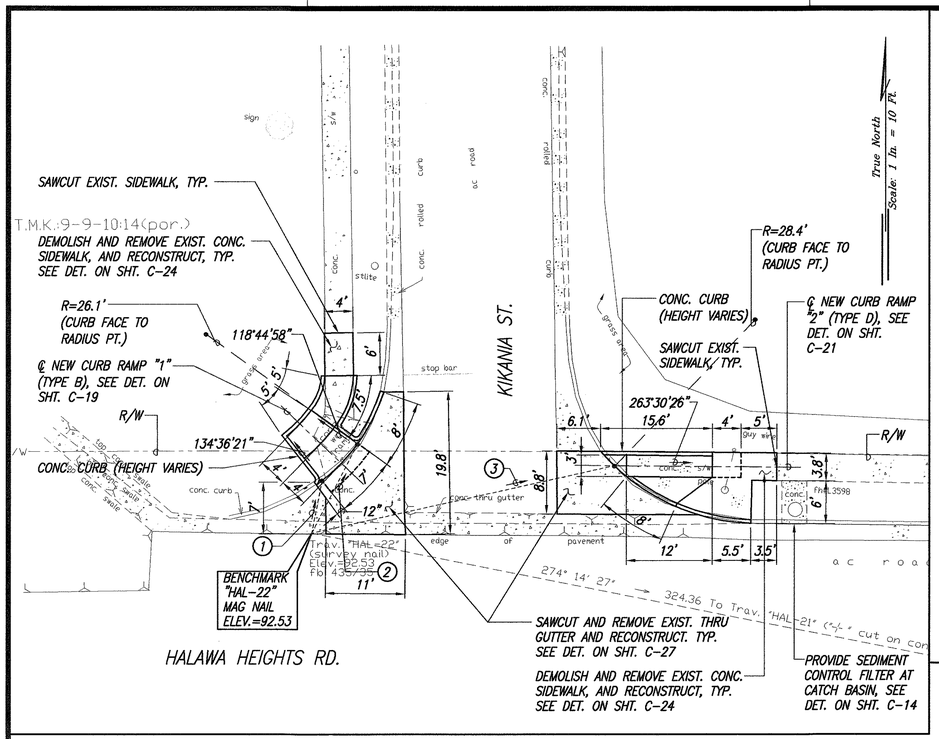
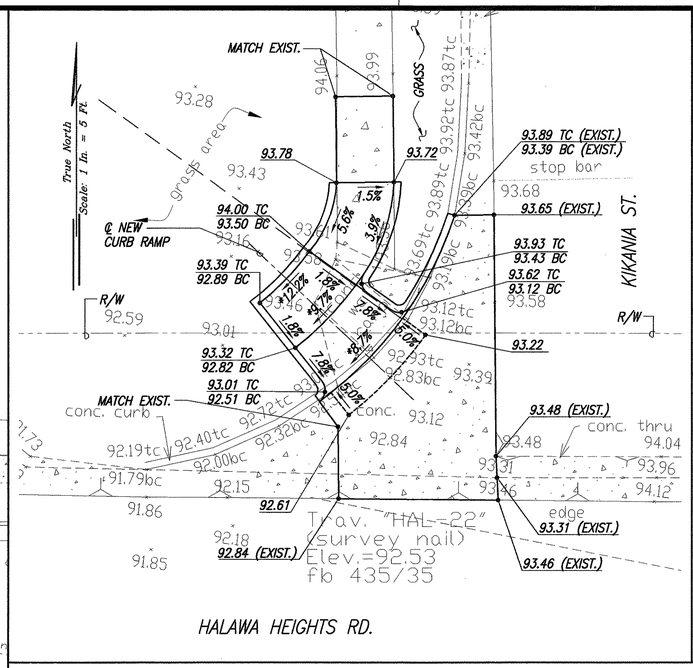
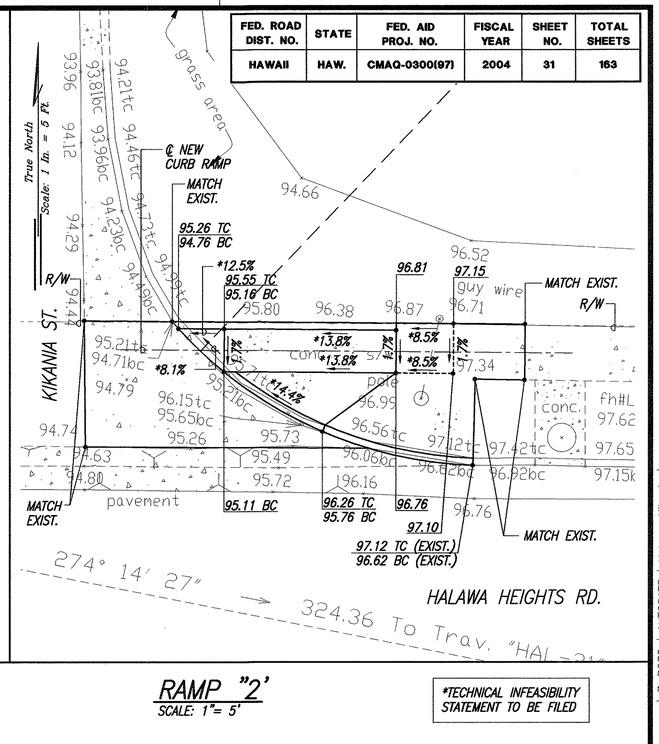
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	31	163





RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – HALAWA HEIGHTS RD. & KIKANIA ST.
INTERS. ID NO. 10289
SCALE: 1"= 10'

LEGEND

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

(1) 184°09'33" 7.47'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 200°07'01" 14.09'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 250°25'23" 43.29'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

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

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

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
HALAWA HTS. RD. & KIKANIA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

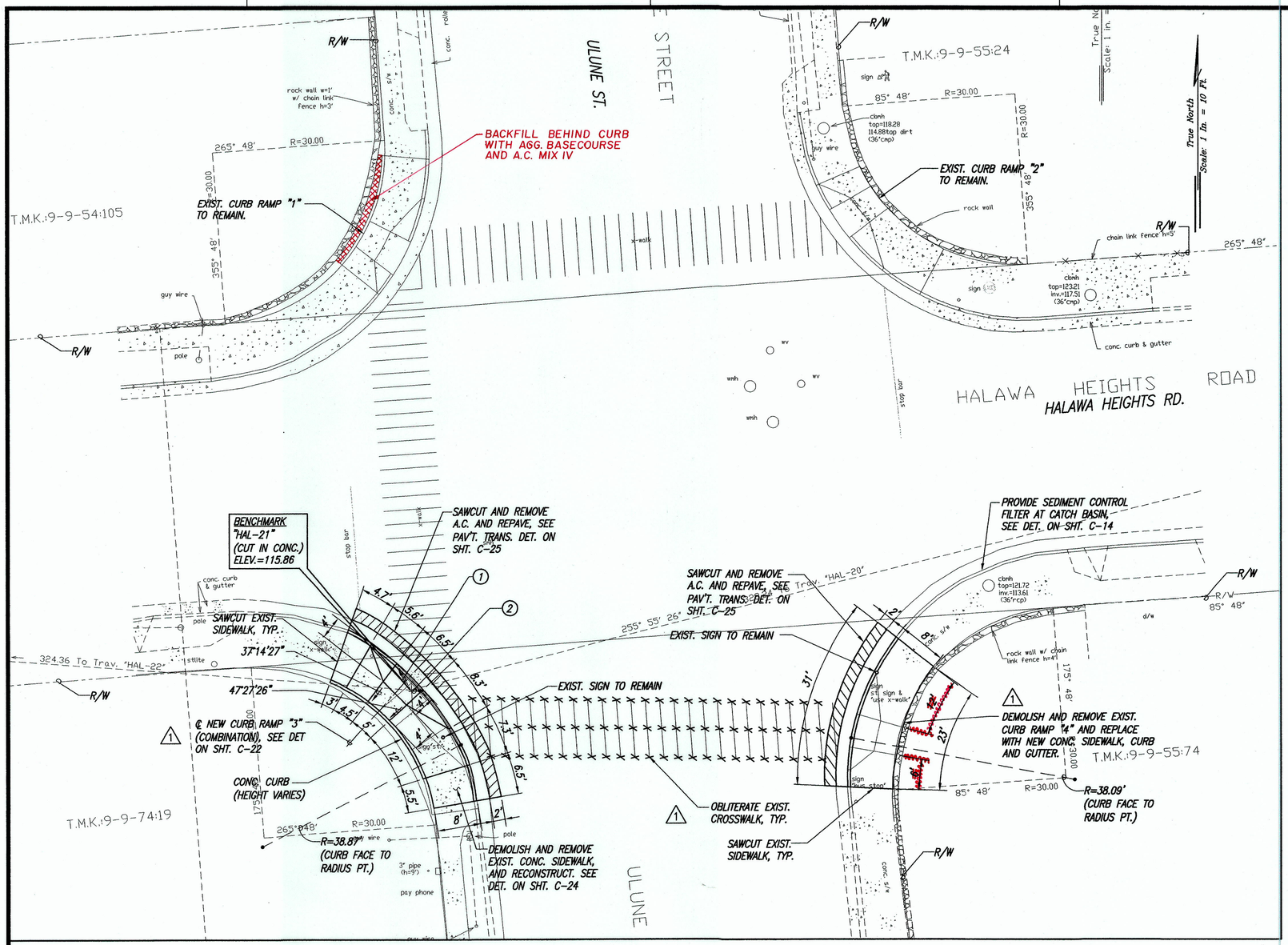
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-30 OF 122 SHEETS

DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-030 Plot date: Aug 20, 2004-09:10:38am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Kikania |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O.32	163



SITE PLAN – HALAWA HEIGHTS RD. & ULUNE ST.
INTERS. ID NO. 10389
SCALE: 1"= 10'

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

△1 ① 153°39'03" 5.19'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

② 268°36'50" 2.22'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

DATE	REVISION
4/28/05	Revised curb Ramp #3 removed crosswalk along south leg of intersection and removed curb ramp #4.

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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4/28/05
Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
HALAWA HTS. RD. & ULUNE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

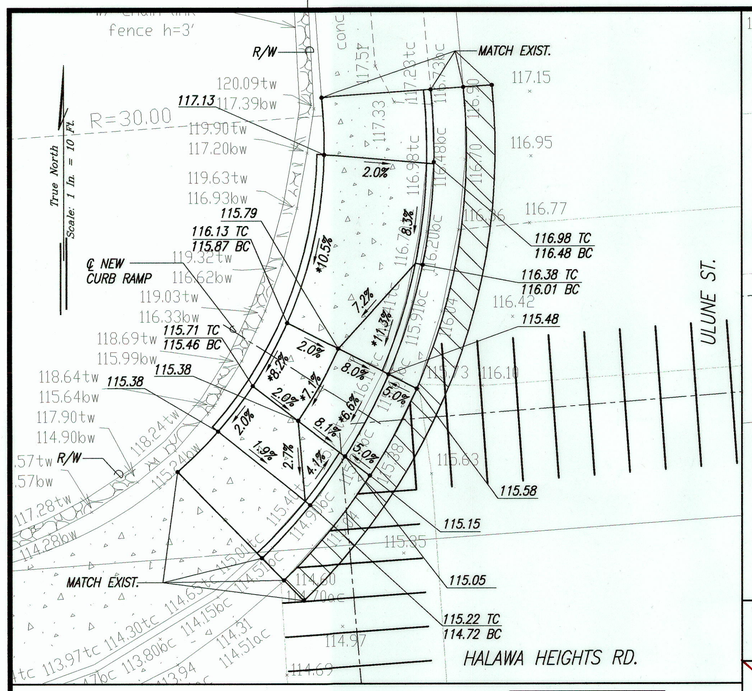
SHEET No. C-31 OF 122 SHEETS

"AS-BUILT" C.O. 32

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

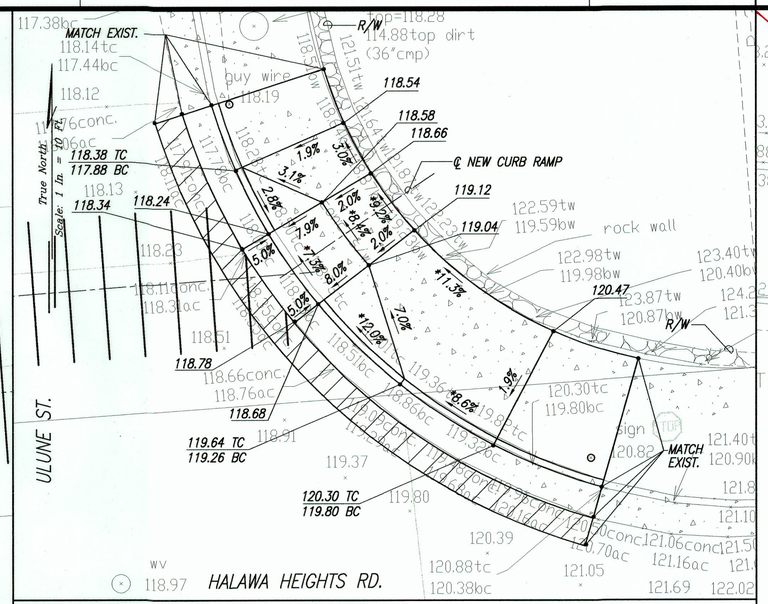
Plot Name: 6673-04 Curb Ramps\Contract Order\ Filename: CO-32 Plot date: May 02, 2005-01:17:25pm CAD User: mfujita. Xref Filename: | Z-BORD | AUTODATE | Halawa-Ulune_C.O._Base | Halawa-Ulune_C.O._042905 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	33	163



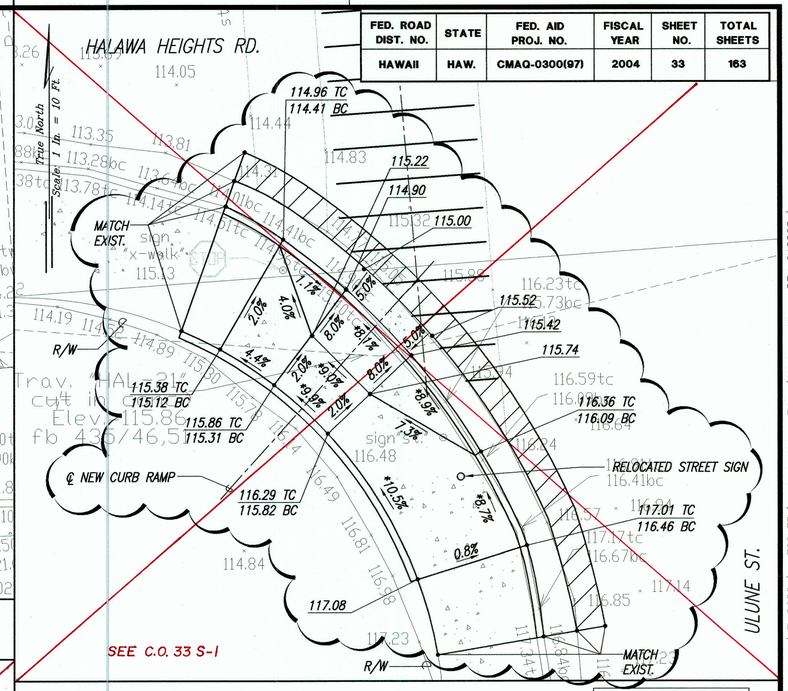
RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



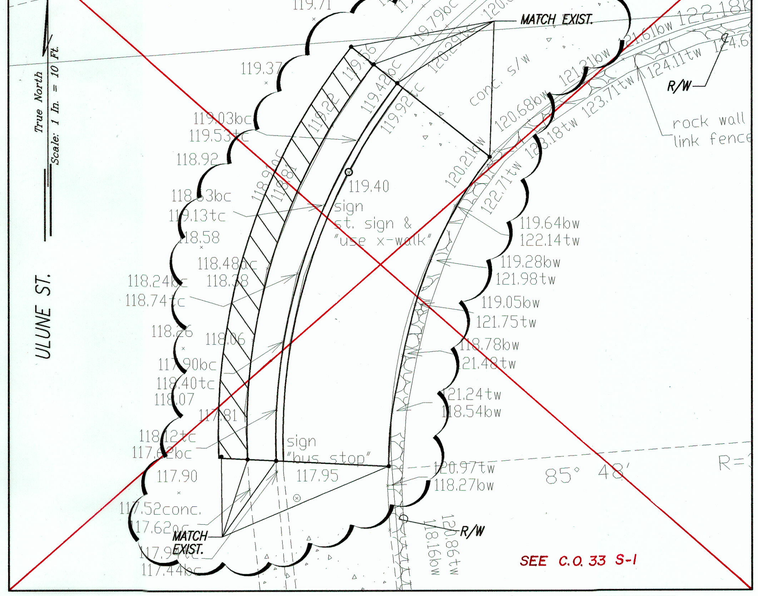
RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

REDUCED PLAN
THIS PLAN WAS REDUCED FROM A 22" X 34" ORIGINAL PLAN

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

GRADING PLAN – HALAWA HEIGHTS RD. & ULUNE ST.
INTERS. ID NO. 10389
SCALE: 1"= 5'

DATE	REVISION
4/22/05	REMOVED CURB RAMP #4 AND REPLACE WITH NEW SIDEWALK. REVISED CURB RAMP #3.

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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4-22-05
SIGNATURE
APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
HALAWA HTS. RD. & ULUNE ST.

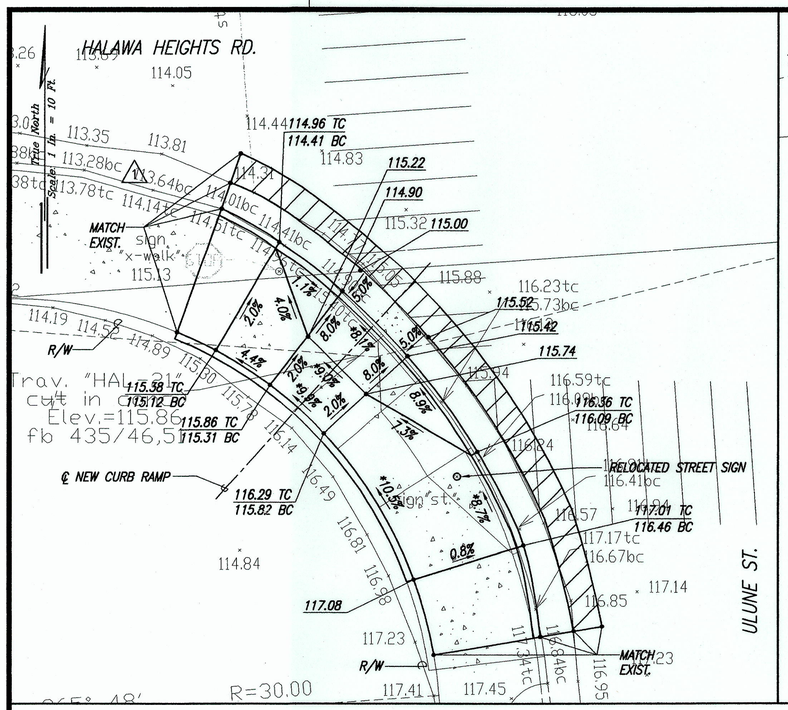
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-32 OF 122 SHEETS

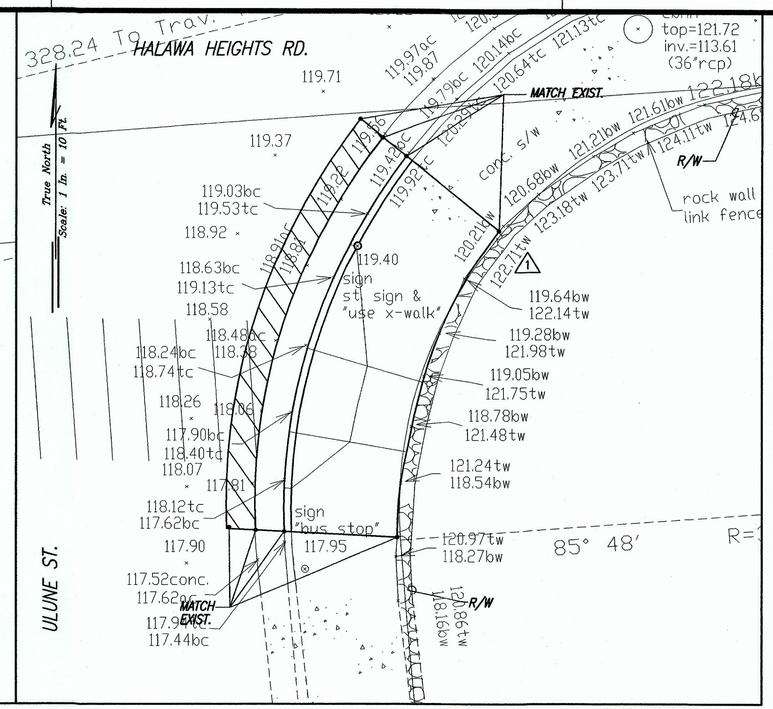
"AS-BUILT"
C.O. 33

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-032_REV_042205 Plot date: Apr 22, 2005-01:59:42pm CAD User: mpascua. Xref Filename: | Z-BORD | AUTODATE | Halawa-Ulune_Base | Halawa-Ulune_REV_042205 |



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



(SIDEWALK) RAMP "4"
SCALE: 1"= 5'

*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(97)	2004	C.O. 33 S-1	163

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

GRAPHIC SCALE

1" = 5' (5' 0 5' 10')

GRADING PLAN – HALAWA HEIGHTS RD. & ULUNE ST.
INTERS. ID NO. 10389
SCALE: 1"= 5'

DATE	REVISION
4/28/05	Removed curb ramp #4 and replaced with new sidewalk. Revised curb ramp #3.

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.
C.L. 4/28/05
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

GRADING PLAN
HALAWA HTS. RD. & ULUNE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

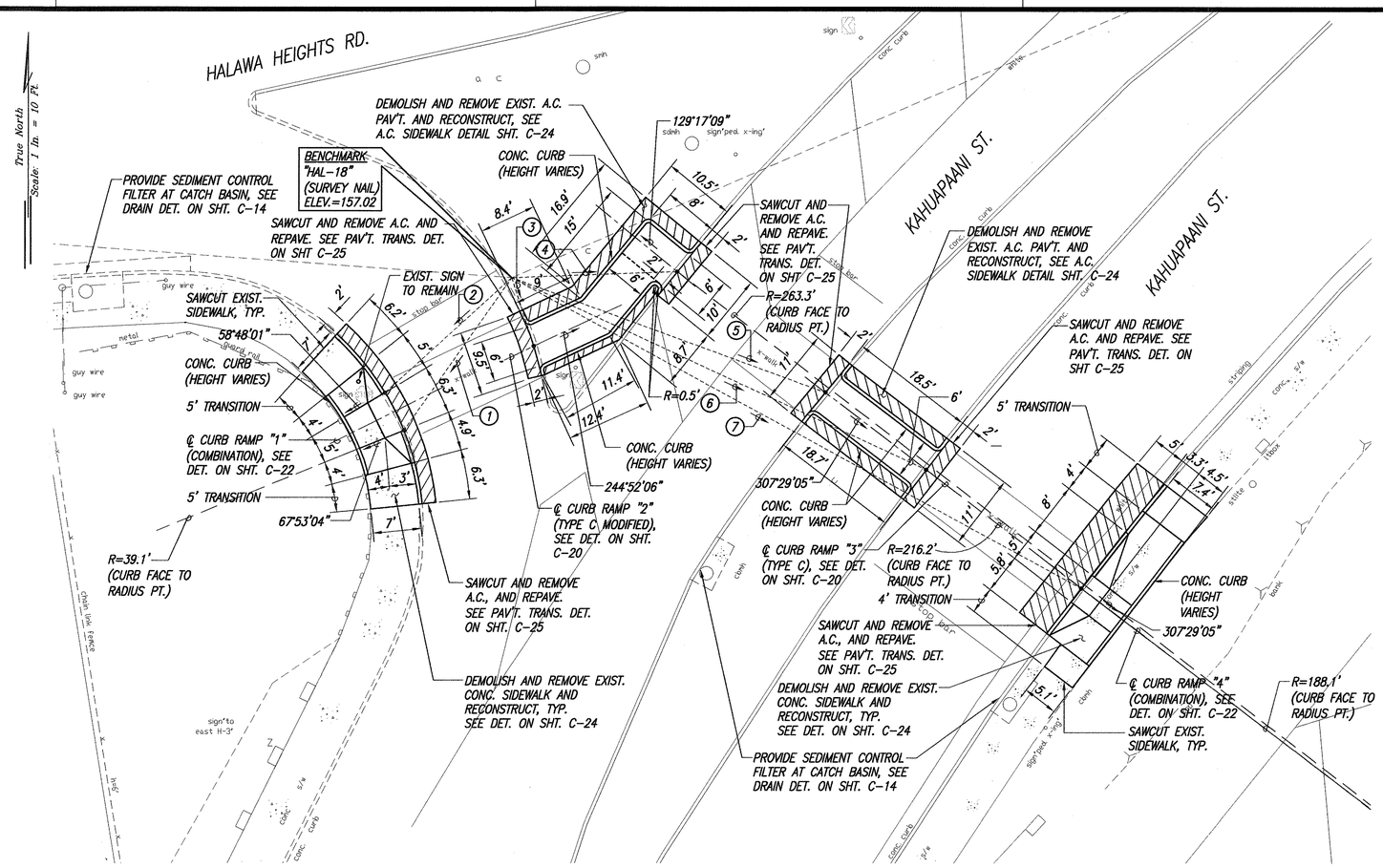
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-32 OF 122 SHEETS

"AS-BUILT" C.O. 33 S-1

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: CO-33 Plot date: May 02, 2005-01:17:02pm CAD User: mfujita. Xref Filename: | Z-BORD | AUTODATE | Halawa-Ulune_C.O._Base | Halawa-Ulune_C.O._042905 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	34	163



① 35°08'21" 27.34'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 47°43'40" 25.01'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 342°03'40" 10.54'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

④ 267°53'30" 24.23'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

⑤ 290°08'36" 48.86'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

⑥ 294°54'02" 66.85'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

⑦ 298°39'47" 94.97'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

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

SITE PLAN – HALAWA HEIGHTS RD. & KAHUAPAANI ST.
INTERS. ID NO. 101987
SCALE: 1"= 10'

DATE	REVISION

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
HALAWA HTS. RD. & KAHUAPAANI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

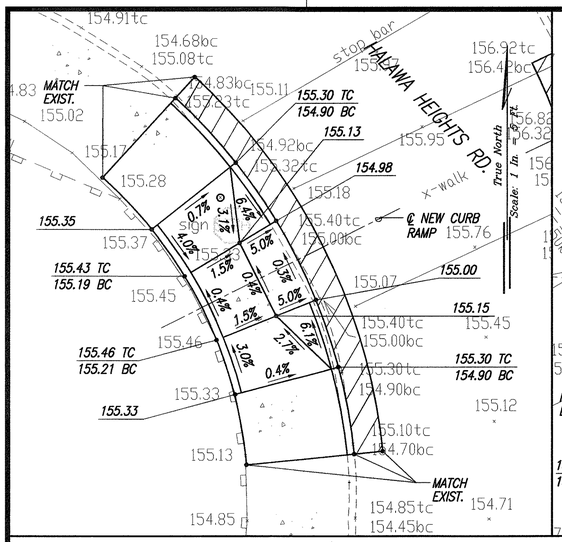
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-33 OF 122 SHEETS

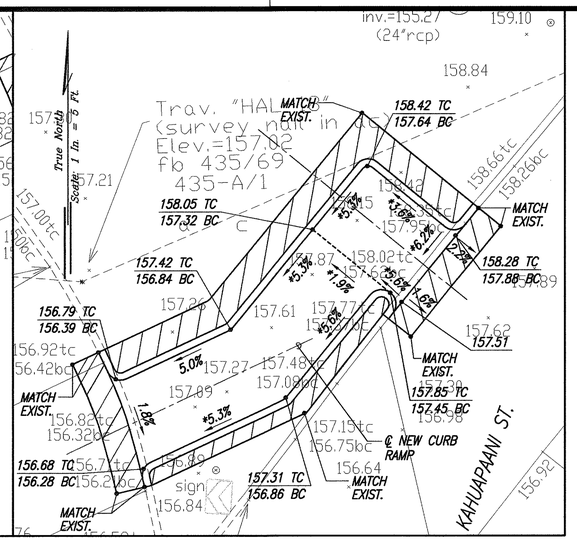
34

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-033 Plot date: Aug 20, 2004-09:16:34am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Kahuapaani |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	35	163

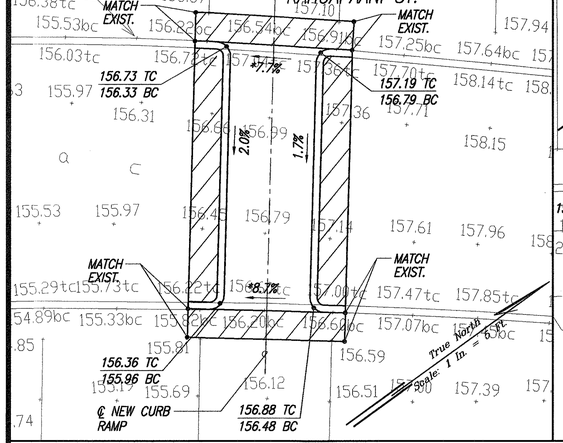


RAMP "1"
SCALE: 1"= 5'



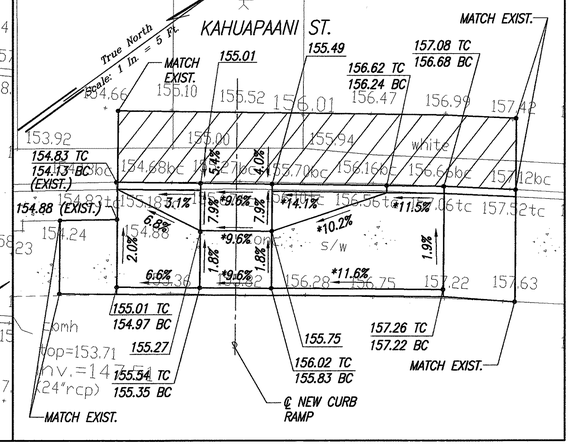
RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

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

GRADING PLAN – HALAWA HEIGHTS RD. & KAHUAPAANI ST.
INTERS. ID NO. 101987
SCALE: 1"= 5'

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GRADING PLAN
HALAWA HTS. RD. & KAHUAPAANI ST.

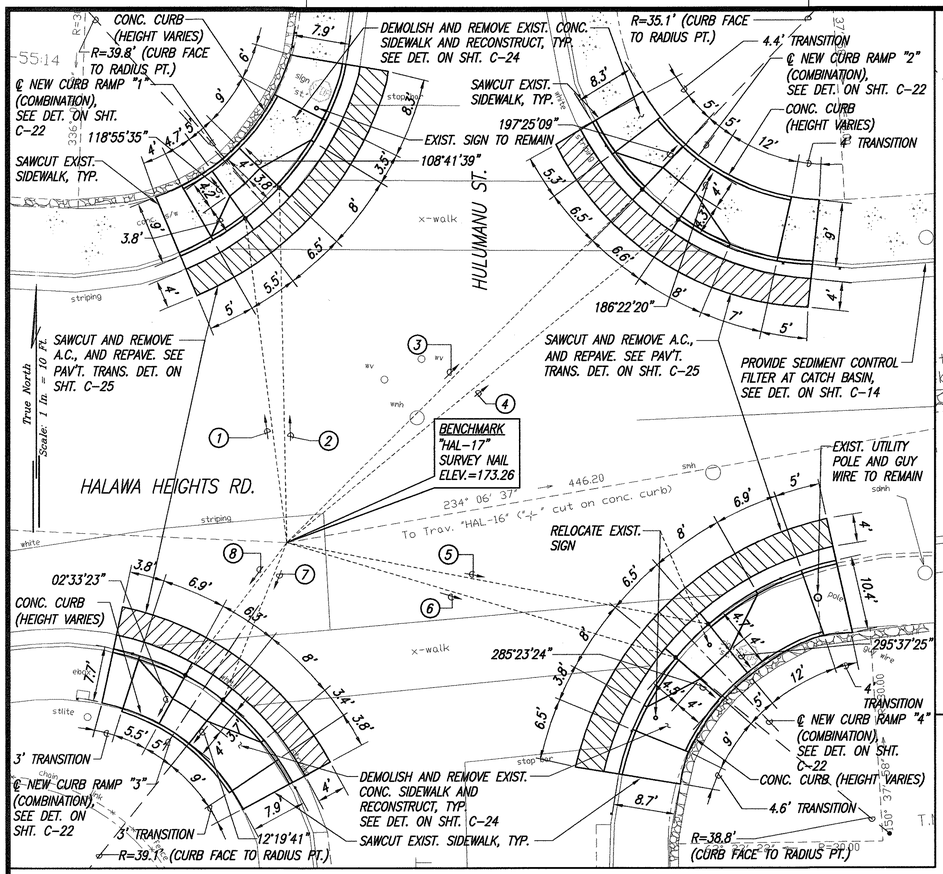
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-34 OF 122 SHEETS

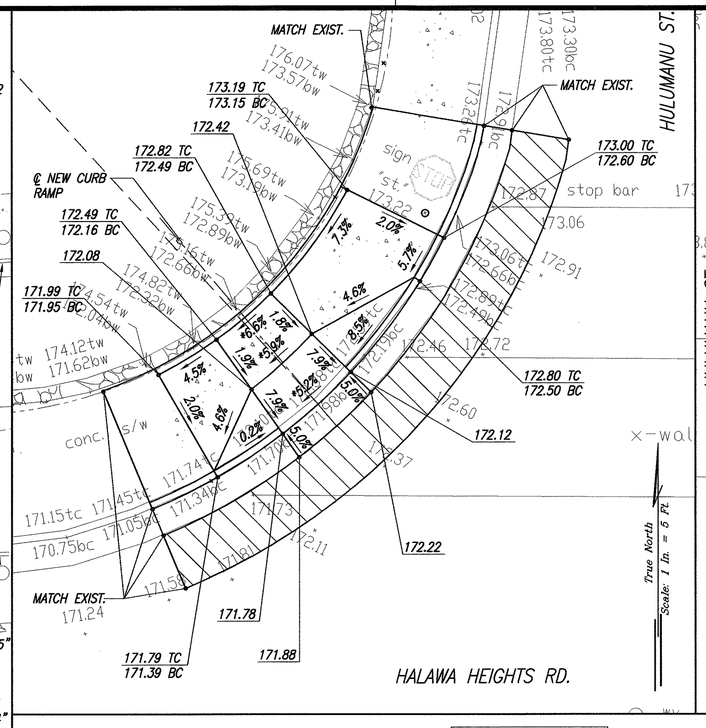
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-034 Plot date: Aug 20, 2004-09:16:52am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Kahuapaani |

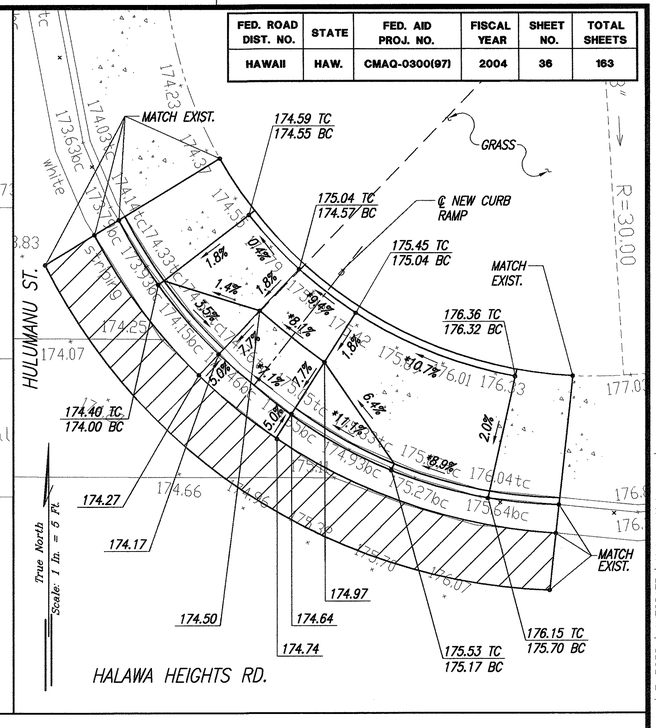
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	36	163

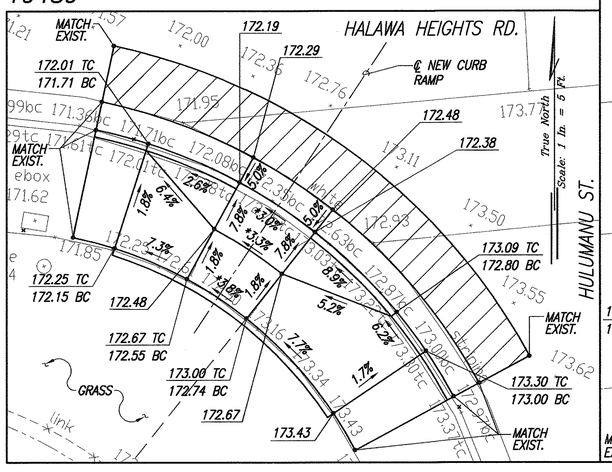


SITE PLAN – HALAWA HEIGHTS RD. & HULUMANU ST. INTERS. ID NO. 10489

SCALE: 1"= 10'



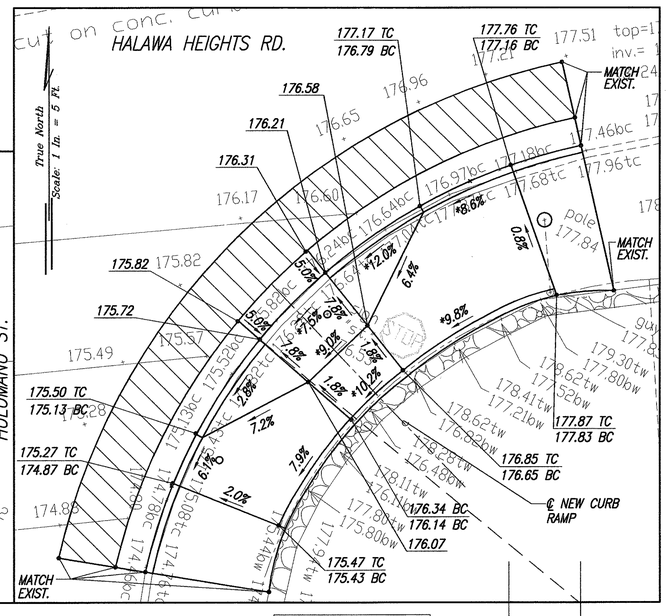




RAMP "3"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "1"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "2"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

GRAPHIC SCALES

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

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

(1) 146°47'42" 45.76'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 152°51'09" 49.73'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 199°10'34" 70.12'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 204°28'30" 71.06'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 255°02'23" 60.05'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(6) 260°34'10" 56.72'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(7) 355°59'56" 23.78'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 11°20'53" 23.36'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

SIGNATURE APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
HALAWA HTS. RD. & HULUMANU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

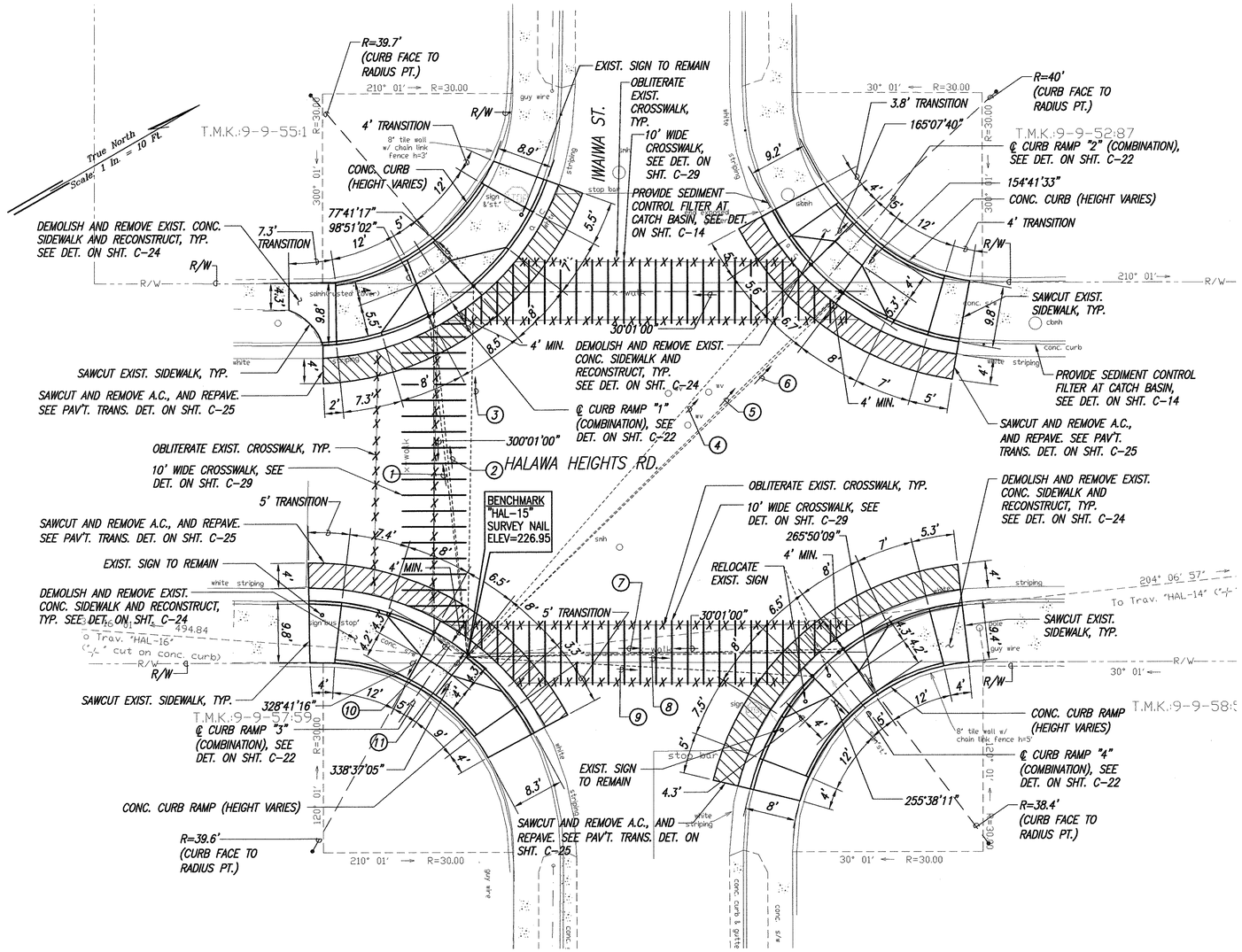
SHEET No. C-35 OF 122 SHEETS

DATE	REVISION

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

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-035 Plot date: Aug 20, 2004-09:17:08am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Hulumanu

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	37	163



(1) 43°40'54" 54.22'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 114°30'20" 54.56'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 121°01'45" 58.67'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 161°15'03" 82.30'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 165°35'43" 82.41'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 165°55'31" 82.48'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(7) 208°55'35" 59.26'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 209°23'57" 58.60'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(9) 213°20'36" 54.47'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(10) 67°22'53" 6.56'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(11) 138°09'58" 0.44'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

LEGEND

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

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.
SIGNATURE
APRIL 30, 2005
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
HALAWA HTS. RD. & IWAIWA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

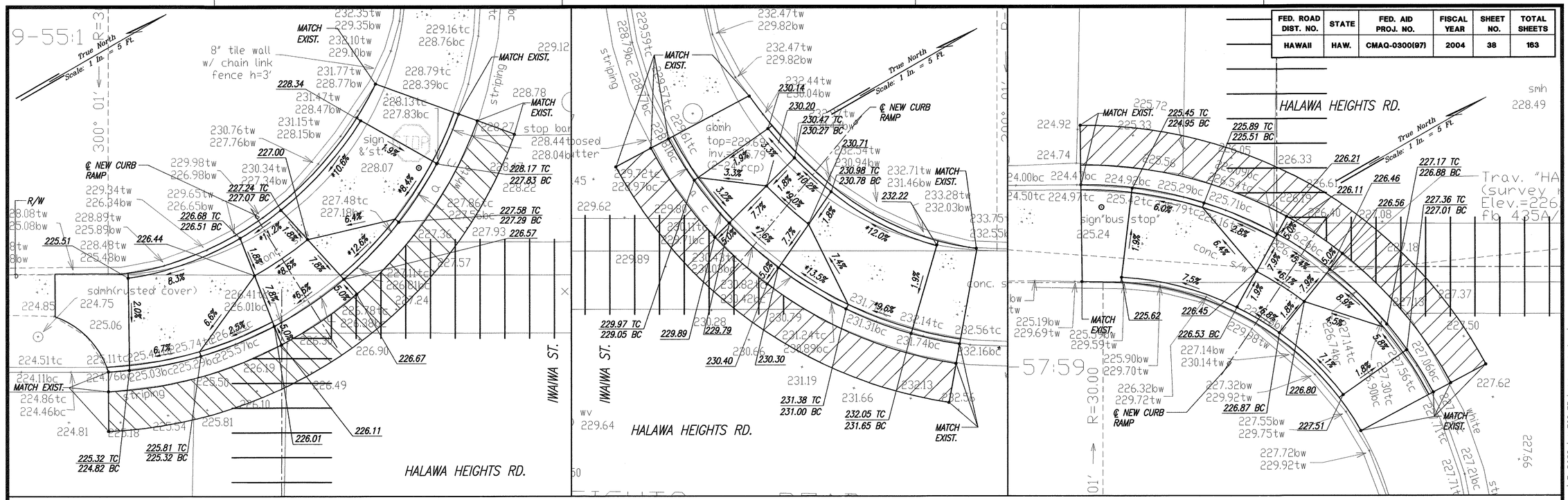
SHEET No. C-36 OF 122 SHEETS

SITE PLAN – HALAWA HEIGHTS RD. & IWAIWA ST.
INTERS. ID NO. 10589
SCALE: 1"= 10'

DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-036 Plot date: Aug 20, 2004-09:17:25am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Iwaiwa |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	38	163



RAMP "1"
SCALE: 1"= 5'

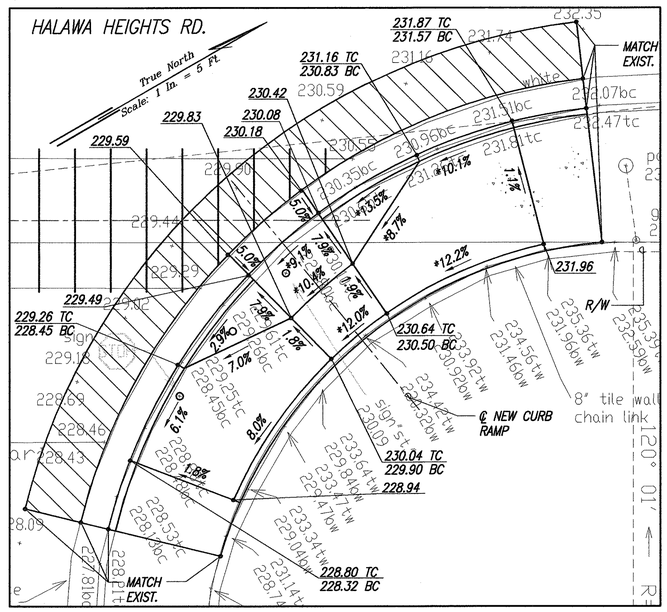
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

GRAPHIC SCALE

1" = 5' (5' 0 5' 10')

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

GRADING PLAN – HALAWA HEIGHTS RD. & IWAIWA ST.
INTERS. ID NO. 10589
SCALE: 1"= 5'

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE — APRIL 30, 2006 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
HALAWA HTS. RD. & IWAIWA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

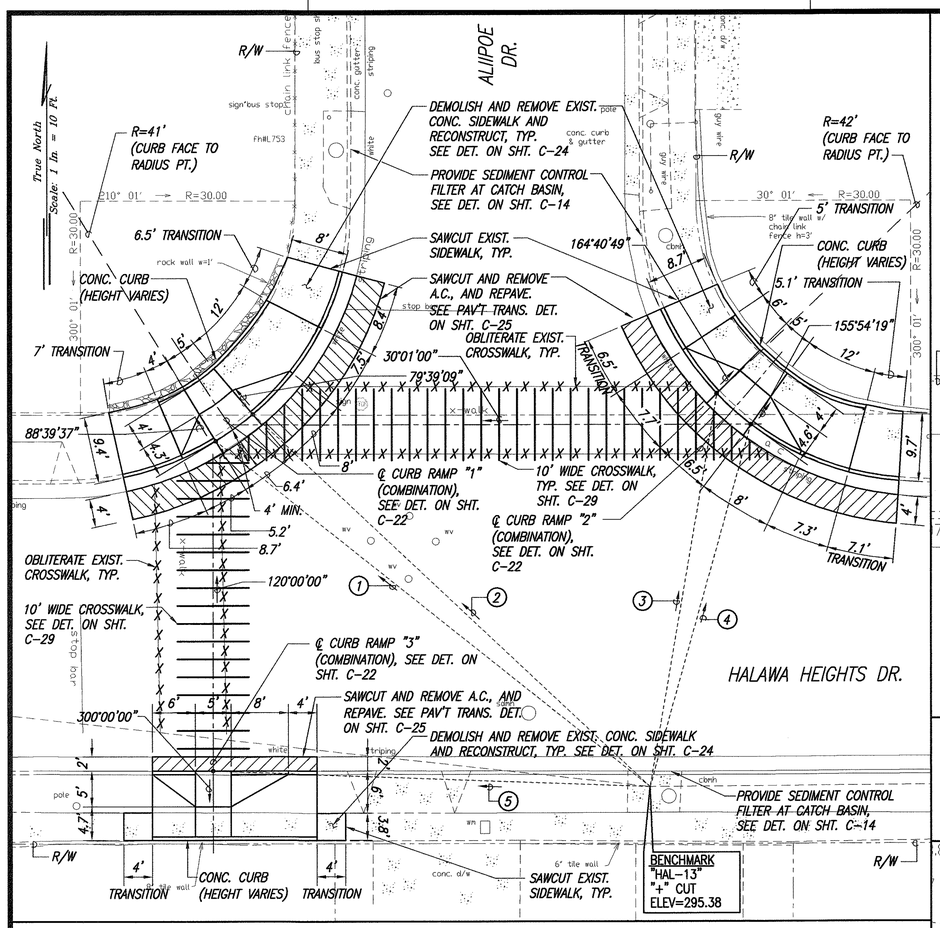
Scale: As Shown — Date: JULY 19, 2004

DATE	REVISION

SHEET No. C-37 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-037 Plot date: Aug 20, 2004-09:17:39am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Iwaiwa |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	39	163



SITE PLAN – HALAWA HEIGHTS. RD. & ALIIPOE DR.
INTERS. ID NO. 10689
SCALE: 1"= 10'

LEGEND

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

(1) 68°36'23" 77.61'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 73°15'42" 76.15'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 129°40'08" 55.79'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

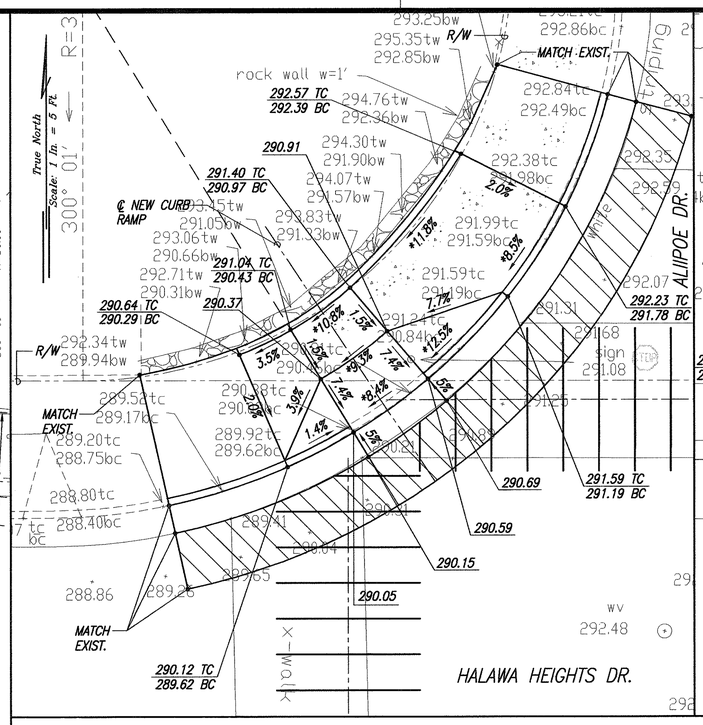
(4) 135°33'36" 52.64'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE AND ℄ CROSSWALK

(5) 32°06'54" 61.09'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

GRAPHIC SCALES

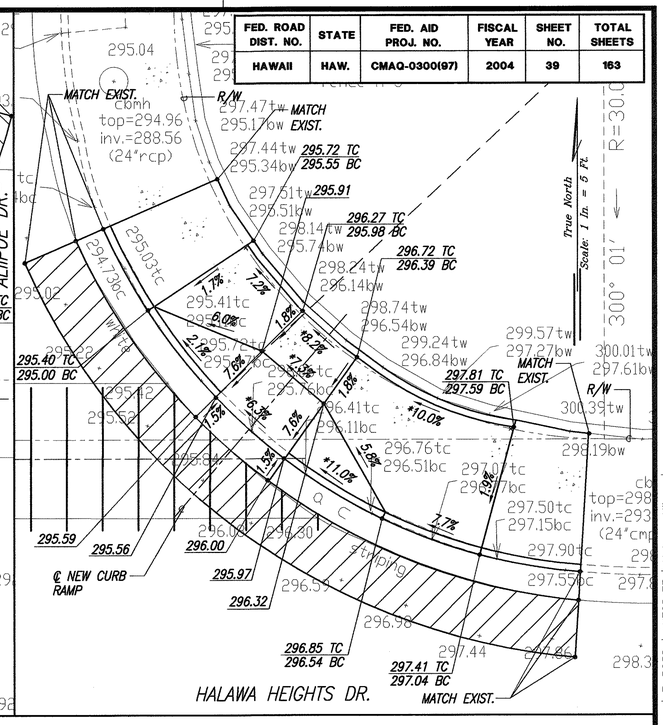
1" = 10' 10' 5' 0 10' 20'

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



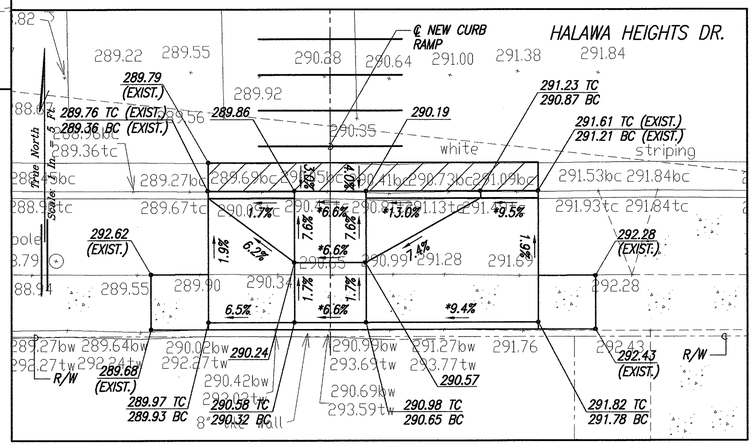
RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
HALAWA HTS. RD. & ALIIPOE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-38 OF 122 SHEETS

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

SIGNATURE DATE APRIL 30, 2006

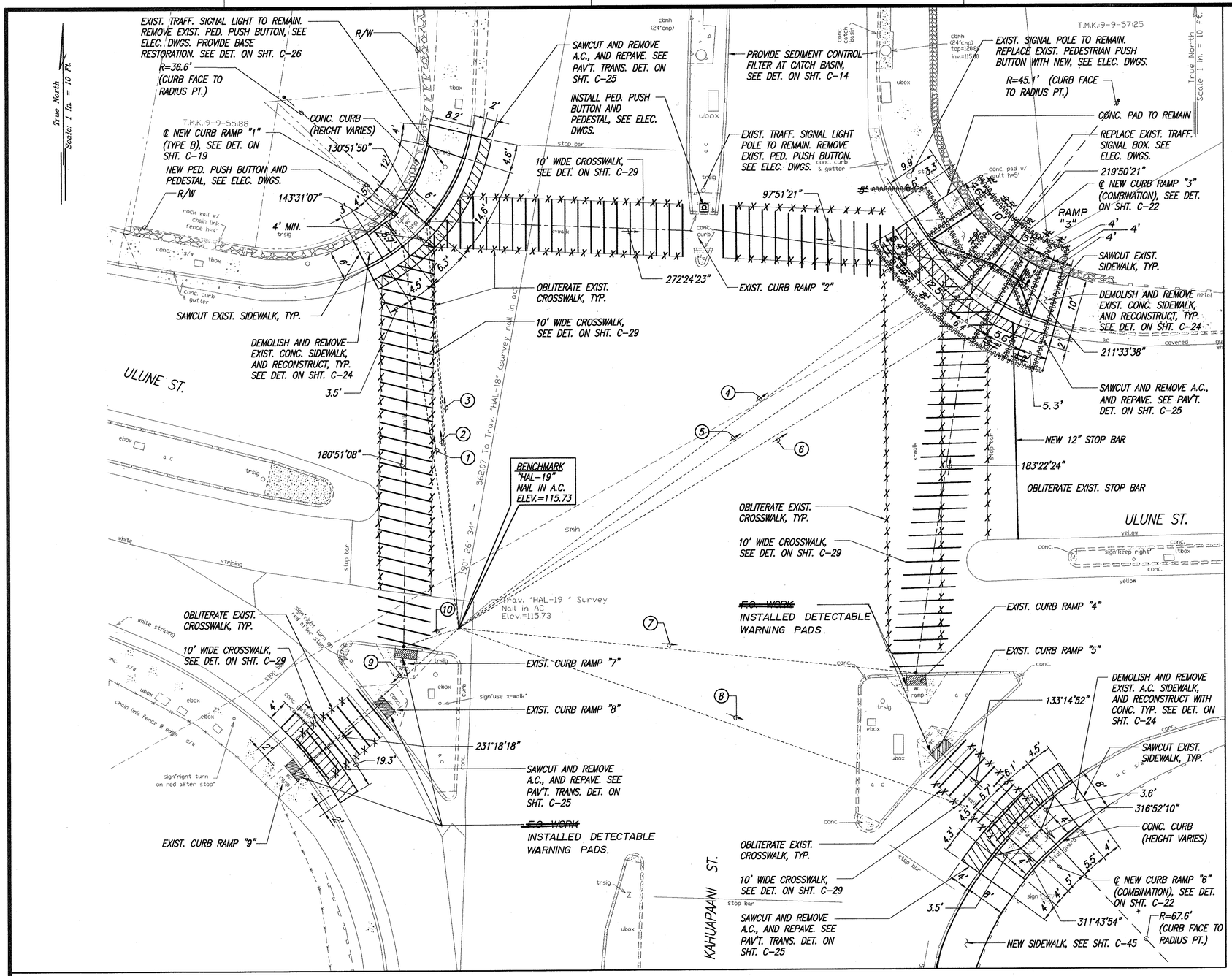
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

ORIGINAL PLAN | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE

NOTE BOOK | No.

