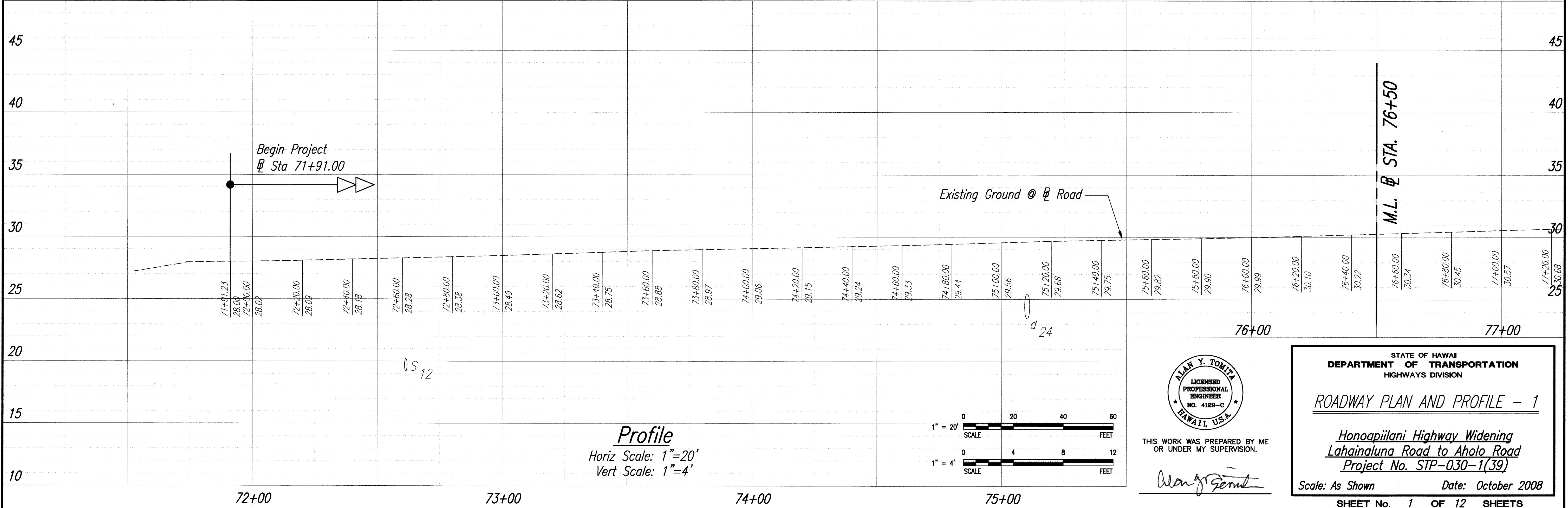
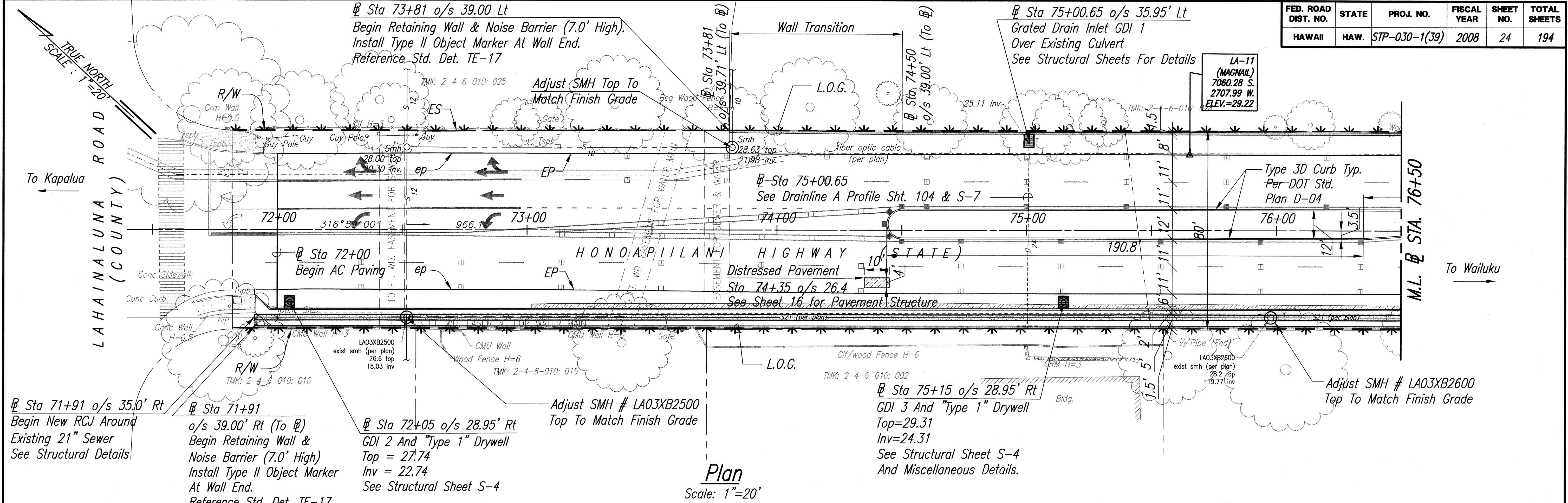
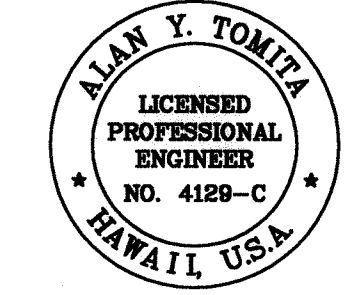


