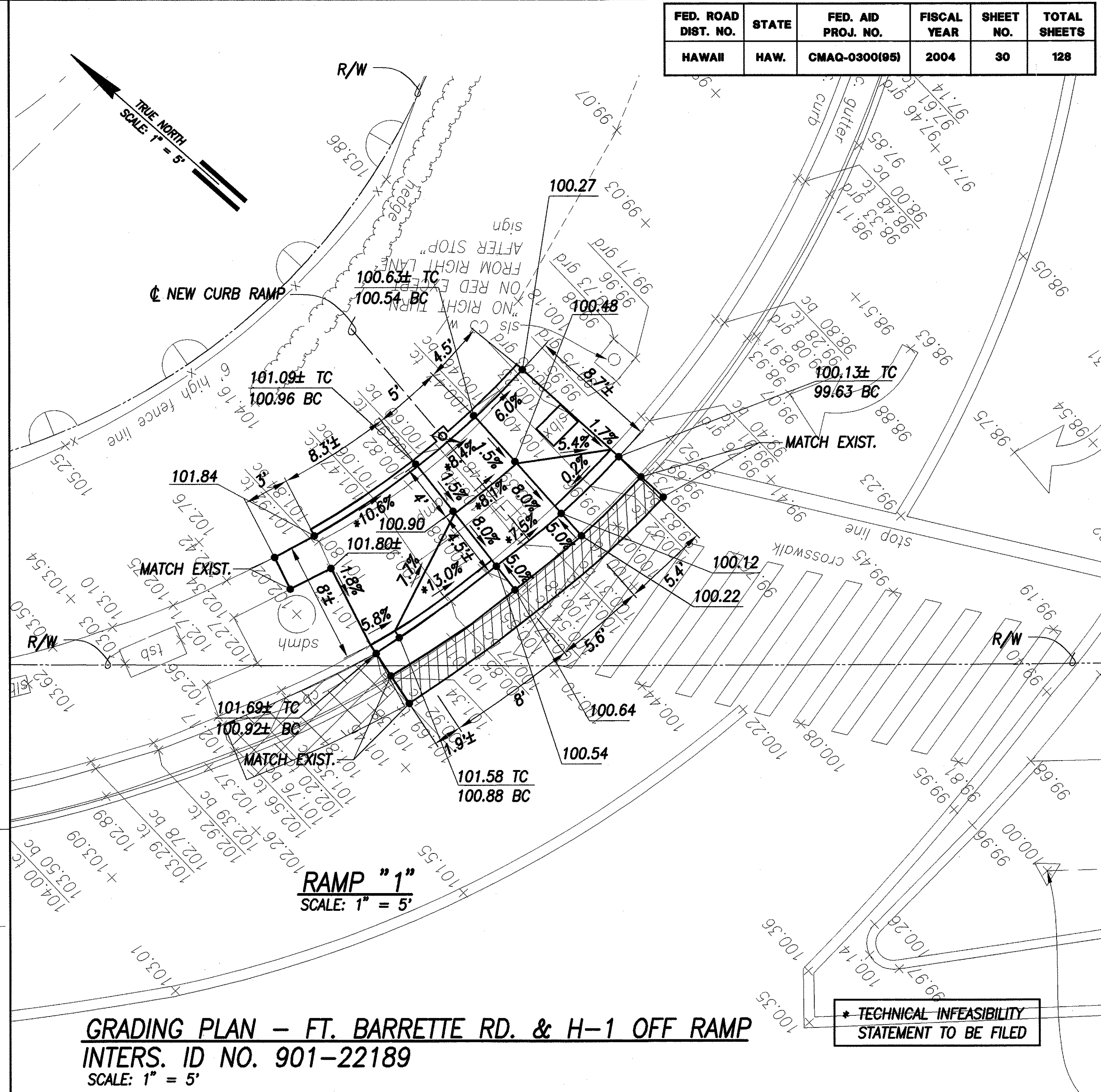
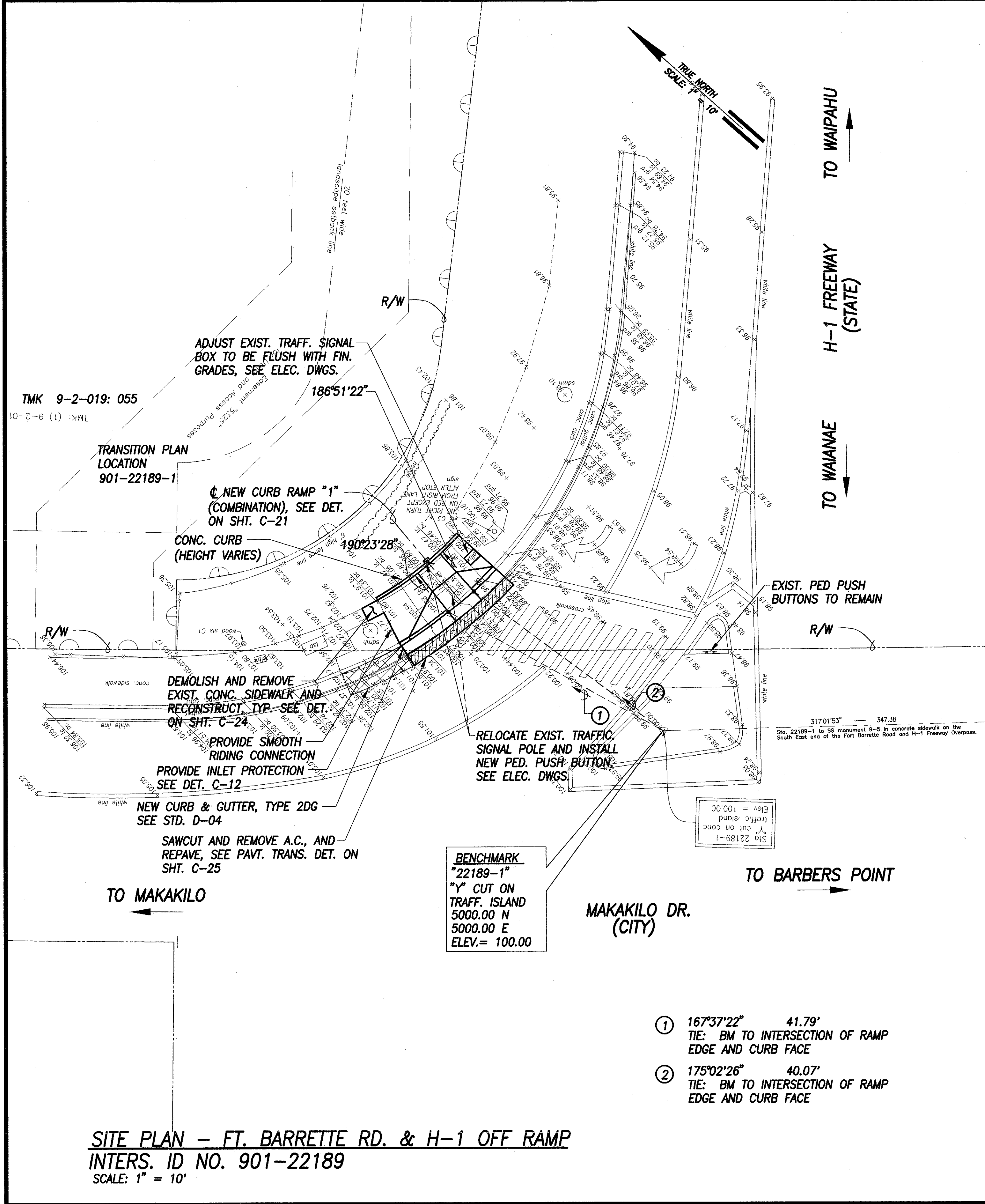
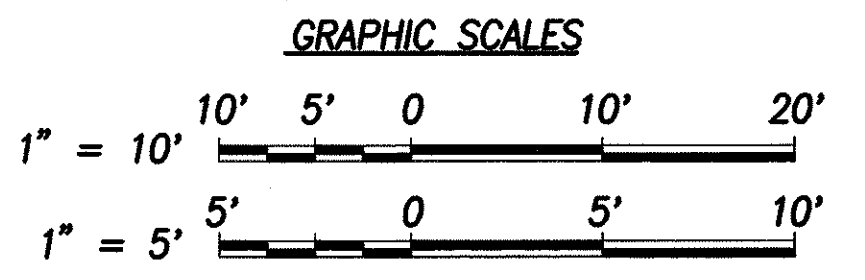


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	30	128



TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

- LEGEND
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *Greg H. Hiyakumoto* DATE: 8/13/04

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS."

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

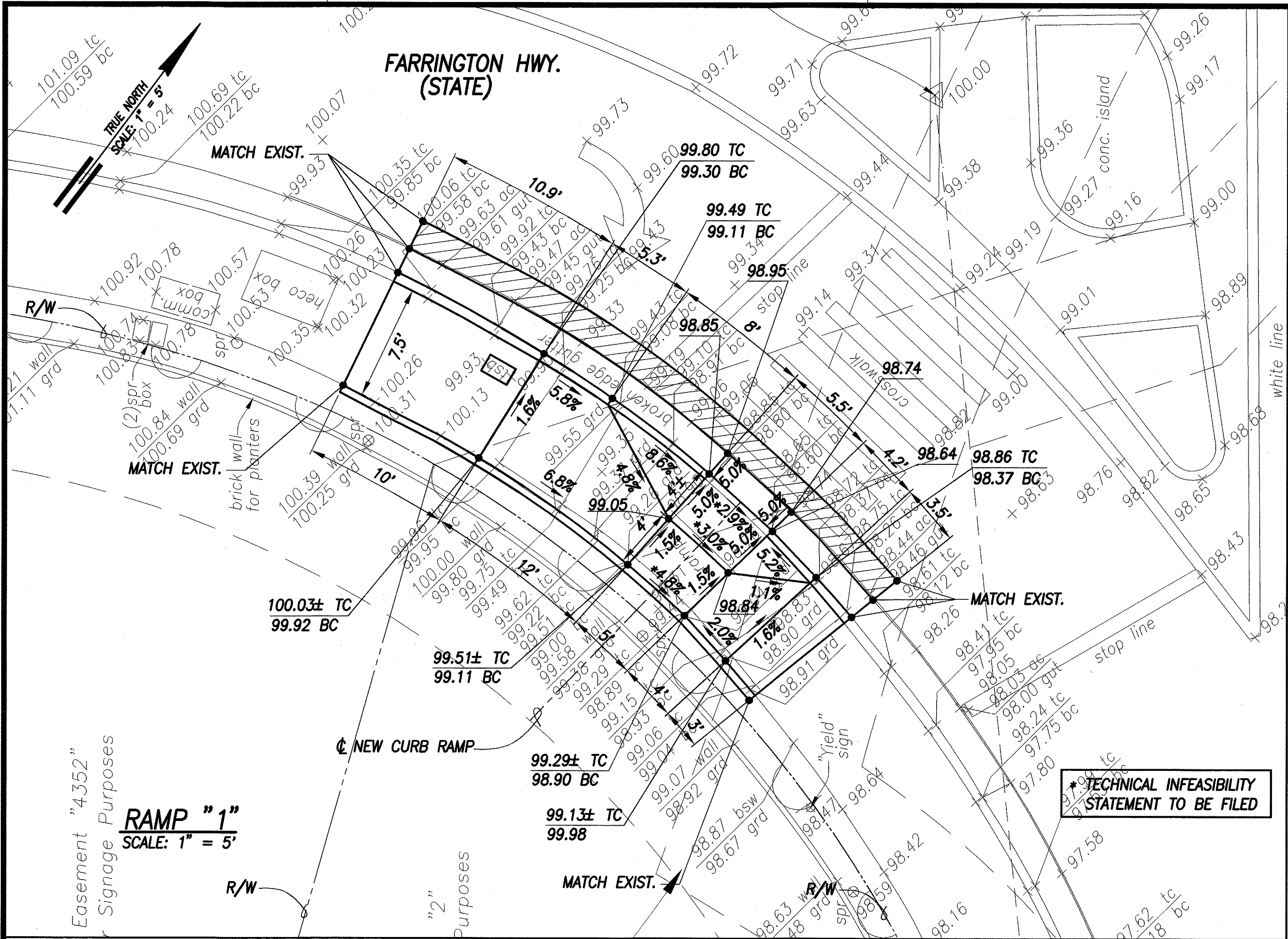
**SITE & GRADING PLAN -
FT. BARRETTE RD. & H-1 OFF RAMP**

*Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)*

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-29 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	32	128



- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – FT. BARRETTE RD. & FARRINGTON HWY.
INTERS. ID NO. 901-22489
 SCALE: 1" = 5'

SURVEY PLATTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

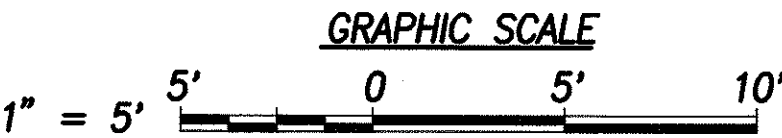


License Expiration
 Date April 30, 2006

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE _____ DATE _____

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

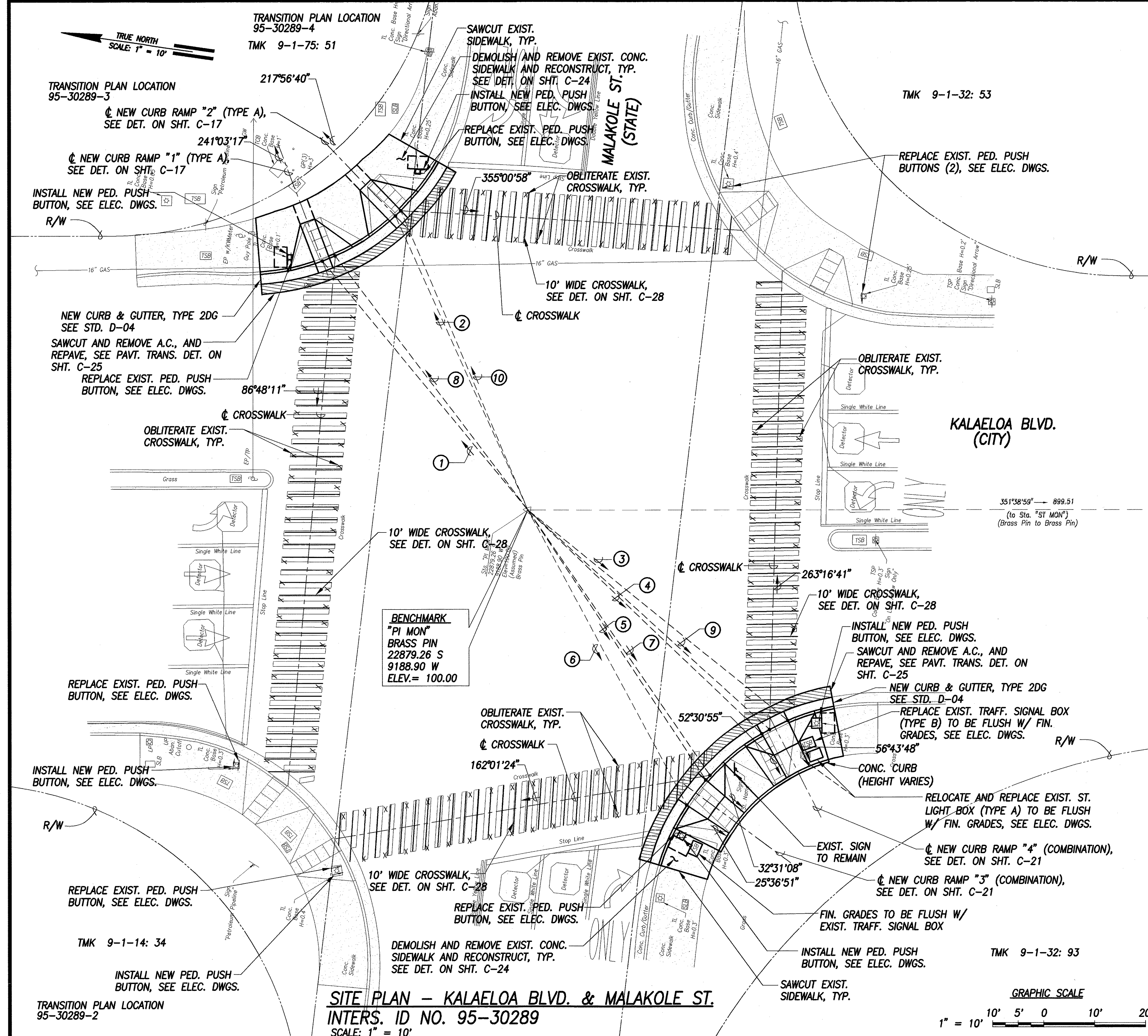
GRADING PLAN –
FT. BARRETTE RD. & FARRINGTON HWY.

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 5'-0" Date: AUGUST 2004

SHEET No. C-31 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	36	128



- ① 222°15'38" 63.51'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- ② 237°32'03" 63.54'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- ③ 30°52'47" 65.79'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- ④ 35°36'06" 63.70'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- ⑤ 48°27'20" 63.68'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- ⑥ 53°31'27" 66.02'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- ⑦ 47°23'52" 63.37'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- ⑧ 224°37'04" 62.77'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- ⑨ 34°08'32" 64.24'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- ⑩ 238°45'47" 64.07'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE



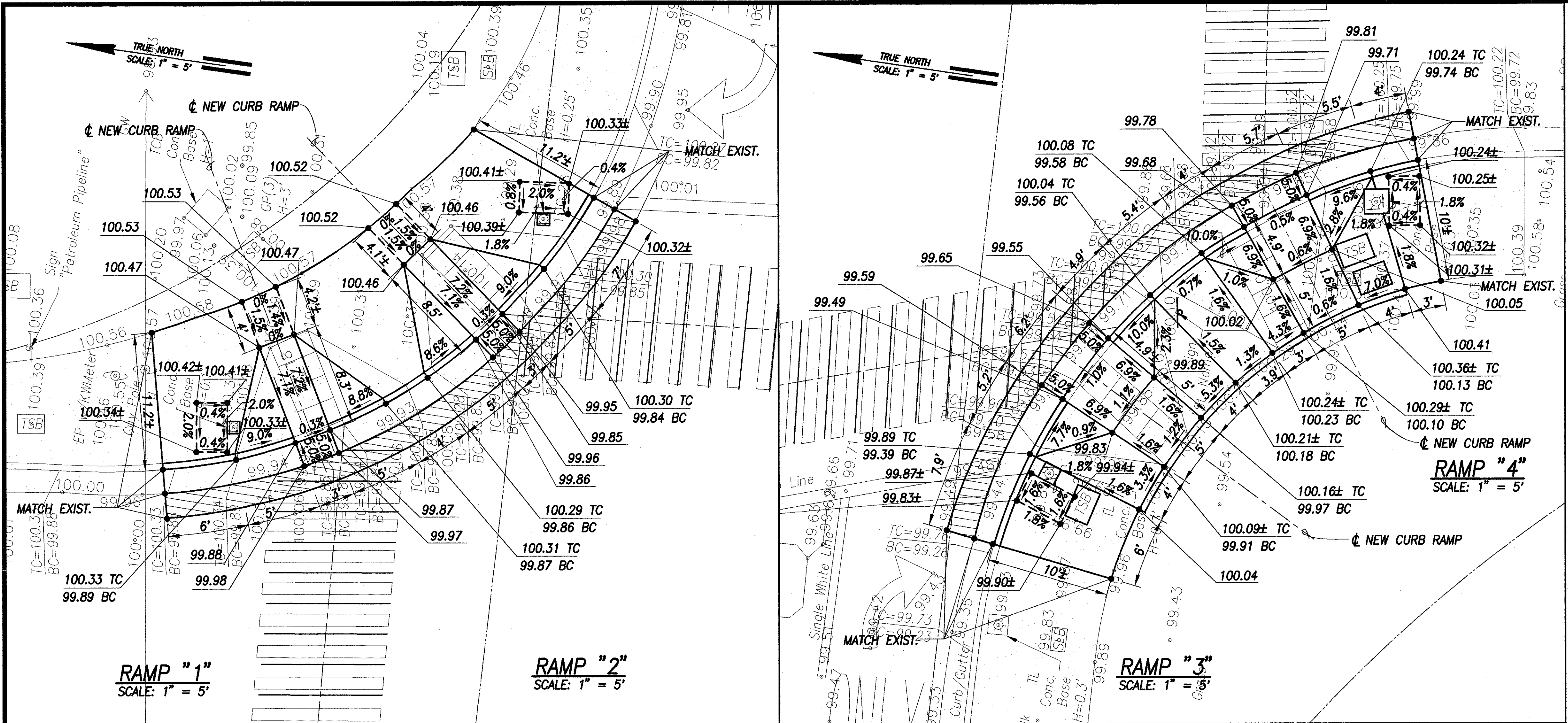
License Expiration Date April 30, 2006
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE PLAN
KALAELOA BLVD. & MALAKOLE ST.
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-35 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	37	128



GRADING PLAN – KALAELOA BLVD. & MALAKOLE ST.
INTERS. ID NO. 95-30289
 SCALE: 1" = 5'

LEGEND	
• 49.52	EXIST. SPOT ELEVATION
• 52.58	FINISHED SPOT GRADE
51.50 TC	FINISHED TOP OF CURB
51.00 BC	FINISHED BOTTOM OF CURB

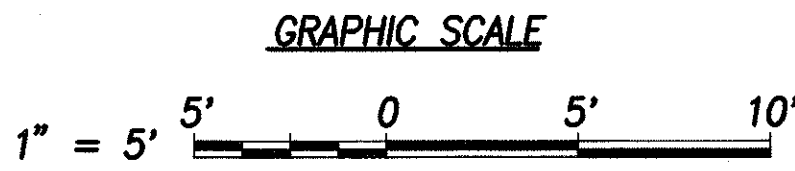
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



License Expiration
 Date April 30, 2006
 THIS WORK WAS PREPARED BY ME OR UNDER
 MY SUPERVISION AND CONSTRUCTION OF THIS
 PROJECT WILL BE UNDER MY OBSERVATION.

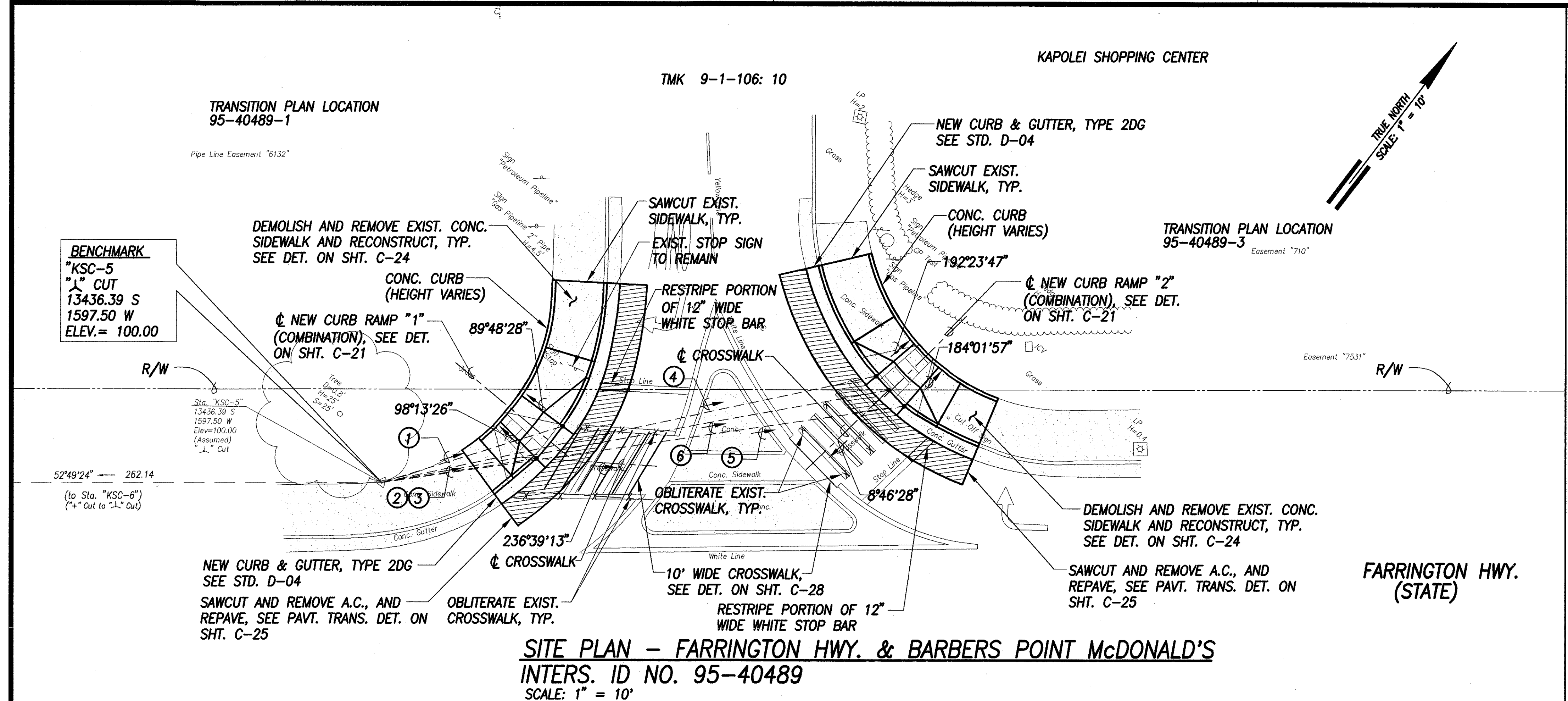
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"OBSERVATION OF CONSTRUCTION" IS DEFINED IN
 IN CHAPTER 16-115, HAWAII ADMINISTRATIVE
 RULES ENTITLED "PROFESSIONAL ENGINEERS,
 ARCHITECTS, SURVEYORS AND LANDSCAPE
 ARCHITECTS".

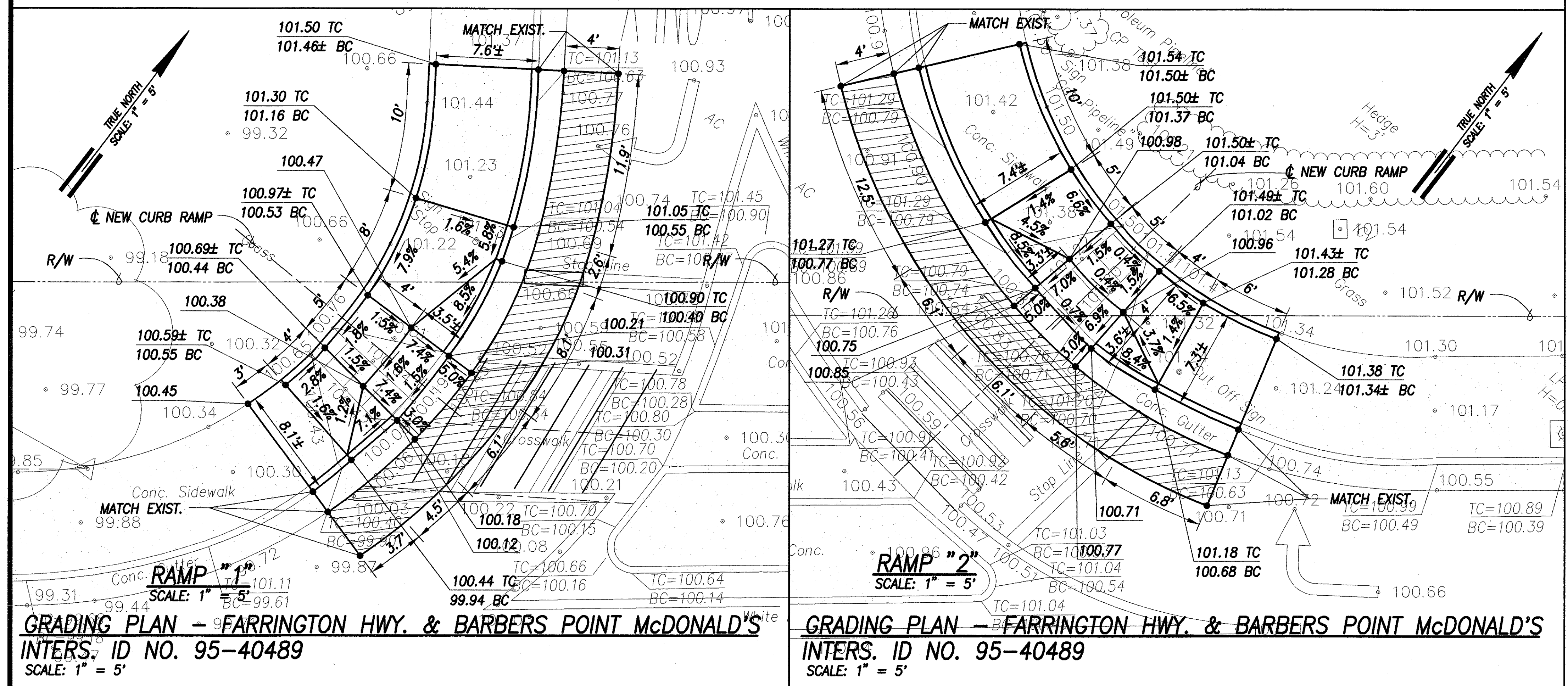


STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
GRADING PLAN
KALAELOA BLVD. & MALAKOLE ST.
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 5'-0" Date: AUGUST 2004
SHEET No. C-36 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	38	128

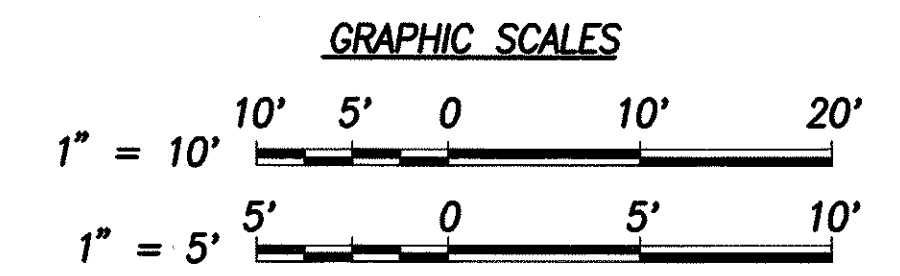


- 215°26'25" 27.85'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 223°56'34" 23.04'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 223°56'34" 23.04'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 220°38'04" 74.45'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 224°29'34" 77.72'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 222°27'05" 75.86'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE



LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN-FARRINGTON HWY & BARBERS POINT McDONALD'S

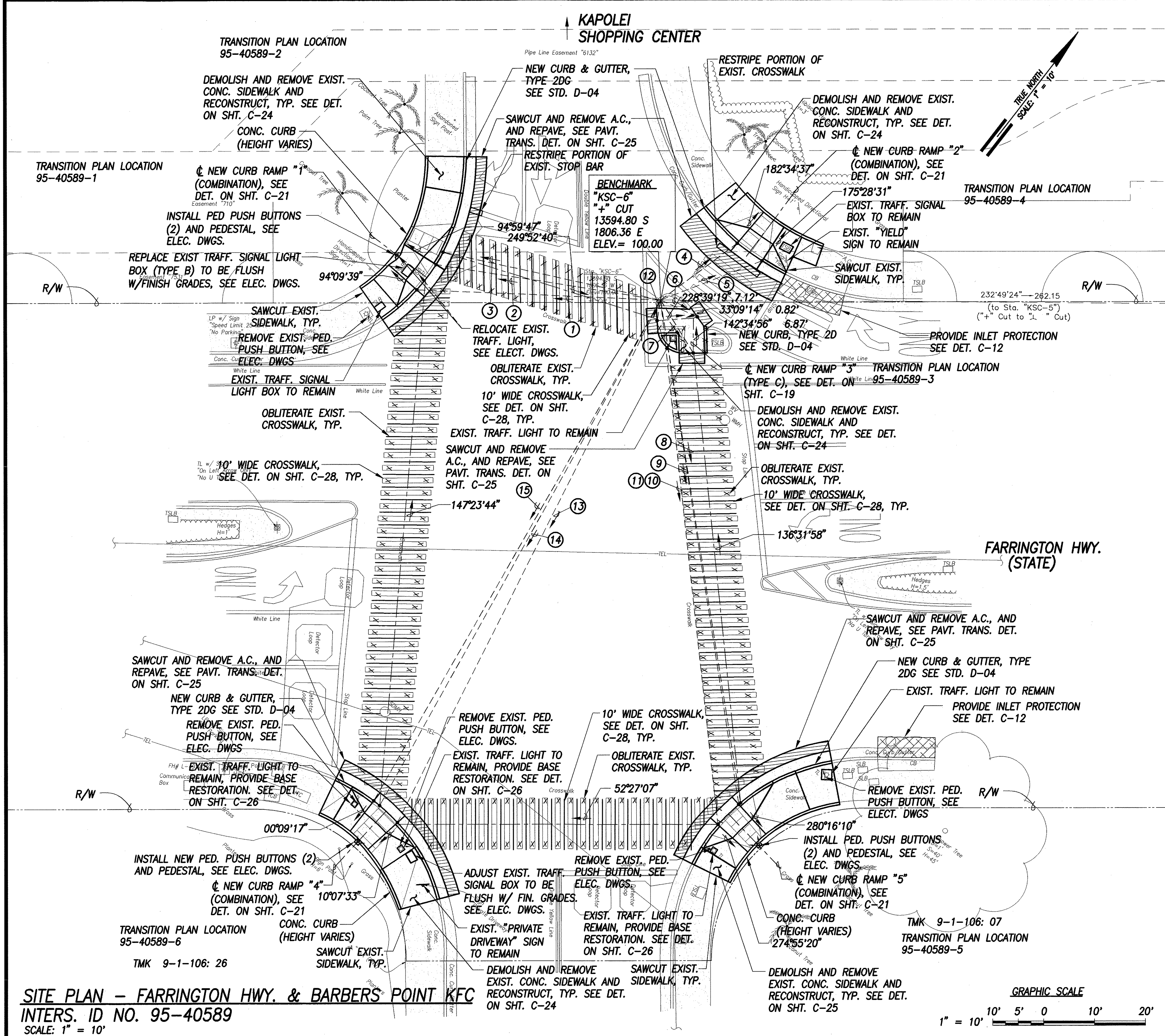
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-37 OF 93 SHEETS

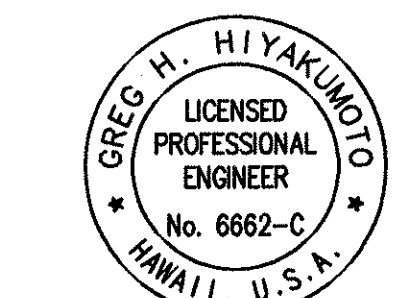
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	39	128



- ① 54°50'58" 48.03'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ② 61°27'20" 44.76'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ③ 64°54'14" 43.86'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- ④ 195°41'25" 18.81'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑤ 211°08'56" 21.40'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑥ 257°05'58" 7.94'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE
- ⑦ 290°53'10" 12.27'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE
- ⑧ 313°26'14" 100.61'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- ⑨ 313°40'18" 100.87'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑩ 316°14'23" 104.30
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑪ 316°14'23" 104.30
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- ⑫ 331°48'17" 4.11'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE
- ⑬ 349°04'31" 115.53
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑭ 351°24'03" 114.19'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- ⑮ 352°08'15" 113.94
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE

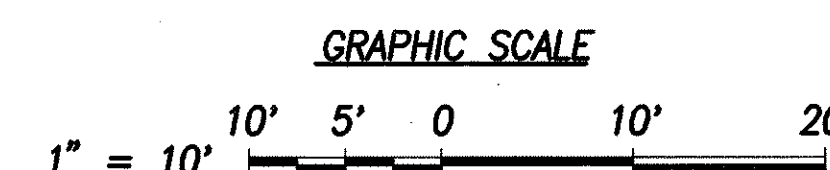
DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
DESIGNED BY	.....
CHECKED BY	.....
ORIGINAL PLAN	.....
NOTE BOOK	.....
No.	.....

SITE PLAN - FARRINGTON HWY. & BARBERS POINT KFC
INTERS. ID NO. 95-40589
 SCALE: 1" = 10'

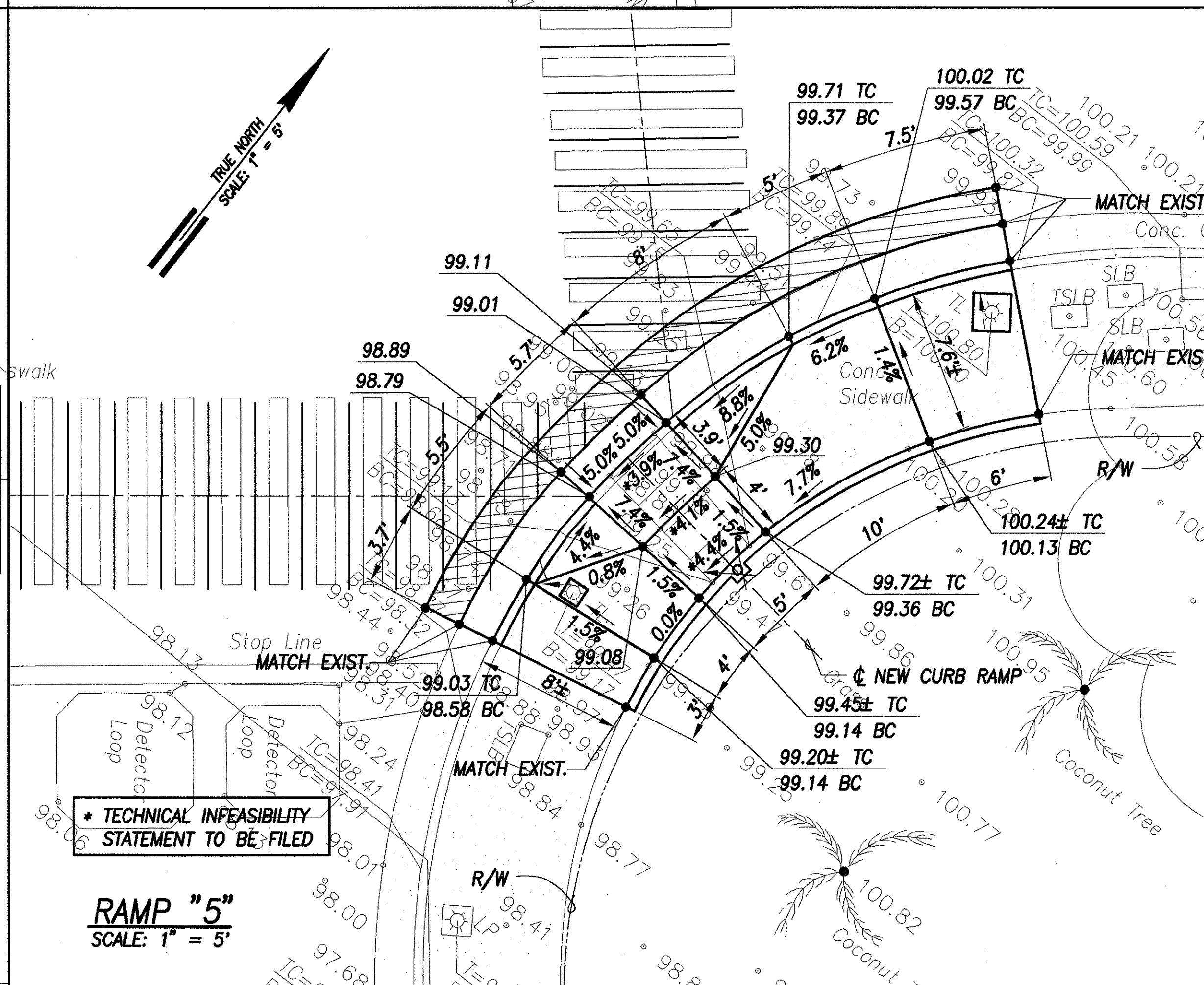
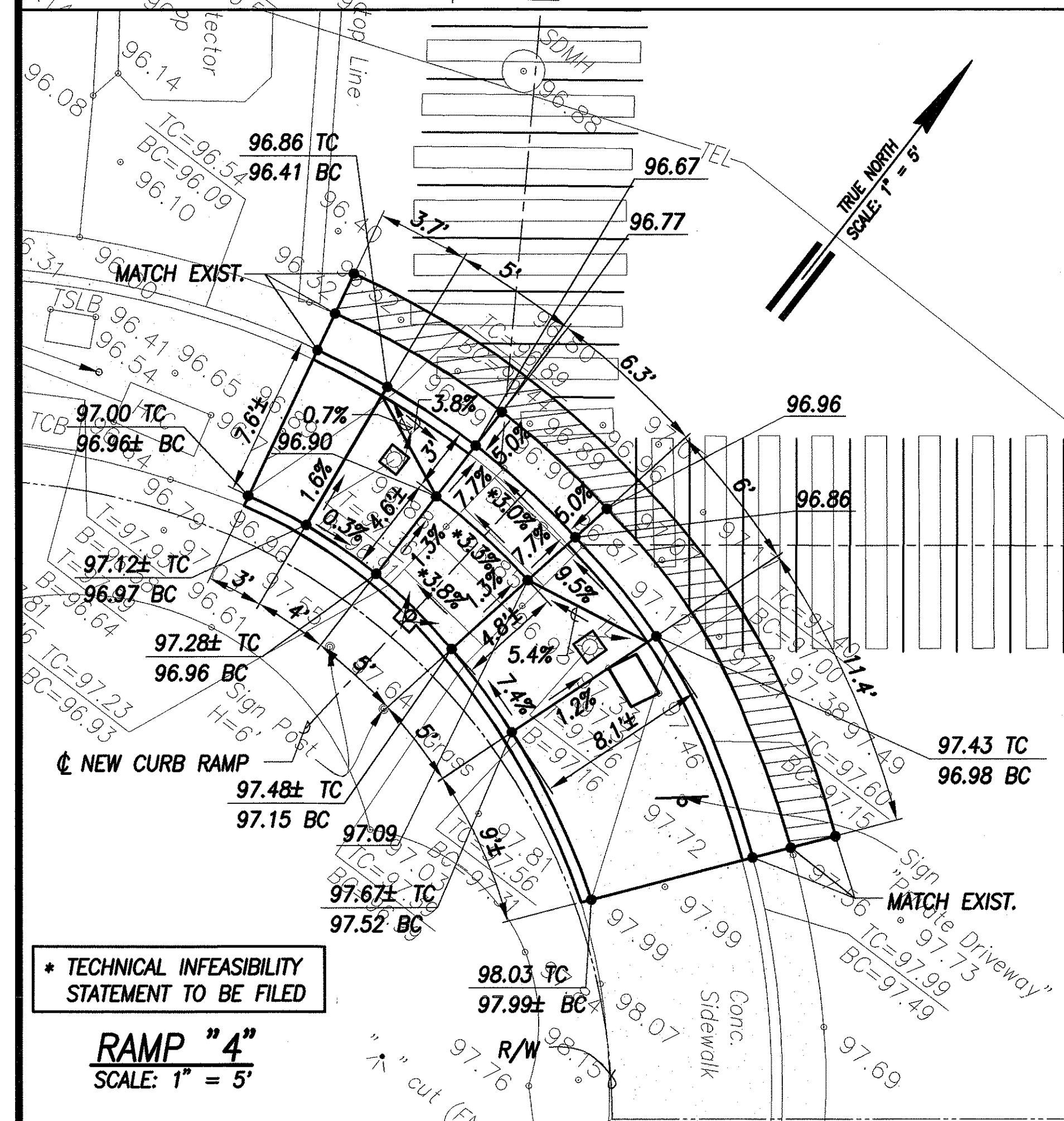
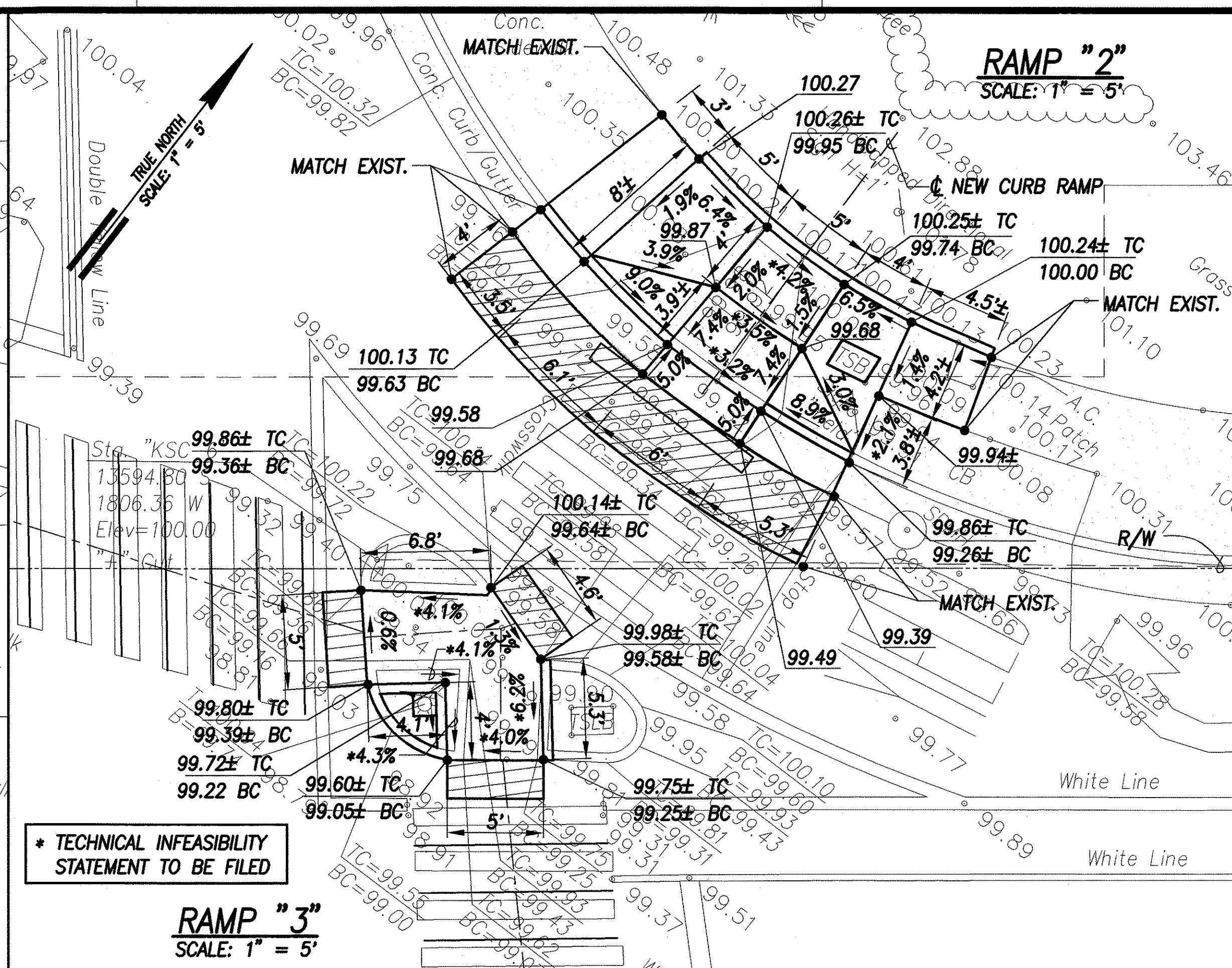
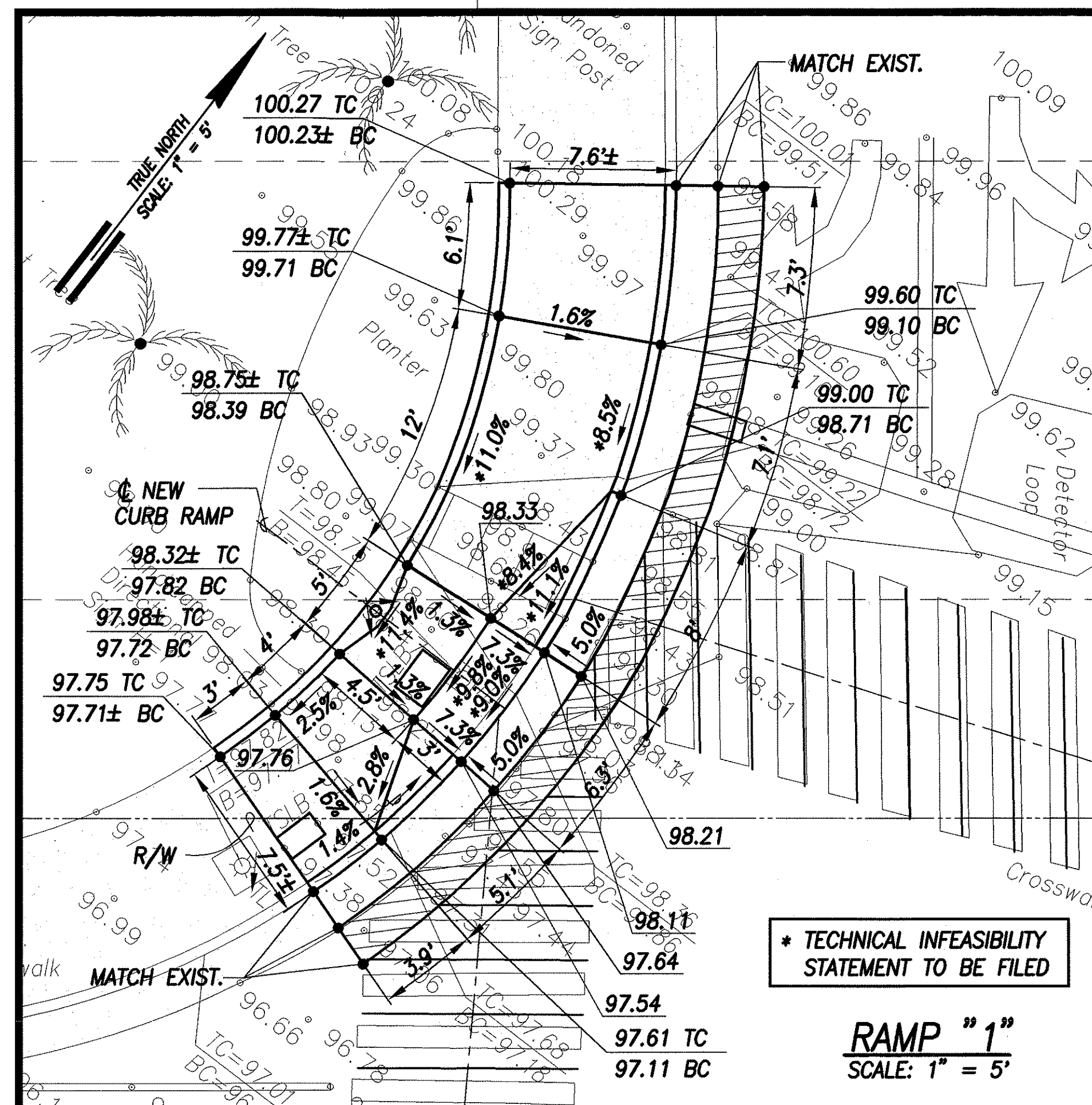