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-038 Plot date: Aug 20, 2004-09:17:55am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Aliipoe

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	40	163



① 171°54'01" 73.96'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 175°42'21" 77.75'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 176°05'09" 78.26'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

④ 233°21'03" 117.03'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑤ 236°02'36" 117.90'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑥ 238°54'28" 120.30'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑦ 275°52'43" 87.87'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑧ 289°40'11" 113.49'
TIE: BM TO INTERSECTION OF ℄ CURB RAMP AND CURB FACE AND ℄ CROSSWALK

⑨ 48°26'08" 37.93'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑩ 71°43'25" 11.08'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
April. 30, 2006
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
ULUNE ST. & KAHUAPAANI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

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

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

SITE PLAN – ULUNE ST. & KAHUAPAANI ST.
INTERS. ID NO. 101887
SCALE: 1"= 10'

DATE	REVISION

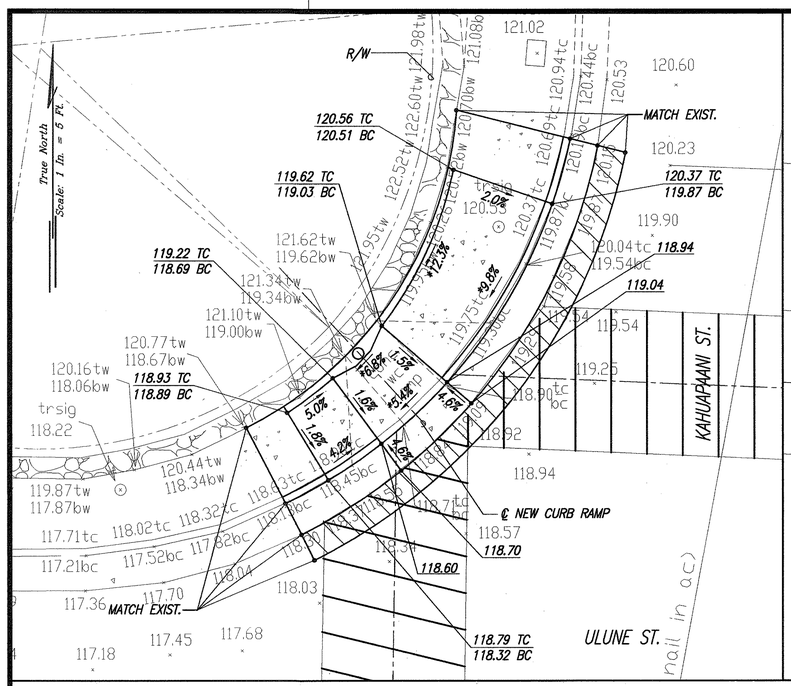
"AS BUILT"

SHEET NO. C-39 OF 122 SHEETS

40

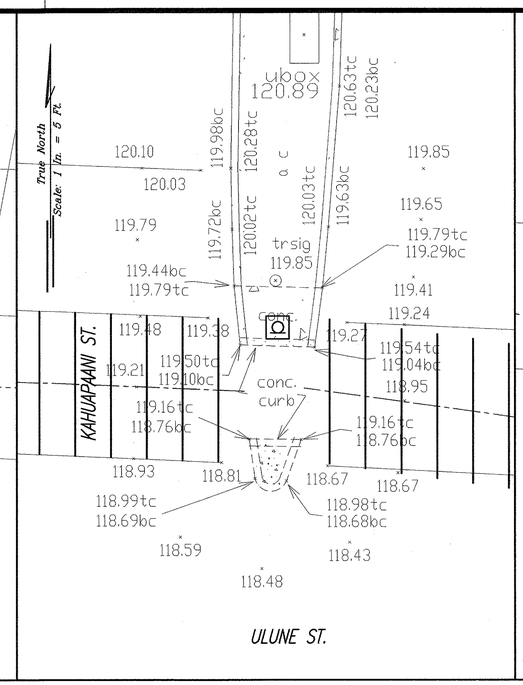
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-039 Plot date: Aug 20, 2004-09:18:12am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Ulune-Kahuapaani | ULUNEadd |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	41	163

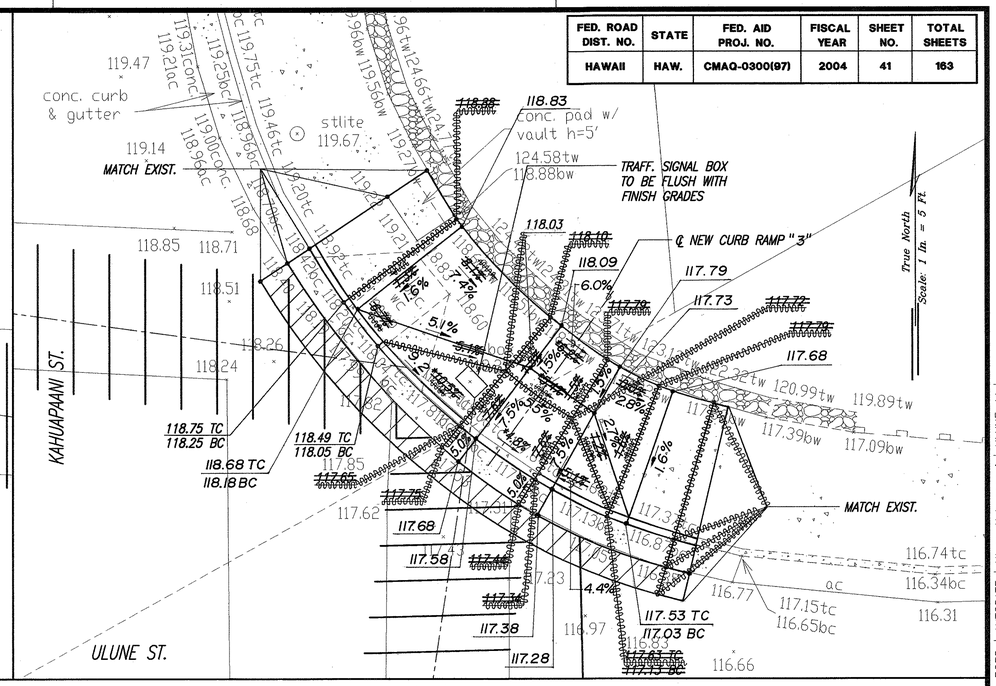


RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

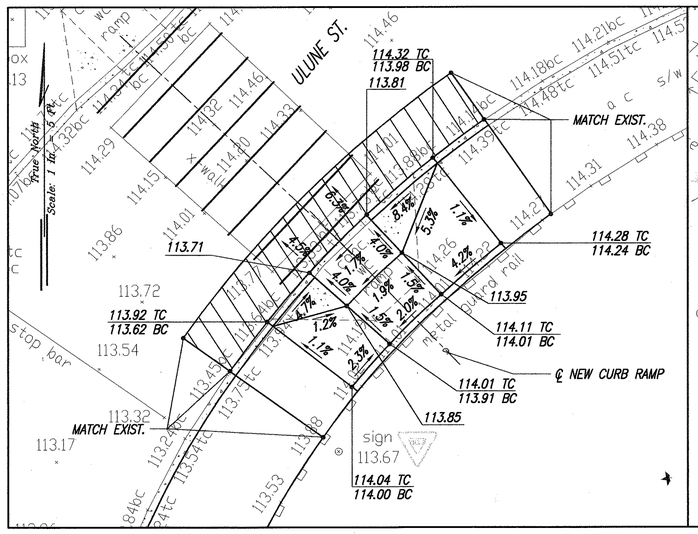


RAMP "2"
SCALE: 1"= 5'

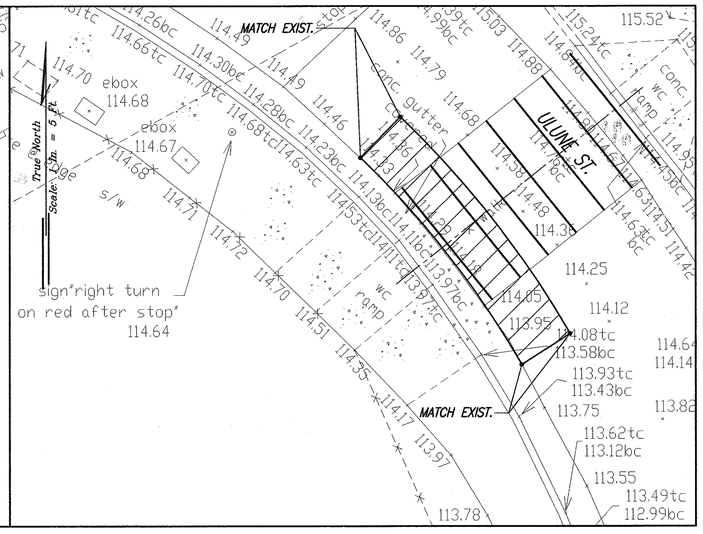


RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "6"
SCALE: 1"= 5'



RAMP "9"
SCALE: 1"= 5'

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

GRAPHIC SCALES

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

GRADING PLAN – ULUNE ST. & KAHUAPAANI ST.
INTERS. ID NO. 101887
SCALE: 1"= 5'

DATE	REVISION

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
ULUNE ST. & KAHUAPAANI ST.

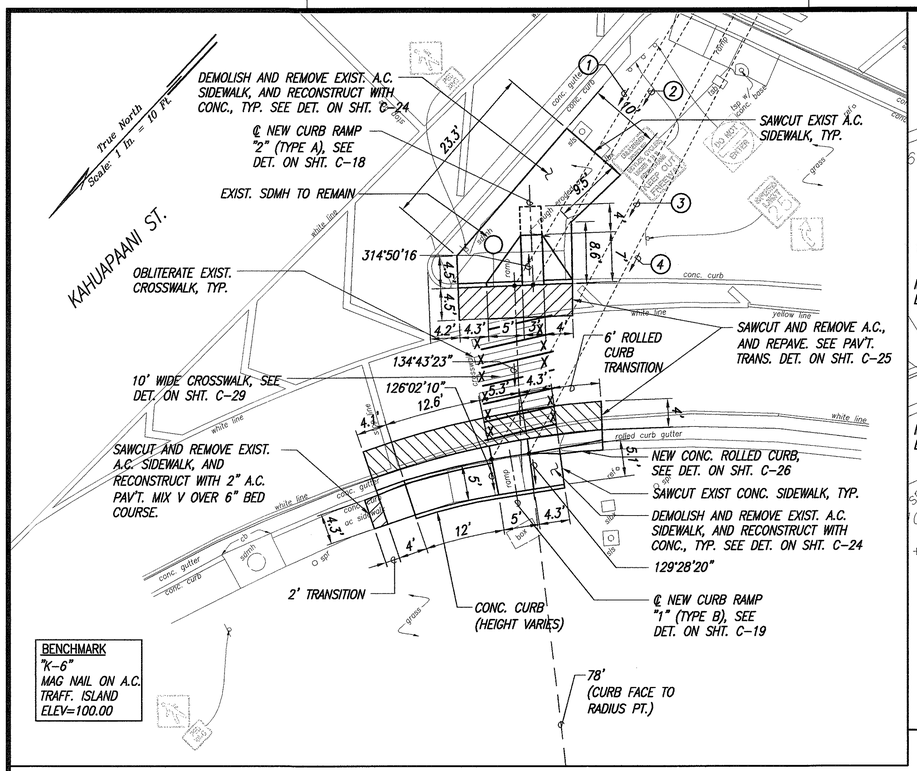
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

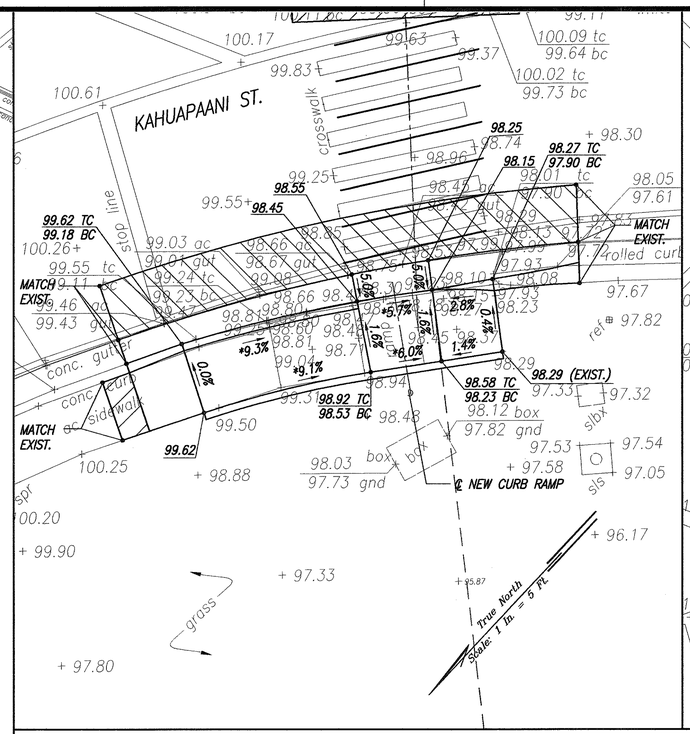
Scale: As Shown Date: JULY 19, 2004

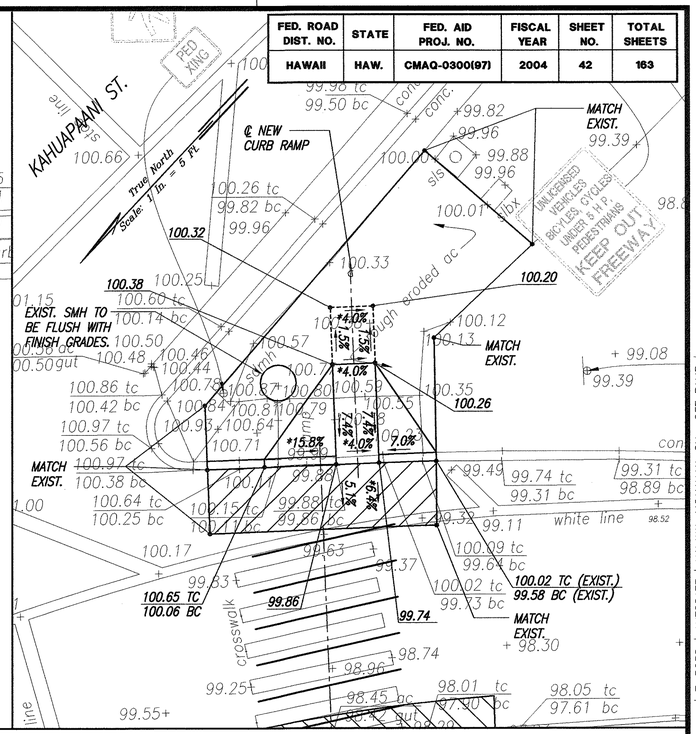
SHEET No. C-40 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-040 Plot date: Aug 20, 2004-09:16:35am CAD User: mkamihara. Xref Filenames: | Z-BORD | AUTODATE | Ulune-Kahuapaani | ULUNEadd |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	42	163







RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – KAHUAPAANI ST. & MOANALUA ON RAMP
INTERS. ID NO. 101787
SCALE: 1"= 10'

LEGEND

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

① 168°13'40" 196.25'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

② 167°35'34" 194.83'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

③ 165°38'43" 218.94'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 164°31'32" 215.76'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama — APRIL 30, 2006
SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAHUAPAANI ST. & MOANALUA ON RAMP
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

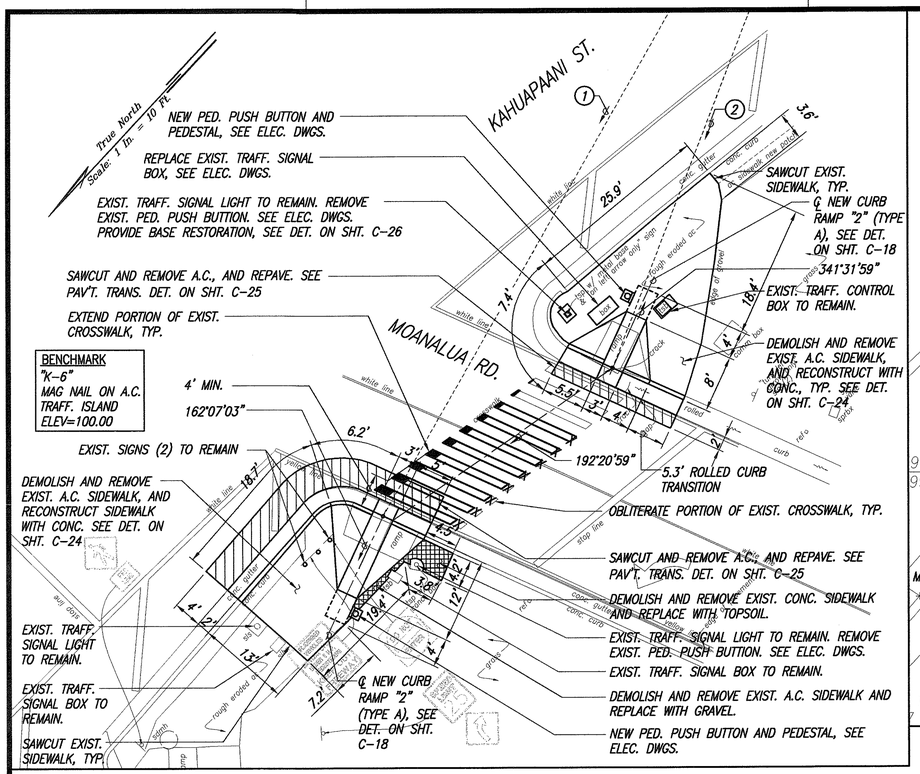
Scale: As Shown Date: JULY 19, 2004

DATE	REVISION

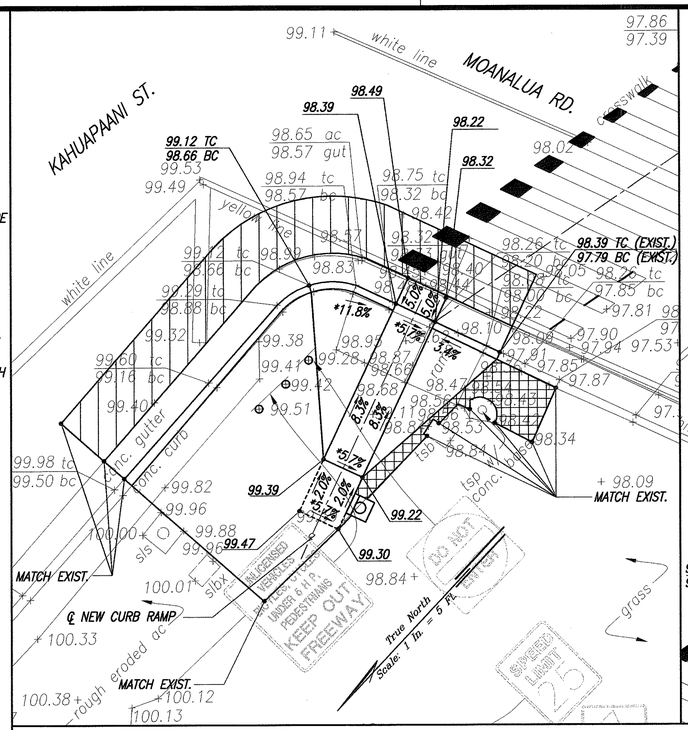
SHEET No. C-41 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-041 Plot date: Aug 20, 2004-09:19:32am CAD User: mkamihara. Xref Filenames: | Z-BORD | AUTODATE | HALAWA-MOANALUA ON- OFF RAMP |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	43	163

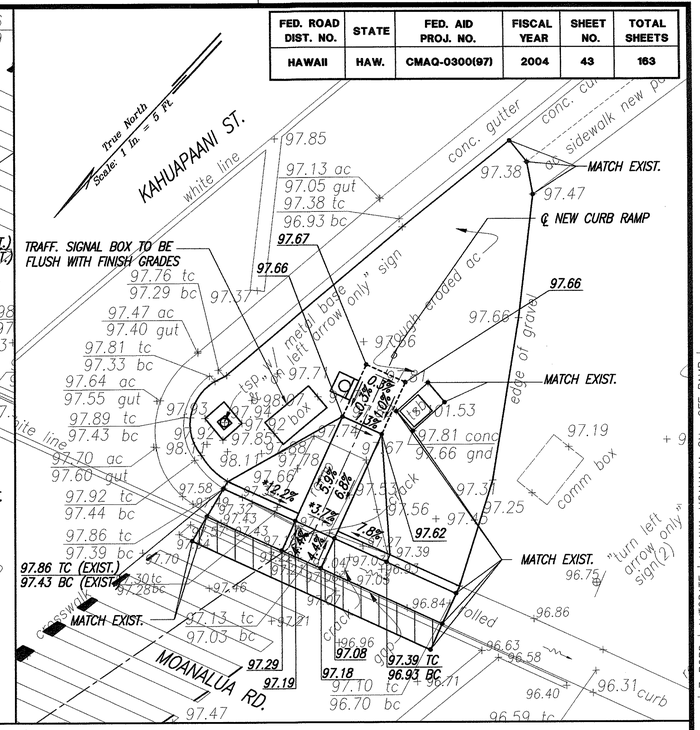


SITE PLAN – KAHUAPAANI ST. & MOANALUA OFF RAMP (NORTHBOUND)
INTERS. ID NO. 101687
SCALE: 1"= 10'



RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

① 166°42'04" 150.67'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 158°05'08" 118.14'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

DATE	REVISION

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

Lance S. Oyama — 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 & GRADING PLAN
KAHUAPAANI ST. & MOANALUA OFF RAMP (NORTHBOUND)
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

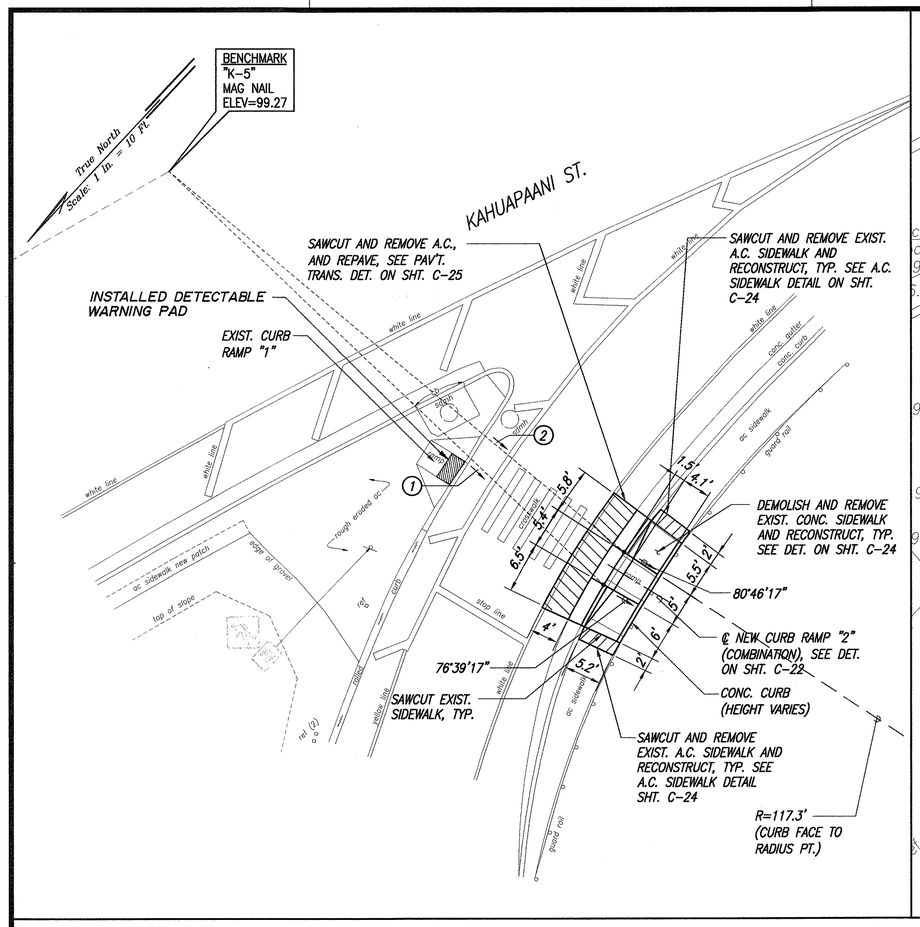
Scale: As Shown — Date: JULY 19, 2004

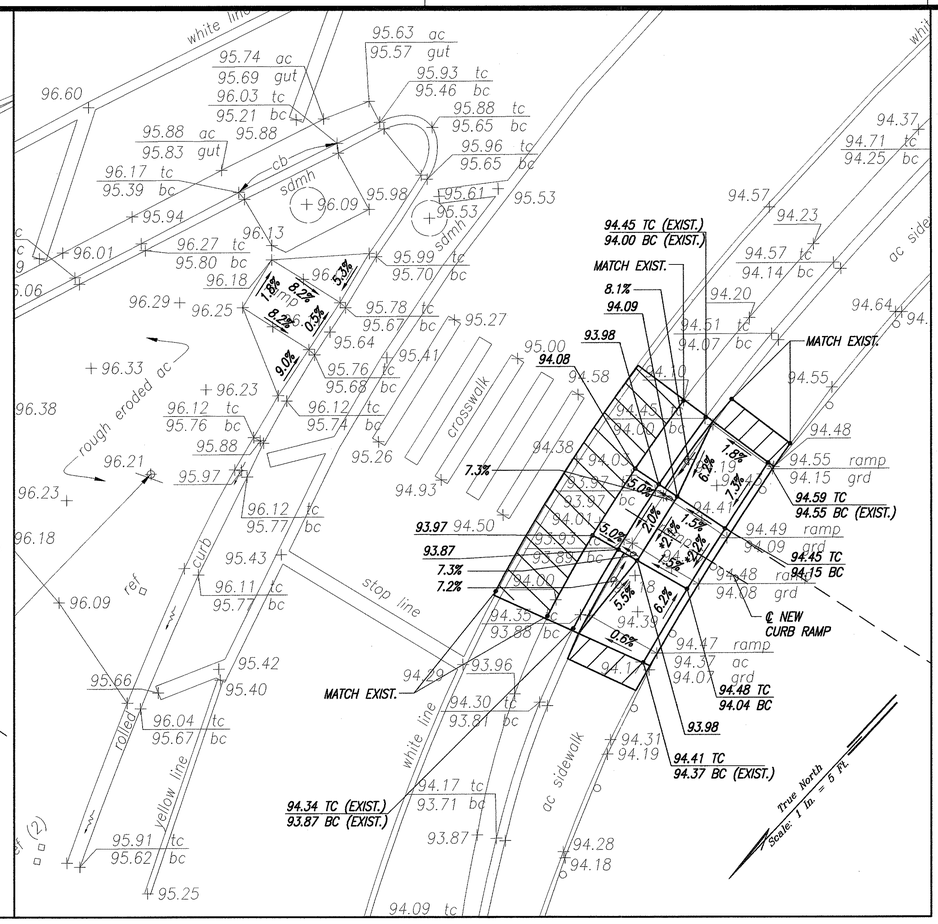
SHEET No. C-42 OF 122 SHEETS

43

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-042 Plot date: Aug 20, 2004-09:19:54am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | HALAWA-MOANALUA ON- OFF RAMP |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	44	163





SITE PLAN – KAHUAPAANI ST. & MOANALUA OFF RAMP (SOUTHBOUND)
INTERS. ID NO. 101487
SCALE: 1"= 10'

LEGEND

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

① 90°39'22" 83.92'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 87°00'04" 83.02'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

RAMP "1 & 2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN KAHUAPAANI ST. & MOANALUA OFF RAMP (SOUTHBOUND)

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

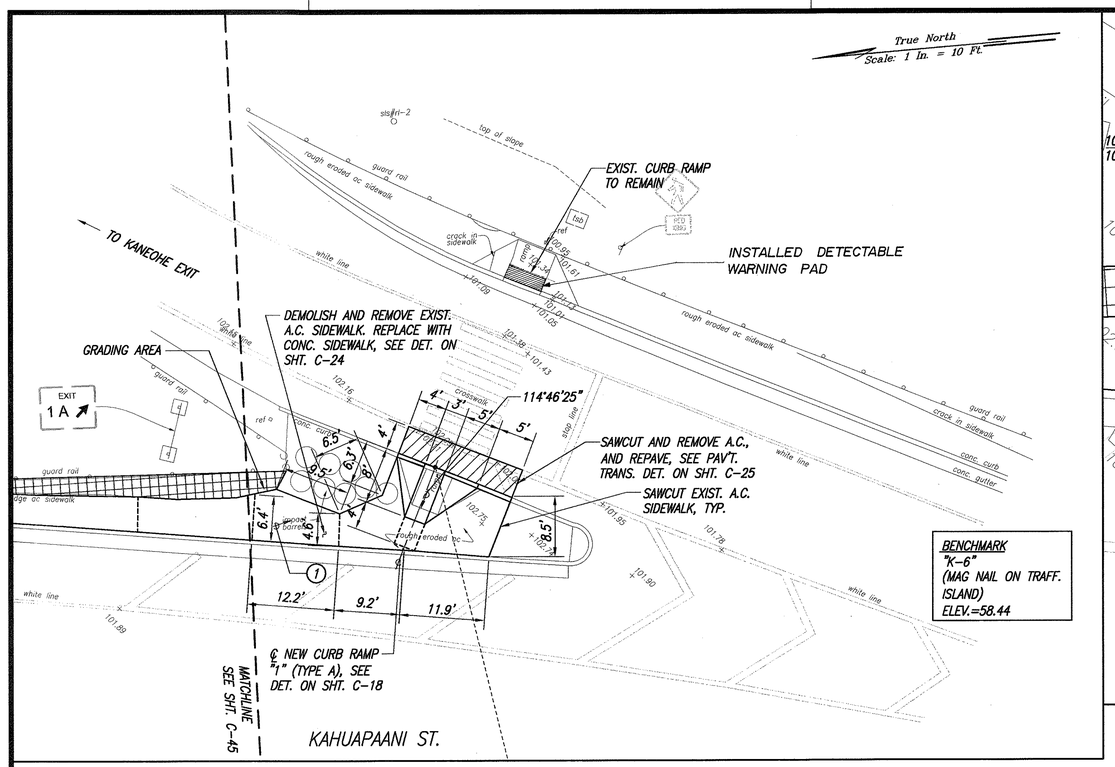
Scale: As Shown — Date: JULY 19, 2004

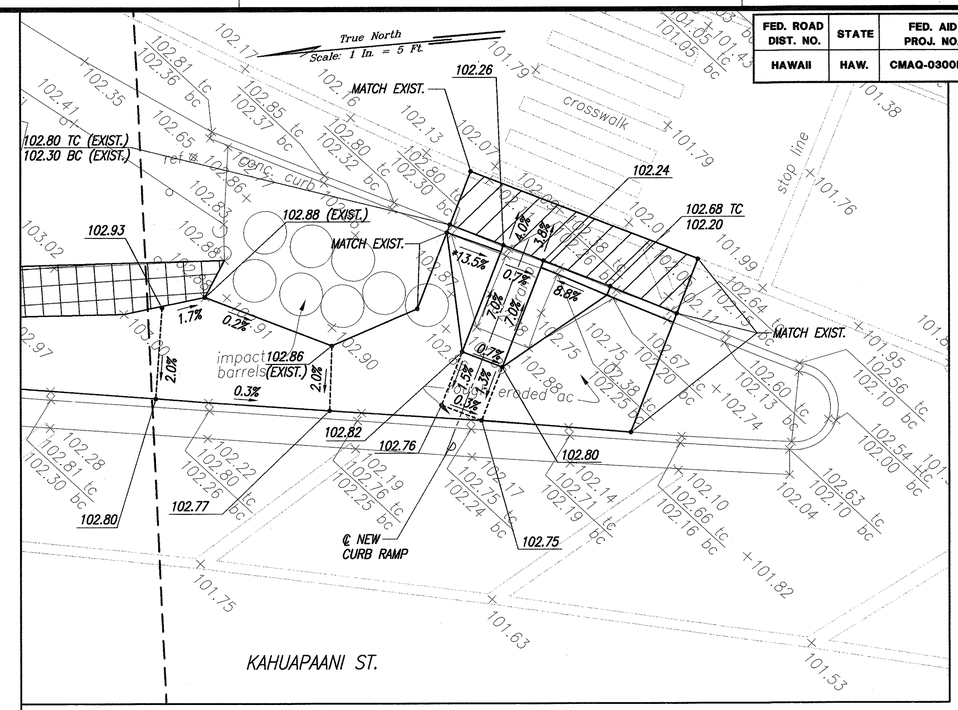
SHEET No. C-43 OF 122 SHEETS

"AS-BUILT" 44

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-043 Plot date: Aug 20, 2004-09:20:10am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Moanalua Off Ramp |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	45	163





RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–1

INTERS. ID NO. 101587
SCALE: 1"= 10'

① 260°39'10" 61.88'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

LEGEND

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

GRAPHIC SCALES

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–1
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-44 OF 122 SHEETS

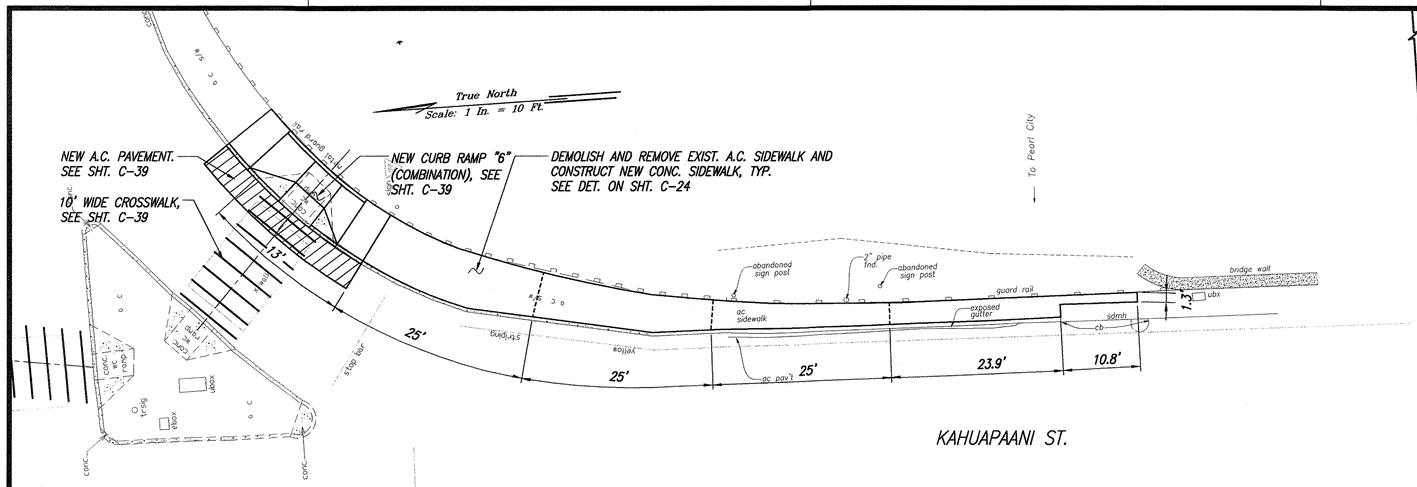
DATE	REVISION

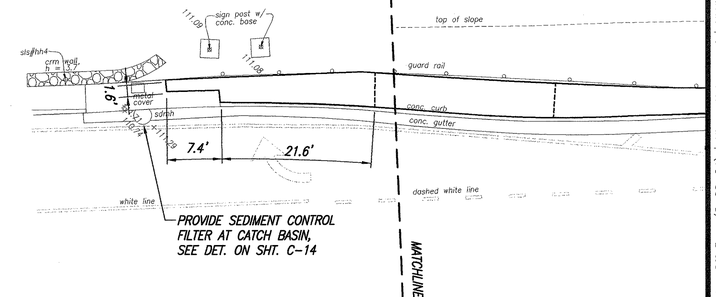
AS-BUILT

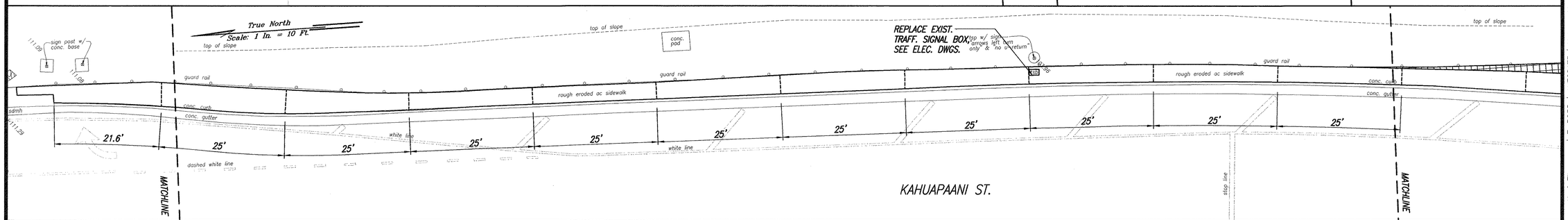
45

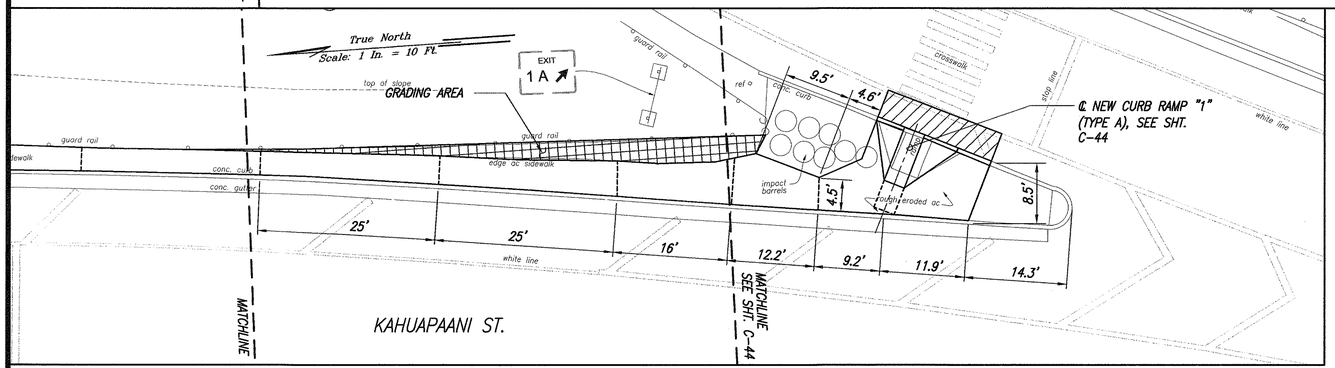
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-044 Plot date: Aug 20, 2004-09:20:26am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Moanalua Off Ramp(5-28-04) |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	46	163









GRAPHIC SCALE

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

SITE PLAN – KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–2

INTERS. ID NO. 101587

SCALE: 1"= 10'

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

SIGNATURE APRIL 30, 2005 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–2
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

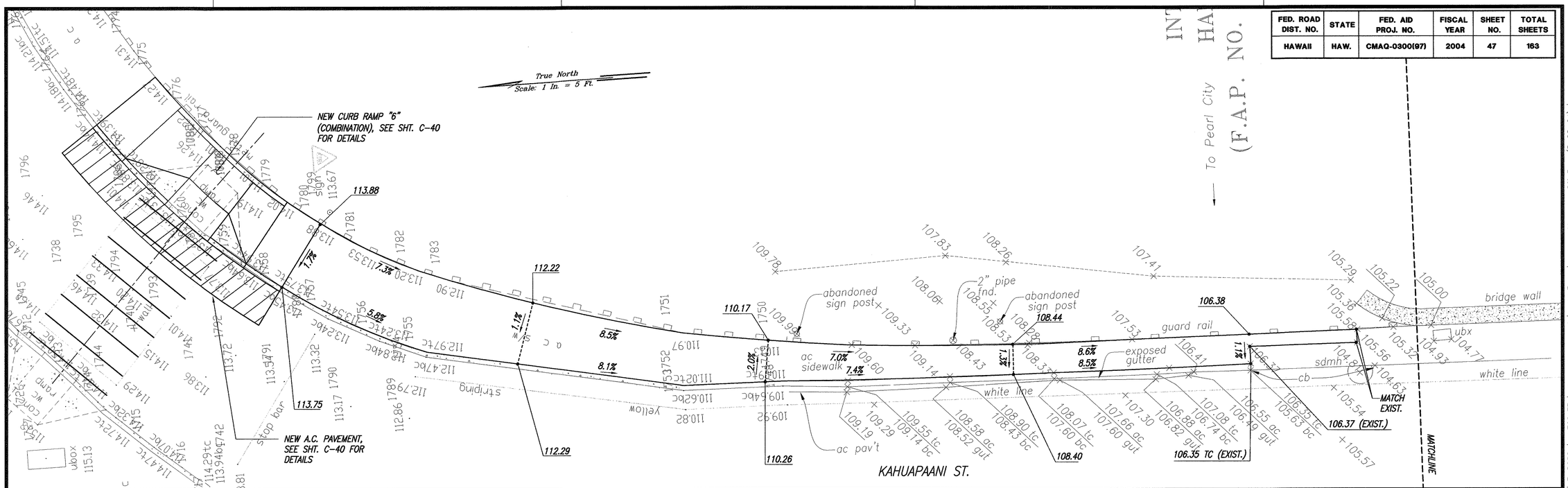
Scale: As Shown Date: JULY 19, 2004

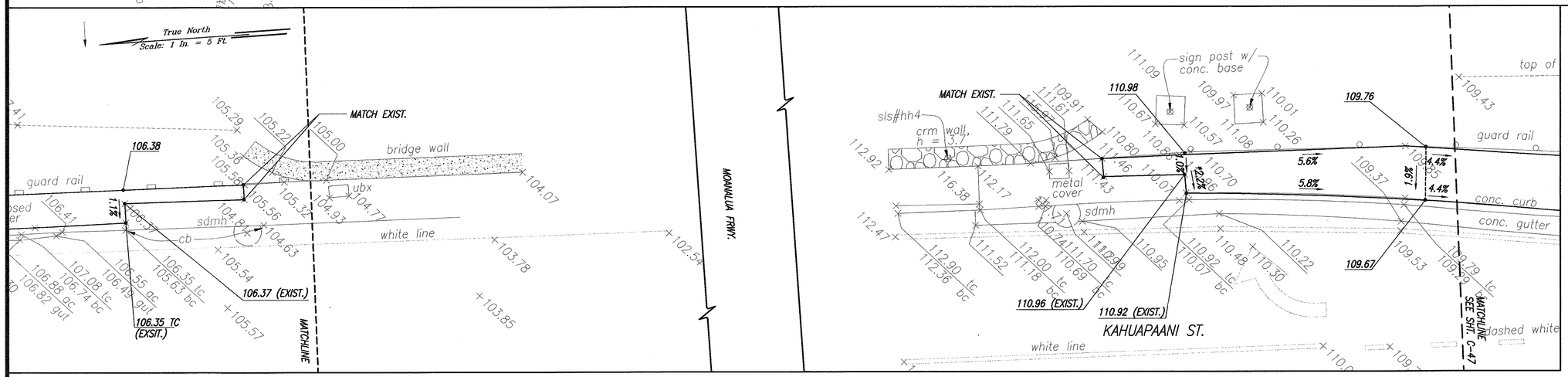
SHEET No. C-45 OF 122 SHEETS

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

Path: L:\WOA\6623-04 Curb Ramps\ Filename: Z-BORD | AUTODATE | Halawa-Moanalua Off Ramp(5-28-04) | Ulune-Kahuapaani | ULUNEadd | Filename: C-045 Plot date: Aug 20, 2004-09:21:03am CAD User: mkamihara Xref

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	47	163





LEGEND

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

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRAPHIC SCALE

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

GRADING PLAN – KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–2

INTERS. ID NO. 101587

SCALE: 1"= 5'

DATE	REVISION

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama — APRIL 30, 2006
SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAHUAPAANI ST. & MOANALUA
OFF RAMP (TO KANEOHE EXIT)–2
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

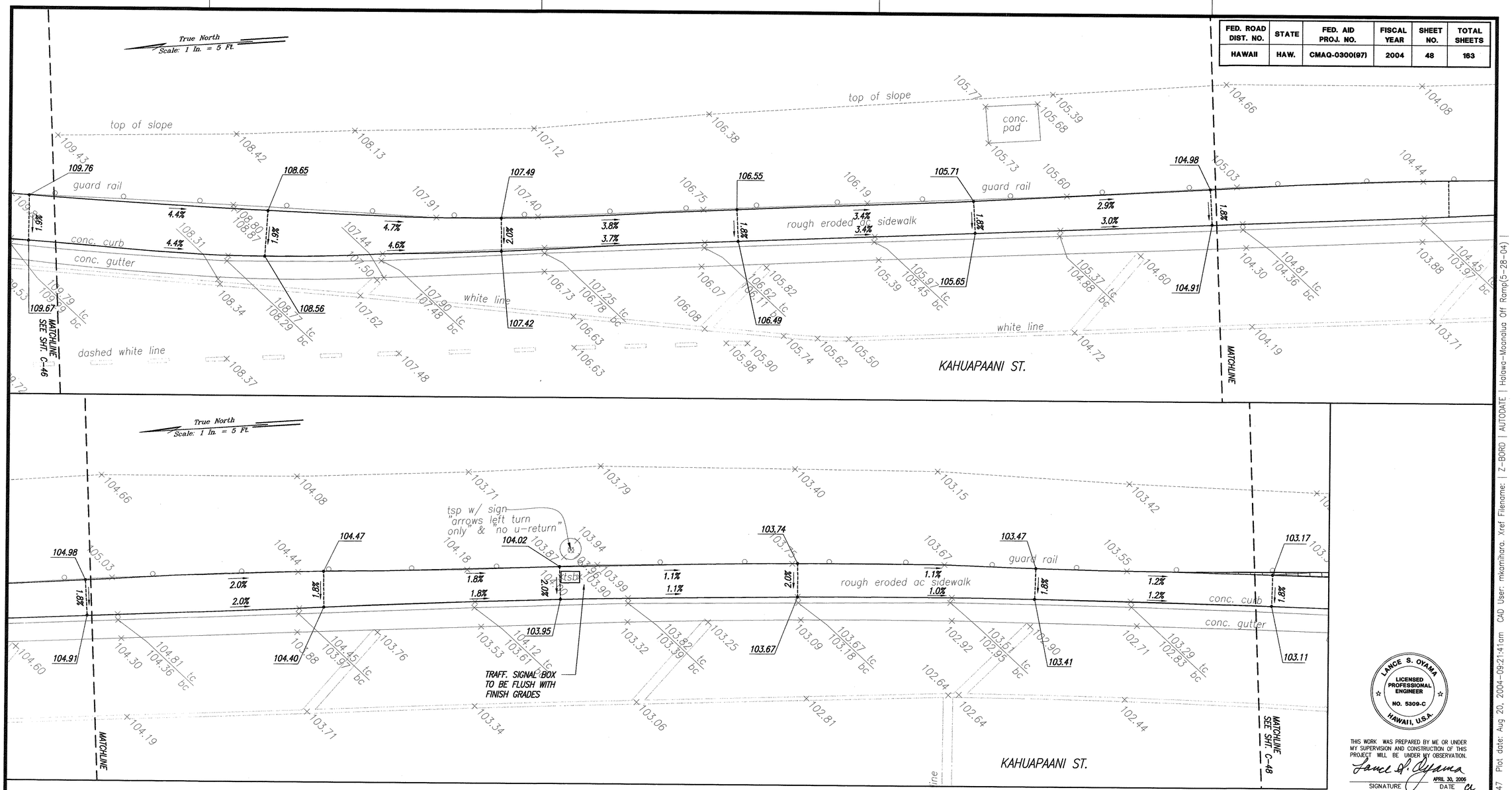
SHEET No. C-46 OF 122 SHEETS

47

Path: L:\WOA\6623-04 Curb Ramps\ | Filename: C-046 | Plot date: Aug 20, 2004-09:21:23am | CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Ulune-Kahuapaani | ULUNEadd | Halawa-Moanalua Off Ramp(5-28-04) |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	48	163

True North
Scale: 1 In. = 5 Ft.