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	24	194



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

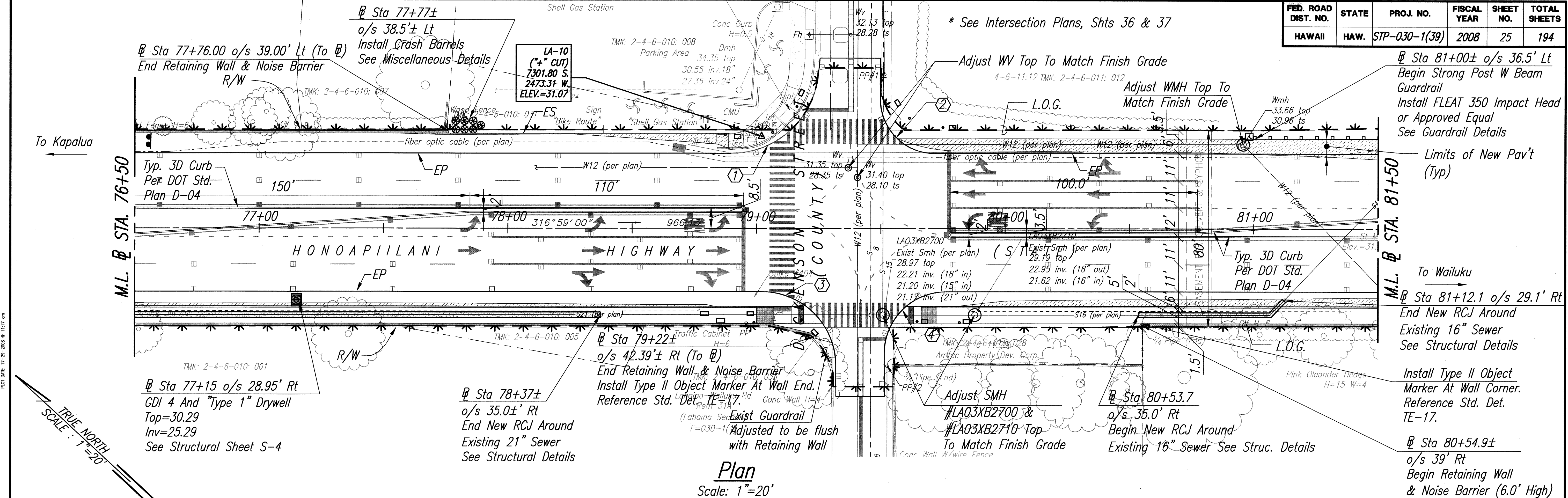
ROADWAY PLAN AND PROFILE - 1

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

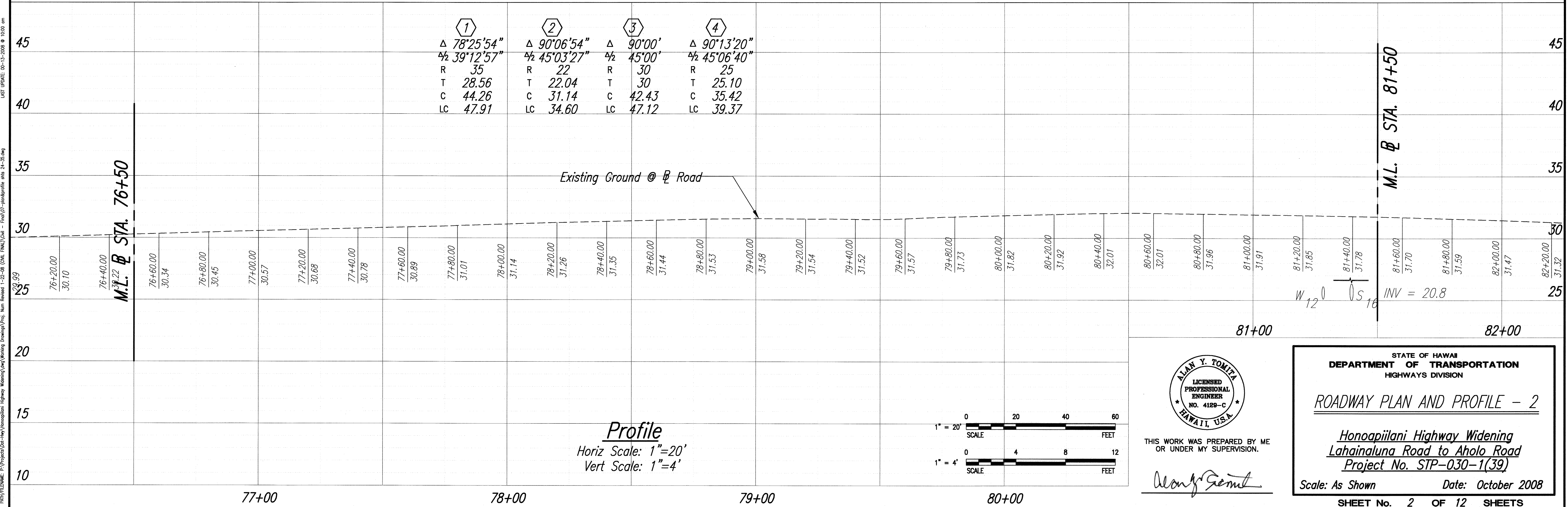
Scale: As Shown Date: October 2008

SHEET No. 1 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	25	194



Plan
Scale: 1"=20'



Profile
Horiz Scale: 1"=20'
Vert Scale: 1"=4'

ALAN Y. TOMITA
LICENSED PROFESSIONAL ENGINEER
NO. 4129-C
HAWAII, U.S.A.

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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN AND PROFILE - 2

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

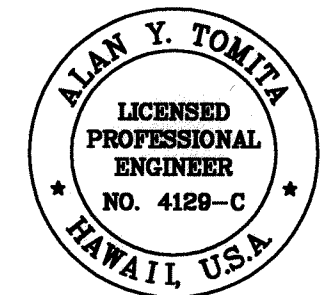
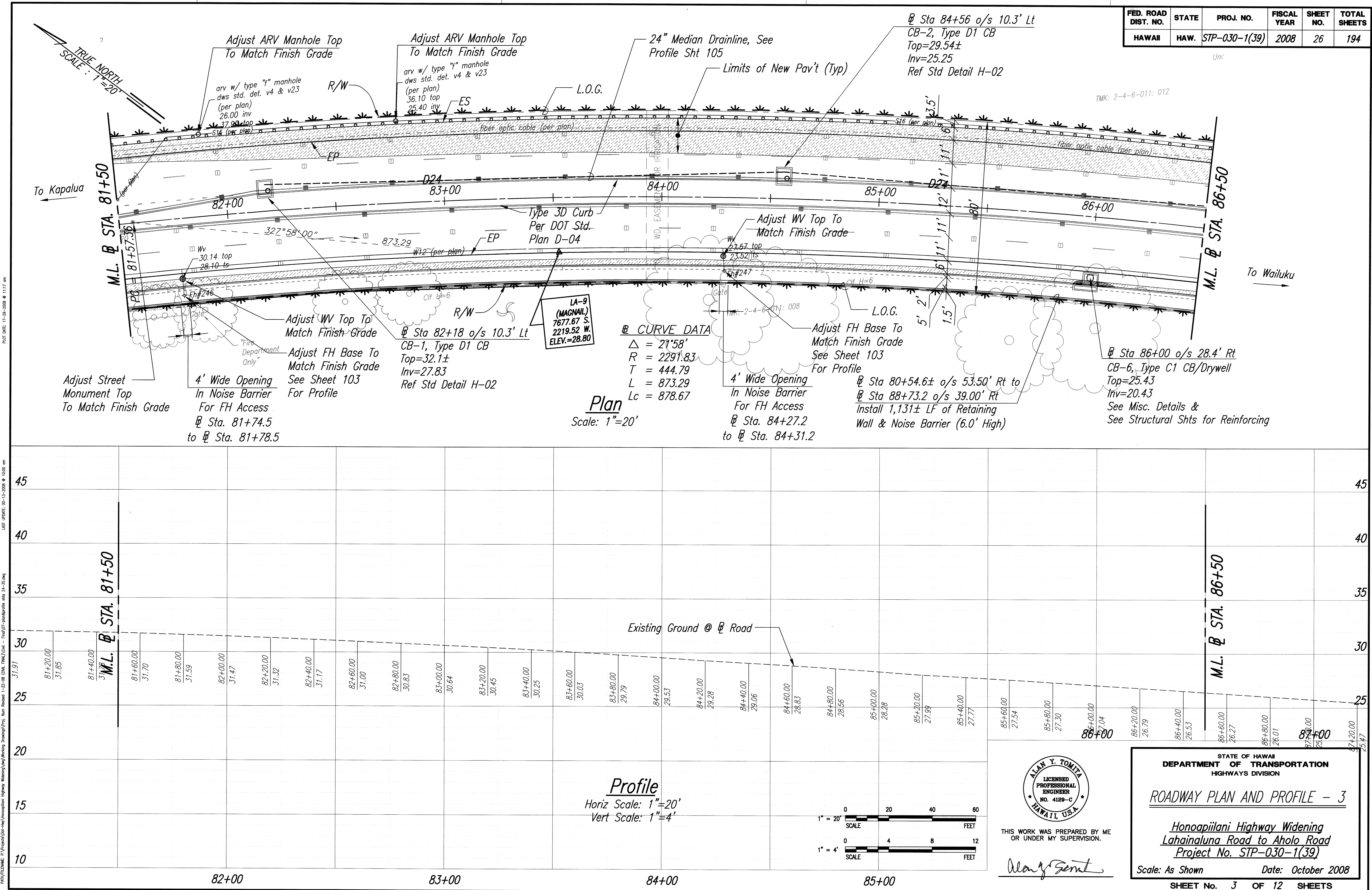
Scale: As Shown Date: October 2008

SHEET No. 2 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	26	194

PLOT DATE: 12-29-2008 @ 11:17 am
 LAST UPDATE: 08-15-2008 @ 10:00 am
 PLOT/UPDATE: 08-15-2008 @ 10:00 am
 PLOT/UPDATE: 08-15-2008 @ 10:00 am