License Expiration Date April 30, 2006
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 SIGNATURE: _____ DATE: _____
 "OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SITE PLAN - FARRINGTON HWY. & BARBERS POINT KFC
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-38 OF 93 SHEETS

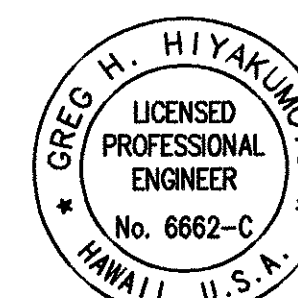


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	40	128



- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN - FARRINGTON HWY. & BARBER'S POINT KFC
INTERS. ID NO. 95-40589
SCALE: 1" = 10'



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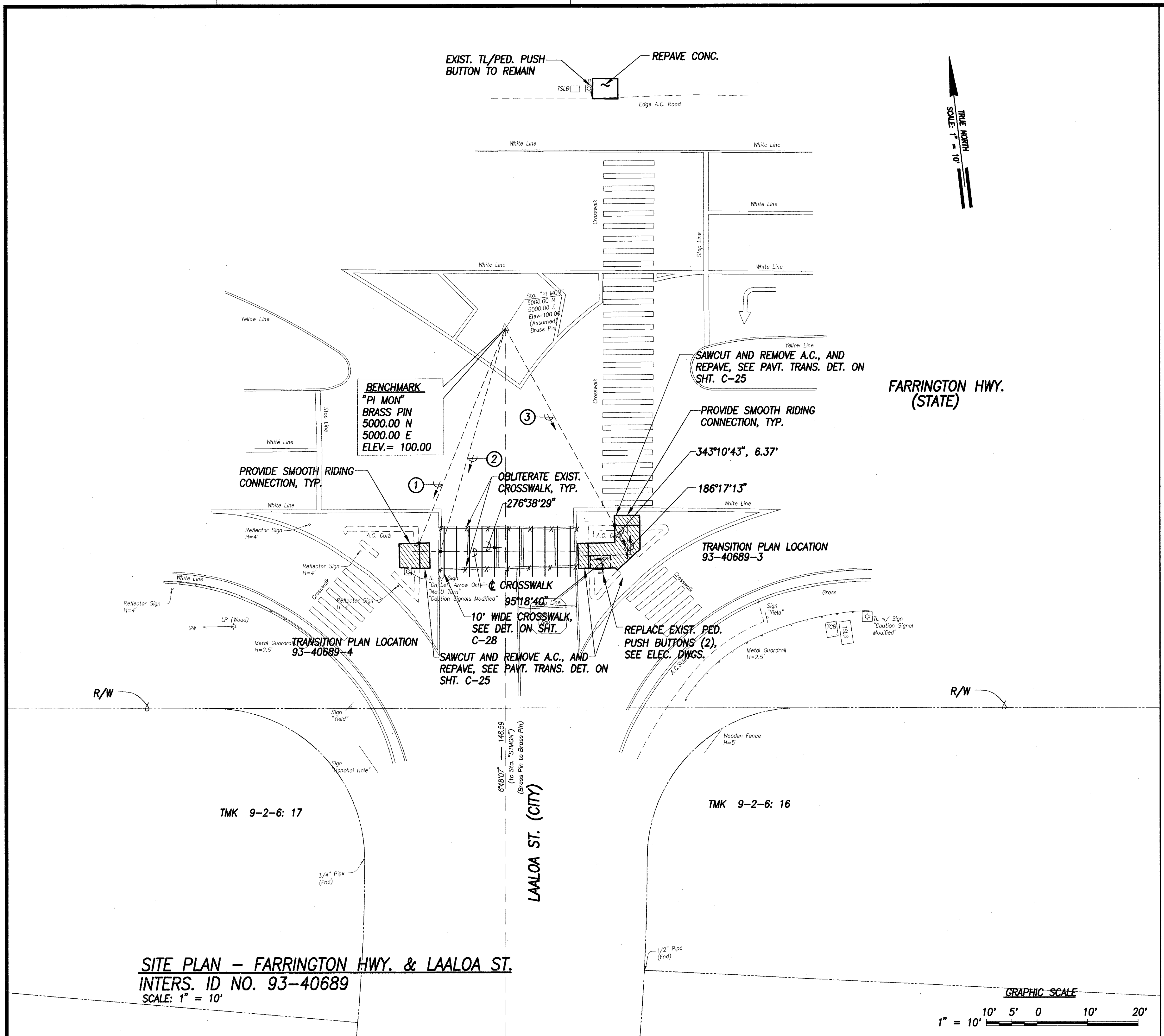
SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GRADING PLAN - FARRINGTON HWY. & BARBER'S POINT KFC
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 5'-0" Date: AUGUST 2004
SHEET No. C-39 OF 93 SHEETS

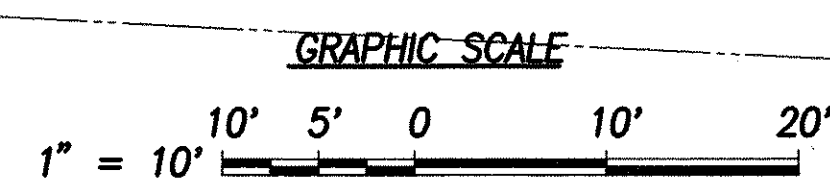
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	41	128

- ① 28°37'36" 46.01'
TIE: BM TO INTERSECTION OF EDGE OF A.C. AND CURB FACE
- ② 23°01'10" 46.24'
TIE: BM TO INTERSECTION OF C CROSSWALK AND EDGE OF STRIPE
- ③ 337°55'05" 44.78'
TIE: BM TO INTERSECTION OF EDGE OF A.C. AND CURB FACE



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

SITE PLAN - FARRINGTON HWY. & LAALOA ST.
INTERS. ID NO. 93-40689
 SCALE: 1" = 10'



LICENSED PROFESSIONAL ENGINEER
 No. 6662-C
 HAWAII, U.S.A.
 License Expiration Date April 30, 2006

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SIGNATURE: *[Signature]* DATE: 8/18/04

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 10-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SITE PLAN - FARRINGTON HWY. & LAALOA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0" Date: AUGUST 2004

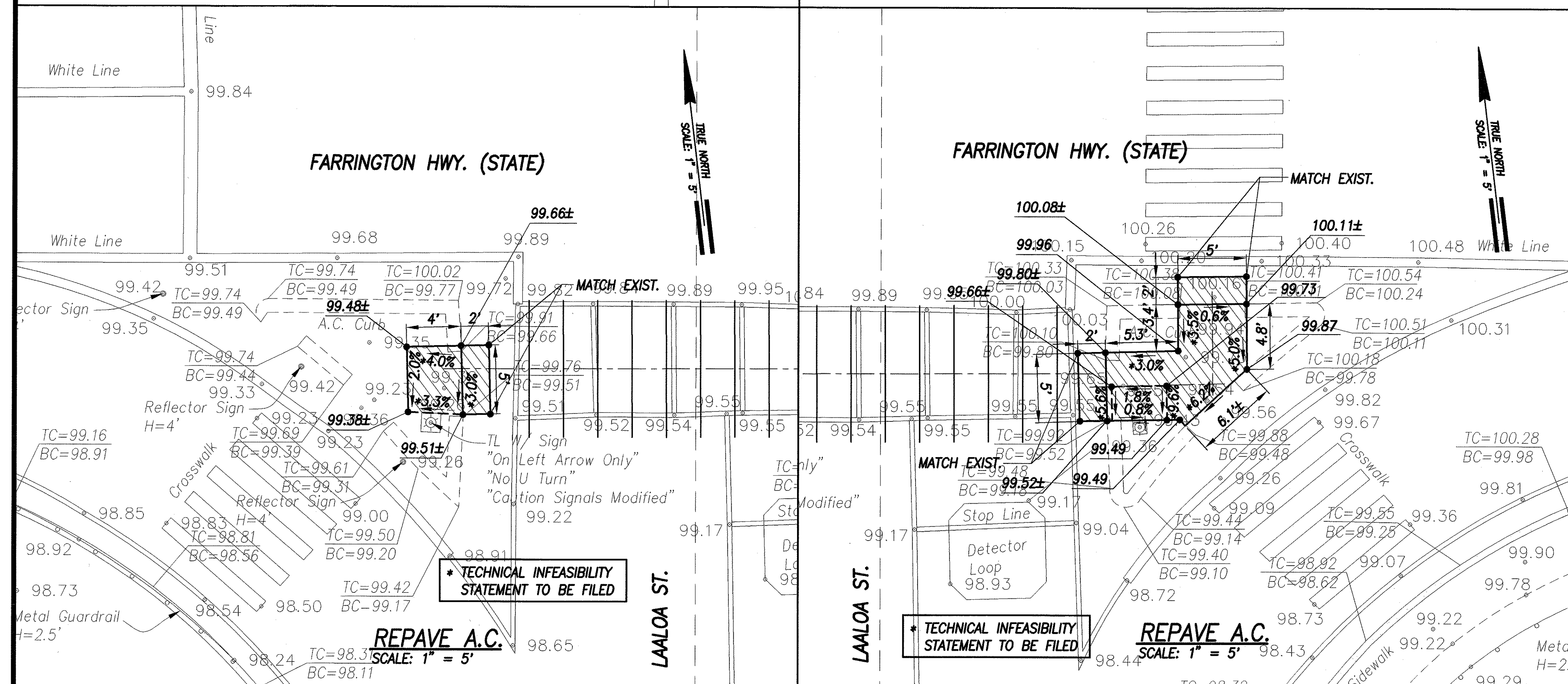
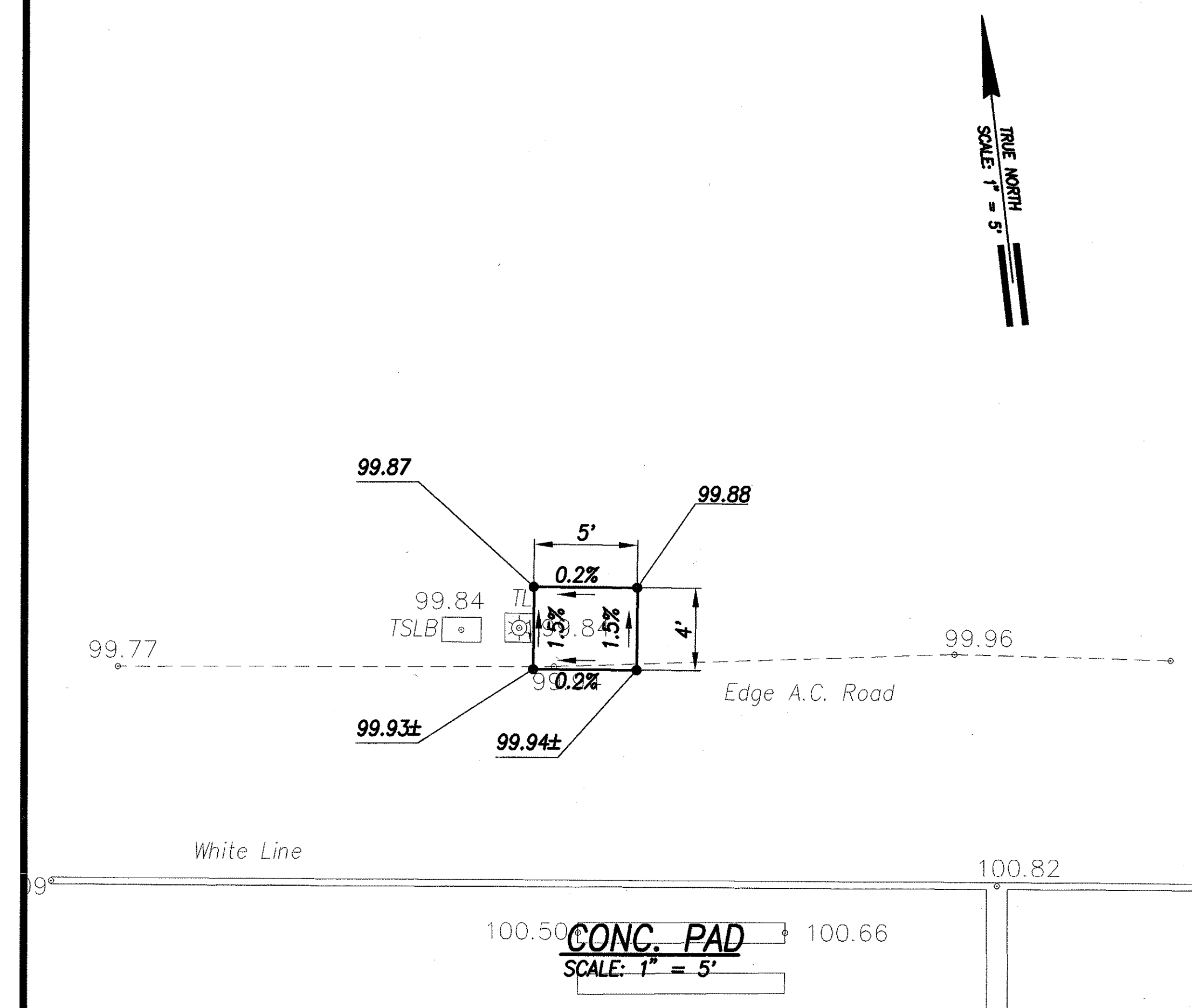
SHEET No. C-40 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	42	128

LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN - FARRINGTON HWY. & LAALOA ST. INTERS. ID NO. 93-40689 SCALE: 1" = 5'



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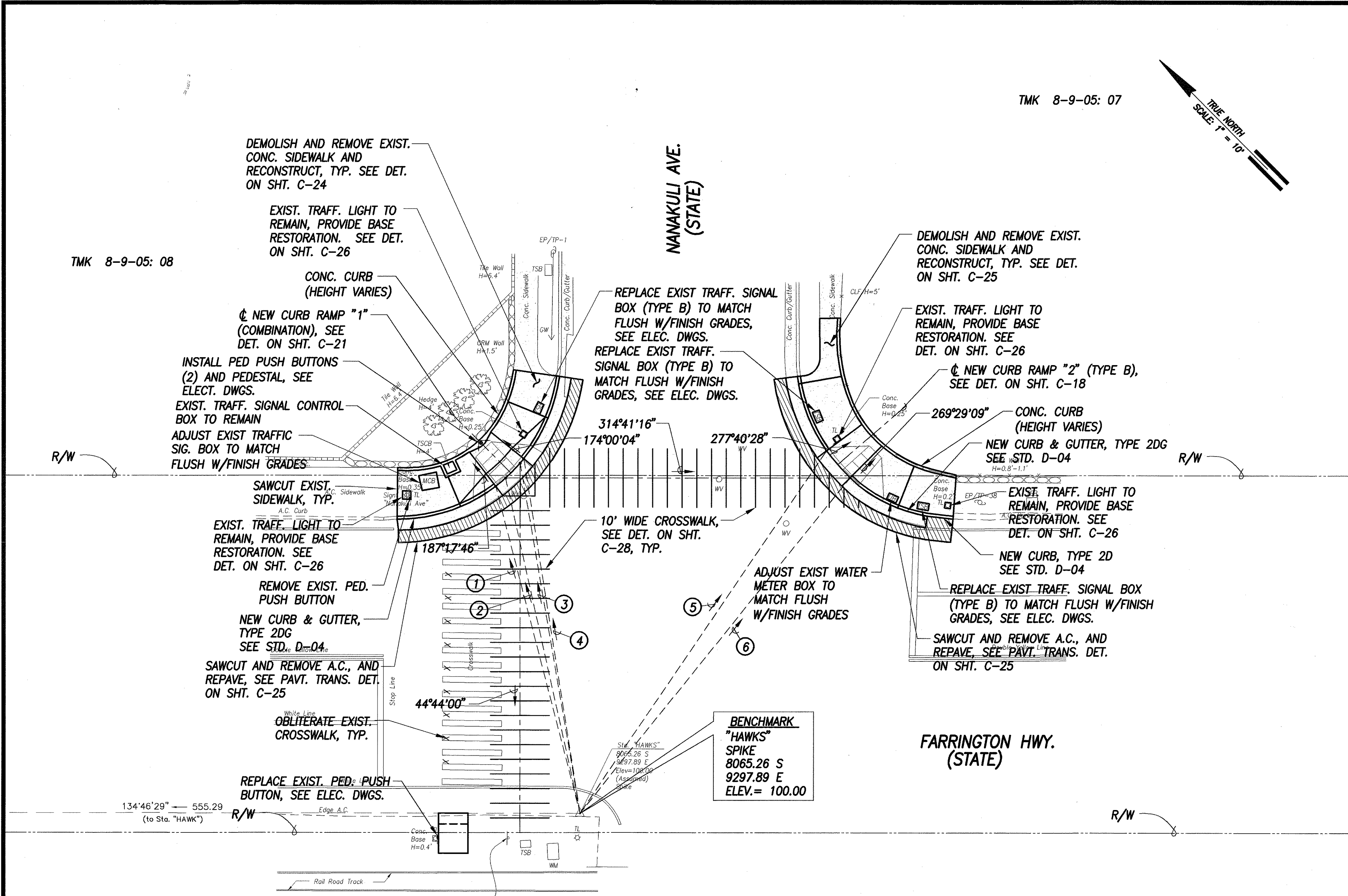
SIGNATURE: [Signature] DATE: 7/14/04

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
GRADING PLAN - FARRINGTON HWY. & LAALOA ST.
 Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 5'-0" Date: AUGUST 2004
 SHEET No. C-41 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	43	128

- 210°17'40" 57.67'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 212°13'37" 58.64'
TIE: BM TO INTERSECTION OF ϕ
CROSSWALK AND CURB FACE
- 215°02'02" 60.66'
TIE: BM TO INTERSECTION OF ϕ
CROSSWALK AND CURB FACE
- 215°42'42" 61.29'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 258°46'09" 74.74'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 263°21'42" 73.42'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE



SITE PLAN – FARRINGTON HWY. & NANAKULI AVE.
INTERS. ID NO. 93-41189
 SCALE: 1" = 10'

Joseph W. Kachua 8/19/04
 Principal Executive Date
 Maintenance Unit, BWS

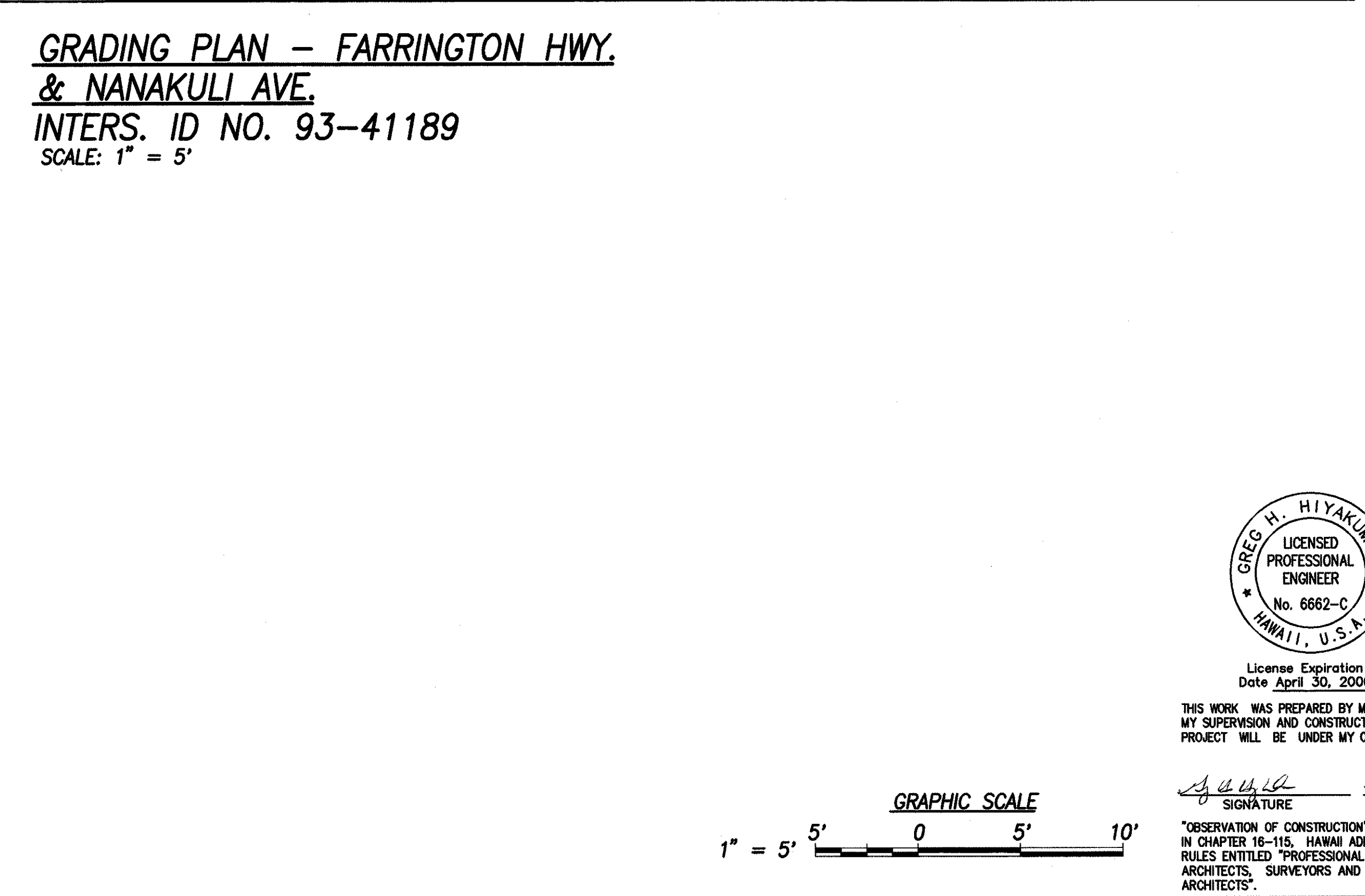
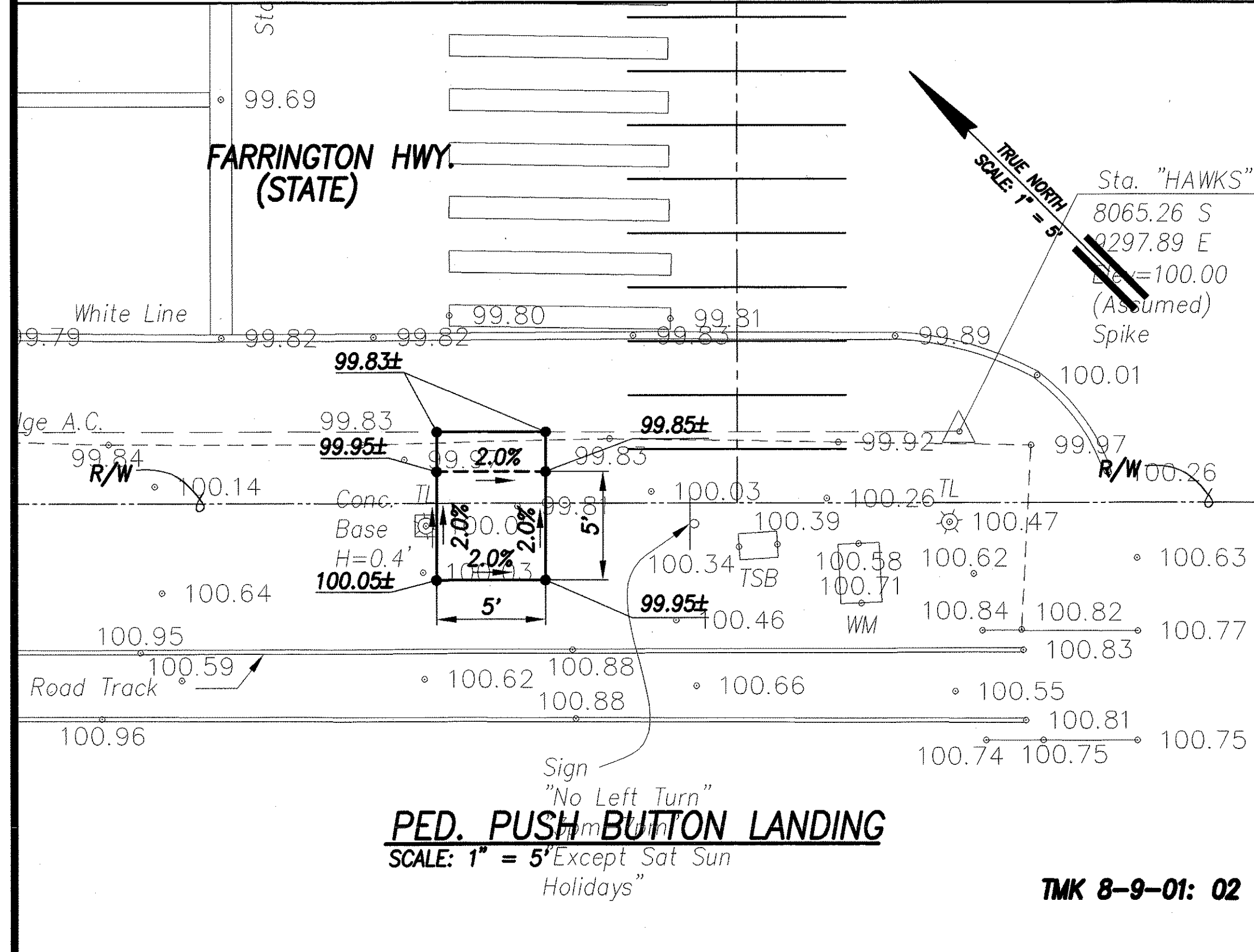
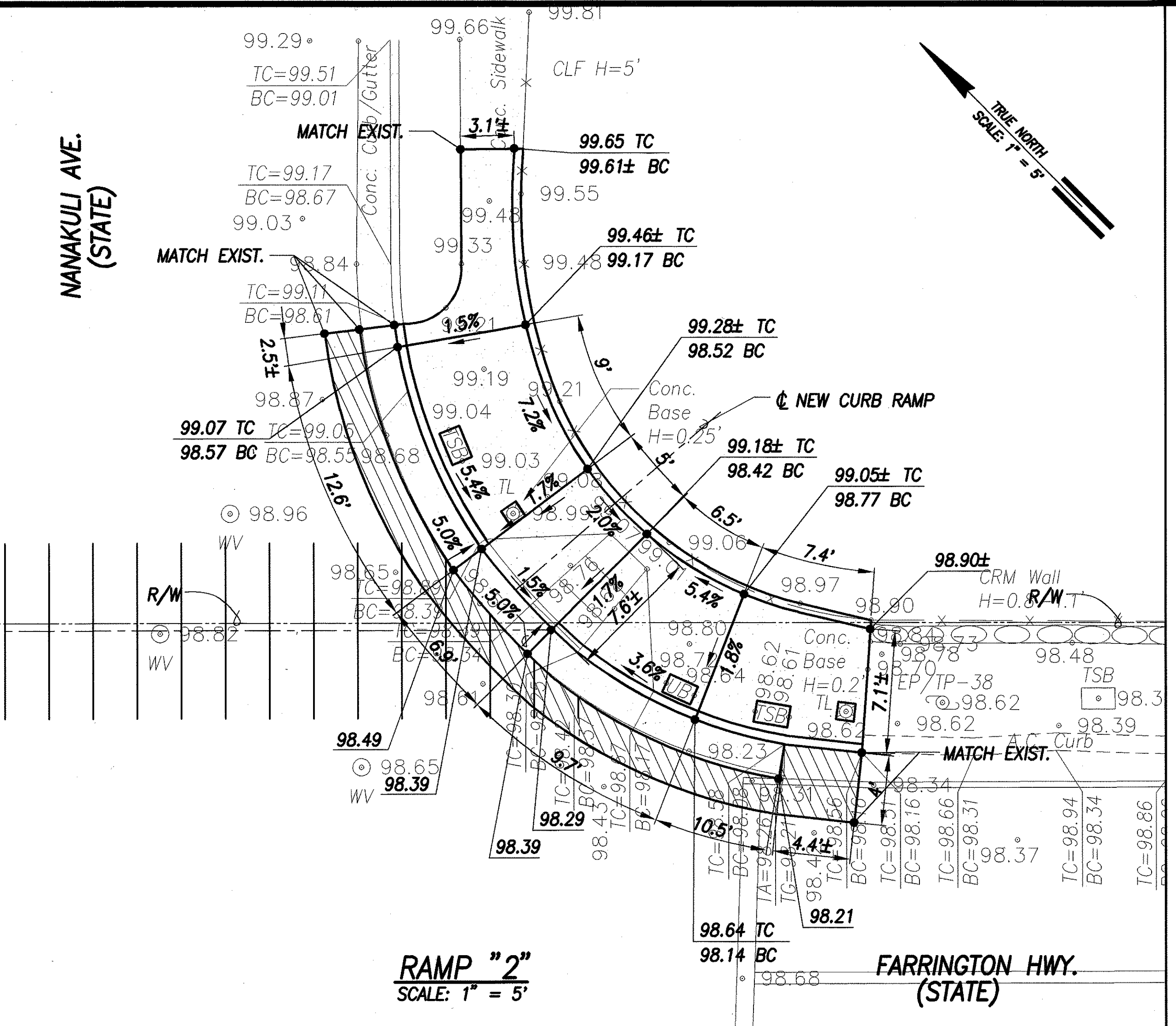
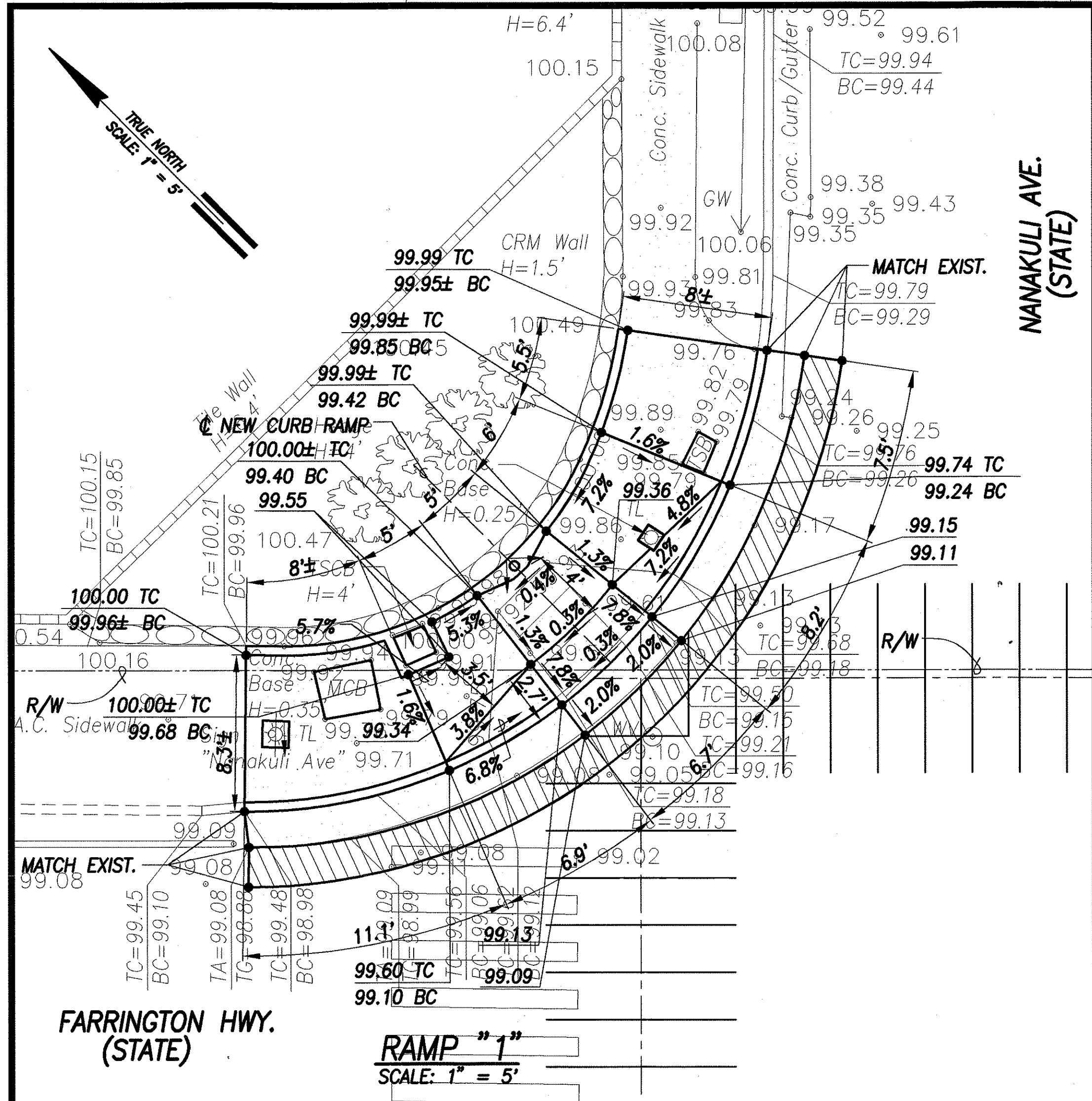


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 SIGNATURE: *Greg H. Hiyanaka* April 30, 2006
 EXPIRATION DATE: 11/1/07
 "OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE PLAN – FARRINGTON HWY. & NANAKULI AVE.
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-42 OF 94 SHEETS

43

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	44	128



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – FARRINGTON HWY. & NANAKULI AVE.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

Fed. Aid Proj. No. CMAQ-0300(95)

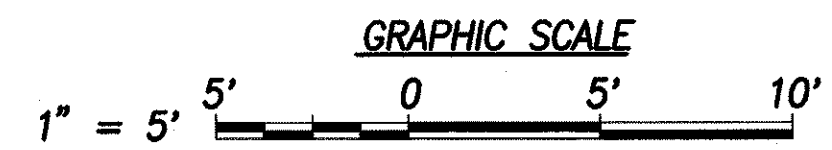
Scale: 1" = 5'-0" Date: AUGUST 2004

SHEET No. C-43 OF 93 SHEETS

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
License Expiration Date April 30, 2008

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

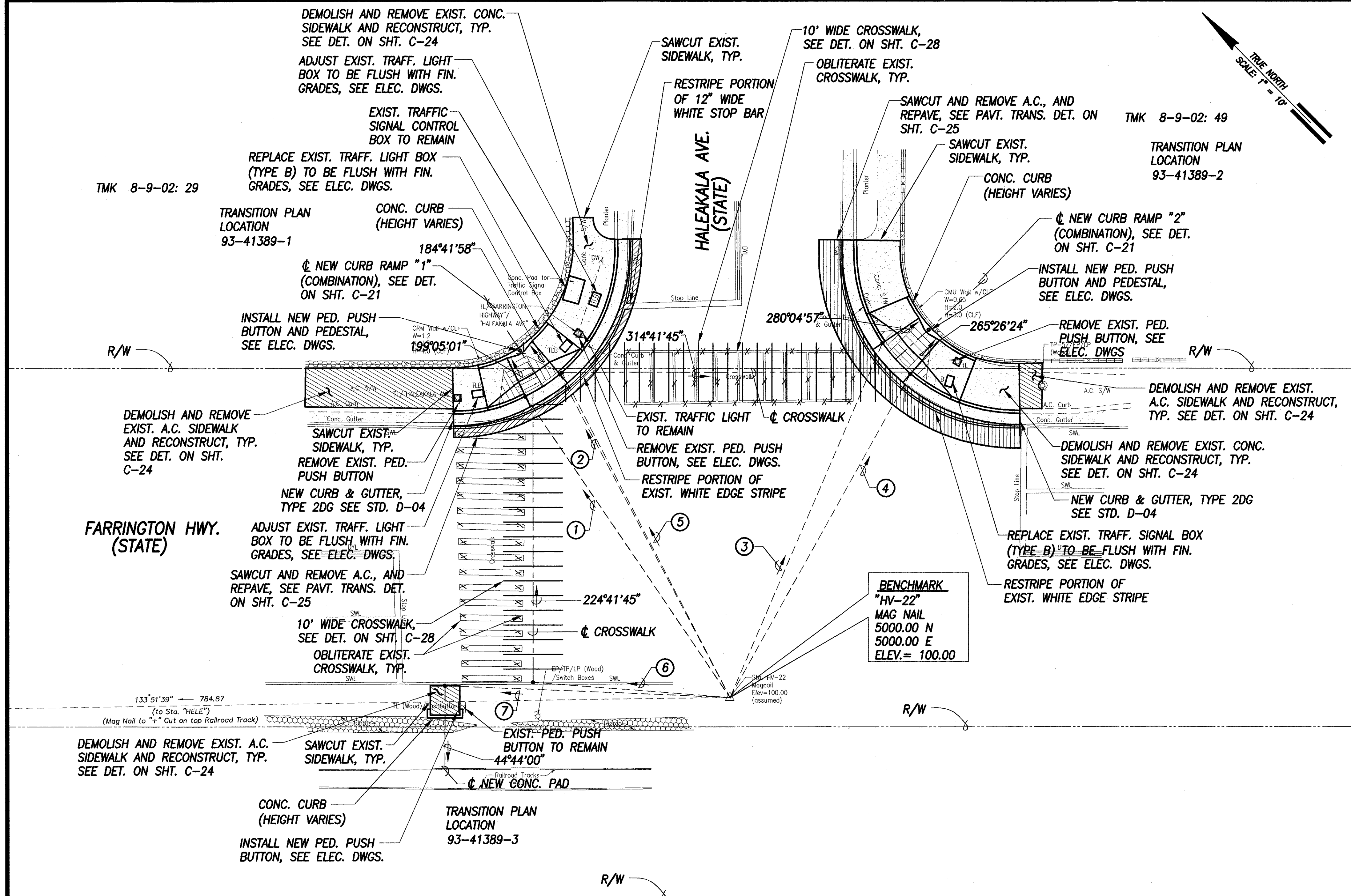
SIGNATURE DATE



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

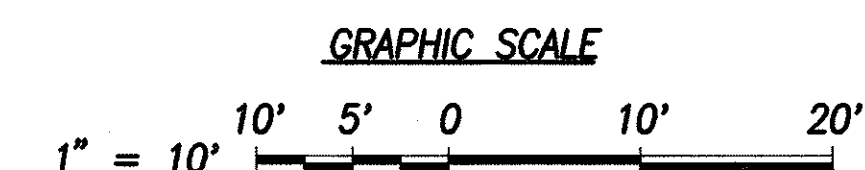
TMK 8-9-01: 02

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	45	128



- ① 190°36'44" 61.87'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ② 197°01'59" 62.11'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ③ 247°54'00" 65.61'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ④ 253°45'27" 62.96'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑤ 197°26'33" 62.21'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- ⑥ 139°06'01" 33.49'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- ⑦ 137°04'42" 48.38'
TIE: BM TO INTERSECTION OF
RAMP FACE

SITE PLAN - FARRINGTON HWY. & HALEAKALA AVE.
INTERS. ID NO. 93-41389
 SCALE: 1" = 10'