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

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

GRADING PLAN – KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–2

INTERS. ID NO. 101587
SCALE: 1"= 5'

DATE	REVISION

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

LANCE S. OYAMA
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NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–2
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-47 OF 122 SHEETS

48

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-047 Plot date: Aug 20, 2004-09:21:41am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Halawa-Moanalua Off Ramp(5-28-04) |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	49	163

True North
Scale: 1 In. = 5 Ft.

EXIT 1A

MATCH EXIST.

GRADE AREA FLUSH WITH FINISHED SIDEWALK GRADES

top of slope

guard rail

edge ac sidewalk

conc. curb

conc. gutter

white line

impact barrels (EXIST.)

rough eroded

crack in sidewalk

ramp

crosswalk

stop line

rough eroded ac

MATCH EXIST.

℄ NEW CURB RAMP "1" (TYPE A), SEE SHT. C-44

MATCHLINE SEE SHT. C-47

MATCHLINE SEE SHT. C-44

KAHUAPAANI ST.

LEGEND

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

GRAPHIC SCALE

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

GRADING PLAN – KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–2

INTERS. ID NO. 101587

SCALE: 1"= 5'

ORIGINAL PLAN | NOTE BOOK | No.

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
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HAWAII, U.S.A.

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SIGNATURE

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DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAHUAPAANI ST. & MOANALUA OFF RAMP (TO KANEOHE EXIT)–2
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

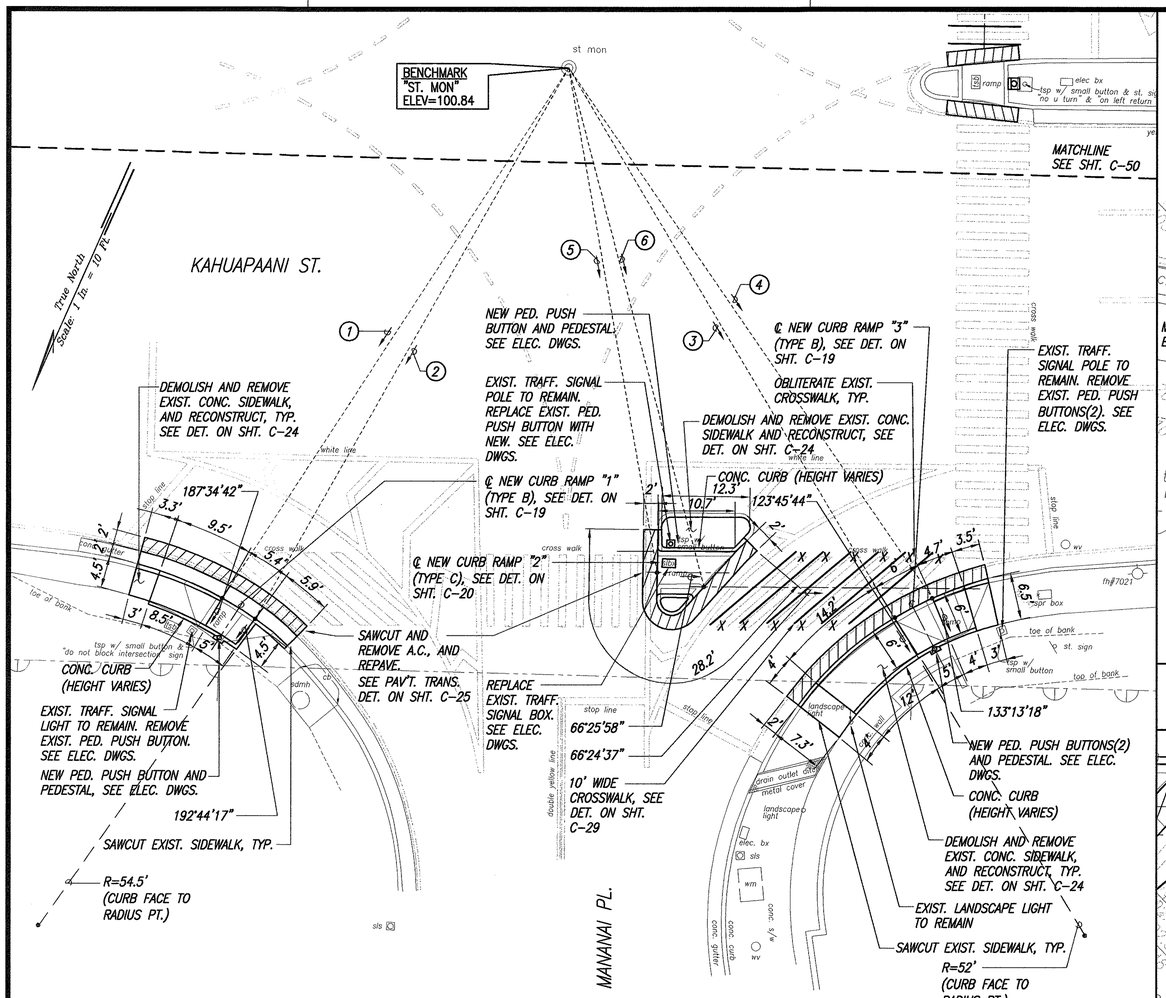
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-48 OF 122 SHEETS

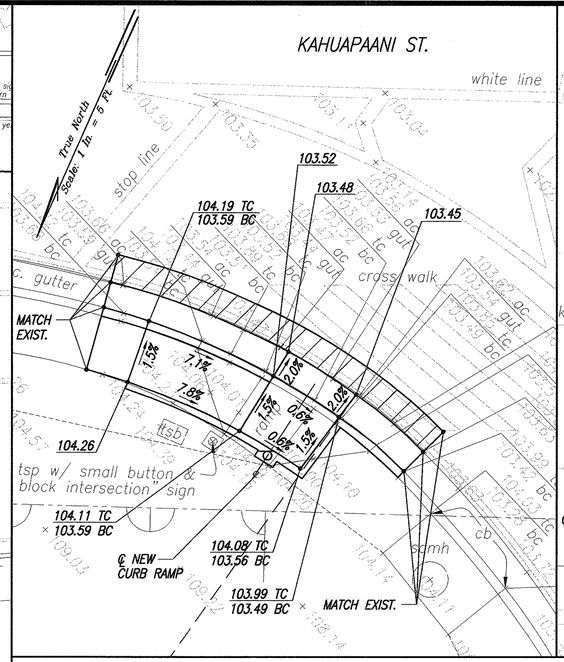
DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-048 Plot date: Aug 20, 2004-09:21:56am CAD User: mkamihara Xref Filename: | Z-BORD | AUTODATE | Halawa-Moanalua Off Ramp(5-28-04) |

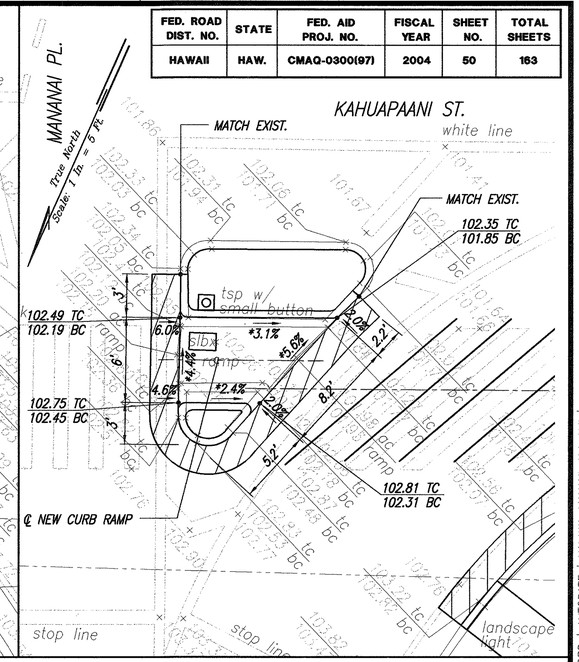
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	50	163



SITE PLAN – KAHUAPAANI ST. & MANANAI PL.
INTERS. ID NO. 101287
SCALE: 1"= 10'

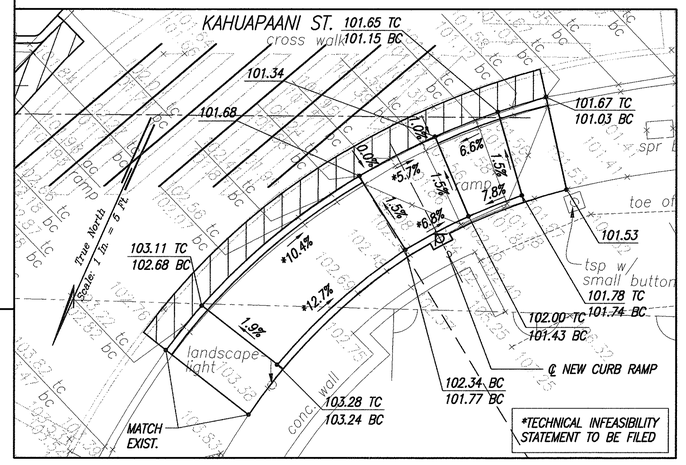


RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

LEGEND

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

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

(1) 189°04'31" 88.39'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 185°35'02" 88.66'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 125°23'33" 89.49'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 121°34'31" 90.00'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 146°01'08" 71.70'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(6) 141°21'59" 75.07'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAHUAPAANI ST. & MANANAI PL.

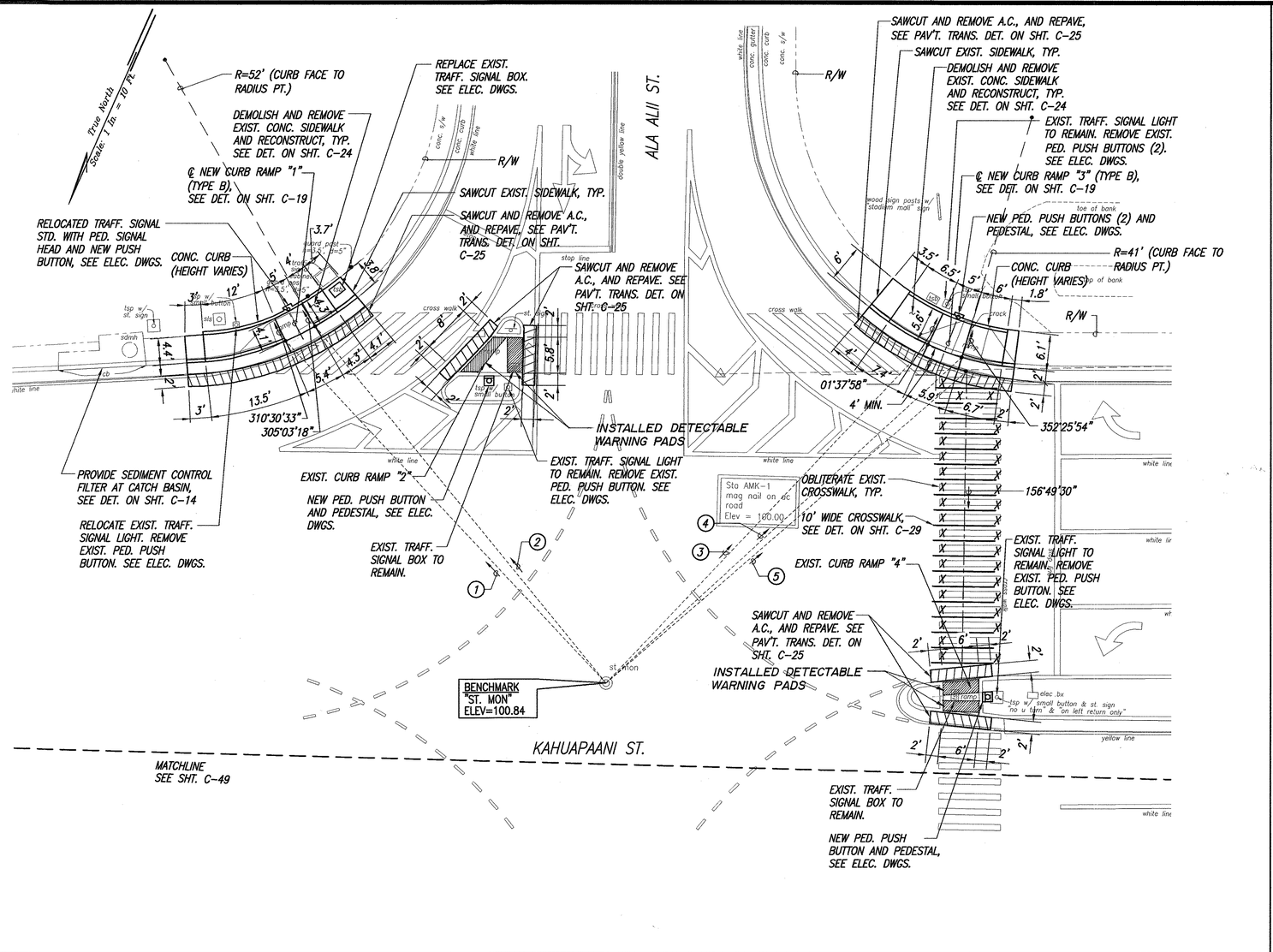
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-49 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ | Filename: C-049 | Plot date: Aug 20, 2004-09:22:13am | CAD User: mkamihara | Xref Filename: | Z-BORD | AUTODATE | HALAWA-MANANI-ALA ALI |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	51	163



① 292°55'48" 76.65'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 296°52'02" 75.27'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 19°23'32" 76.29'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 23°21'34" 78.74'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑤ 25°01'06" 77.80'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE

APRIL 30, 2006
DATE

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

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

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

SITE PLAN – KAHUAPAANI ST. & ALA ALII ST.
INTERS. ID NO. 101387
SCALE: 1"= 10'

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KAHUAPAANI ST. & ALA ALII ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-50 OF 122 SHEETS

"AS-BUILT"

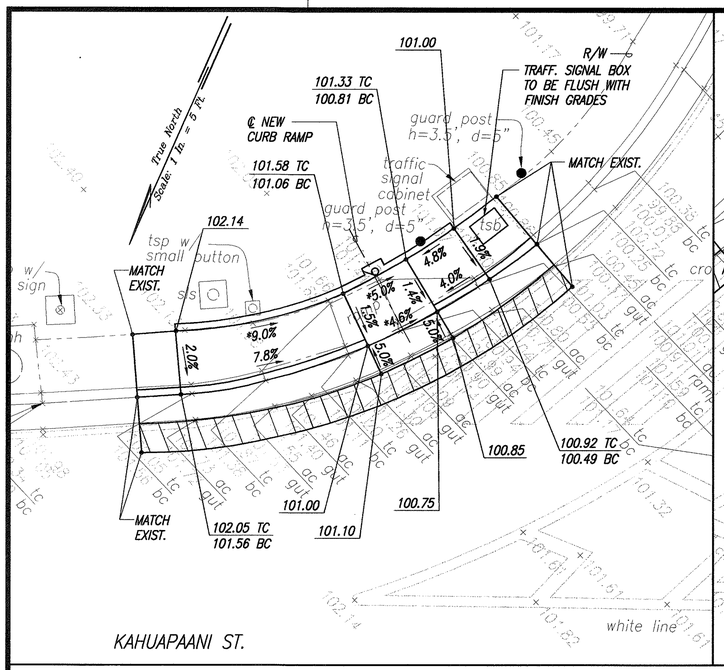
51

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-050 Plot date: Aug 20, 2004-09:22:32am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | HALAWA-MANANI-ALA ALII |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	52	163

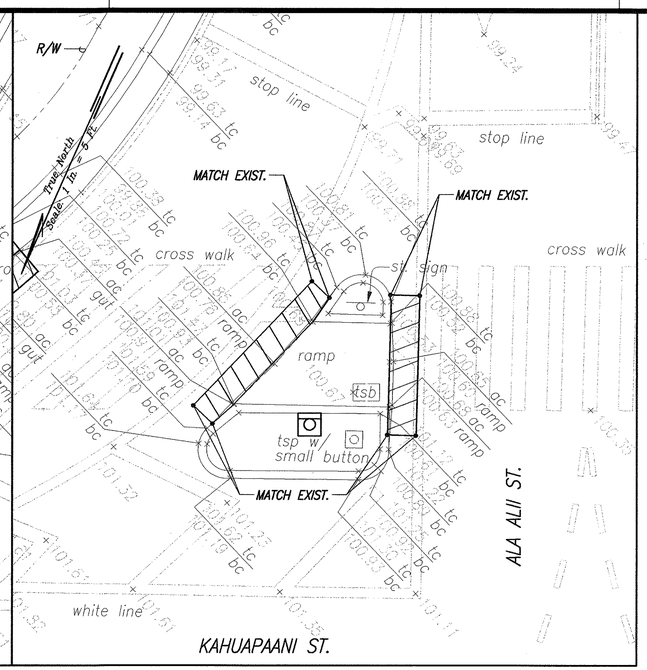
LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

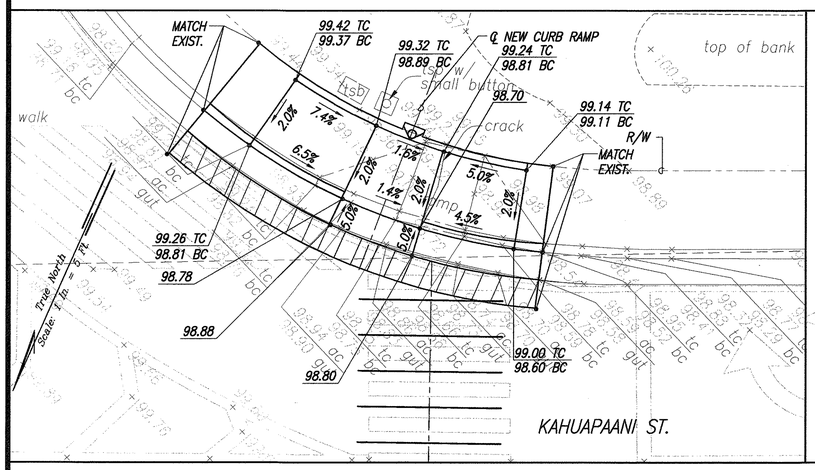


RAMP "1"
SCALE: 1"= 5'

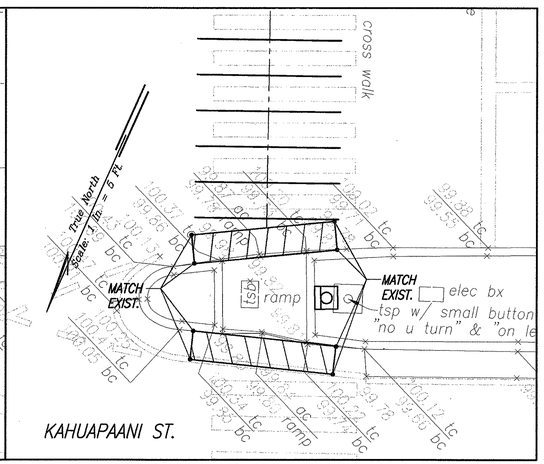
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'

GRAPHIC SCALE
1" = 5' — 5' 0 5' 10'

GRADING PLAN – KAHUAPAANI ST. & ALA ALII ST.
INTERS. ID NO. 101387
SCALE: 1"= 5'

DATE	REVISION

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama — APRIL 30, 2006
SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAHUAPAANI ST. & ALA ALII ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

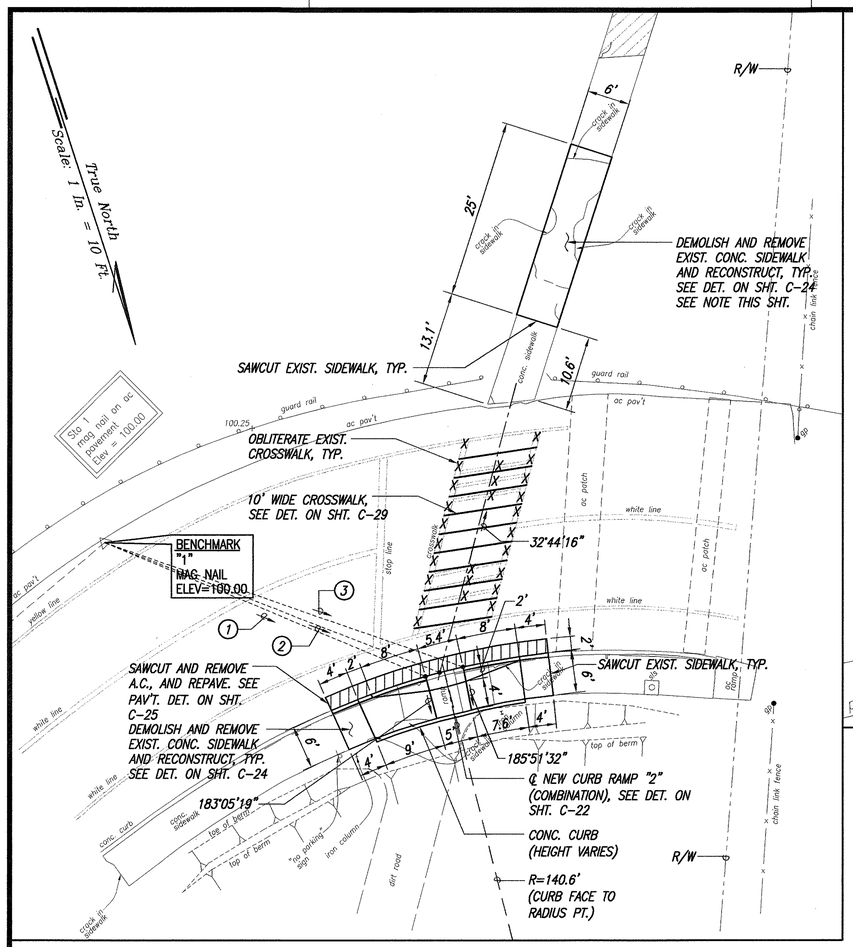
Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-51 OF 122 SHEETS

52

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-051 Plot date: Aug 20, 2004-09:22:51am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | HALAWA-MANANI-ALA ALII |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	53	163



SITE PLAN – KAHUAPAANI ST. & STADIUM ENTRANCE
INTERS. ID NO. 101187
SCALE: 1"= 10'

NOTE:
LIMIT EXCAVATION TO WITHIN 1'-0" BEYOND THE EDGE OF THE SIDEWALK.

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

GRAPHIC SCALES

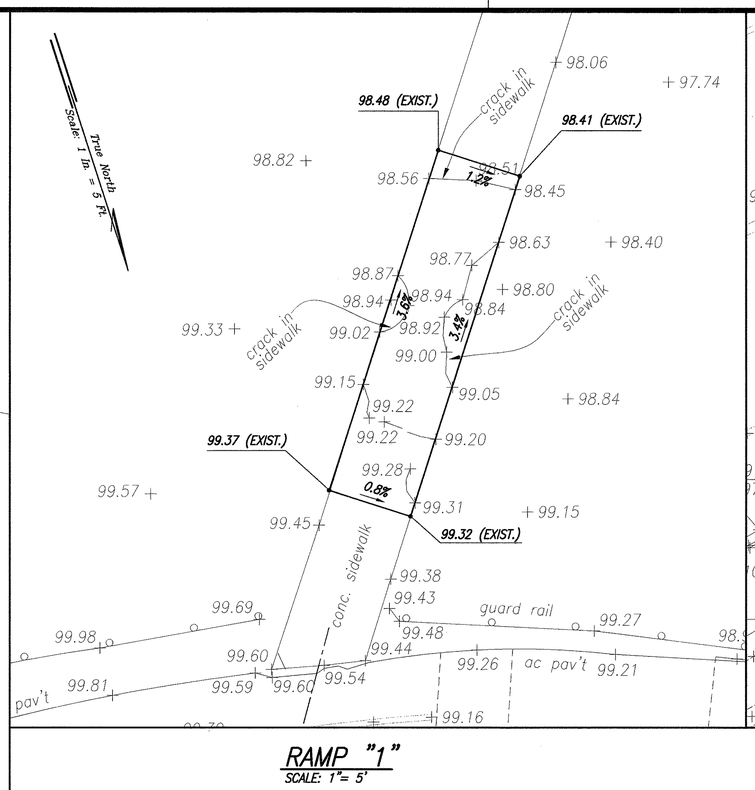
1" = 10' 10' 5' 0 10' 20'

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

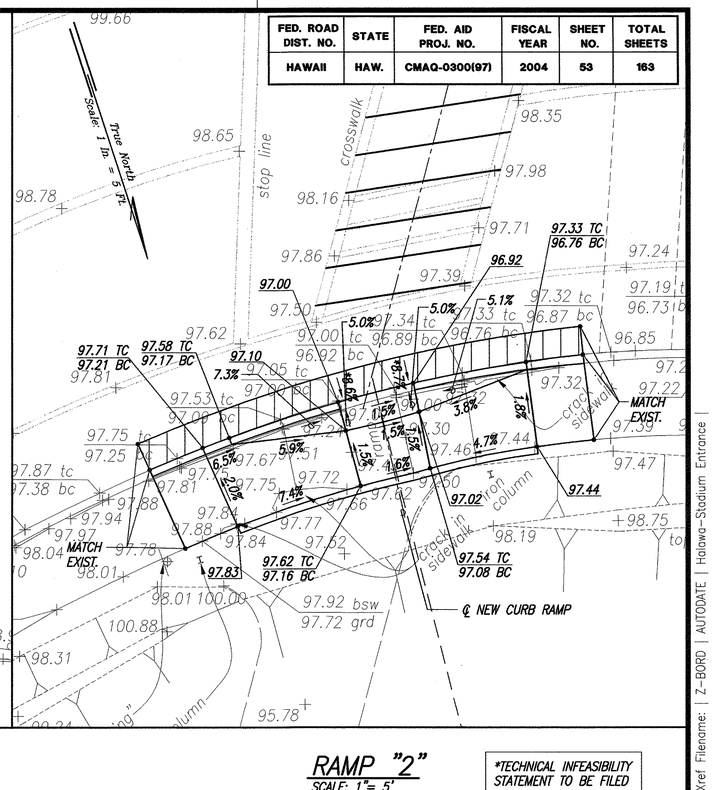
(1) 130°37'36" 48.57'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 129°10'46" 50.22'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 127°06'59" 52.99'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE



RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE

APRIL 30, 2006
DATE

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN KAHUAPAANI ST. & STADIUM ENTRANCE

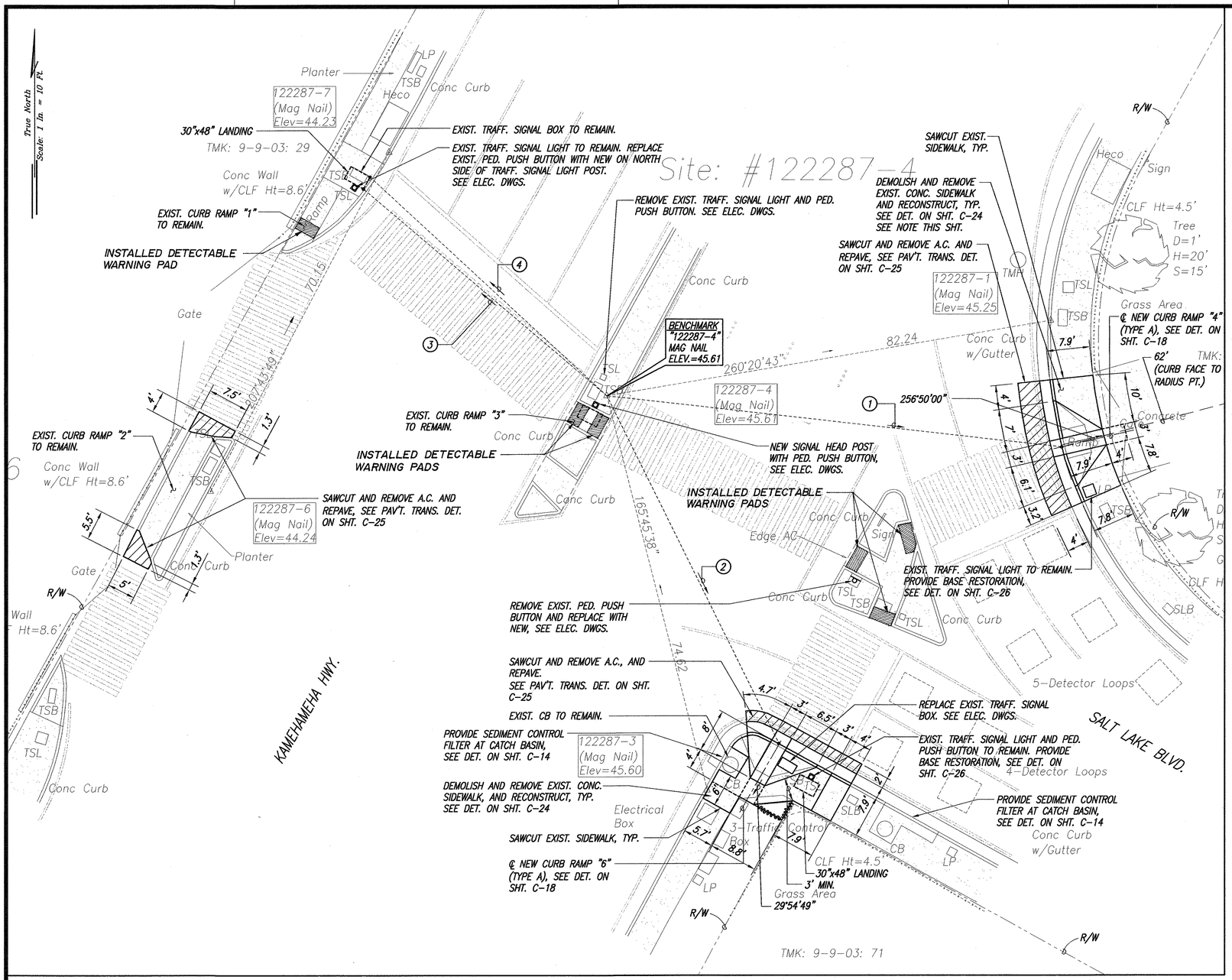
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-52 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-052 Plot date: Aug 20, 2004-09:23:07am CAD User: mkamihara. Xref Files: | Z-BORD | AUTODATE | Halawa-Stadium Entrance |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	54	163



① 276°28'09" 83.62'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 333°45'39" 71.20'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

③ 130°26'32" 58.44'
TIE: BM TO CORNER OF LANDING

④ 132°49'24" 58.99'
TIE: BM TO CORNER OF LANDING

NOTE:
CUT CLEAN UNCOVERED ROOTS DURING EXCAVATION.

LANCE S. OVAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
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Lance S. Ovama
SIGNATURE
APRIL 30, 2006
DATE

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

SITE PLAN – KAMEHAMEHA HWY. & SALT LAKE BLVD.
INTERS. ID NO. 122287
SCALE: 1"= 10'

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KAMEHAMEHA HWY. & SALT LAKE BLVD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

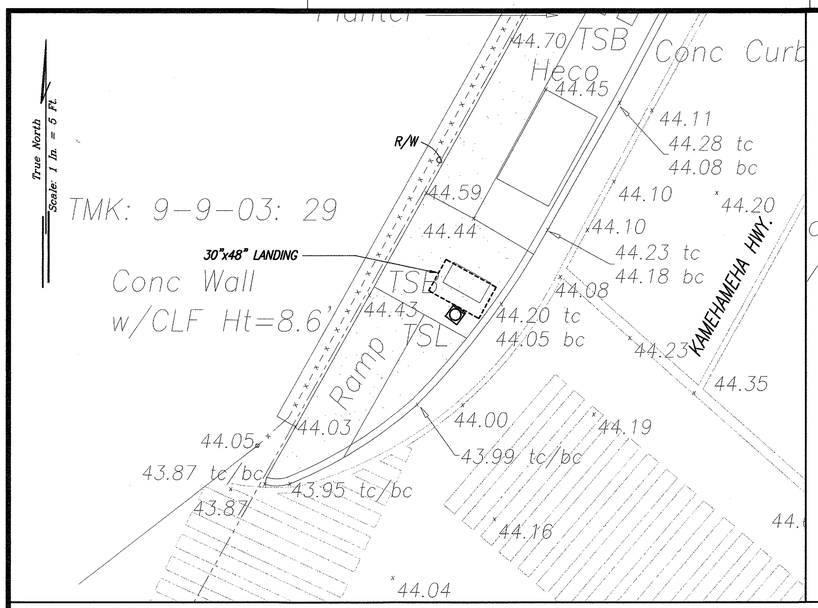
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-53 OF 122 SHEETS

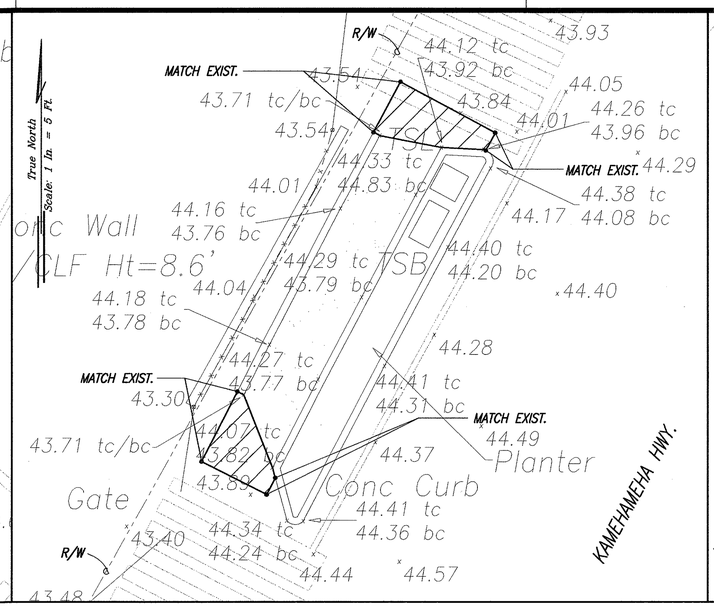
"AS-BUILT"

54

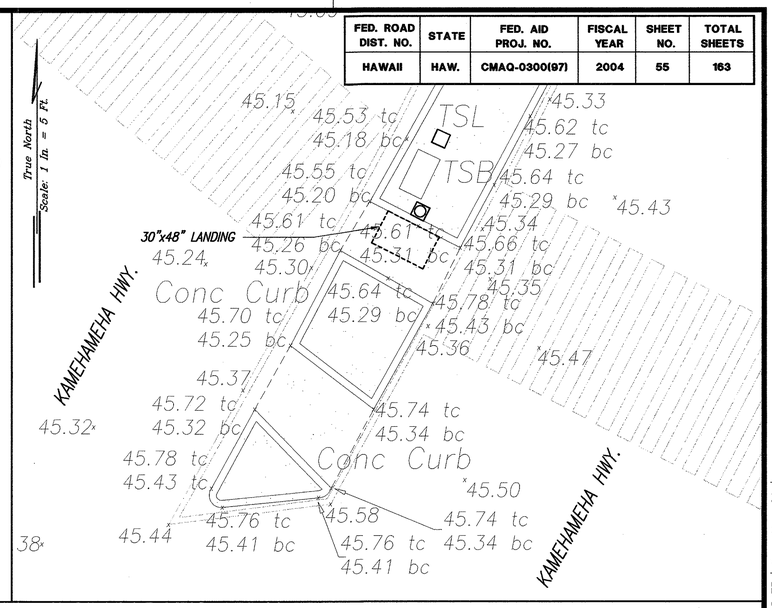
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-053 Plot date: Aug 20, 2004-09:23:24am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam Hwy-01 |



RAMP "1"
SCALE: 1"= 5'

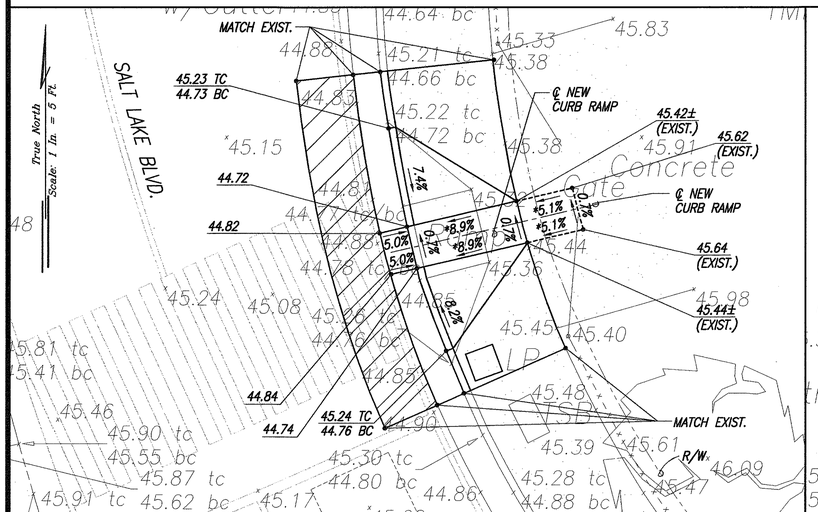


RAMP "2"
SCALE: 1"= 5'



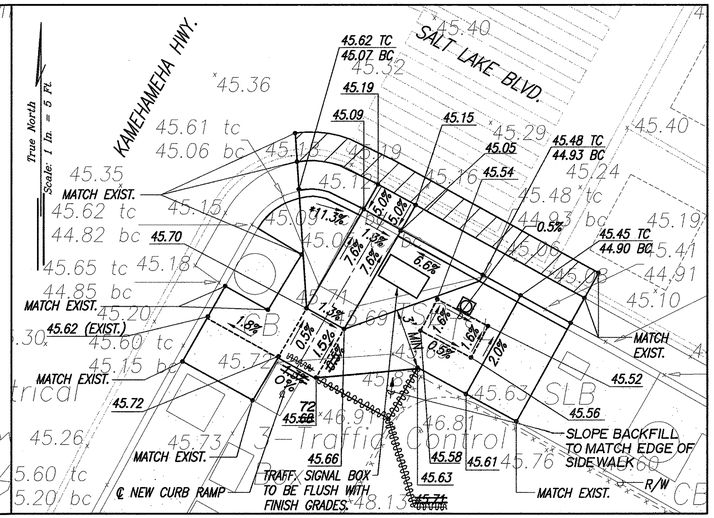
RAMP "3"
SCALE: 1"= 5'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	55	163



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "5"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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

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

GRADING PLAN – KAMEHAMEHA HWY. & SALT LAKE BLVD.
INTERS. ID NO. 122287
SCALE: 1"= 5'

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAMEHAMEHA HWY. & SALT LAKE BLVD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

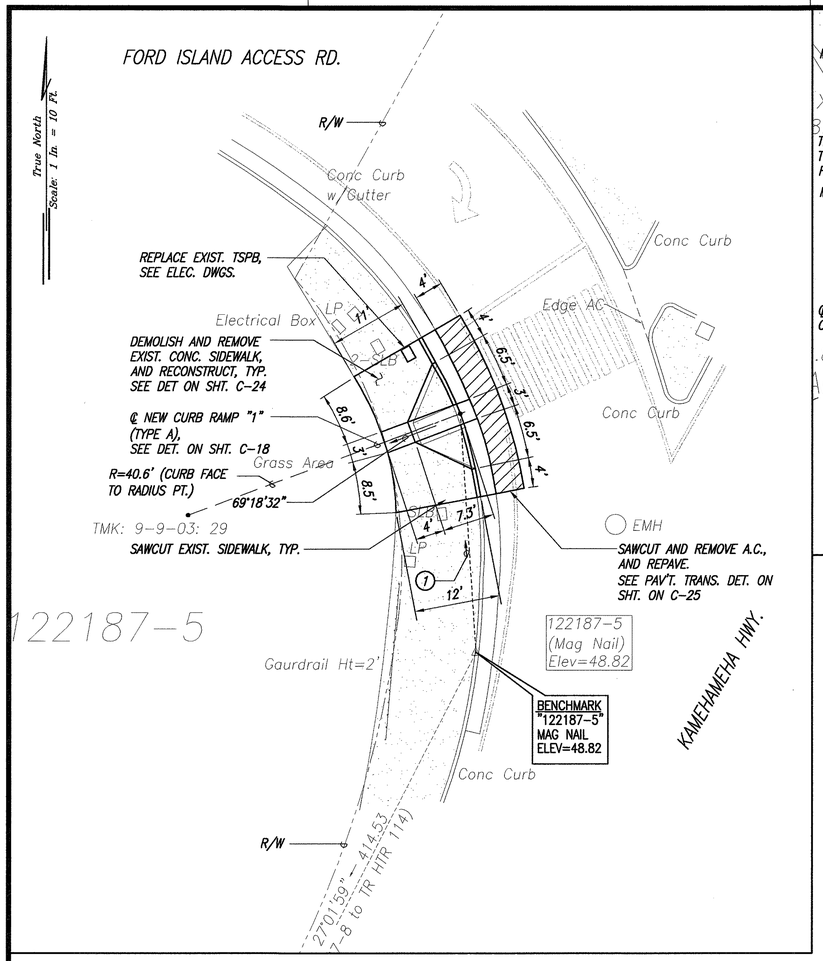
Scale: As Shown Date: JULY 19, 2004

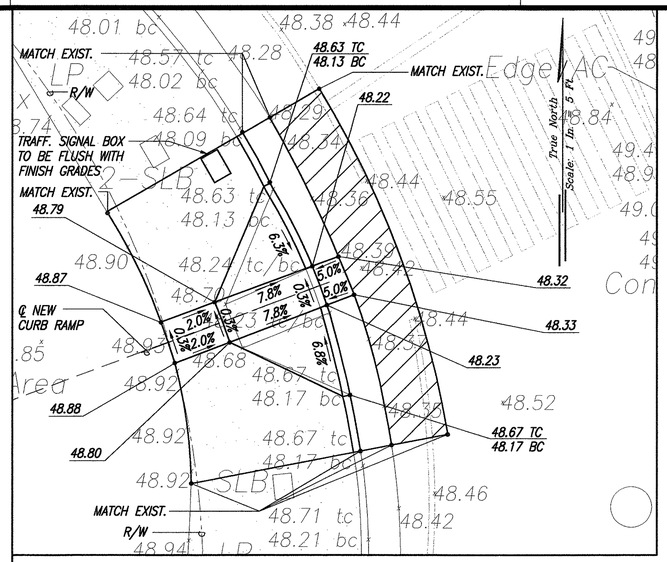
SHEET No. C-54 OF 122 SHEETS

55

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-054 Plot date: Aug 20, 2004-09:23:40am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam Hwy-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	56	163





RAMP "1"
SCALE: 1"= 5'

SITE PLAN – KAMEHAMEHA HWY. & FORD ISLAND ACCESS RD.
INTERS. ID NO., 122187
SCALE: 1"= 10'

NOTE:
AVOID WOUNDING THE TRUNKS OF EXIST. ROYAL PALM TREES.

LEGEND

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

① 176°13'36" 33.52'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE

APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN KAMEHAMEHA HWY & FORD ISLAND ACCESS RD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

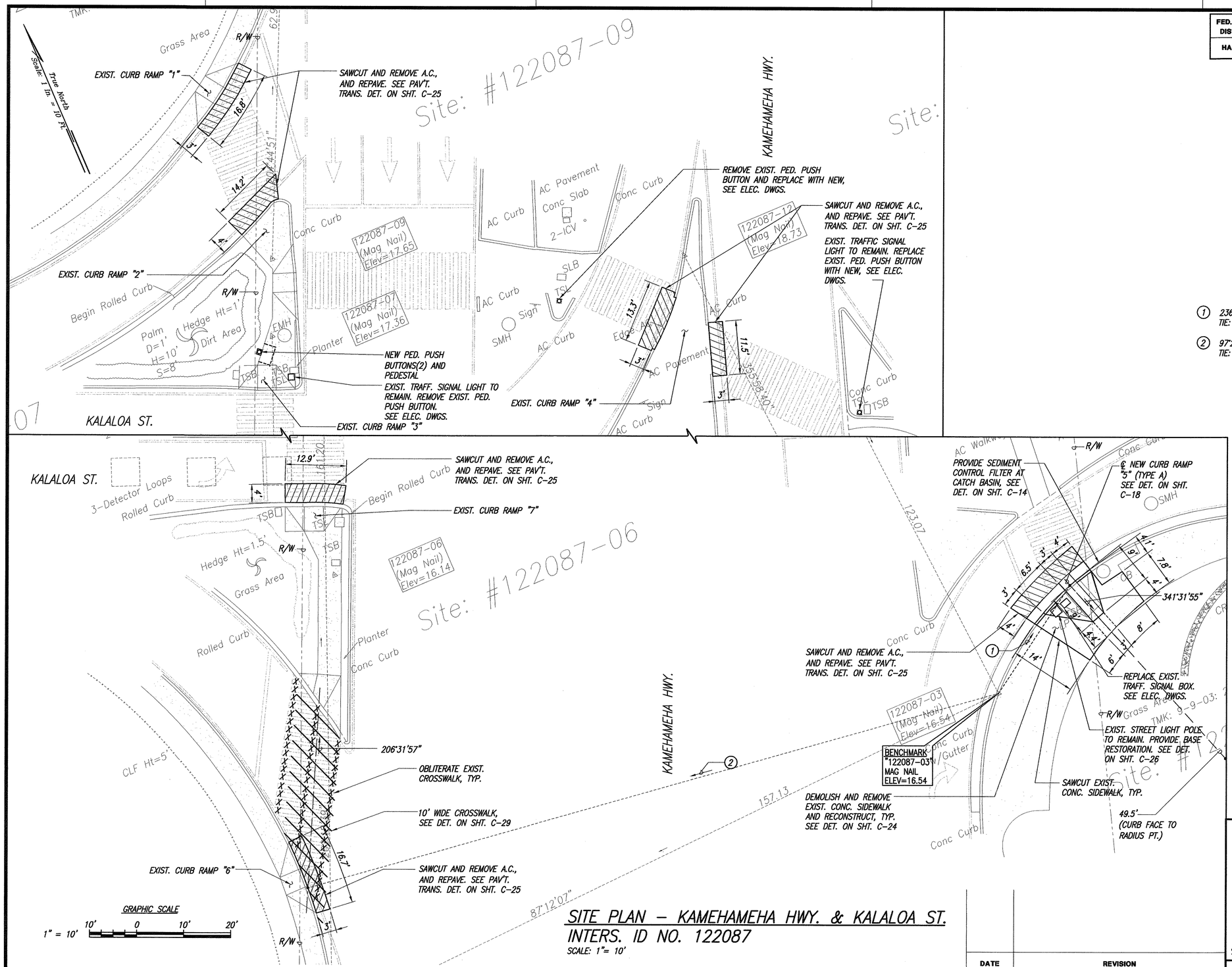
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-55 OF 122 SHEETS

DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-055 Plot date: Aug 20, 2004-09:23:55am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam Hwy-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	57	163



1 236°31'58" 27.54'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

2 97°23'34" 152.18'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
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ORIGINAL PLANS
SURVEY PLOTTED BY — DATE
DRAWN BY
TRACED BY
NOTE BOOK — DESIGNED BY
QUANTITIES BY
No. — CHECKED BY

SITE PLAN – KAMEHAMEHA HWY. & KALALOA ST.
INTERS. ID NO. 122087
SCALE: 1"= 10'

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KAMEHAMEHA HWY. & KALALOA ST.

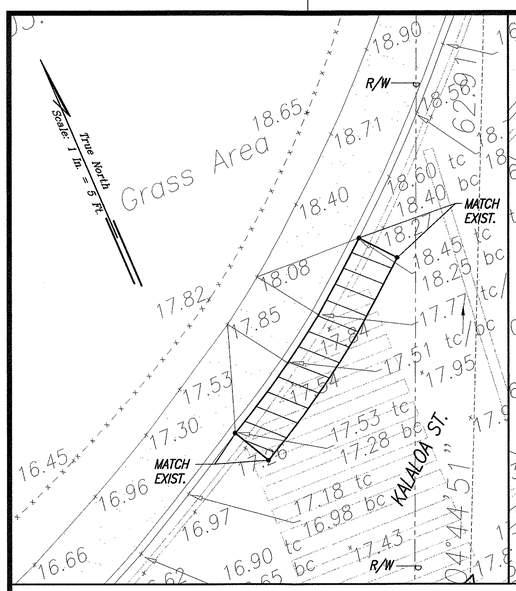
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

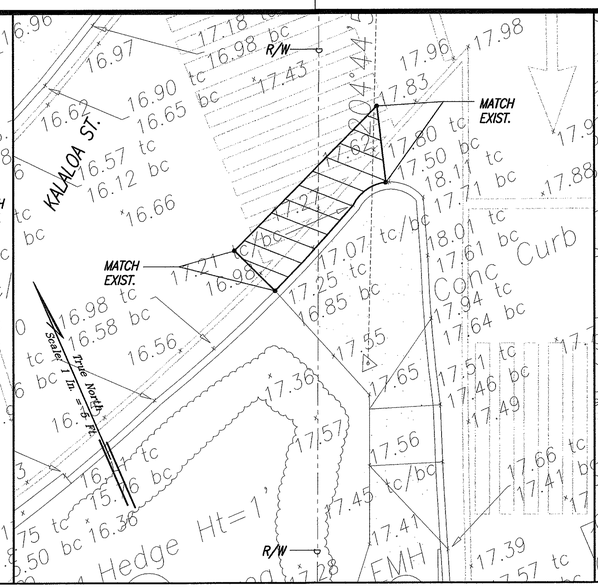
SHEET No. C-56 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-056 Plot date: Aug 20, 2004-09:24:13am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam Hwy-01 |

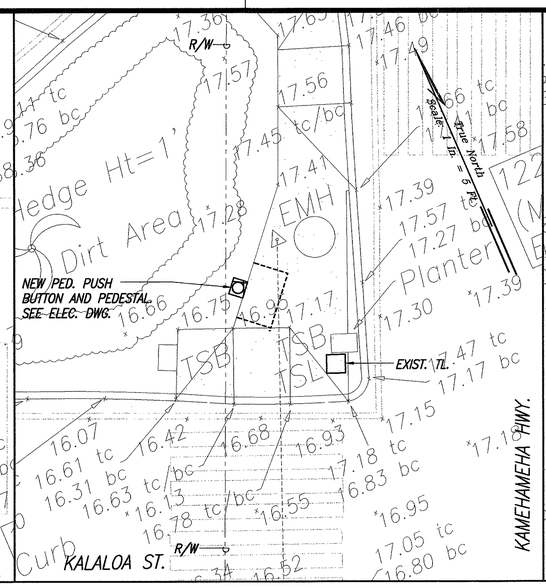
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	58	163



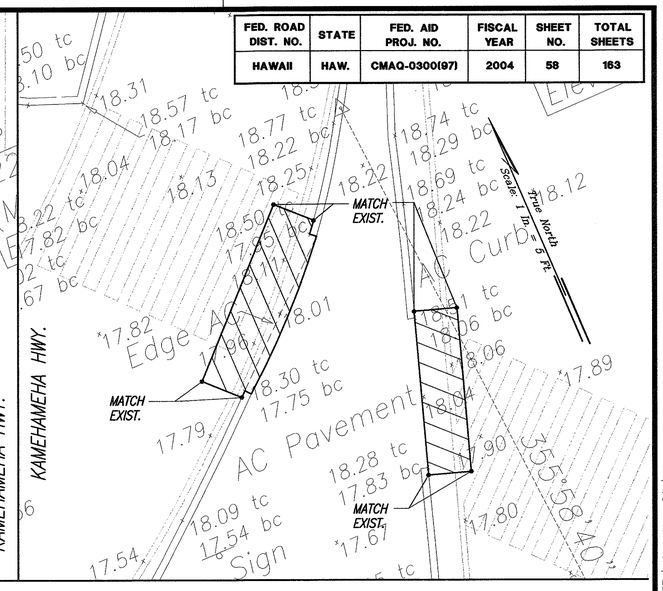
RAMP "1"
SCALE: 1"= 5'



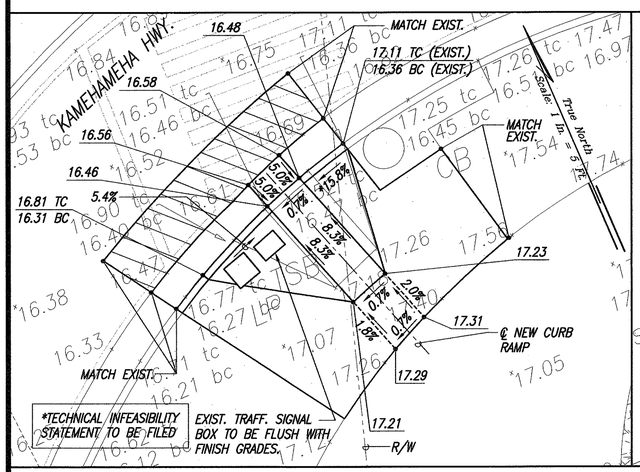
RAMP "2"
SCALE: 1"= 5'



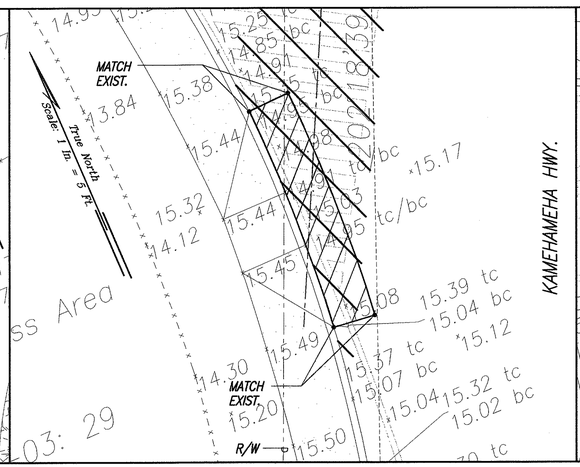
RAMP "3"
SCALE: 1"= 5'



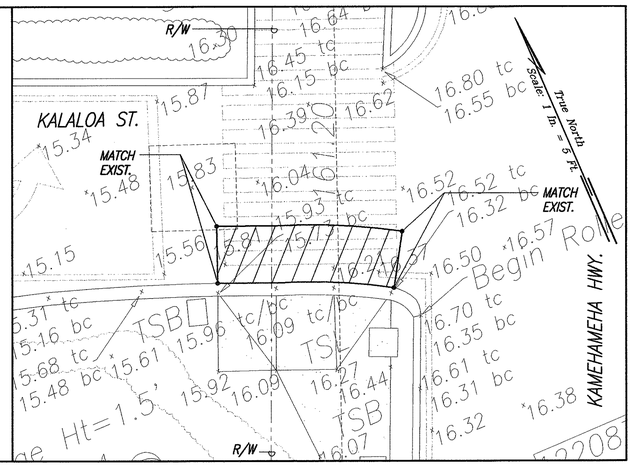
RAMP "4"
SCALE: 1"= 5'



RAMP "5"
SCALE: 1"= 5'



RAMP "6"
SCALE: 1"= 5'



RAMP "7"
SCALE: 1"= 5'

LEGEND

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

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".