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

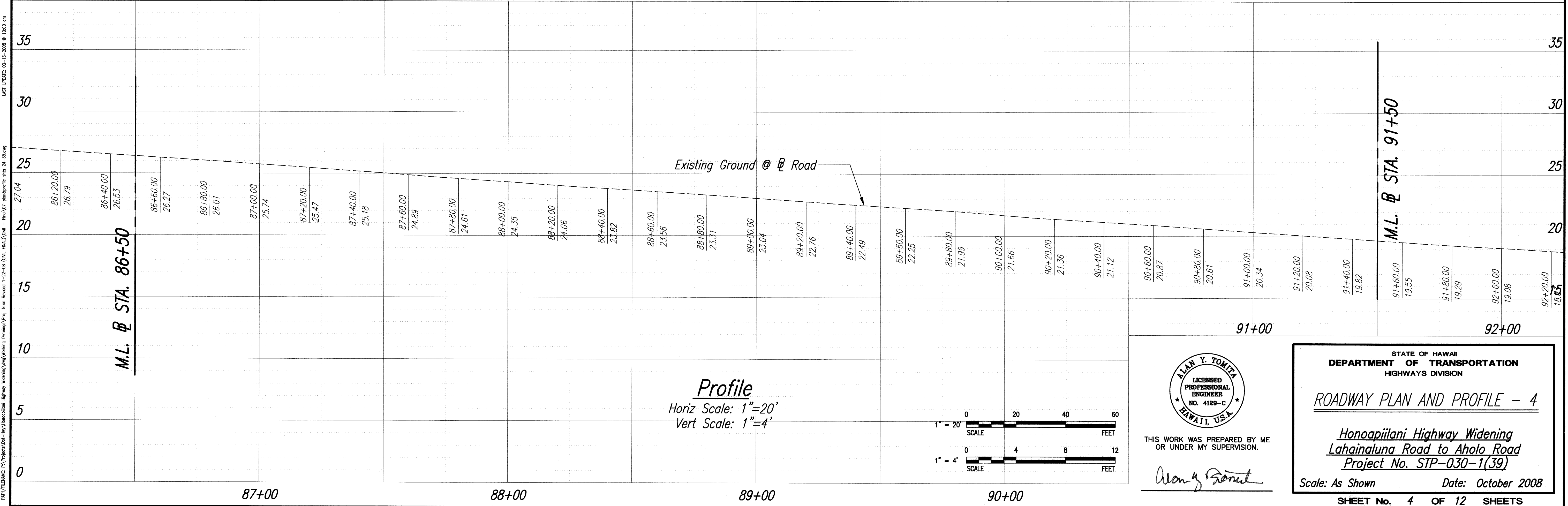
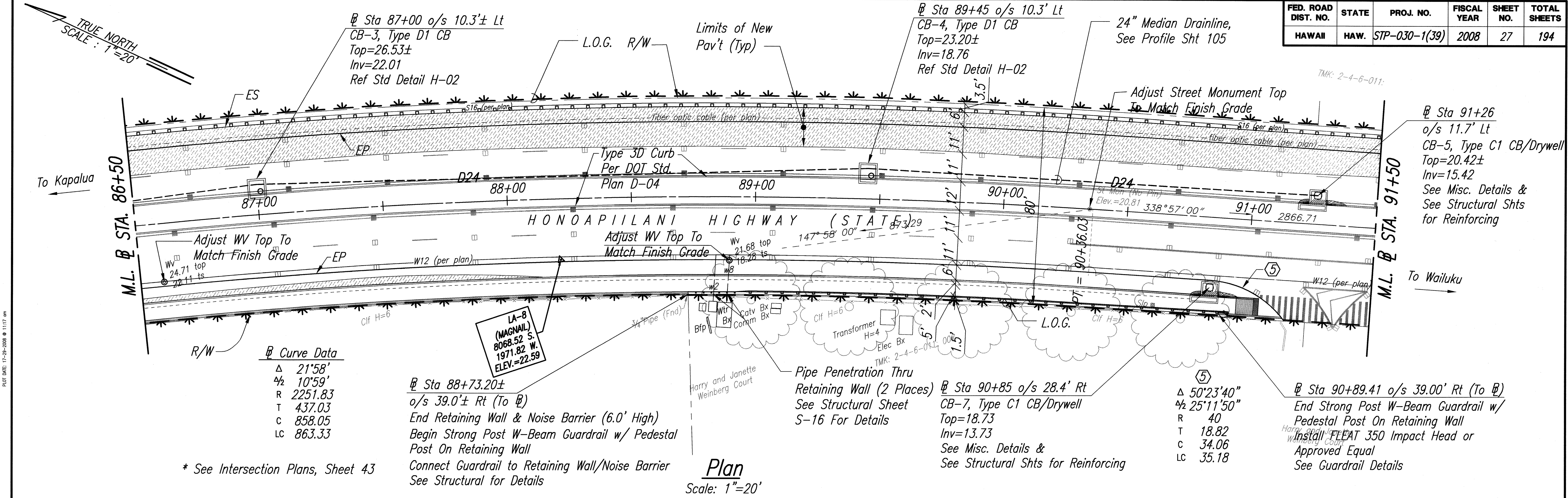


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Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
ROADWAY PLAN AND PROFILE - 3
 Honoapiilani Highway Widening
 Lahainaluna Road to Aholo Road
 Project No. STP-030-1(39)
 Scale: As Shown Date: October 2008
 SHEET No. 3 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	27	194



ORIGINAL PLAN	DATE
DESIGNED BY	DATE
TRACED BY	DATE
QUANTITIES BY	DATE
CHECKED BY	DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN AND PROFILE - 4

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

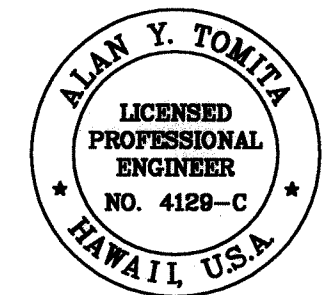
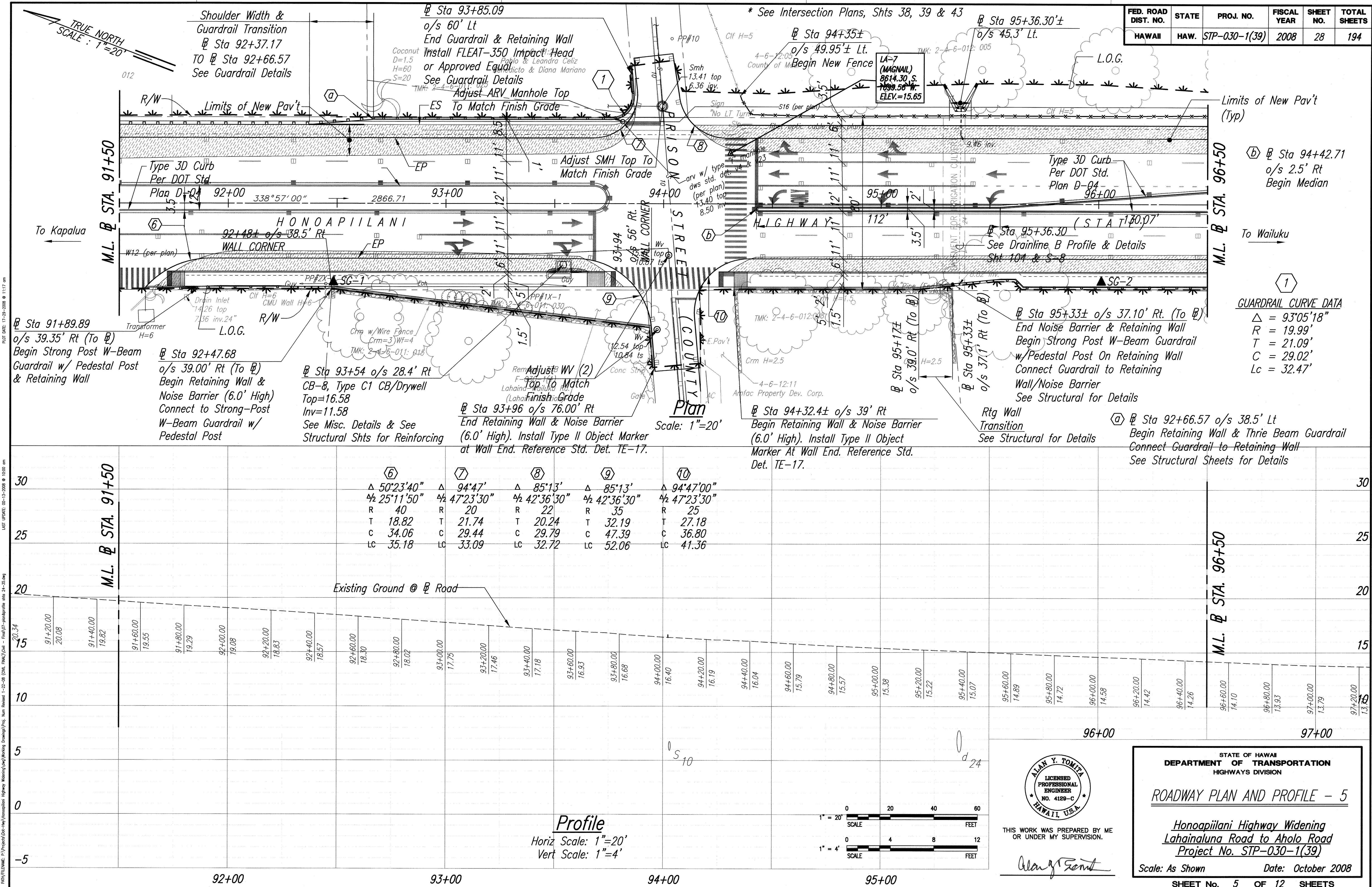
Scale: As Shown Date: October 2008