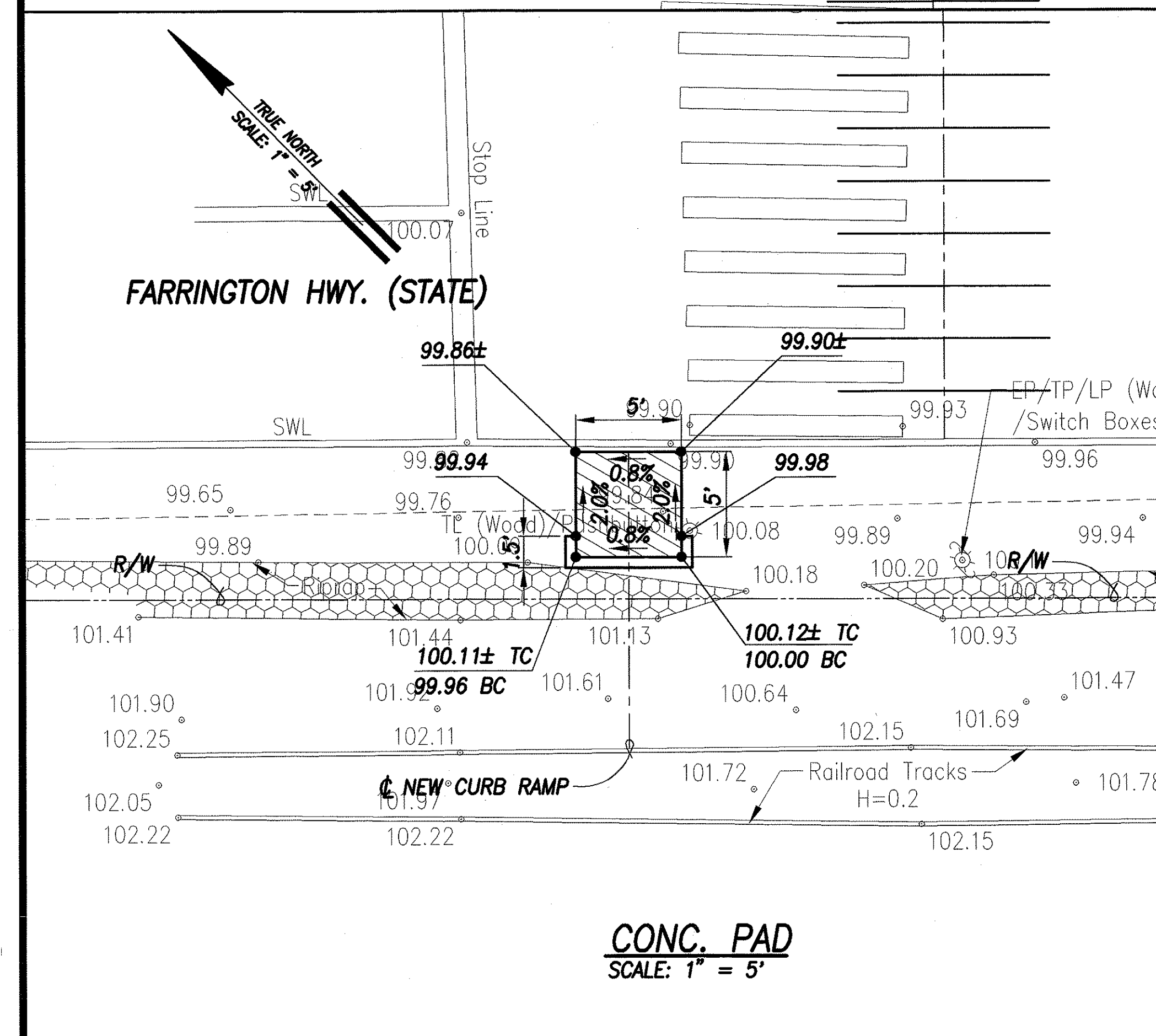
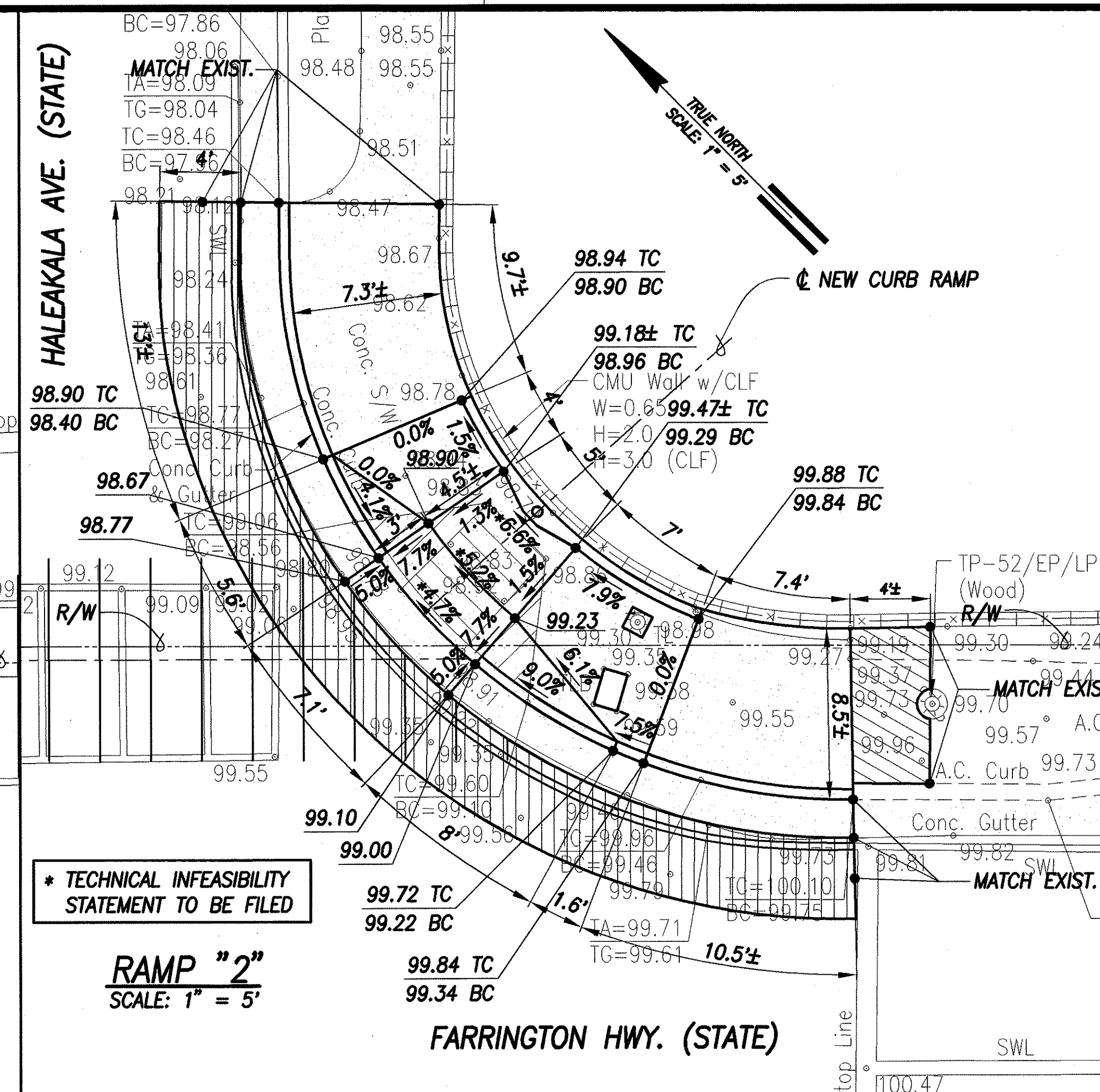
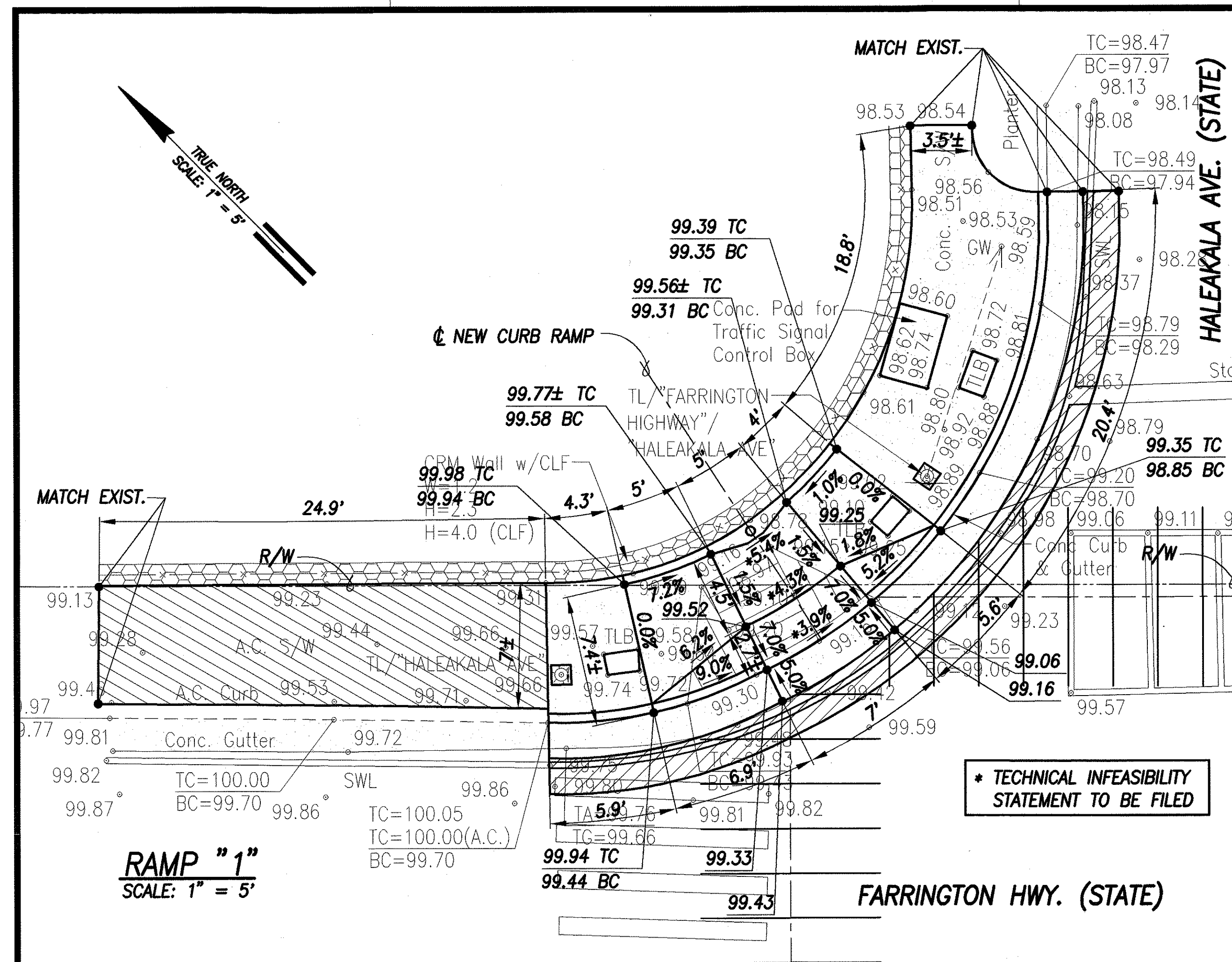


GREG H. HIYAKUMOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 6662-C
 HAWAII, U.S.A.
 License Expiration Date April 30, 2006
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 SIGNATURE: *[Signature]* DATE: 9/13/04

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SITE PLAN - FARRINGTON HWY. & HALEAKALA AVE.
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-44 OF 93 SHEETS

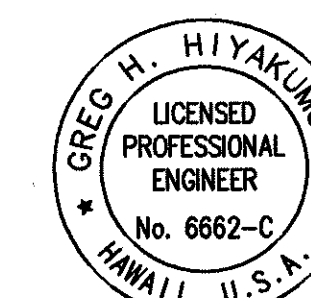
DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITIES BY	
ORIGINAL PLAN	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	46	128



GRADING PLAN - FARRINGTON HWY. & HALEAKALA AVE.
INTERS. ID NO. 93-41389
SCALE: 1" = 5'

LEGEND	
49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT GRADE
51.50 TC	FINISHED TOP OF CURB
51.00 BC	FINISHED BOTTOM OF CURB



License Expiration
Date April 30, 2006

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SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN - FARRINGTON HWY. & HALEAKALA AVE.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 5'-0" Date: AUGUST 2004

SHEET No. C-45 OF 93 SHEETS

TMK 8-7-06: 55

TRANSITION PLAN LOCATION
93-41489-1

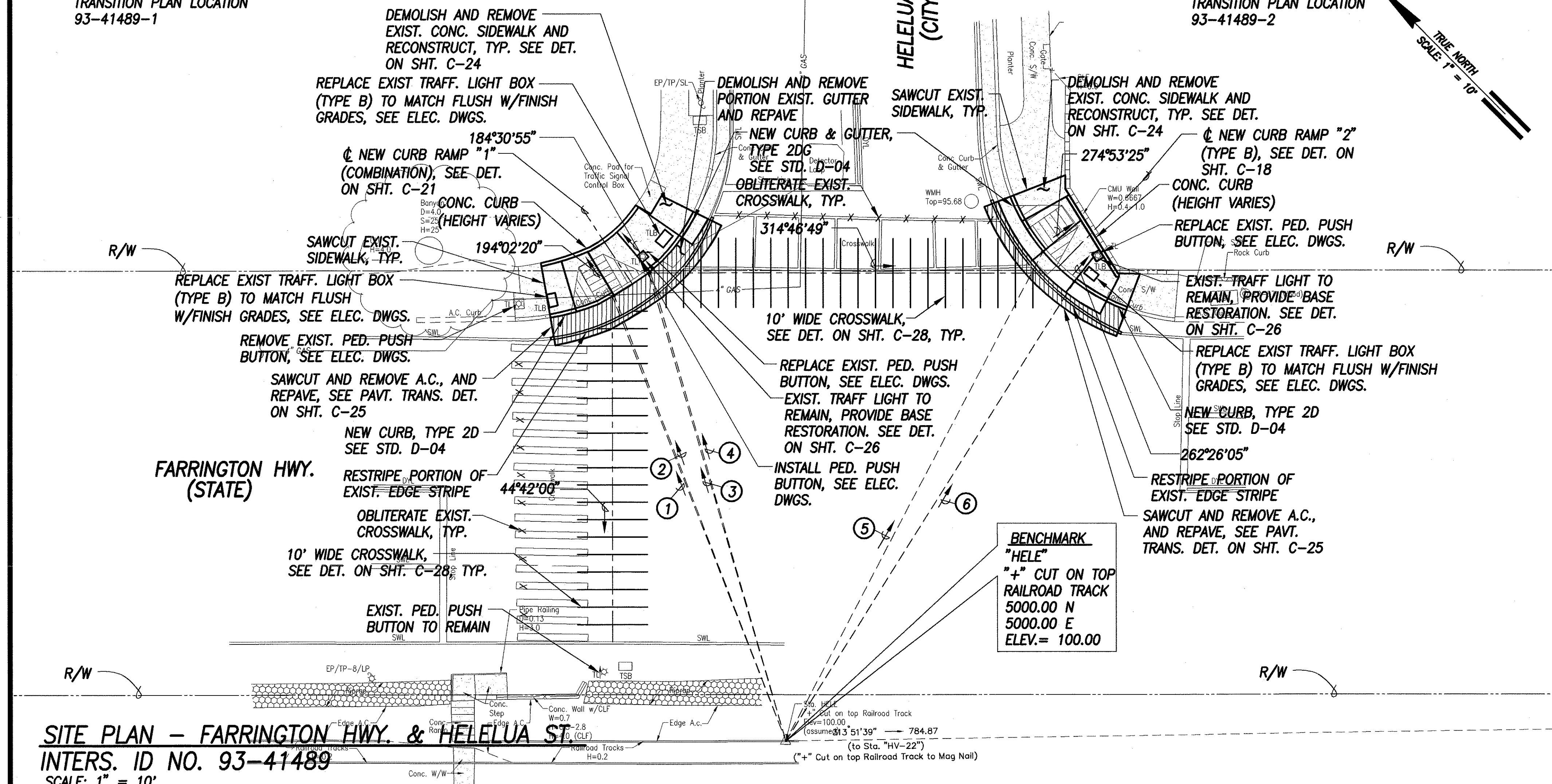
*NOTE: CONTRACTOR TO CONTACT ARBORIST
2 WEEKS PRIOR TO DEMOLITION.

TMK 8-7-06: 30

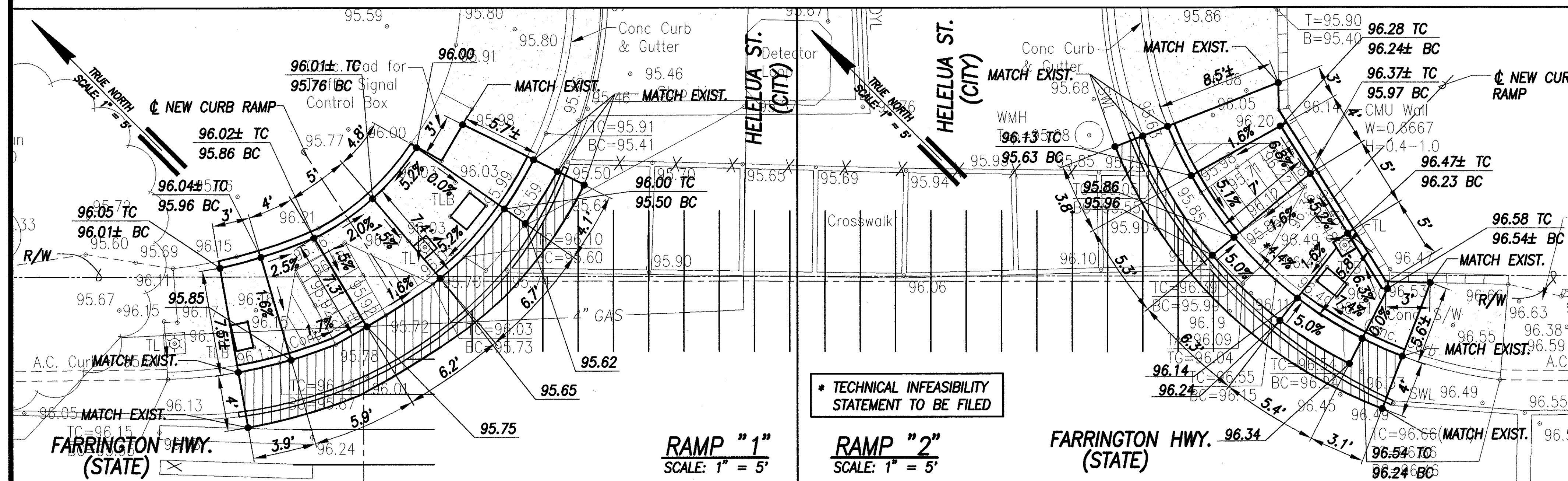
HELELUA ST.
(CITY)

TMK 8-7-06: 08

TRANSITION PLAN LOCATION
93-41489-2



SITE PLAN - FARRINGTON HWY. & HELELUA ST.
INTERS. ID NO. 93-41489
SCALE: 1" = 10'



GRADING PLAN - FARRINGTON HWY. & HELELUA ST.
INTERS. ID NO. 93-41489
SCALE: 1" = 5'

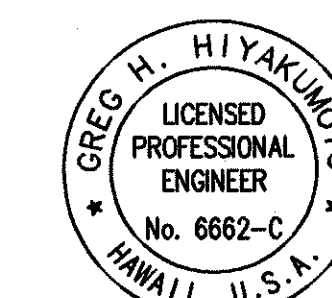
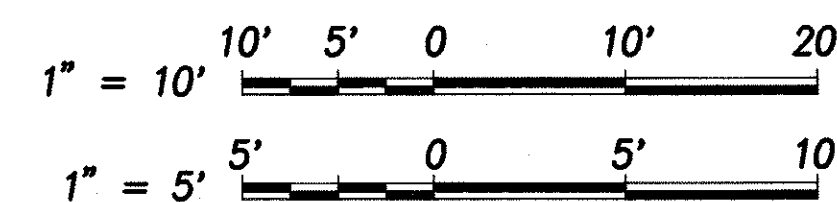
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	47	128

- 203°30'36" 68.58'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 203°44'27" 68.62'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 208°28'20" 70.13'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 208°42'04" 70.25'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 252°20'52" 79.46'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 256°44'57" 77.94'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE

LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

GRAPHIC SCALES



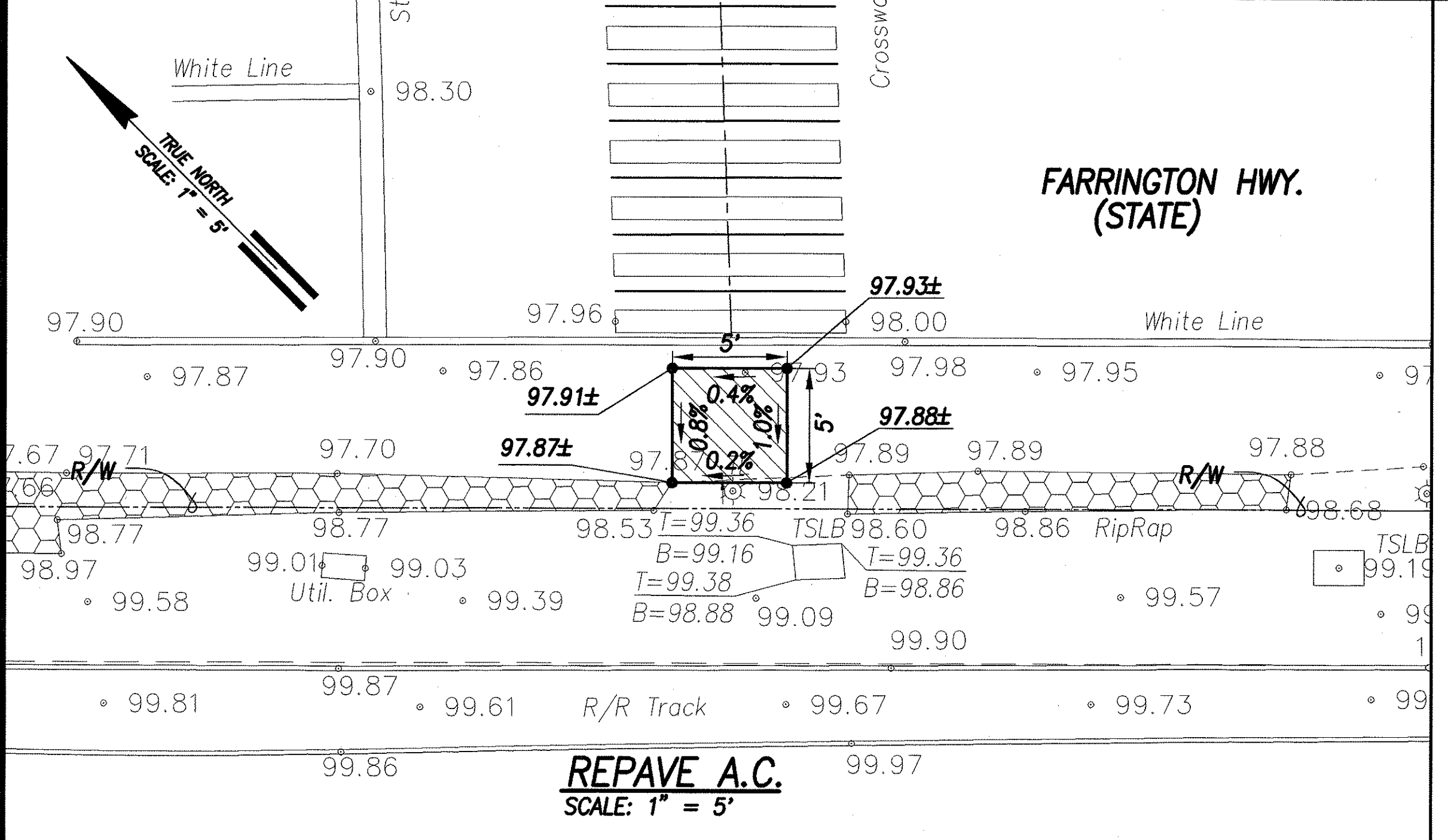
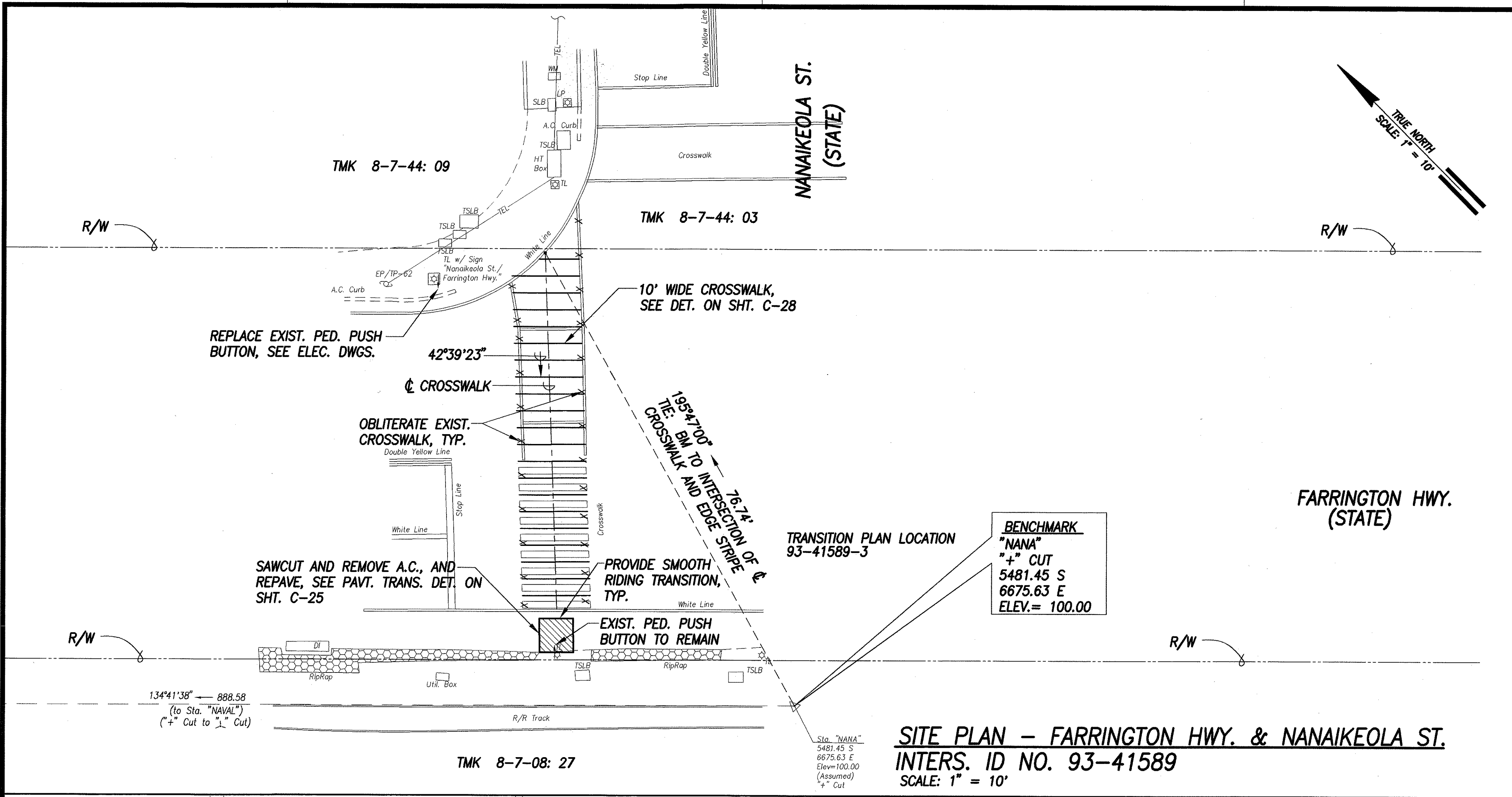
THIS WORK WAS PREPARED BY ME OR UNDER
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PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED
IN CHAPTER 16-115, HAWAII ADMINISTRATIVE
RULES ENTITLED "PROFESSIONAL ENGINEERS,
ARCHITECTS, SURVEYORS AND LANDSCAPE
ARCHITECTS".

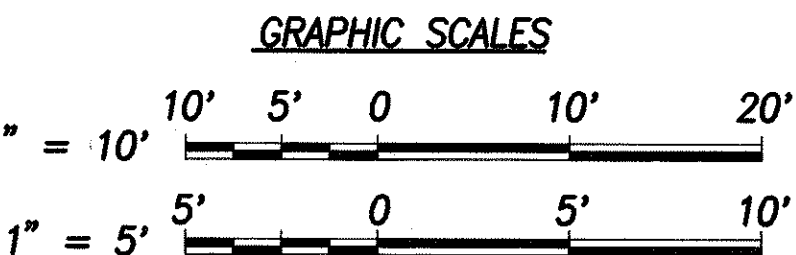
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE & GRADING PLAN
FARRINGTON HWY. & HELELUA ST.
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: AS SHOWN Date: AUGUST 2004
SHEET No. C-46 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	48	128



GRADING PLAN - FARRINGTON HWY. & NANAIKEOLA ST.
INTERS. ID NO. 93-41589
 SCALE: 1" = 5'

- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *Greg H. Hiyakimoto* DATE: *8/13/04*

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

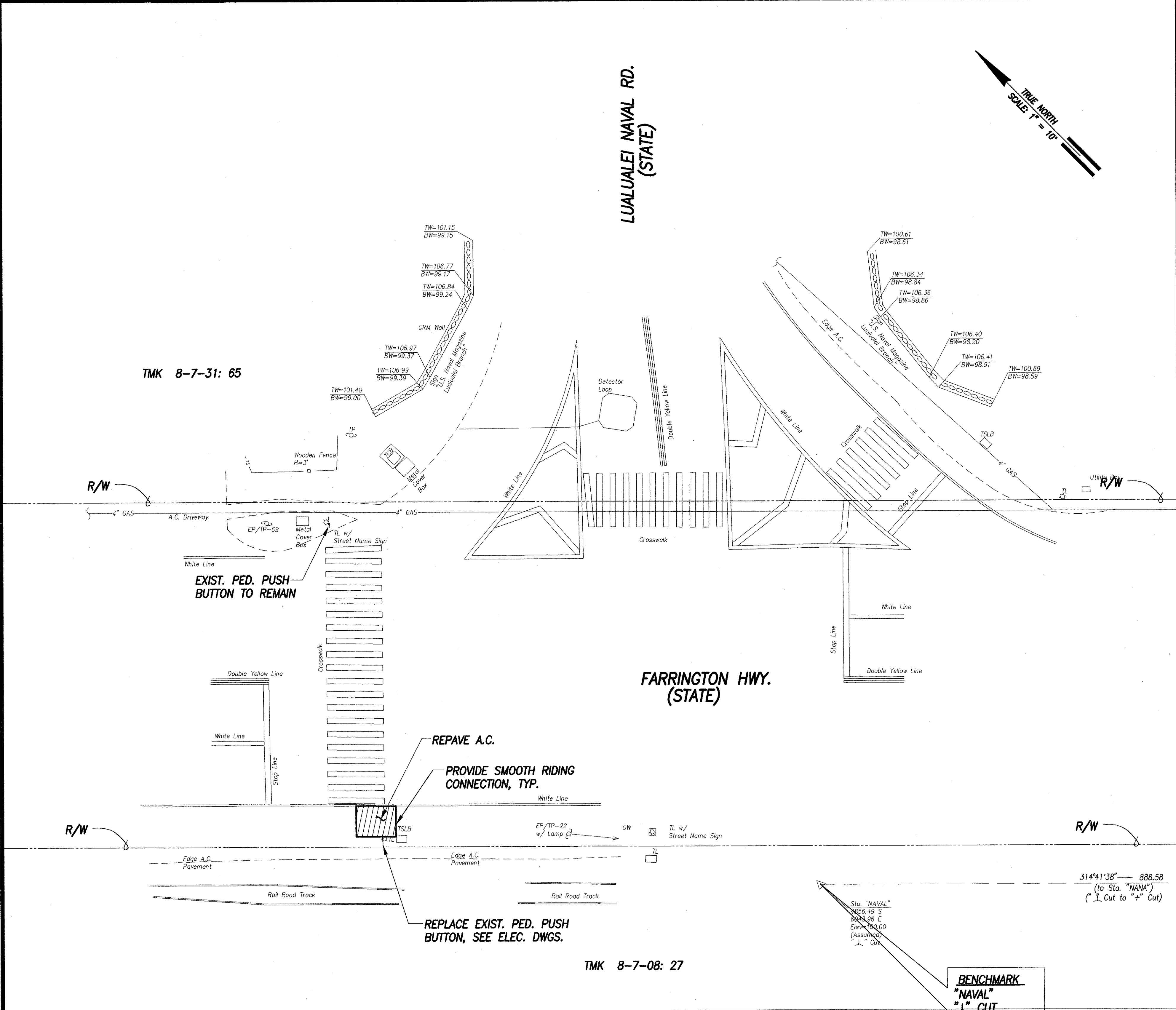
SITE & GRADING PLAN
FARRINGTON HWY. & NANAIKEOLA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

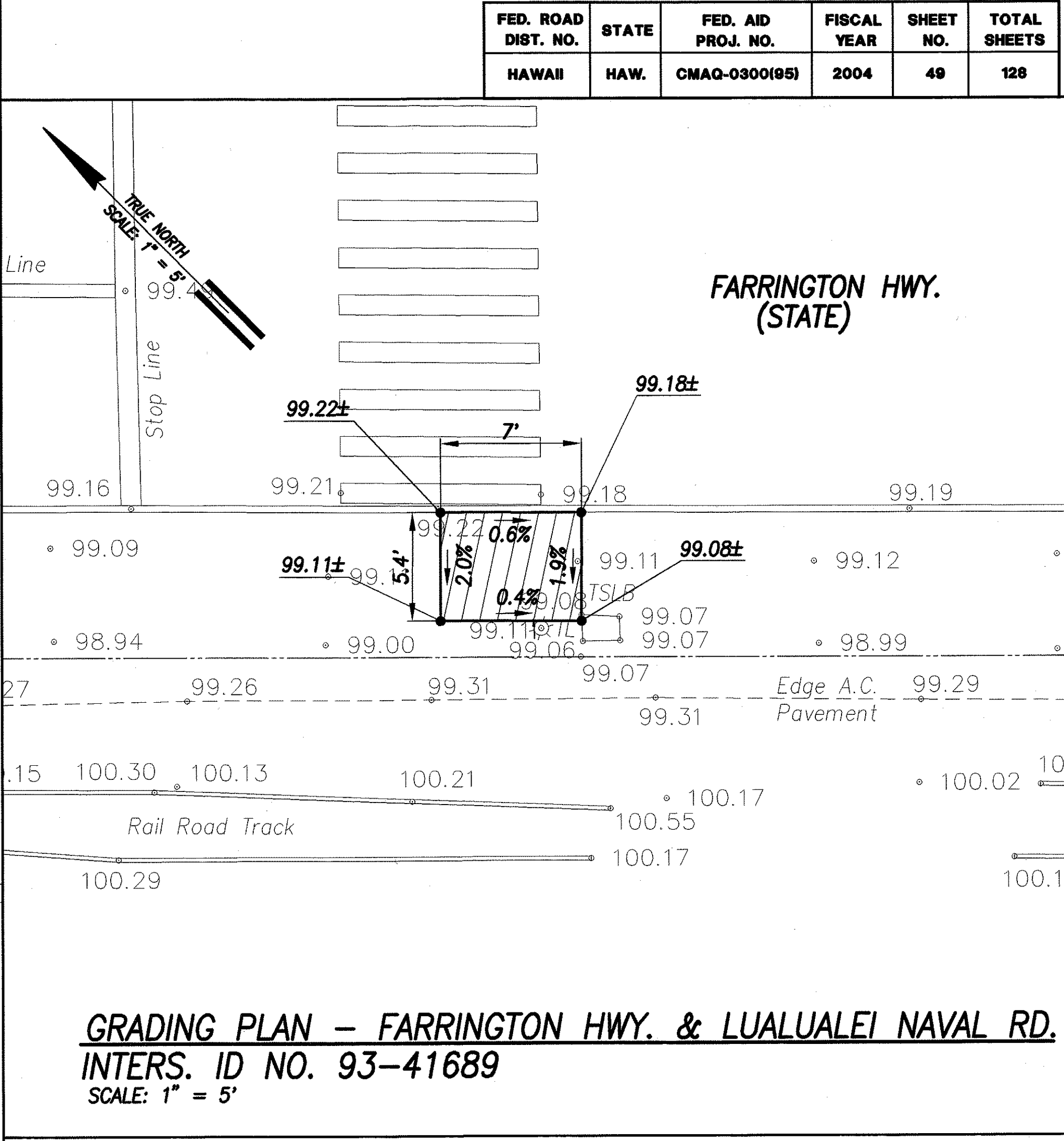
Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-47 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	49	128



SITE PLAN - FARRINGTON HWY. & LUALUALEI NAVAL RD.
INTERS. ID NO. 93-41689
 SCALE: 1" = 10'



LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

FARRINGTON HWY.

GRAPHIC SCALES

1" = 10' 10' 5' 0 10' 20'

1" = 5' 5' 0 5' 10'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
FARRINGTON HWY. & LUALUALEI NAVAL RD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-48 OF 93 SHEETS

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

License Expiration Date April 30, 2006

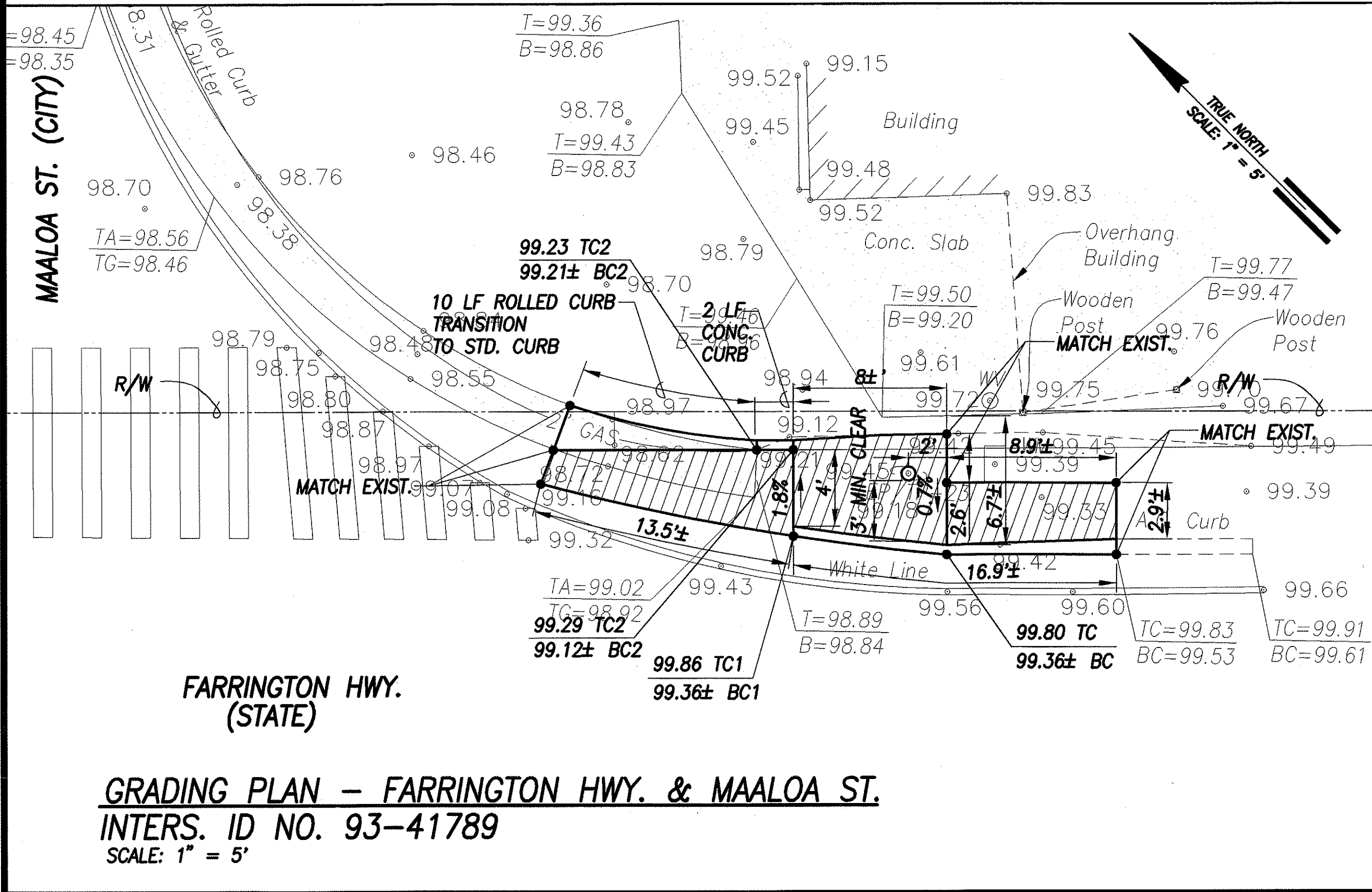
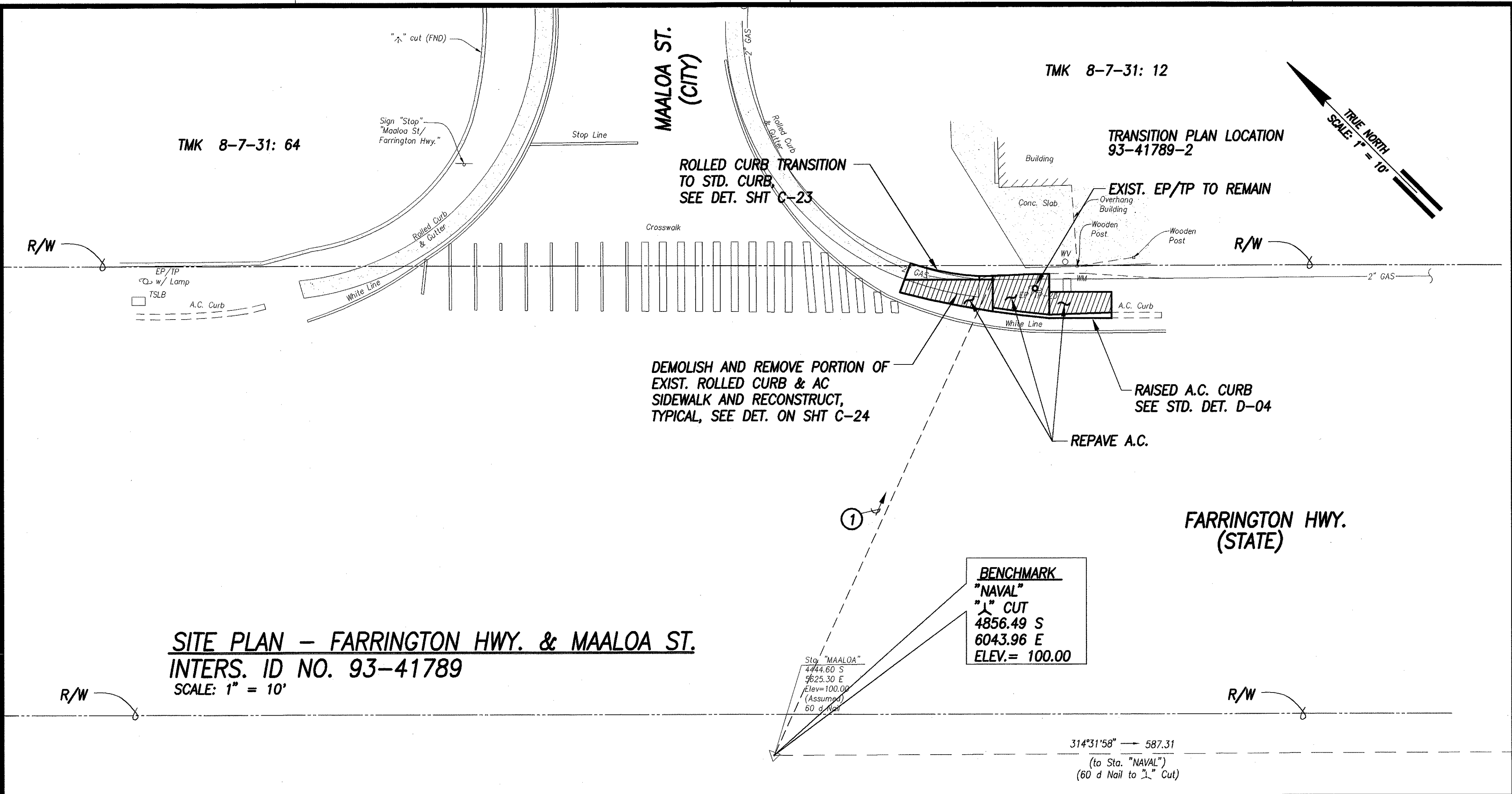
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SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	50	128

① 249°22'54" 74.42'
TIE: BM TO INTERSECTION OF
ROLLED CURB AND STD. CURB



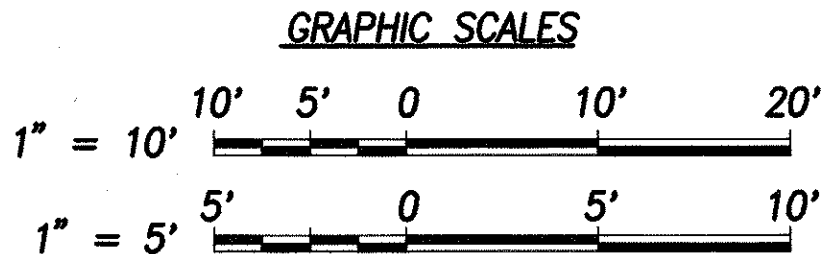
LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB
- 99.86 TC1 FINISHED TOP OF CURB
- 99.36± BC1 EXIST. ROAD GRADE
- 99.29 TC2 FINISHED TOP OF CURB
- 99.12± BC2 EXIST. GRADE
- EX. GRD.



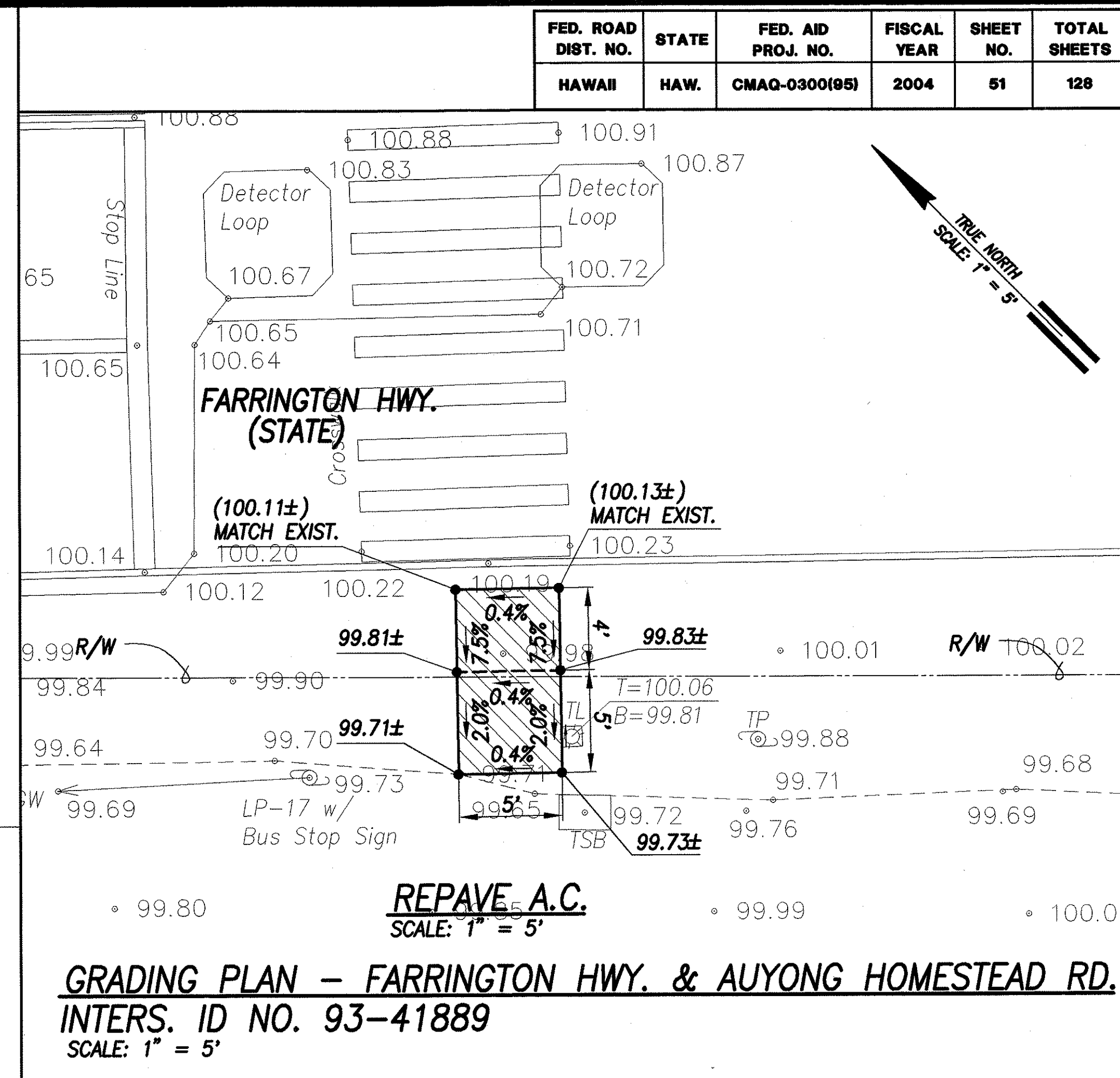
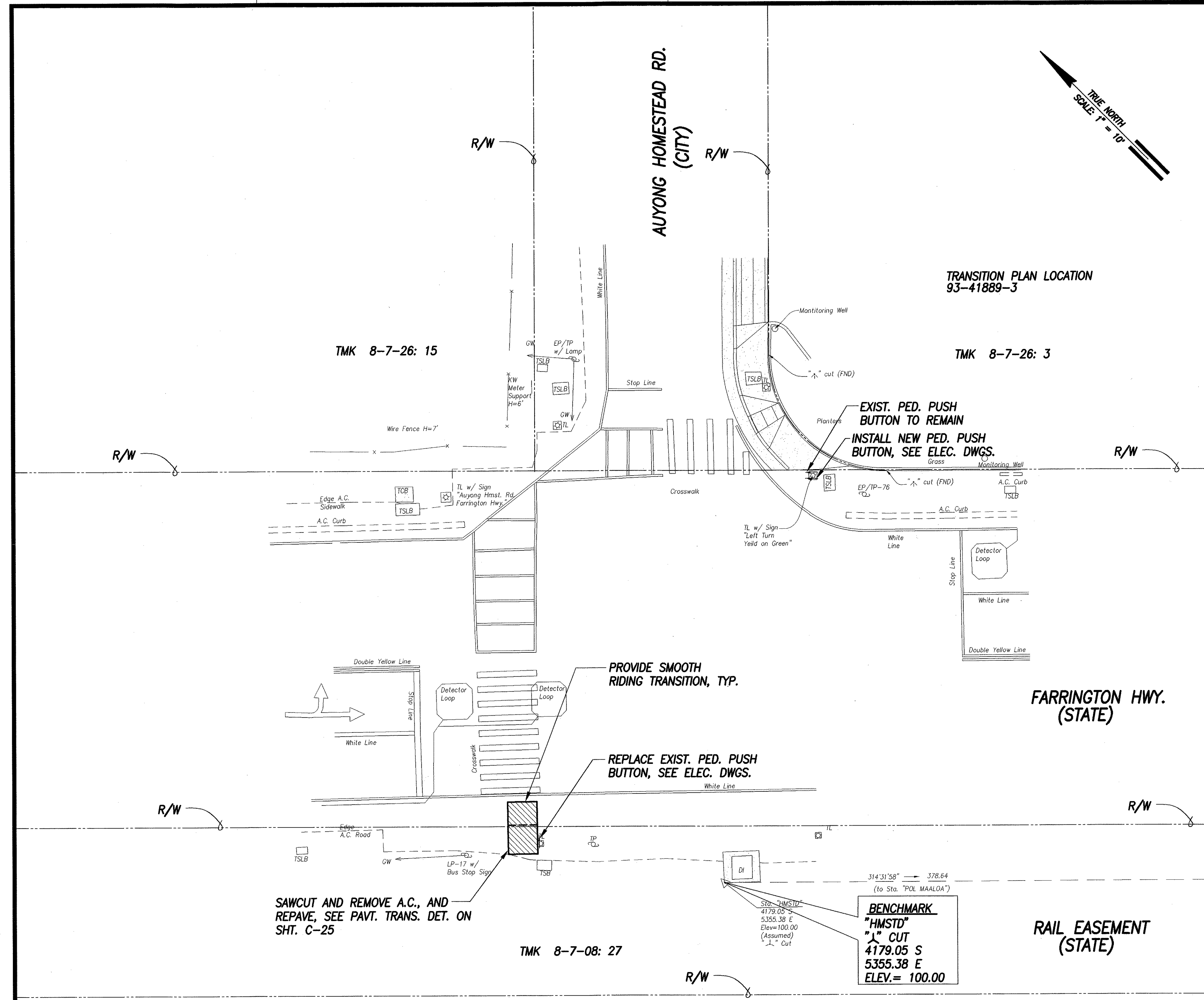
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE
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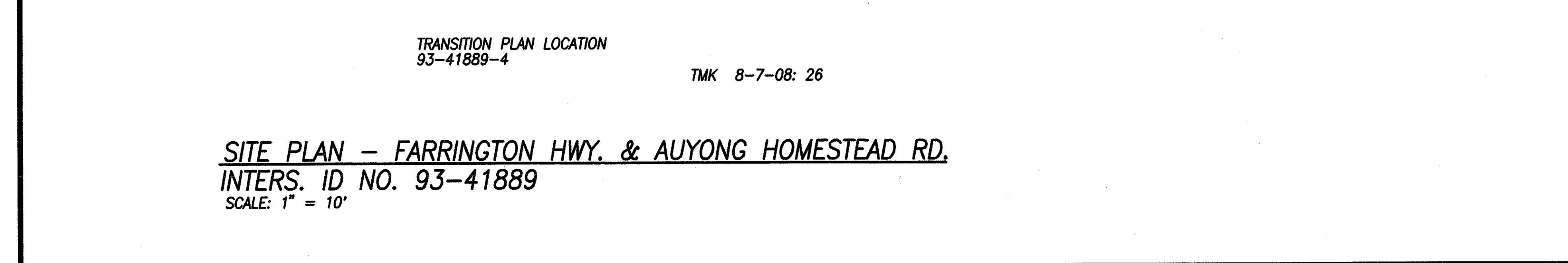


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE & GRADING PLAN
FARRINGTON HWY. & MAALOA ST.
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-49 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	51	128



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



LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

GRAPHIC SCALES

1" = 10' 0' 5' 10' 20'

1" = 5' 0' 5' 10'

GREG H. HIYAKUNDO

LICENSED PROFESSIONAL ENGINEER

No. 6662-C

HAWAII, U.S.A.

