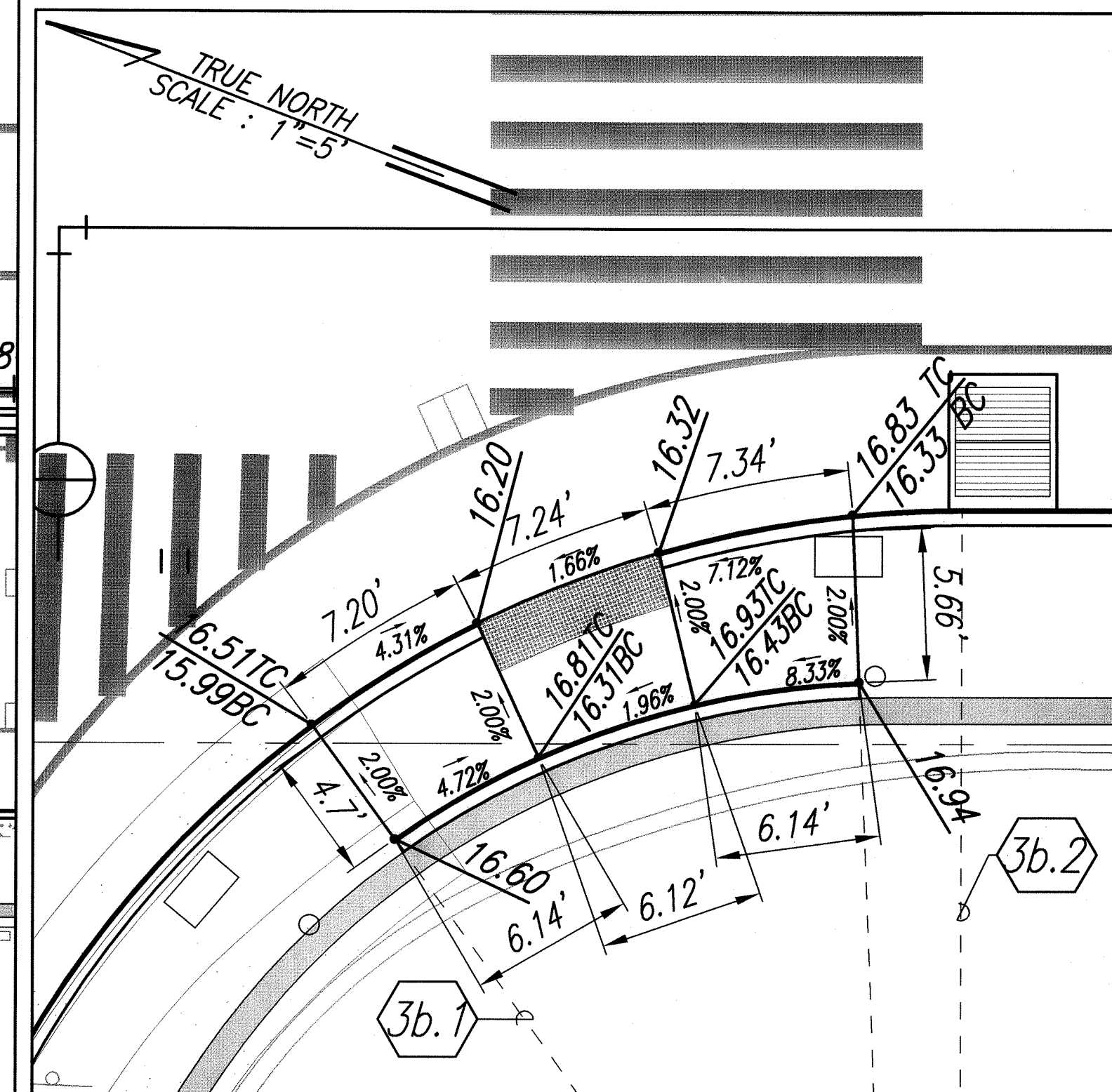
*Honoapiilani Highway Widening
Lahainaluna Road to Aholo Road
Project No. STP-030-1(39)*

Scale: As Shown Date: October 2008
SHEET No. 5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	41	194