ORIGINAL PLAN

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

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

GRADING PLAN – KAMEHAMEHA HWY. & KALALOA ST.
INSTERS. ID NO. 122087
SCALE: 1"= 5'

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAMEHAMEHA HWY. & KALALOA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-57 OF 122 SHEETS

58

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-057 Plot date: Aug 20, 2004-09:24:35am CAD User: mkamihara Xref Filename: | Z-BORD | AUTODATE | Kam Hwy-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	59	163

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK, AND RECONSTRUCT, TYP. SEE DET. ON SHT. C-24

EXIST. CURB RAMP "1"

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK, AND RECONSTRUCT, TYP. SEE DET. ON SHT. C-24

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

OBLITERATE EXIST. CROSSWALK, TYP.

CONC. CURB (HEIGHT VARIES)

EXIST. ELEC. POLE TO REMAIN

REMOVE EXIST. CONC. SLAB AND REPLACE WITH TOPSOIL

GRASS

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

SAWCUT EXIST. SIDEWALK, TYP.

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

340°41'05"

CONC. CURB (HEIGHT VARIES)

NEW PED PUSH BUTTON AND PEDESTAL, SEE ELEC. DWGS.

108°48'45"

202°13'21"

5.8'

5.1'

8.3'

6.41'

11.29'

202°58'43"

1.5

6'

5'

20°21'10"

OBLITERATE EXIST. CROSSWALK, TYP.

279°22'57"

296°37'19"

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

℄ NEW CURB RAMP "2" (TYPE C MODIFIED) SEE DET. ON SHT. C-20

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REMOVE EXIST. PED. PUSH BUTTON, SEE ELEC. DWGS. PROVIDE BASE RESTORATION, SEE DET. ON SHT. C-26

REPLACE EXIST. TRAFF. SIGNAL BOX, SEE ELEC. DWGS.

EXIST. TRAFF. CONTROL BOX TO REMAIN

EXIST. ELEC. BOX TO REMAIN

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REMOVE EXIST. PED. PUSH BUTTON. SEE ELEC. DWGS. PROVIDE BASE RESTORATION, SEE DET. ON SHT. C-26

NEW PED. PUSH BUTTON AND PEDESTAL, SEE ELEC. DWGS.

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK, AND RECONSTRUCT, TYP. SEE DET. ON SHT. C-24

℄ NEW CURB RAMP "3" (TYPE C MODIFIED) SEE DET. ON SHT. C-20

OBLITERATE EXIST. CROSSWALK, TYP.

BENCHMARK "121987-12" MAG NAIL ELEV.=14.99

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

EXIST. CURB RAMP "4"

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

293°39'37"

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

OBLITERATE EXIST. CROSSWALK, TYP.

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REPLACE EXIST. PED. PUSH BUTTON WITH NEW. SEE ELEC. DWGS.

EXIST. CURB RAMP "5"

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

KAMEHAMEHA HWY.

ARIZONA ST.

ARIZONA ST.

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

OBLITERATE EXIST. CROSSWALK, TYP.

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

111°30'22"

EXIST. CURB RAMP "6"

54.57

278°36'52"

30"x48" LANDING

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REMOVE EXIST. PED. PUSH BUTTONS (2), SEE ELEC. DWGS.

NEW PED. PUSH BUTTONS (2) AND PEDESTAL, SEE ELEC. DWGS.

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REPLACE EXIST. PED. PUSH BUTTON WITH NEW. SEE ELEC. DWGS.

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK, AND RECONSTRUCT WITH CONC., TYP. SEE DET. ON SHT. C-24

SAWCUT EXIST. SIDEWALK, TYP.

℄ NEW CURB RAMP "8" (TYPE A) SEE DET. ON SHT. C-18

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REMOVE EXIST. PED. PUSH BUTTON AND REPLACE WITH NEW, SEE ELEC. DWGS.

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

110°38'50"

279°40'26"

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

OBLITERATE EXIST. CROSSWALK, TYP.

℄ NEW CURB RAMP "9" (TYPE A) SEE DET. ON SHT. C-18

146°29'31"

6.3'

R=200.5' (CURB FACE TO RADIUS PT.)

EXIST. CURB RAMP "7"

292°12'12"

*FOR ADDITIONAL DIMENSIONS, SEE GRADING PLAN

(1) 105°26'56" 83.02'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(2) 103°27'01" 72.33'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(3) 87°34'27" 91.33'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(4) 289°53'23" 11.63'
TIE: BM TO INTERSECTION OF ℄ RAMP EDGE AND ℄ CROSSWALK

(5) 29°23'15" 125.85'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(6) 359°19'19" 135.38'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(7) 354°00'30" 143.63'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(8) 30°20'30" 139.17'
TIE: BM TO BM 121987-07

(9) 358°31'15" 150.43'
TIE: BM TO BM 121987-05

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

SITE PLAN - KAMEHAMEHA HWY. & ARIZONA ST.
INTERS. ID NO. 121987
SCALE: 1"= 10'

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KAMEHAMEHA HWY. & ARIZONA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

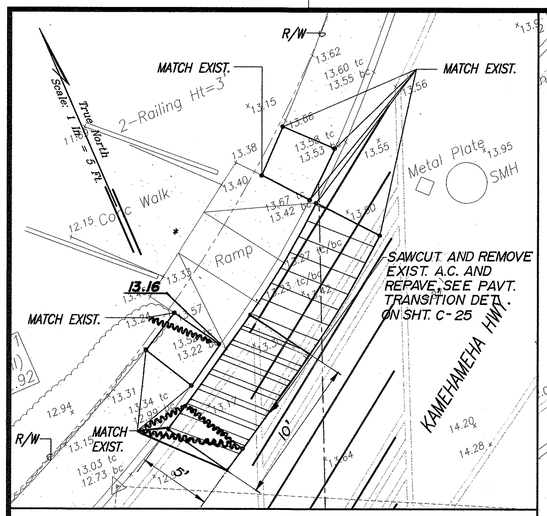
SHEET No. C-58 OF 122 SHEETS

DATE	REVISION

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

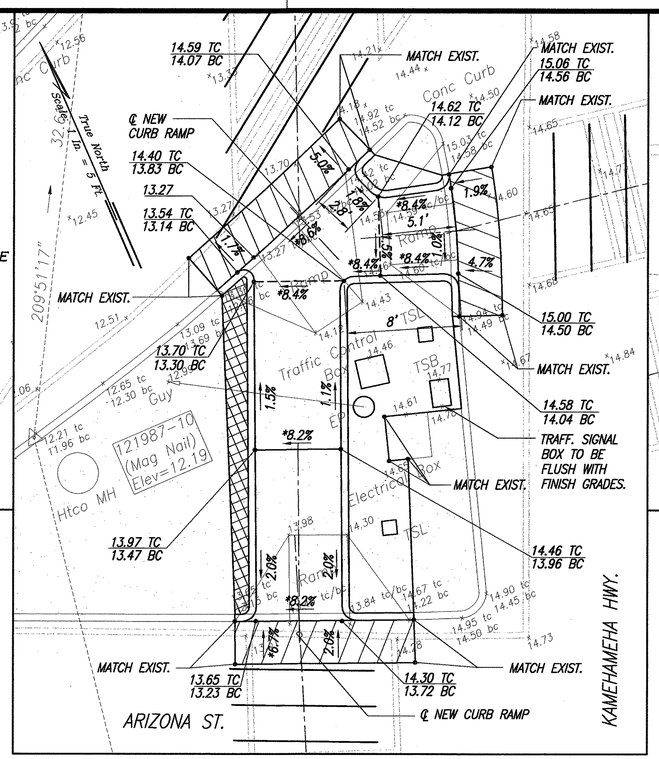
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-058 Plot date: Aug 20, 2004-09:24:51am CAD User: mkamihara. Xref Files: | Z-BORD | AUTODATE | Kam and Arizona |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	60	163



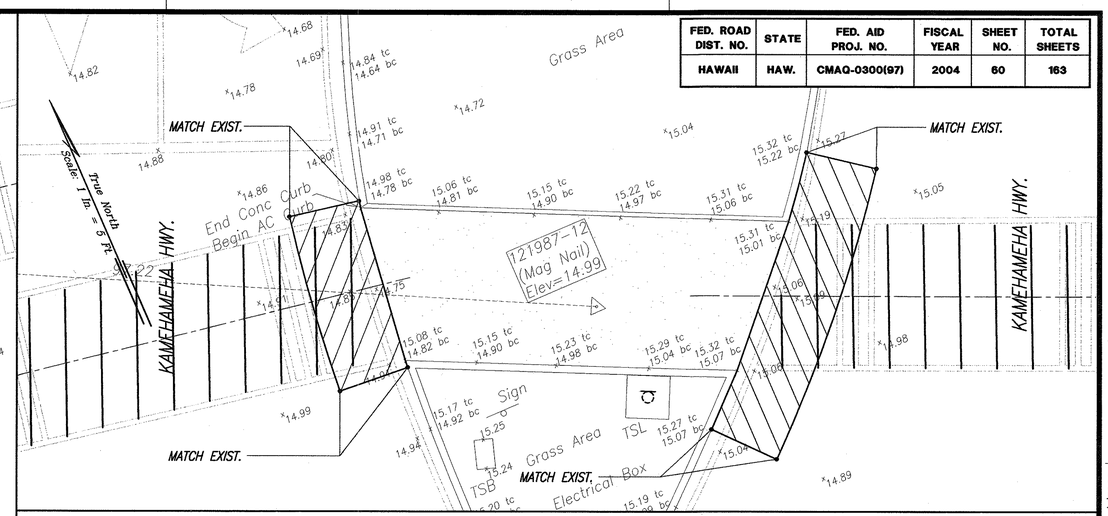
RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2 & 3"
SCALE: 1"= 5'

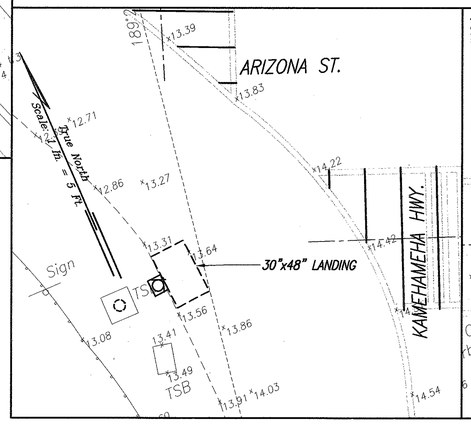
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



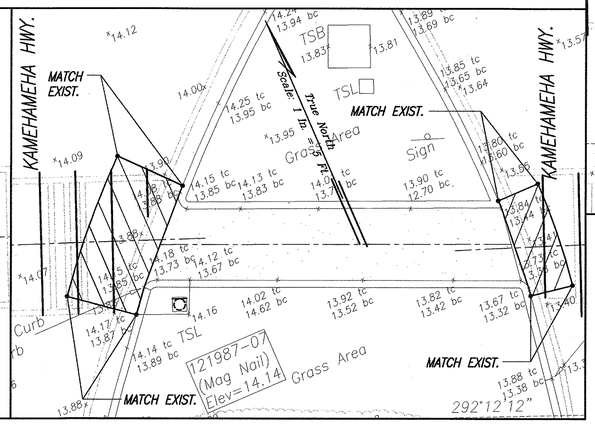
RAMP "4"
SCALE: 1"= 5'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	60	163

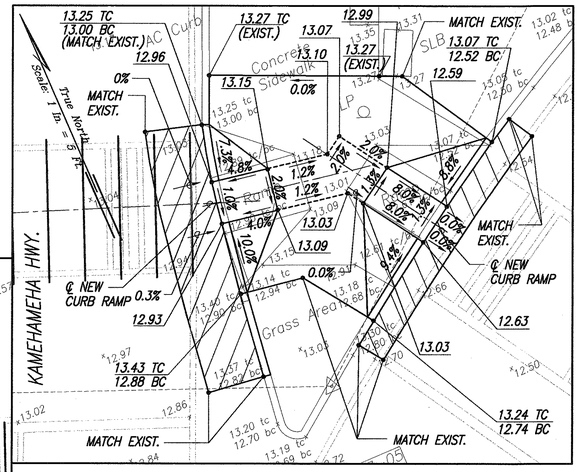
RAMP "5"
SCALE: 1"= 5'



RAMP "6"
SCALE: 1"= 5'



RAMP "7"
SCALE: 1"= 5'



RAMP "8 & 9"
SCALE: 1"= 5'

LEGEND

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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

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

GRADING PLAN – KAMEHAMEHA HWY. & ARIZONA ST.
INTERS. ID NO. 121987
SCALE: 1"= 5'

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAMEHAMEHA HWY. & ARIZONA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

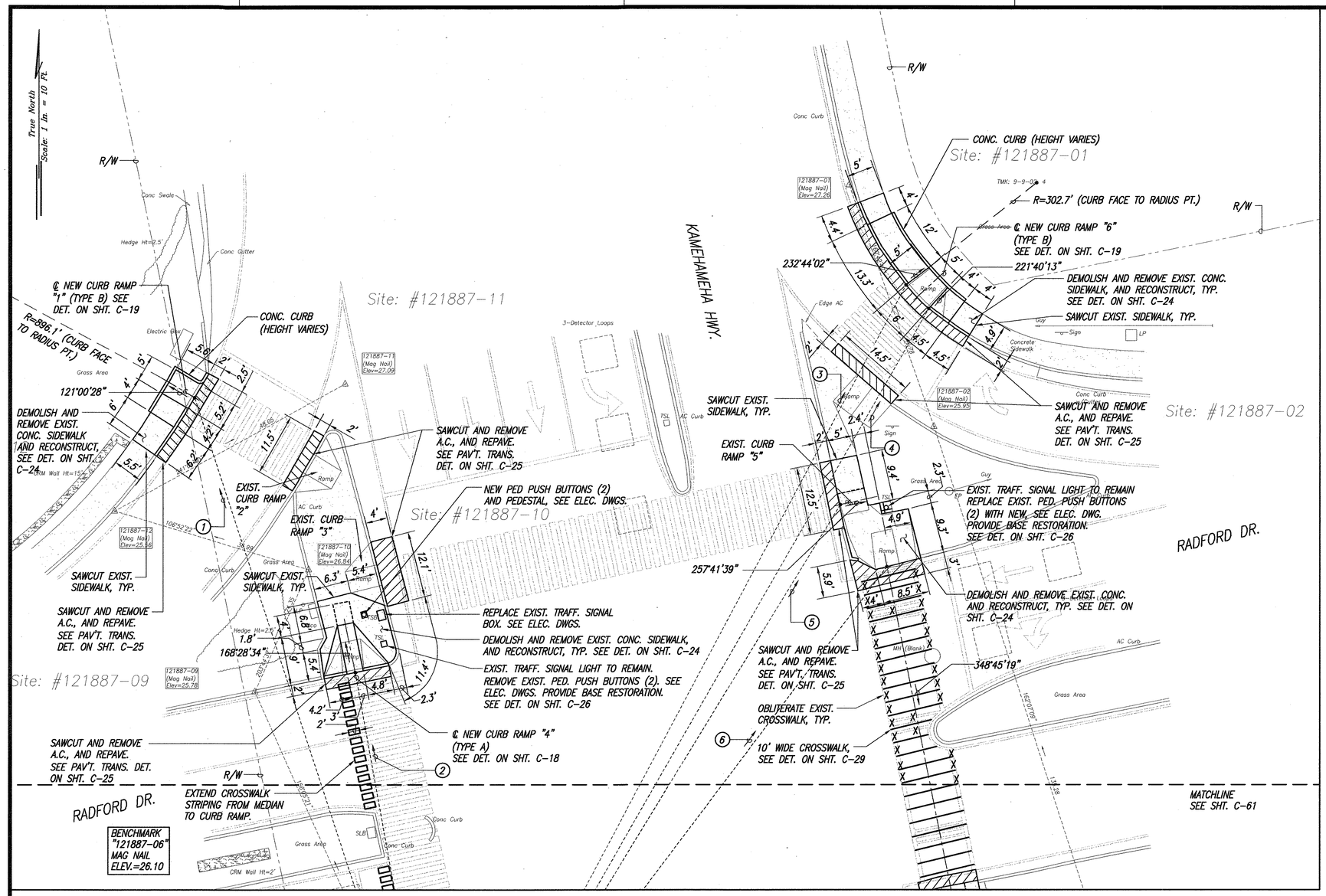
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-59 OF 122 SHEETS

"AS-BUILT" 60

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-059 Plot date: Aug 20, 2004-09:25:37am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam and Arizona |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	61	163



GRAPHIC SCALE

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

(1) 161'53'12" 145.73'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 189'43'46" 89.74'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(3) 207'56'37" 180.12'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 209'46'17" 178.32'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 211'20'58" 139.28'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(6) 216'57'04" 134.63'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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

SITE PLAN – KAMEHAMEHA HWY. & RADFORD DR.

INTERS. ID NO. 121887

SCALE: 1"= 10'

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KAMEHAMEHA HWY. & RADFORD DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

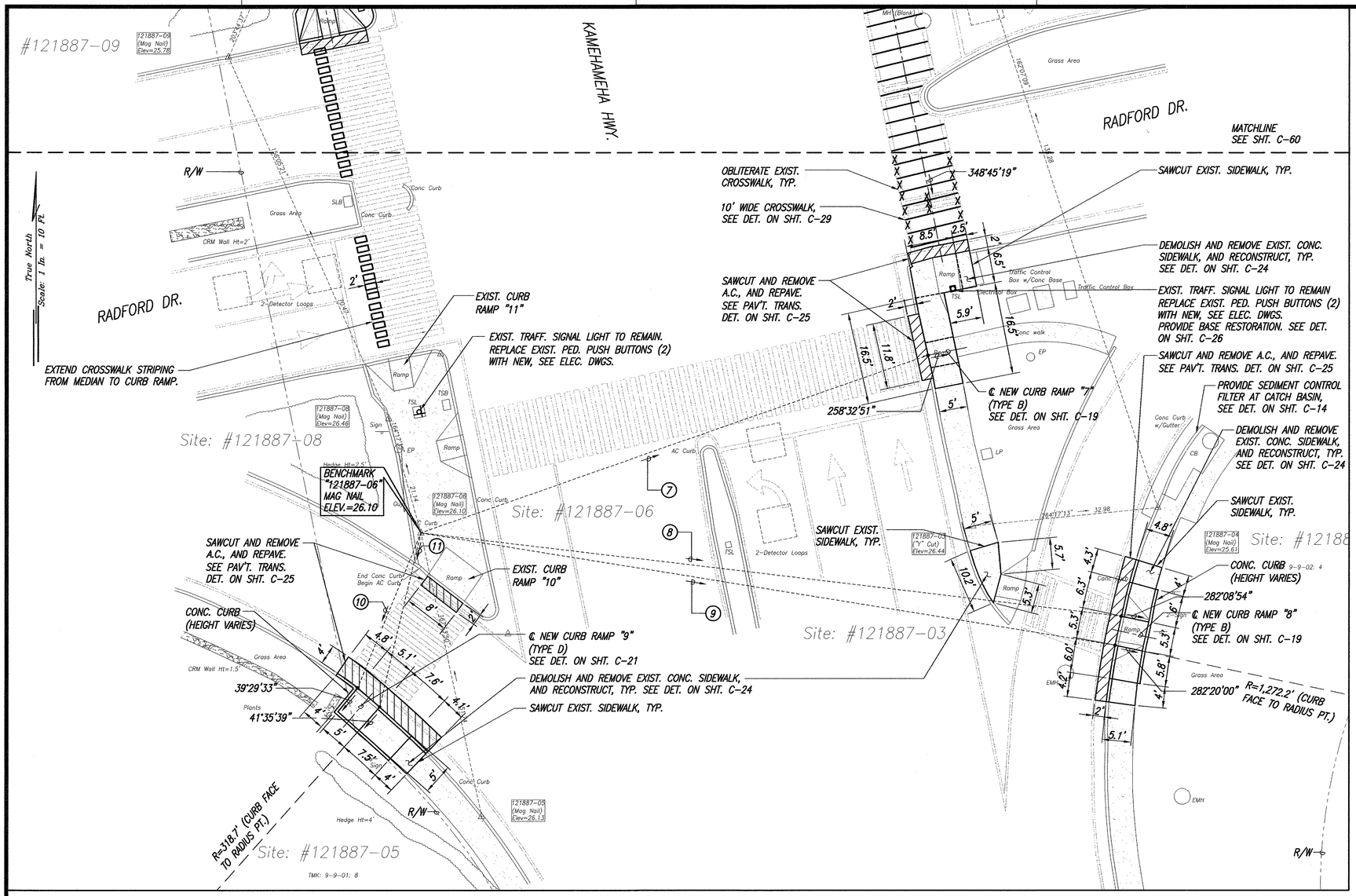
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-60 OF 122 SHEETS

61

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-060 Plot date: Aug 20, 2004-09:25:55am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam and Radford |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	62	163



7 250°40'13" 95.54'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

8 276°49'24" 125.43'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

9 279°14'07" 125.08'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

10 22°08'05" 29.85'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

11 13°15'47" 31.91'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE
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DATE

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SITE PLAN – KAMEHAMEHA HWY. & RADFORD DR.
INTERS. ID NO. 121887
SCALE: 1"= 10'

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

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KAMEHAMEHA HWY. & RADFORD DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

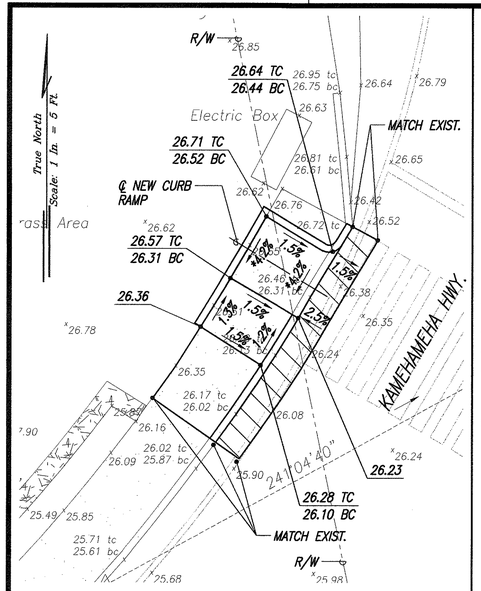
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-61 OF 122 SHEETS

62

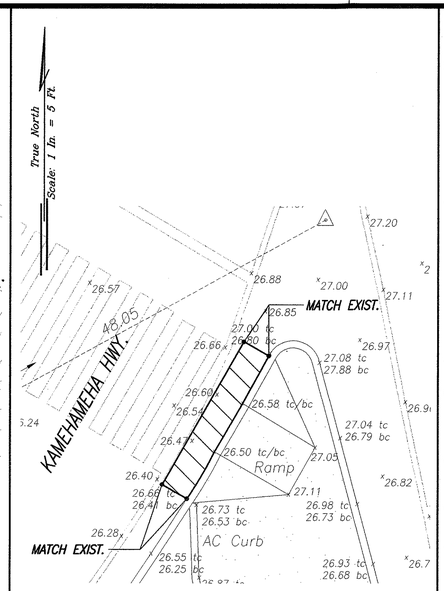
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-061 Plot date: Aug 20, 2004-09:33:52am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam and Radford |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	63	163

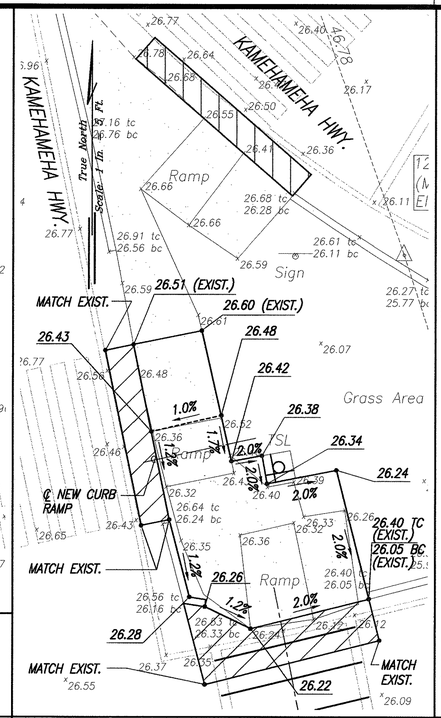


RAMP "1"
SCALE: 1"= 5'

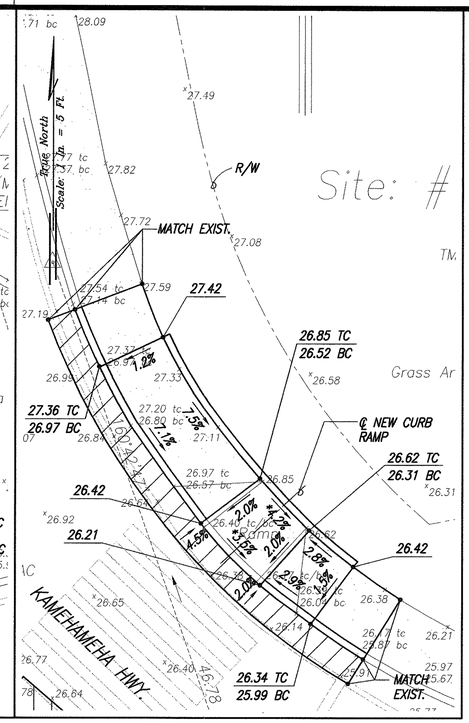
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

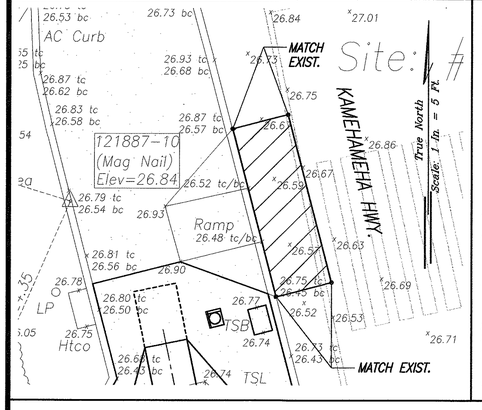


RAMP "5"
SCALE: 1"= 5'

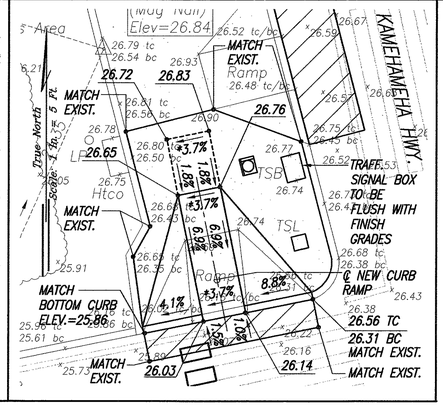


RAMP "6"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

GRAPHIC SCALE
1" = 5' (5' 0 5' 10')

GRADING PLAN – KAMEHAMEHA HWY. & RADFORD DR.
INTERS. ID NO. 121887
SCALE: 1"= 10'

ORIGINAL PLANS BY	SURVEY PLOTTED BY	DATE
NOTE BOOK	TRACED BY	
No.	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
GRADING PLAN
KAMEHAMEHA HWY. & RADFORD DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

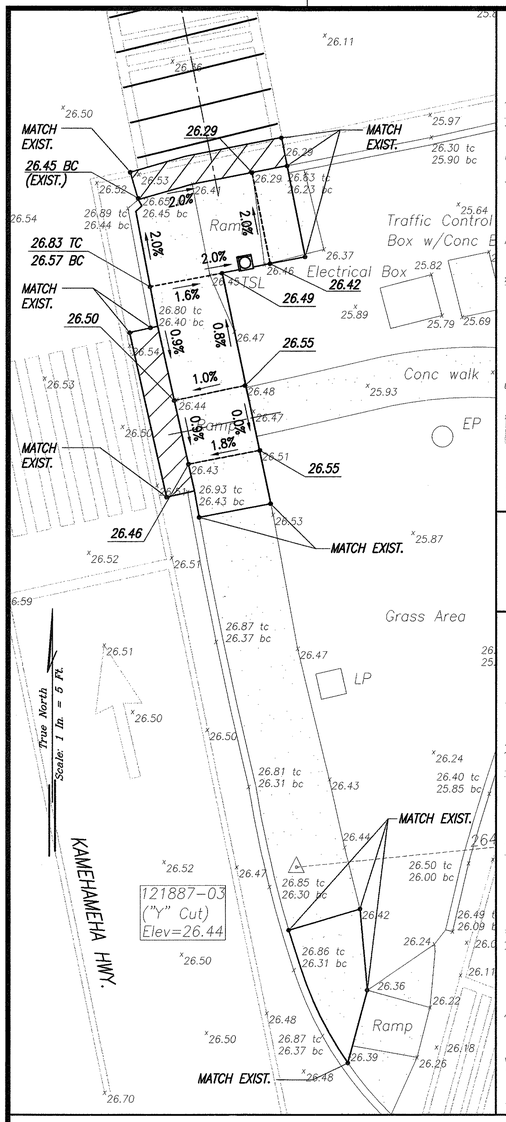
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-62 OF 122 SHEETS

DATE	REVISION

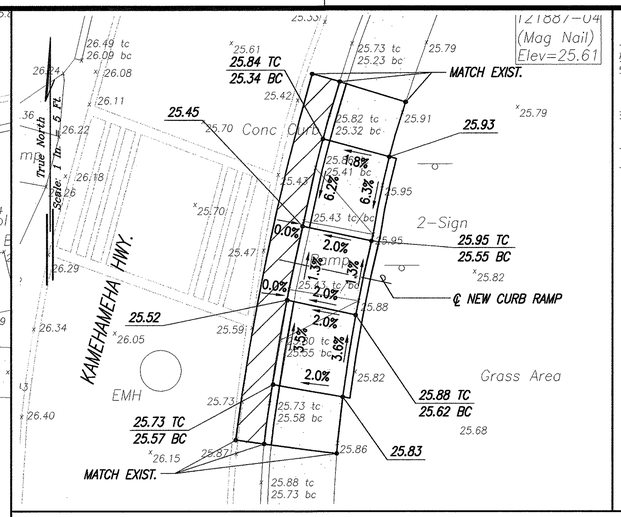
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-062 Plot date: Aug 20, 2004-09:34:19am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam and Radford |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	64	163

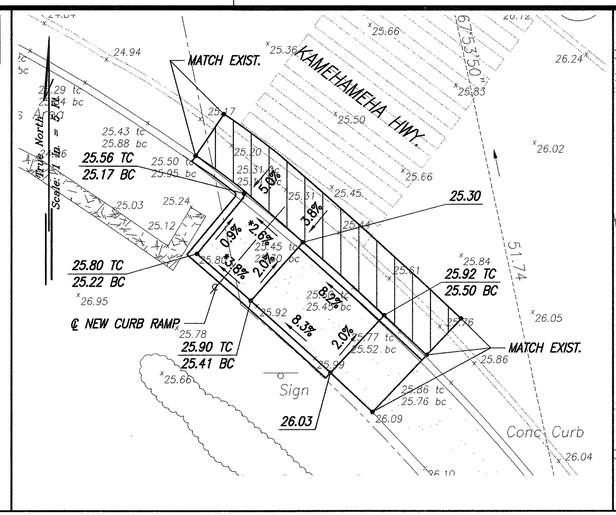


RAMP "7"
SCALE: 1"= 5'

RAMP "11"
SCALE: 1"= 5'

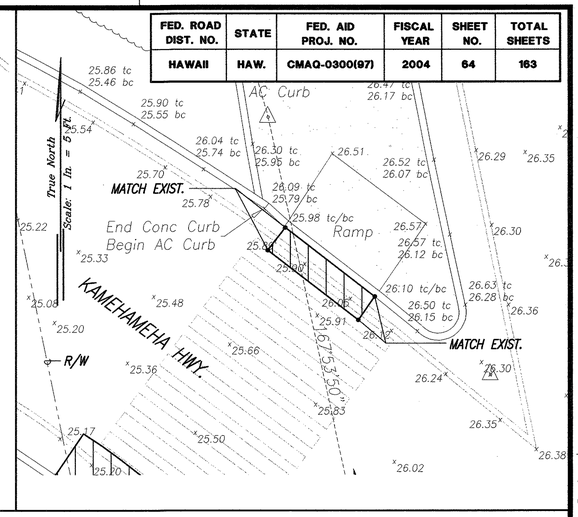


RAMP "8"
SCALE: 1"= 5'



RAMP "9"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "10"
SCALE: 1"= 5'

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

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

GRADING PLAN – KAMEHAMEHA HWY. & RADFORD DR.
INTERS. ID NO. 121887
SCALE: 1"= 10'

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
KAMEHAMEHA HWY. & RADFORD DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-63 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-063 Plot date: Aug 20, 2004-09:34:40am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam and Radford |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	65	163

ADJUST BOX TO NEW FINISH GRADE

FIELD CHANGE No. 3

BENCHMARK "121787-12" (MAG NAIL) ELEV.=45.73

SAWCUT AT JOINTS REPLACE 4" THICK CONC. SIDEWALK

R=64.5' (CURB FACE TO RADIUS PT.)

TMK: 9-1: 08

R/W

CLF Ht=6'

EXIST. CURB RAMP "1"

126°57'57"

13.6'

End AC Curb

Begin Conc Curb

Conc Curb

OBLITERATE EXIST. CROSSWALK, TYP.

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

CONC. CURB (HEIGHT VARIES)

307°35'37"

CENTER DR.

3-Detector Loops

347°27'43"

C&C Street Monument

Planter

167°27'43"

LP

WMH

121787-10 (Mag Nail) Elev=45.13

Sign

EXIST. CURB RAMP "9"

NEW PED. PUSH BUTTON AND PEDESTAL, SEE ELEC. DWGS.

30"x48" LANDING

EXIST. CURB RAMP "8"

TMK: 9-9-1: 08

Grass Area

2-TSB

HTMH

Conc Walk

AC Walk

Grass Area

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REMOVE EXIST. PED. PUSH BUTTONS (2), SEE ELEC. DWGS.

NEW PED. PUSH BUTTON AND PEDESTAL, SEE ELEC. DWGS.

30"x48" LANDING

R/W

Site: #121787-09

SAWCUT AND REMOVE A.C., AND REPAVE, SEE PAV'T. TRANS. DET. ON SHT. C-25

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK AND RECONSTRUCT, TYP. SEE DET. ON SHT. C-24

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REPLACE EXIST. PED. PUSH BUTTON WITH NEW, AND ADD NEW PED. PUSH BUTTON. SEE ELEC. DWGS.

30"x48" LANDING

SAWCUT AND REMOVE A.C., AND REPAVE, SEE PAV'T TRANS. DET. ON SHT. C-25

EXIST. CURB RAMP "3"

℄ NEW CURB RAMP "2" (TYPE C), SEE DET. ON SHT. C-20

REPLACE EXIST. TRAFF. SIGNAL BOX. SEE ELEC. DWGS.

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REMOVE EXIST. PED. PUSH BUTTON. SEE ELEC. DWGS.

NEW PED. PUSH BUTTON AND PEDESTAL, SEE ELEC. DWGS. PROVIDE BASE RESTORATION, SEE DET. ON SHT. C-26

SAWCUT AND REMOVE A.C., AND REPAVE TO ELIMINATE EXIST. SWALE, SEE PAV'T. TRANS. DET. ON SHT. C-25

OBLITERATE EXIST. CROSSWALK, TYP.

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

SAWCUT AND REMOVE A.C., AND REPAVE, SEE PAV'T. TRANS. DET. ON SHT. C-25

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK AND RECONSTRUCT, TYP. SEE DET. ON SHT. C-24

CONC. CURB (HEIGHT VARIES)

248°51'51"

REMOVE EXIST. PED. PUSH BUTTON AND REPLACE WITH NEW, SEE ELEC. DWGS.

121787-09 (Mag Nail) Elev=45.68

℄ NEW CURB RAMP "7" (TYPE B), SEE DET. ON SHT. C-19

Site: #121787-07

Site: #121787-06

Site: #121787-11

Site: #121787-10

Site: #121787-05

SAWCUT EXIST. SIDEWALK, TYP.

121787-01 (Mag Nail) Elev=47.65

R=79.6' (CURB FACE TO RADIUS PT.)

218°28'43"

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK AND RECONSTRUCT, TYP. SEE DET. ON SHT. C-24

R/W

℄ NEW CURB RAMP "4" (TYPE A), SEE DET. ON SHT. C-18

Edge AC

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T. TRANS. DET. ON SHT. C-25

38°28'21"

121787-03 (Mag Nail) Elev=46.98

OBLITERATE EXIST. CROSSWALK, TYP.

10' WIDE CROSSWALK, SEE DET. ON SHT. C-29

168°21'37"

CENTER DR.

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK AND RECONSTRUCT, TYP. SEE DET. ON SHT. C-24

SAWCUT AND REMOVE A.C., AND REPAVE, SEE PAV'T. TRANS. DET. ON SHT. C-25

CONC. CURB (HEIGHT VARIES)

348°21'37"

121787-06 (Mag Nail) Elev=45.62

EXIST. CURB RAMP "5"

EXIST. SWALE

℄ NEW CURB RAMP "6A" (TYPE C), SEE DET. ON SHT. C-20

3-Sign

MK: 1-

EP

CLF Ht=6'

SAWCUT AND REMOVE A.C., AND REPAVE. SEE PAV'T TRANS. DET. ON SHT. C-25

NEW STOP BAR

R/W

℄ NEW CURB RAMP "6" (TYPE A), SEE DET. ON SHT. C-18

Edge AC

257°47'23"

121787-07 (Mag Nail) Elev=45.66

REPLACE EXIST. TRAFF. SIGNAL BOX. SEE ELEC. DWGS.

EXIST. TRAFF. SIGNAL LIGHT TO REMAIN. REPLACE EXIST. PED. PUSH BUTTONS (2) WITH NEW. SEE ELEC. DWGS. PROVIDE BASE RESTORATION, SEE DET. ON SHT. C-26.

R=820' (CURB FACE TO RADIUS PT.)

*FOR ADDITIONAL DIMENSIONS, SEE GRADING PLAN

KAMEHAMEHA HWY.

(1) 268°18'30" 149.90'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 269°01'16" 152.23'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 294°14'25" 158.52'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(4) 300°45'27" 162.94'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(5) 344°28'44" 126.33'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 347°53'18" 114.01'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(7) 348°33'24" 48.65'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(8) 356°45'49" 37.95'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(9) 350°19'13" 48.65'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(10) 294°40'13" 170.60'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE

APRIL 30, 2006
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

KAMEHAMEHA HWY. & CENTER DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-64 OF 122 SHEETS

"AS-BUILT"

65

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

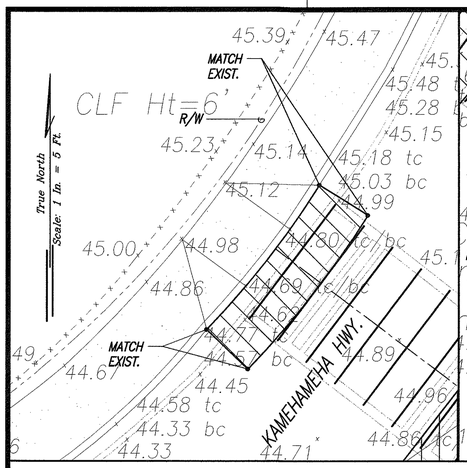
GRAPHIC SCALE
1" = 10'
10' 5' 0 10' 20'

SITE PLAN – KAMEHAMEHA HWY. & CENTER DR.
INTERS. ID NO. 121787
SCALE: 1"= 10'

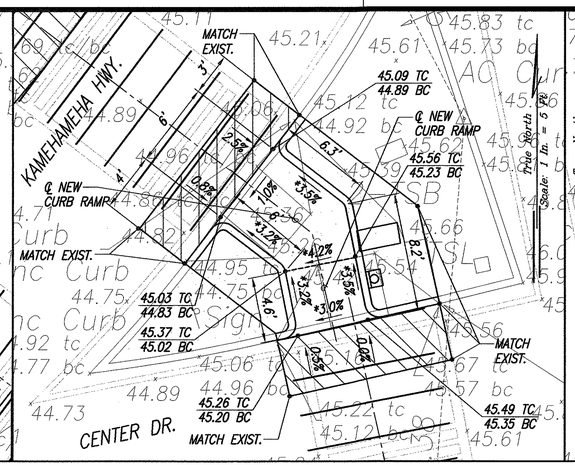
DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-064 Plot date: Aug 20, 2004-09:34:57am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kam Hwy-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	66	163

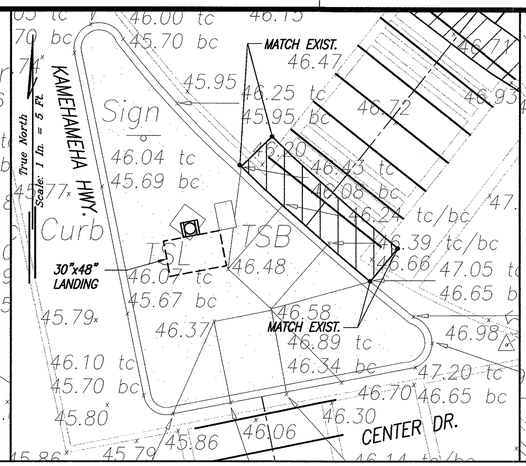


RAMP "1"
SCALE: 1"= 5'

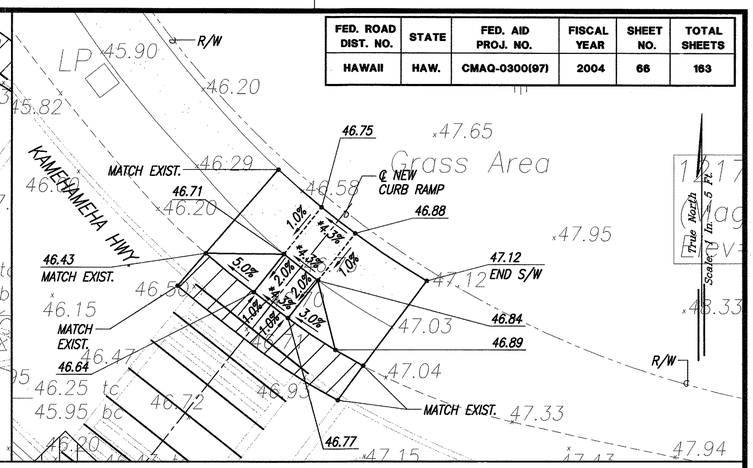


RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "6 & 7"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "8 & 9"
SCALE: 1"= 5'

LEGEND

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

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

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

GRADING PLAN – KAMEHAMEHA HWY. & CENTER DR.
INTERS. ID NO. 121787
SCALE: 1"= 5'

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama — APRIL 30, 2006
SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAMEHAMEHA HWY. & CENTER DR.

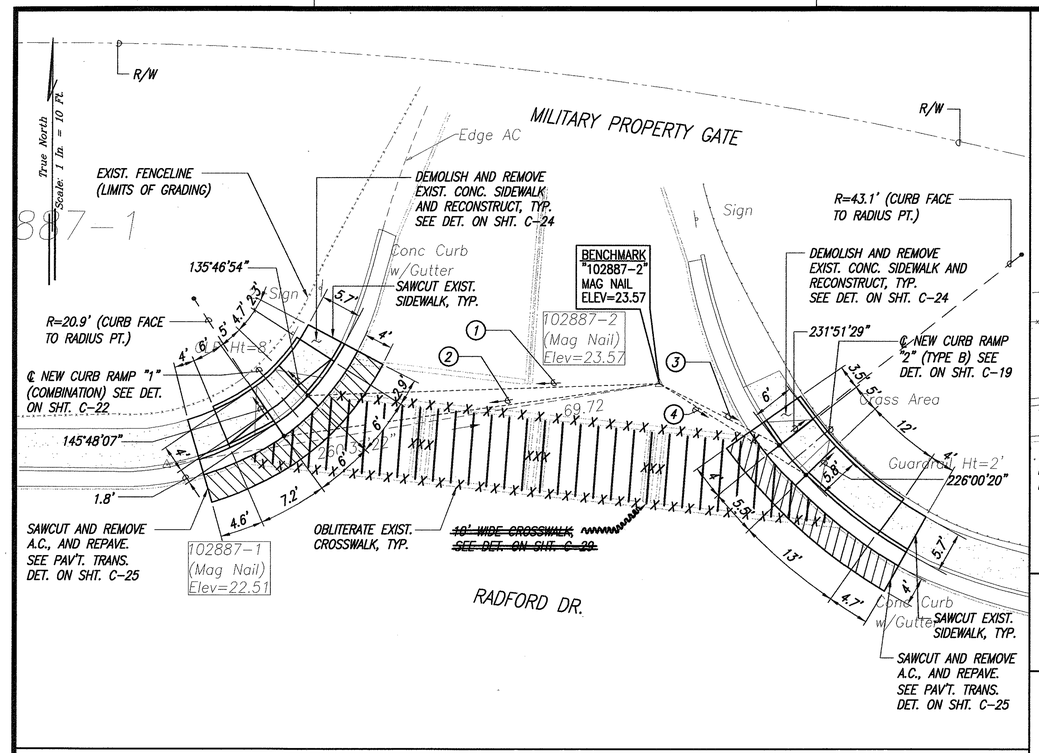
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

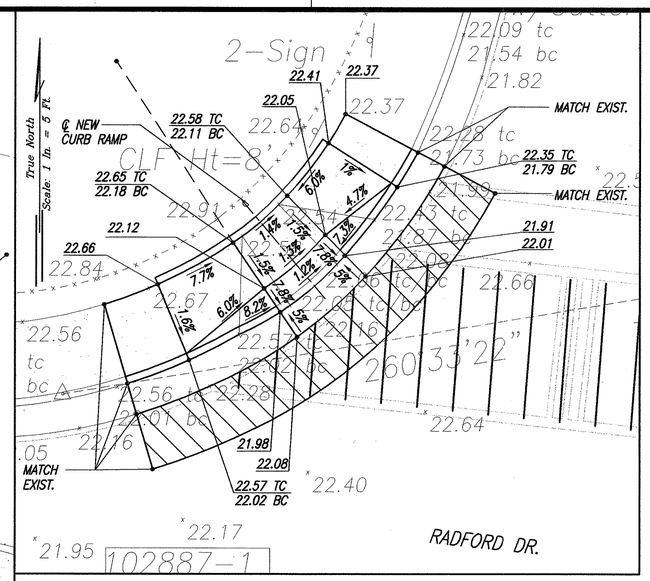
SHEET No. C-65 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-065 Plot date: Aug 20, 2004-09:35:19am CAD User: mkamihara. Xref

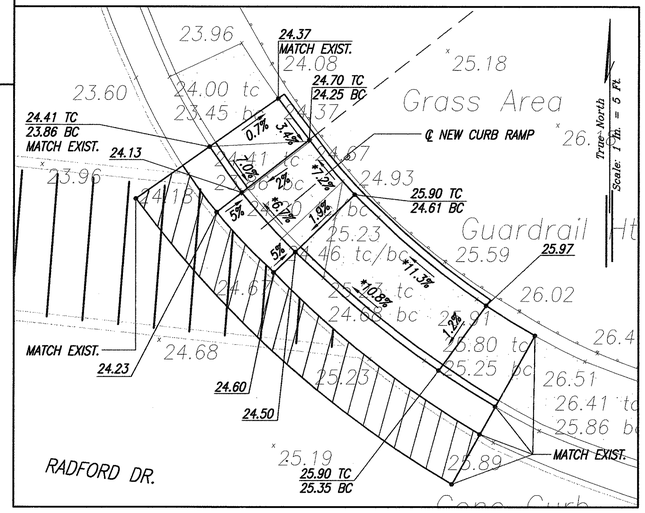
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	67	163



SITE PLAN – RADFORD DRIVE & MILITARY PROPERTY GATE
INTERS. ID NO. 102887
SCALE: 1"= 10'



RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

(1) 88°00'08" 49.12'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 81°56'35" 52.95'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 297°10'47" 18.86'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 301°53'32" 24.17'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

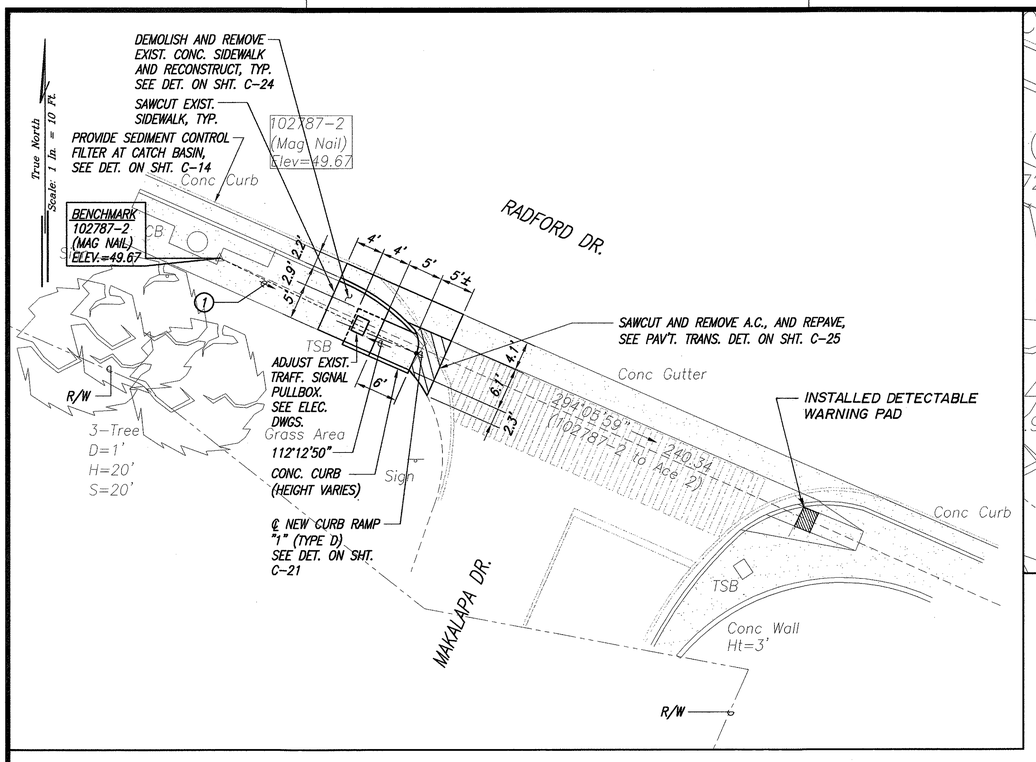
SITE & GRADING PLAN
RADFORD DR. & MILITARY PROPERTY GATE
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

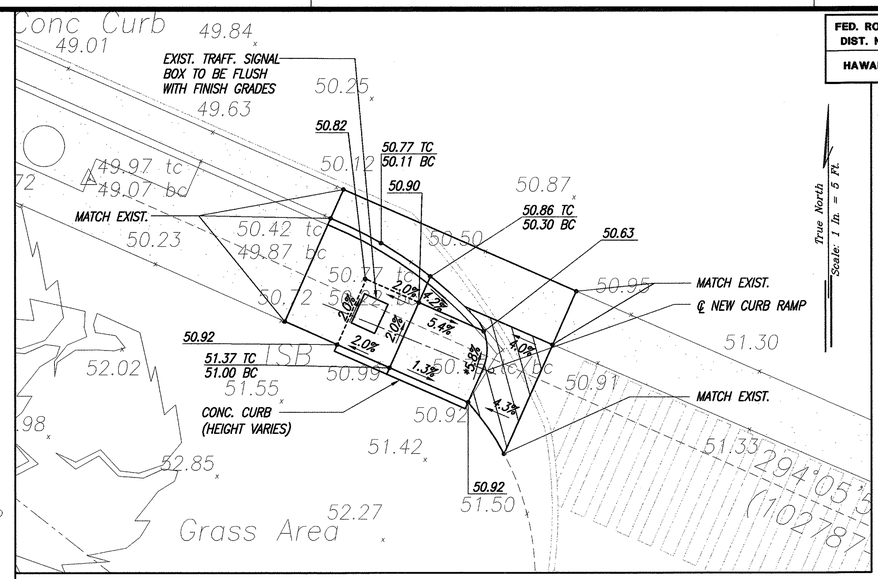
Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-66 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-066 Plot date: Aug 20, 2004-09:35:38am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Radford |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	68	163





RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – RADFORD DR. & MAKALAPA DR.
INTERS. ID NO. 102787
SCALE: 1"= 10'

LEGEND

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

① 295°49'56" 30.52'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — DATE APRIL 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
RADFORD DR. & MAKALAPA DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-67 OF 122 SHEETS

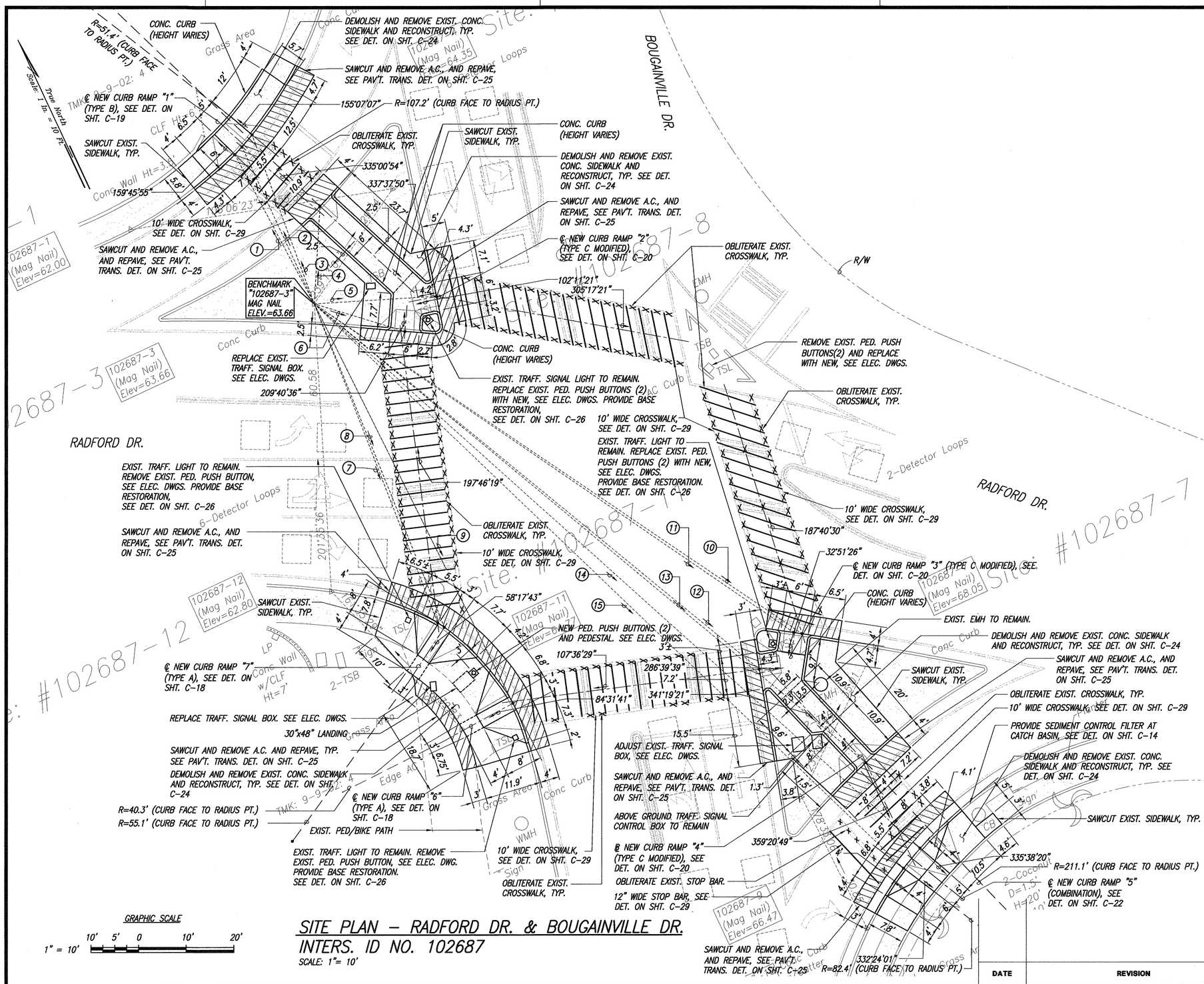
DATE	REVISION

"AS-BUILT"

68

Xref Filename: | Z-BORD | AUTODATE | Radford |
CAD User: mkamihara Xref Filename: C-067 Plot date: Aug 20, 2004-09:35:55am
Plot By: I:\W0A\6623-04 Curb Ramps\

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	69	163



*FOR ADDITIONAL DIMENSIONS, SEE GRADING PLAN.