License Expiration Date April 30, 2008

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SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN - FARRINGTON HWY. & AUYONG HOMESTEAD RD.

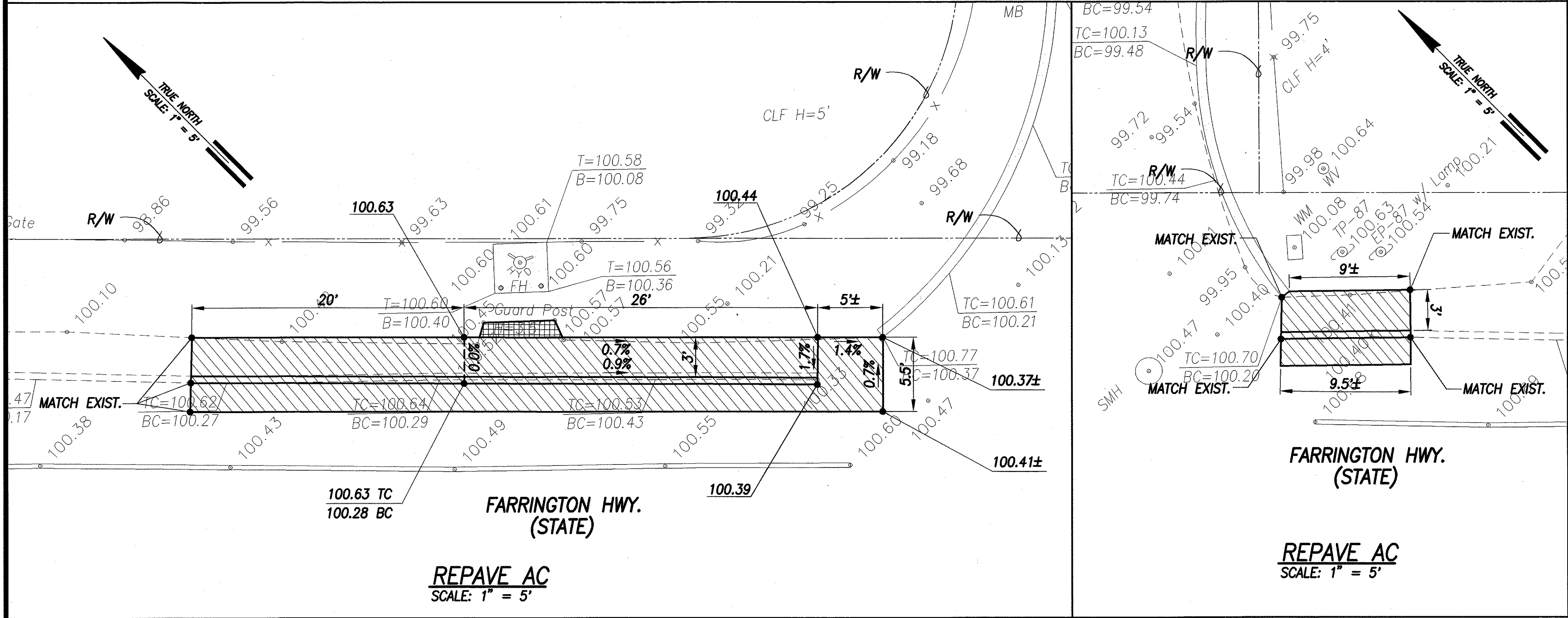
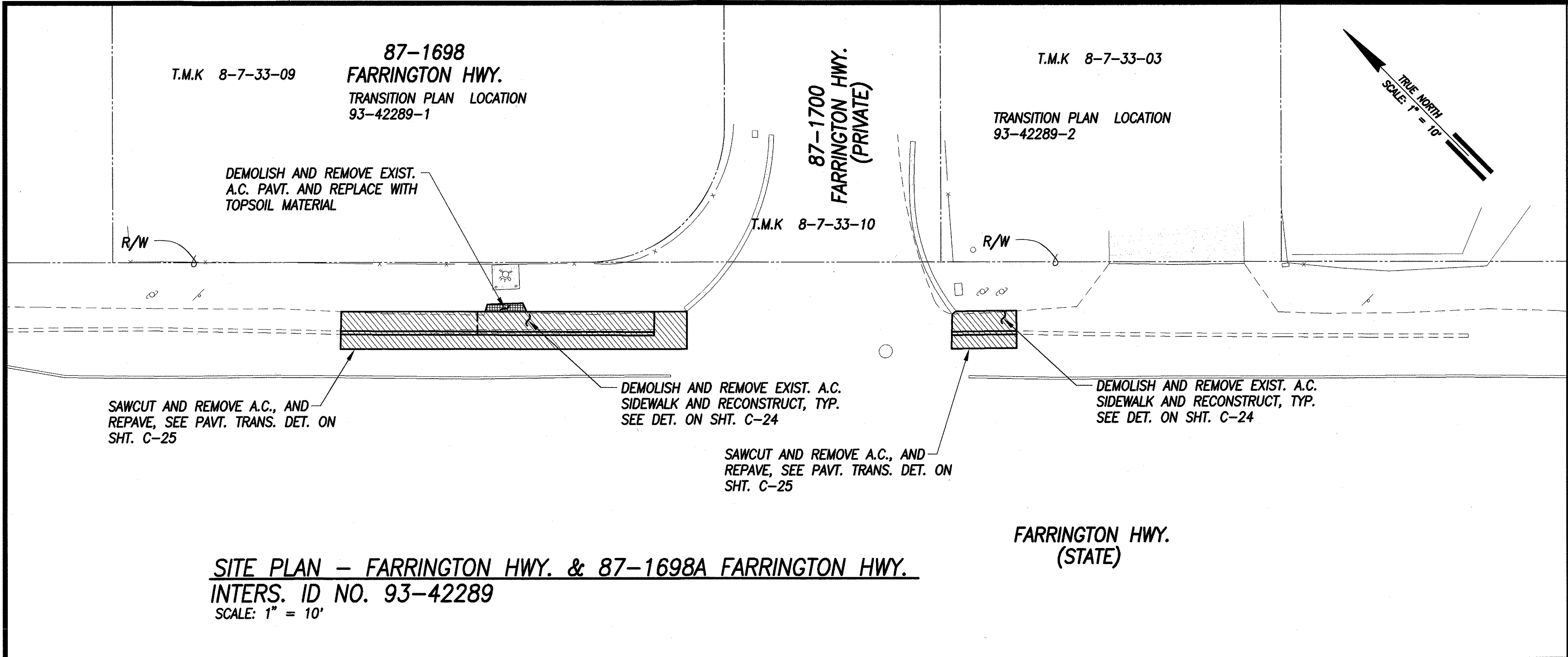
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-50 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	52	128



- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
NO.	



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SIGNATURE: *Greg H. Hiyaungto* DATE: *7/1/04*

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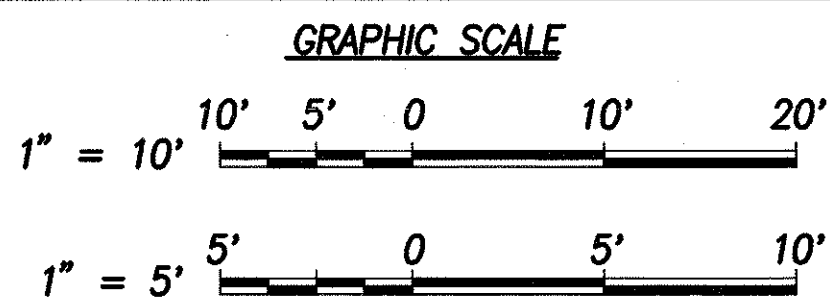
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN - FARRINGTON HWY. & 87-1698A FARRINGTON HIGHWAY

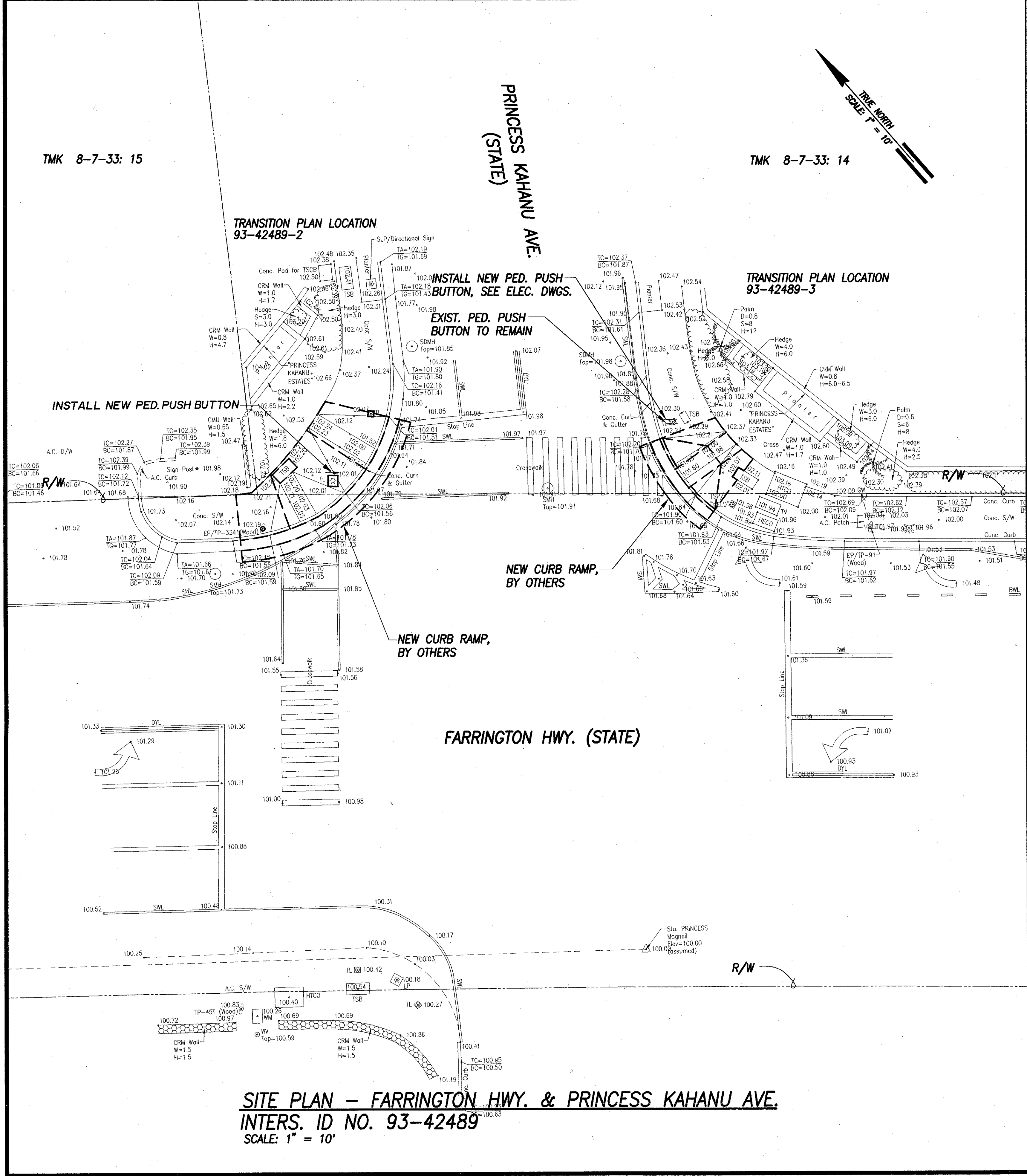
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

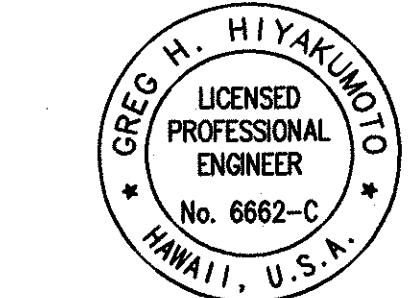
SHEET No. C-51 OF 93 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	53	128



DATE	_____
SURVEY PLANNED BY	_____
DESIGNED BY	_____
NOTED BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____



License Expiration Date April 30, 2006

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SIGNATURE: *[Signature]* DATE: *[Date]*

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS."

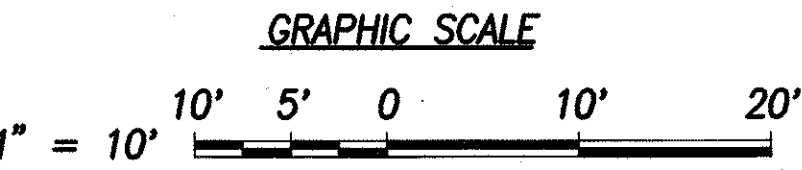
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
FARRINGTON HWY. & PRINCESS KAHANU AVE.

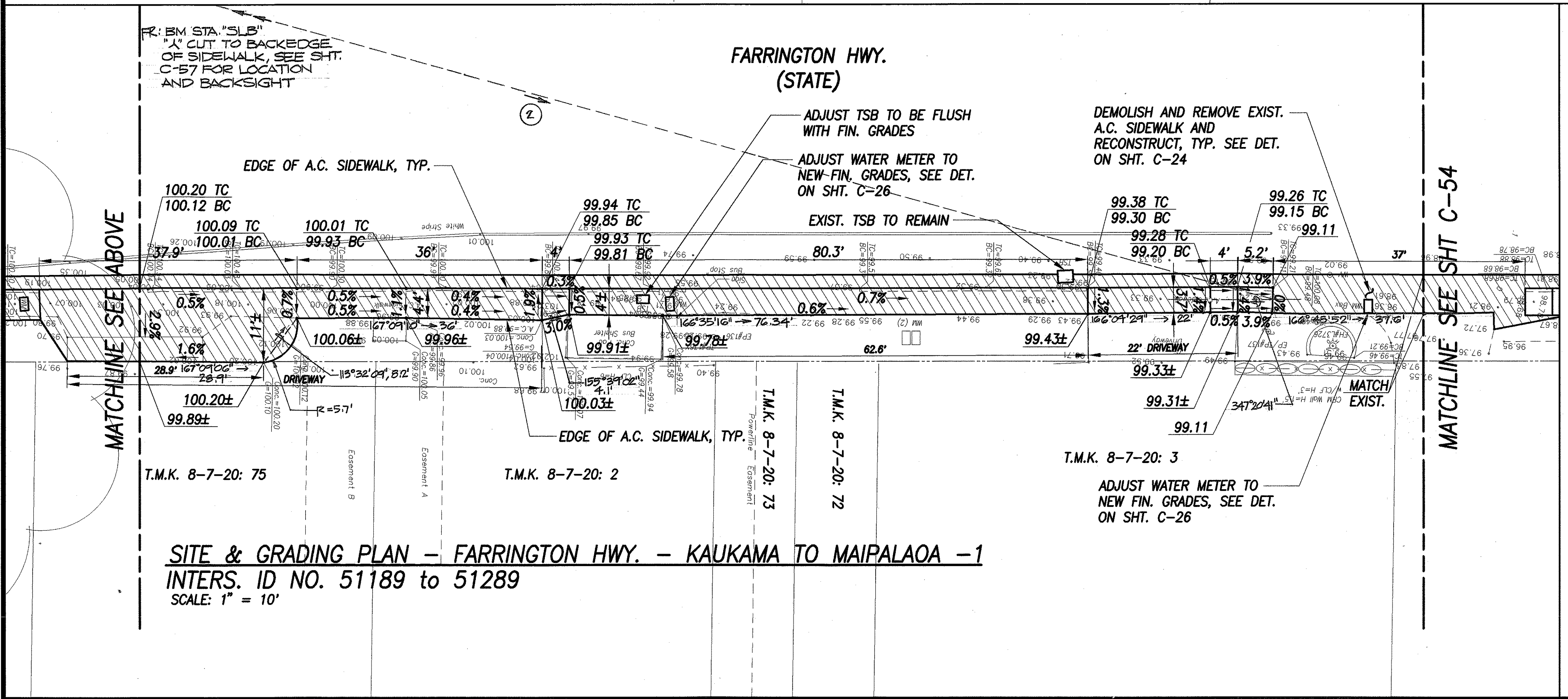
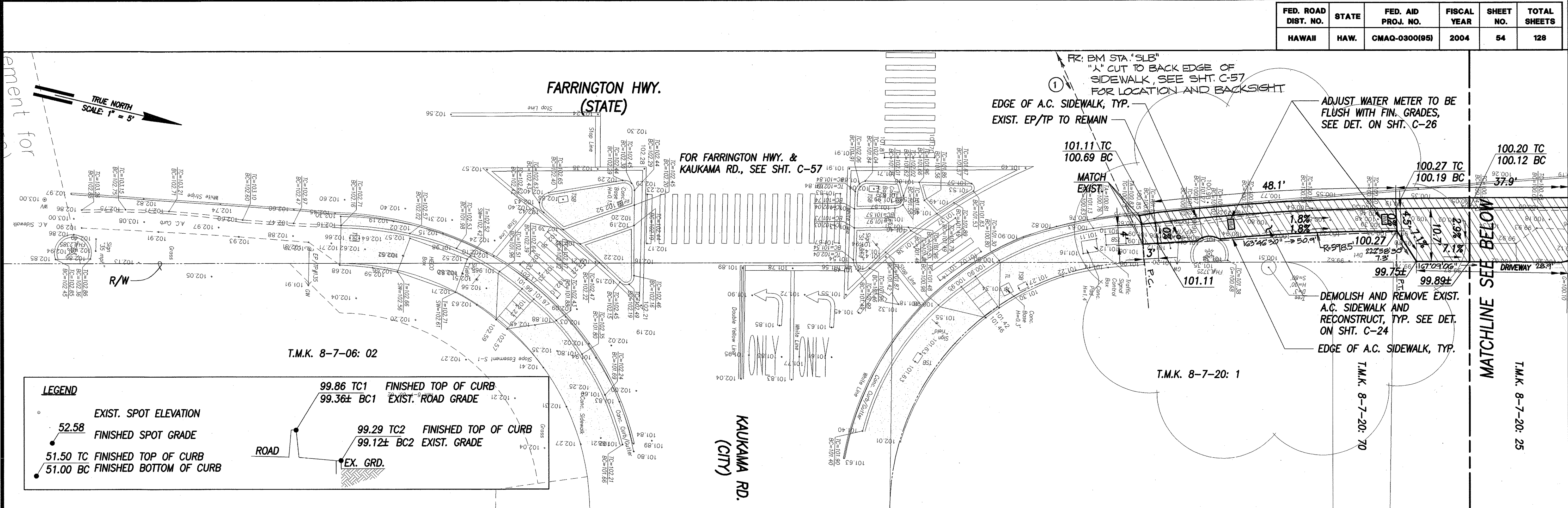
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-52 OF 93 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	54	128



1) 231'36"42", 88.85'
TIE: BM (STA. "SLB", "A" CUT) TO BACK EDGE OF SIDEWALK (P.C.)

2) 182'27"15", 278.15'
TIE: BM (STA. "SLB", "A" CUT) TO C. OF CURB RAMP

GRAPHIC SCALE

1" = 10' 10' 5' 0 10' 20'

Greg H. Hiyanoto 8/19/04
Principal Executive Maintenance Unit, BWS

Date

GREG H. HIYANOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN - FARRINGTON HWY. - KAUKAMA TO MAIPALAOA -1

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

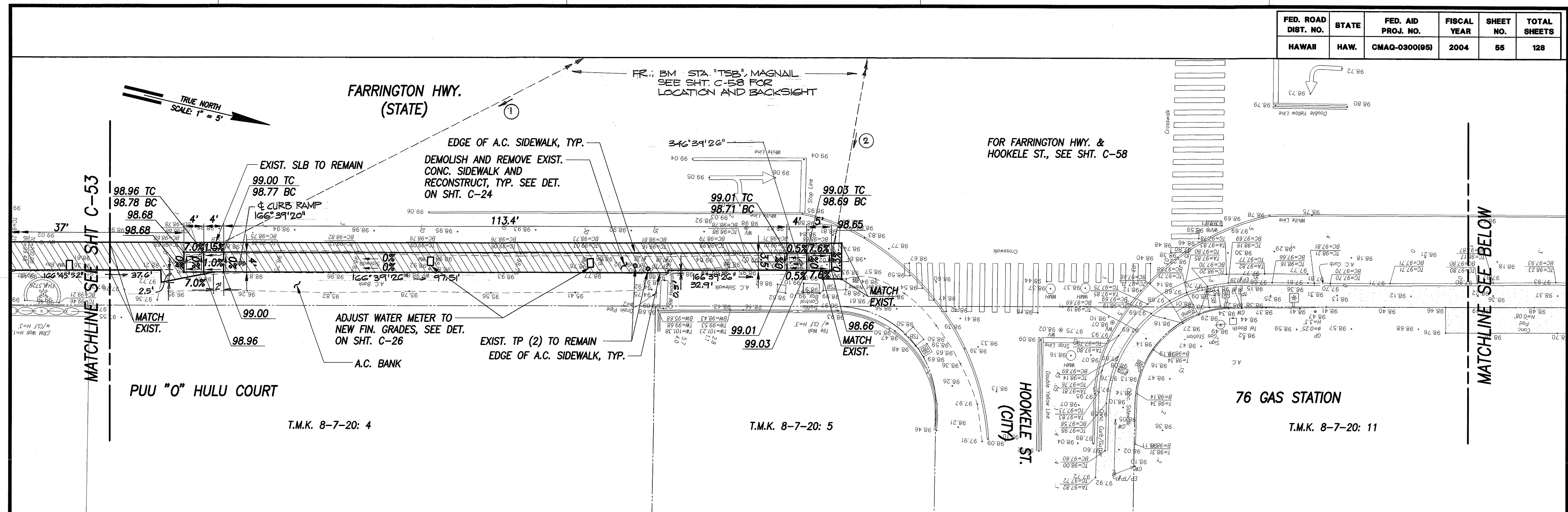
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0" Date: AUGUST 2004

SHEET No. C-53 OF 94 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	55	128



LEGEND

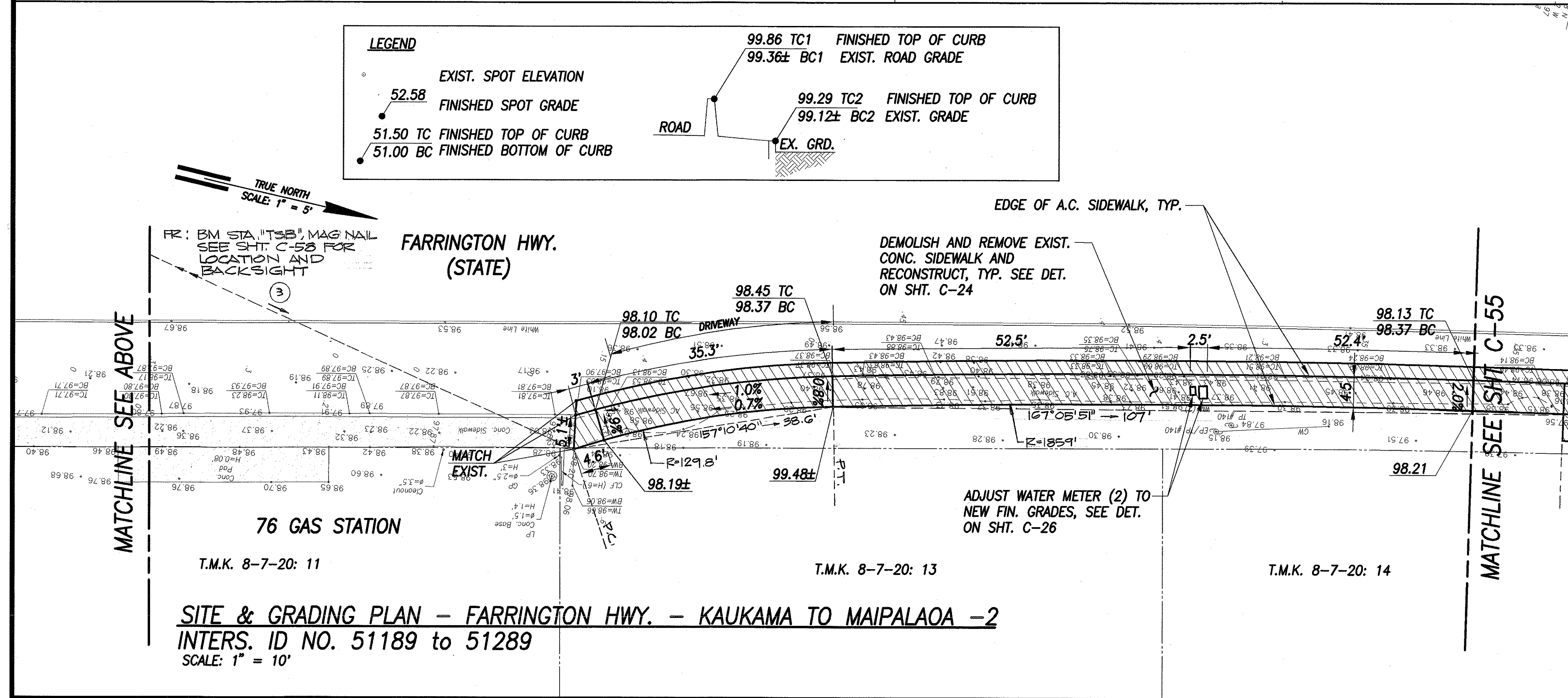
- EXIST. SPOT ELEVATION
- FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB
- 99.86 TC1 FINISHED TOP OF CURB
- 99.36± BC1 EXIST. ROAD GRADE
- 99.29 TC2 FINISHED TOP OF CURB
- 99.12± BC2 EXIST. GRADE
- EX. GRD.

① 140°08'46", 154.74'
TIE: BM (STA. "TSB", MAG NAIL)
TO CURB RAMP

② 266°38'10", 72.14'
TIE: BM (STA. "TSB", MAG NAIL)
TO CURB RAMP

③ 191°02'20", 195.35'
TIE: BM (STA. "TSB", MAG NAIL)
TO CORNER OF NEW A.C. PAVT.
SIDEWALK (P.C.)

GRAPHIC SCALE
1" = 10' 10' 5' 0' 10' 20'



Principal Executive
Maintenance Unit, BWS

8/19/04
Date

GREG H. HIYAKUNDO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
HAWAII, U.S.A.

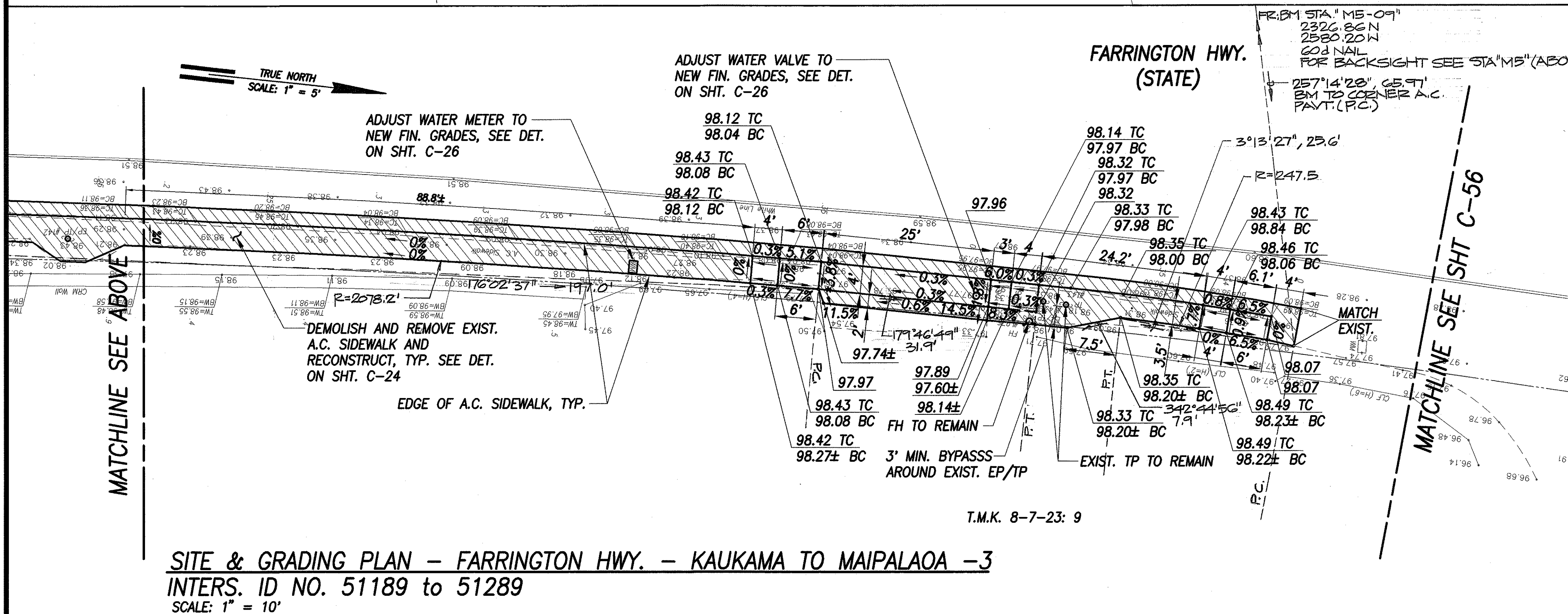
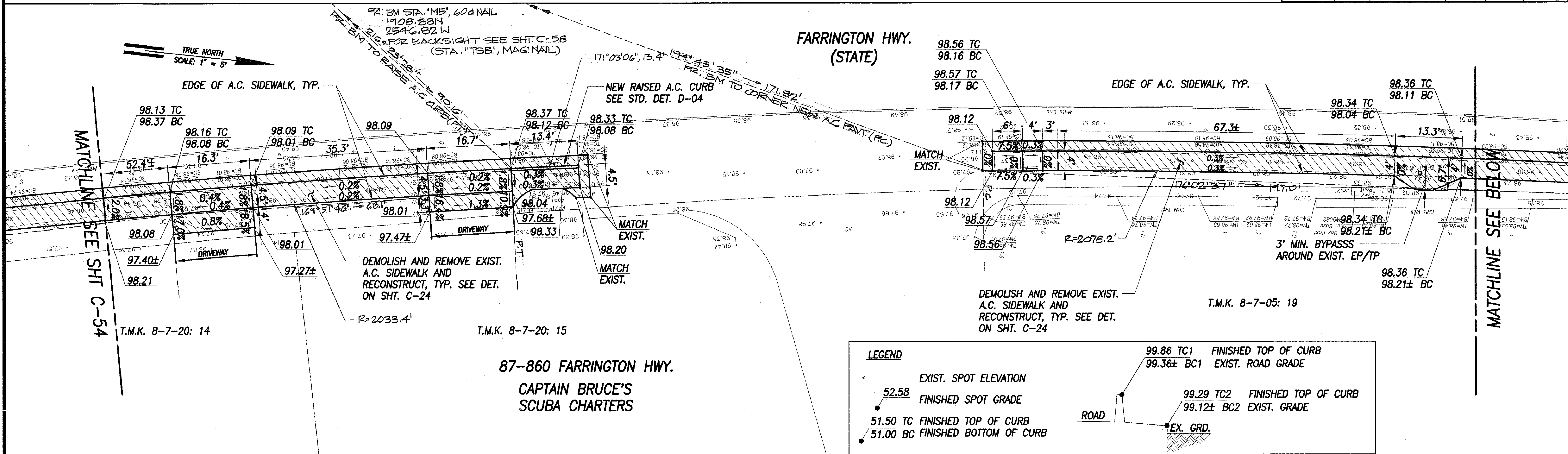
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

April 30, 2006
EXPIRATION DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

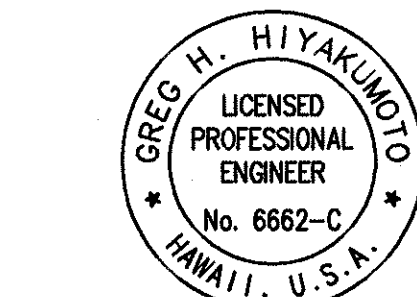
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE & GRADING PLAN - FARRINGTON HWY. - KAUKAMA TO MAIPALAOA -2
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-54 OF 94 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	56	128



SITE & GRADING PLAN - FARRINGTON HWY. - KAUKAMA TO MAIPALAOA -3
INTERS. ID NO. 51189 to 51289
SCALE: 1" = 10'

Principal Executive
Maintenance Unit, BWS



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE & GRADING PLAN - FARRINGTON HWY. - KAUKAMA TO MAIPALAOA -3
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 10'-0"
Date: AUGUST 2004
SHEET No. C-55 OF 94 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	57	128

FARRINGTON HWY. (STATE)

TRUE NORTH
SCALE: 1" = 5'

LEGEND

- EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB
- 99.86 TC1 FINISHED TOP OF CURB
- 99.36± BC1 EXIST. ROAD GRADE
- 99.29 TC2 FINISHED TOP OF CURB
- 99.12± BC2 EXIST. GRADE
- EX. GRD.

MATCHLINE SEE SHT. C-55

MATCHLINE SEE BELOW

T.M.K. 8-7-23: 47

T.M.K. 8-7-23: 7

T.M.K. 8-7-23: 6

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

T.M.K. 8-7-23: 9

T.M.K. 8-7-23: 8

T.M.K. 8-7-23: 7

T.M.K. 8-7-23: 6

T.M.K. 8-7-23: 5

T.M.K. 8-7-23: 4

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

T.M.K. 8-7-23: 9

T.M.K. 8-7-23: 8

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T.M.K. 8-7-23: 4

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T.M.K. 8-7-23: 0

T.M.K. 8-7-23: 9

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T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

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T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

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T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

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T.M.K. 8-7-23: 4

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

T.M.K. 8-7-23: 9

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T.M.K. 8-7-23: 5

T.M.K. 8-7-23: 4

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

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T.M.K. 8-7-23: 6

T.M.K. 8-7-23: 5

T.M.K. 8-7-23: 4

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

T.M.K. 8-7-23: 9

T.M.K. 8-7-23: 8

T.M.K. 8-7-23: 7

T.M.K. 8-7-23: 6

T.M.K. 8-7-23: 5

T.M.K. 8-7-23: 4

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

T.M.K. 8-7-23: 9

T.M.K. 8-7-23: 8

T.M.K. 8-7-23: 7

T.M.K. 8-7-23: 6

T.M.K. 8-7-23: 5

T.M.K. 8-7-23: 4

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

T.M.K. 8-7-23: 9

T.M.K. 8-7-23: 8

T.M.K. 8-7-23: 7

T.M.K. 8-7-23: 6

T.M.K. 8-7-23: 5

T.M.K. 8-7-23: 4

T.M.K. 8-7-23: 3

T.M.K. 8-7-23: 2

T.M.K. 8-7-23: 1

T.M.K. 8-7-23: 0

57

SITE PLAN - FARRINGTON HWY. & HOOKELE ST.

TRANSITION PLAN LOCATION
93-60989-2

TRANSITION PLAN LOCATION
93-60989-3

LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

GRAPHIC SCALES

1" = 10'

1" = 5'

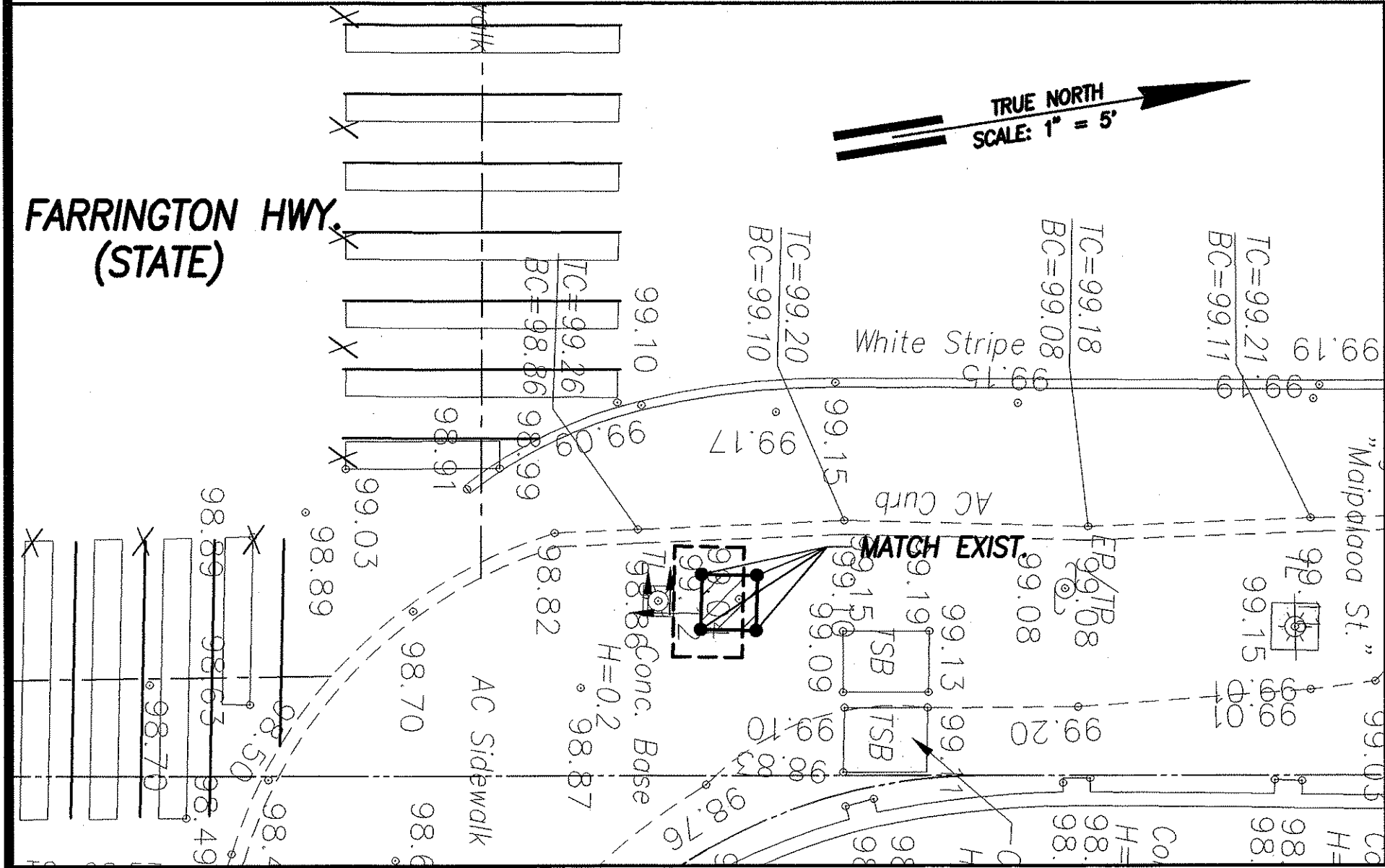
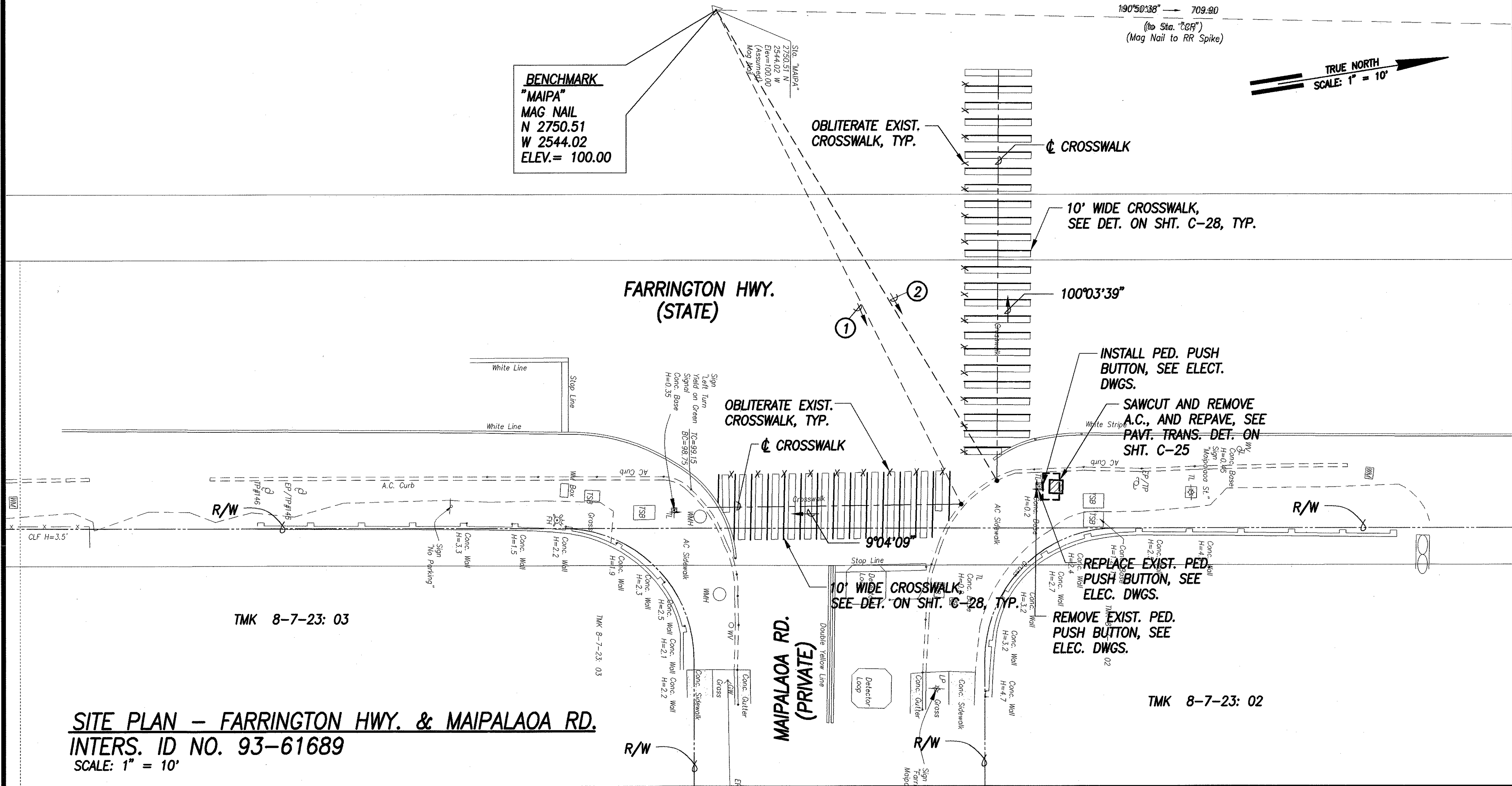
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	59	128

REPAVE A.C.
SCALE: 1" = 5'

REPAVE A.C.
SCALE: 1" = 5'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	60	128

- ① 253°33'36" 83.76'
 TIE: BM TO INTERSECTION OF RAMP
 EDGE AND CURB FACE
- ② 249°07'40" 83.20'
 TIE: BM TO INTERSECTION OF RAMP
 EDGE AND CURB FACE



DATE	SURVEY PLOTTED BY
	DRIVEN BY
	DESIGNED BY
	CHECKED BY
	NO.

GREG H. HIYAKWOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 6662-C
 HAWAII, U.S.A.

License Expiration Date April 30, 2006

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SITE & GRADING PLAN
FARRINGTON HWY. & MAIPALAOA RD.