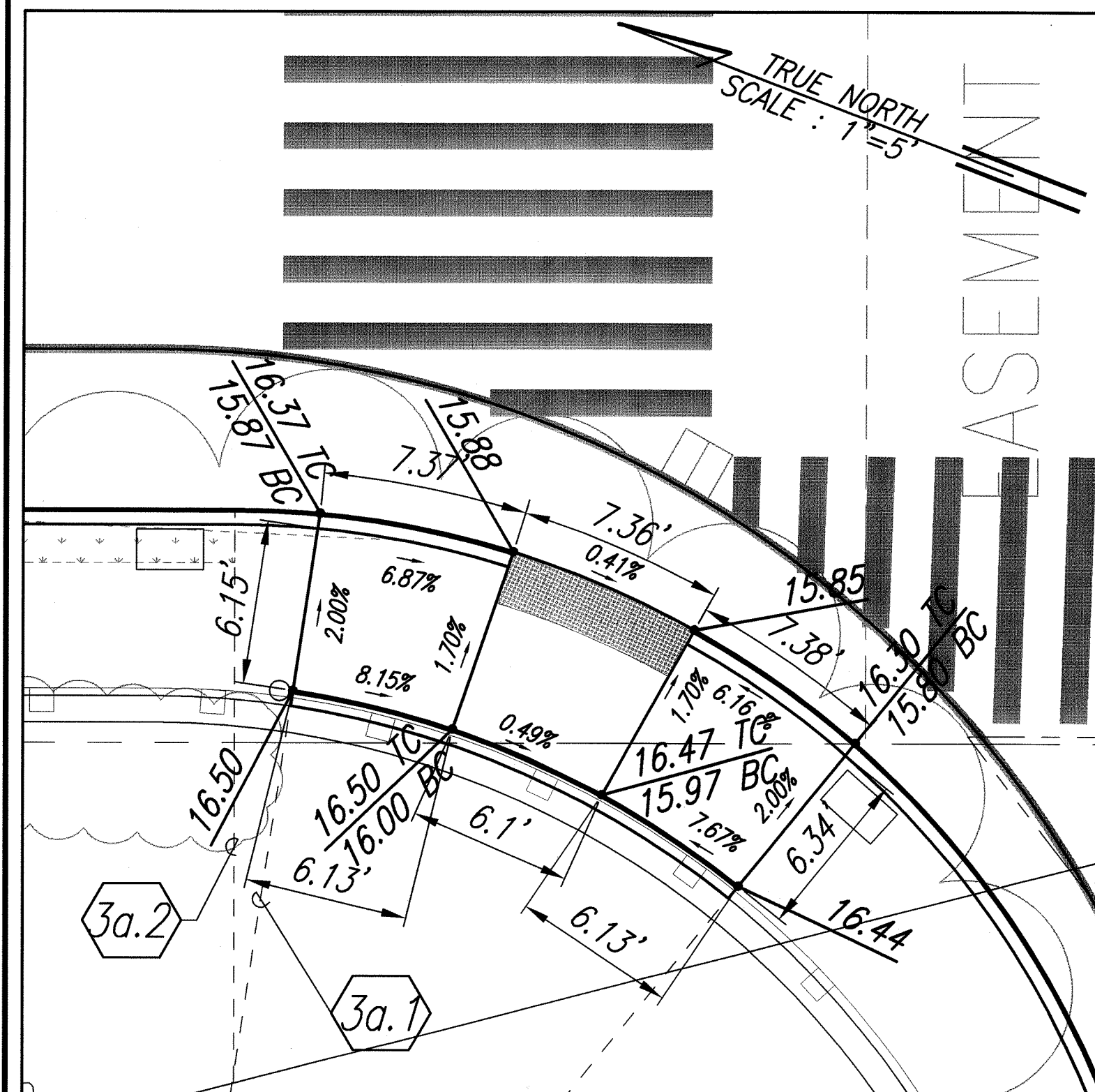
3c
CURB CURVE DATA
Δ = 20°50'39"
R = 61.33'
T = 11.28'
C = 22.19'
Lc = 22.31'

EXISTING RAMPS TO REMAIN



Ramp 3B
Scale: 1"=5'

Accessible Ramp Plan:
Honoapiilani Highway & Shaw Street
Scale: 1"=10'

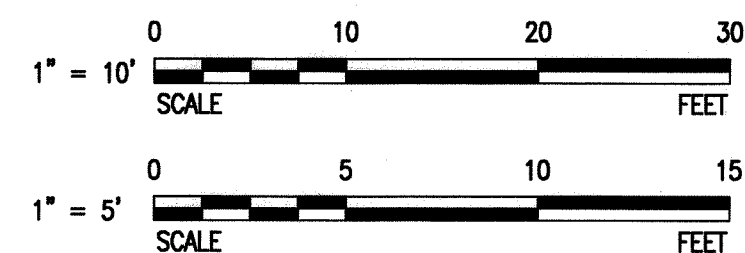


Ramp 3A
Scale: 1"=5'

3a.1
CURB CURVE DATA
Δ = 30°27'12"
R = 34.50'
T = 9.39'
C = 18.12'
Lc = 18.34'

3a.2
CURB CURVE DATA
Δ = 92°36'15"
R = 35.00'
T = 36.63'
C = 50.61'
Lc = 56.57'

LEGEND:
New Retaining Wall and Noise Barrier
New Noise Barrier



ALAN Y. TOMITA
LICENSED PROFESSIONAL ENGINEER
NO. 4128-C
HAWAII, U.S.A.
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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

INTERSECTION PLANS - 6
Honoapiilani Highway Widening
Lahainaluna Road to Aholo Road
Project No. STP-030-1(39)
Scale: As Shown
Date: October 2008
SHEET No. 6 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	43	194