(1) 117°02'00" 35.53'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 180°18'22" 36.30'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 180°50'50" 37.83'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 208°20'58" 20.53'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(5) 291°28'25" 25.67'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(6) 311°57'33" 19.87'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(7) 03°52'57" 71.92'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(8) 03°07'57" 73.32'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(9) 358°36'53" 93.55'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(10) 329°11'25" 123.66'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(11) 329°32'35" 122.09'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(12) 334°29'45" 120.95'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(13) 334°29'45" 120.95'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(14) 337°02'28" 171.08'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(15) 338°51'48" 171.41'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

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 PLAN

RADFORD DR. & BOUGAINVILLE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-68 OF 122 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DATA INPUT BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

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

SITE PLAN – RADFORD DR. & BOUGAINVILLE DR.
INTERS. ID NO. 102687
SCALE: 1"= 10'

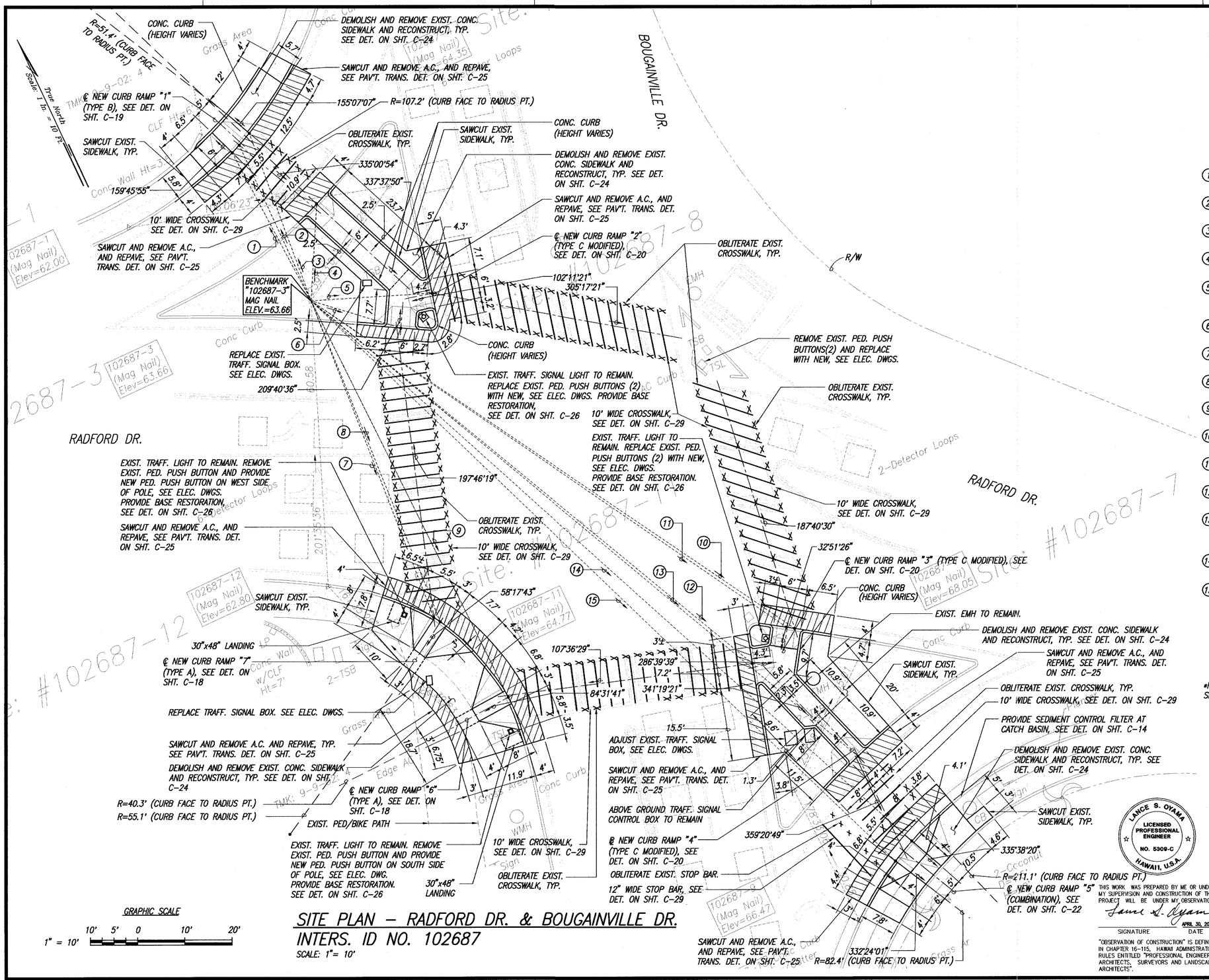
DATE	REVISION

"AS-BUILT"

69

Path: L:\WOA\6823-04 Curb Ramps\ Filename: C-068 Plot date: Aug 20, 2004-09:36:14am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Radford |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 69 S-1	163



GRAPHIC SCALE

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

SITE PLAN – RADFORD DR. & BOUGAINVILLE DR. INTERS. ID NO. 102687

SCALE: 1"= 10'

(1) 117°02'00" 35.53'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 180°18'22" 36.30'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 180°50'50" 37.83'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 208°20'58" 20.53'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(5) 291°28'25" 25.67'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(6) 311°57'33" 19.87'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(7) 03°52'57" 71.92'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(8) 03°07'57" 73.32'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(9) 358°36'53" 93.55'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(10) 329°11'25" 123.66'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(11) 329°32'35" 122.09'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(12) 334°29'45" 120.95'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(13) 334°29'45" 120.95'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(14) 337°02'28" 171.08'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(15) 338°51'48" 171.41'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

*FOR ADDITIONAL DIMENSIONS, SEE GRADING PLAN.

DATE	REVISION
12/03/04	Curb Ramp No.7. Removed New Ped. Push Button, Pedestal and Landing, Added New Landings at Exist. Traff. Light Poles and New Ped. Push Buttons for Each.

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

SIGNATURE

APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN

RADFORD DR. & BOUGAINVILLE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

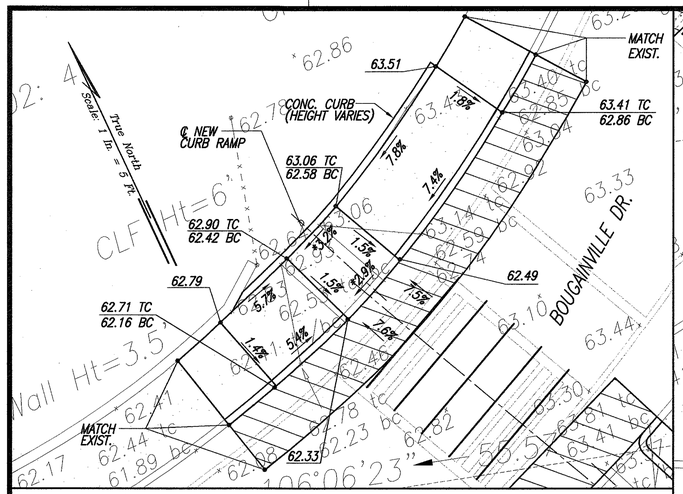
SHEET No. C-68 OF 122 SHEETS

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

C.O. 69 S-1

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: ADD69 Plot date: Dec 29, 2004-06:59:08am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Radford |

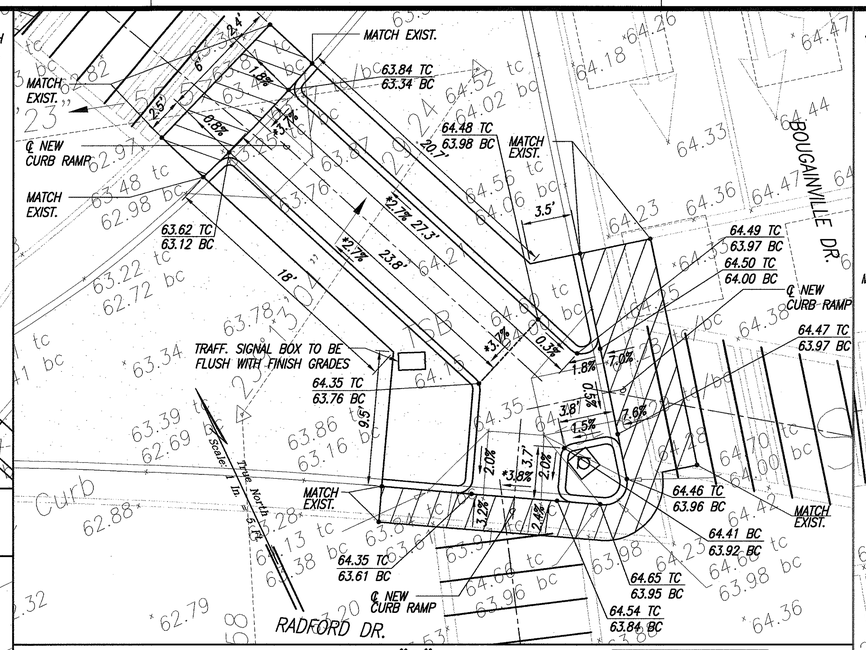
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	70	163



RAMP "1"

SCALE: 1"= 5'

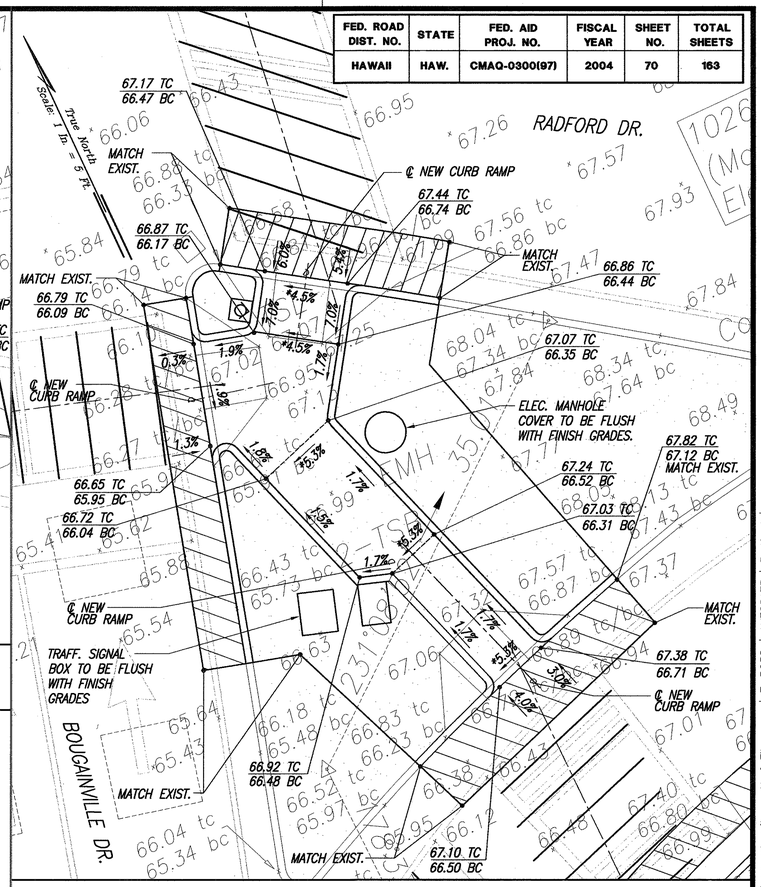
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"

SCALE: 1"= 5'

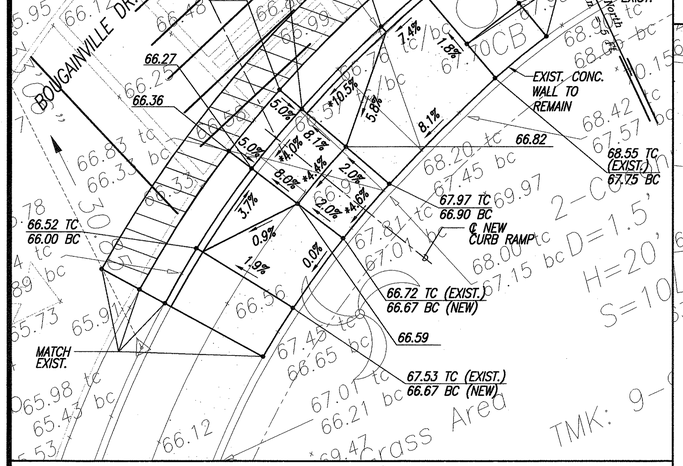
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMPS "3 & 4"

SCALE: 1"= 5'

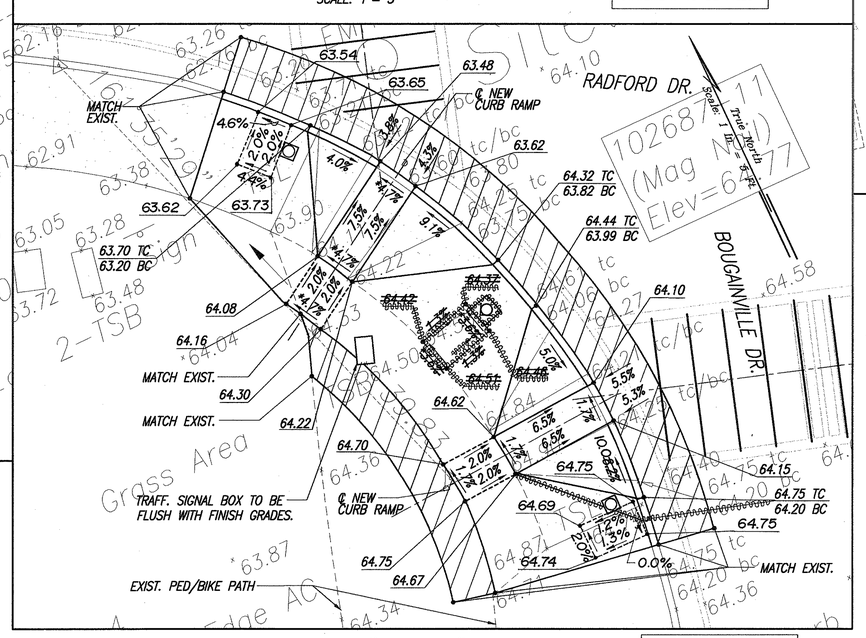
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "5"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMPS "6 & 7"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

- x 51.50 TC — EXIST. SPOT ELEVATION
- 52.58 — FINISHED SPOT ELEVATION
- 51.00 BC — FINISHED TOP OF CURB
- FINISHED BOTTOM OF CURB

GRAPHIC SCALE

1" = 5' — 5' 0 5' 10'

GRADING PLAN–RADFORD DR. & BOUGAINVILLE DR. INTERS. ID NO. 102687

SCALE: 1"= 5'

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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DATE	REVISION
12/03/04	Curb Ramp No.7. Removed New Ped. Push Button, Pedestal and Landing. Added New Landings at Exist. Traff. Light Poles and New Ped.Push Buttons for Each.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
RADFORD DR. & BOUGAINVILLE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

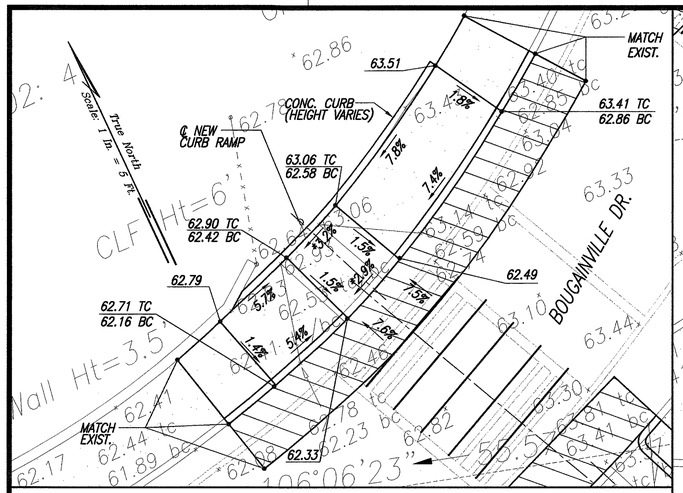
Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-69 OF 122 SHEETS

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

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-069 Plot date: Aug 20, 2004-09:36:34am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Radford |

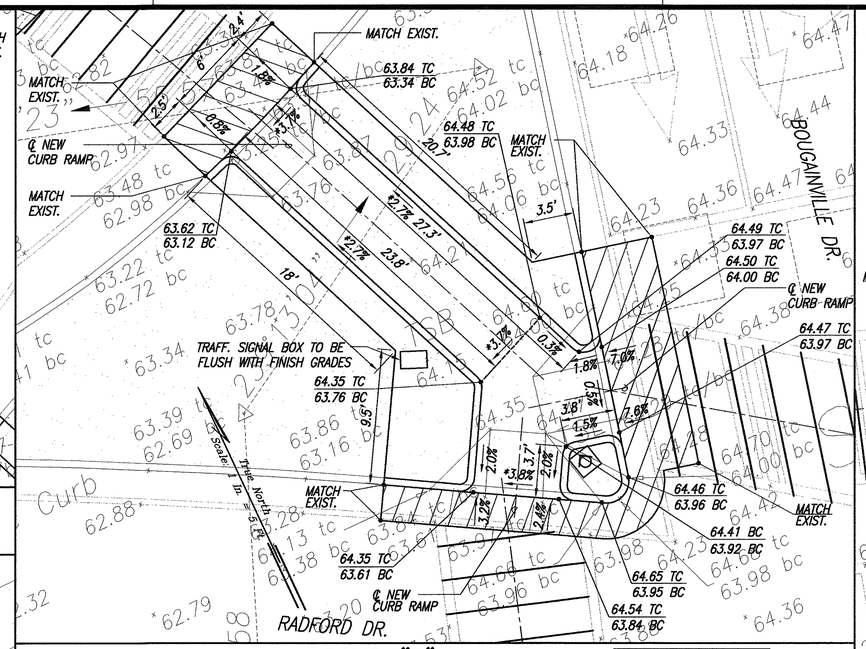
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 70 S-1	163



RAMP "1"

SCALE: 1"= 5'

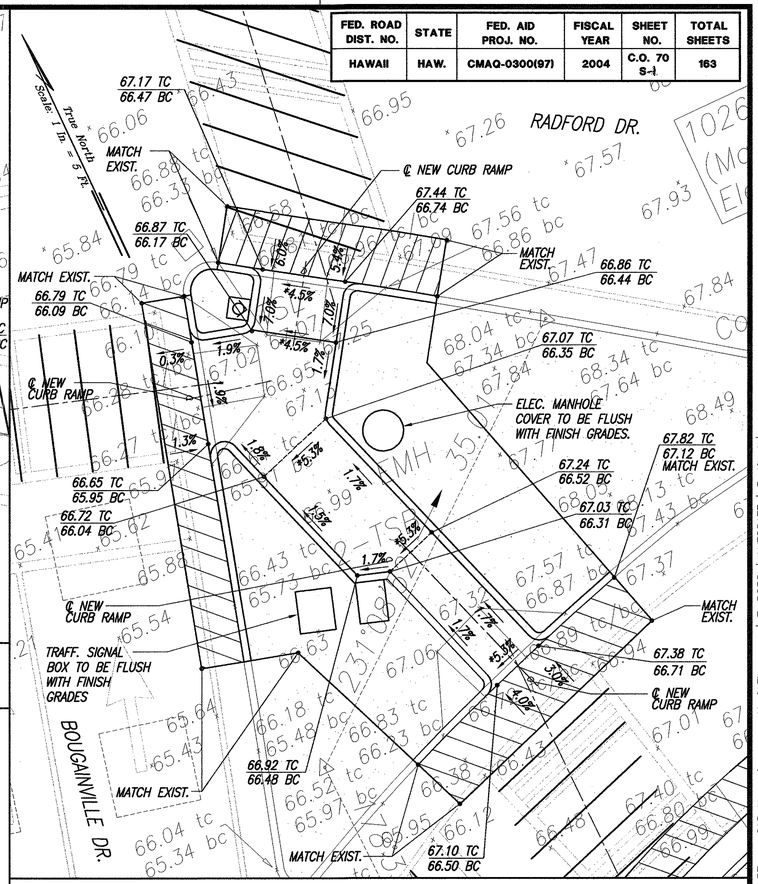
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"

SCALE: 1"= 5'

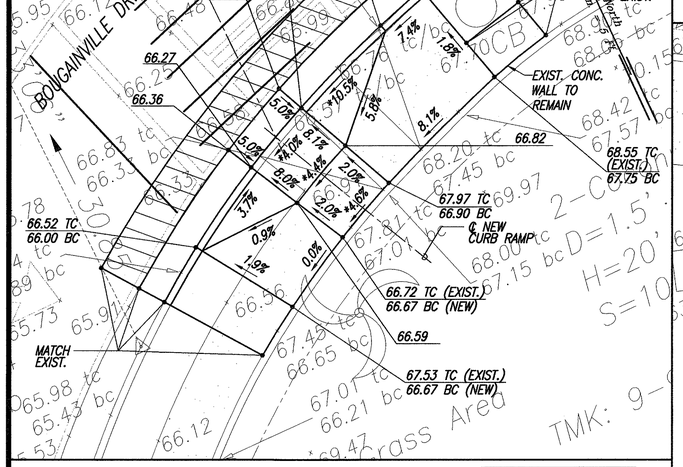
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMPS "3 & 4"

SCALE: 1"= 5'

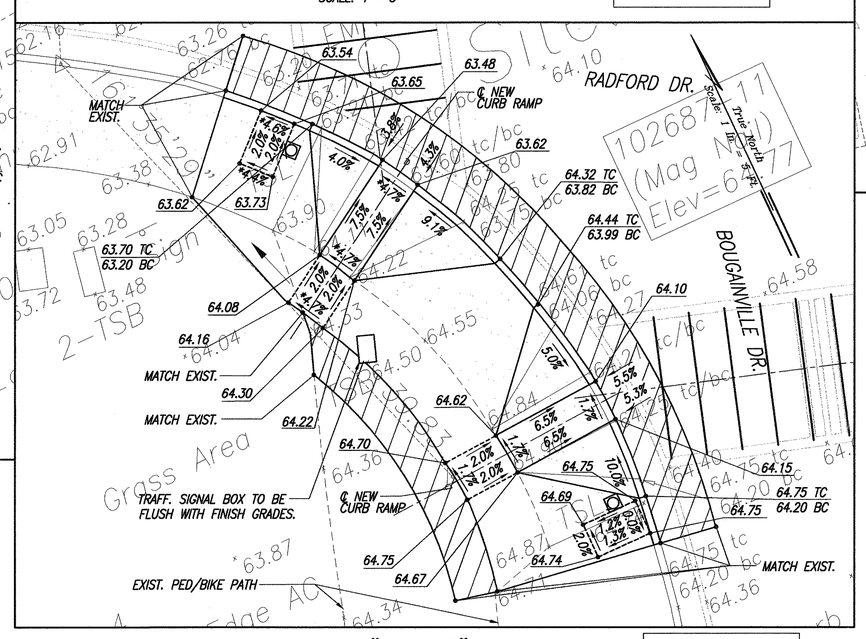
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "5"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMPS "6 & 7"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRADING PLAN–RADFORD DR. & BOUGAINVILLE DR. INTERS. ID NO. 102687

SCALE: 1"= 5'

LEGEND

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

GRAPHIC SCALE

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

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

DATE	REVISION
12/03/04	Curb Ramp No.7. Removed New Ped. Push Button, Pedestal and Landing, Added New Landings at Exist. Traff. Light Poles and New Ped. Push Buttons for Each.

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE

APRIL 30, 2005
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
RADFORD DR. & BOUGAINVILLE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

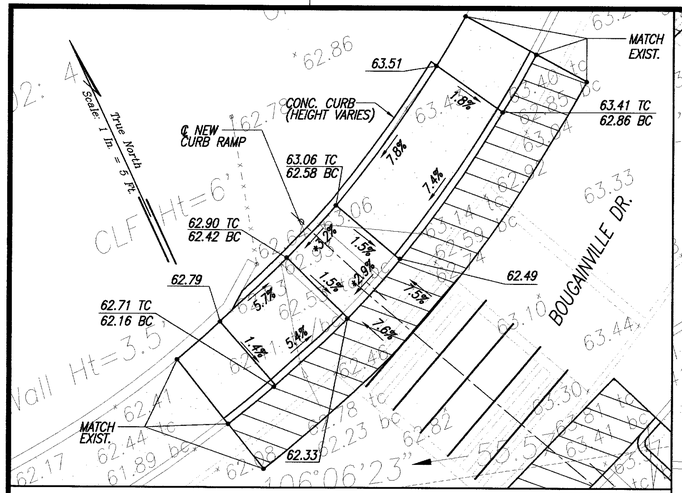
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-69 OF 122 SHEETS

"AS-BUILT" C.O. 70 S-1

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: C0-70 Plot date: Dec 30, 2004-01:42:57pm CAD User: framoran. Xref Filename: | Z-BORD | AUTODATE | Radford |

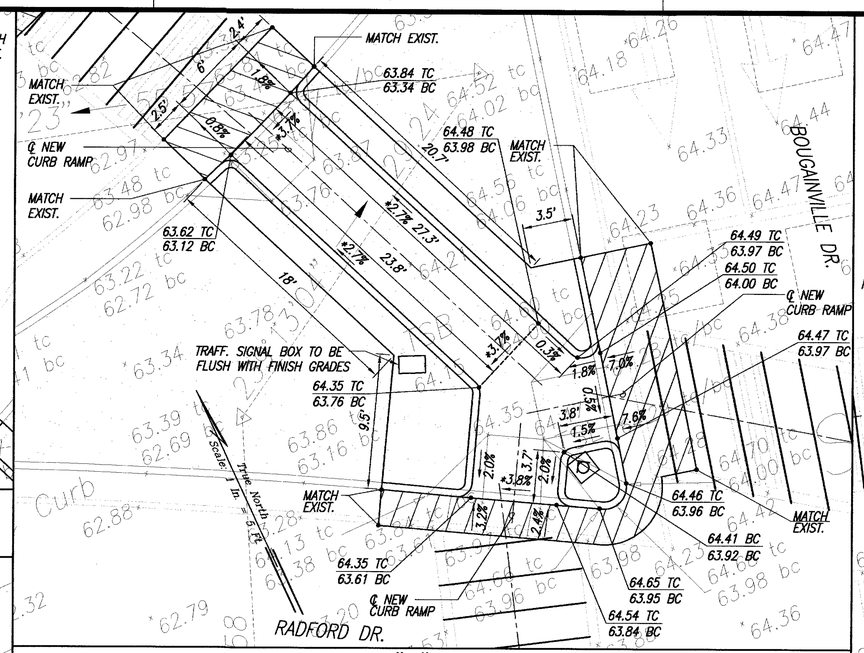
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 70 S-2	163



RAMP "1"

SCALE: 1"= 5'

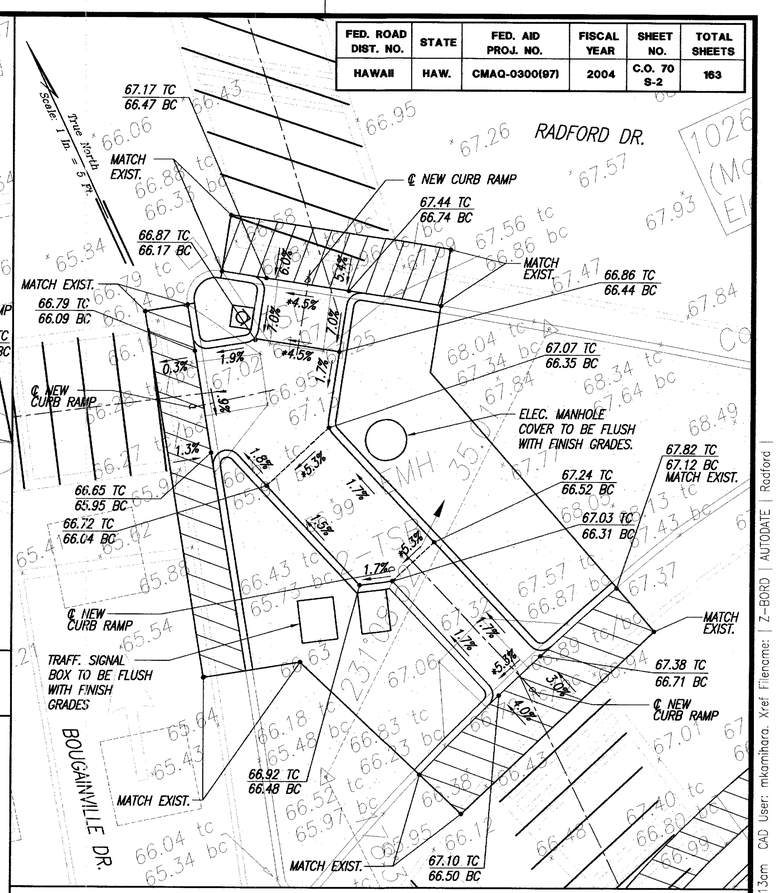
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"

SCALE: 1"= 5'

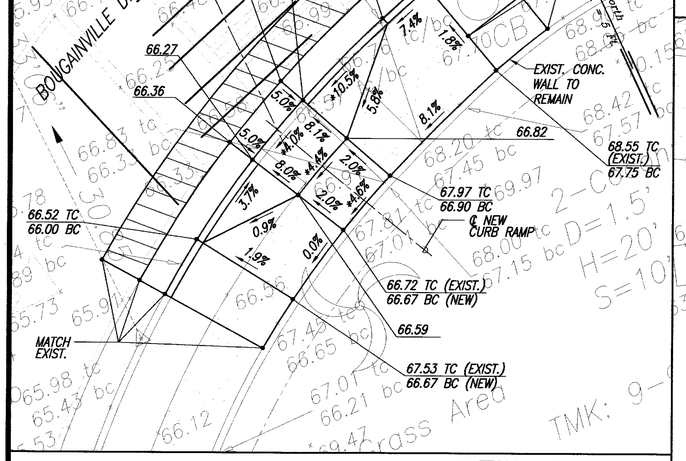
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMPS "3 & 4"

SCALE: 1"= 5'

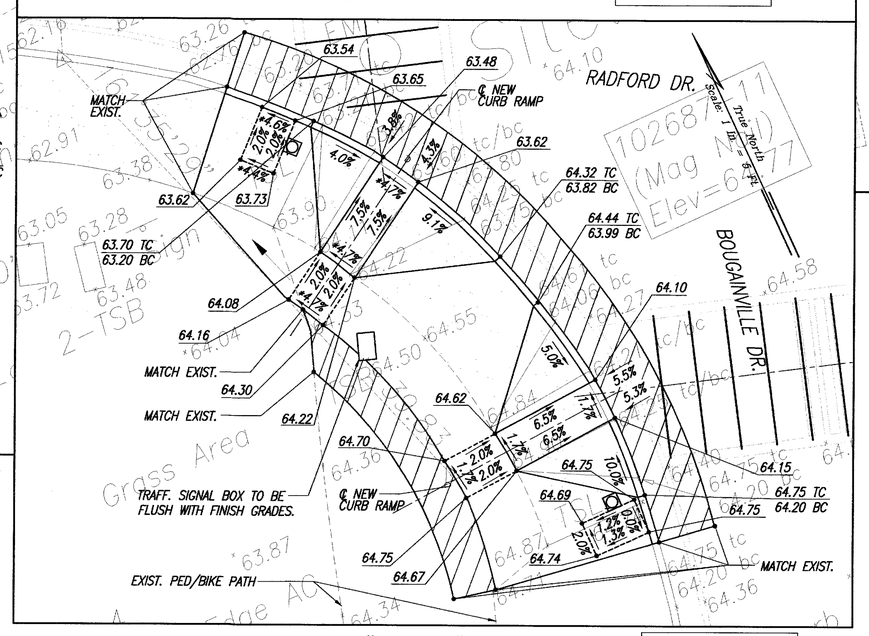
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "5"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMPS "6 & 7"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

GRAPHIC SCALE

1" = 5' (5' 0 5' 10')

GRADING PLAN–RADFORD DR. & BOUGAINVILLE DR.
INTERS. ID NO. 102687

SCALE: 1"= 5'

ORIGINAL PLAN BY | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE

NOTE BOOK | No.

DATE	REVISION
12/03/04	Curb Ramp No.7. Removed New Ped. Push Button, Pedestal and Landing, Added New Landings at Exist. Traff. Light Poles and New Ped. Push Buttons for Each.

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
RADFORD DR. & BOUGAINVILLE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

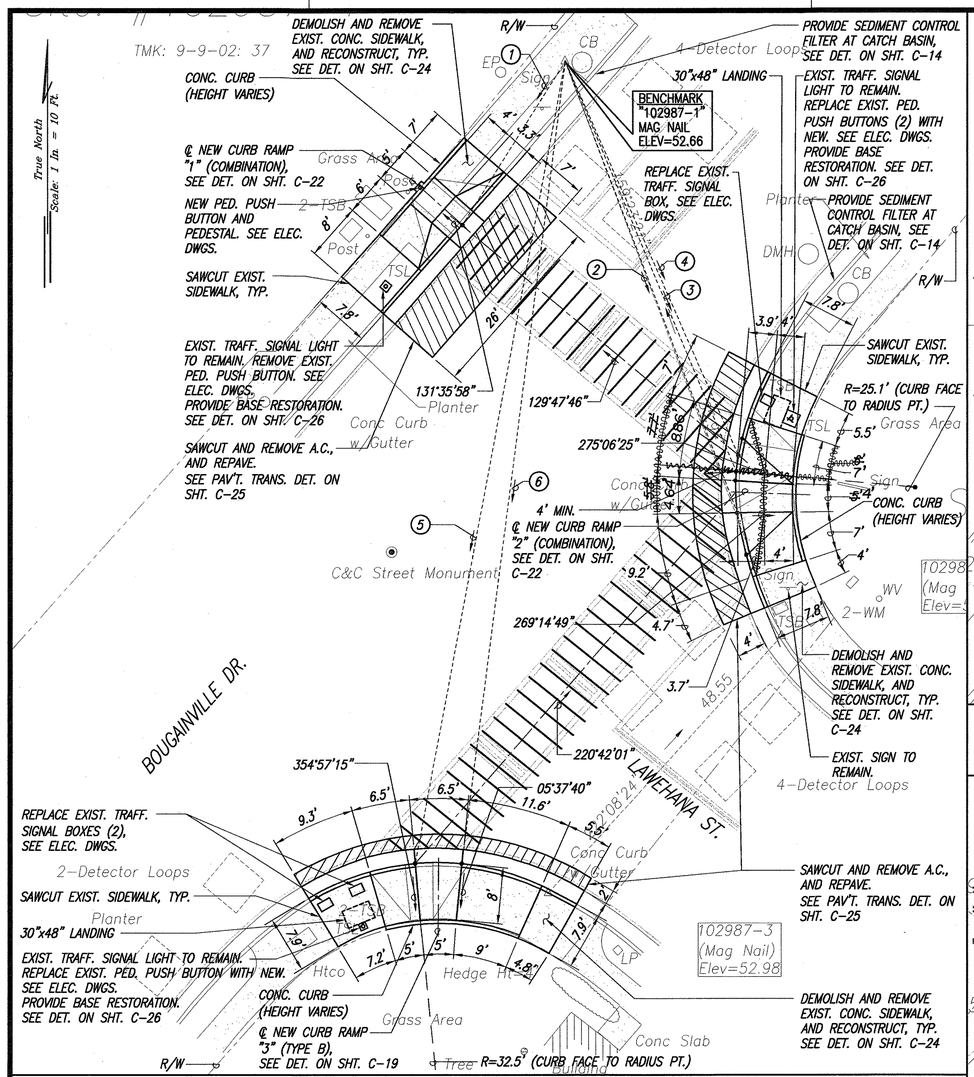
Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-69 OF 122 SHEETS

C.O. 70 S-2

Path: L:\WOA\5623-04 Curb Ramps\Change Order\ Filename: ADD70 Plot date: Dec 29, 2004 - 08:39:13am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Radford |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	71	163



SITE PLAN – BOUGAINVILLE DR. & LAWEHANA ST.
INTERS. ID NO. 102987
SCALE: 1"= 10'

LEGEND

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

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

(1) 32°06'04" 27.02'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

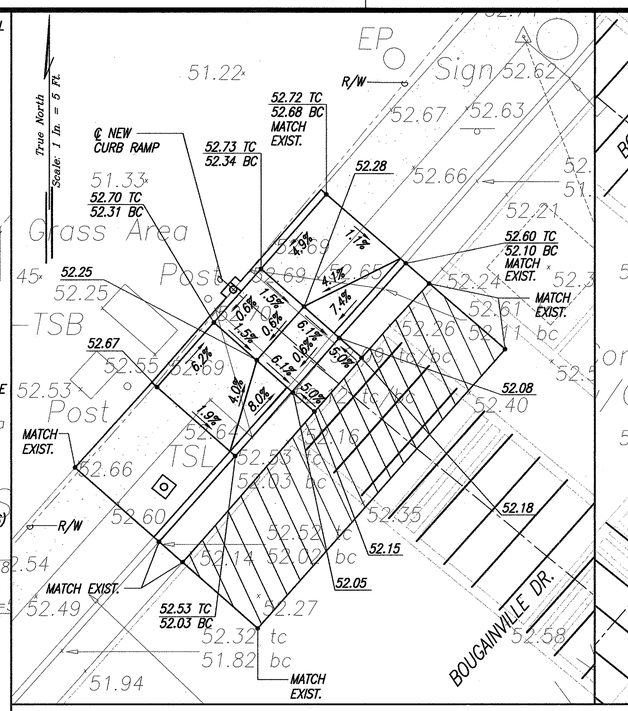
(2) 339°10'41" 67.63'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 337°24'42" 62.19'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 336°18'20" 60.24'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

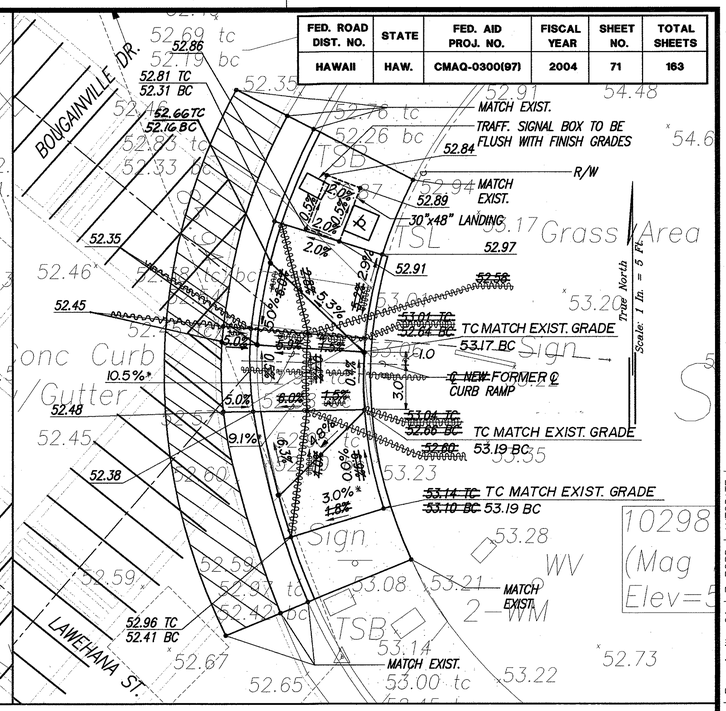
(5) 10°33'11" 114.24'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE AND ℄ CROSSWALK

(6) 07°19'01" 113.24'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

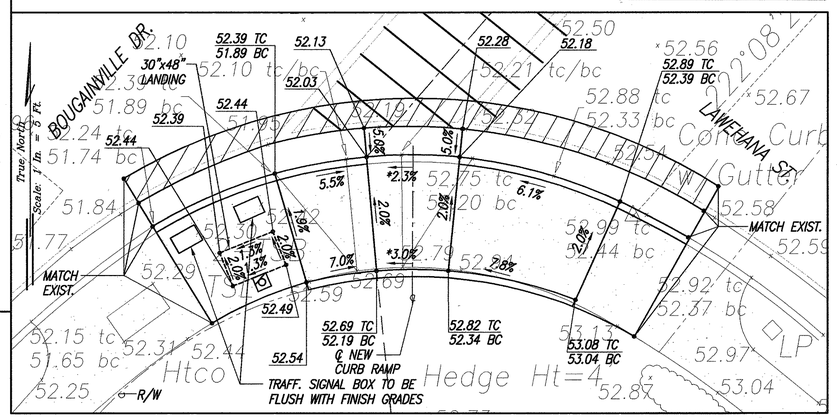


RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama — 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 & GRADING PLAN
BOUGAINVILLE DR. & LAWEHANA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET NO. C-70 OF 122 SHEETS

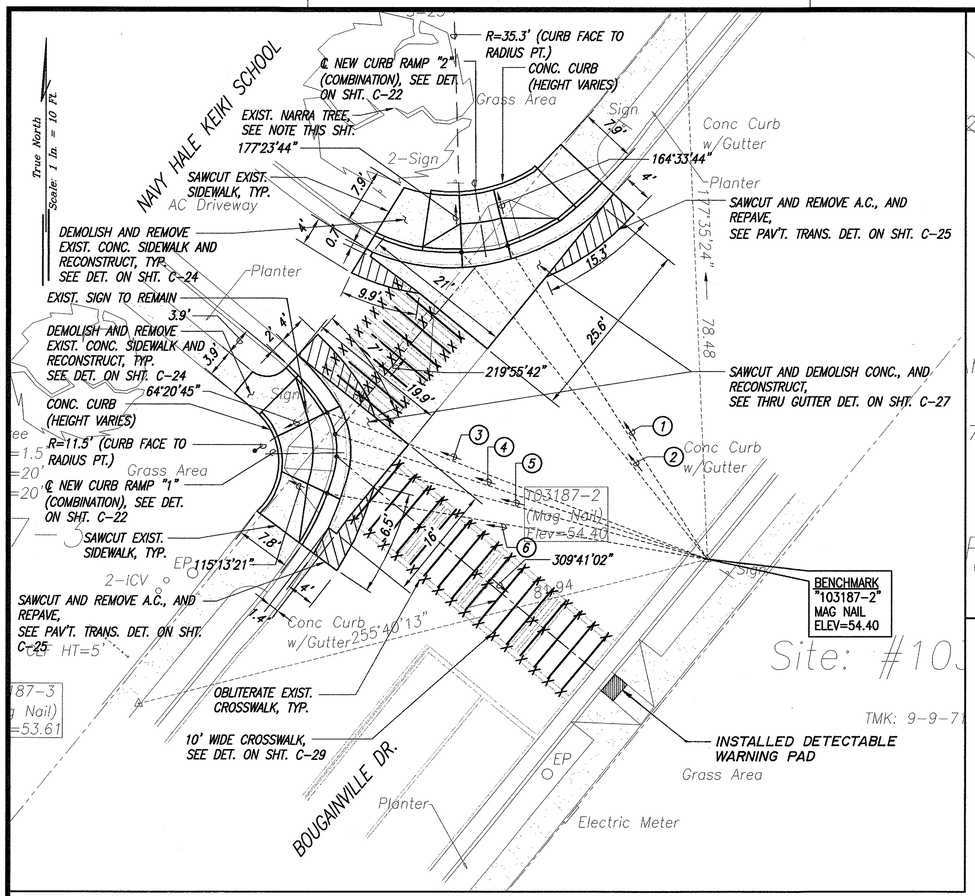
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

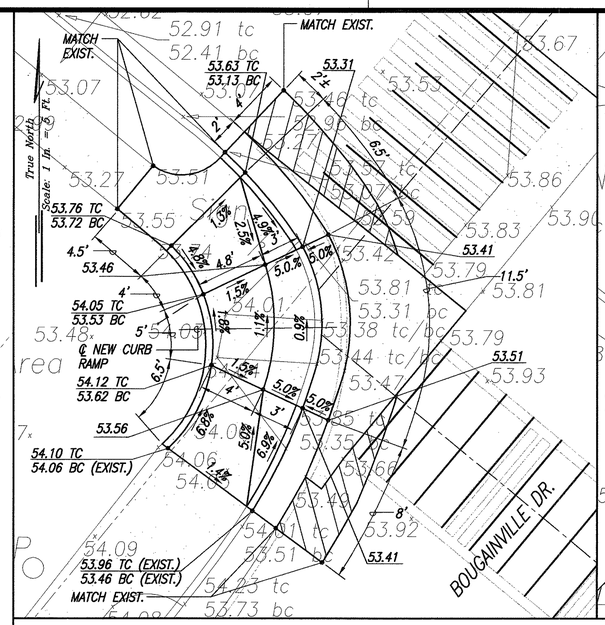
DATE	REVISION

"AS-BUILT"

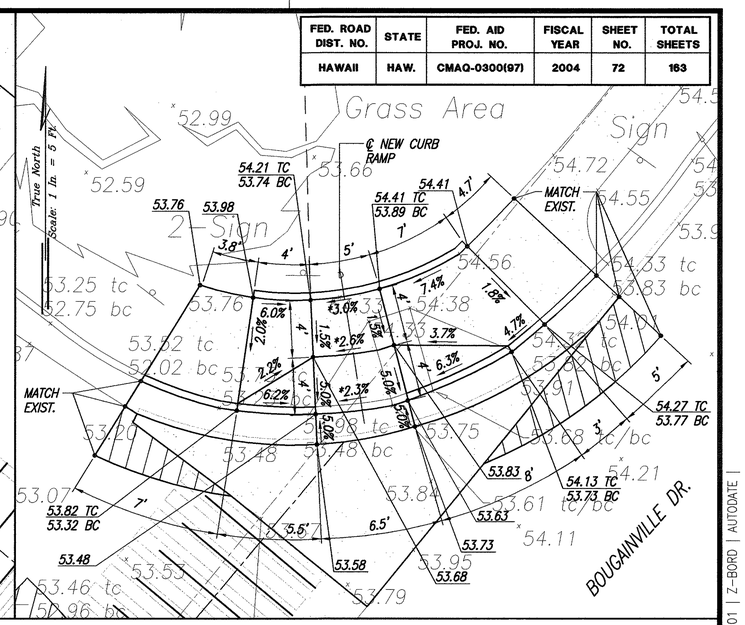
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-070 Plot date: Aug 20, 2004-09:36:50am CAD User: mkamihara. Xref Filename: | Bougainville-01 | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	72	163





RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – BOUGAINVILLE DR. & NAVY HALE KEIKI SCHOOL
INTERS. ID NO. 103187
SCALE: 1"= 10'

LEGEND

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

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

(1) 147°30'08" 52.01'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 141°18'33" 54.99'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 111°05'31" 56.96'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 108°33'28" 51.92'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(5) 105°27'12" 53.76'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 99°49'17" 53.91'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

NOTE:
CONTRACTOR TO CONTACT THE ARBORIST 2 WEEKS PRIOR TO DEMOLITION WORK.