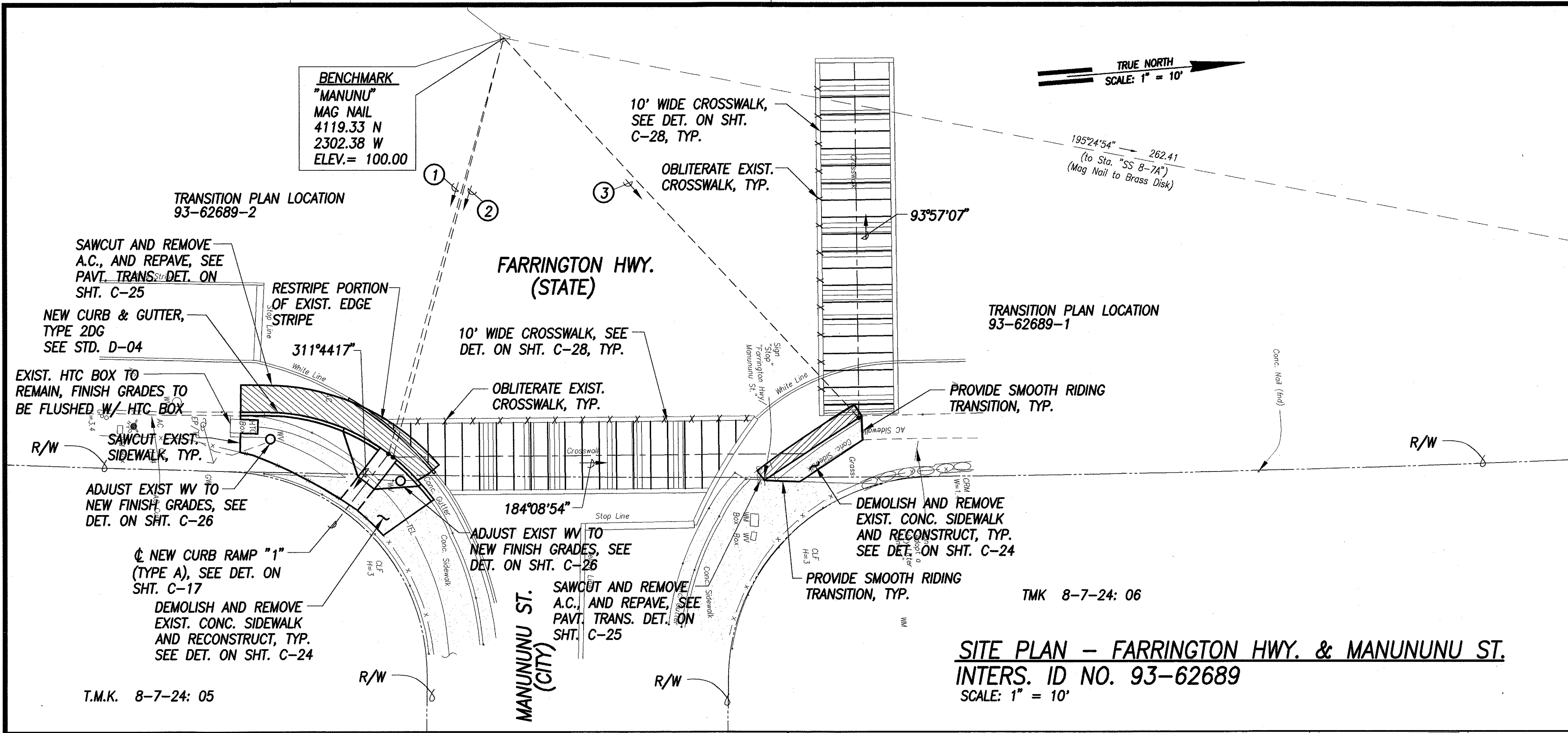
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-59 OF 93 SHEETS

60

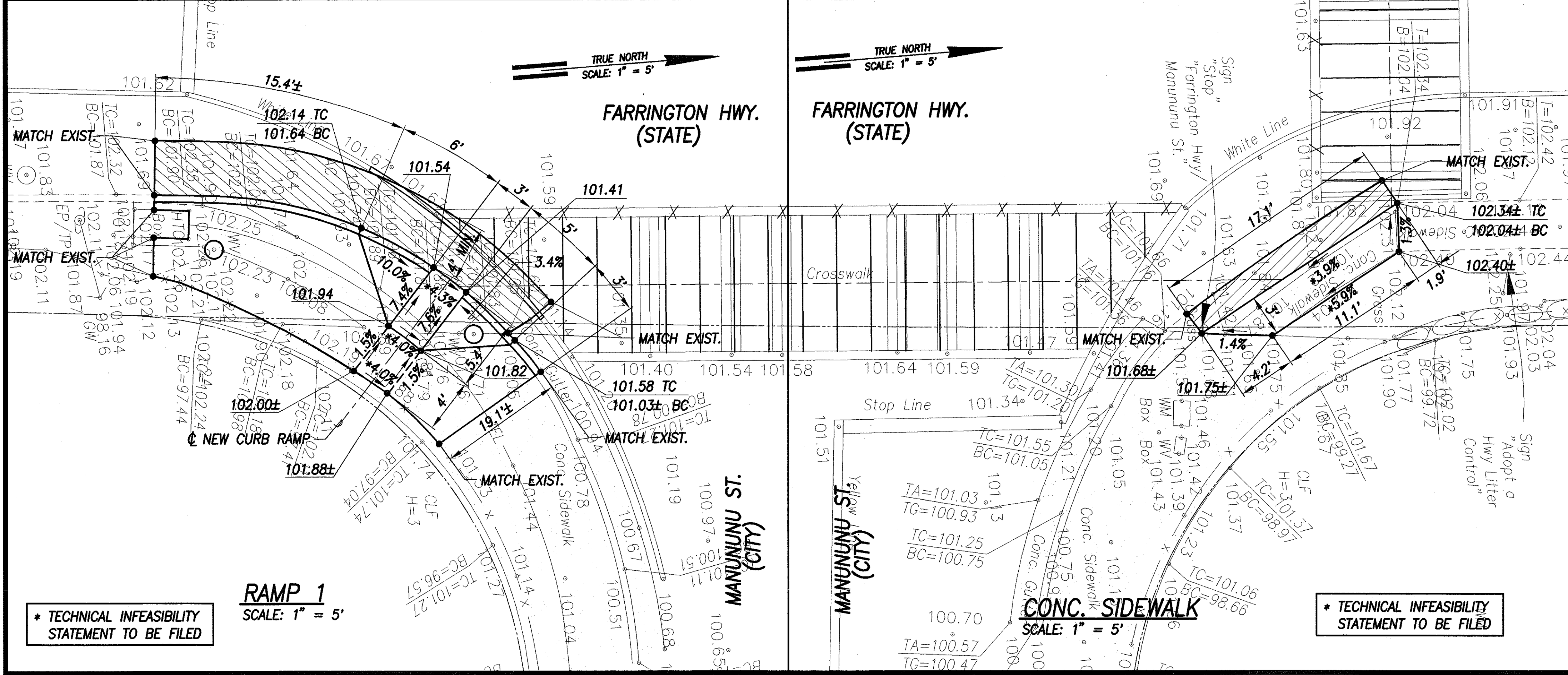
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	61	128



- ① 290°04'35" 63.23'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- ② 289°22'52" 63.53'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- ③ 231°37'20" 76.04'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE

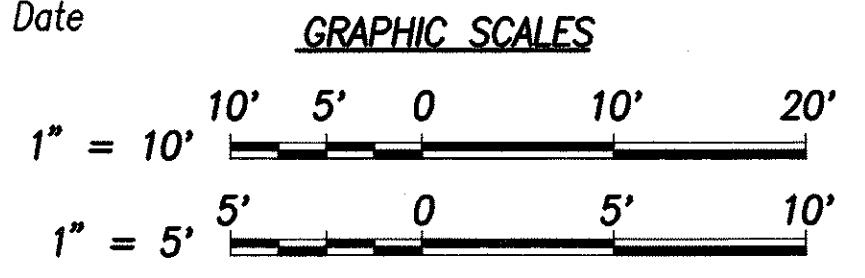
LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB



GRADING PLAN - FARRINGTON HWY. & MANUNUNU ST.
INTER. ID NO. 93-62689
 SCALE: 1" = 5'

Principal Executive
 Maintenance Unit, BWS



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Signature: [Signature]
 Date: April 30, 2006

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SITE & GRADING PLAN
FARRINGTON HWY. & MANUNUNU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-60 OF 94 SHEETS

DATE	.....
SURVEY PLOTTED BY	.....
DRAWN BY	.....
DESIGNED BY	.....
CHECKED BY	.....
NOTE BOOK	.....
QUANTITIES BY	.....
ORIGINAL PLAN	.....

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	62	128

MAILI CHURCH OF THE NAZARENE

TRANSITION PLAN LOCATION
93-703989-1

TMK 8-7-14: 01

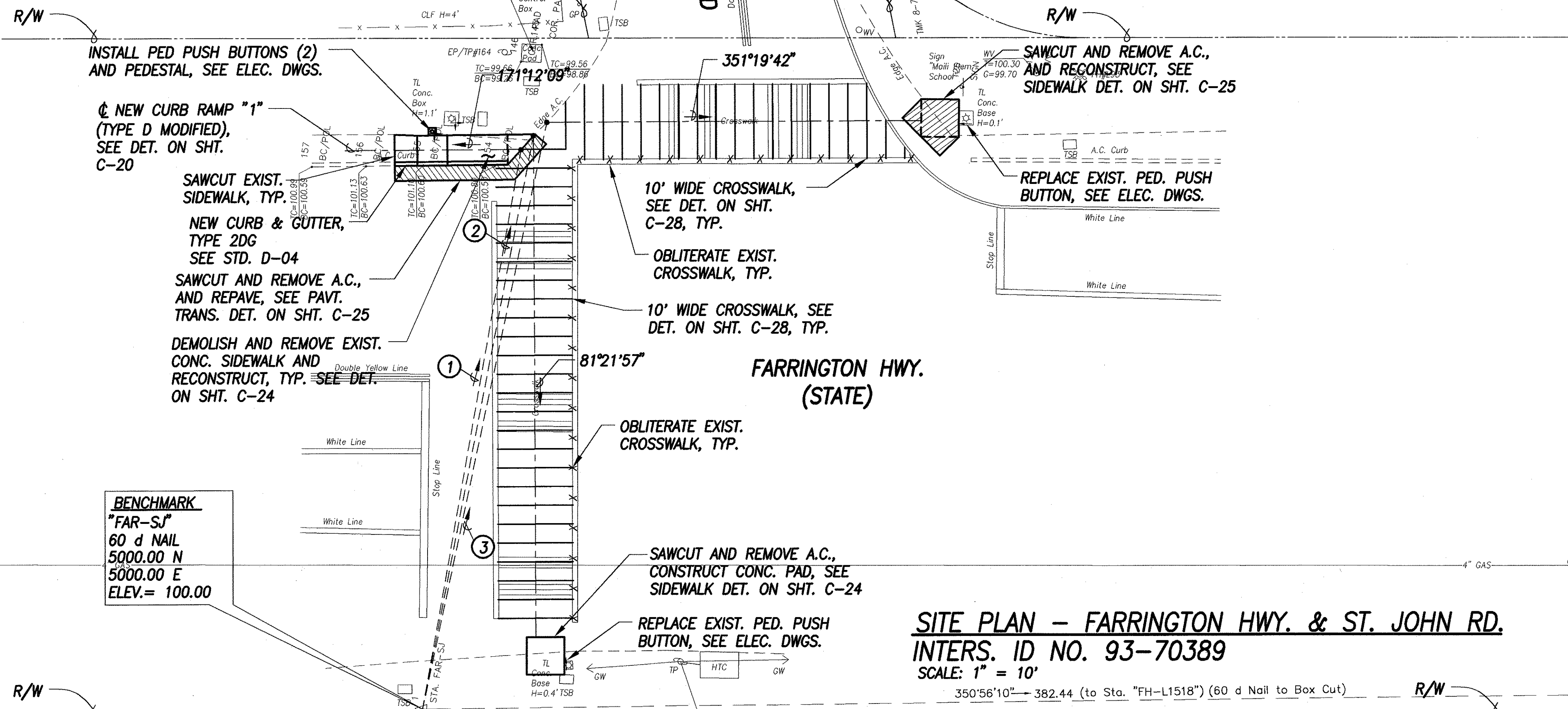
ST. JOHN ROAD
(CITY)

MAILI ELEMENTARY SCHOOL

TRANSITION PLAN LOCATION
93-70389-2

TMK 8-7-25: 05

TRUE NORTH
SCALE: 1" = 10'



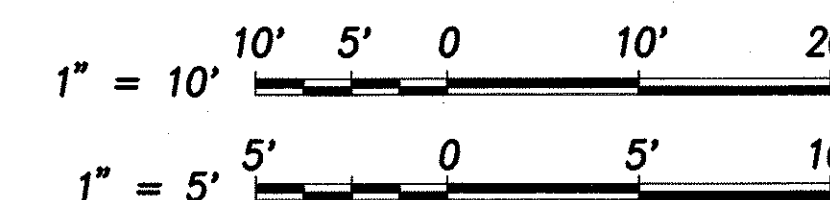
SITE PLAN - FARRINGTON HWY. & ST. JOHN RD.
INTERS. ID NO. 93-70389

SCALE: 1" = 10'

350'56"10" - 382.44 (to Sta. "FH-L1518") (60 d Nail to Box Cut)

- 271°34'21" 75.7'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 272°32'03" 77.84'
TIE: BM TO INTERSECTION OF
CROSSWALK AND EDGE OF AC
- 273°32'32" 79.93'
TIE: BM TO INTERSECTION OF
CROSSWALK AND EDGE OF AC

GRAPHIC SCALES



GRADING PLAN - FARRINGTON HWY. & ST. JOHN RD.
INTERS. ID NO. 93-70389

SCALE: 1" = 10'

LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB



License Expiration
Date April 30, 2006
THIS WORK WAS PREPARED BY ME OR UNDER
MY SUPERVISION AND CONSTRUCTION OF THIS
PROJECT WILL BE UNDER MY OBSERVATION.

7/13/04
DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED
IN CHAPTER 16-115, HAWAII ADMINISTRATIVE
RULES ENTITLED "PROFESSIONAL ENGINEERS,
ARCHITECTS, SURVEYORS AND LANDSCAPE
ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE & GRADING PLAN
FARRINGTON HWY. & ST. JOHN RD.

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

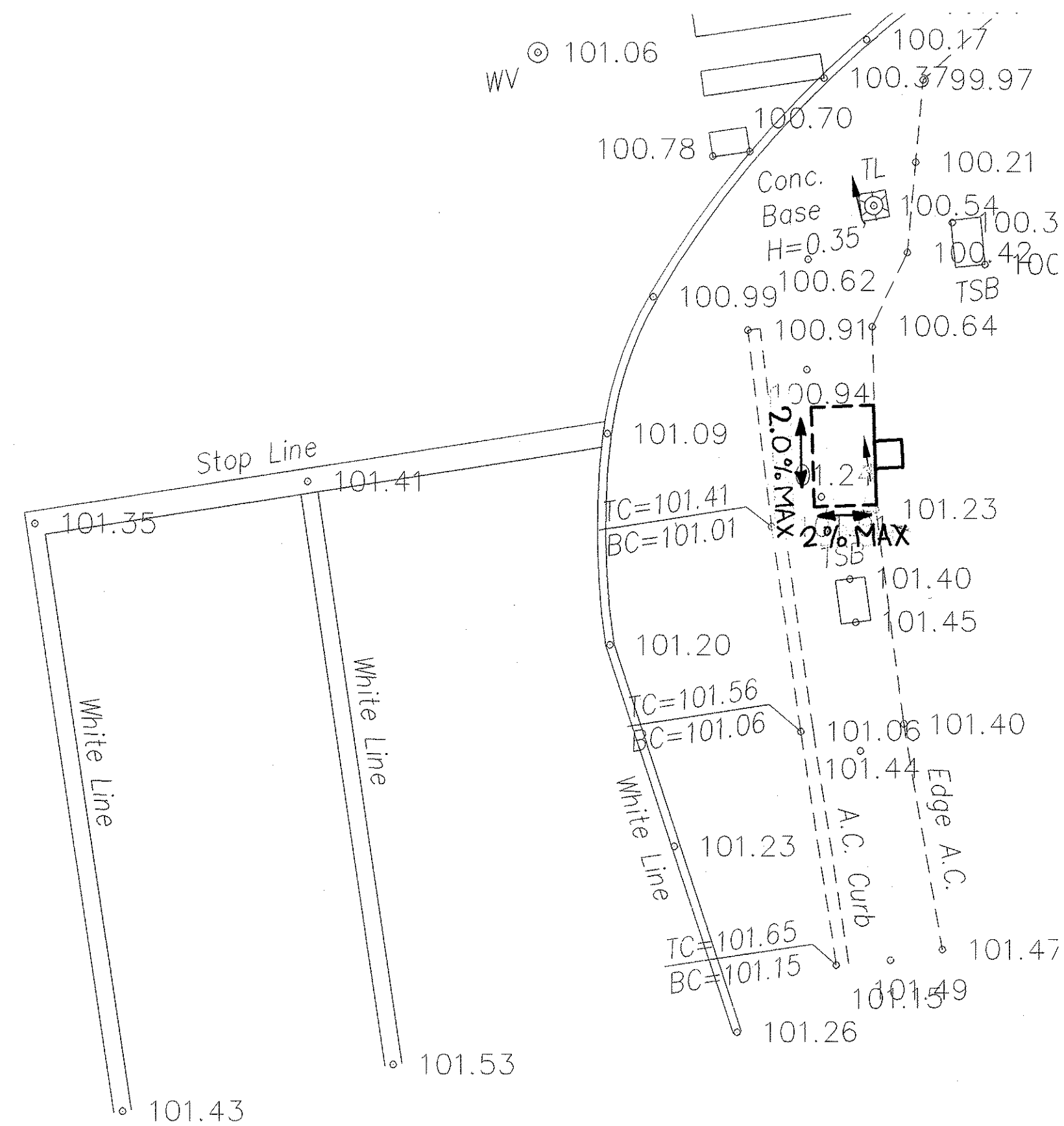
Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-61 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	C.O. 62 S-1	128



SITE PLAN – FARRINGTON HWY. & MALIONA STREET
INTERS. ID NO. 71189-2
SCALE: 1" = 10'



GRADING PLAN – FARRINGTON HWY. & MALIONA STREET
INTERS. ID NO. 71189-2
SCALE: 1" = 5'

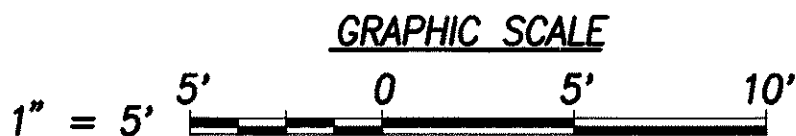
- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB



License Expiration
Date April 30, 2006
THIS WORK WAS PREPARED BY ME OR UNDER
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PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE
"OBSERVATION OF CONSTRUCTION" IS DEFINED
IN CHAPTER 16-115, HAWAII ADMINISTRATIVE
RULES ENTITLED "PROFESSIONAL ENGINEERS,
ARCHITECTS, SURVEYORS AND LANDSCAPE
ARCHITECTS".

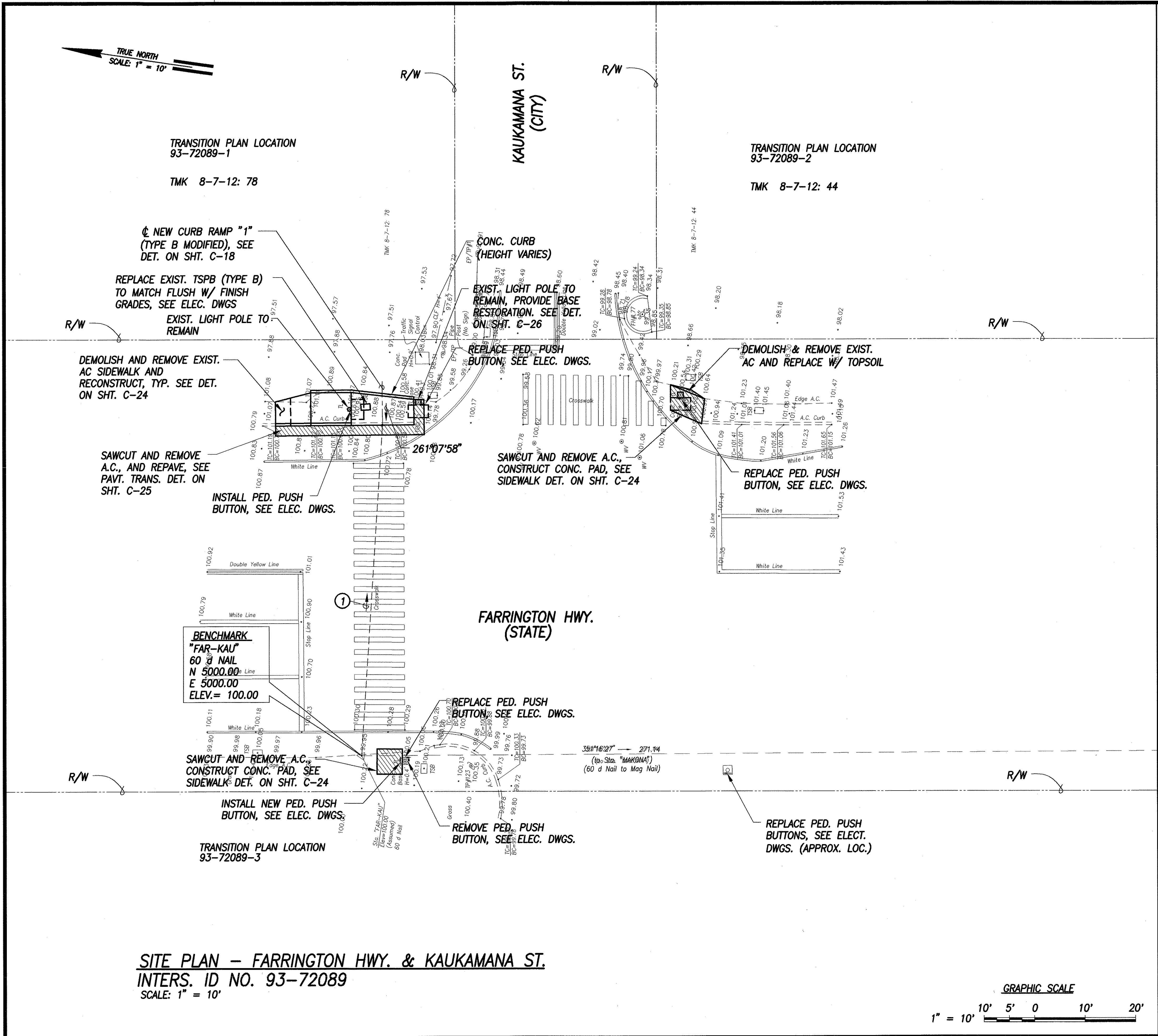
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE AND GRADING PLAN
FARRINGTON HWY. & MALIONA ST.(EAST)
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 5'-0" Date: AUGUST 2004
SHEET No. C-61A OF 93 SHEETS



"AS-BUILT" C.O. 62 S-1

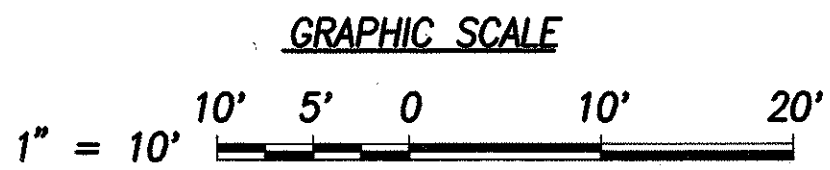
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	63	128

① 265°13'52" 65.96'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE



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

SITE PLAN - FARRINGTON HWY. & KAUKAMANA ST.
INTERS. ID NO. 93-72089
 SCALE: 1" = 10'



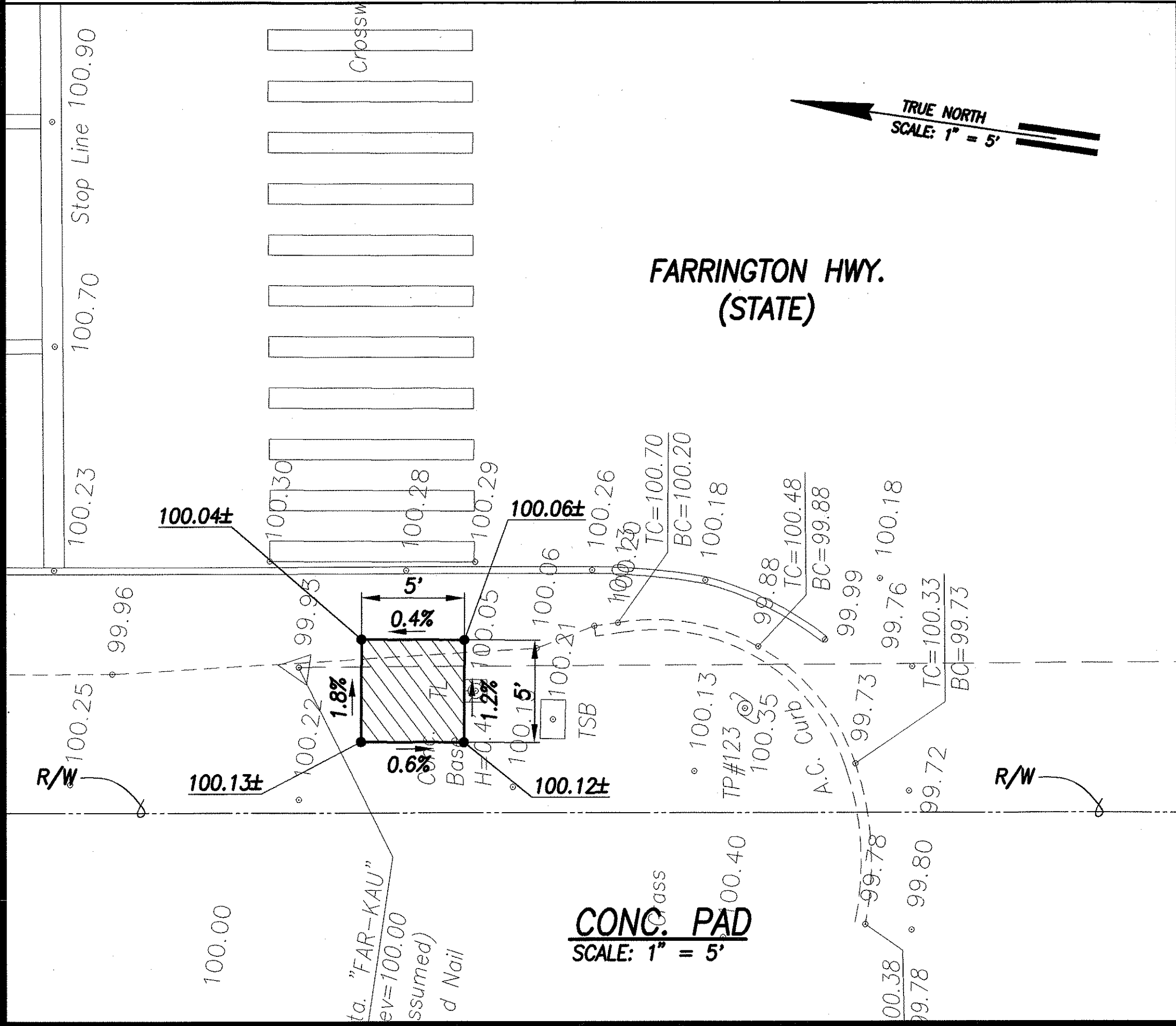
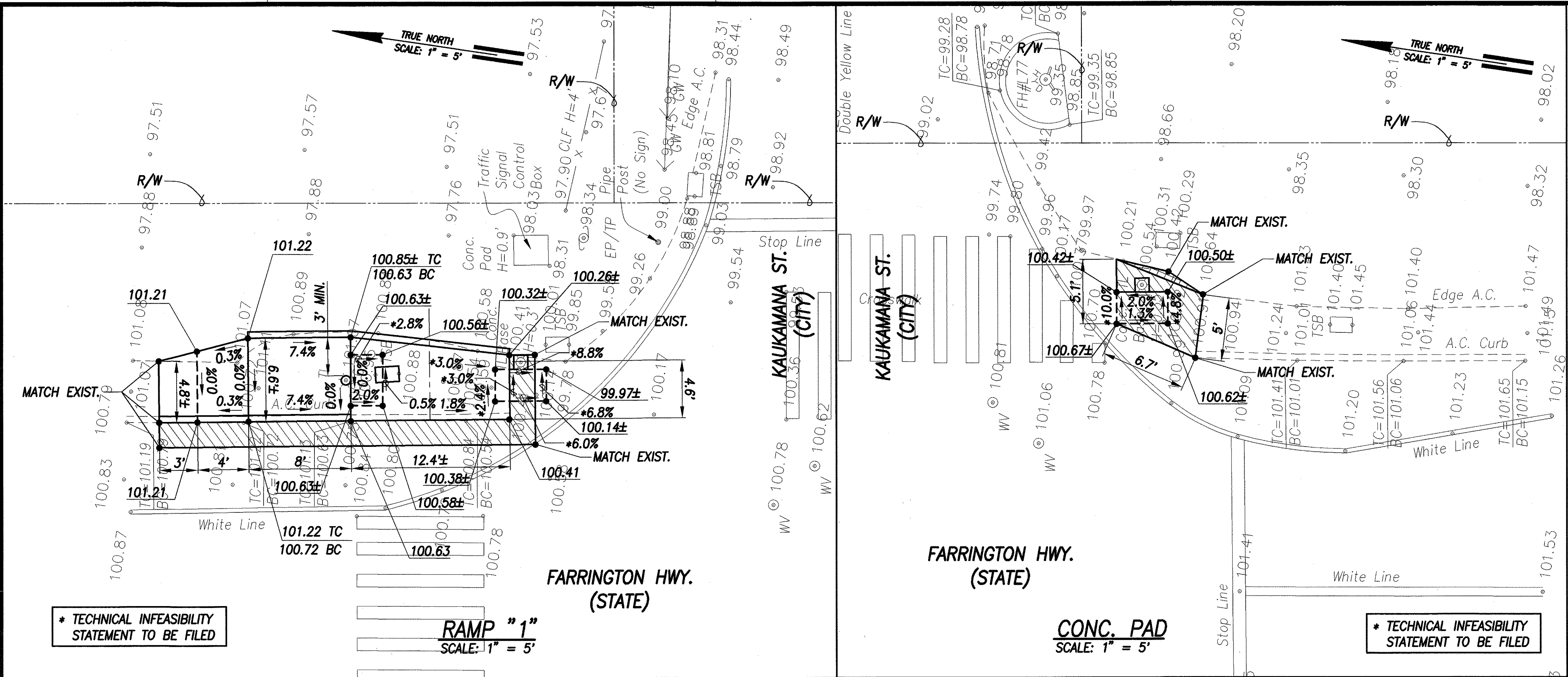
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE _____ DATE 8/13/04

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SITE PLAN - FARRINGTON HWY. & KAUKAMANA ST.
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-62 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	64	128



- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB

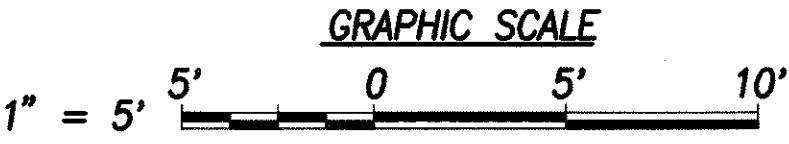
**GRADING PLAN – FARRINGTON HWY.
& KAUKAMANA ST.
INTERS. ID NO. 93-72089
SCALE: 1" = 5'**



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – FARRINGTON HWY. & KAUKAMANA ST.

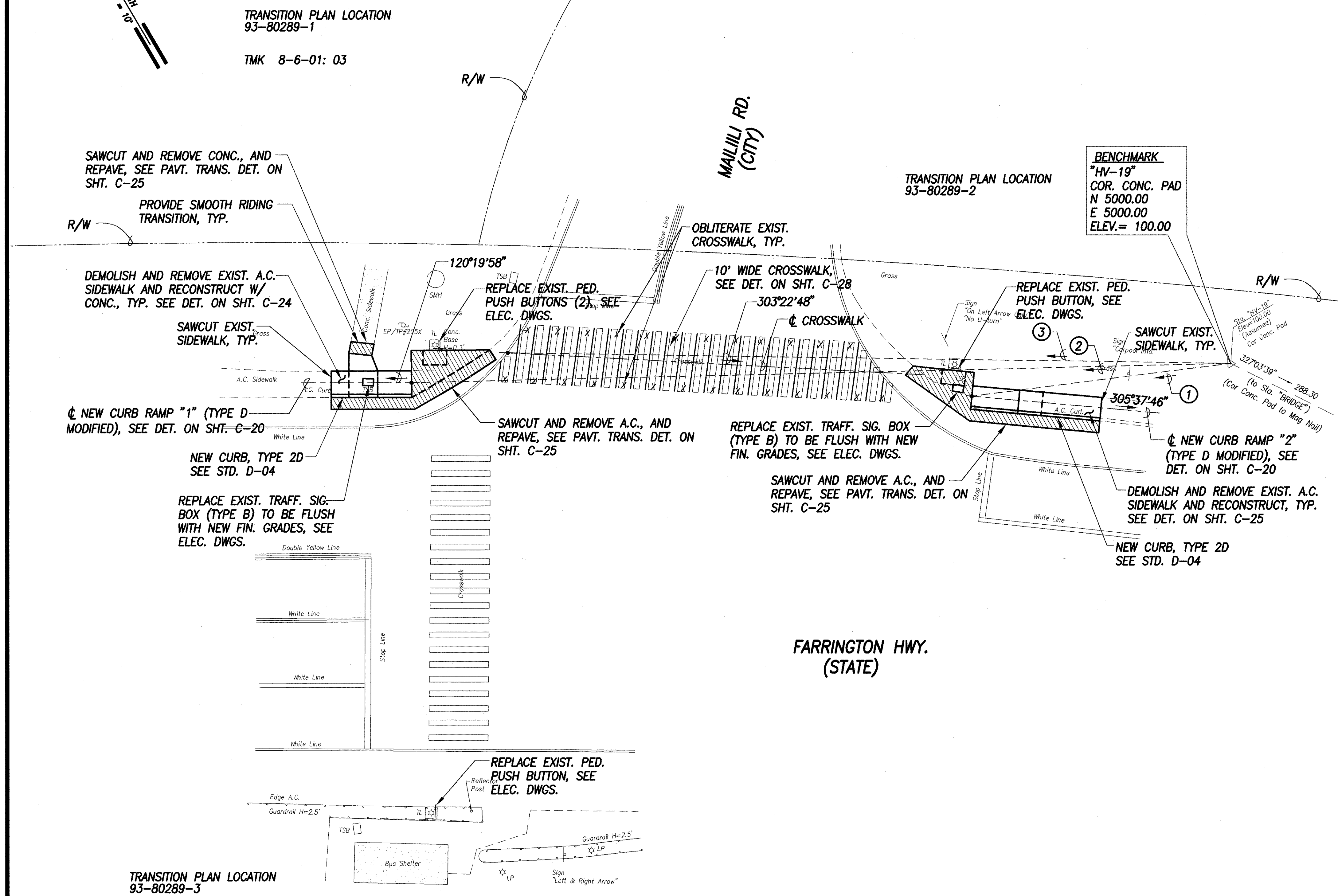
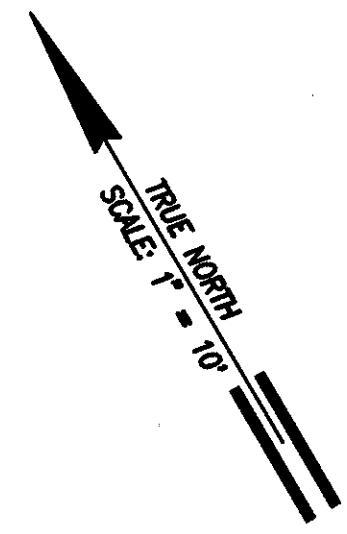
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 5'-0" Date: AUGUST 2004

SHEET No. C-63 OF 93 SHEETS

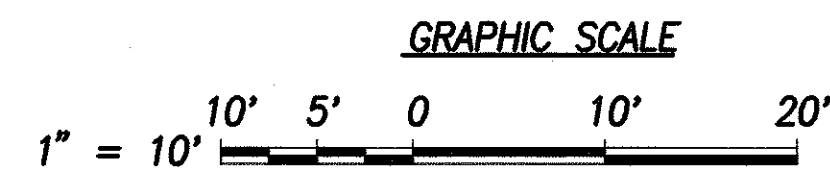
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	66	128



- ① 113°07'02" 44.25'
TIE: BM TO INTERSECTION OF ϕ RAMP AND RAMP EDGE
- ② 119°00'17" 139.07'
TIE: BM TO INTERSECTION OF ϕ RAMP AND RAMP EDGE
- ③ 121°12'01" 122.71'
TIE: BM TO INTERSECTION OF ϕ CROSSWALK AND EDGE STRIPE

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

SITE PLAN - FARRINGTON HWY. & MAILILI RD.
INTERS. ID NO. 93-80289
 SCALE: 1" = 10'



GREG H. HIYAKUMOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 6662-C
 HAWAII, U.S.A.

License Expiration Date April 30, 2008

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *[Signature]* DATE: 8/2/04

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

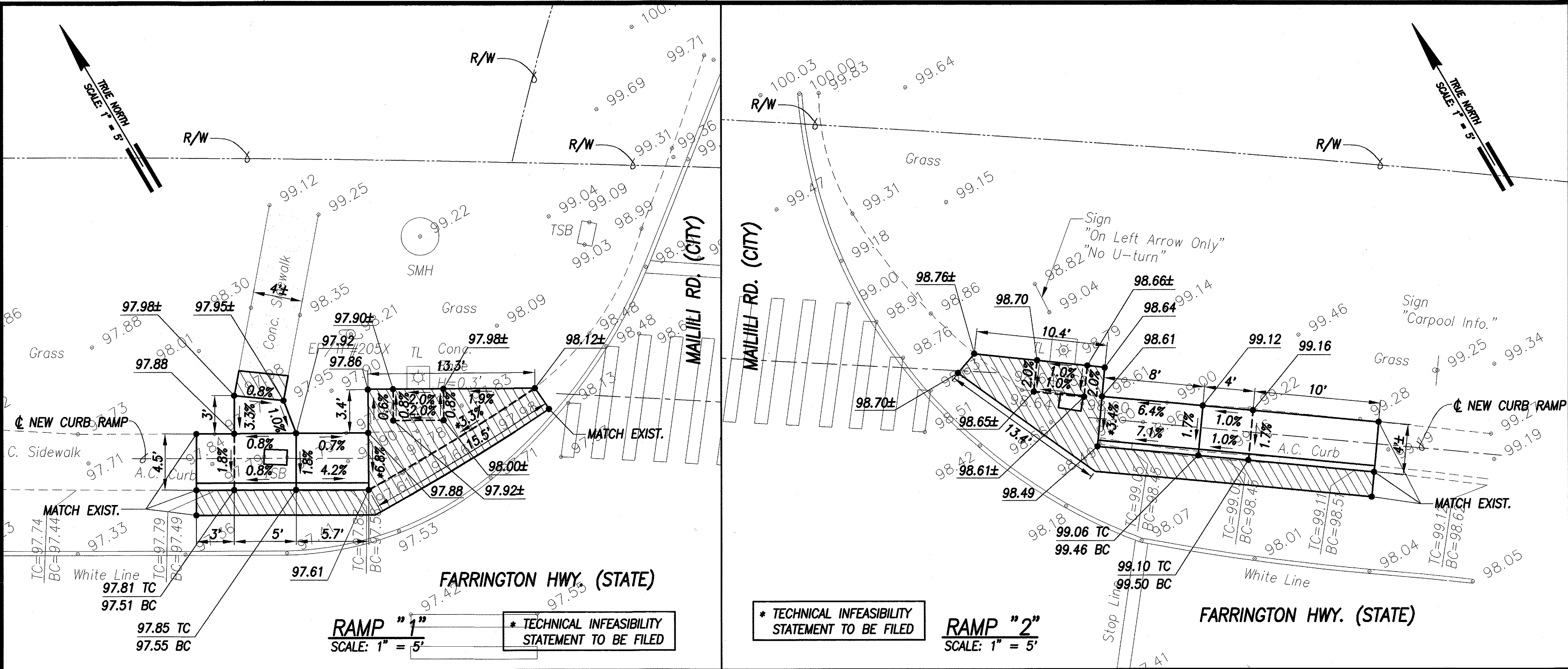
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SITE PLAN
FARRINGTON HWY. & MAILILI RD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0" Date: AUGUST 2004

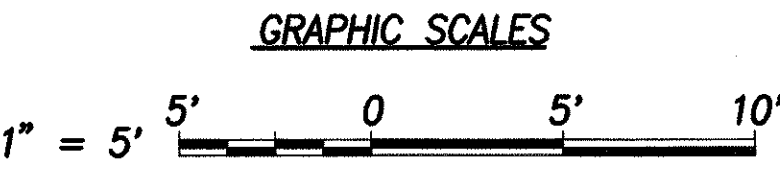
SHEET No. C-65 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	67	128



- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – FARRINGTON HWY. & MAILILI RD.
INTERS. ID NO. 93-80289
 SCALE: 1" = 5'



DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

GREG H. HIYAKUMOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 6662-C
 HAWAII, U.S.A.
 License Expiration Date April 30, 2008

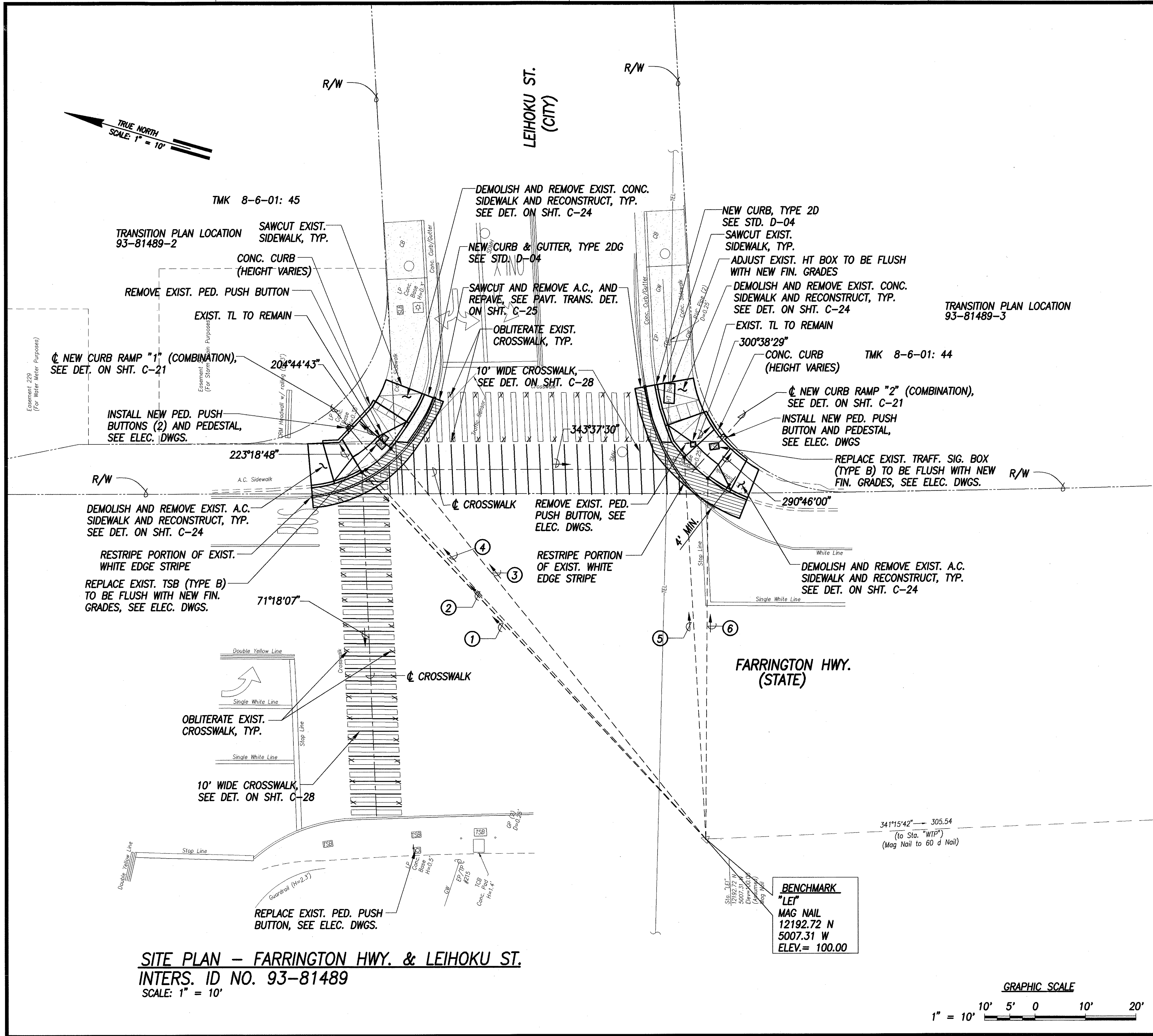
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

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STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
GRADING PLAN
FARRINGTON HWY. & MAILILI RD.
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 5'-0" Date: AUGUST 2004
SHEET No. C-66 OF 93 SHEETS

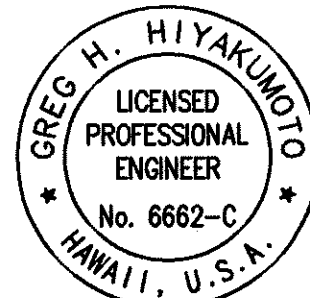
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	68	128



- 1 210°41'48" 100.16'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 2 210°43'55" 100.14'
TIE: BM TO INTERSECTION OF ϕ
CROSSWALK AND CURB FACE
- 3 215°00'34" 100.00'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 4 211°13'28" 99.97'
TIE: BM TO INTERSECTION OF ϕ
CROSSWALK AND CURB FACE
- 5 250°31'00" 76.35'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 6 254°02'36" 72.02'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE

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

SITE PLAN - FARRINGTON HWY. & LEIHOKU ST.
INTERS. ID NO. 93-81489
 SCALE: 1" = 10'

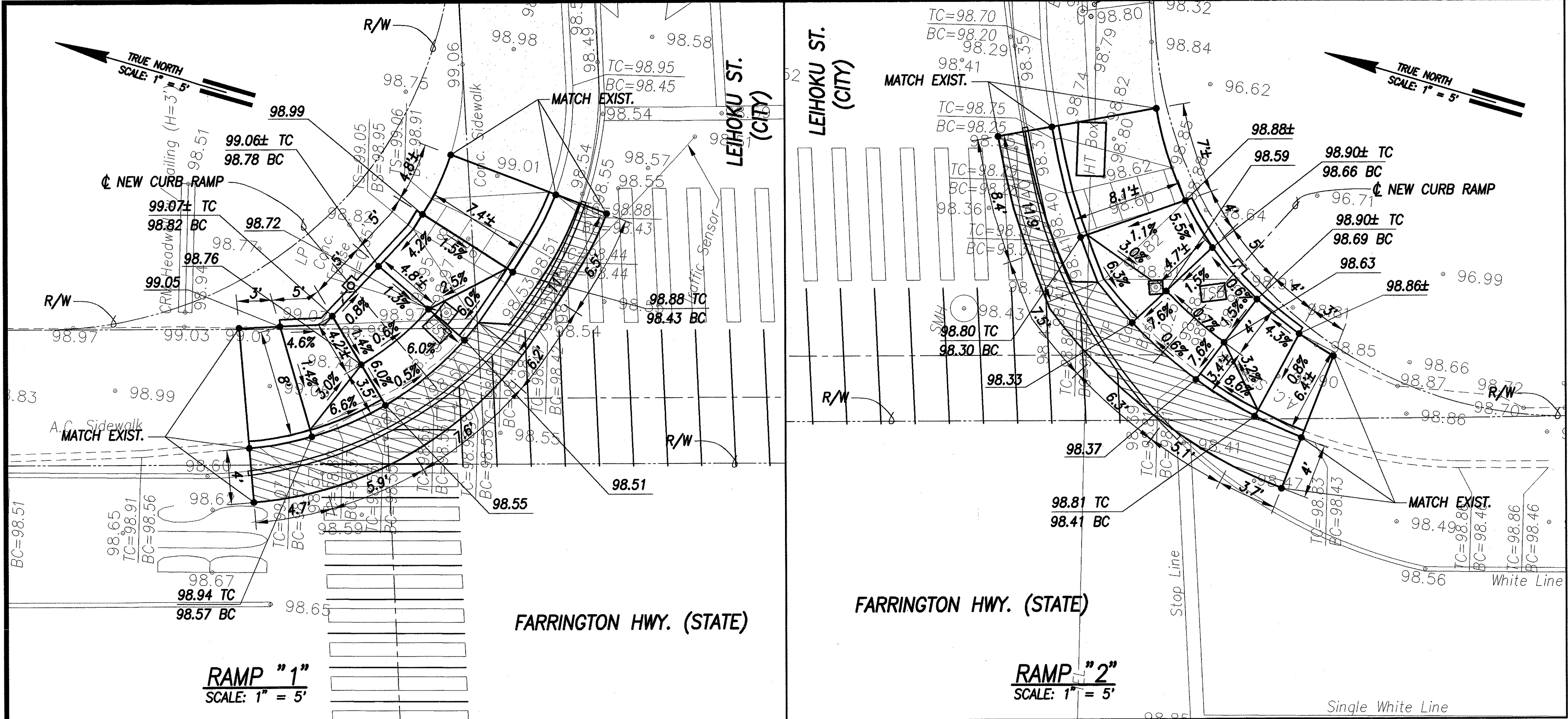


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 Date April 30, 2006
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SIGNATURE DATE
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 IN CHAPTER 16-115, HAWAII ADMINISTRATIVE
 RULES ENTITLED "PROFESSIONAL ENGINEERS,
 ARCHITECTS, SURVEYORS AND LANDSCAPE
 ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SITE PLAN
FARRINGTON HWY. & LEIHOKU ST.
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-67 OF 93 SHEETS

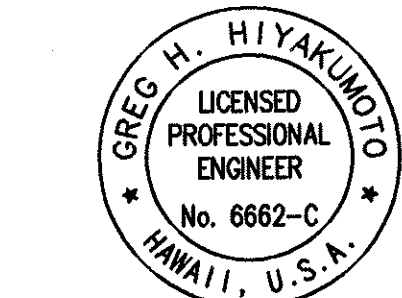
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	69	128



LEGEND	
• 49.52	EXIST. SPOT ELEVATION
— 52.58	FINISHED SPOT GRADE
— 51.50 TC	FINISHED TOP OF CURB
— 51.00 BC	FINISHED BOTTOM OF CURB

GRADING PLAN – FARRINGTON HWY. & LEIHOKU ST.
INTERS. ID NO. 93-81489
SCALE: 1" = 5'

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

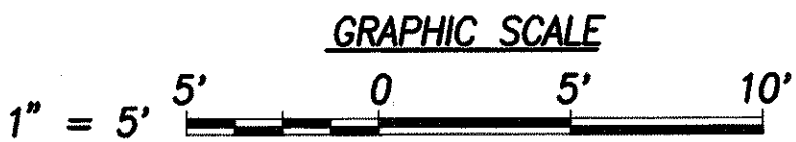


License Expiration
Date April 30, 2006

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SIGNATURE _____ DATE 9/13/04

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GRADING PLAN
FARRINGTON HWY. & LEIHOKU ST.