SHEET No. 4 OF 12 SHEETS

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Alan Y. Tomita

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	28	194



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Alan Y. Tomita

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

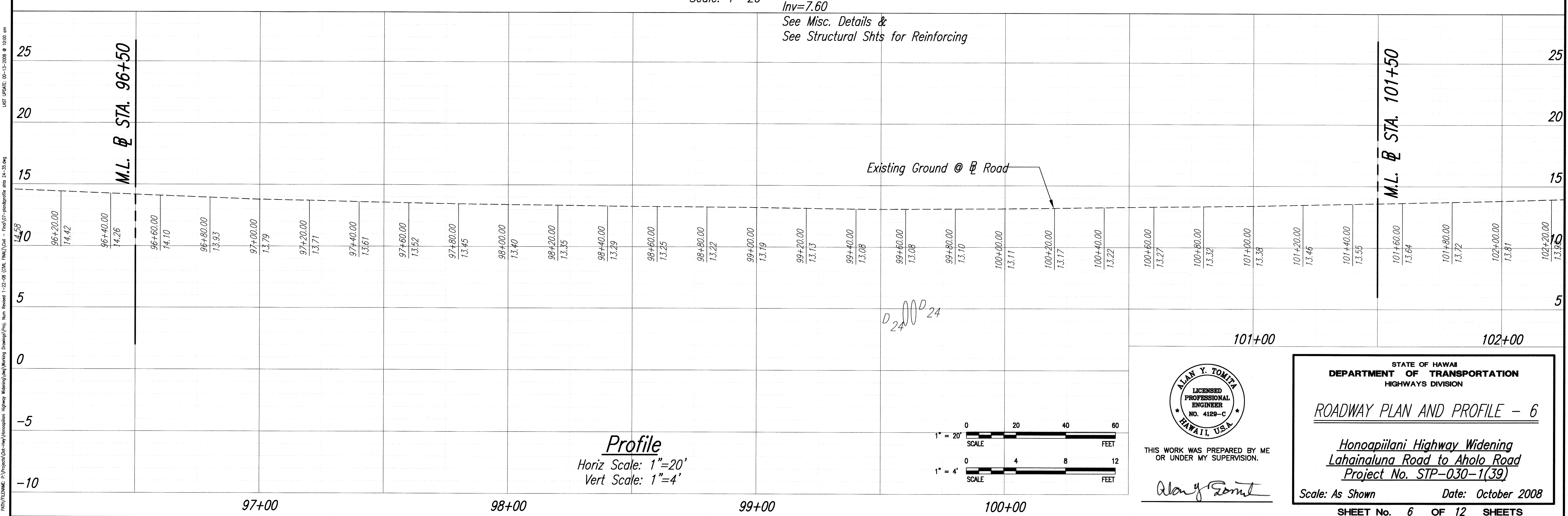
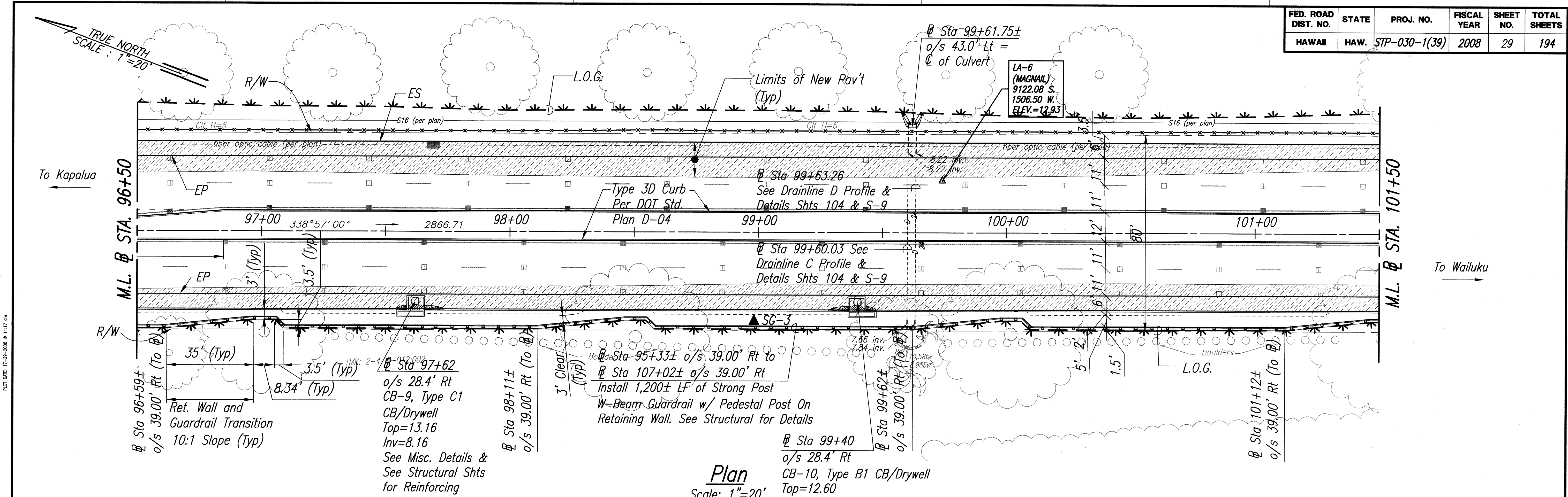
ROADWAY PLAN AND PROFILE - 5

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

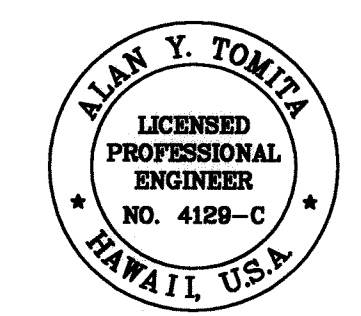
Scale: As Shown Date: October 2008

SHEET No. 5 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	29	194



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



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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