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

Lance S. Oyama
SIGNATURE

APRIL 30, 2006
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
BOUGAINVILLE DR. & NAVY HALE KEIKI SCHOOL

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-71 OF 122 SHEETS

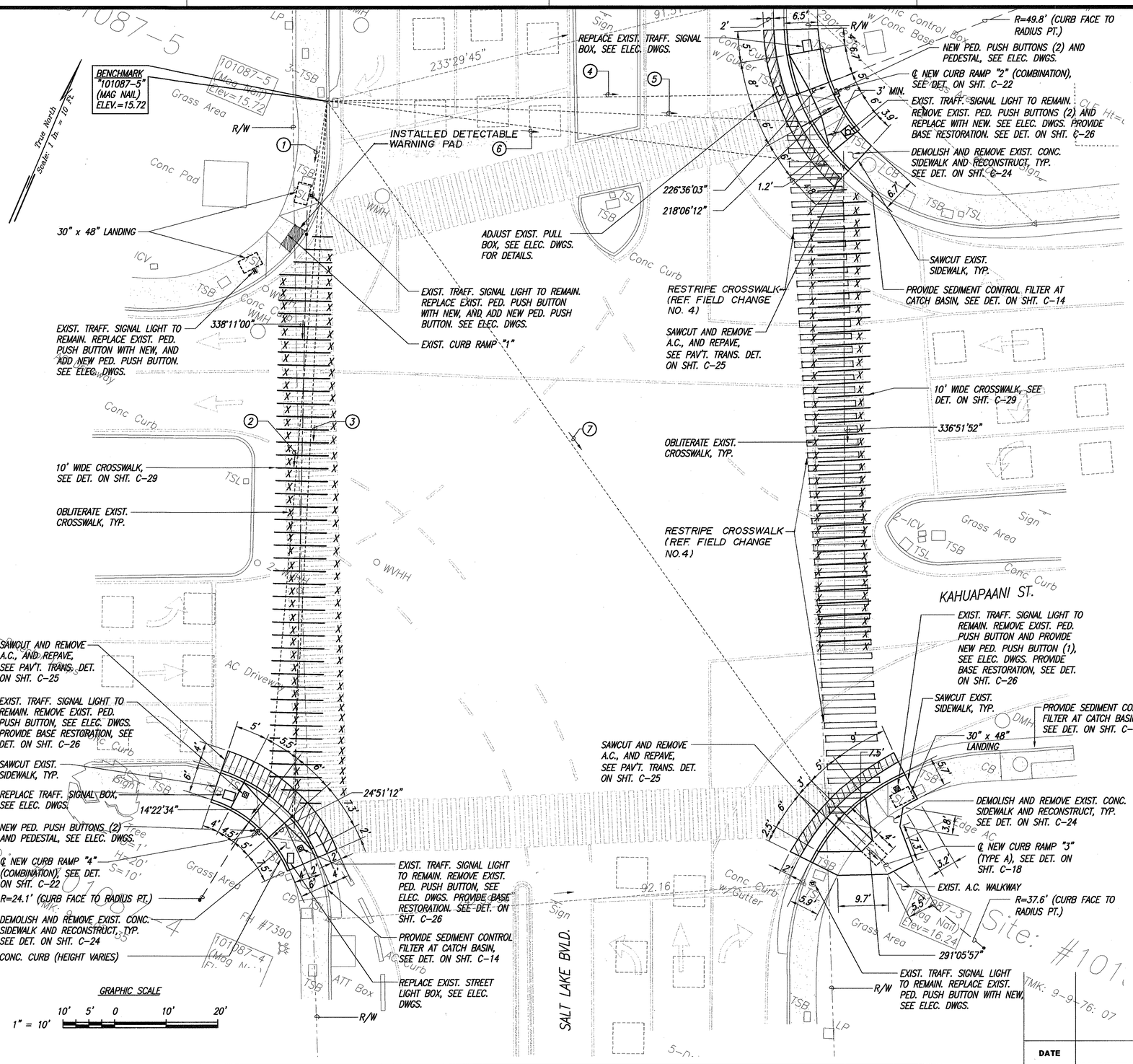
DATE	REVISION

"AS-BUILT"

72

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-071 Plot date: Aug 20, 2004-09:37:06am CAD User: mkamihara. Xref Filename: | Bougainville-01 | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	73	163



(1) 345°42'47" 26.13'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(2) 341°45'13" 135.28'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 339°47'23" 139.04'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 246°14'21" 91.05
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 249°34'42" 93.62'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(6) 254°19'33" 100.86'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(7) 301°35'26" 171.19'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB EDGE

SITE PLAN – SALT LAKE BLVD & KAHUAPAANI ST.
INTERS. ID NO. 101087
SCALE: 1"= 10'

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

ORIGINAL PLAN | NOTE BOOK | No.

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
SALT LAKE BLVD. & KAHUAPAANI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

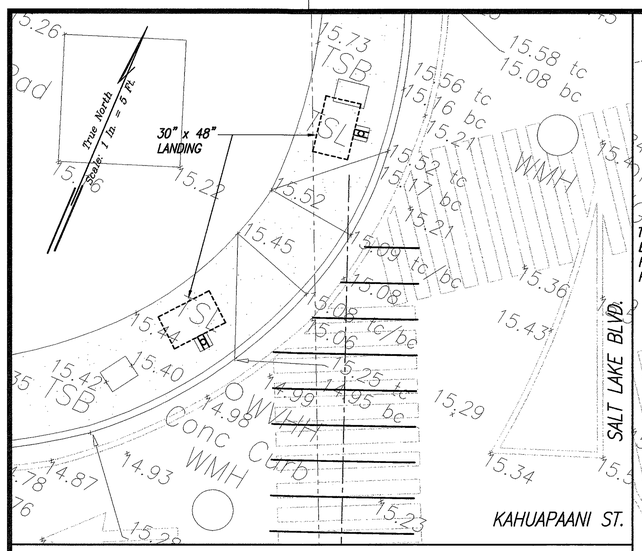
SHEET No. C-72 OF 122 SHEETS

DATE	REVISION

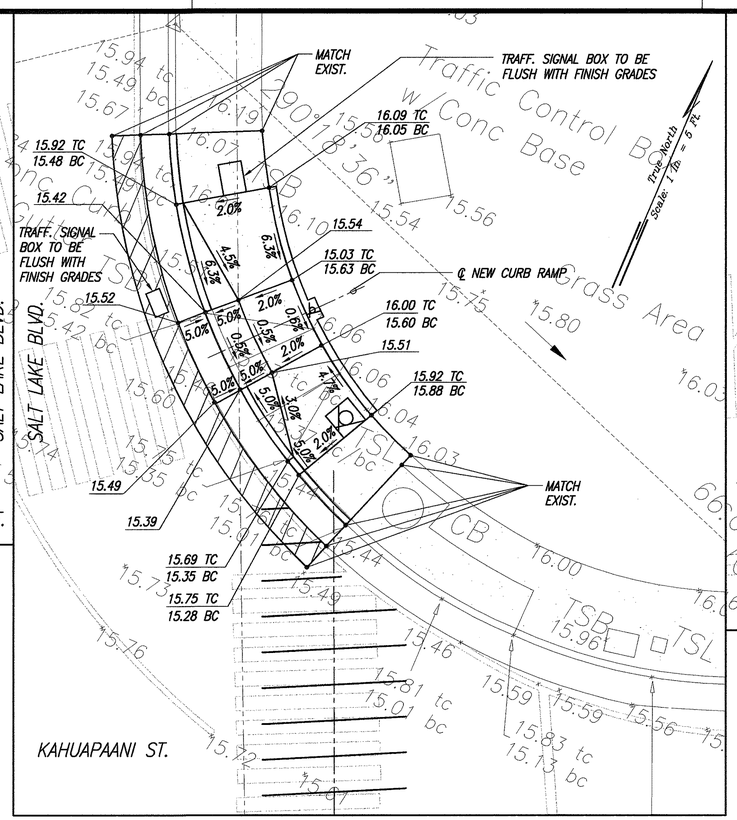
AS-BUILT

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-072 Plot date: Aug 20, 2004-09:37:21am CAD User: mkamiharo. Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

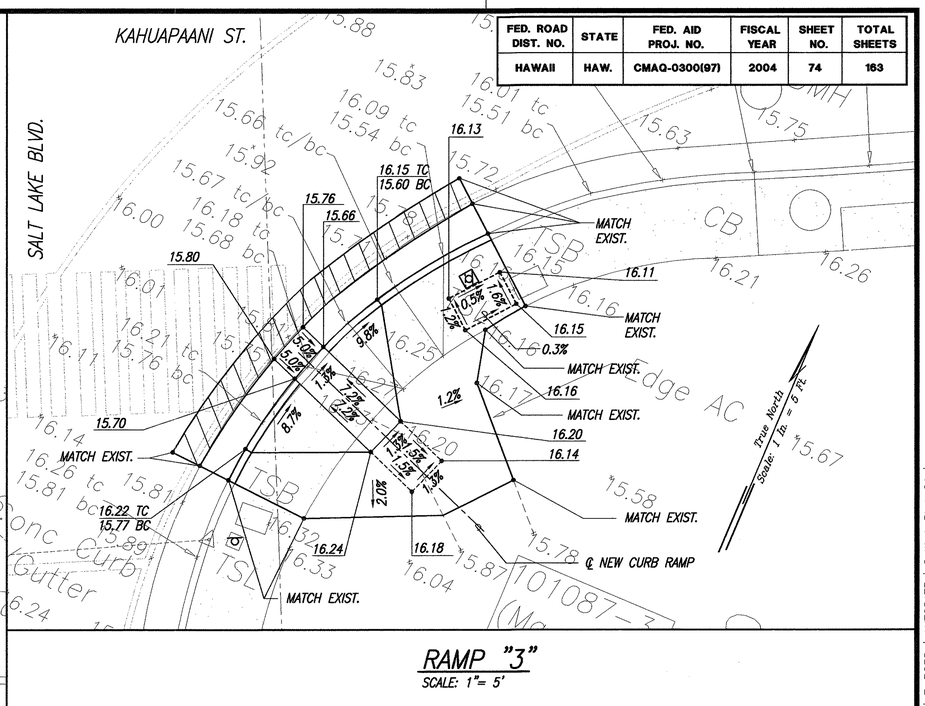
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	74	163



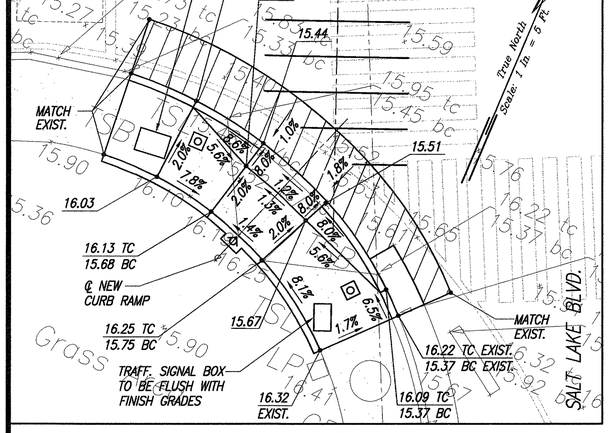
RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'

GRAPHIC SCALE
1" = 5' (5' 0 5' 10')

GRADING PLAN – SALT LAKE BLVD & KAHUAPAANI ST.
INTERS. ID NO. 101087
SCALE: 1"= 10'

DATE	REVISION

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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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

GRADING PLAN
SALT LAKE BLVD. & KAHUAPAANI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

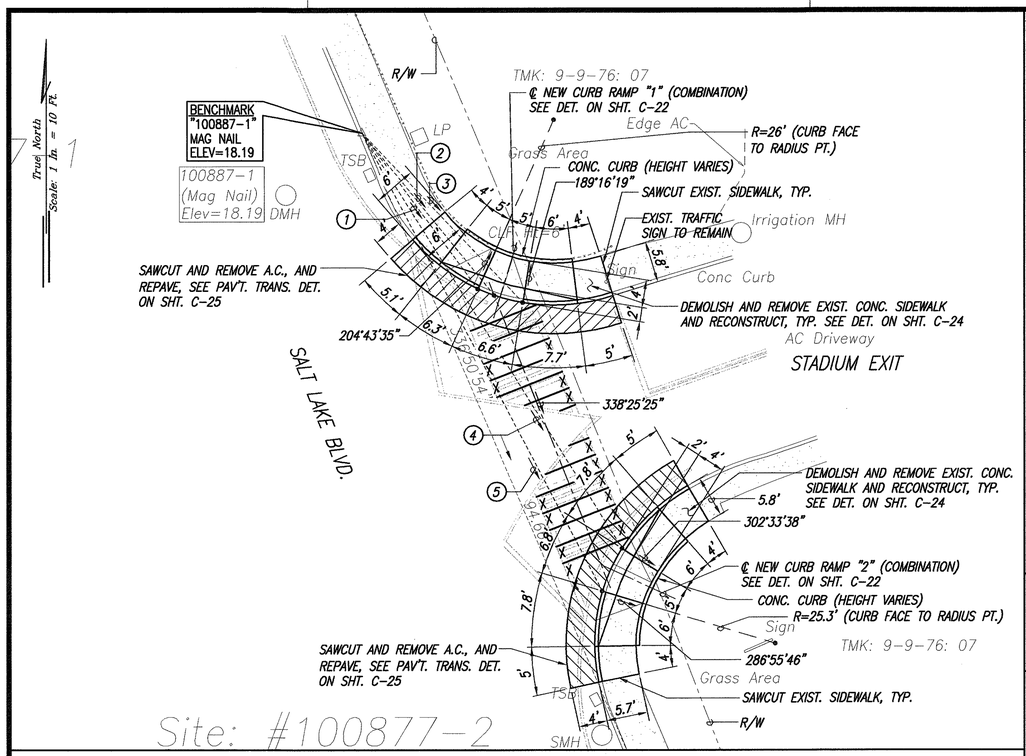
Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-73 OF 122 SHEETS

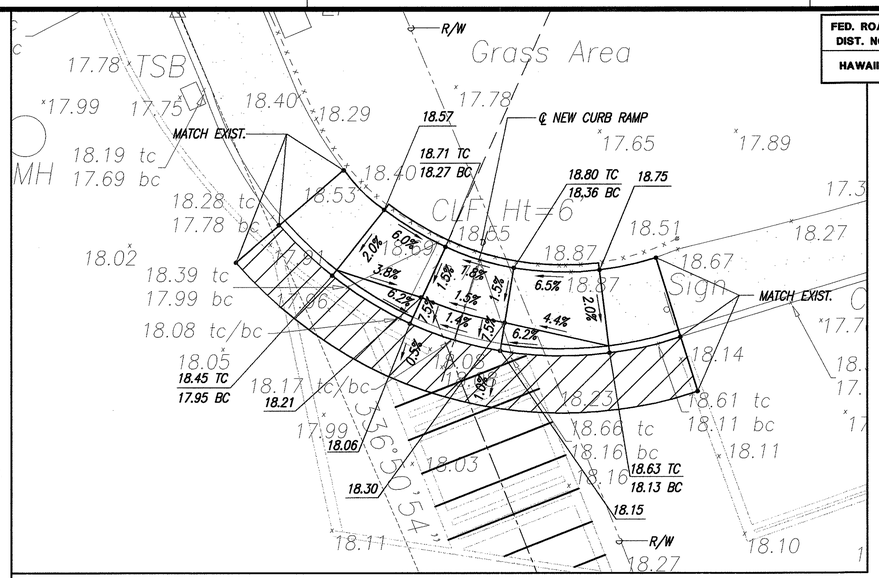
74

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-073 Plot date: Aug 20, 2004-09:37:38am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

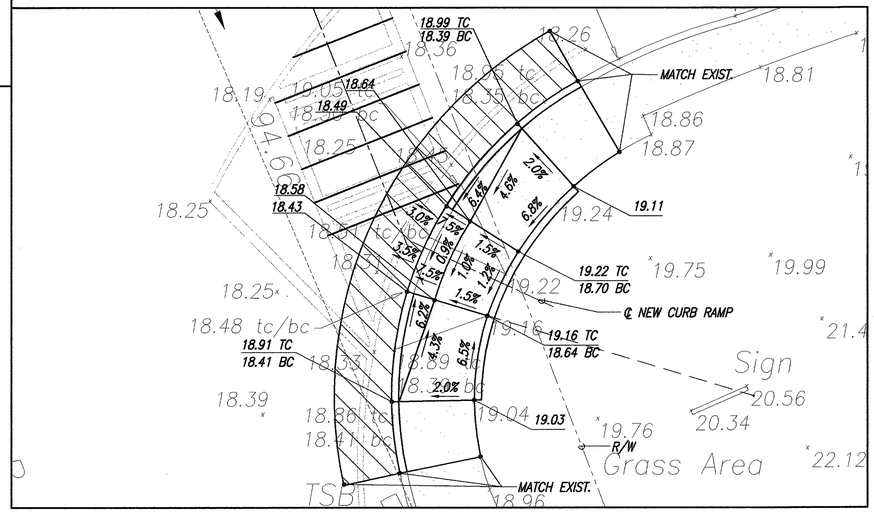
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	75	163



SITE PLAN – SALT LAKE BLVD. & STADIUM MALL EXIT
INTERS. ID NO. 100887
SCALE: 1"= 10'



RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

LEGEND

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

① 323°28'12" 27.15'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 320°54'40" 29.27'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

③ 316°34'22" 32.66'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 328°01'26" 66.55'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑤ 332°23'36" 72.37
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

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

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

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
SALT LAKE BLVD. & STADIUM MALL EXIT

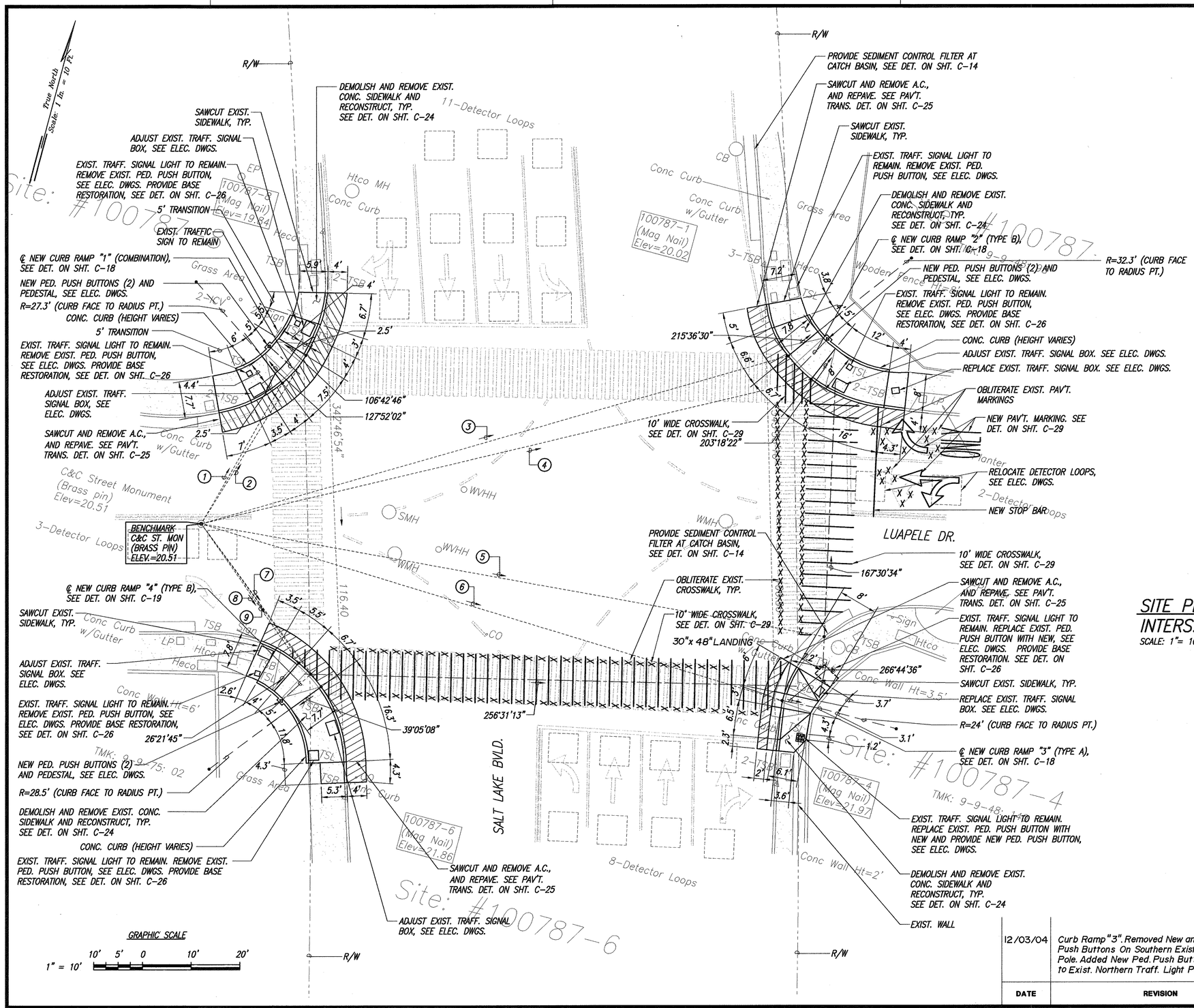
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-74 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-074 Plot date: Aug 20, 2004-09:37:59am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	76	163



1. 194°58'25" 33.36'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
2. 196°50'20" 40.73'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
3. 239°04'02" 125.08'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
4. 241°41'34" 128.43'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
5. 265°22'58" 129.79'
   TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE
6. 272°04'04" 124.55'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
7. 308°46'08" 41.58'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
8. 310°04'57" 34.94'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
9. 309°04'32" 38.23'
   TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

SITE PLAN – SALT LAKE BLVD & LUAPELE DR.
INTERS. ID NO. 100787
SCALE: 1"= 10'

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama — APRIL 30, 2006
SIGNATURE DATE

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

DATE	REVISION
12/03/04	Curb Ramp "3". Removed New and Exist. Ped. Push Buttons On Southern Exist. Traff. Light Pole. Added New Ped. Push Button and Landing to Exist. Northern Traff. Light Pole.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
SALT LAKE BLVD. & LUAPELE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

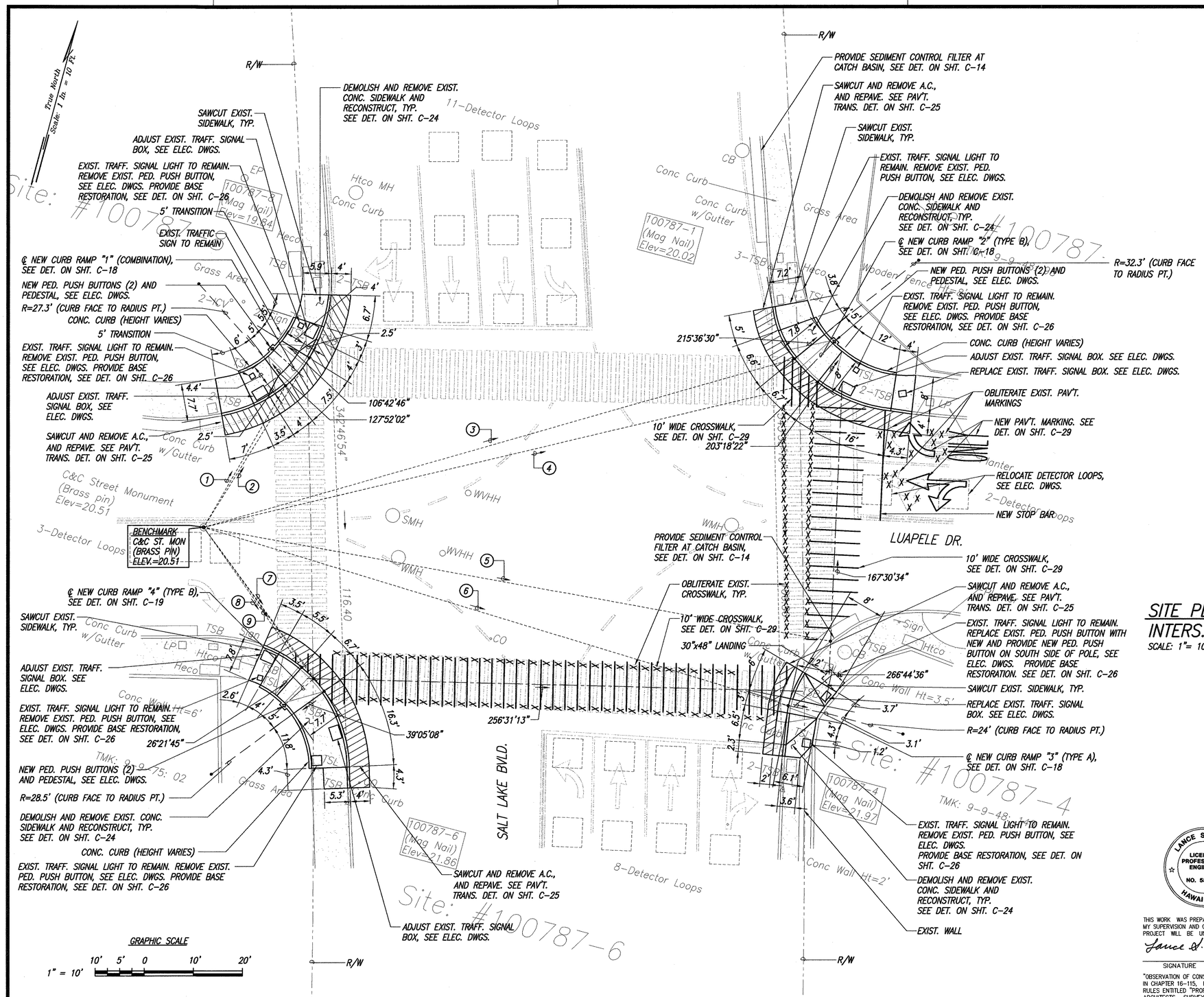
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-75 OF 122 SHEETS

76

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-075 Plot date: Aug 20, 2004-09:38:14am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 76 S-i	163



(1) 194°58'25" 33.36'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 196°50'20" 40.73'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 239°04'02" 125.08'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 241°41'34" 128.43'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 265°22'58" 129.79'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 272°04'04" 124.55'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(7) 308°46'08" 41.58'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 310°04'57" 34.94'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(9) 309°04'32" 38.23'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

SITE PLAN – SALT LAKE BLVD & LUAPELE DR.
INTERS. ID NO. 100787
SCALE: 1"= 10'

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

DATE	REVISION
12/03/04	Curb Ramp "3". Removed New and Exist. Ped. Push Buttons On Southern Exist. Traff. Light Pole. Added New Ped. Push Button and Landing to Exist. Northern Traff. Light Pole.

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE

APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
SALT LAKE BLVD. & LUAPELE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

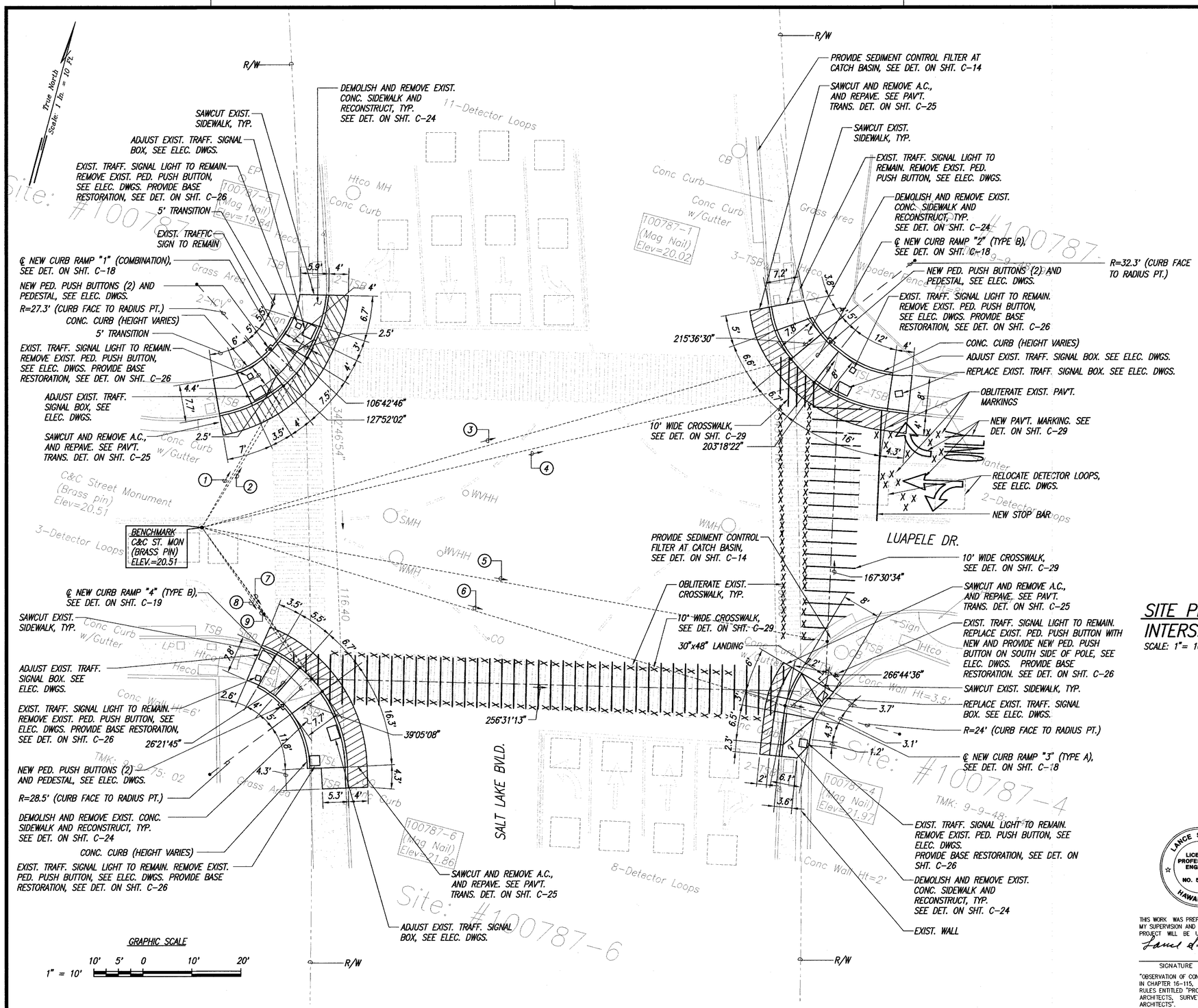
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-75 OF 122 SHEETS

"AS-BUILT" C.O. 76 S-1

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: CO-76 Plot date: Dec 30, 2004-01:43:55pm CAD User: framoran. Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 76 S-3	163



(1) 194°58'25" 33.36'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 196°50'20" 40.73'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 239°04'02" 125.08'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 241°41'34" 128.43'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 265°22'58" 129.79'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 272°04'04" 124.55'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(7) 308°46'08" 41.58'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 310°04'57" 34.94'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(9) 309°04'32" 38.23'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

SITE PLAN – SALT LAKE BLVD & LUAPELE DR.
INTERS. ID NO. 100787
SCALE: 1"= 10'

DATE	REVISION
12/03/04	Curb Ramp "3". Removed New and Exist. Ped. Push Buttons On Southern Exist. Traff. Light Pole. Added New Ped. Push Button and Landing to Exist. Northern Traff. Light Pole.

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
SALT LAKE BLVD. & LUAPELE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

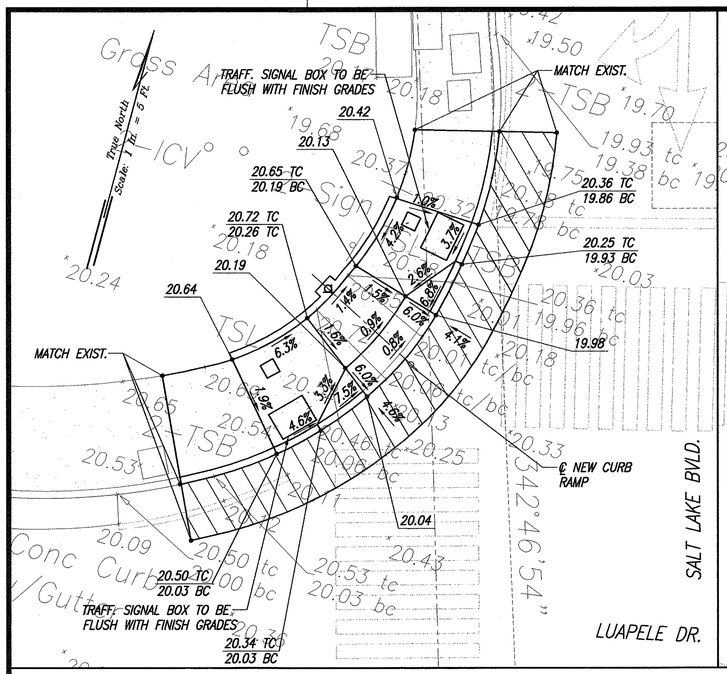
SHEET No. C-75 OF 122 SHEETS

C.O. 76 S-3

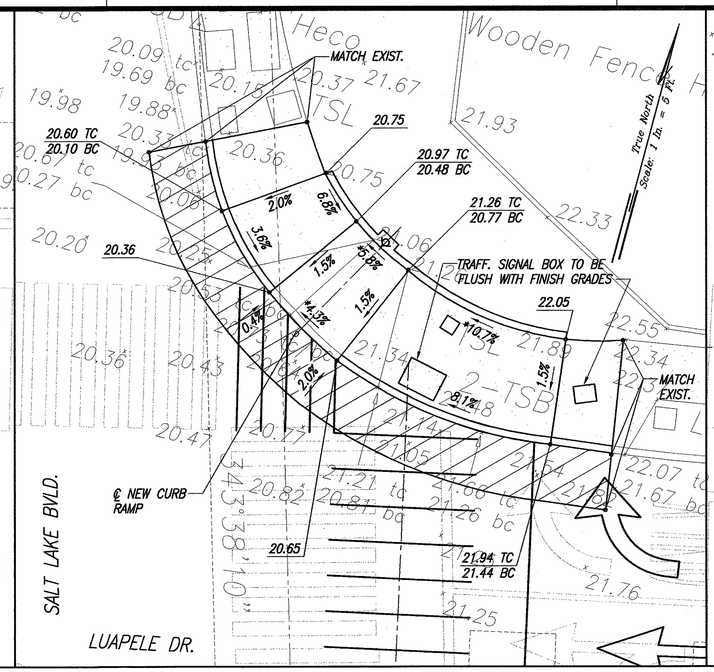
ORIGINAL PLAN | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE
NOTE BOOK No.

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: AD076 Plot date: Dec 29, 2004-08:39:58am CAD User: mkamihara Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	77	163

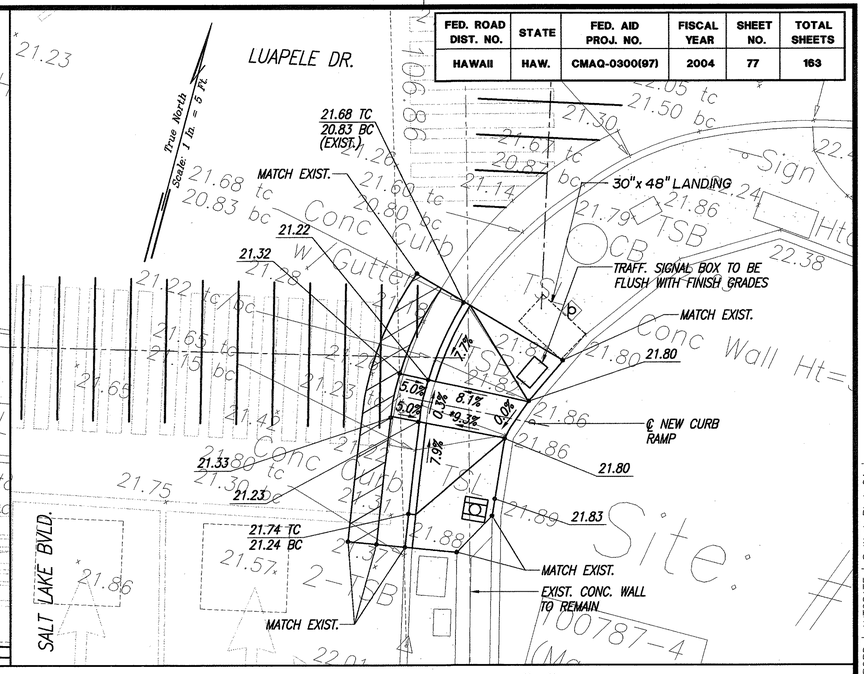


RAMP "1"
SCALE: 1"= 5'



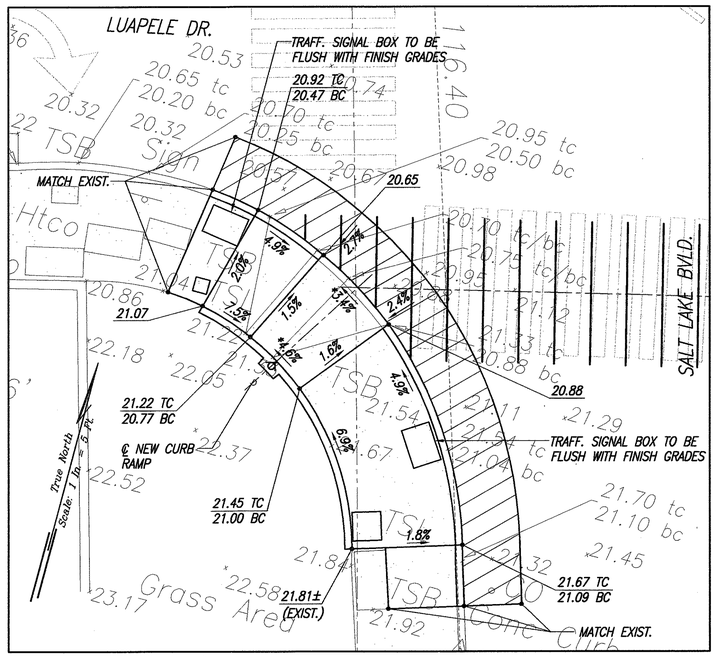
RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

GRAPHIC SCALE

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

ORIGINAL PLAN | NOTE BOOK | No.

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

GRADING PLAN – SALT LAKE BLVD & LUAPELE DR.
INTERS. ID NO. 100787
SCALE: 1"= 5'

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

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".

DATE	REVISION
12/03/04	Curb Ramp "3". Removed New and Exist. Ped. Push Buttons On Southern Exist. Traff. Light Pole. Added New Ped. Push Button and Landing to Exist. Northern Traff. Light Pole.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
SALT LAKE BLVD. & LUAPELE DR.

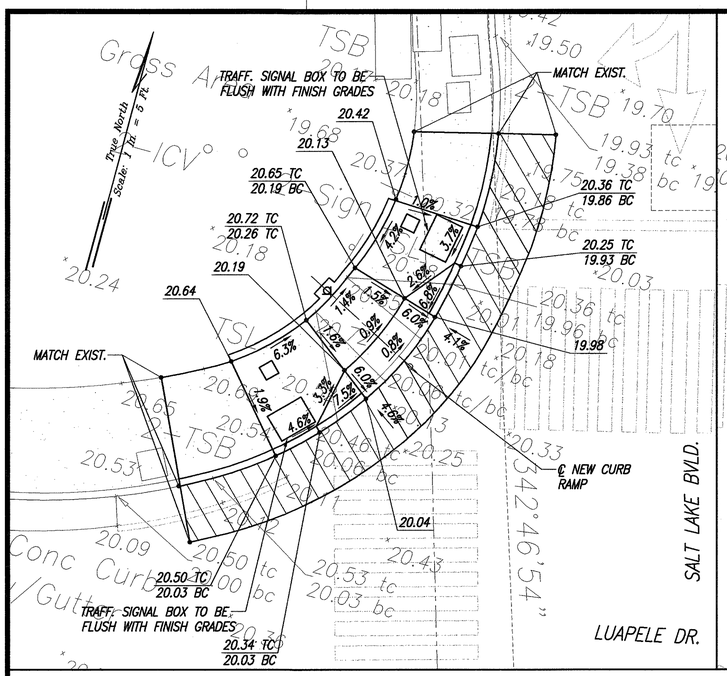
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

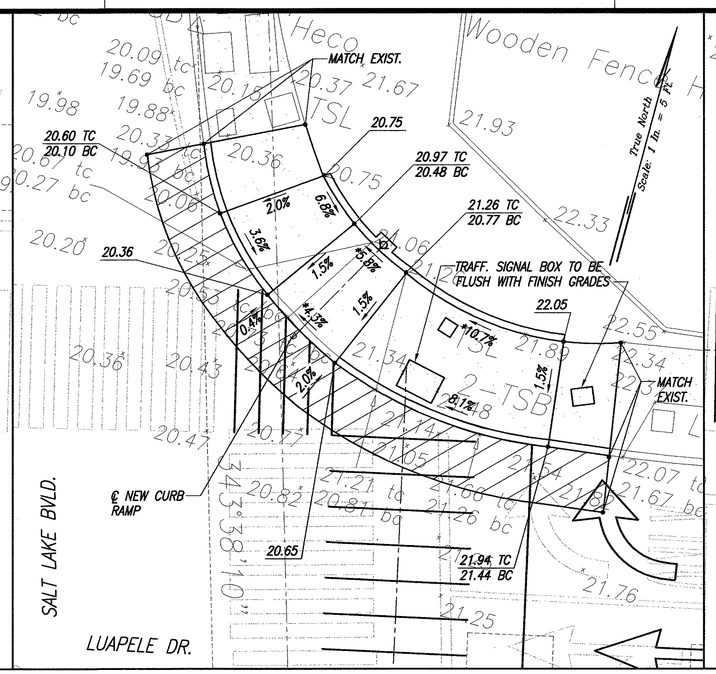
SHEET No. C-76 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-076 Plot date: Aug 20, 2004-09:38:29am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 77 S-1	163

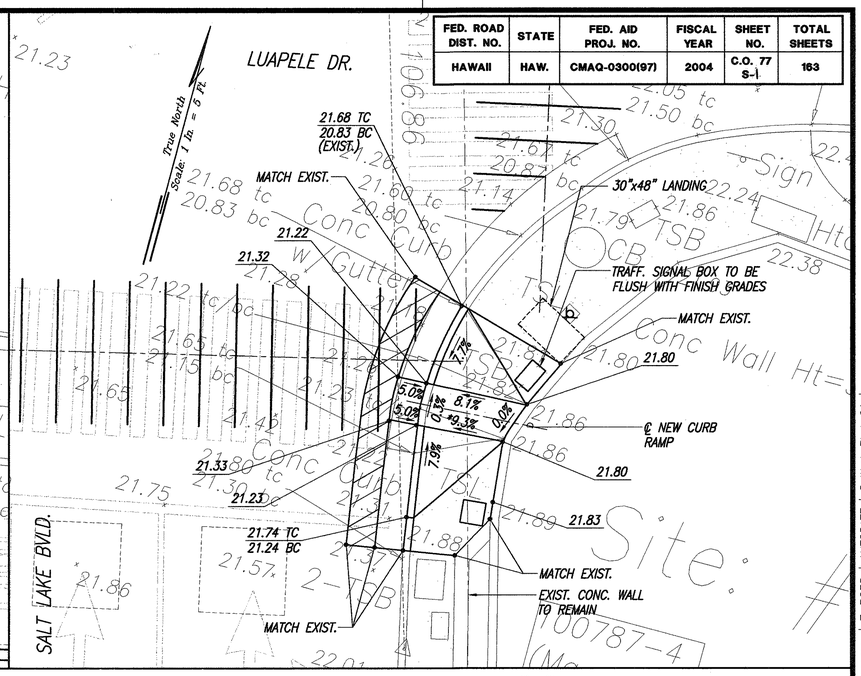


RAMP "1"
SCALE: 1"= 5'



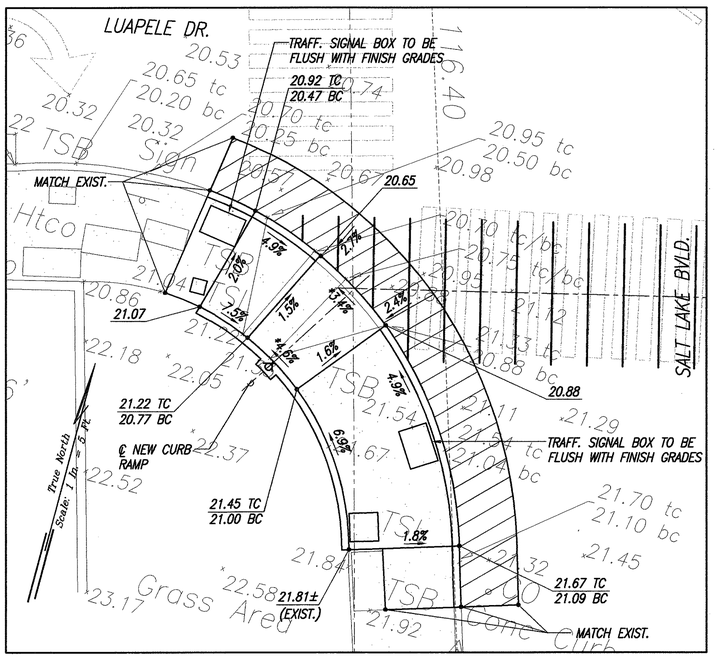
RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRADING PLAN – SALT LAKE BLVD & LUAPELE DR.
INTERS. ID NO. 100787
SCALE: 1"= 5'

LEGEND

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

GRAPHIC SCALE
1" = 5' (5' 0 5' 10')

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

DATE	REVISION
12/03/04	Curb Ramp "3". Removed New and Exist. Ped. Push Buttons On Southern Exist. Traff. Light Pole. Added New Ped. Push Button and Landing to Exist. Northern Traff. Light Pole.

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE — APRIL 30, 2005 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
SALT LAKE BLVD. & LUAPELE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

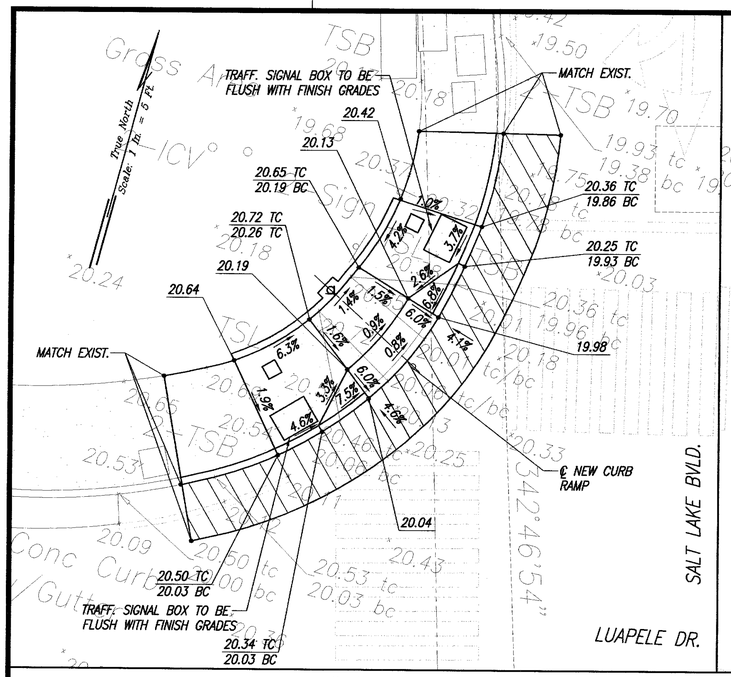
Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-76 OF 122 SHEETS

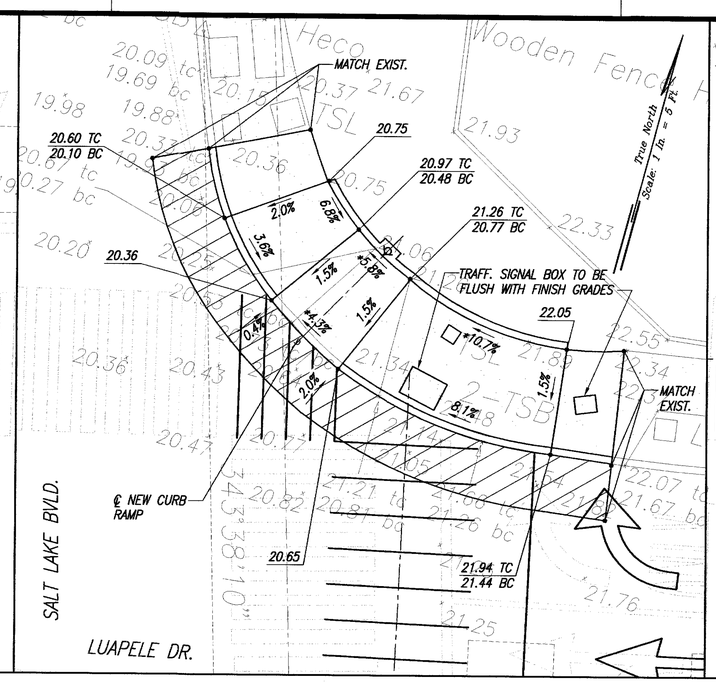
"AS-BUILT" C.O. 77 S-1

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: CO-77 Plot date: Dec 30, 2004-01:44:44pm CAD User: framoran. Xref Filename: | Z-BORD | AUTODATE | SaltLakeBlvd-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 77 S-4	163

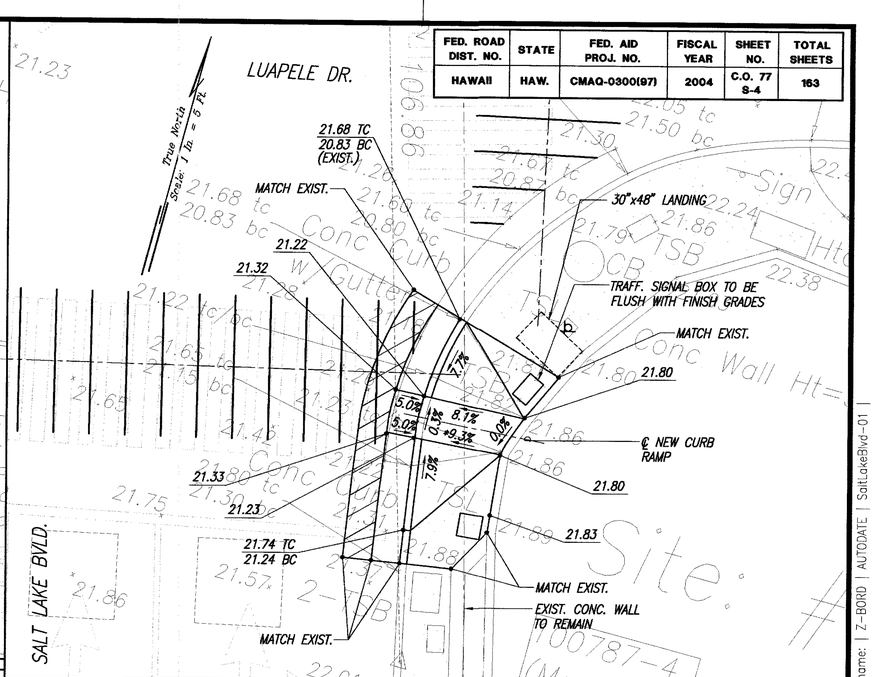


RAMP "1"
SCALE: 1"= 5'



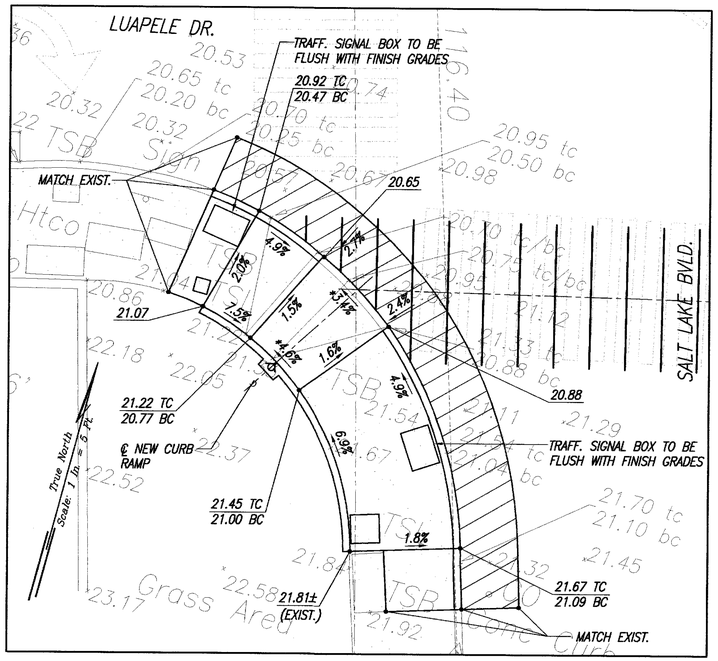
RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

GRAPHIC SCALE

1" = 5' — 5' 0 5' 10'

GRADING PLAN – SALT LAKE BLVD & LUAPELE DR.
INTERS. ID NO. 100787
SCALE: 1"= 5'

DATE	REVISION
12/03/04	Curb Ramp "3". Removed New and Exist. Ped. Push Buttons On Southern Exist. Traff. Light Pole. Added New Ped. Push Button and Landing to Exist. Northern Traff. Light Pole.