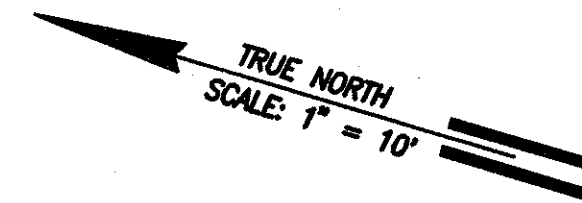
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 5'-0" Date: AUGUST 2004

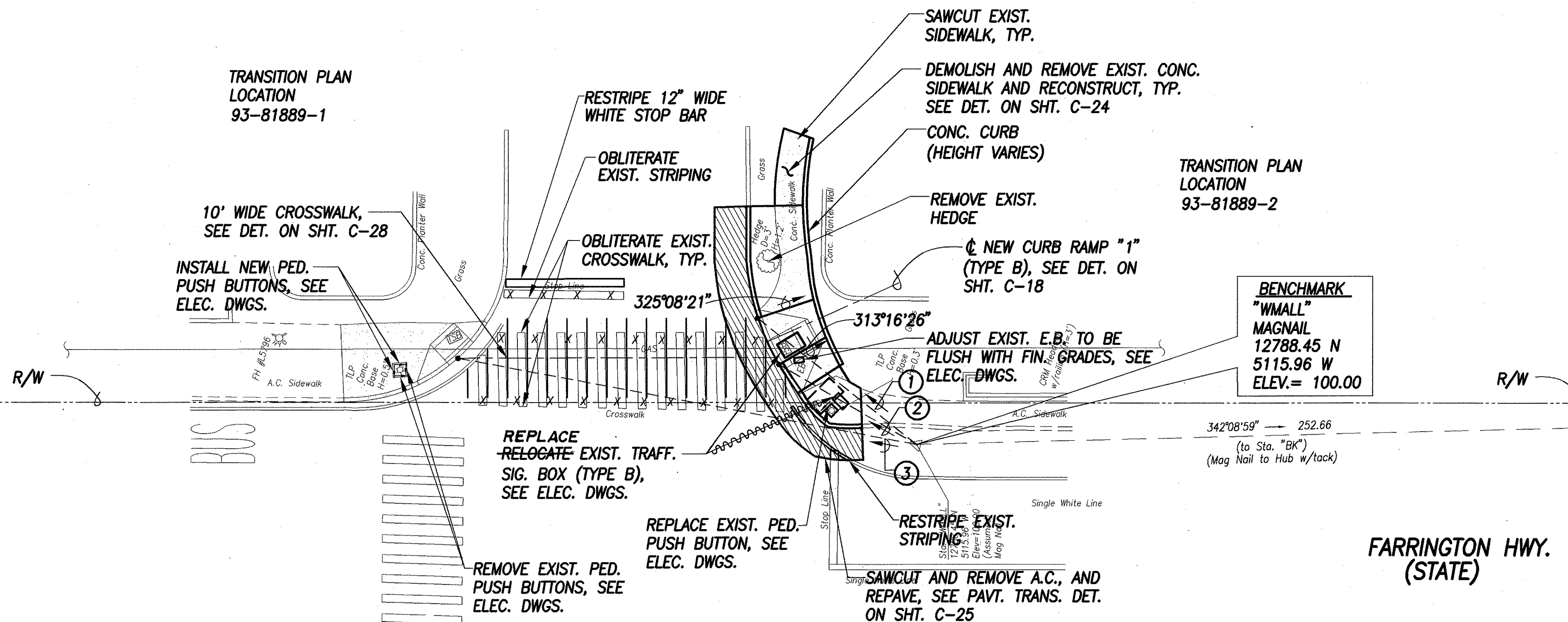
SHEET No. C-68 OF 93 SHEETS

WAIANAE MALL

TMK 8-6-01: 05

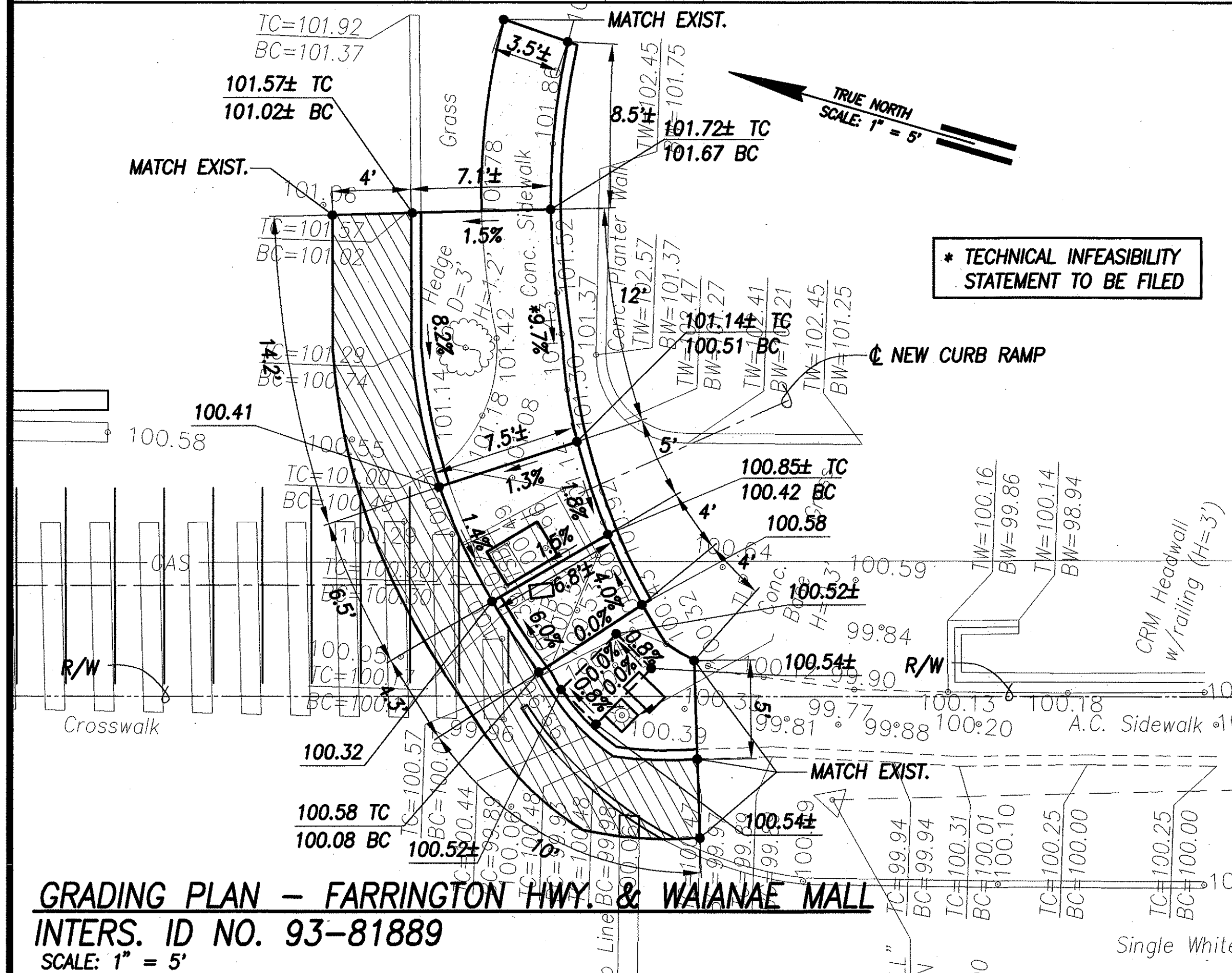


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	70	128

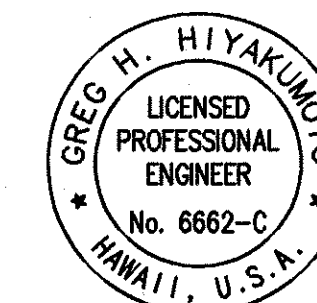
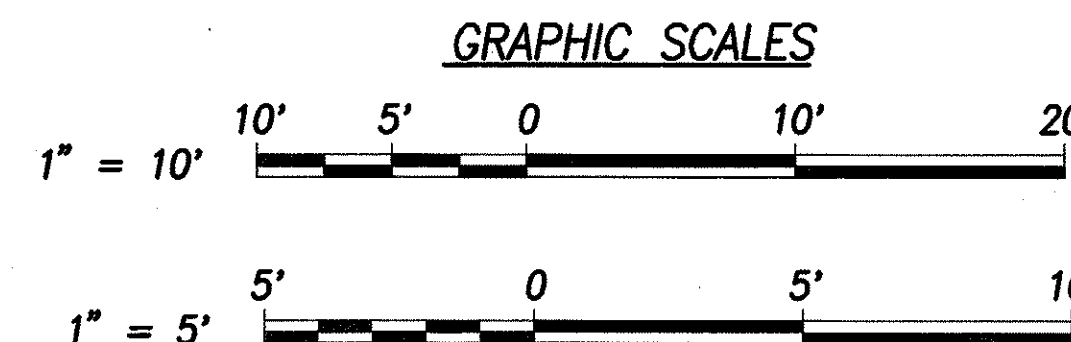


- 202°14'29" 25.60'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 193°55'28" 20.05'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 174°18'36" 58.71'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE

SITE PLAN - FARRINGTON HWY. & WAIANAE MALL
INTERS. ID NO. 93-81889
SCALE: 1" = 10'



- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB



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SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
FARRINGTON HWY & WAIANAE MALL

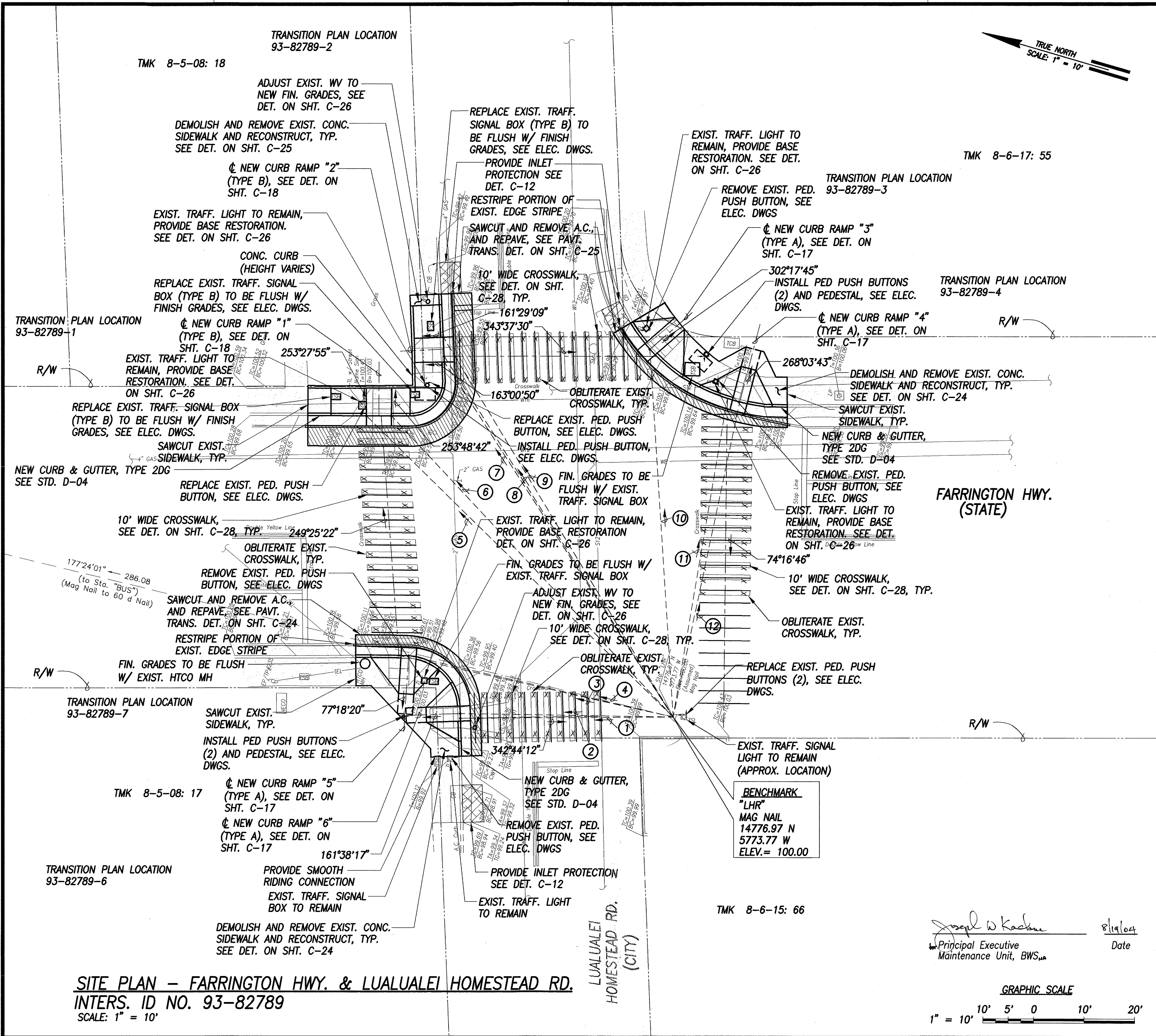
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

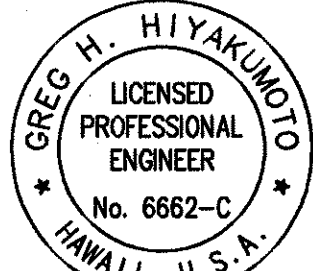
SHEET No. C-69 OF 93 SHEETS

"AS-BUILT" 70

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	73	128



- 163°15'31" 42.17'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- 164°31'24" 42.20'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- 176°20'16" 55.71'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- 176°43'58" 53.81'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- 208°13'33" 85.36'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 210°39'37" 81.90'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 220°58'02" 84.00'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 221°21'29" 85.00'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- 222°35'41" 88.36'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 250°02'07" 73.43'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- 263°13'13" 64.28'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- 265°29'17" 73.43'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE



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SIGNATURE [Signature] **DATE** April 30, 2008

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 18-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN - FARRINGTON HWY. & LUALUALEI HOMESTEAD RD.

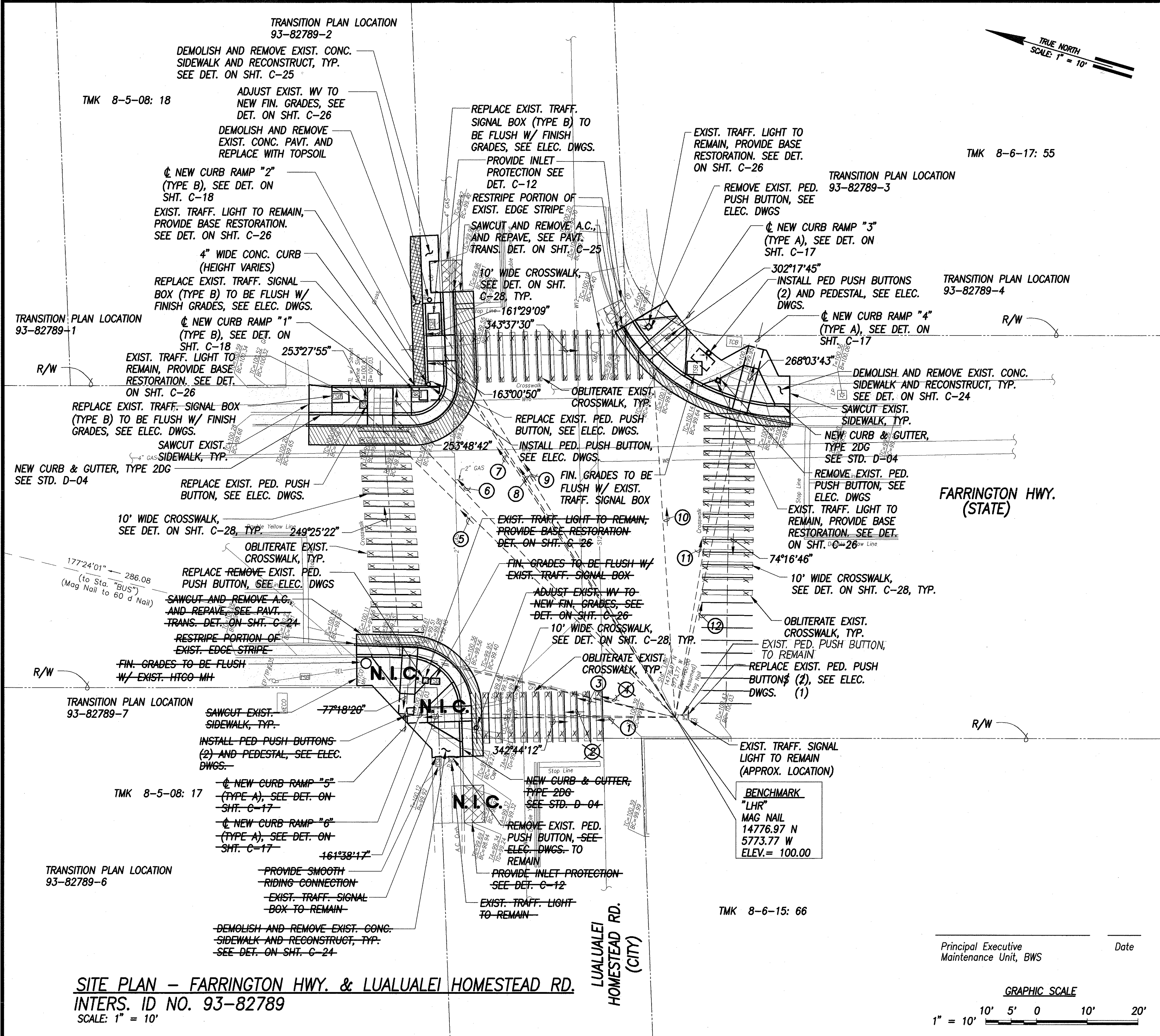
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0" **Date: AUGUST 2004**

SHEET No. C-72 OF 94 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	C.O. 73 S-1	128



- 163°15'31" 42.17'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 164°31'24" 42.20'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE
- 176°20'16" 55.71'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 176°43'58" 53.81'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE
- 208°13'33" 85.36'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 210°39'37" 81.90'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 220°58'02" 84.00'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 221°21'29" 85.00'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 222°35'41" 88.36'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- 250°02'07" 73.43'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE
- 263°13'13" 64.28'
TIE: BM TO INTERSECTION OF
CROSSWALK AND CURB FACE
- 265°29'17" 73.43'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE

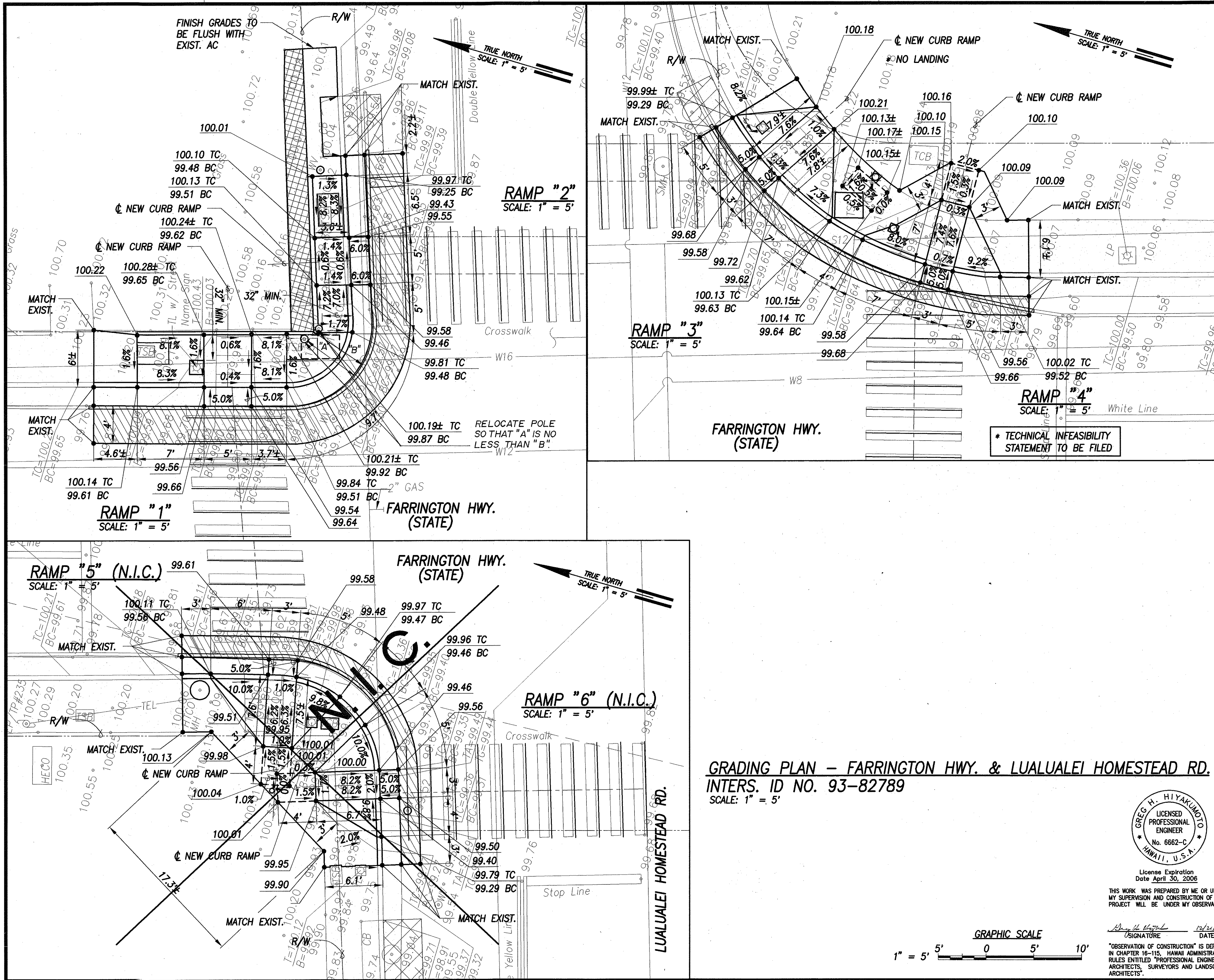
DATE	12/21/04
DESIGNED BY	REVISION
TRACED BY	REVISION
NOTED BY	REVISION
CHECKED BY	REVISION
ORIGINAL PLAN	REVISION
NOTE BOOK	REVISION
NO.	REVISION

GREG H. HIYAKUNDO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
HAWAII, U.S.A.
License Expiration Date April 30, 2006
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SIGNATURE DATE
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

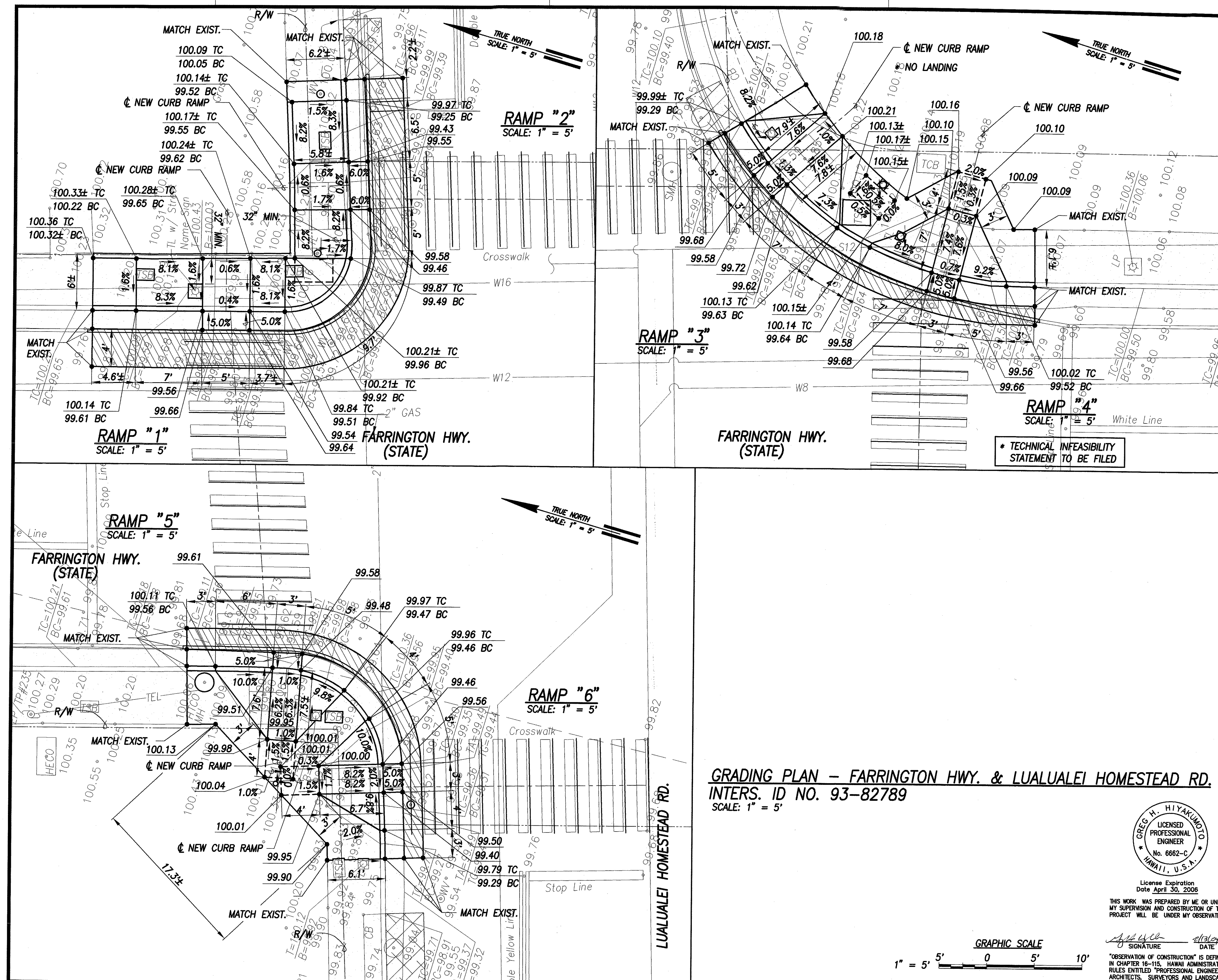
12/21/04	REVISED RAMPS NO. 1 AND 2 REVISED RAMPS NO. 5 AND 6 - N.I.C. REVISED PED. BUTTONS CALLOUT
DATE	REVISION

STATE OF HAWAII
HIGHWAYS DIVISION
SITE PLAN - FARRINGTON HWY. & LUALUALEI HOMESTEAD RD.
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)
Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-72 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	C.O. 74 S-1	128



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	74	128



LEGEND

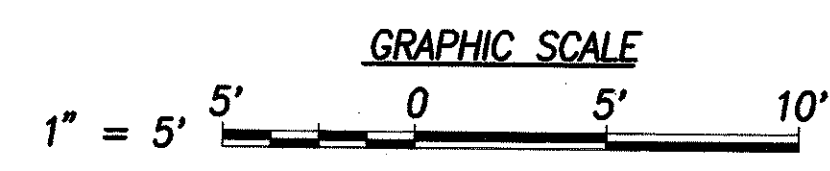
- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN - FARRINGTON HWY. & LUALUALEI HOMESTEAD RD.
 INTER. ID NO. 93-82789
 SCALE: 1" = 5'

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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

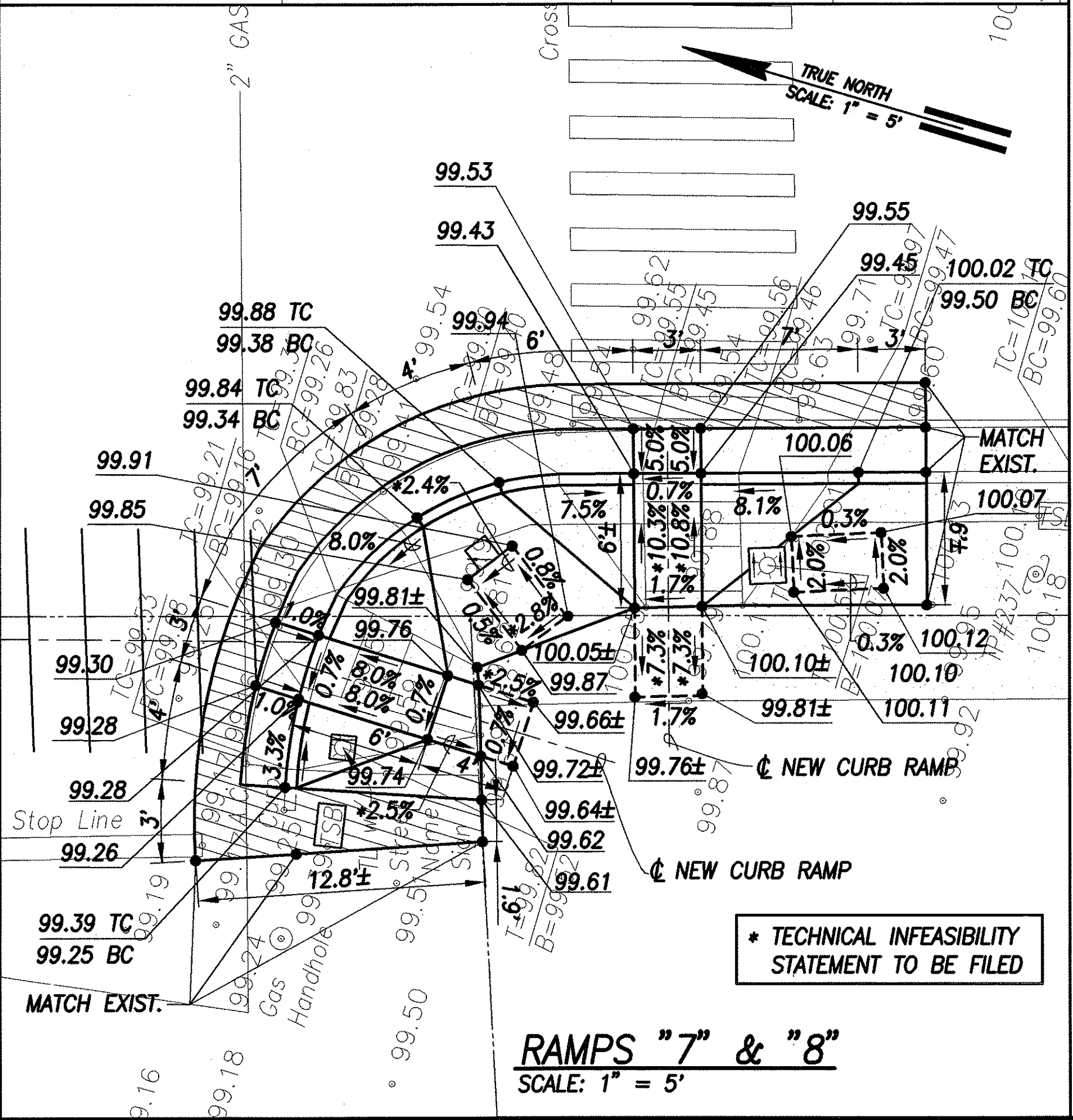
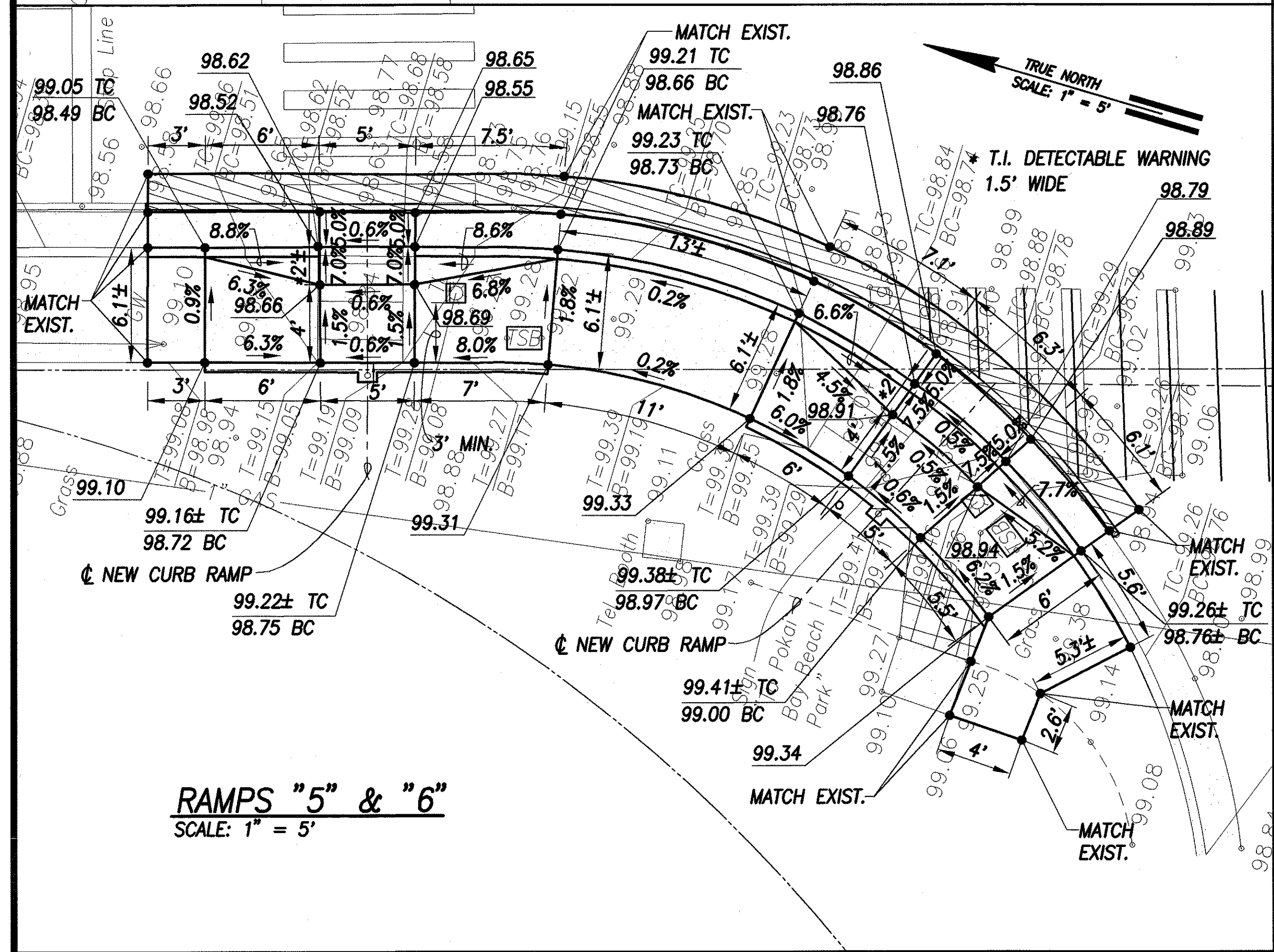
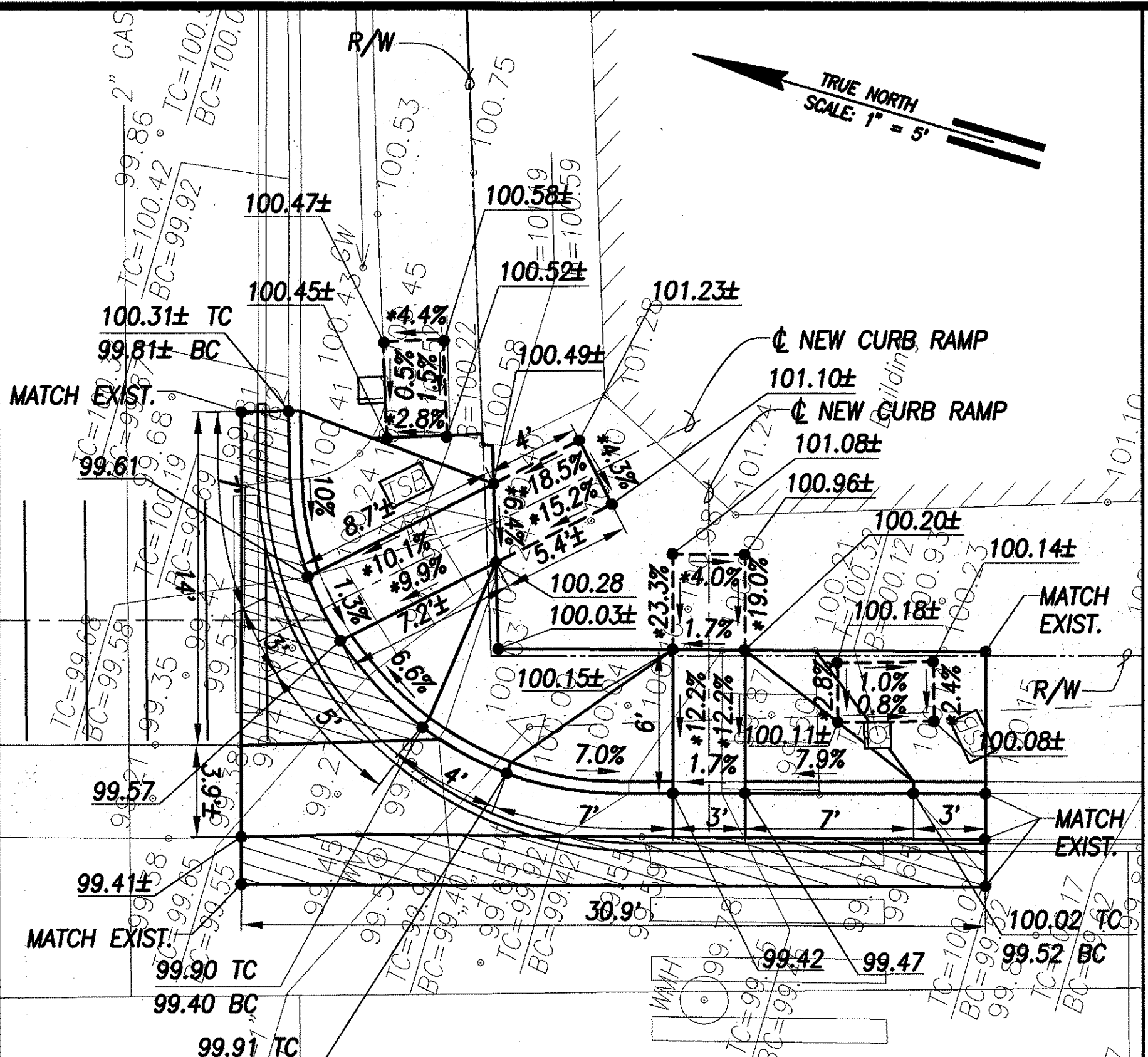
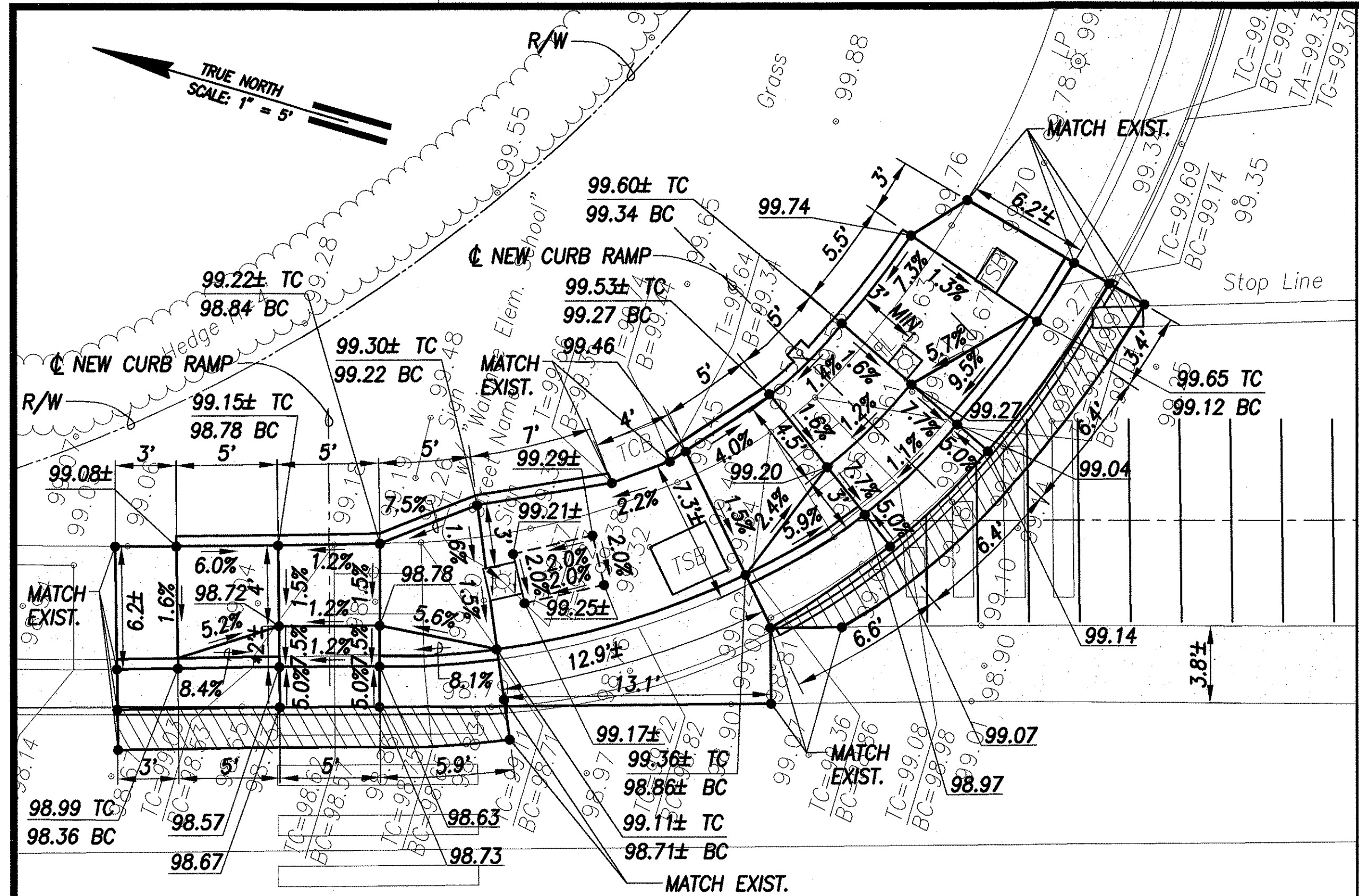
GRADING PLAN - FARRINGTON HWY. & LUALUALEI HOMESTEAD RD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 5'-0" Date: AUGUST 2004

SHEET No. C-73 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	76	128



LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN - FARRINGTON HWY. & WAIANAE VALLEY RD.
INTERS. ID NO. 93-82889
SCALE: 1" = 5'



GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
HAWAII, U.S.A.
License Expiration Date April 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN - FARRINGTON HWY. & WAIANAE VALLEY RD.