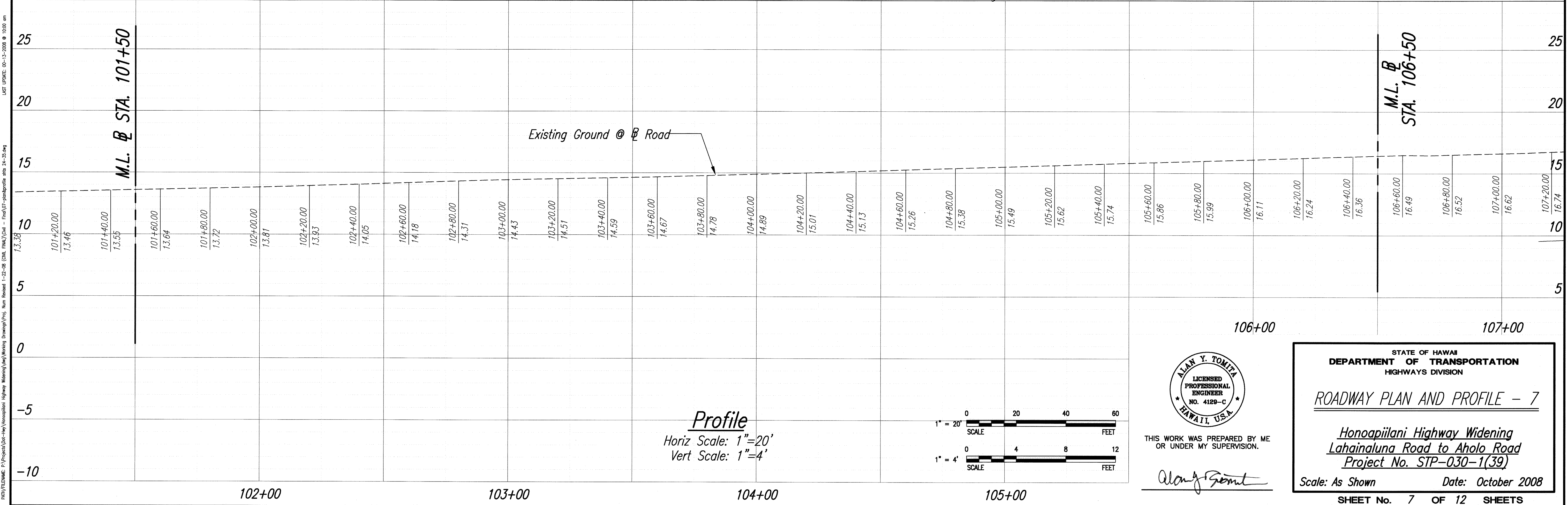
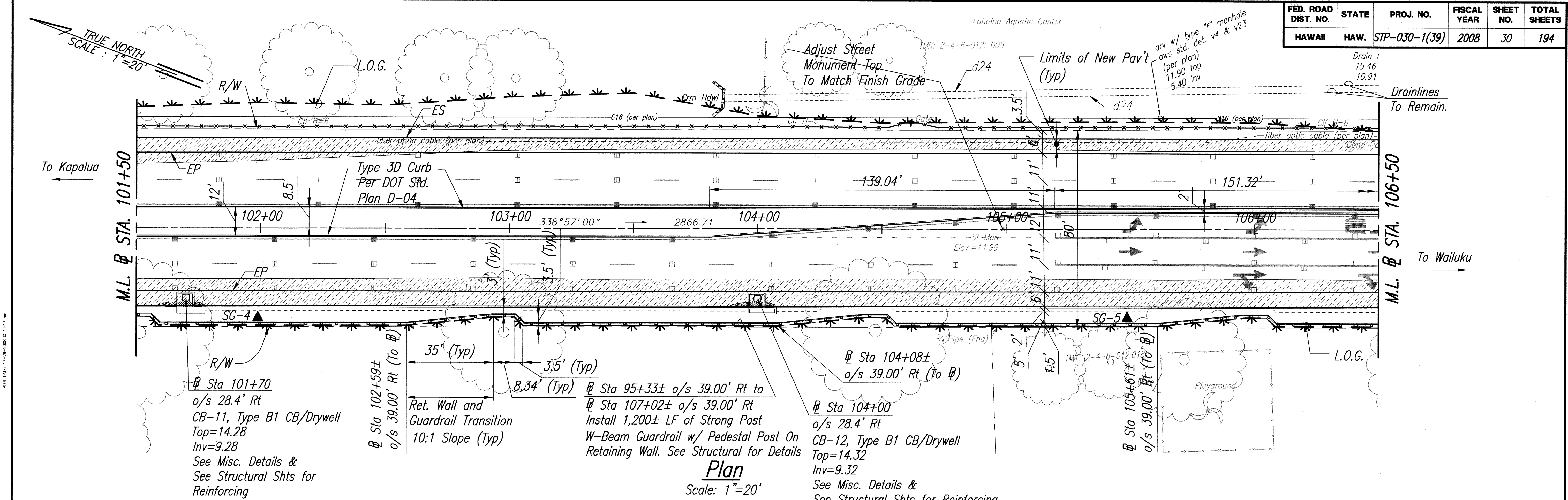
ROADWAY PLAN AND PROFILE - 6

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

Scale: As Shown Date: October 2008

SHEET No. 6 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	30	194



DATE	BY
DESIGNED BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	



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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

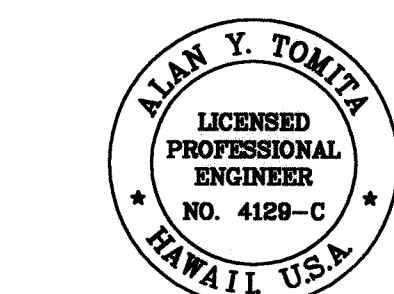
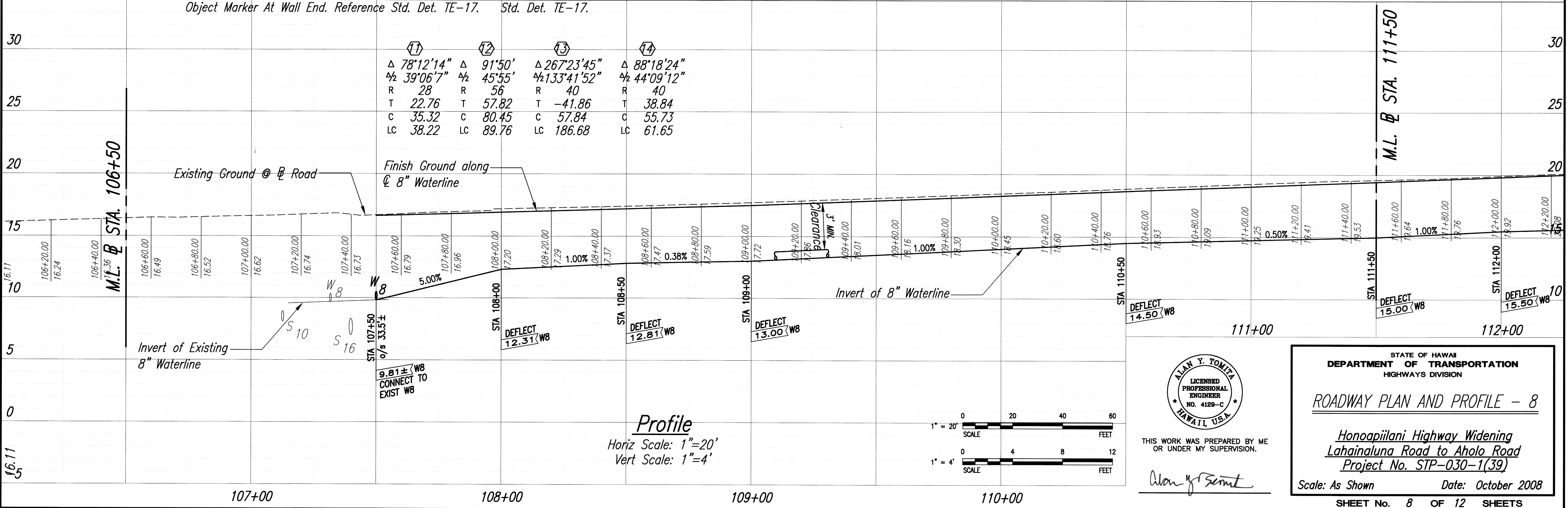
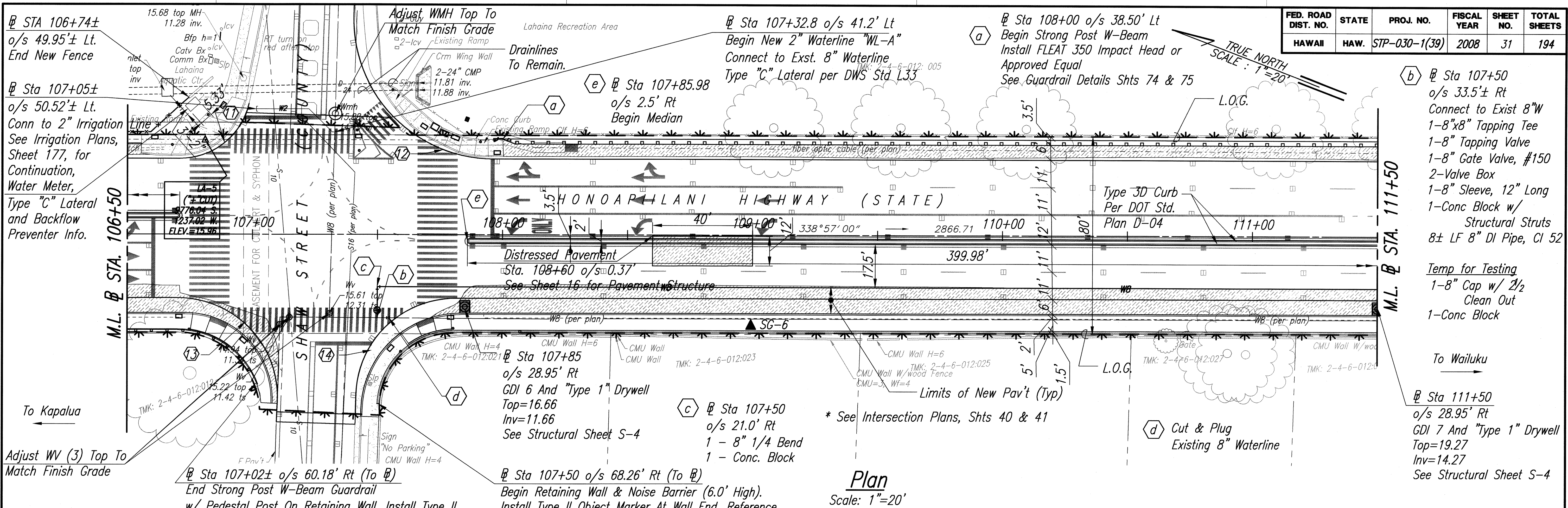
ROADWAY PLAN AND PROFILE - 7