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
SALT LAKE BLVD. & LUAPELE DR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

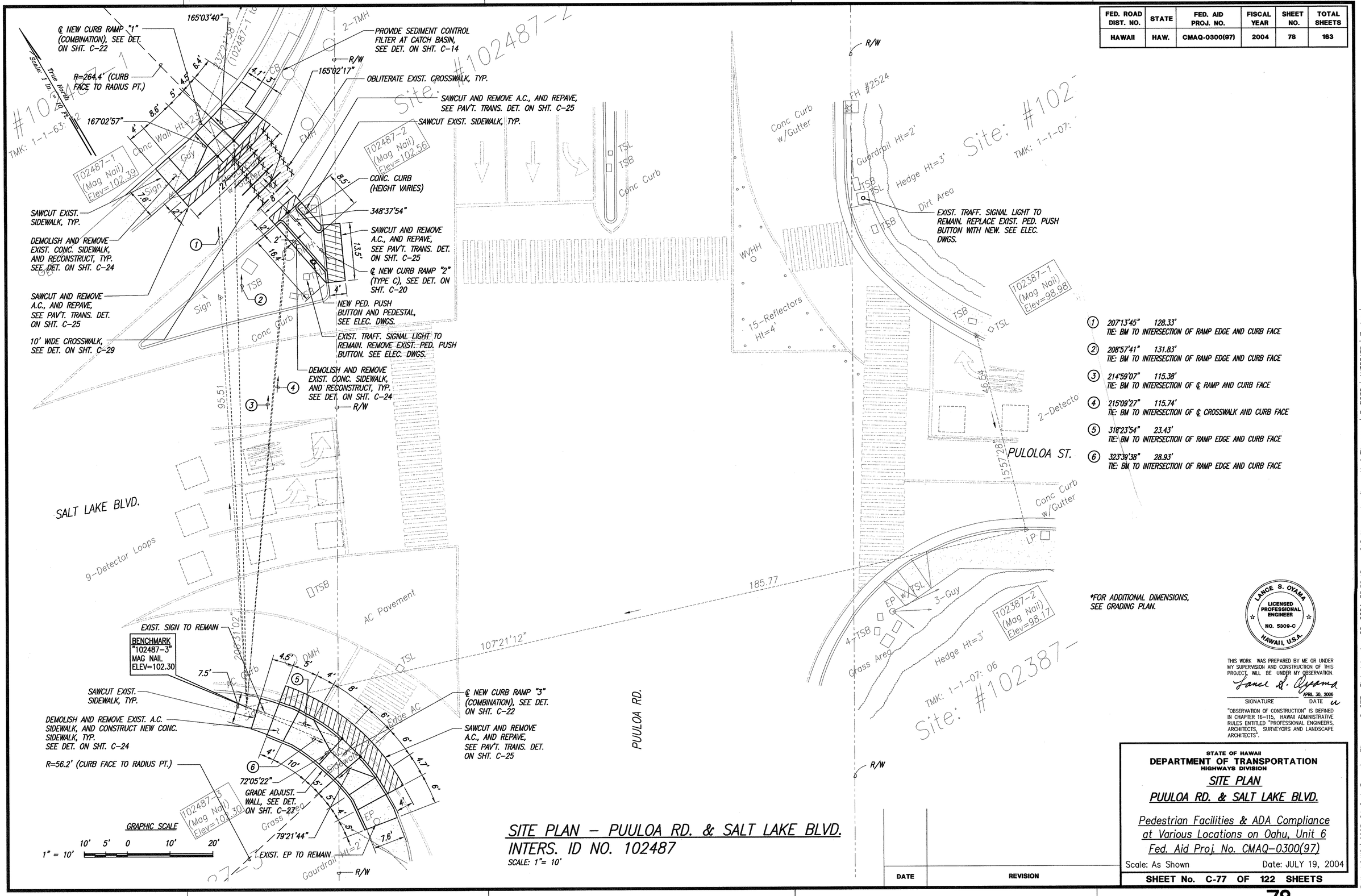
SHEET No. C-76 OF 122 SHEETS

C.O. 77 S-4

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

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: ADD77 Plot date: Dec 29, 2004-08:40:43am CAD User: mkamihara. Xref: Z-BORD | AUTODATE | SaltLakeBlvd-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	78	163



① 207°13'45" 128.33'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 208°57'41" 131.83'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 214°59'07" 115.38'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

④ 215°09'27" 115.74'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑤ 318°23'54" 23.43'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑥ 323°39'38" 28.93'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

*FOR ADDITIONAL DIMENSIONS, SEE GRADING PLAN.

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE

APRIL 30, 2006
DATE

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

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN

PUULOA RD. & SALT LAKE BLVD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

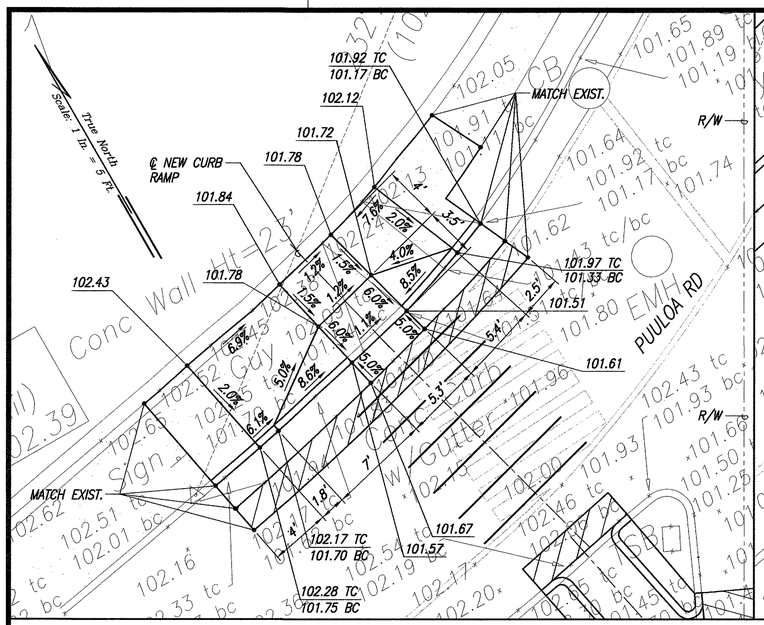
SHEET No. C-77 OF 122 SHEETS

SITE PLAN – PUULOA RD. & SALT LAKE BLVD.
INTERS. ID NO. 102487
SCALE: 1"= 10'

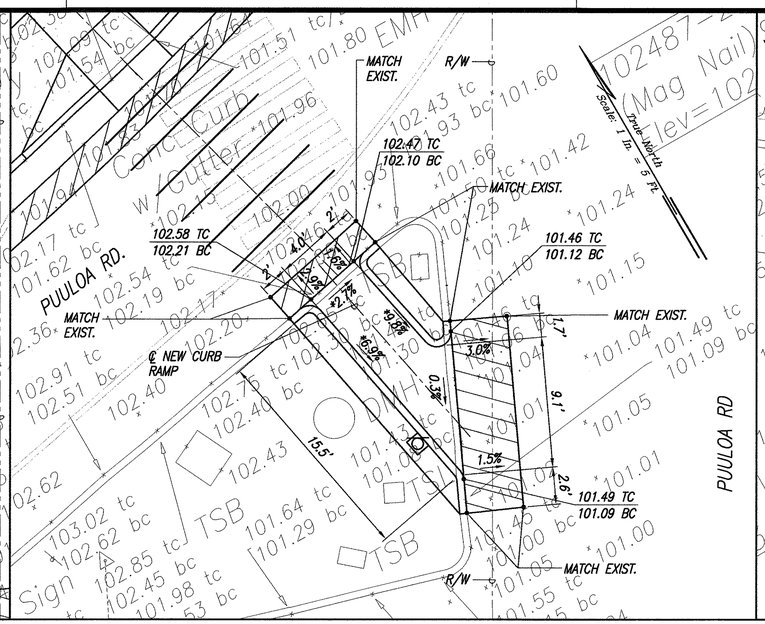
DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-077 Plot date: Aug 20, 2004-09:38:45am CAD User: mkamihara Xref Filename: | Z-BORD | AUTODATE | Puuloa |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	79	163

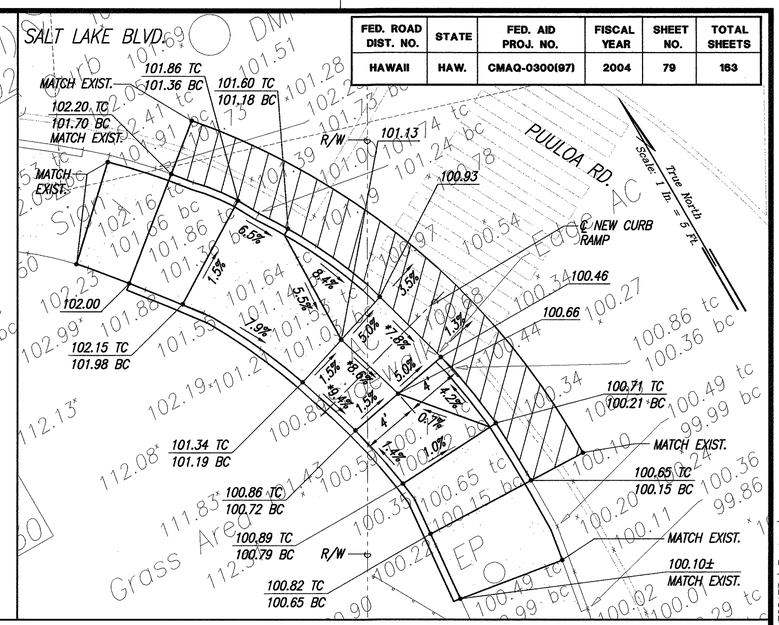


RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

GRAPHIC SCALE

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

GRADING PLAN – PUULOA RD. & SALT LAKE BLVD.
INTERS. ID NO. 102487
SCALE: 1"= 5'

DATE	REVISION

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
PUULOA RD. & SALT LAKE BLVD.

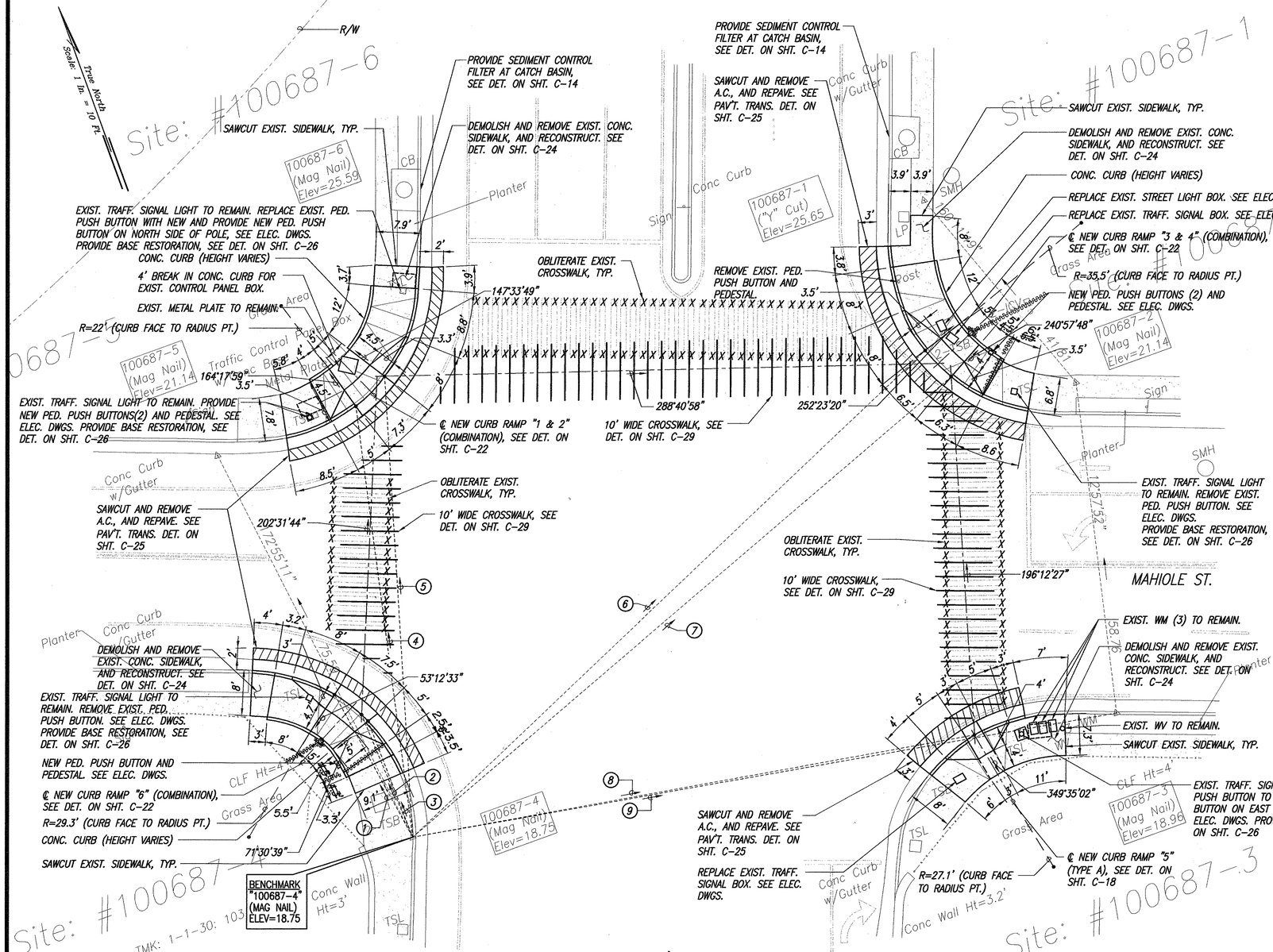
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-78 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-078 Plot date: Aug 20, 2004-09:39:02am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Puuloa |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	80	163



① 171°17'55" 28.67'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 177°21'17" 23.41'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

③ 178°58'41" 21.97'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 192°26'23" 76.71'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑤ 196°27'28" 81.46
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE AND ℄ CROSSWALK

⑥ 246°21'25" 124.40'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑦ 249°20'41" 124.68'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑧ 279°40'29" 100.39'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

⑨ 279°58'03" 125.66'
TIE: BM TO 100687-3

SITE PLAN – JARRET WHITE RD. & MAHIOLE ST.
INTERS. ID NO. 100687

SCALE: 1"= 10'

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE APRIL 30, 2006 DATE

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DATE	REVISION
12/03/04	Curb Ramps "1,2,3,4 and 6". Relocate New Ped. Push Buttons, Pedestal and Landings For All.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
JARRET WHITE RD. & MAHIOLE ST.

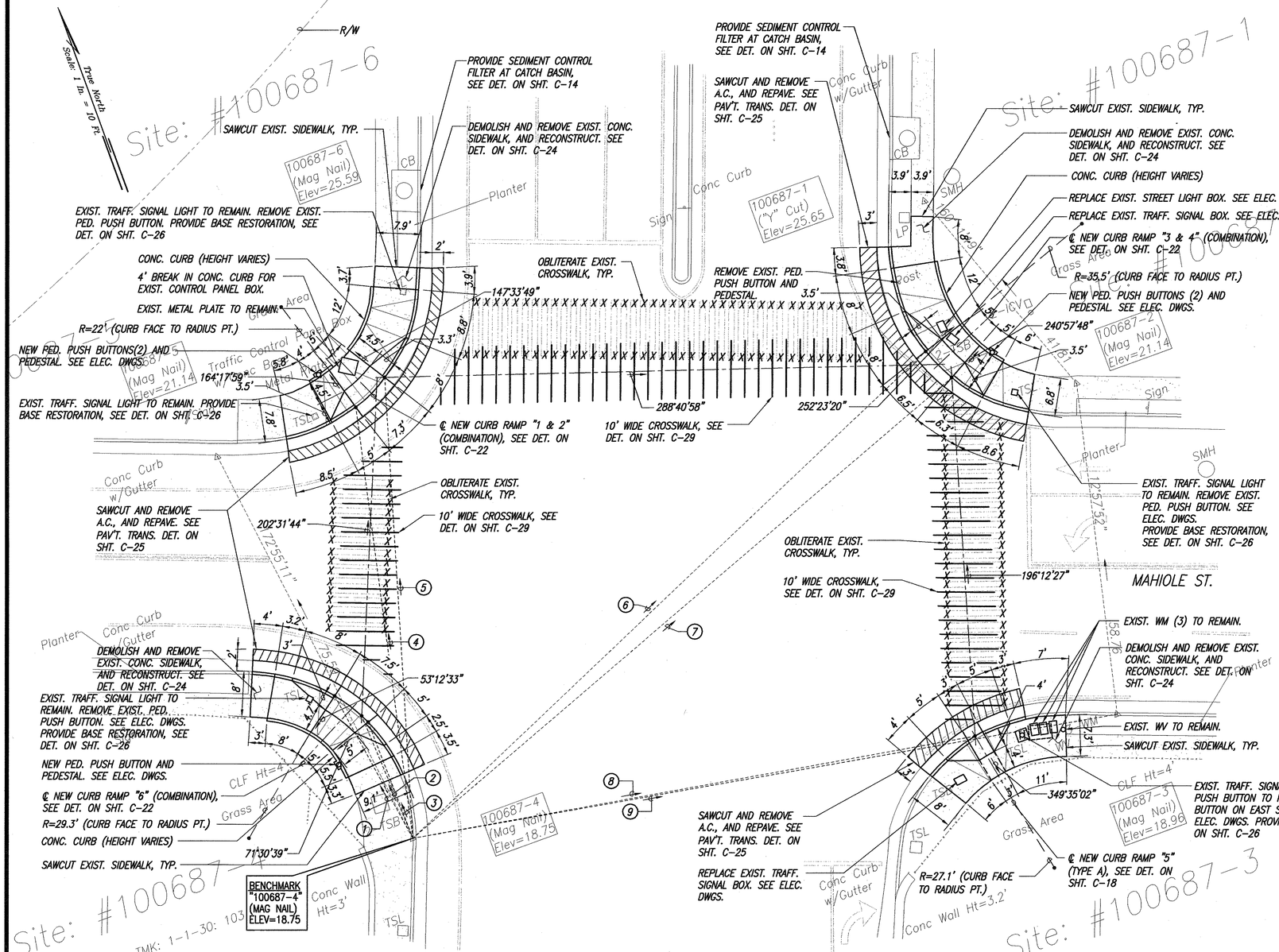
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-79 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-079 Plot date: Aug 20, 2004-09:39:17am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Jarret White-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 80 S-1	163



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

① 171°17'55" 28.67'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 177°21'17" 23.41'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

③ 178°58'41" 21.97'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 192°26'23" 76.71'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑤ 196°27'28" 81.46
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE AND ℄ CROSSWALK

⑥ 246°21'25" 124.40'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑦ 249°20'41" 124.68'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑧ 279°40'29" 100.39'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

⑨ 279°58'03" 125.66'
TIE: BM TO 100687-3

SITE PLAN – JARRET WHITE RD. & MAHIOLE ST.
INTERS. ID NO. 100687
SCALE: 1"= 10'

DATE	REVISION
12/03/04	Curb Ramps "1,2,3,4 and 6". Relocate New Ped. Push Buttons, Pedestal and Landings For All.

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2005
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
JARRET WHITE RD. & MAHIOLE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

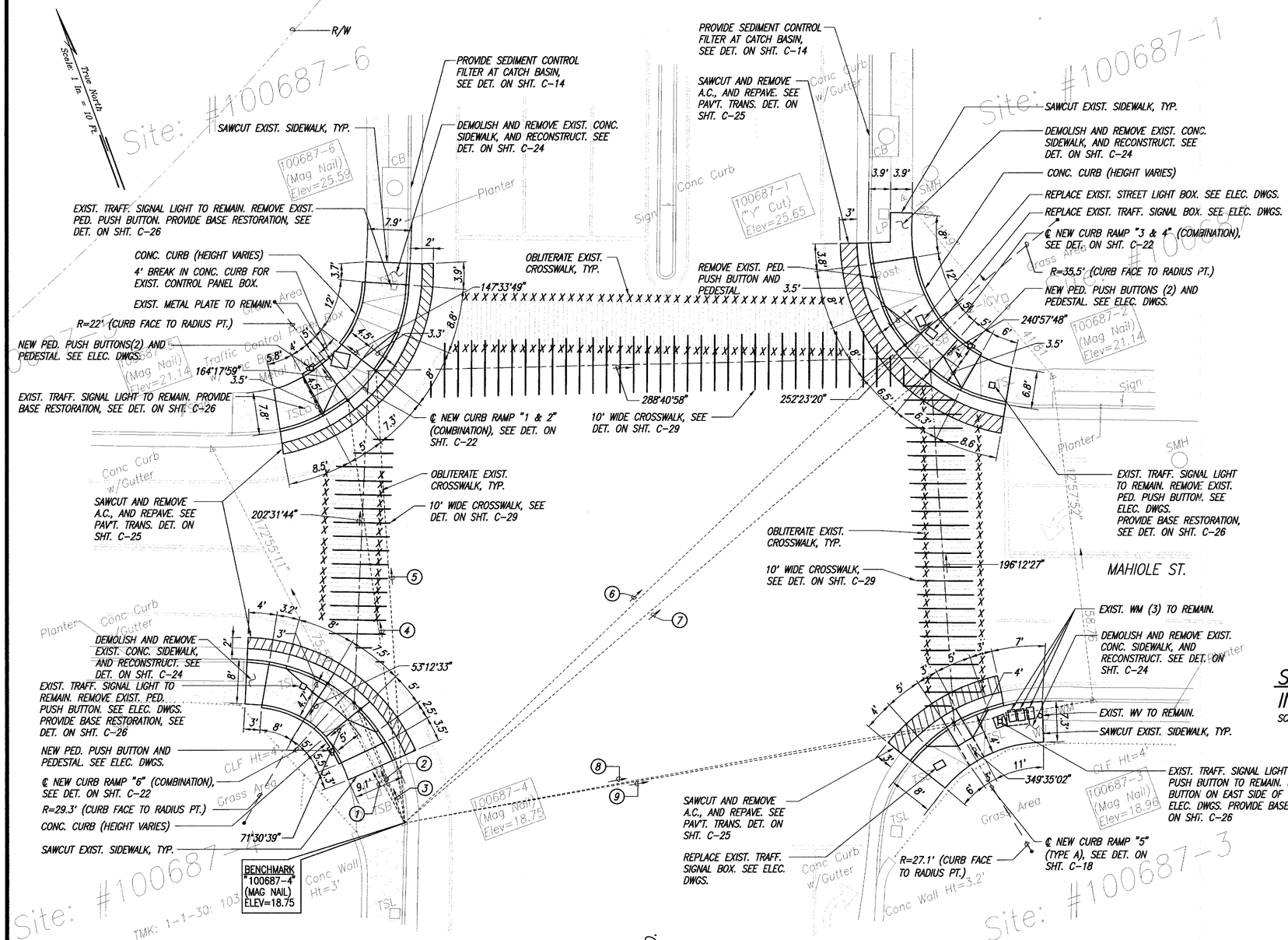
SHEET No. C-79 OF 122 SHEETS

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

"AS-BUILT" C.O. 80 S-1

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: CO-80 Plot date: Dec 30, 2004-01:45:11pm CAD User: framoron. Xref Filename: I_BORD | AUTODATE | Jarret White-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 80 S-5	163



(1) 171°17'55" 28.67'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 177°21'17" 23.41'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 178°58'41" 21.97'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 192°26'23" 76.71'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 196°27'28" 81.46
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE AND ℄ CROSSWALK

(6) 246°21'25" 124.40'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(7) 249°20'41" 124.68'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 279°40'29" 100.39'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(9) 279°58'03" 125.66'
TIE: BM TO 100687-3

SITE PLAN – JARRET WHITE RD. & MAHIOLE ST.
INTERS. ID NO. 100687
SCALE: 1"= 10'

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

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

DATE	REVISION
12/03/04	Curb Ramps "1,2,3,4 and 6". Relocate New Ped. Push Buttons, Pedestal and Landings For All.

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.
Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
JARRET WHITE RD. & MAHIOLE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

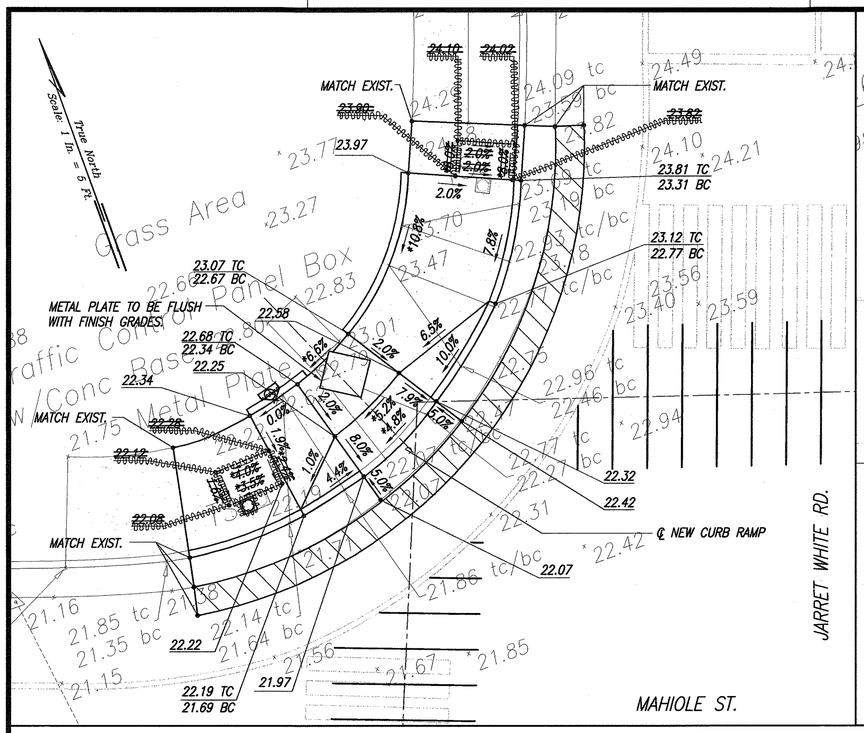
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-79 OF 122 SHEETS

C.O. 80 S-5

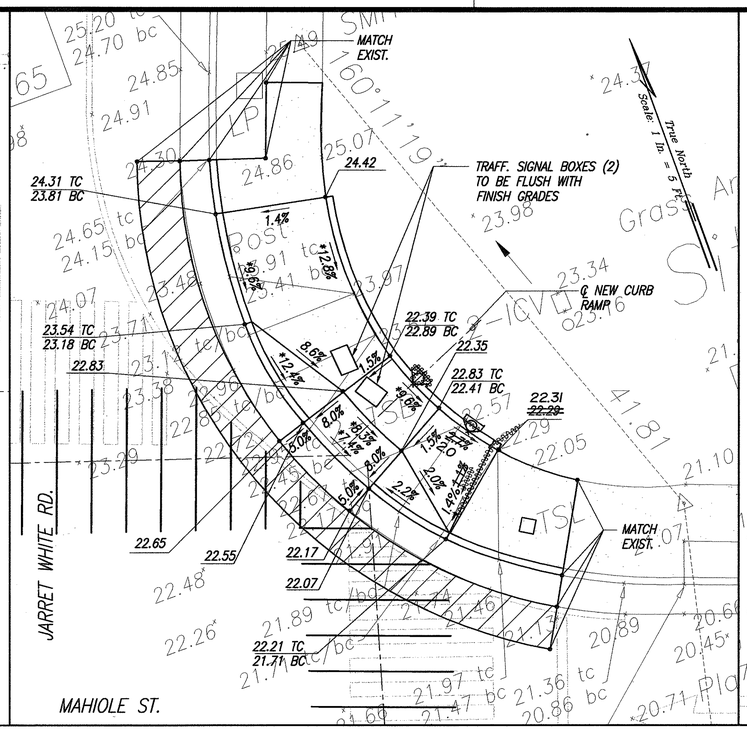
Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: | Z-BORD | AUTODATE | Jarret White-01 | Orig. Xref Filename: | Z-BORD | AUTODATE | mkamihara. Xref Filename: ADDBD Plot date: Dec 29, 2004-08:41:20am CAD User: mkamihara.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	81	163



RAMP "1 & 2"

SCALE: 1"= 5'



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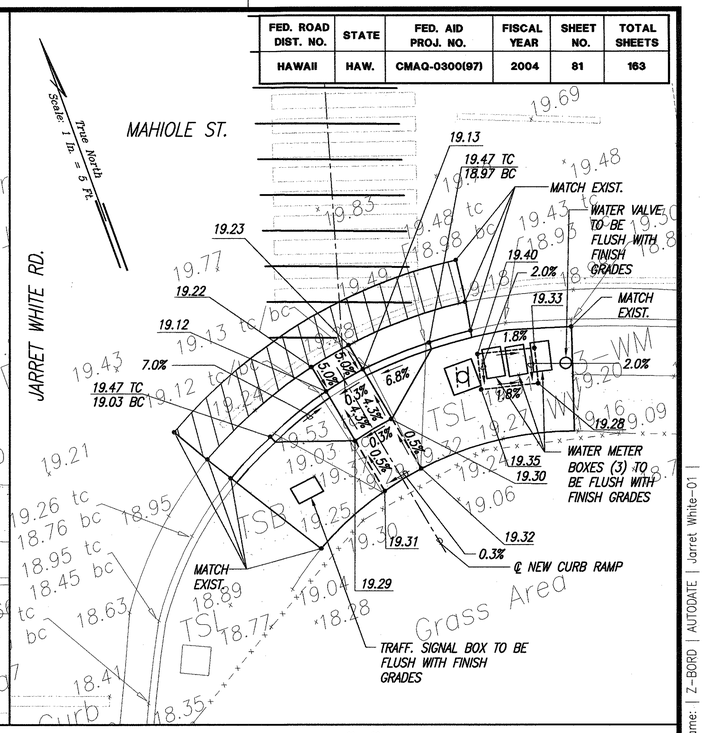
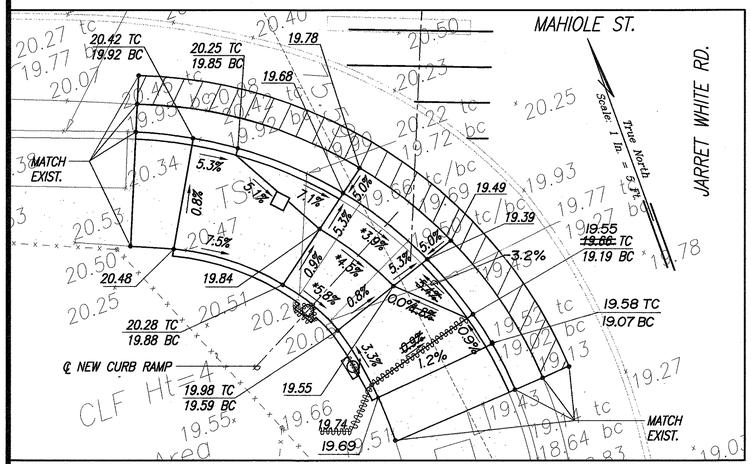
SCALE: 1"= 5'



RAMP "5"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "6"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRAPHIC SCALE

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

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

ORIGINAL PLAN
NOTE BOOK
No.

GRADING PLAN – JARRET WHITE RD. & MAHIOLE ST.

INTERS. ID NO. 100687

SCALE: 1"= 5'

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

LANCE S. OYAMA
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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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DATE	REVISION
12/03/04	Curb Ramps "1,2,3,4 and 6". Relocate New Ped. Push Buttons, Pedestal and Landings for All.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
JARRET WHITE RD. & MAHIOLE ST.

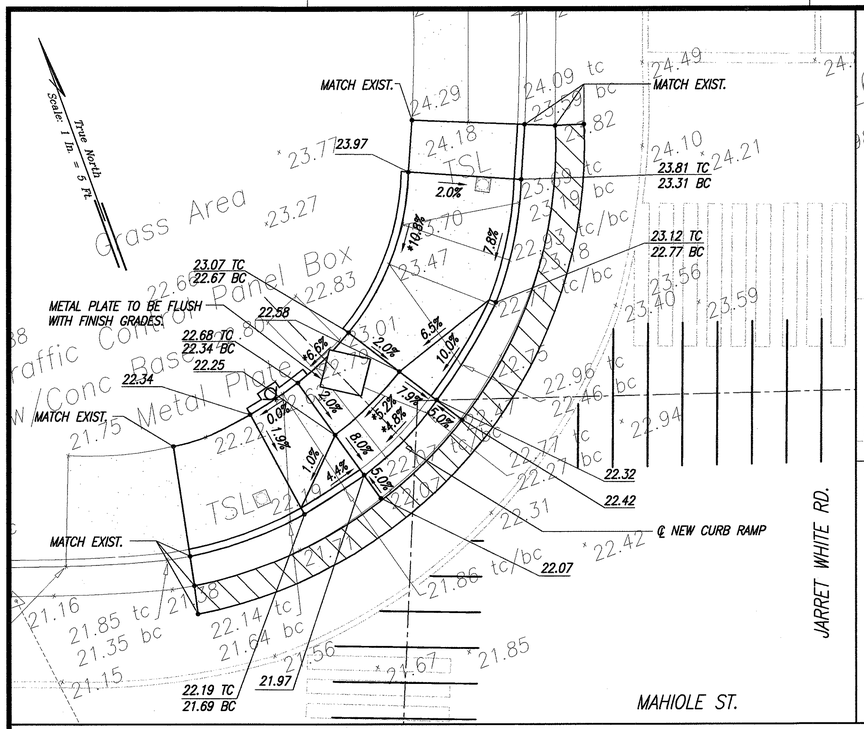
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-80 OF 122 SHEETS

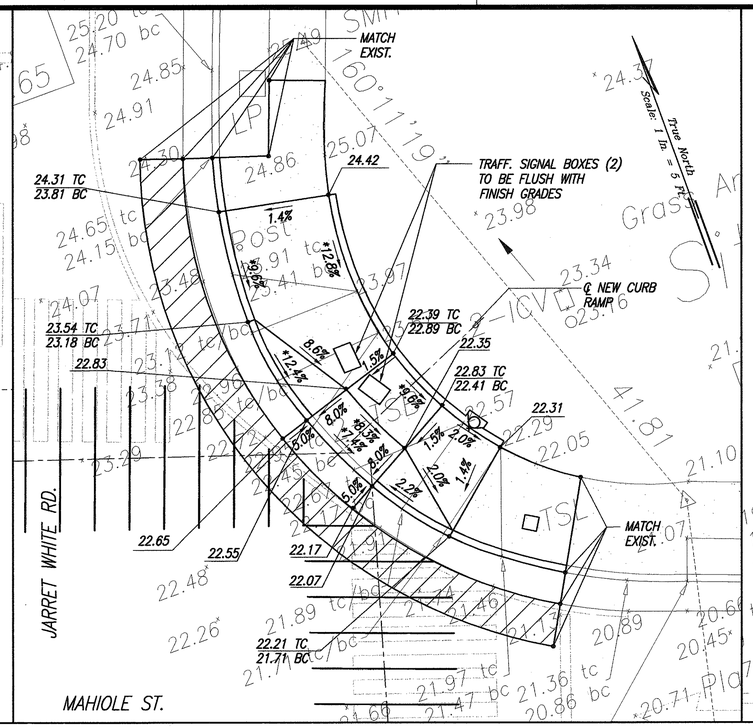
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-080 Plot date: Aug 20, 2004-09:42:23am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Jarret White-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 81 S-1	163



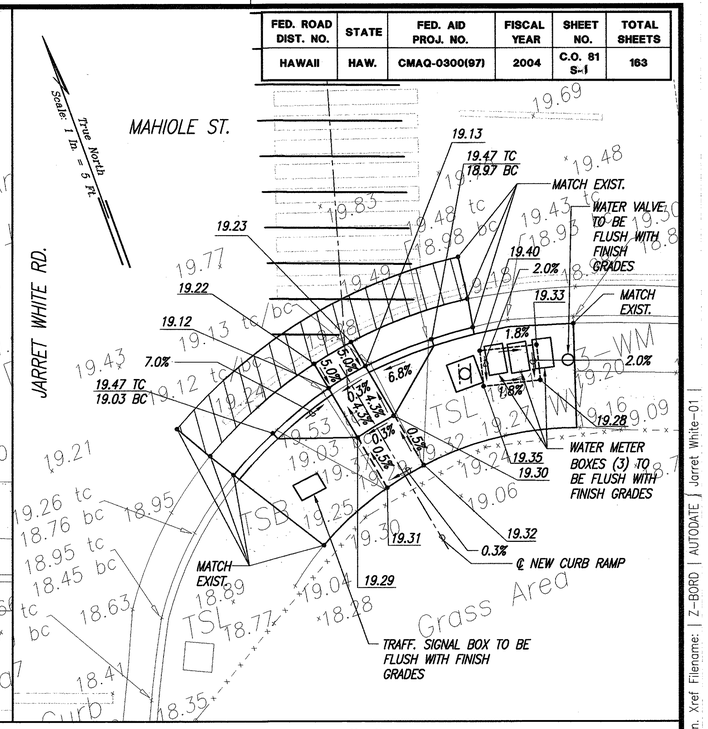
RAMP "1 & 2"

SCALE: 1"= 5'



RAMP "3 & 4"

SCALE: 1"= 5'



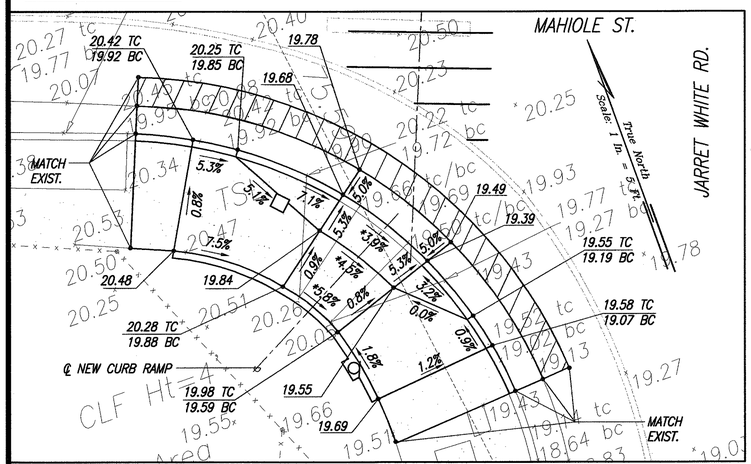
RAMP "5"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "6"

SCALE: 1"= 5'

GRAPHIC SCALE

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

GRADING PLAN – JARRET WHITE RD. & MAHIOLE ST.

INTERS. ID NO. 100687

SCALE: 1"= 5'

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

DATE	REVISION
12/03/04	Curb Ramps "1,2,3,4 and 6". Relocate New Ped. Push Buttons, Pedestal and Landings For All.

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

ORIGINAL PLAN
NOTE BOOK
No. ____

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama — APRIL 30, 2006
SIGNATURE — DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
JARRET WHITE RD. & MAHIOLE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

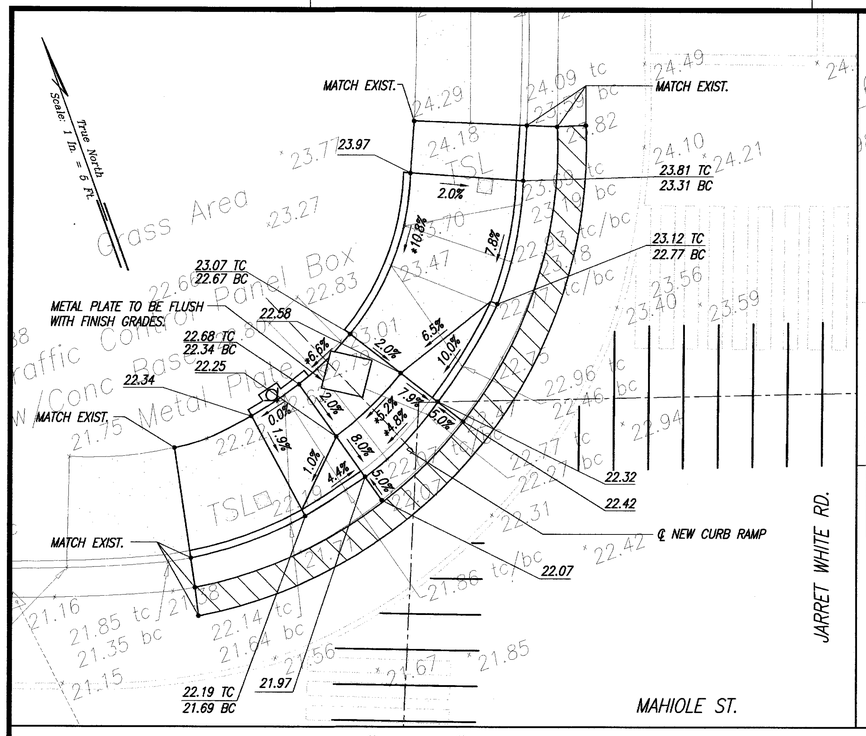
Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-80 OF 122 SHEETS

"AS-BUILT" C.O. 81 S-1

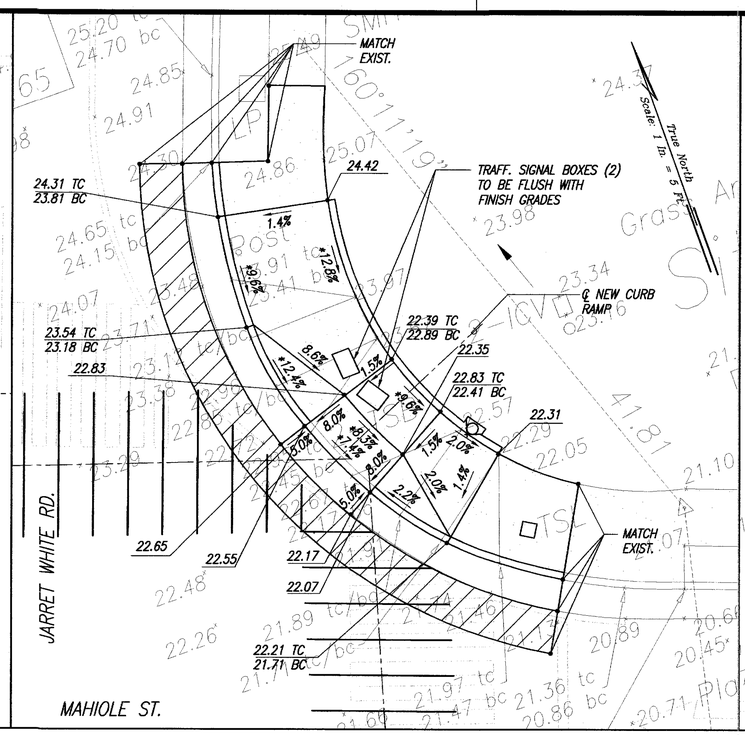
Path: L:\WOA\0623-04 Curb Ramps\Change Order\ Filename: CO-81 Plot date: Dec 30, 2004-01:45:43pm CAD User: framoran. Xref Filename: | Z-BORD | AUTODATE | Jarret White-01

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	C.O. 81 S-6	163



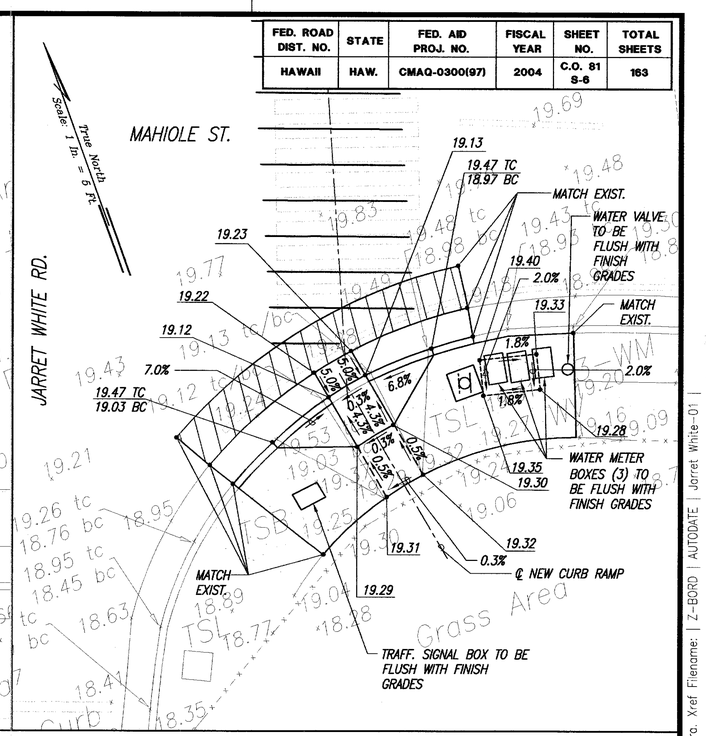
RAMP "1 & 2"

SCALE: 1"= 5'



RAMP "3 & 4"

SCALE: 1"= 5'



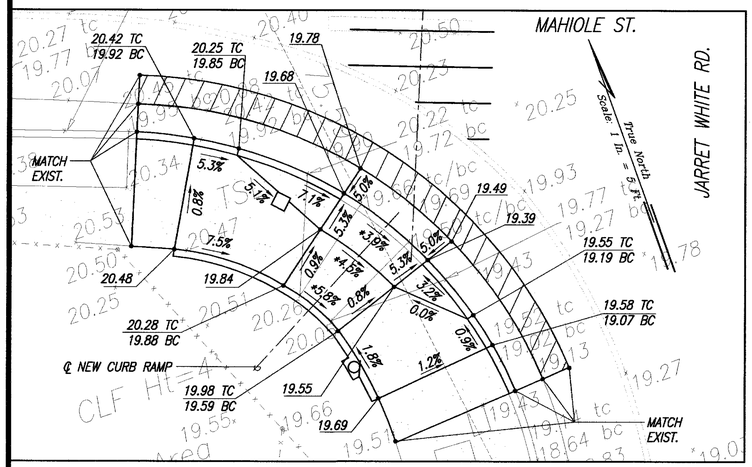
RAMP "5"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "6"

SCALE: 1"= 5'

GRAPHIC SCALE

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

GRADING PLAN – JARRET WHITE RD. & MAHIOLE ST.

INTERS. ID NO. 100687

SCALE: 1"= 5'

LEGEND

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

DATE	REVISION
12/03/04	Curb Ramps "1,2,3,4 and 6". Relocate New Ped. Push Buttons, Pedestal and Landings For All.

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
JARRET WHITE RD. & MAHIOLE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-80 OF 122 SHEETS

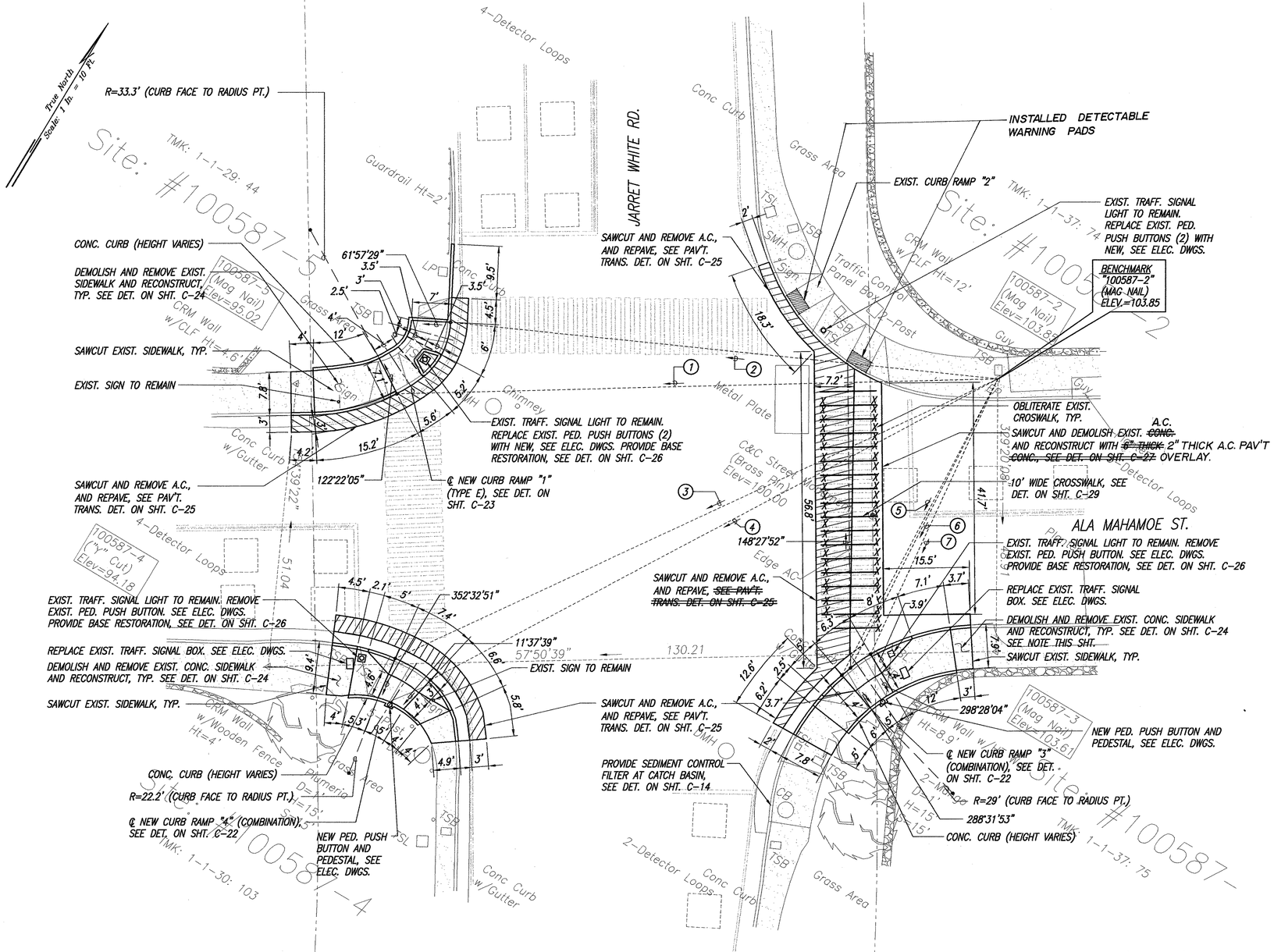
C.O. 81 S-6

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

ORIGINAL PLAN
NOTE BOOK
No.

Path: L:\WOA\6623-04 Curb Ramps\Change Order\ Filename: ADD81 Plot date: Dec 29, 2004-08:41:53am CAD User: mkamihara Xref Filename: | Z-BORD | AUTODATE | Jorret White-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	82	183



① 57°37'53" 107.48'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 64°58'42" 98.39'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 34°04'12" 118.82'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 30°59'36" 114.89'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑤ 356°38'22" 60.02'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑥ 355°53'06" 58.18'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑦ 353°42'32" 54.38'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

NOTE:
LIMIT EXCAVATION TO NO MORE THAN 12" BEYOND THE EDGE OF SIDEWALK. CUT CLEAN SEVERED ROOTS.