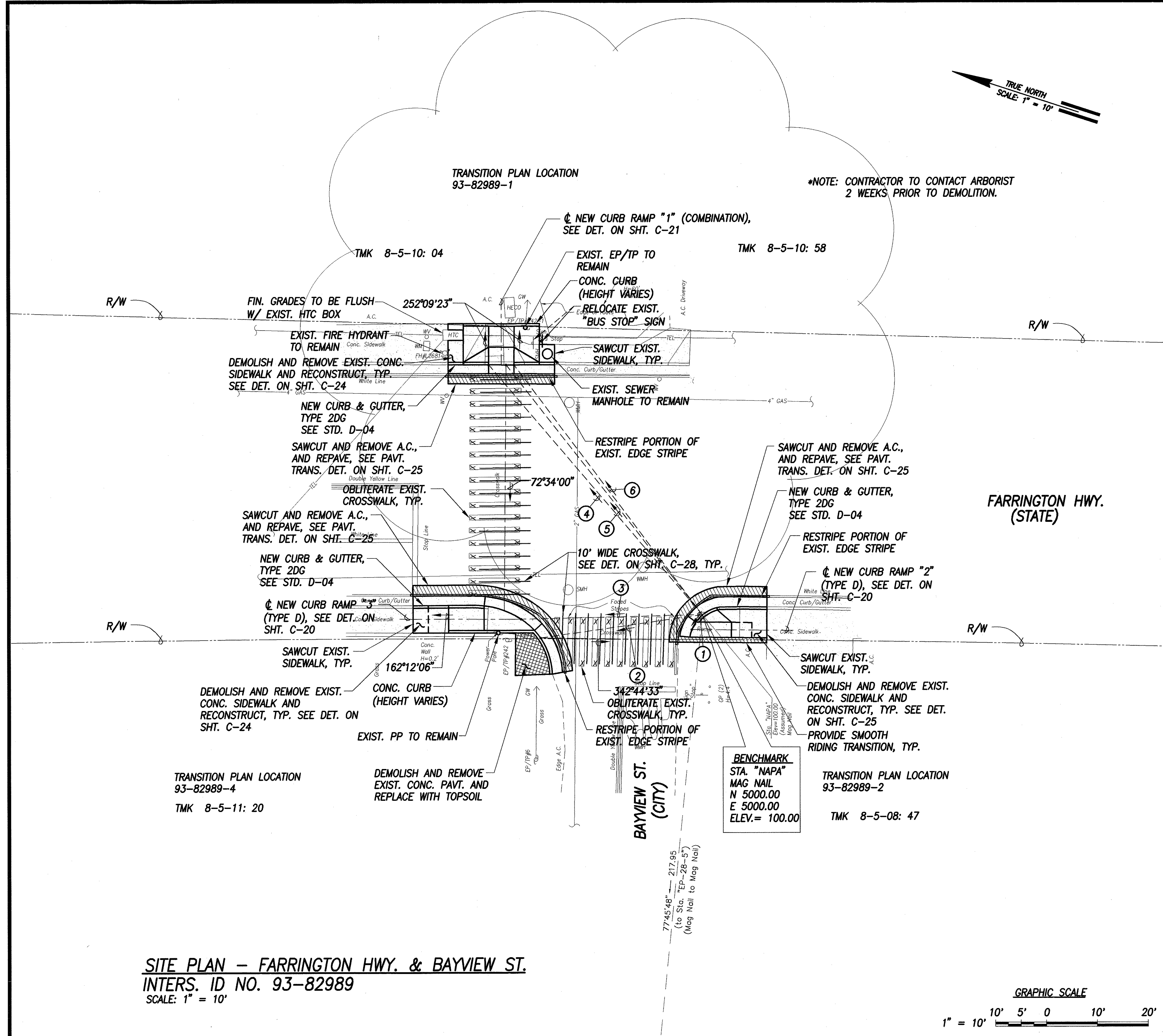
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 5'-0" Date: AUGUST 2004

SHEET No. C-75 OF 93 SHEETS

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

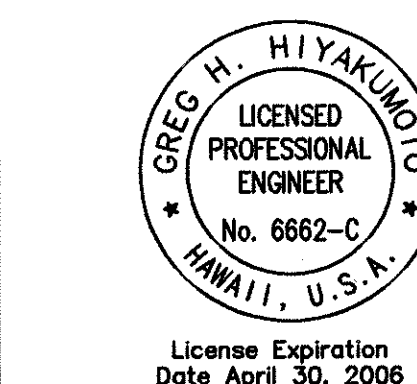
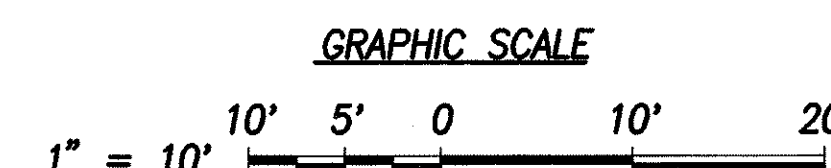
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	77	128



- 106°25'46" 3.61'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- 153°49'03" 32.16'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- 160°39'32" 35.64'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- 211°43'56" 64.86'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 214°07'17" 62.69'
TIE: BM TO INTERSECTION OF CROSSWALK AND CURB FACE
- 215°16'10" 61.74'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

SURVEY PLANNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

SITE PLAN - FARRINGTON HWY. & BAYVIEW ST.
INTERS. ID NO. 93-82989
 SCALE: 1" = 10'



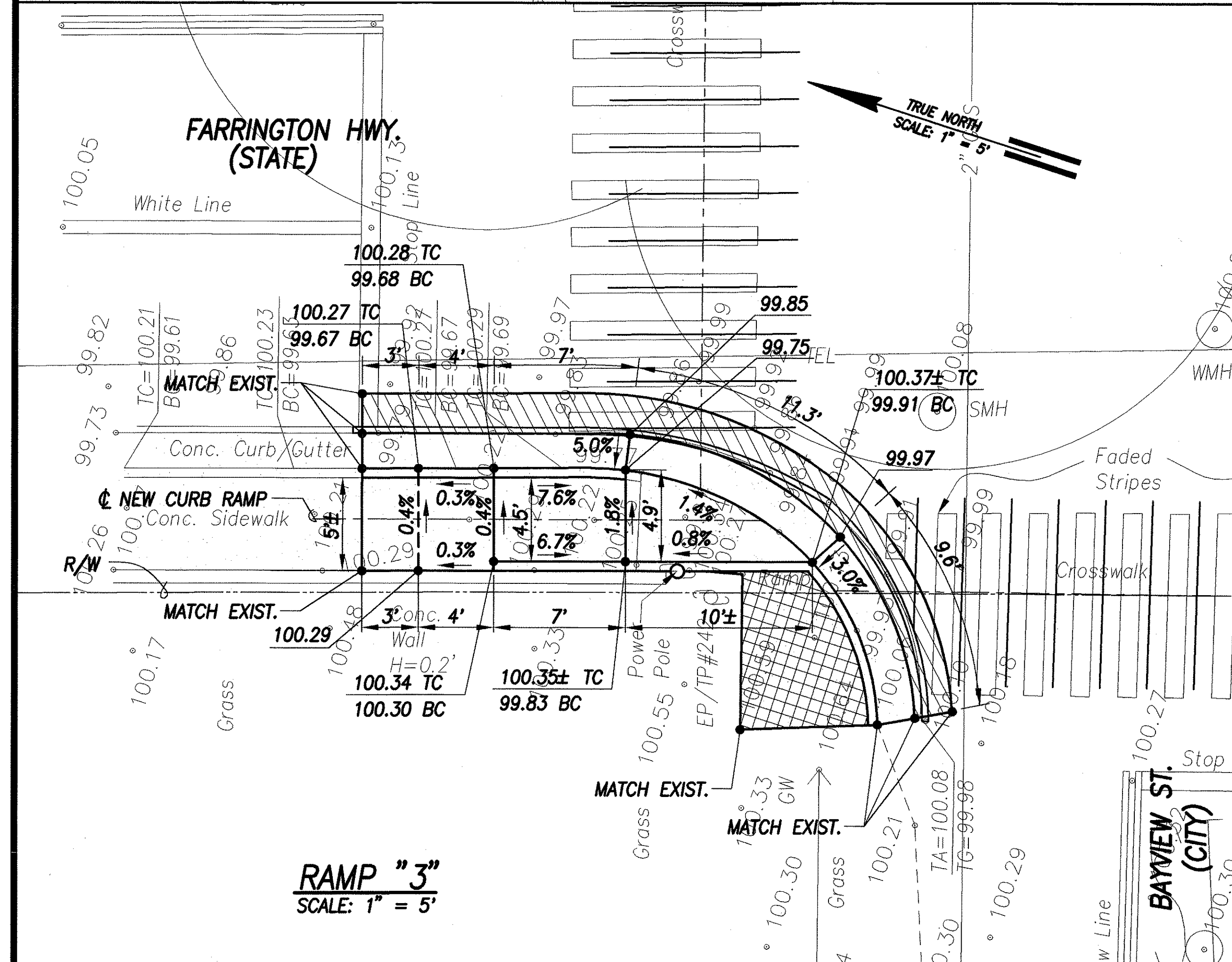
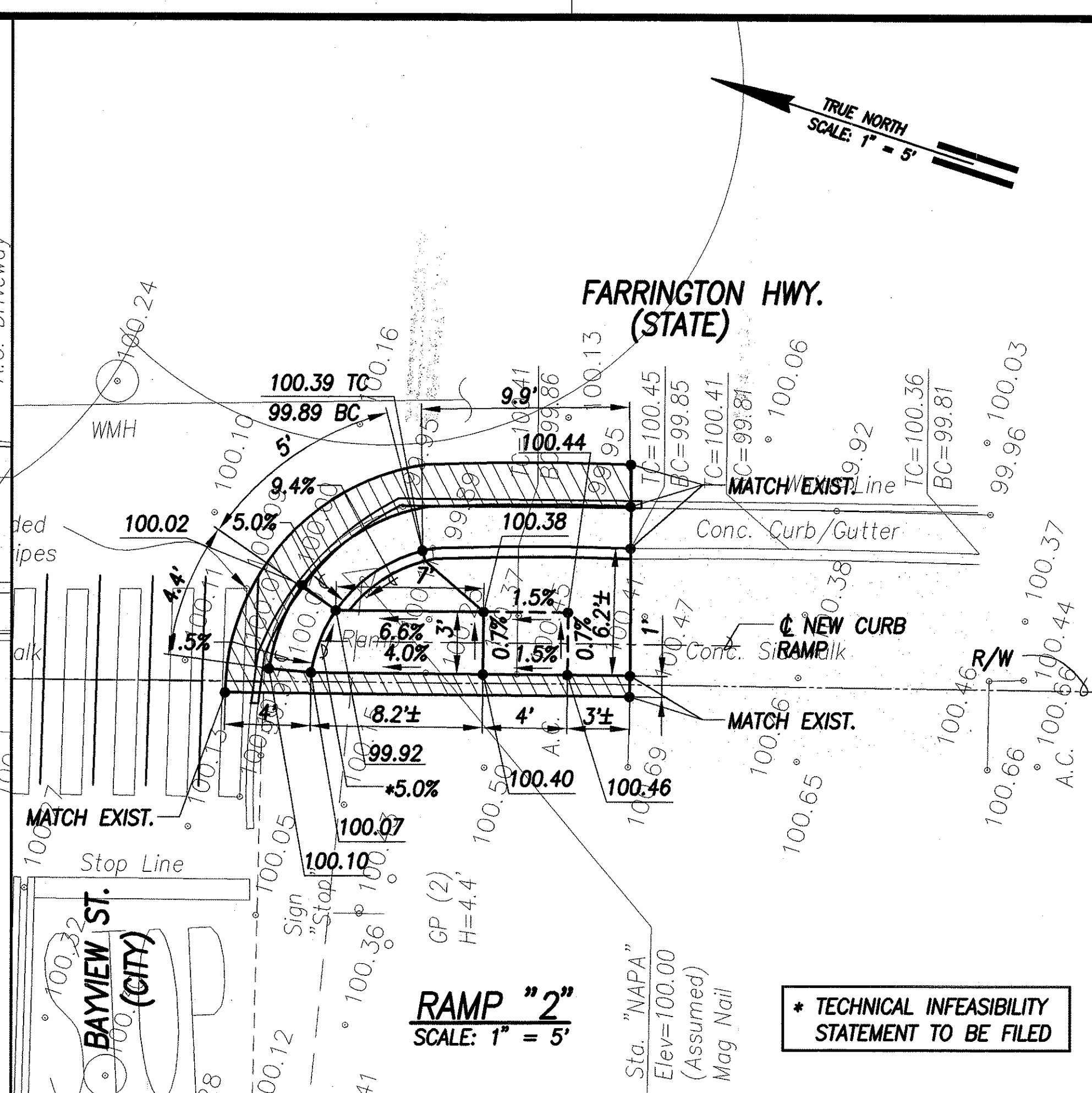
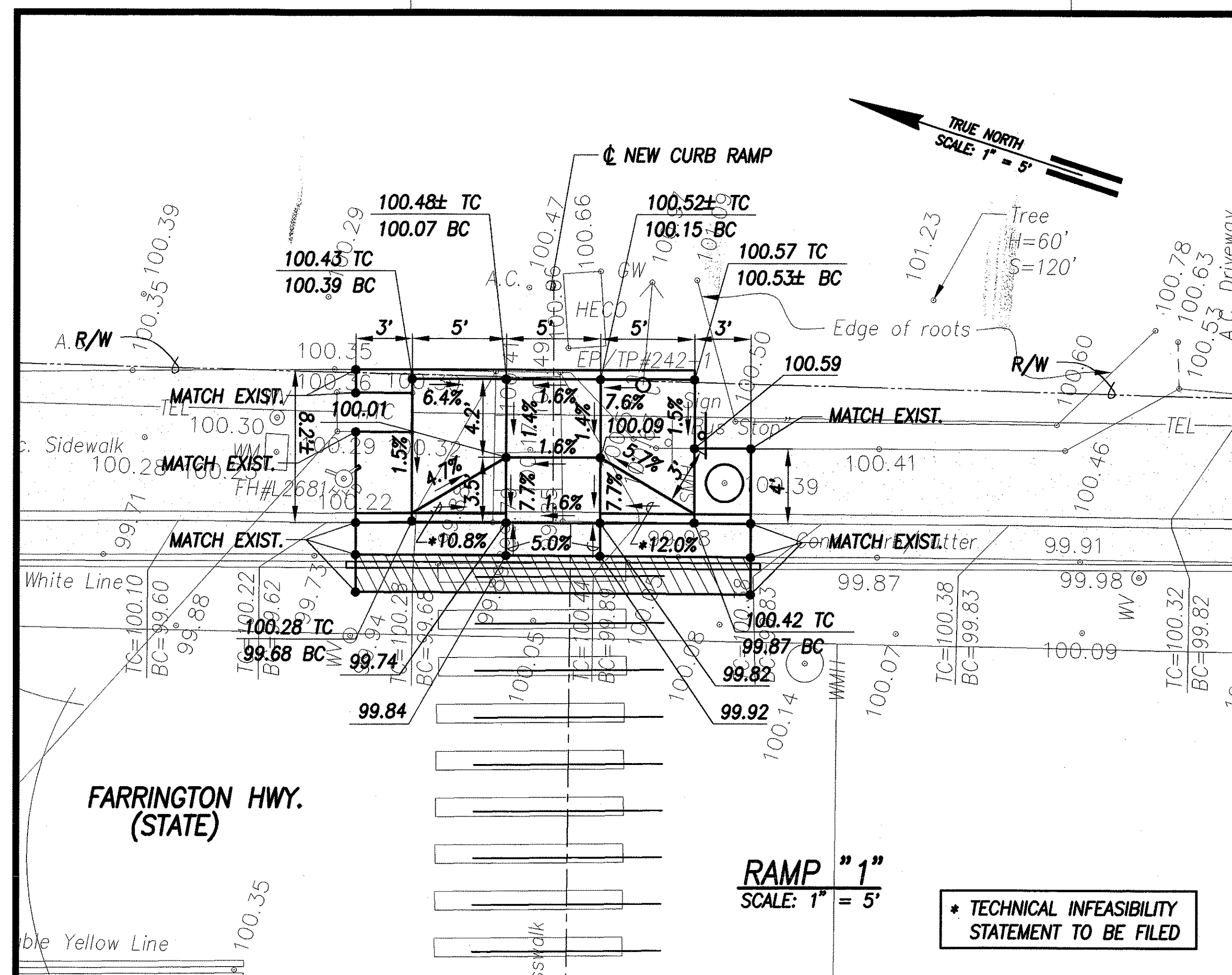
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *Greg H. Hiakunoto* DATE: 9/13/04

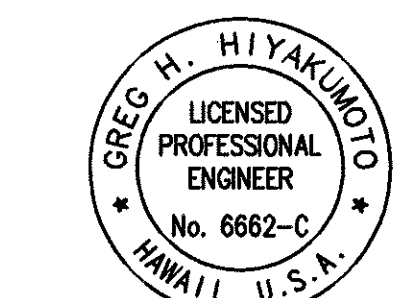
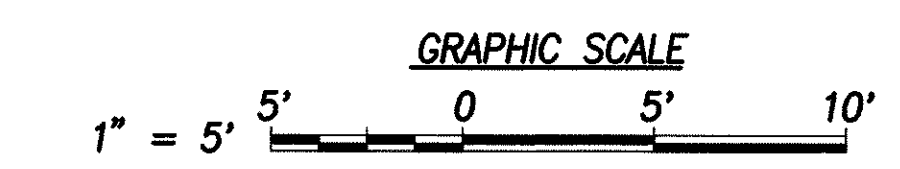
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
SITE PLAN
FARRINGTON HWY. & BAYVIEW ST.
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 10'-0" Date: AUGUST 2004
SHEET No. C-76 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	77	128



- LEGEND**
- 49.52 EXIST. SPOT ELEVATION
 - 52.58 FINISHED SPOT GRADE
 - 51.50 TC FINISHED TOP OF CURB
 - 51.00 BC FINISHED BOTTOM OF CURB



License Expiration Date April 30, 2006

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE DATE

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS."

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
FARRINGTON HWY. & BAYVIEW ST.

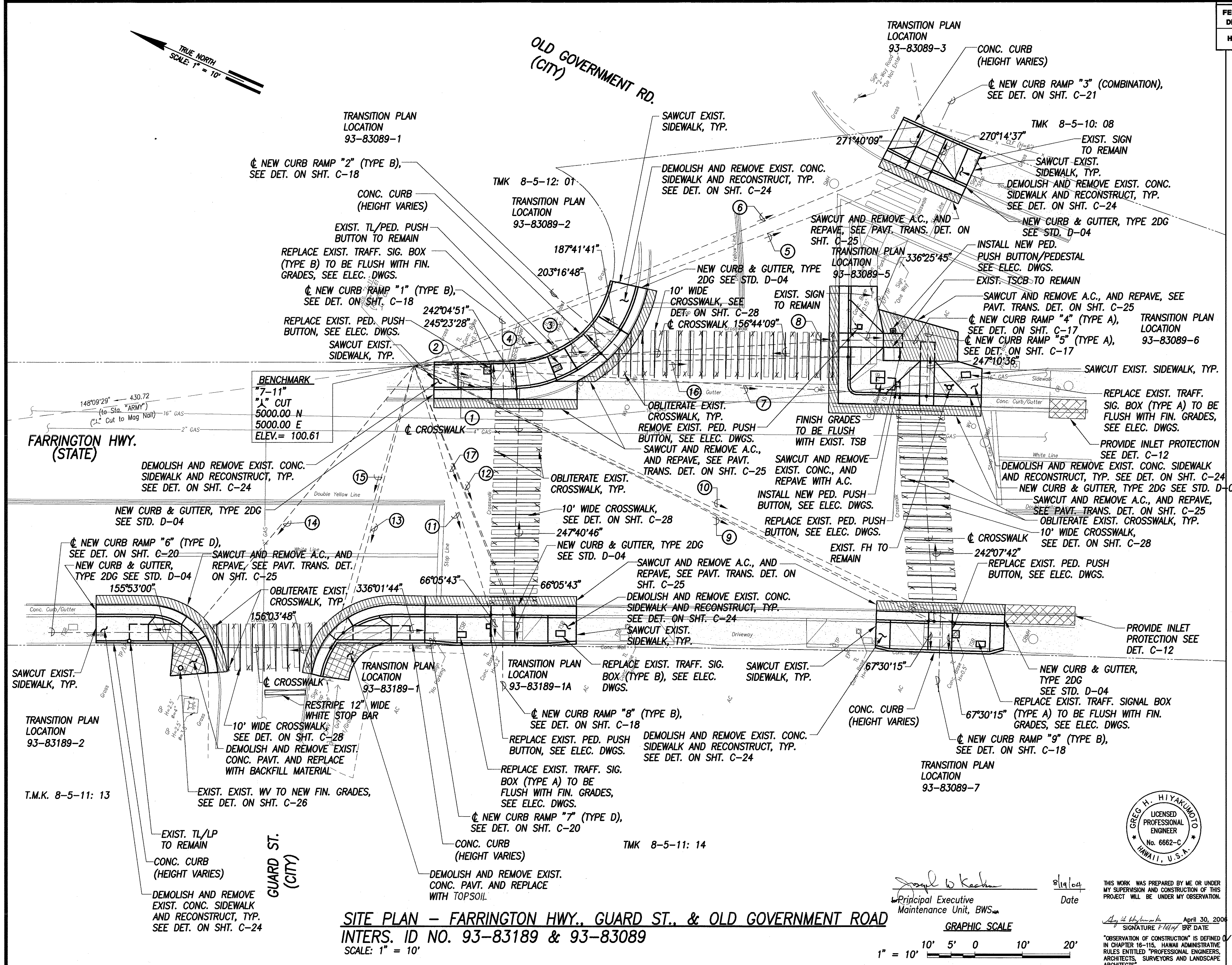
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 5'-0" Date: AUGUST 2004

SHEET No. C-77 OF 93 SHEETS

SURVEY PLANNED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	79	128



- ① 353°02'06" 17.00'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ② 348°40'00" 22.10'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ③ 331°57'45" 39.50'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ④ 325°51'45" 44.21'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑤ 315°09'22" 116.49'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑥ 313°15'51" 112.93'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑦ 339°20'07" 108.13'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ⑧ 332°28'26" 91.63'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ⑨ 2°28'22" 121.12'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑩ 1°30'42" 125.68'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑪ 48°50'57" 55.24'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑫ 44°02'35" 56.94'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑬ 80°40'25" 58.54'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ⑭ 105°38'04" 73.50'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ⑮ 82°16'14" 62.32'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ⑯ 334°42'34" 91.46'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ⑰ 44°27'20" 56.77'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ⑱ 2°14'11" 122.21'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE

DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTED BY	_____
QUANTITIES BY	_____
ORIGINAL PLAN	_____
NO.	_____



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *Greg H. Miyakuno* DATE: 8/19/04

Principal Executive Maintenance Unit, BWS

GRAPHIC SCALE
1" = 10'

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

SITE PLAN - FARRINGTON HWY., GUARD ST., & OLD GOVERNMENT ROAD
INTERS. ID NO. 93-83189 & 93-83089
 SCALE: 1" = 10'

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

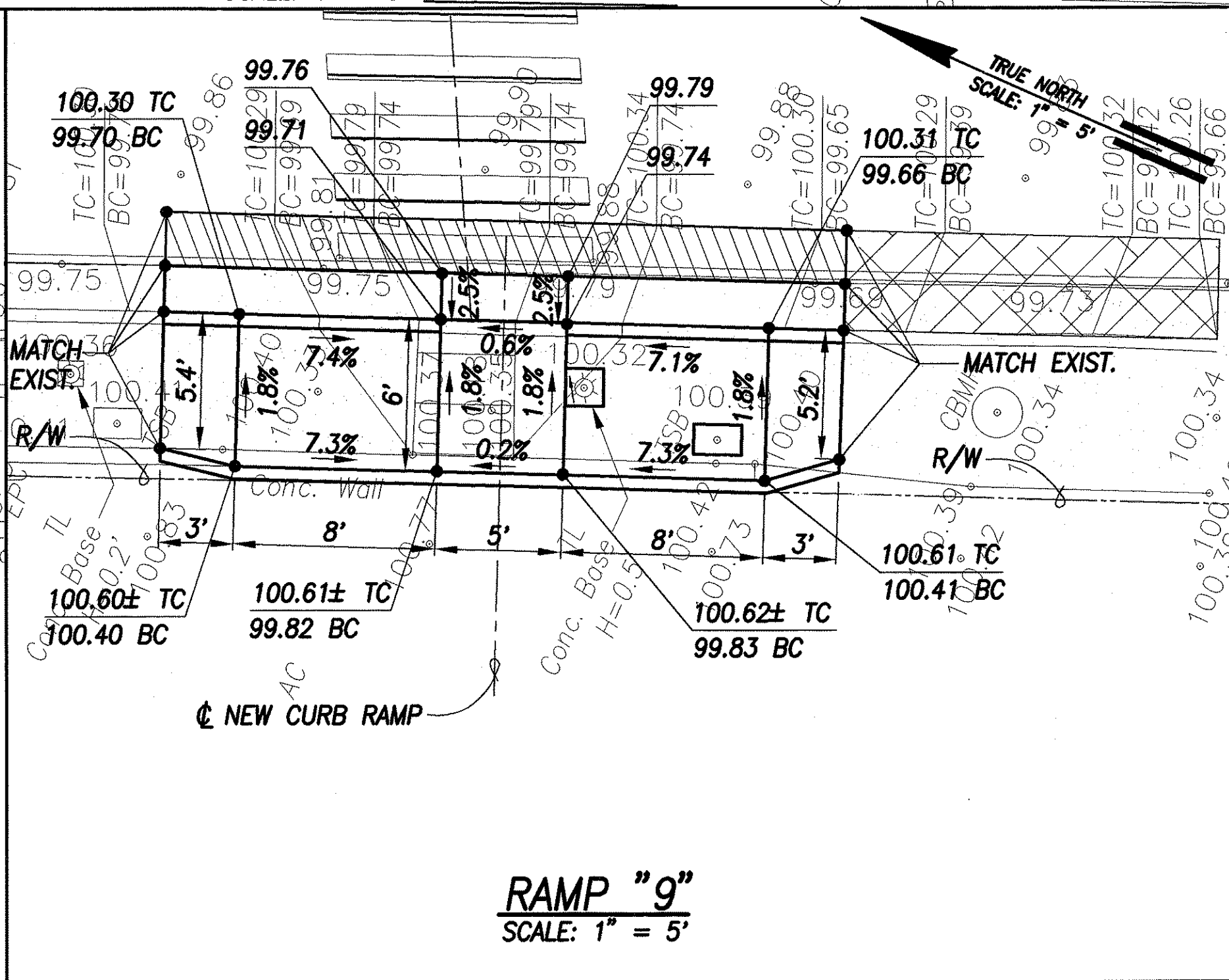
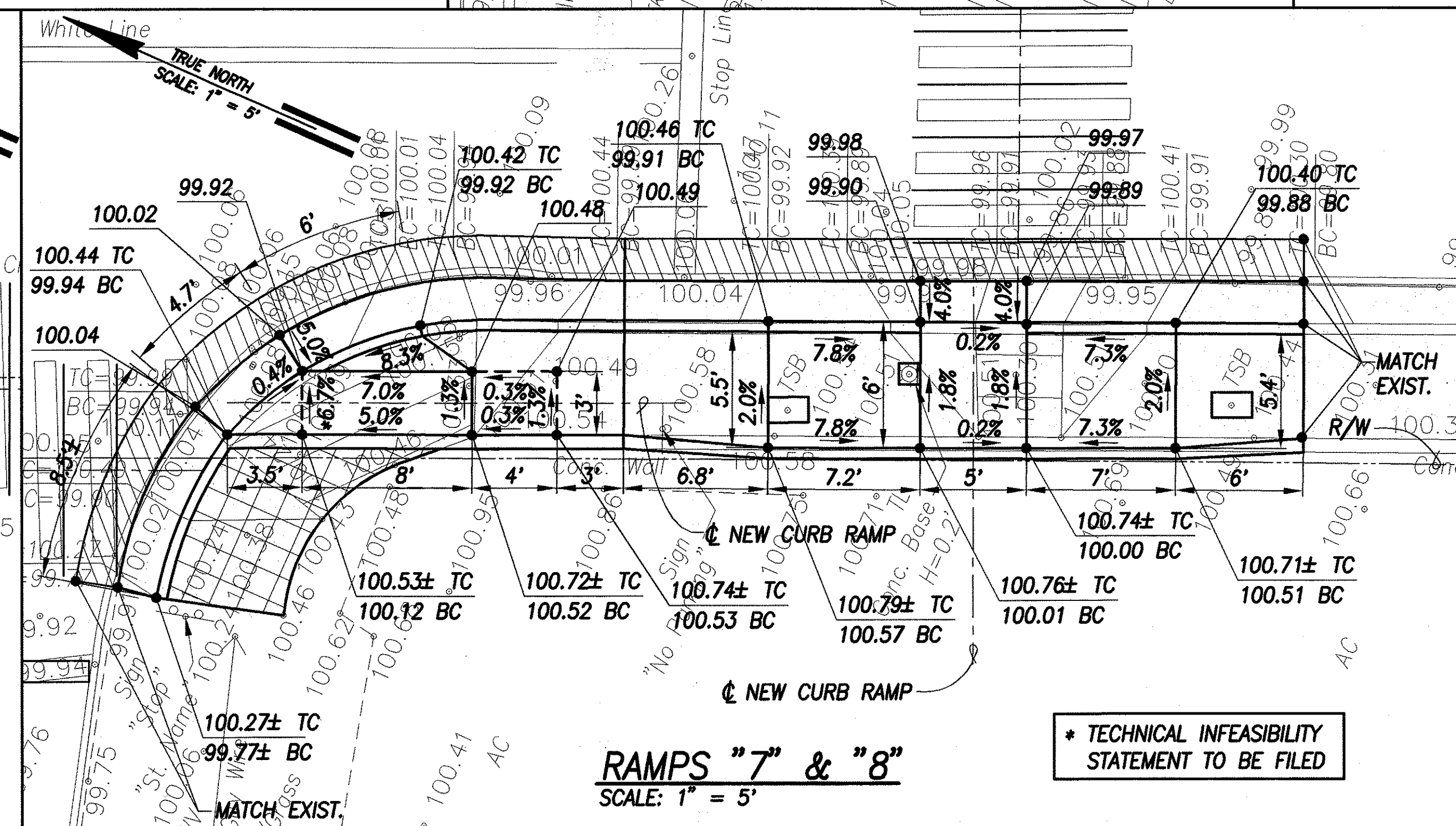
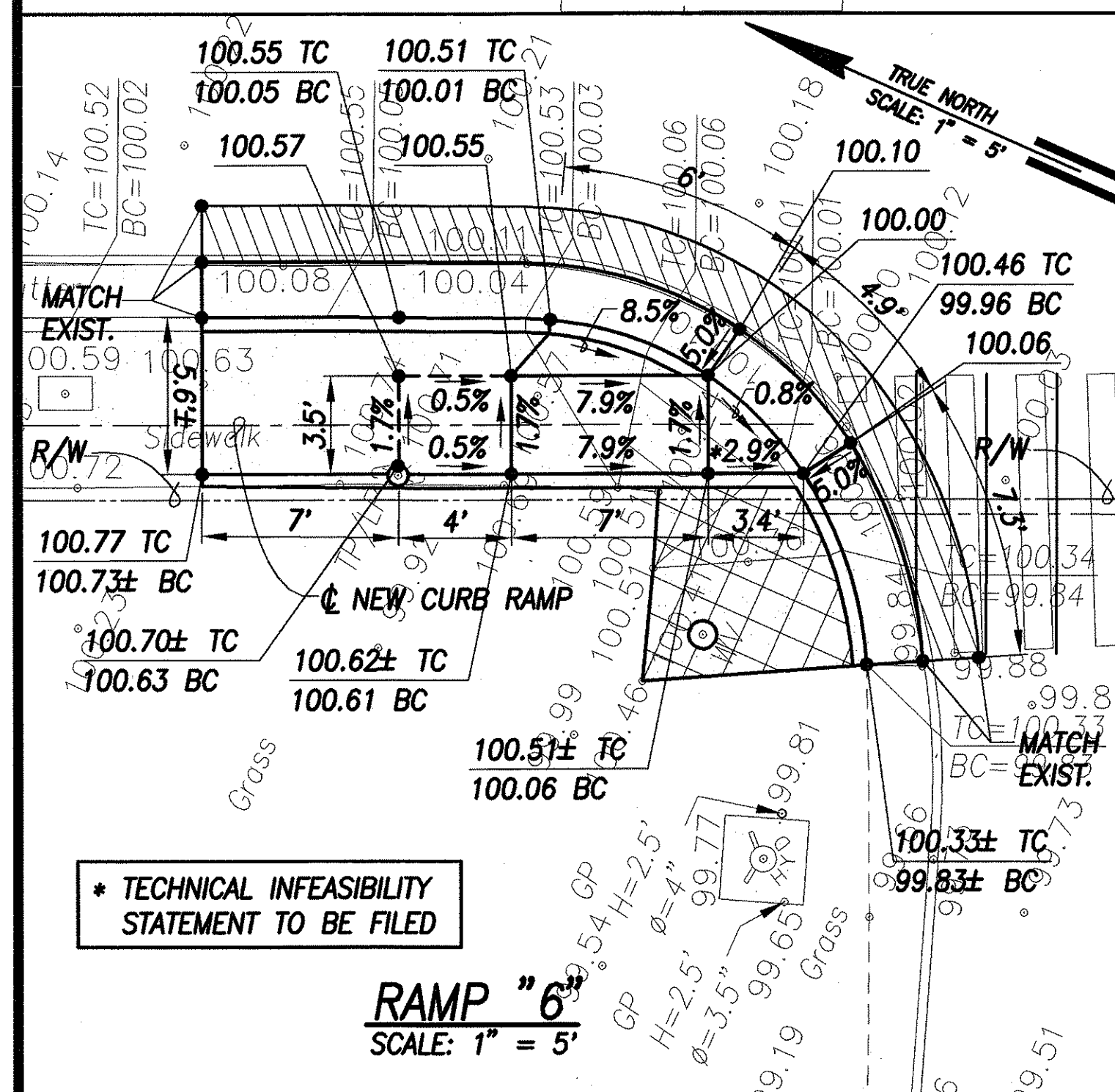
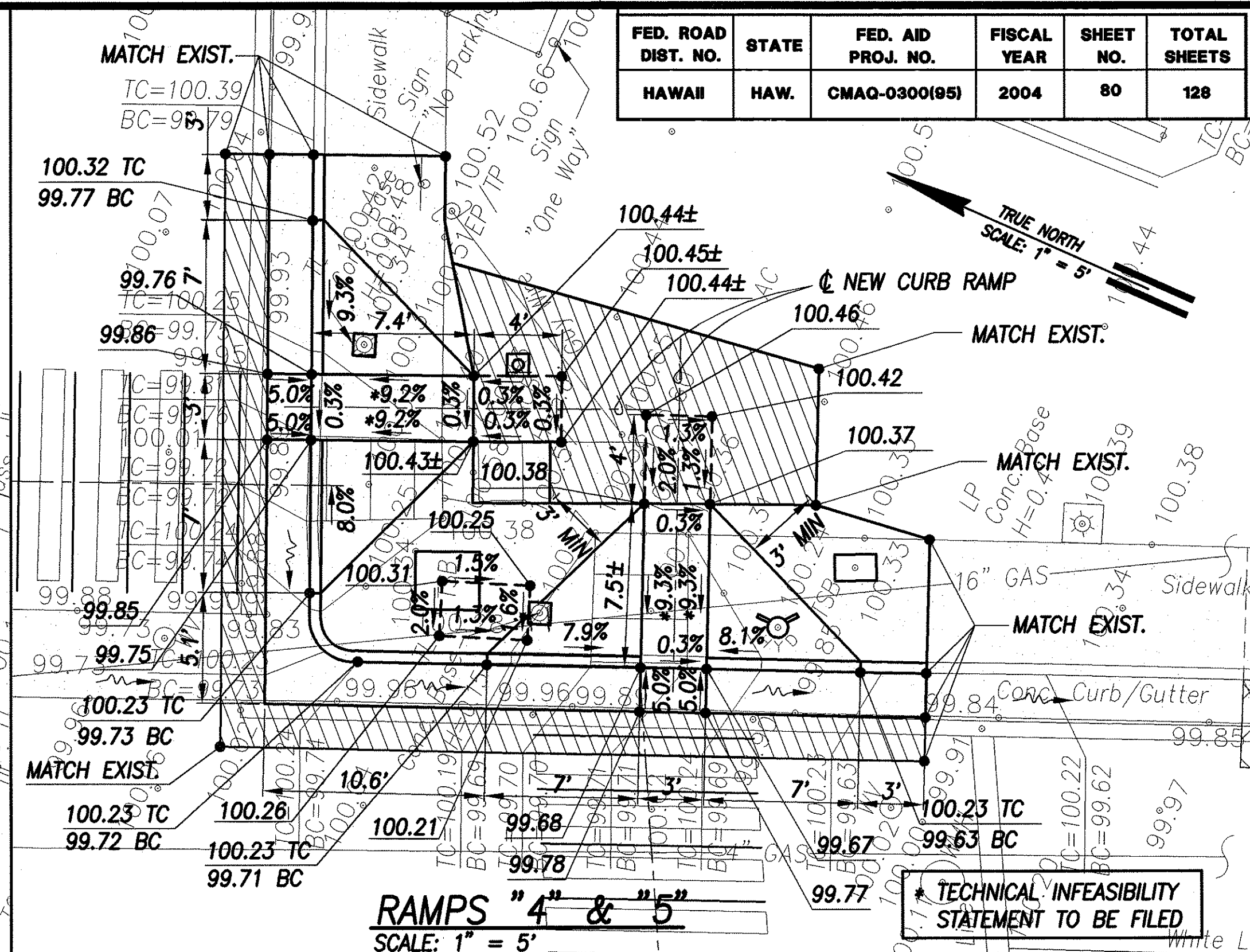
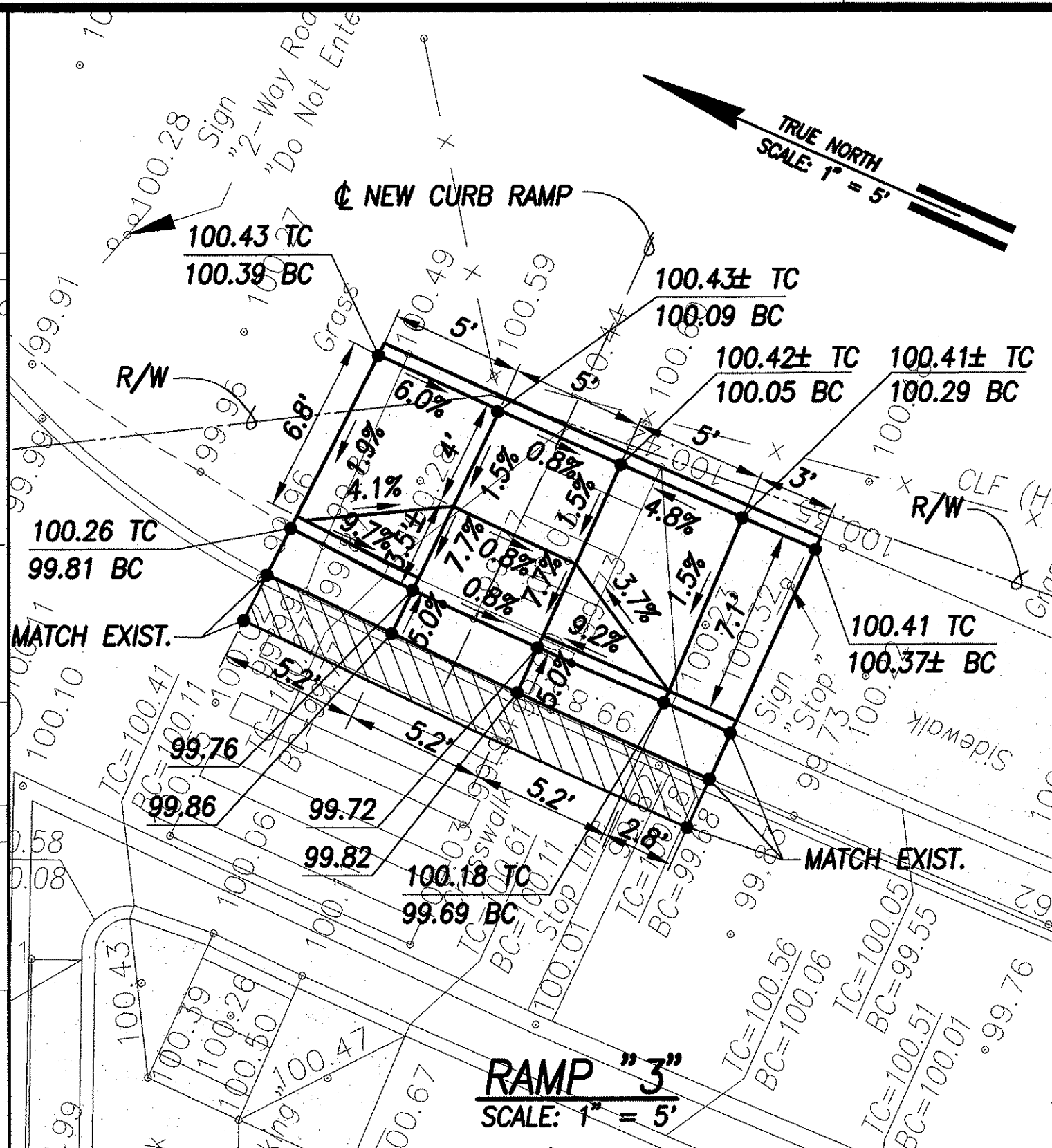
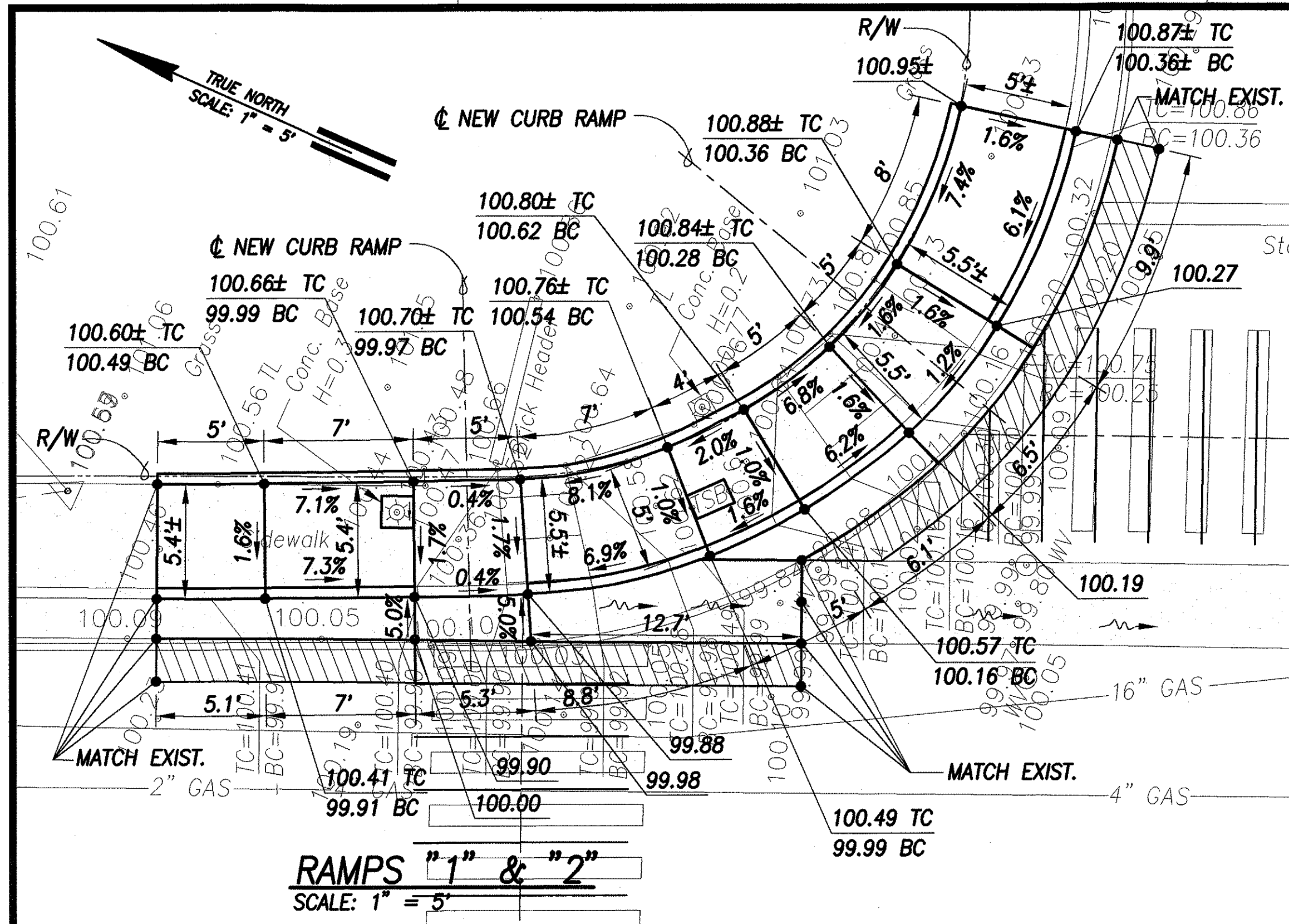
**SITE PLAN - FARRINGTON HWY.,
 OLD GOVERNMENT RD., & GUARD ST.**

*Pedestrian Facilities & ADA Compliance
 at Various Locations on Oahu, Unit 4*
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0" Date: AUGUST 2004

SHEET No. C-78 OF 94 SHEETS

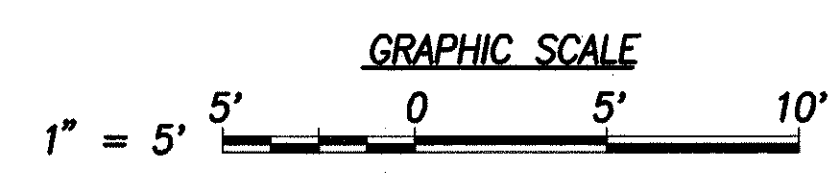
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	80	128



LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN - FARRINGTON HWY., GUARD ST., & OLD GOVERNMENT ROAD
INTERS. ID NO. 93-83189 & 93-83089
 SCALE: 1" = 5'