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

Scale: As Shown Date: October 2008

SHEET No. 7 OF 12 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	31	194



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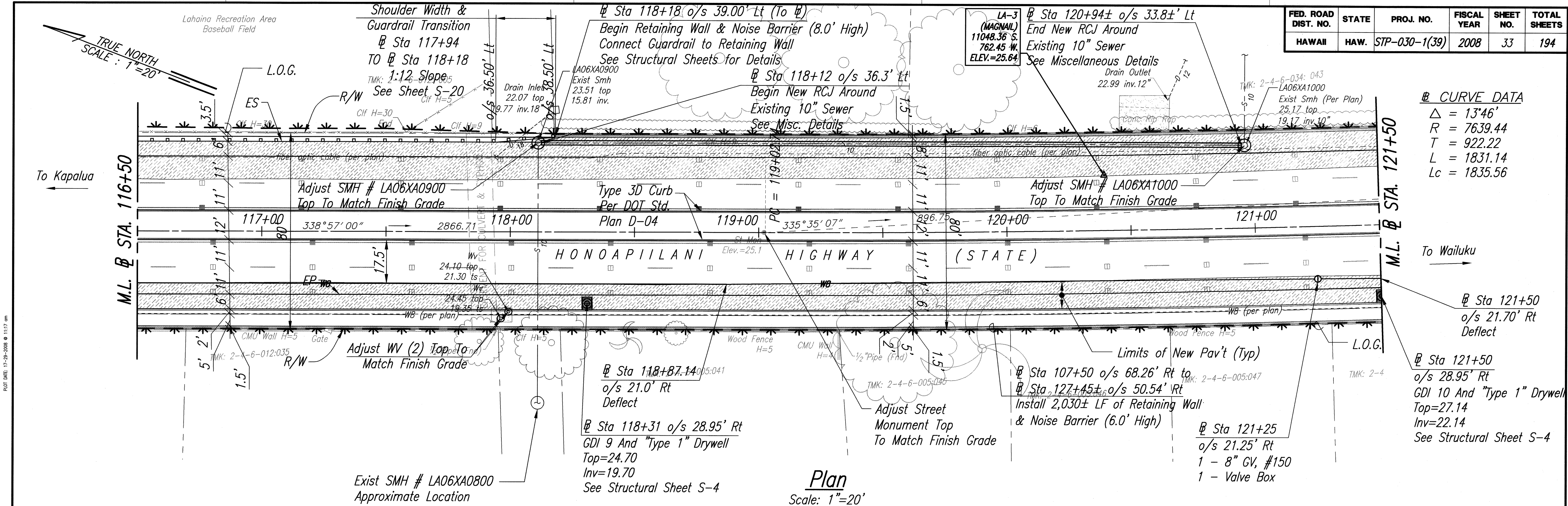
Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN AND PROFILE - 8

Honoapiilani Highway Widening
Lahainaluna Road to Aholo Road
Project No. STP-030-1(39)
Scale: As Shown Date: October 2008
SHEET No. 8 OF 12 SHEETS

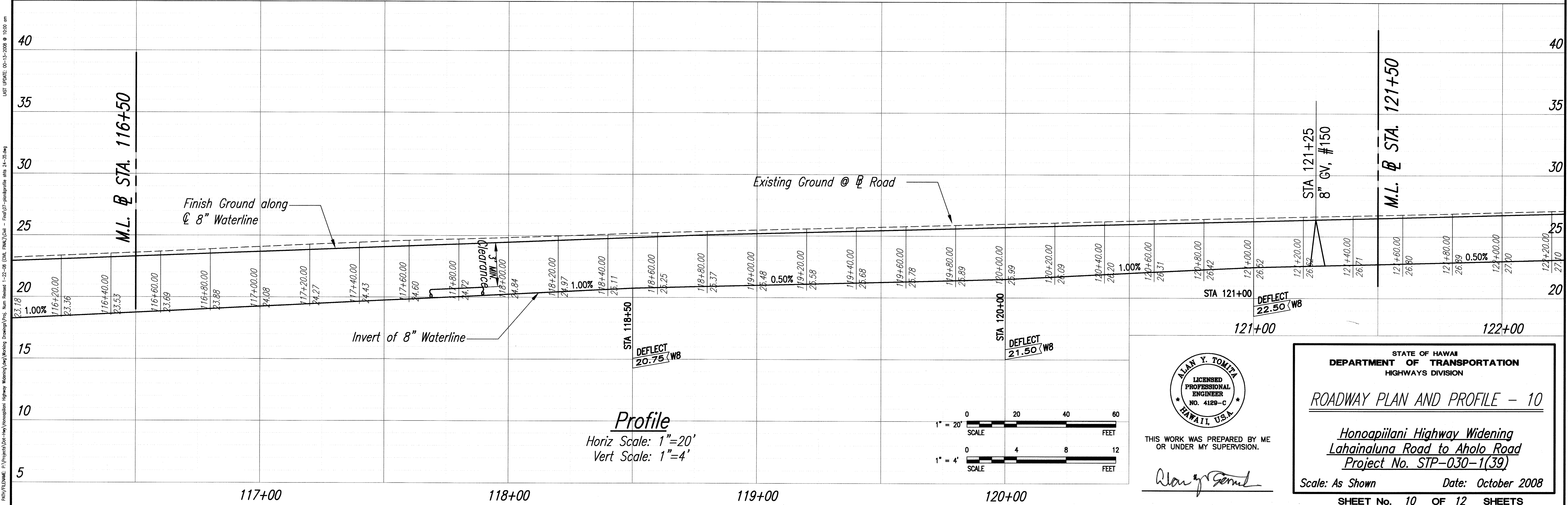
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	33	194



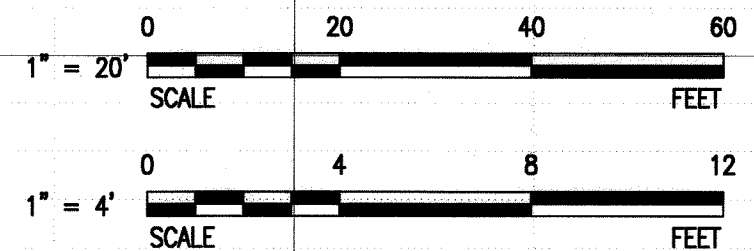
CURVE DATA

Δ	= 13°46'
R	= 7639.44
T	= 922.22
L	= 1831.14
Lc	= 1835.56

Plan
Scale: 1"=20'



Profile
Horiz Scale: 1"=20'
Vert Scale: 1"=4'



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

ROADWAY PLAN AND PROFILE - 10

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

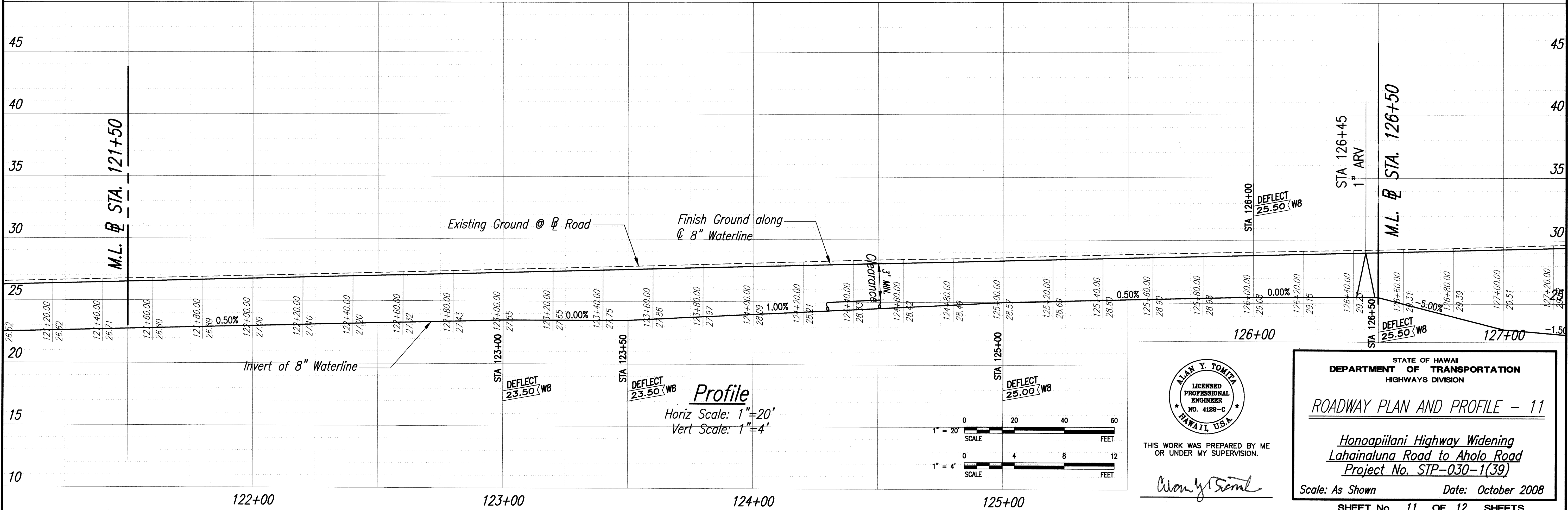
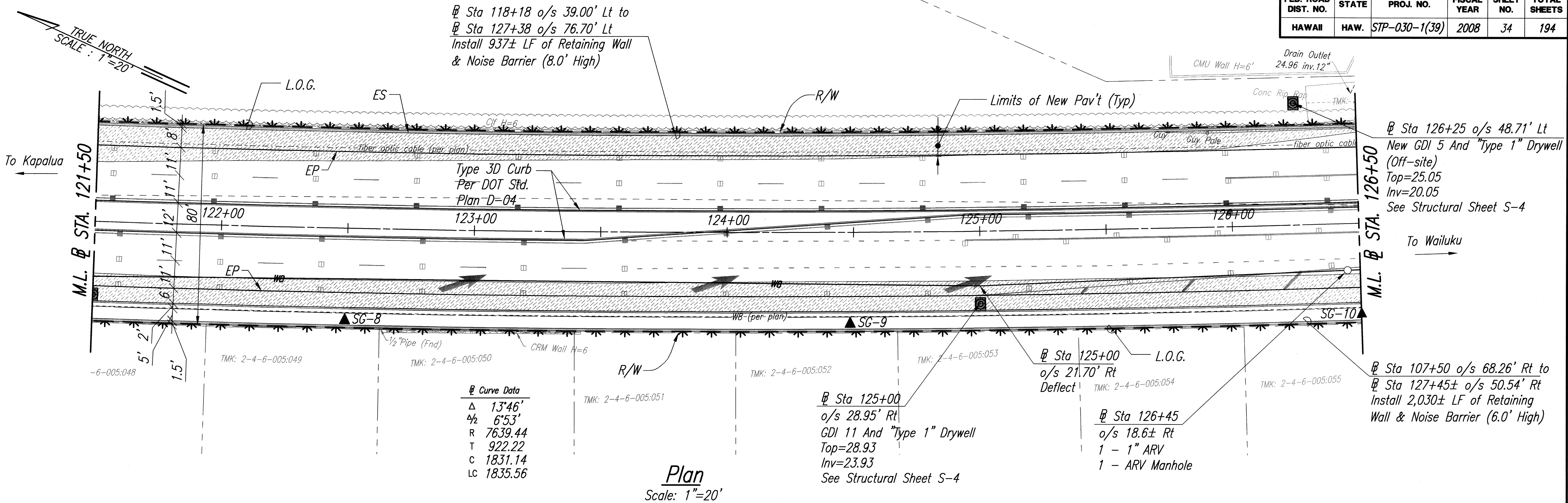
Scale: As Shown Date: October 2008

SHEET No. 10 OF 12 SHEETS

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

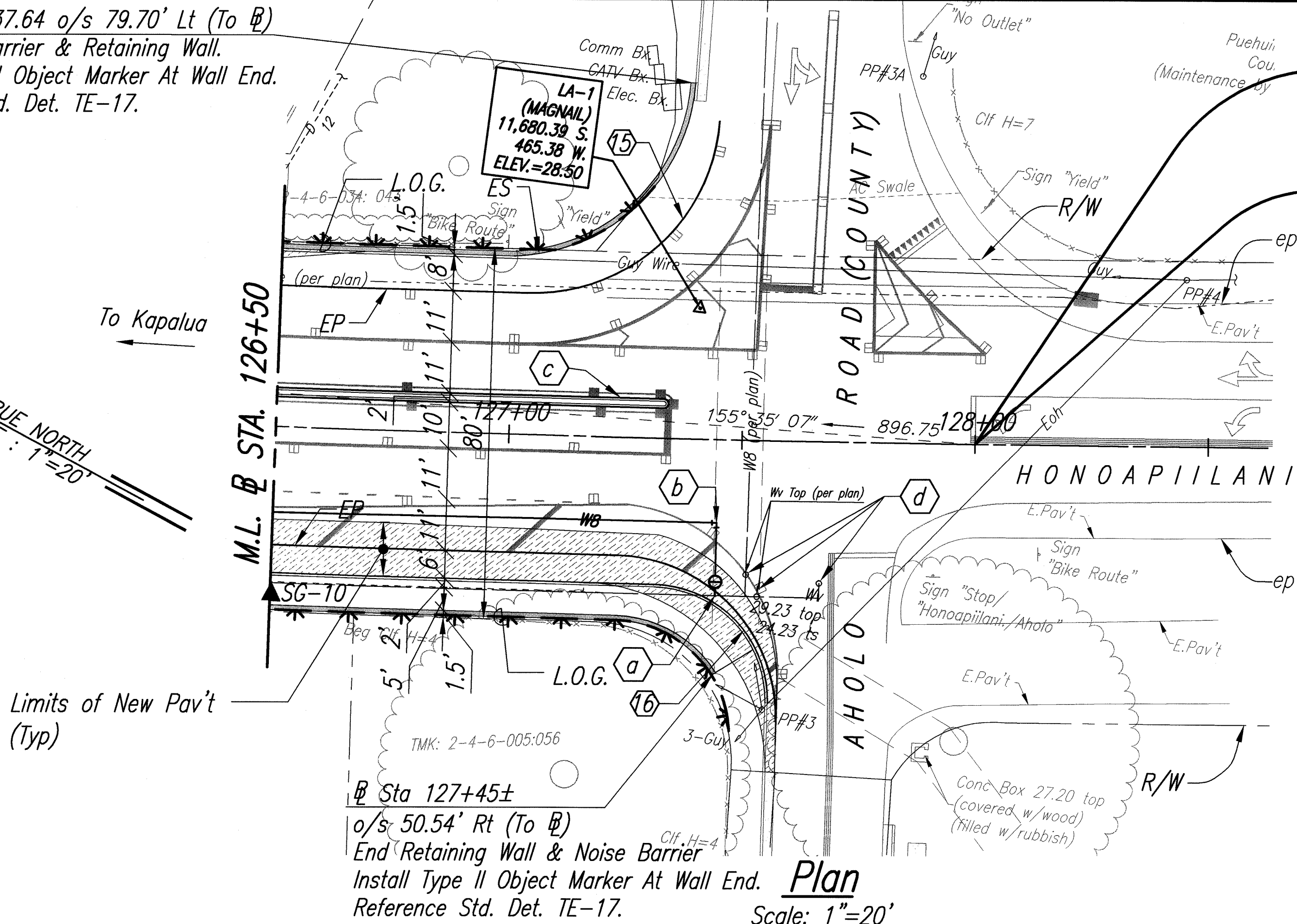
PLOT DATE: 12-29-2008 @ 11:17 am
LAST UPDATE: 01-15-2008 @ 10:59 am
PROJECT: P:\Projects\030-1(39)\Honopiilani Highway Widening\Drawings\Plan - final\07-planprofile.dwg 21-35.dwg