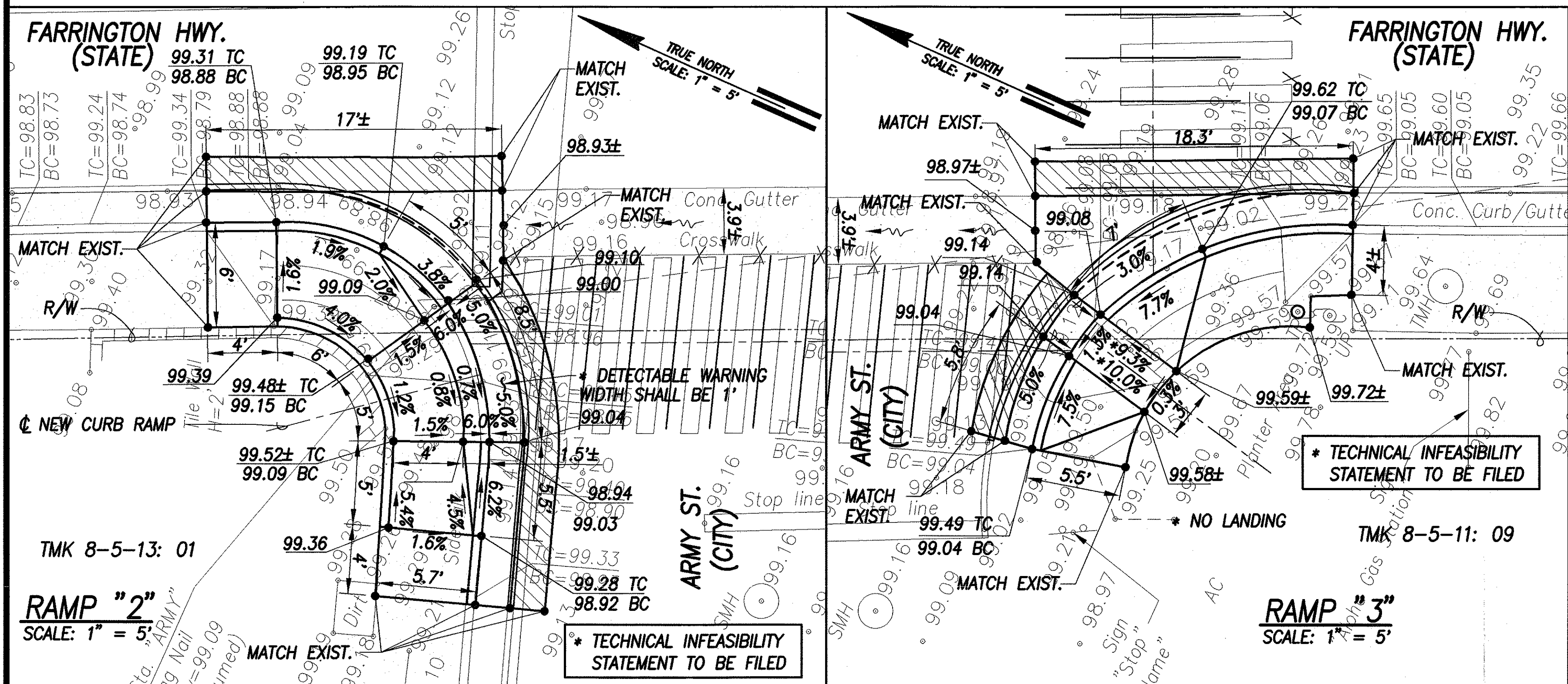
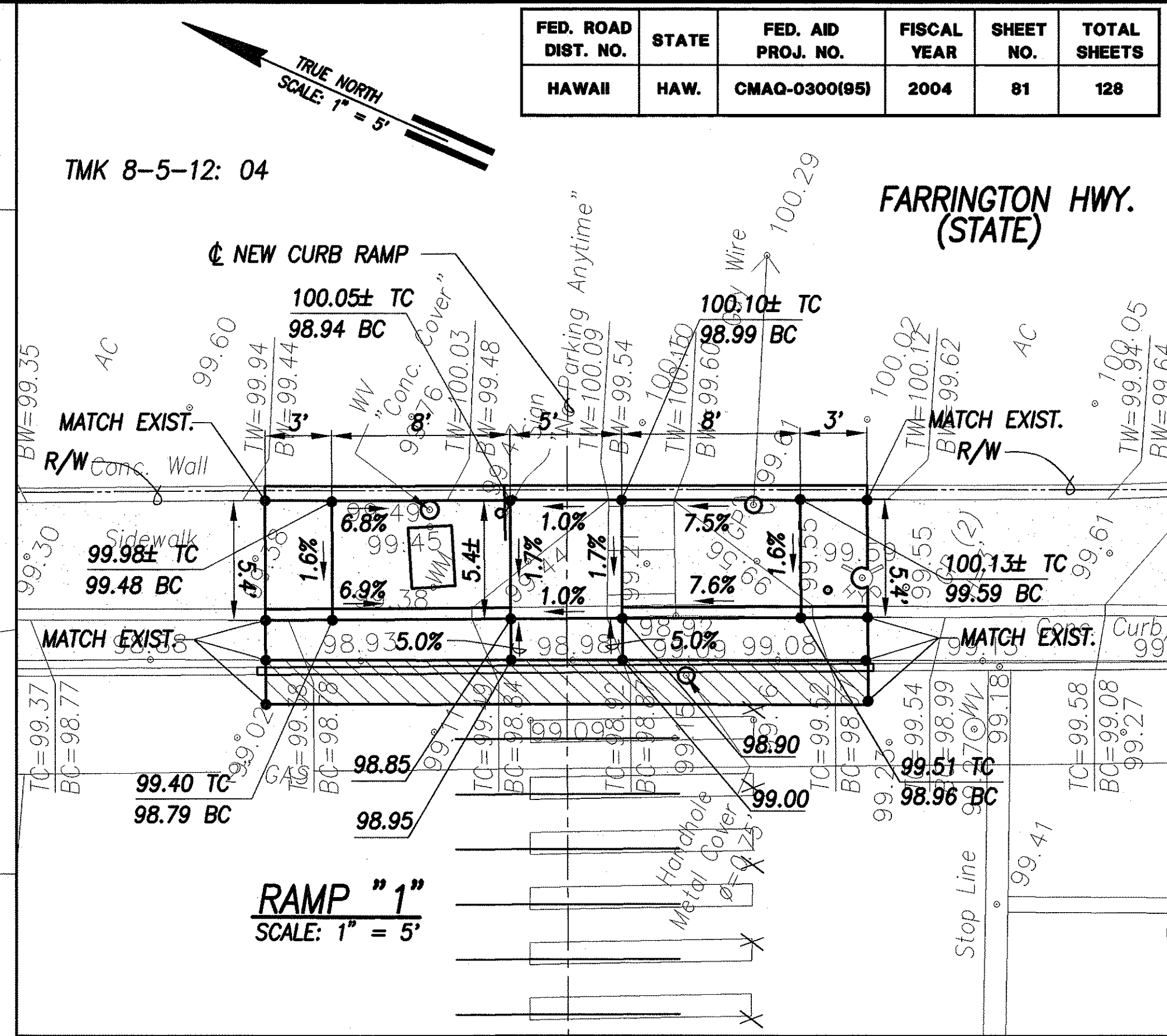
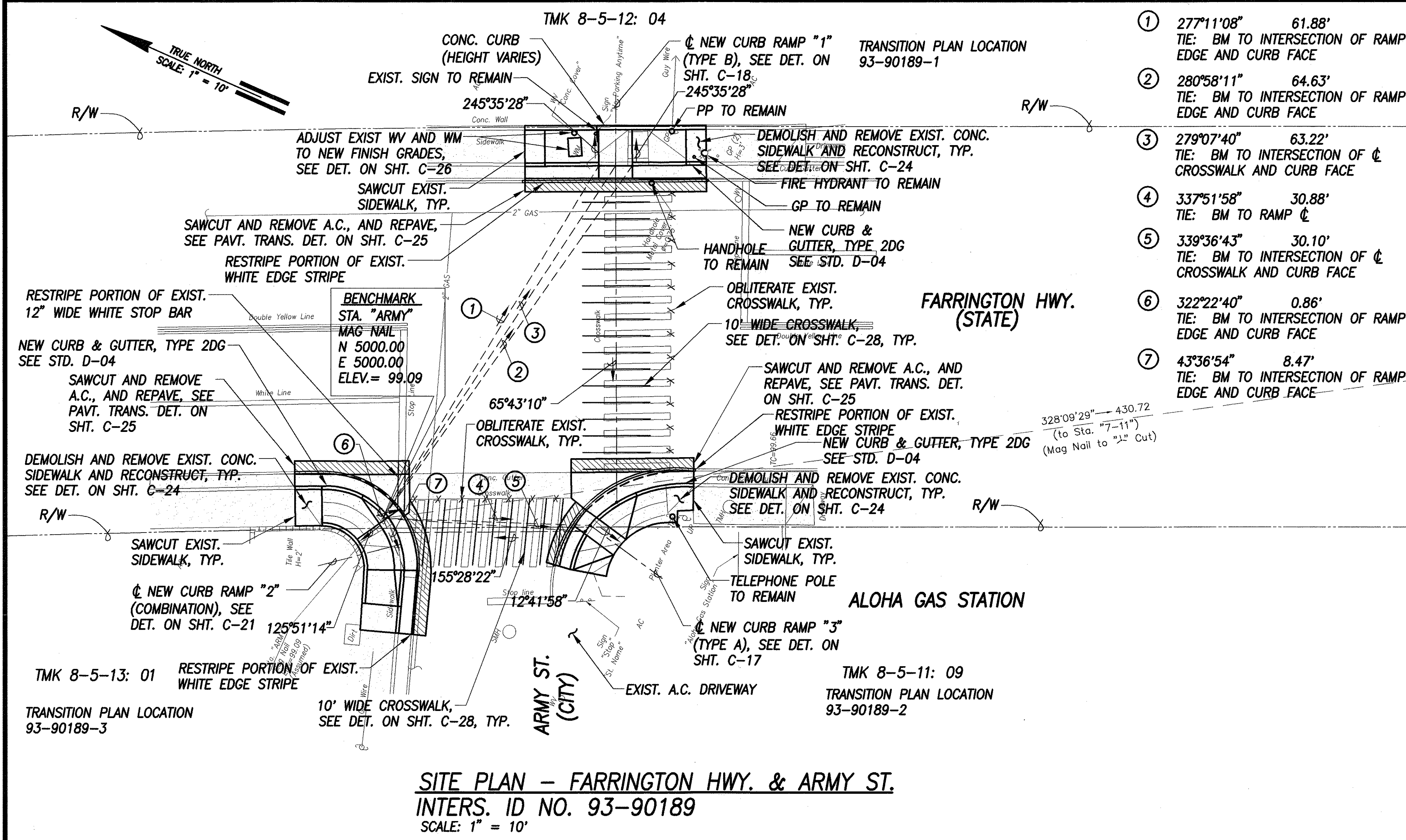


GREG H. HIYAKUMOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 6662-C
 HAWAII, U.S.A.
 License Expiration Date April 30, 2006
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 SIGNATURE DATE

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
GRADING PLAN-FARRINGTON HWY., OLD GOVERNMENT RD., & GUARD ST.
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 5'-0" Date: AUGUST 2004
SHEET No. C-79 OF 93 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	81	128



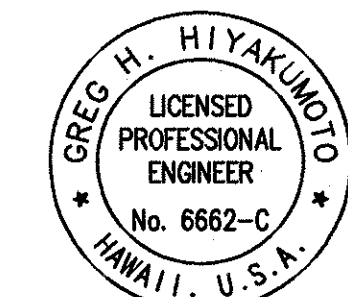
GRADING PLAN - FARRINGTON HWY. & ARMY ST. INTERS. ID NO. 93-90189
SCALE: 1" = 10'

LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

SURVEY PLANNED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
NO.	

Greg H. Hiyaokundo
Principal Executive
Maintenance Unit, BWS
Date: 8/19/04



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".
April 30, 2006
SIGNATURE: *Greg H. Hiyaokundo* EXPIRATION DATE

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

**SITE & GRADING PLAN
FARRINGTON HWY. & ARMY ST.**

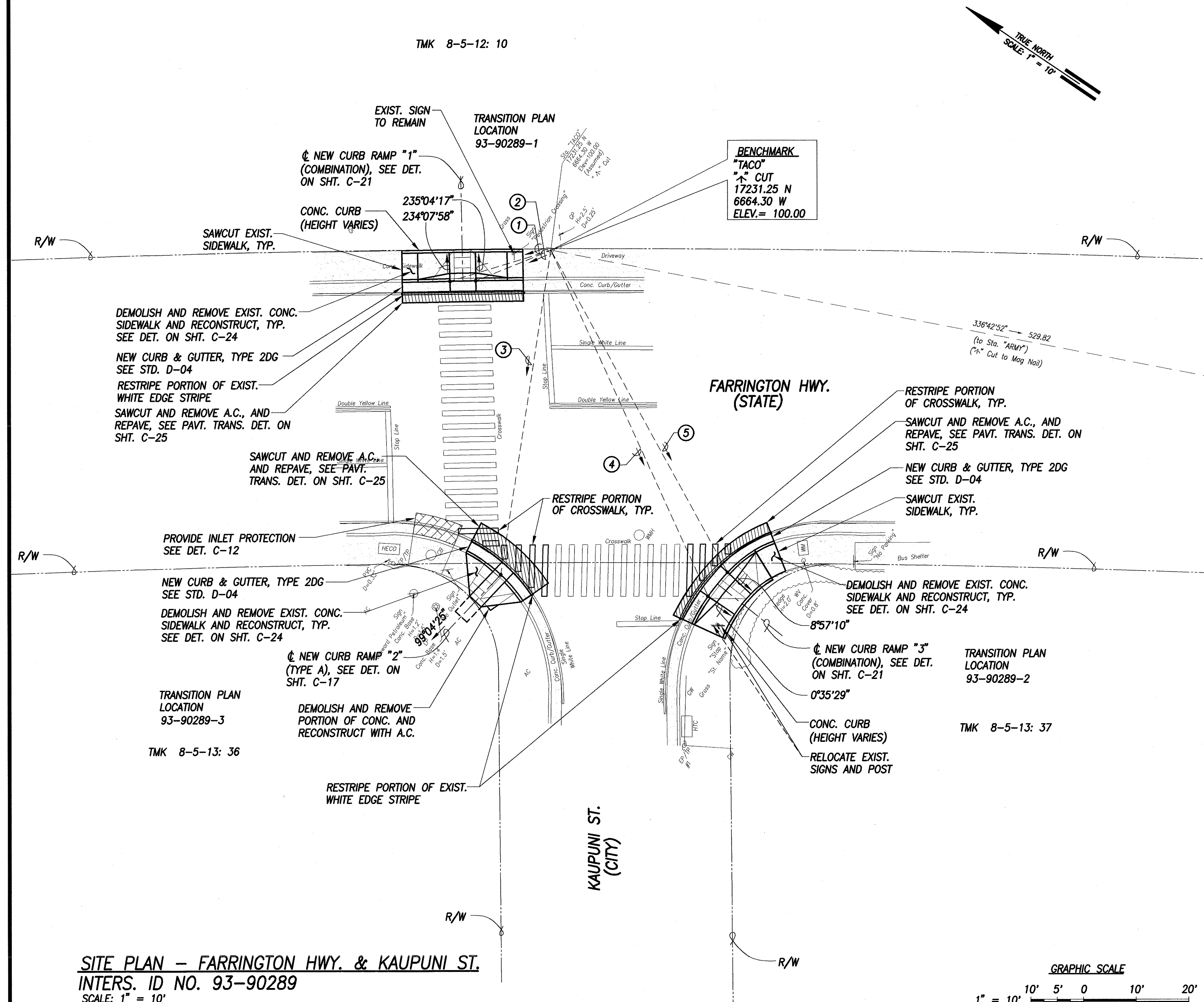
*Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 4*

Fed. Aid Proj. No. CMAQ-0300(95)

Scale: AS SHOWN Date: AUGUST 2004

SHEET No. C-80 OF 94 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	82	128



- ① 128°38'04" 20.10'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ② 123°37'25" 15.45'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ③ 64°33'24" 62.73'
TIE: BM TO INTERSECTION OF RAMP
AND CURB FACE
- ④ 31°28'31" 72.55'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑤ 27°10'29" 70.10'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE

GREG H. HIYAKUNOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
HAWAII, U.S.A.

License Expiration
Date April 30, 2006

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *[Signature]* DATE: *[Date]*

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN - FARRINGTON HWY. & KAUPUNI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

Fed. Aid Proj. No. CMAQ-0300(95)

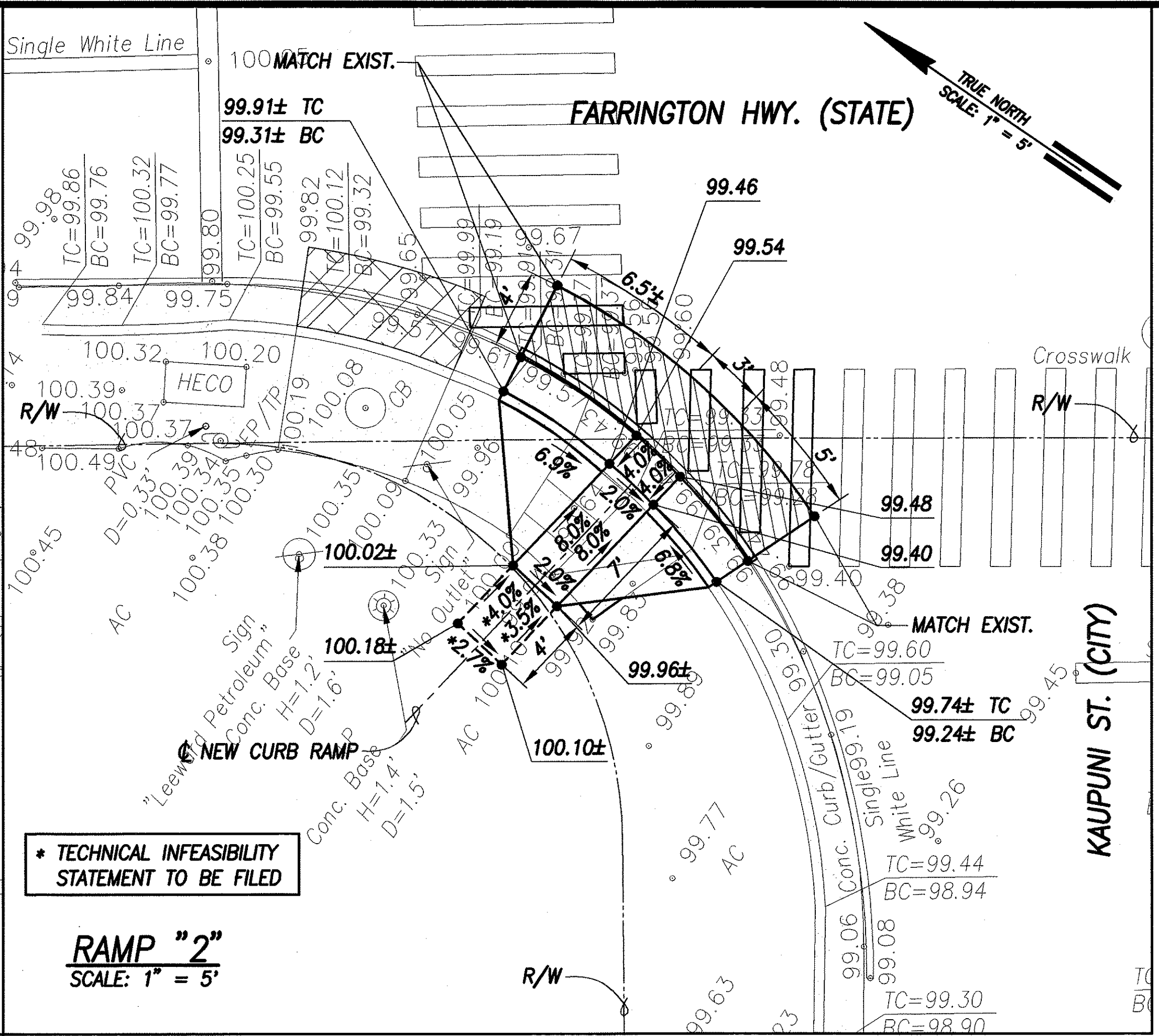
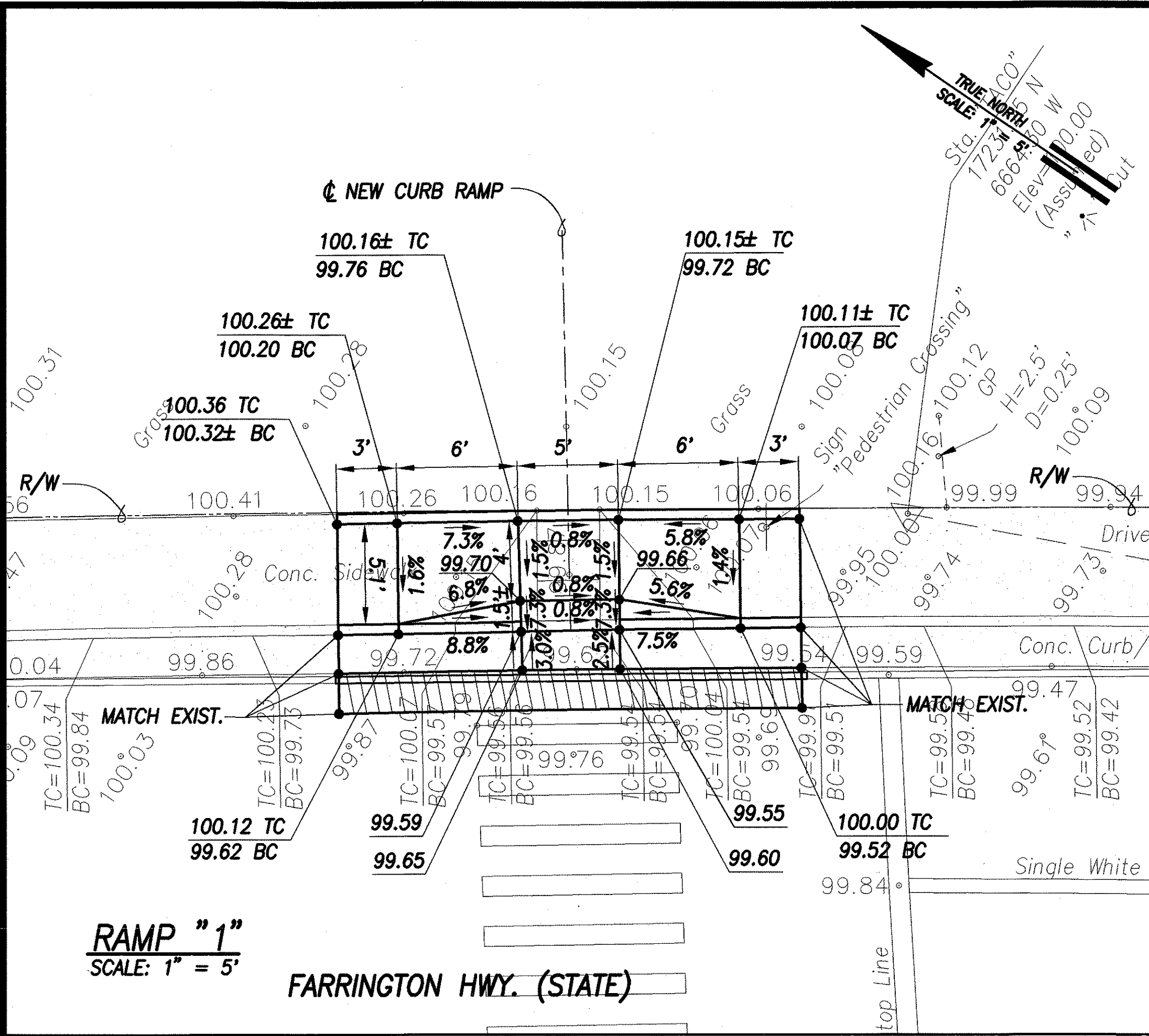
Scale: 1" = 10'-0" Date: AUGUST 2004

SHEET No. C-81 OF 93 SHEETS

82

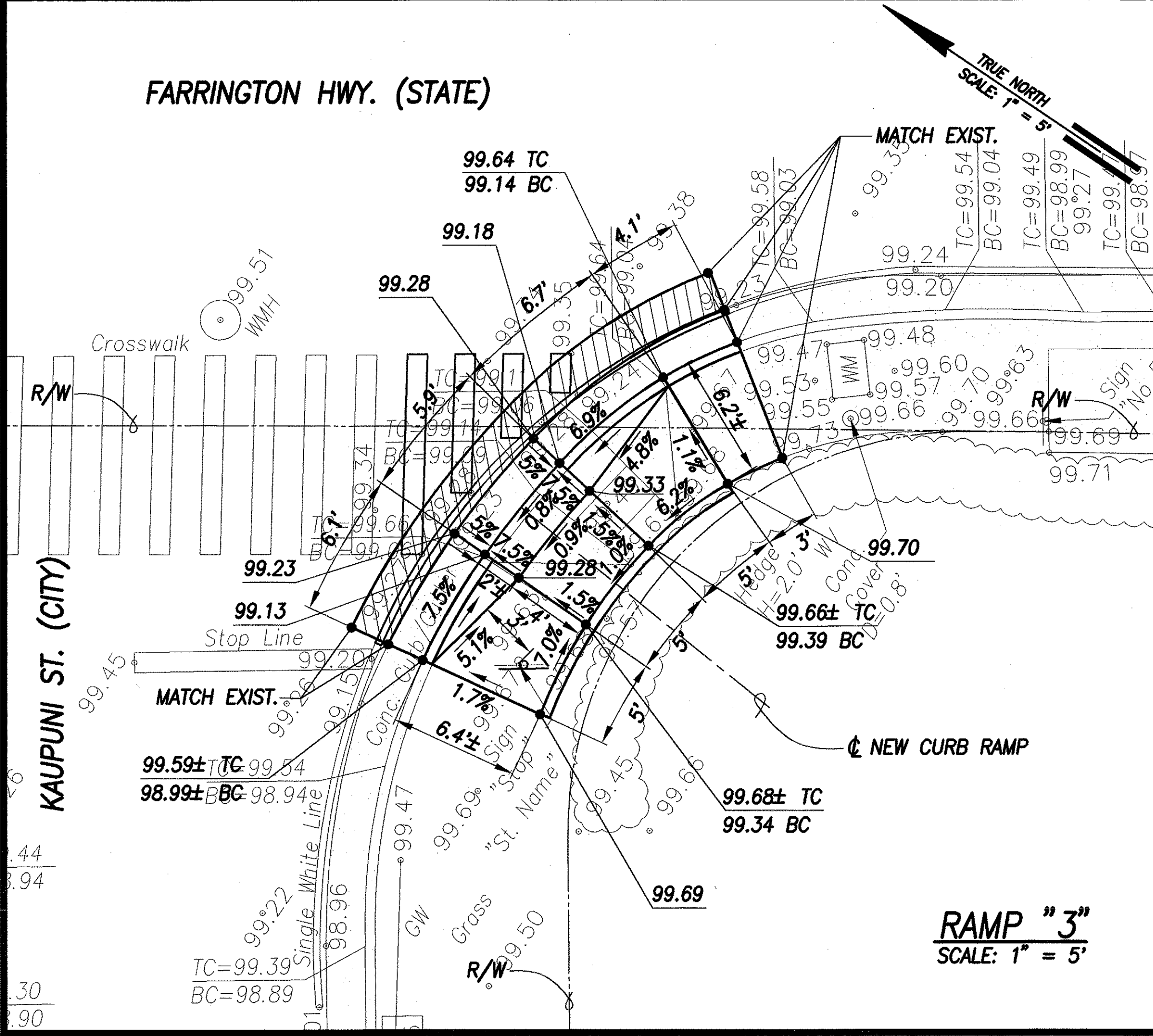
SURVEY PLANNED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
DATE	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	83	128



LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB



GRADING PLAN – FARRINGTON HWY. & KAUPUNI RD.
 INTERS. ID NO. 93-90289
 SCALE: 1" = 5'

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

GREG H. HIYAKUNOTO
 LICENSED PROFESSIONAL ENGINEER
 No. 6662-C
 HAWAII, U.S.A.
 License Expiration Date April 30, 2008

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *[Signature]* DATE: 8/13/04

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

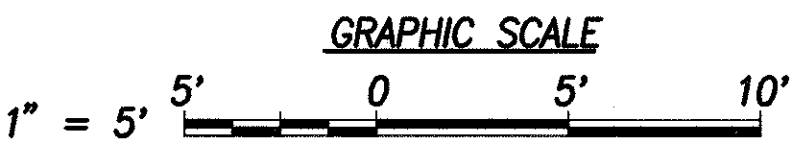
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

GRADING PLAN – FARRINGTON HWY. & KAUPUNI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0" Date: AUGUST 2004

SHEET No. C-82 OF 93 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	84	128

- 321°43'48" 139.68'
TIE: BM TO INTERSECTION OF ϕ CROSSWALK AND CURB FACE
- 322°00'53" 141.35'
TIE: BM TO INTERSECTION OF ϕ RAMP AND CURB FACE
- 322°32'55" 41.06'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 326°44'36" 40.55'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 327°06'08" 40.08'
TIE: BM TO INTERSECTION OF ϕ CROSSWALK AND CURB FACE
- 13°18'24" 76.29'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
- 14°55'16" 74.92'
TIE: BM TO INTERSECTION OF ϕ CROSSWALK AND CURB FACE
- 16°33'00" 73.64'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

Joseph W. Kaku 8/19/04
Principal Executive Date
Maintenance Unit, BWS_{HA}



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
Greg H. Hiyaumoto April 30, 2006
 SIGNATURE DATE
 "OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

SITE PLAN – FARRINGTON HWY. & ALA HEMA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4

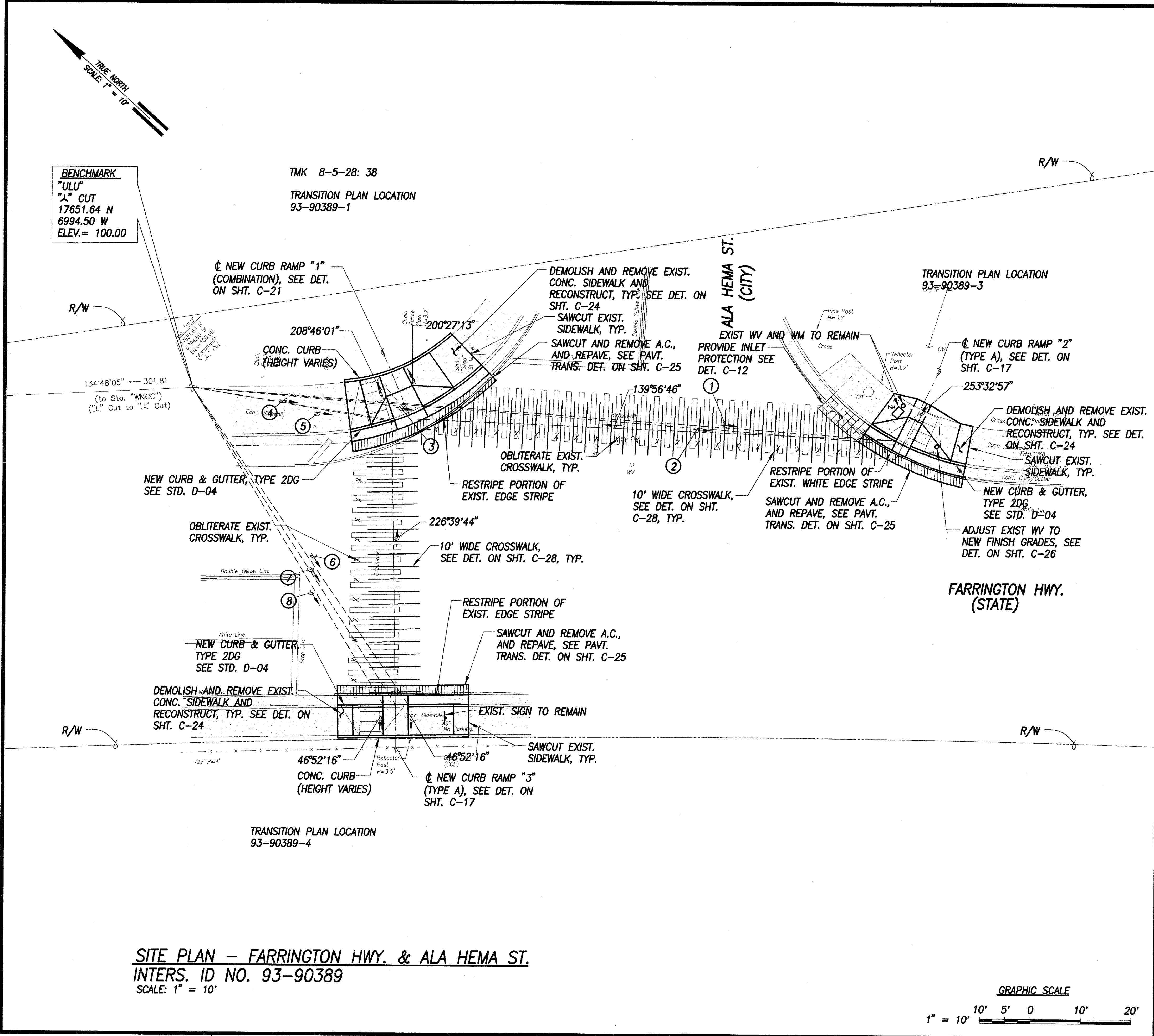
Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0"

Date: AUGUST 2004

SHEET NO. C-83 OF 94 SHEETS

84



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

TMK 8-5-28: 38

R/W

R/W

NEW CURB RAMP

MATCH EXIST.

100.66± TC
100.29 BC

100.55± TC
100.47 BC

100.34 TC
99.84 BC

100.80± TC
100.34 BC

100.96± TC
100.80 BC

100.33

100.01

100.68 TC
100.18 BC

101.31 TC
100.81 BC

Grass

Conc. Sidewalk

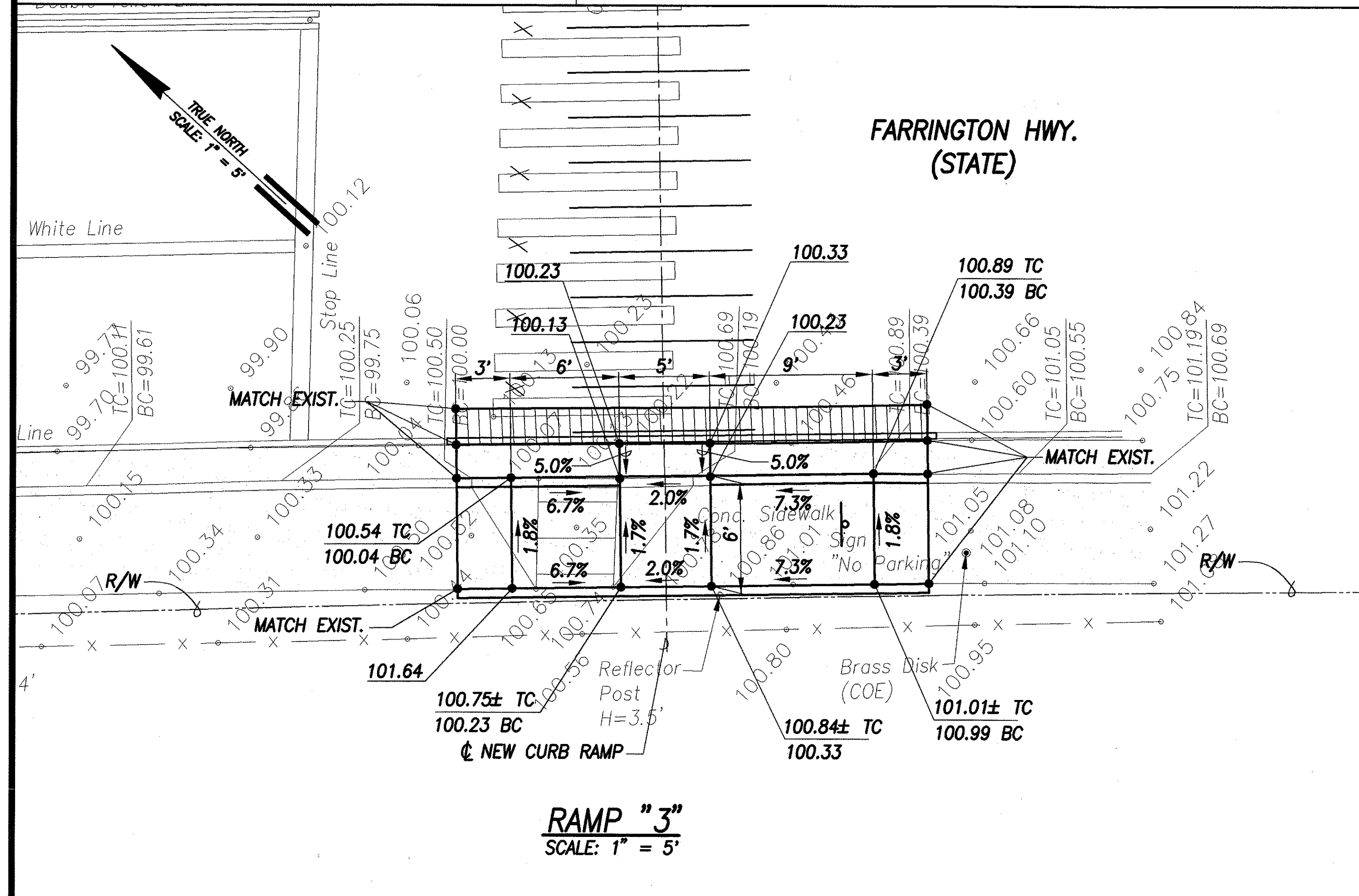
Stop Line

ALA HEMA ST. (CITY)

FARRINGTON HWY. (STATE)

TRUE NORTH
SCALE: 1" = 5'

RAMP "1"
SCALE: 1" = 5'

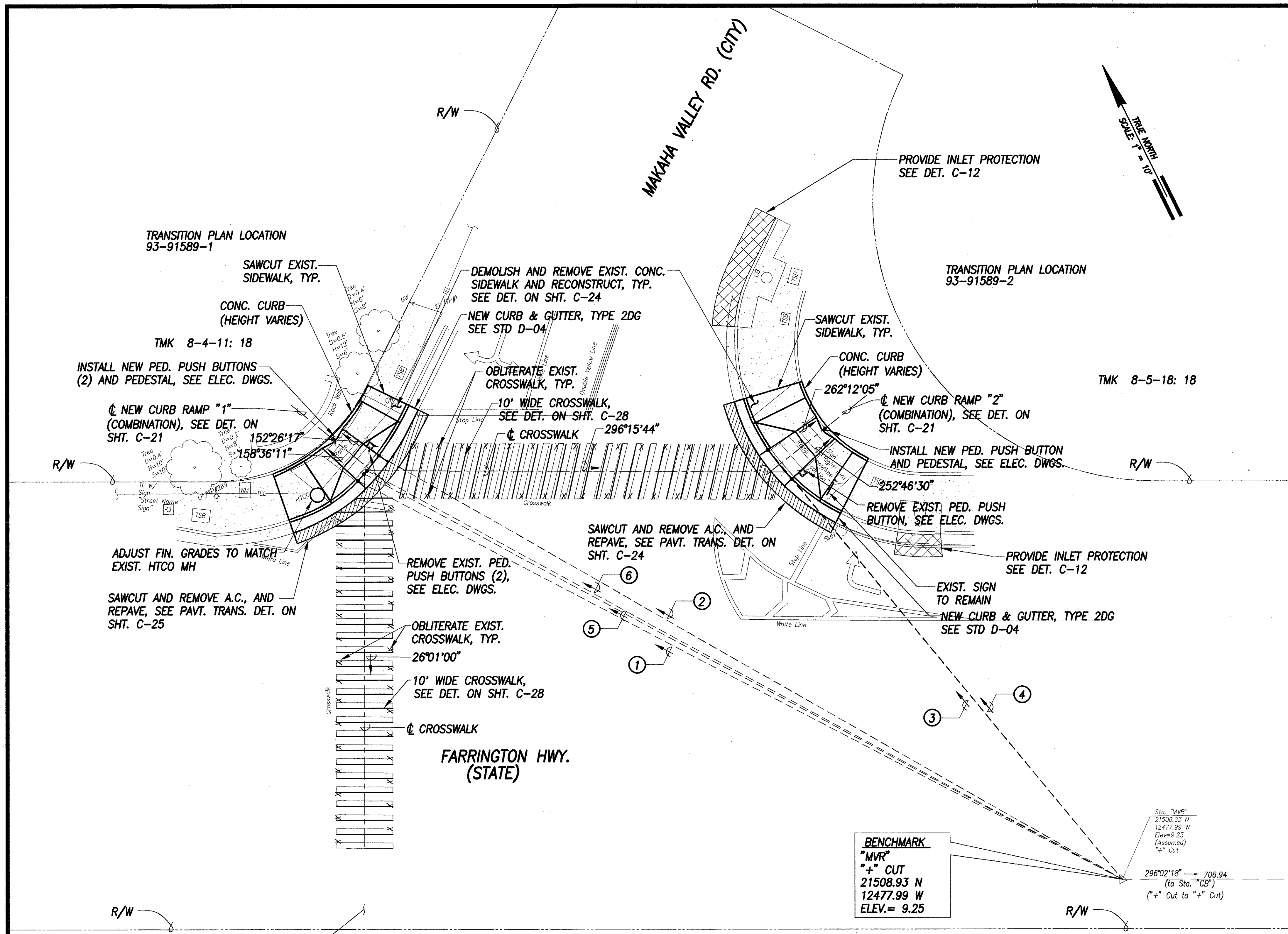


GRAPHIC SCALE

1" = 5' 5' 0 5' 10'

A horizontal line with vertical tick marks. The line is divided into segments by these marks. Above the line, the numbers 0, 5, and 10 are placed. Below the line, the text '1" = 5'' is placed on the left. The segments represent 5-foot increments.

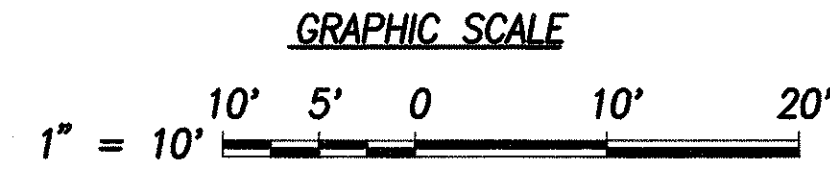
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	87	128



- ① 143°45'26" 153.35'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ② 145°55'07" 152.27'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ③ 166°46'20" 92.56'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ④ 166°46'20" 99.27'
TIE: BM TO INTERSECTION OF RAMP
EDGE AND CURB FACE
- ⑤ 144°22'02" 152.96'
TIE: BM TO INTERSECTION OF C
CROSSWALK AND CURB FACE
- ⑥ 144°38'20" 152.80'
TIE: BM TO INTERSECTION OF C
CROSSWALK AND CURB FACE

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

SITE PLAN - FARRINGTON HWY. & MAKAHA VALLEY RD.
INTERS. ID NO. 93-91589
 SCALE: 1" = 10'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

SIGNATURE: *Greg H. Hiyaokuno* DATE: 8/13/04

"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

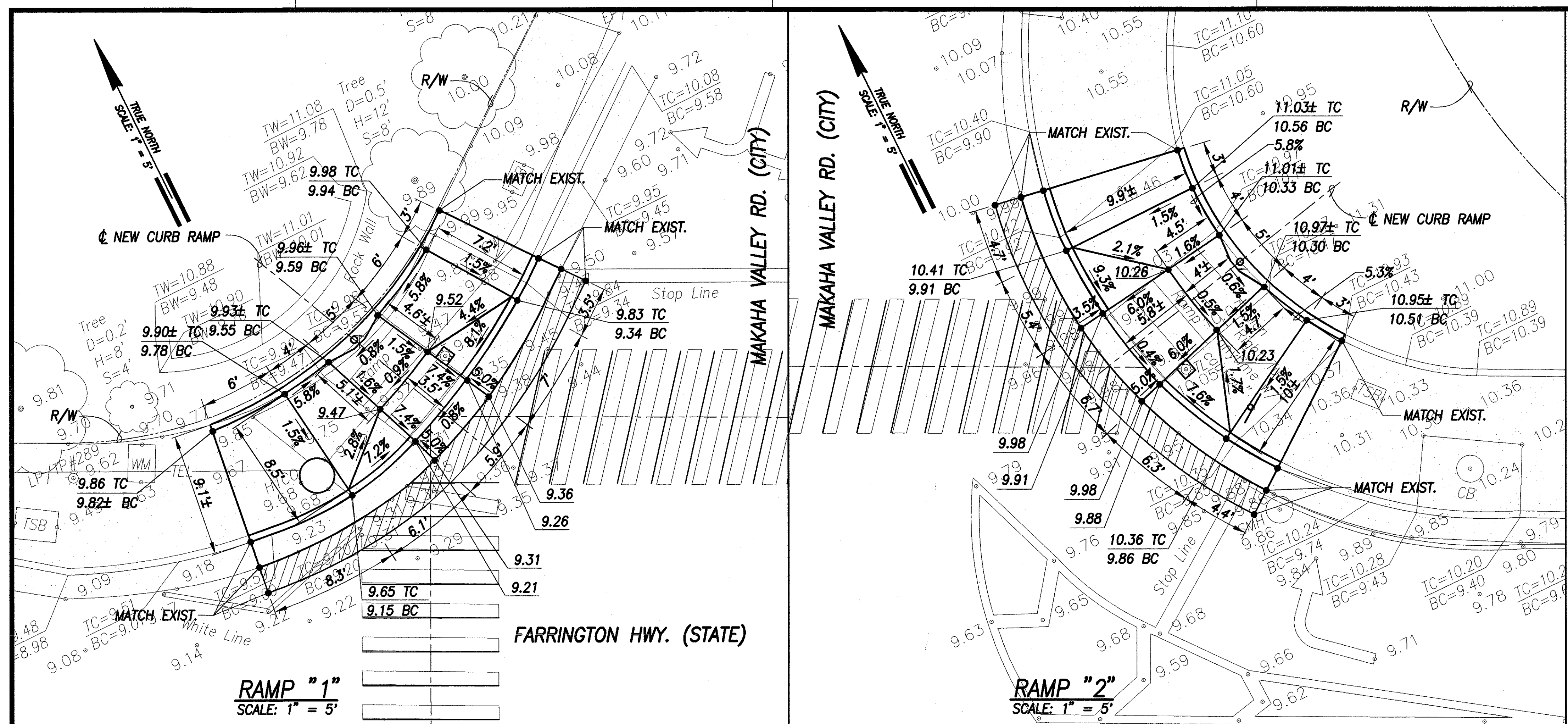
SITE PLAN - FARRINGTON HWY. & MAKAHA VALLEY RD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 4
 Fed. Aid Proj. No. CMAQ-0300(95)

Scale: 1" = 10'-0" Date: AUGUST 2004

SHEET No. C-86 OF 93 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(95)	2004	88	128

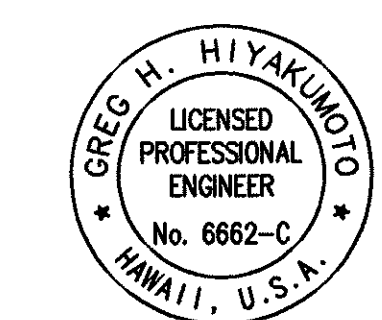


LEGEND

- 49.52 EXIST. SPOT ELEVATION
- 52.58 FINISHED SPOT GRADE
- 51.50 TC FINISHED TOP OF CURB
- 51.00 BC FINISHED BOTTOM OF CURB

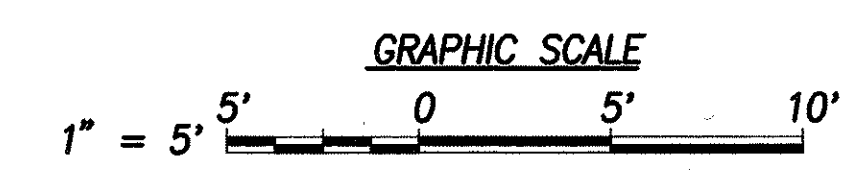
GRADING PLAN – FARRINGTON HWY. & MAKAHA VALLEY RD.
INTERS. ID NO. 93-91589
 SCALE: 1" = 5'

SURVEY PLANNED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
NOTE BOOK	
No.	



License Expiration
 Date April 30, 2006
 THIS WORK WAS PREPARED BY ME OR UNDER
 MY SUPERVISION AND CONSTRUCTION OF THIS
 PROJECT WILL BE UNDER MY OBSERVATION.

Greg H. Hiyaikwito
 SIGNATURE DATE 8/13/04
 "OBSERVATION OF CONSTRUCTION" IS DEFINED AS
 IN CHAPTER 16-115, HAWAII ADMINISTRATIVE
 RULES ENTITLED "PROFESSIONAL ENGINEERS,
 ARCHITECTS, SURVEYORS AND LANDSCAPE
 ARCHITECTS".



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
**GRADING PLAN – FARRINGTON
 HWY. & MAKAHA VALLEY RD.**
*Pedestrian Facilities & ADA Compliance
 at Various Locations on Oahu, Unit 4*
 Fed. Aid Proj. No. CMAQ-0300(95)
 Scale: 1" = 5'-0" Date: AUGUST 2004
SHEET No. C-87 OF 93 SHEETS