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	34	194



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-030-1(39)	2008	35	194

@ Sta 127+37.64 o/s 79.70' Lt (To @)
 End Noise Barrier & Retaining Wall.
 Install Type II Object Marker At Wall End.
 Reference Std. Det. TE-17.



END PROJECT
 Honoapiilani Highway
 @ Sta. 128+00

15	16
Δ 87°32'35"	Δ 90°00'00"
$\frac{1}{2}$ 43°46'17"	$\frac{1}{2}$ 45°00'00"
R 40	R 25
T 38.32	T 25.00
C 55.34	C 35.36
LC 61.12	LC 39.27

(c) Type 3D Curb
 Per DOT Std.
 Plan D-04

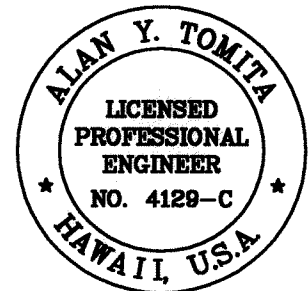
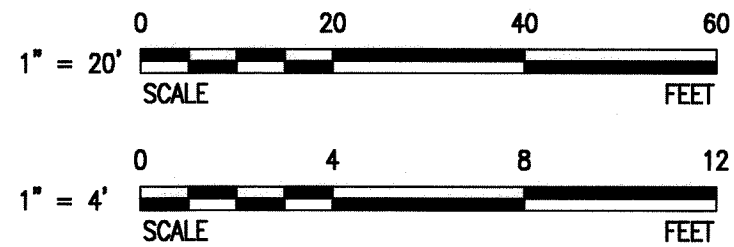
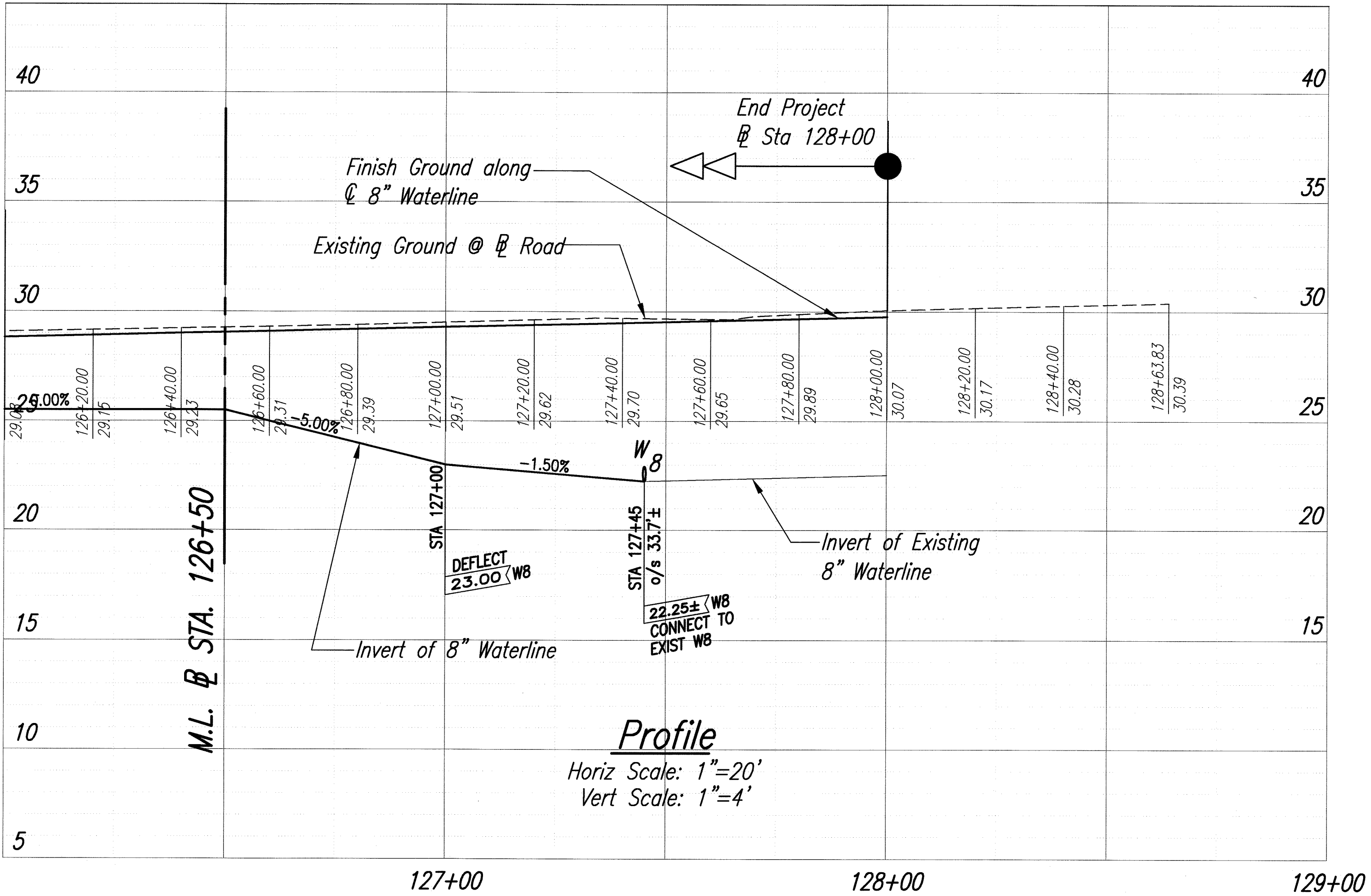
* See Intersection Plans, Sht 42

(b) @ Sta 127+45
 o/s 18.0' Rt
 1 - 8" 1/4 Bend
 1 - Conc. Block

(a) @ Sta 127+45
 o/s 33.7'± Rt
 Connect to Exist 8"W
 1-8"x8" Tapping Tee
 1-8" Tapping Valve
 1-8" Gate Valve, #150
 2-Valve Box
 1-8" Sleeve, 12" Long
 1-Conc Block w/ Structural Struts
 8± LF 8" DI Pipe, CI 52

(d) Adjust WV (3)
 Top To Match
 Finish Grade

Temp for Testing
 1-8" Cap w/ 2 1/2 Clean Out
 1-Conc Block



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Alan Y. Tomita

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLAN AND PROFILE - 12

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

Scale: As Shown Date: October 2008

SHEET No. 12 OF 12 SHEETS