SITE PLAN – JARRET WHITE RD. & ALA MAHAMOE ST.
INTERS. ID NO. 100587
SCALE: 1"= 10'

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama — APRIL 30, 2006
SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
JARRET WHITE RD. & ALA MAHAMOE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-81 OF 122 SHEETS

DATE	REVISION

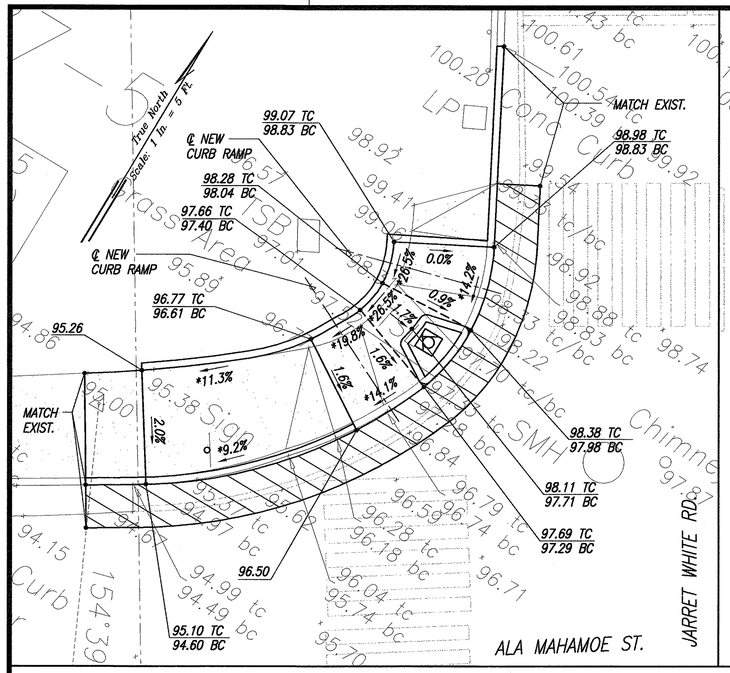
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
NOTE BOOK	TRACED BY	
	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

AS-BUILT

82

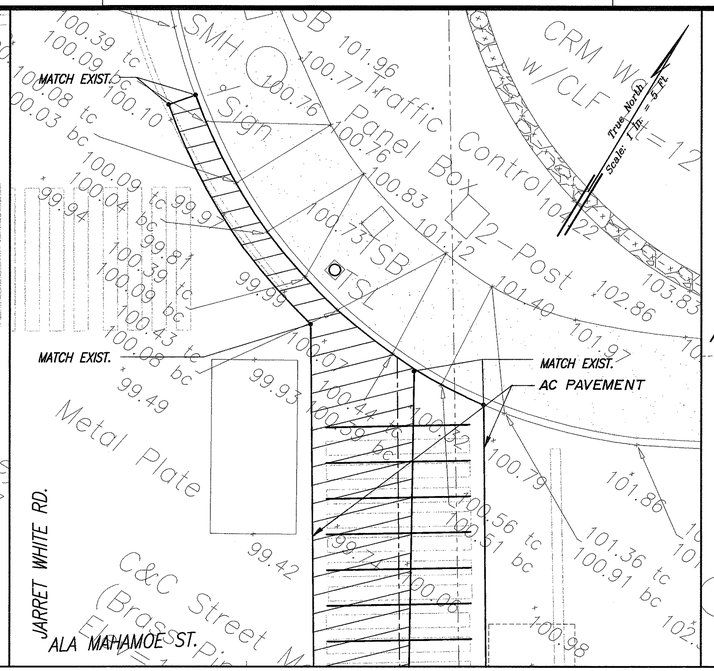
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-081 Plot date: Aug 20, 2004-09:42:38am CAD User: mkamihara Xref Filename: | Z-BORD | AUTODATE | Jarret White-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	83	163



RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



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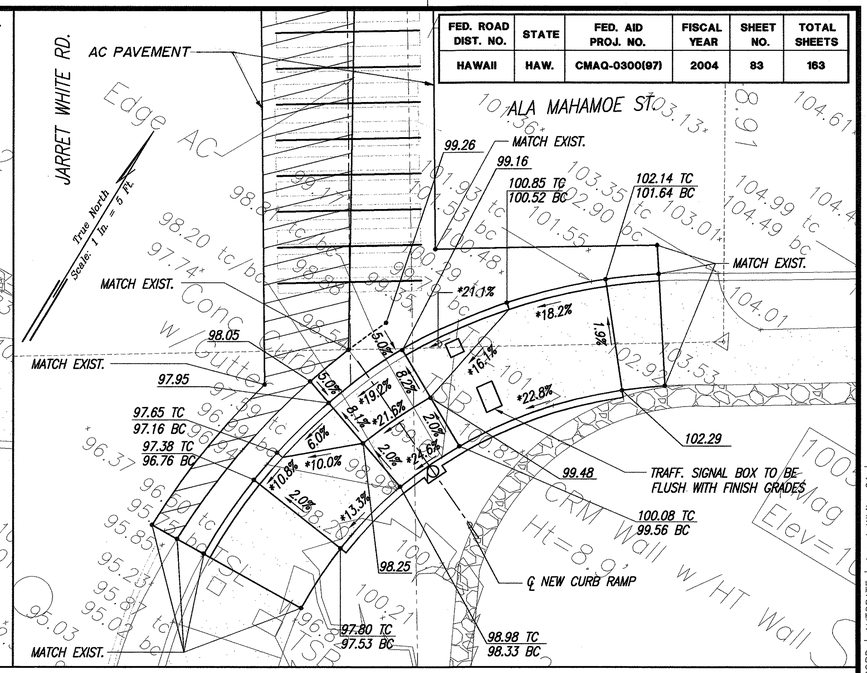
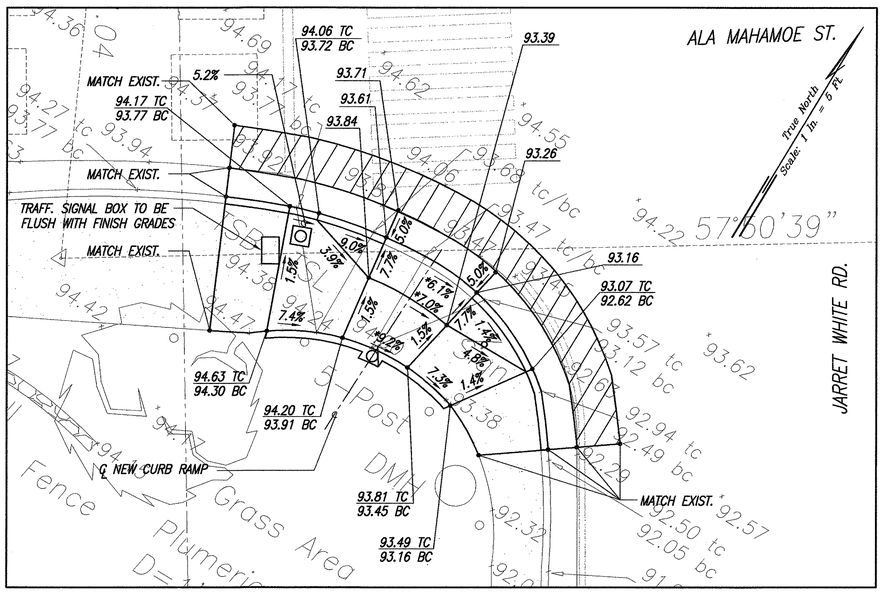
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRADING PLAN – JARRET WHITE RD. & ALA MAHAMOE ST.
INTERS. ID NO. 100587
SCALE: 1"= 5'

LEGEND

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

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
JARRET WHITE RD. & ALA MAHAMOE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

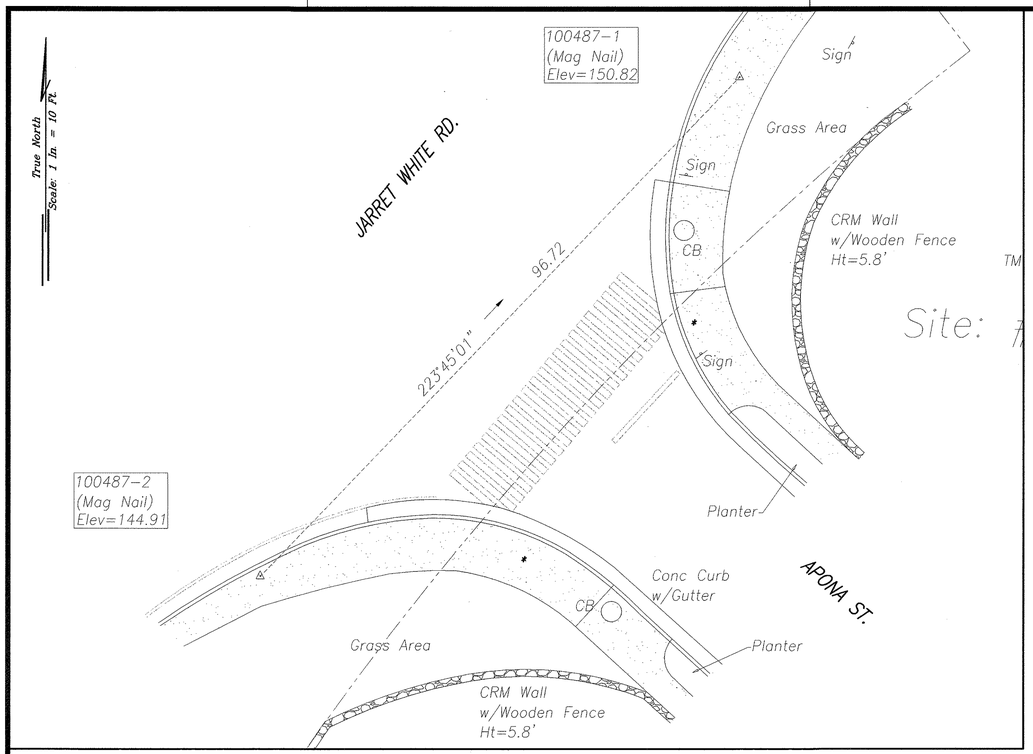
DATE	REVISION

SHEET No. C-82 OF 122 SHEETS

AS-BUILT

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-082 Plot date: Aug 20, 2004-09:42:54am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Jarret White-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	84	163



SITE PLAN – JARRET WHITE RD. & APONA ST.
INTERS. ID NO. 100487

SCALE: 1" = 10'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRAPHIC SCALE

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2005
DATE

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STATE OF HAWAII
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HIGHWAYS DIVISION

SITE PLAN
JARRET WHITE RD. & APONA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

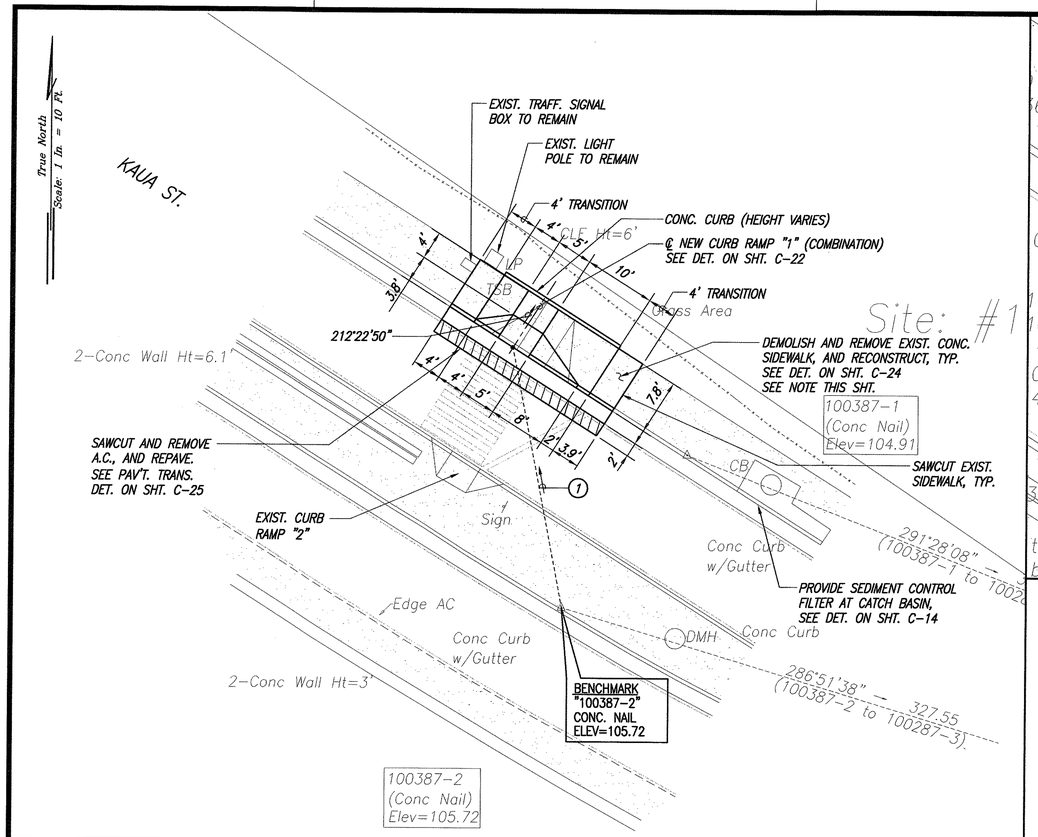
Scale: As Shown Date: JULY 19, 2004

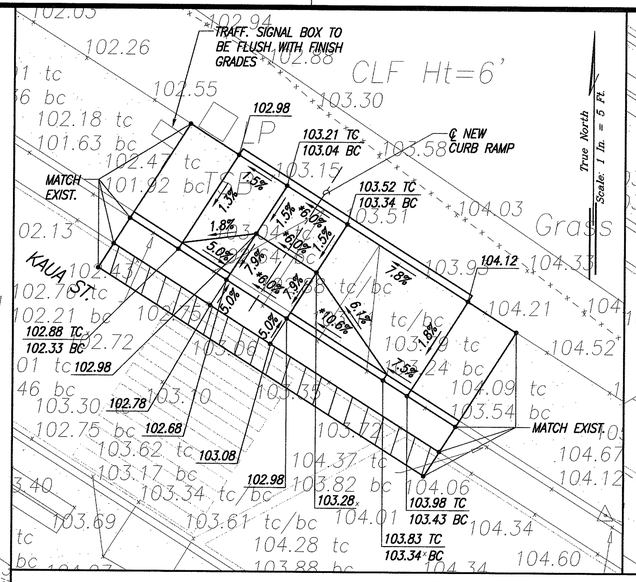
SHEET No. C-83 OF 122 SHEETS

DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-083 Plot date: Aug 20, 2004-09:43:11am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Jarret White-01 |

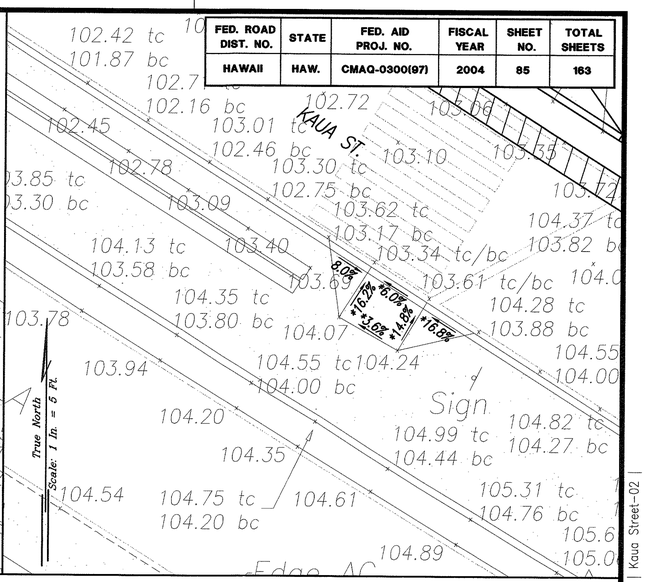
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	85	163





RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – KAUA ST. & OVERPASS
INTERS. ID NO. 100387
SCALE: 1"= 10'

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

① 169°03'29" 37.08'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

NOTE:
LIMIT EXCAVATION TO NO MORE THAN 12" BEYOND THE EDGE OF SIDEWALK.

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.
Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
KAUA ST. & OVERPASS

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

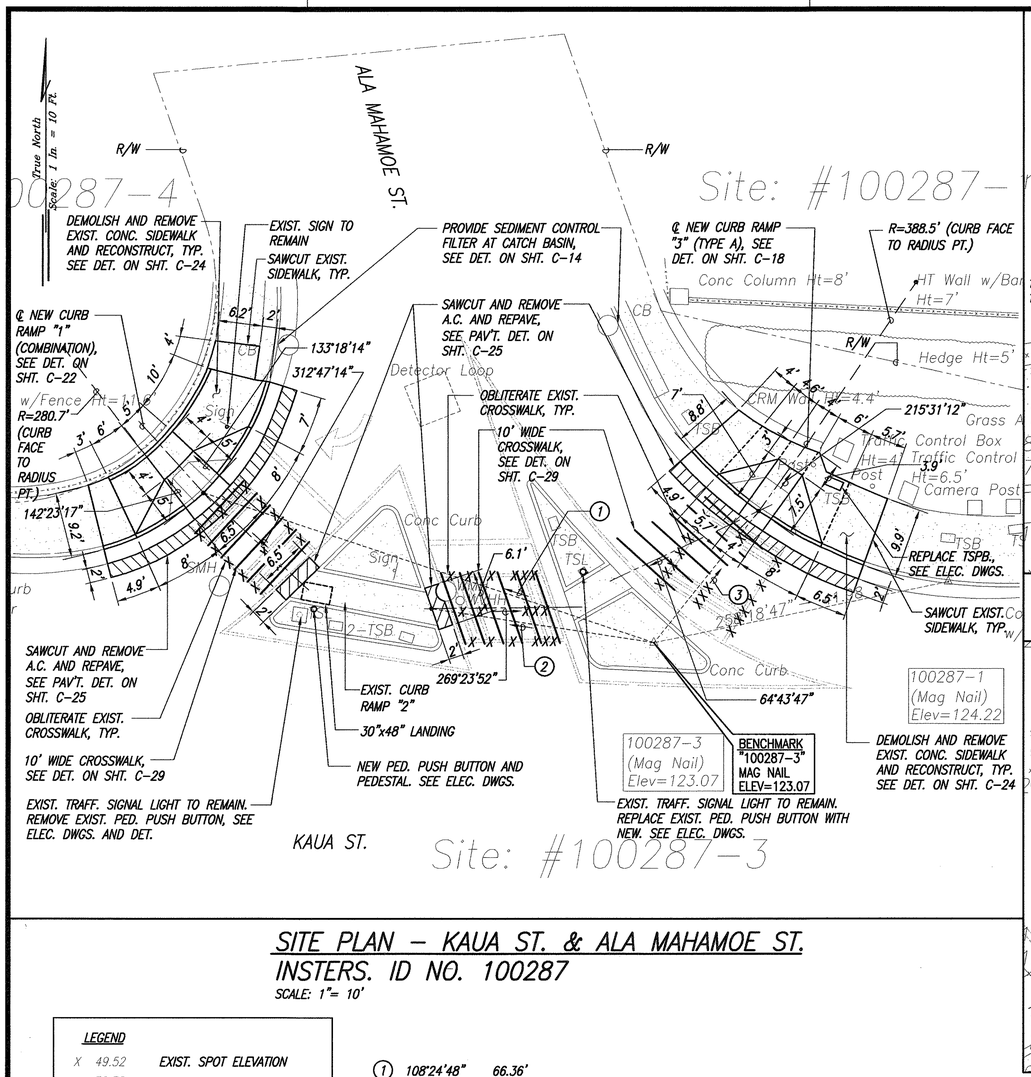
Scale: As Shown Date: JULY 19, 2004

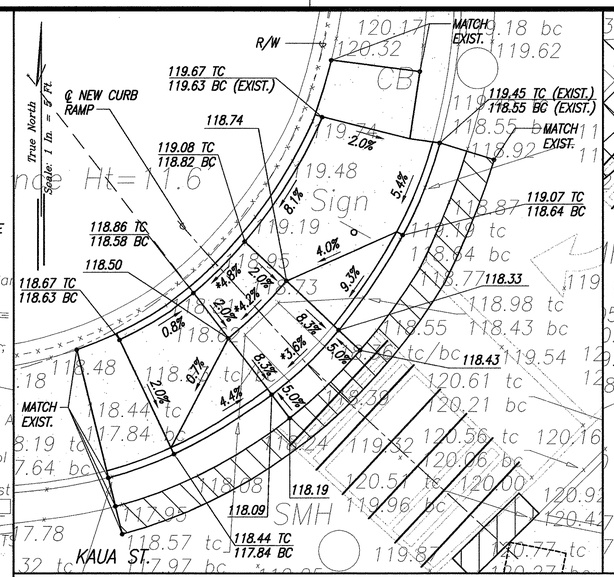
SHEET No. C-84 OF 122 SHEETS

DATE	REVISION

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-084 Plot date: Aug 20, 2004-09:44:04am CAD User: mkamihara. Xref Filenames: | Z-BORD | AUTODATE | Kaua Street-02 |

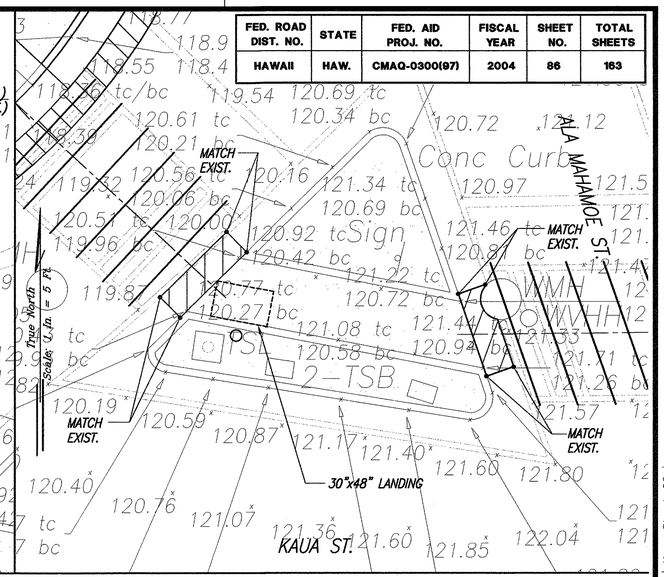
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	86	163



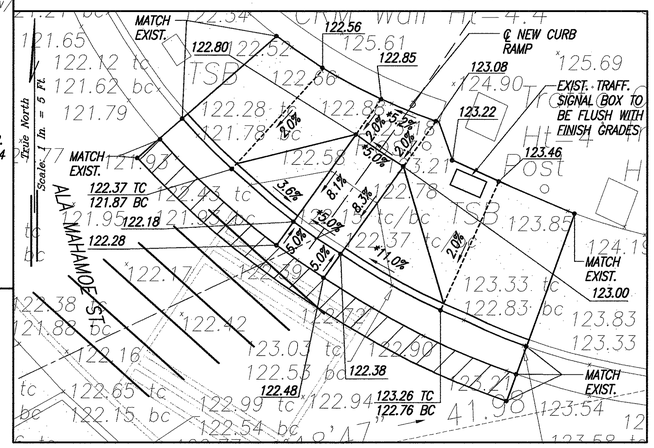


RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – KAUA ST. & ALA MAHAMOE ST.
INSTERS. ID NO. 100287
SCALE: 1"= 10'

LEGEND

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

(1) 108°24'48" 66.36'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 98°40'55" 31.41'
TIE: BM TO INTERSECTION OF RAMP EDGE AND A.C. PAV'T.

(3) 218°25'58" 23.52'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

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

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

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

ORIGINAL PLAN
NOTE BOOK
No.

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE
APRIL 30, 2005
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
KAUA ST. & ALA MAHAMOE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

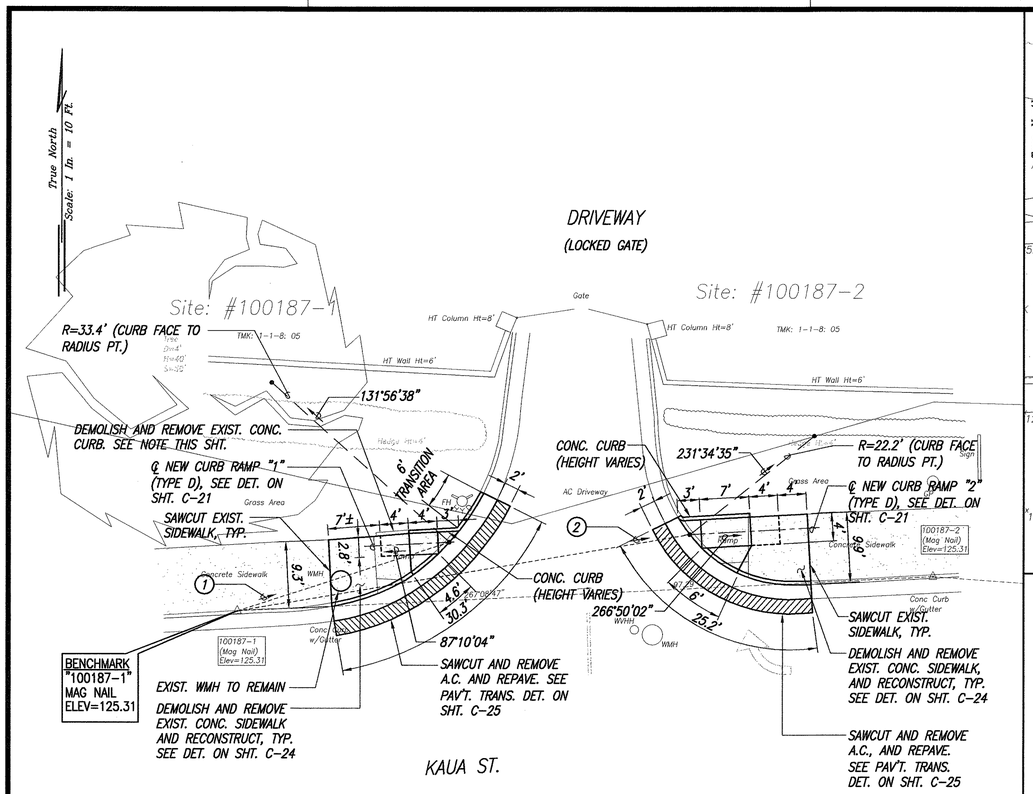
SHEET No. C-85 OF 122 SHEETS

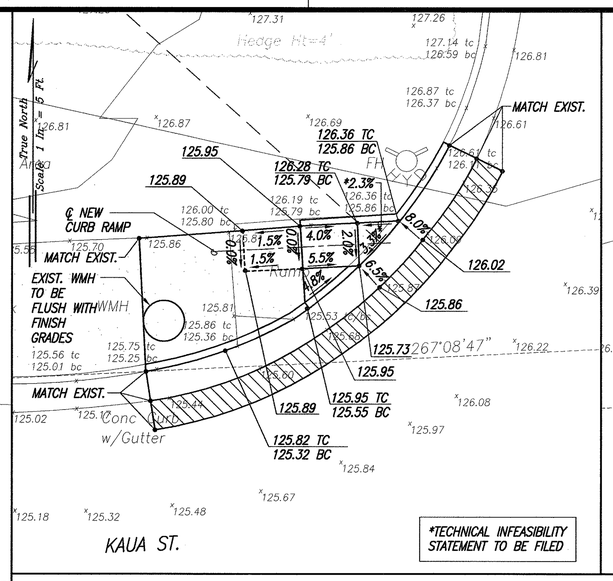
DATE	REVISION

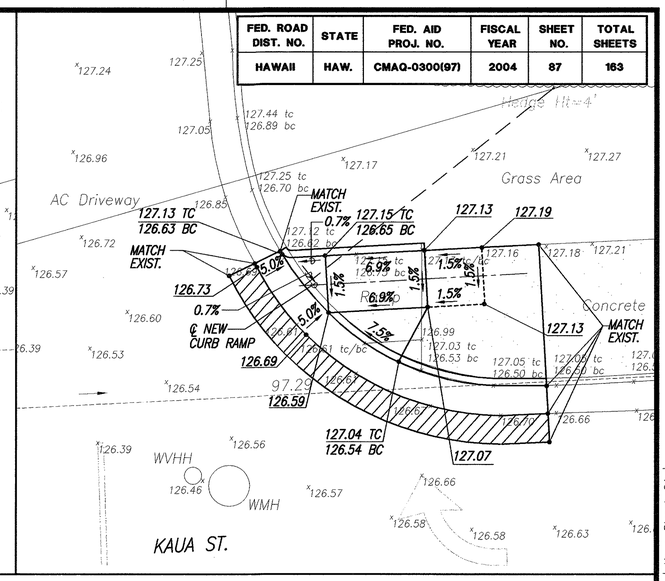
86

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-085 Plot date: Aug 20, 2004-09:44:23am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kaua Street-02 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	87	163







RAMP "1"
SCALE: 1"= 5'

RAMP "2"
SCALE: 1"= 5'

SITE PLAN – KAUA ST. & DRIVEWAY
INTERS. ID NO. 100187
SCALE: 1"= 10'

LEGEND

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

(1) 251°56'15" 31.12'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 260°21'30" 64.08'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

NOTE:
LIMIT EXCAVATION TO NO MORE THAN 12" BEYOND THE CURBING BETWEEN SIDEWALK AND LAWN. CUT CLEAN EXCAVATED ROOTS.

GRAPHIC SCALES

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

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 8309-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.

Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAUA ST. & DRIVEWAY

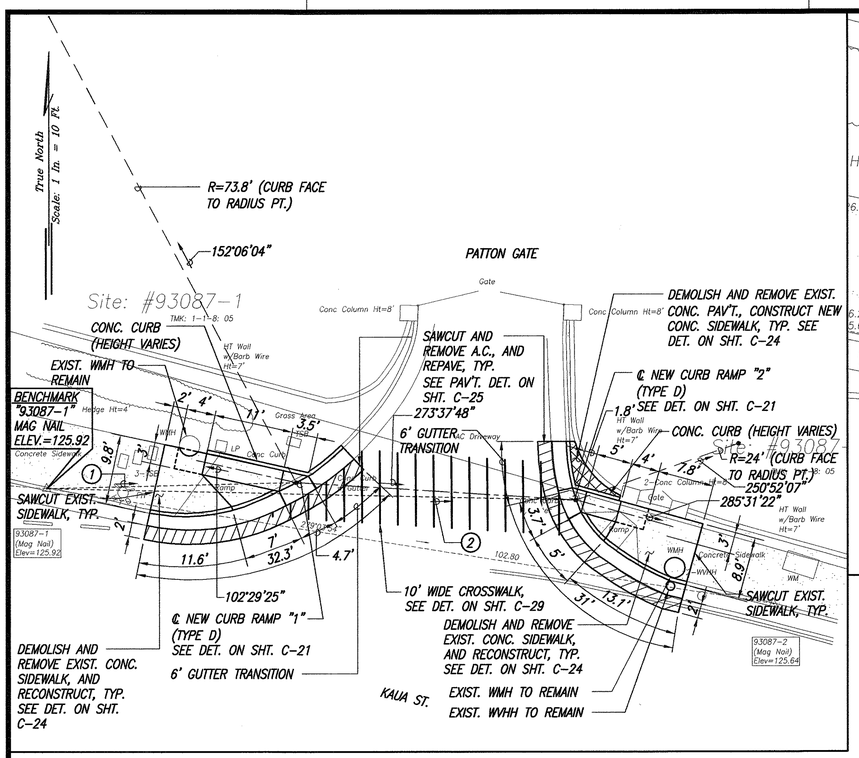
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

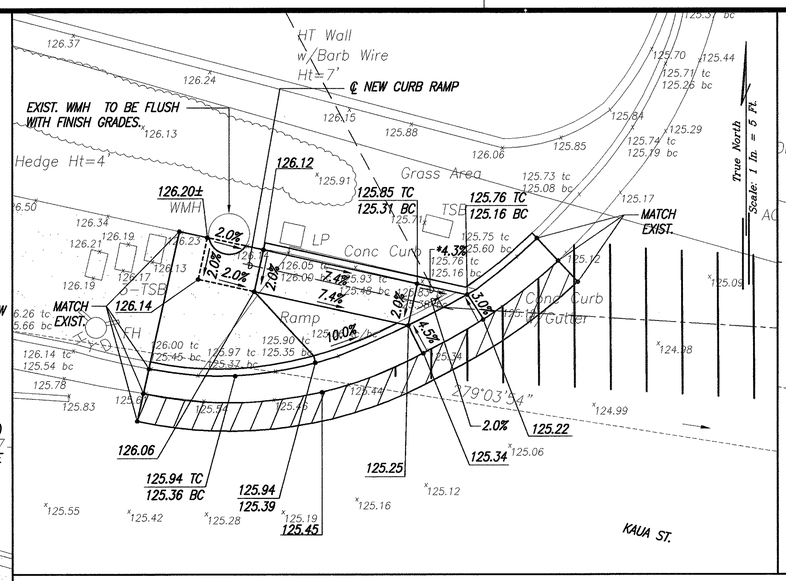
SHEET No. C-86 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-086 Plot date: Aug 20, 2004-09:44:37am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kaua Street-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	88	163

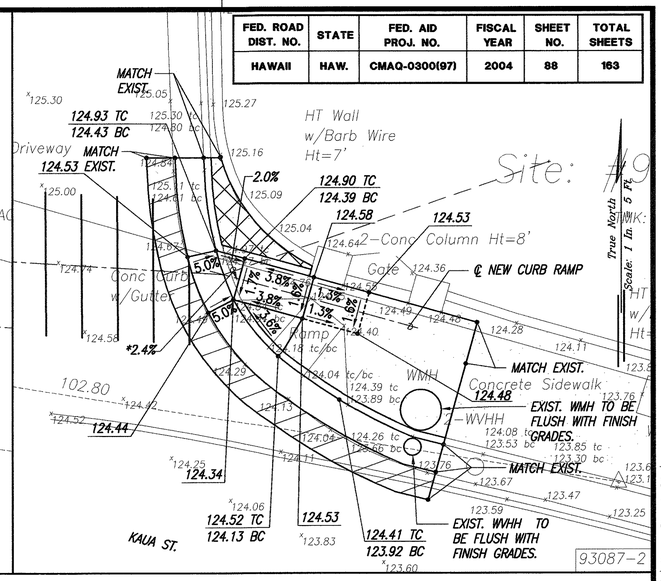


SITE PLAN – KAUA ST. & PATTON GATE
INTERS. ID NO. 93087
SCALE: 1"= 10'



RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

(1) 268°38'32" 34.89'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ OF CROSSWALK

(2) 271°16'09" 73.95'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAUA ST. & PATTON GATE

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-87 OF 122 SHEETS

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

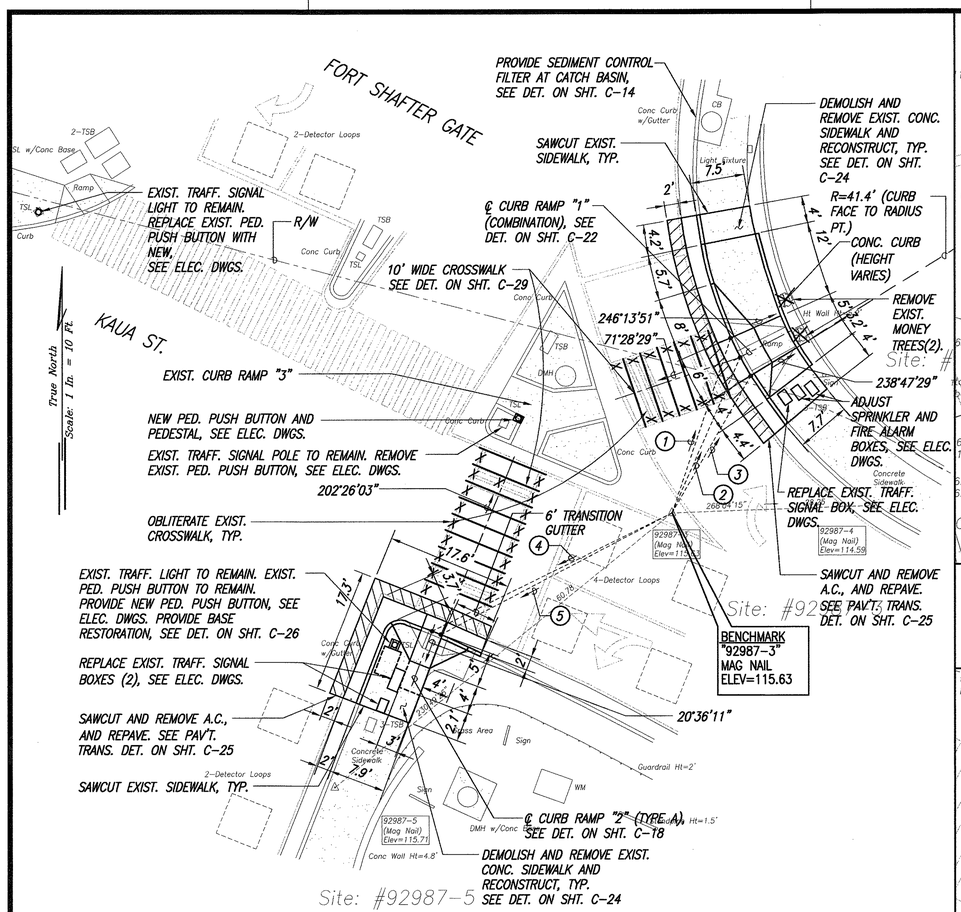
Lance S. Oyama
SIGNATURE

APRIL 30, 2006
DATE

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

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-087 Plot date: Aug 20, 2004-09:44:54am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kaua Street-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	89	163



SITE PLAN – KAUA ST. & FORT SHAFTER GATE INTERS. ID NO. 92987

SCALE: 1"= 10'

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

① 198°34'07" 25.81'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 203°40'30" 23.74'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

③ 209°53'23" 22.10'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

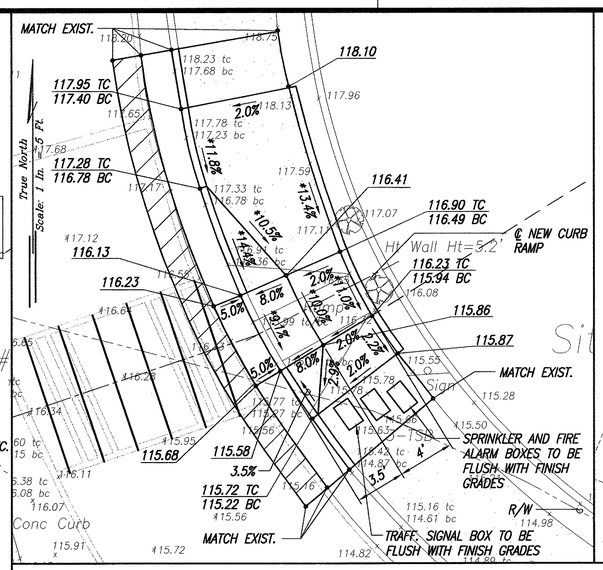
④ 63°45'05" 37.37'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

⑤ 62°13'42" 36.50'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

GRAPHIC SCALES

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

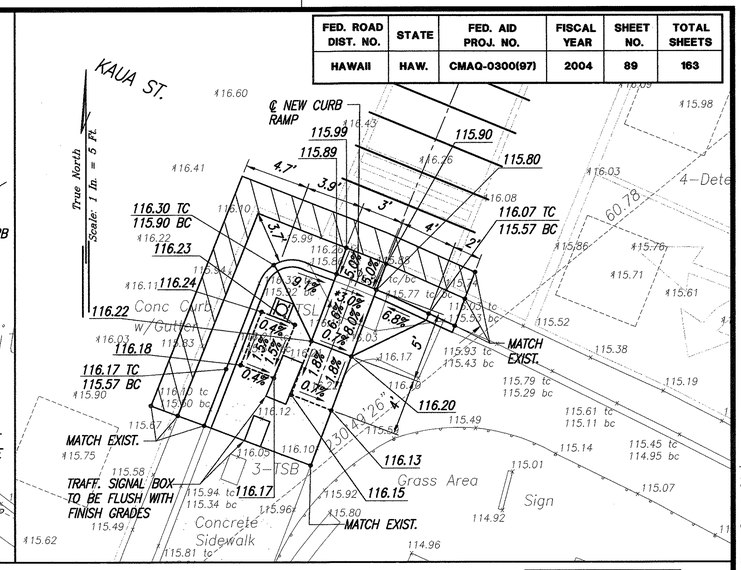
1" = 5' 5' 0 5' 10'



RAMP "1"

SCALE: 1"= 5'

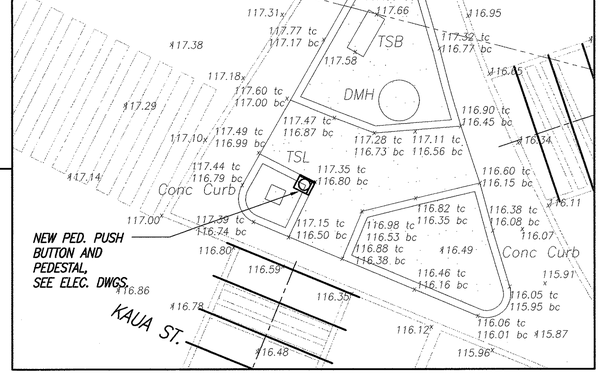
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3"

SCALE: 1"= 5'

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

SIGNATURE APRIL 30, 2006 DATE

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAUA ST. & FORT SHAFTER GATE

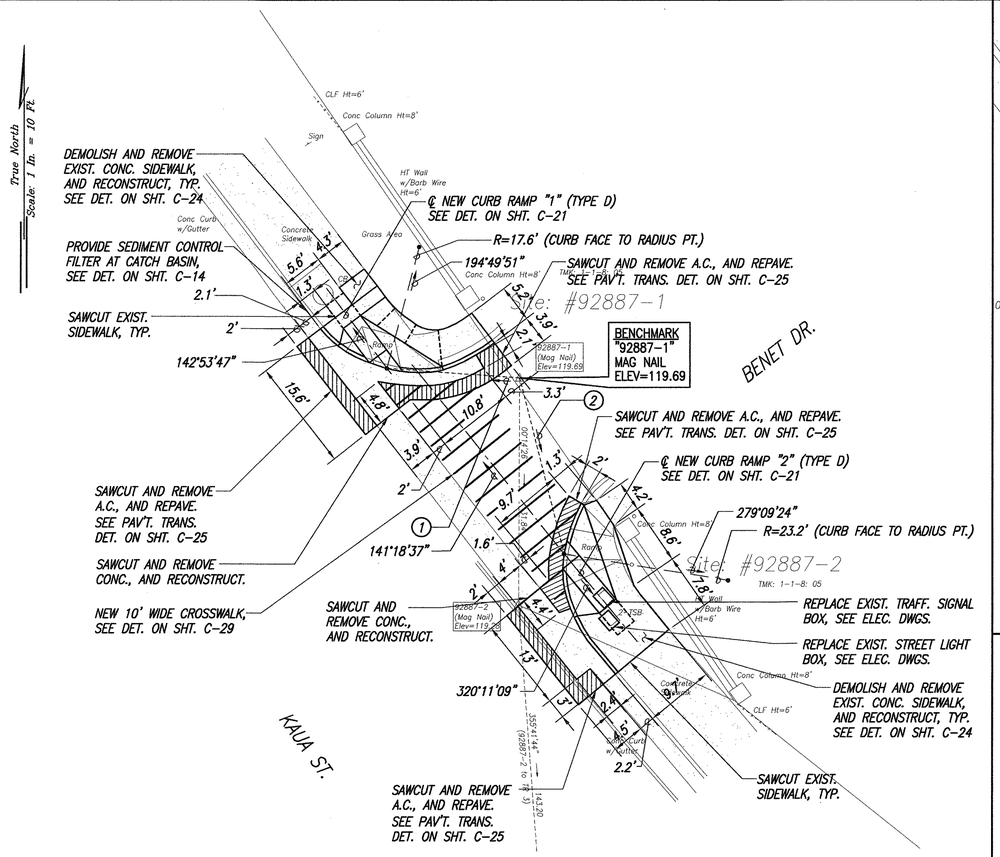
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-88 OF 122 SHEETS

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

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-088 Plot date: Aug 20, 2004-09:45:26am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kaua Street-01 |



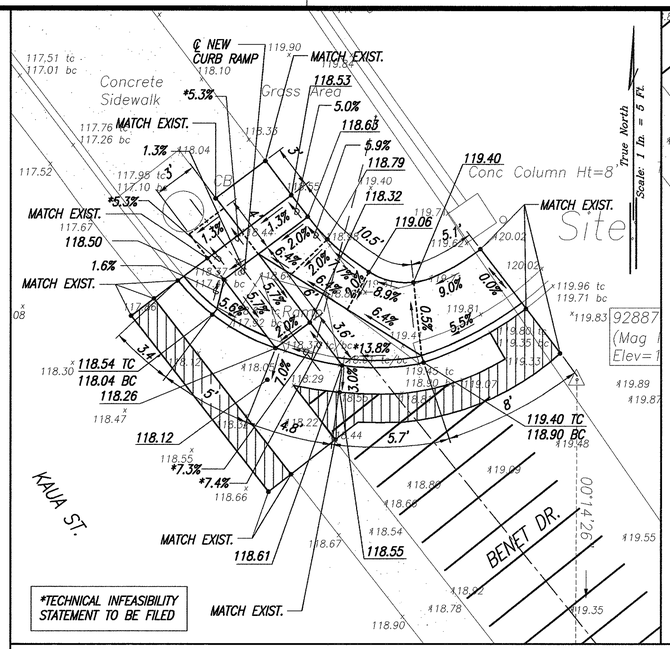
SITE PLAN – KAUA ST. & BENET DR.
INTERS. ID NO. 92887
SCALE: 1"= 10'

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

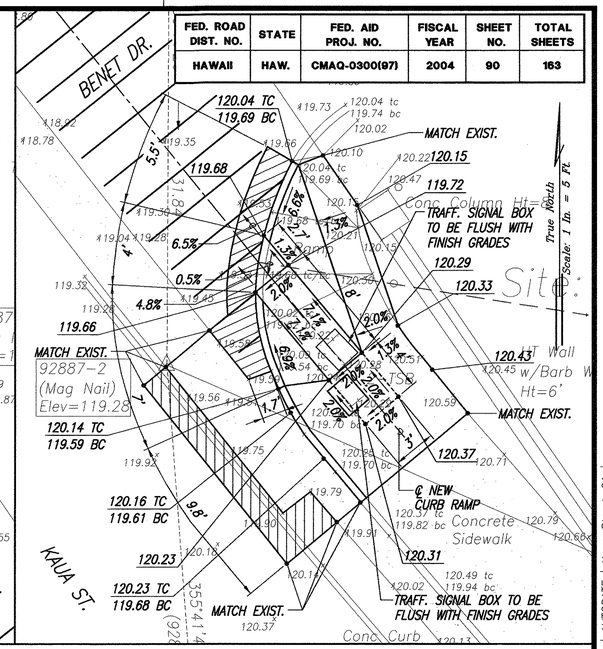
(1) 94°04'55" 18.59'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 345°48'57" 00.00'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

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



RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	90	163

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2005
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DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAUA ST. & BENET DR.

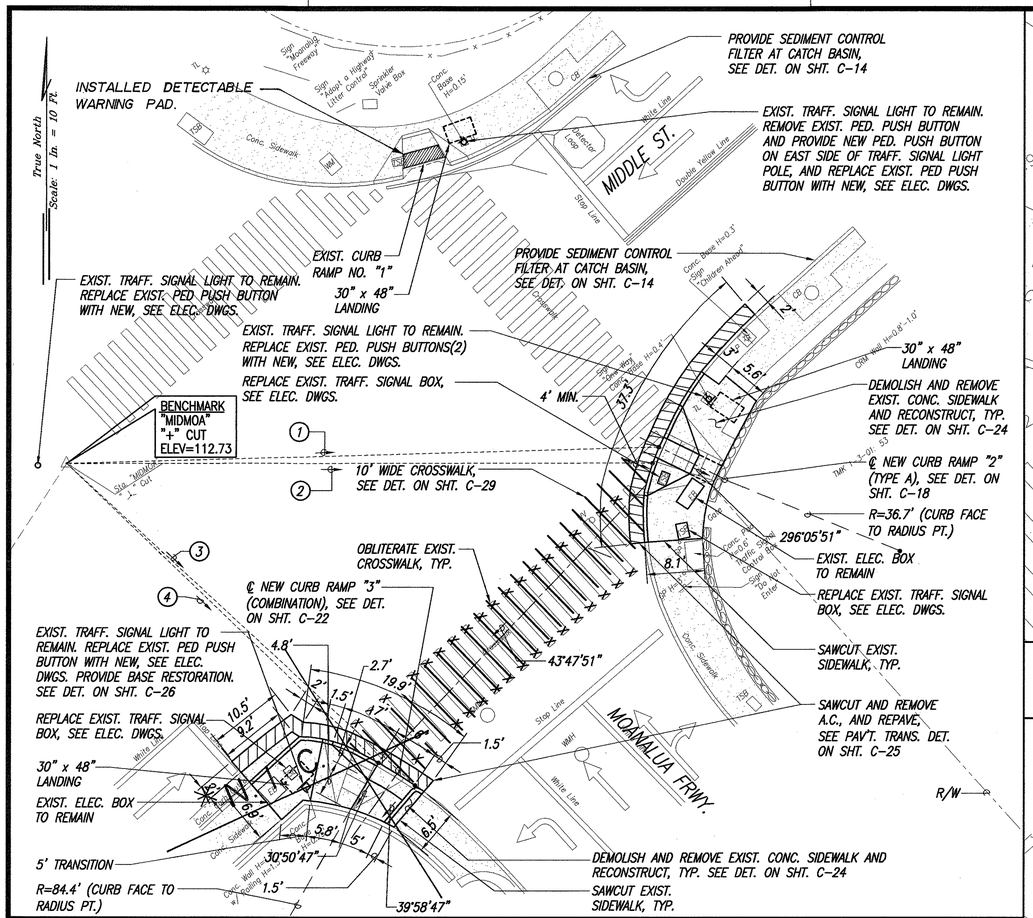
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

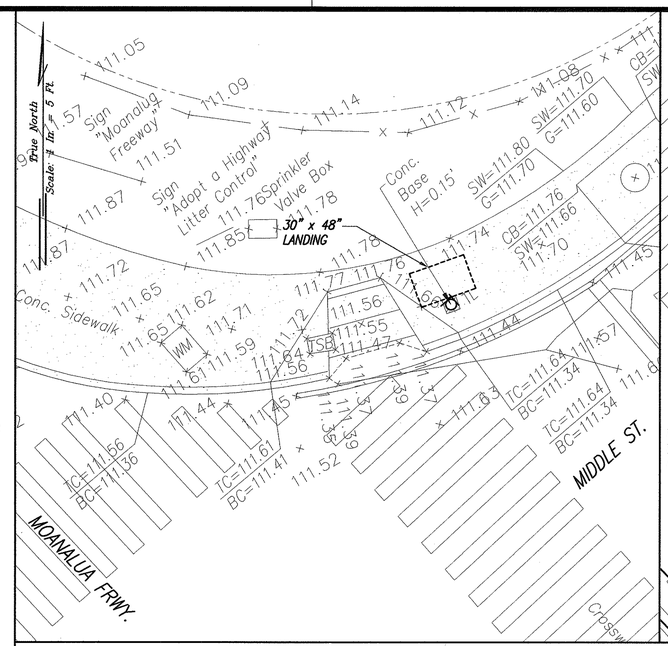
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-89 OF 122 SHEETS

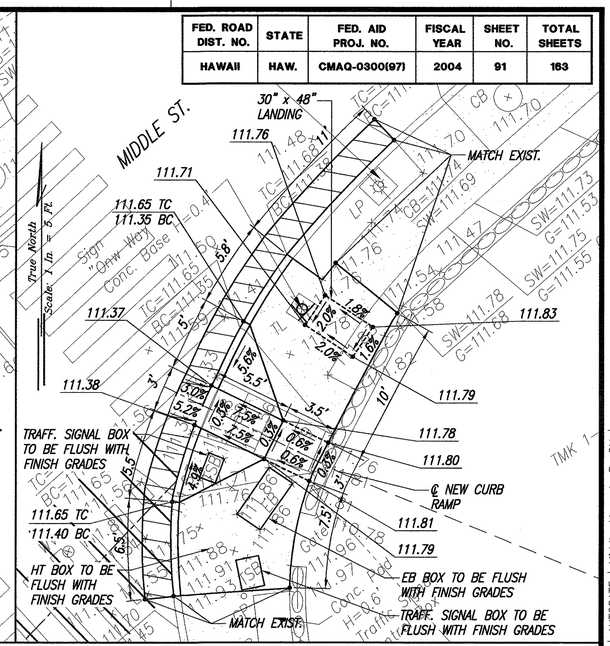
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-089 Plot date: Aug 20, 2004-09:46:10am CAD User:: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kaua Street-01 |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	91	183

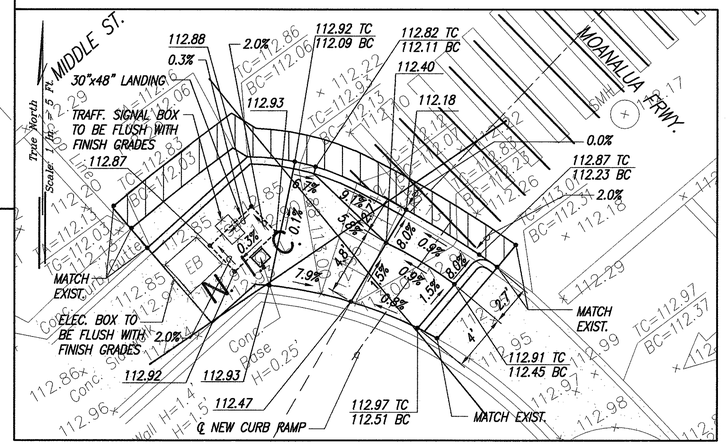




RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'

~~REF. FIELD CHANGE NO. 8~~

SITE PLAN – MIDDLE ST. & MOANALUA FREEWAY ON RAMP (WESTBOUND) INTERS. ID NO. 73087
SCALE: 1"= 10'

LEGEND

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

(1) 268°20'19" 82.77'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 269°53'08" 81.86'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 312°44'07" 66.33'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 313°49'19" 60.45'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

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

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

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

SIGNATURE APRIL 30, 2005 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
MIDDLE ST. & MOANALUA FREEWAY ON RAMP (WESTBOUND)
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

DATE	REVISION

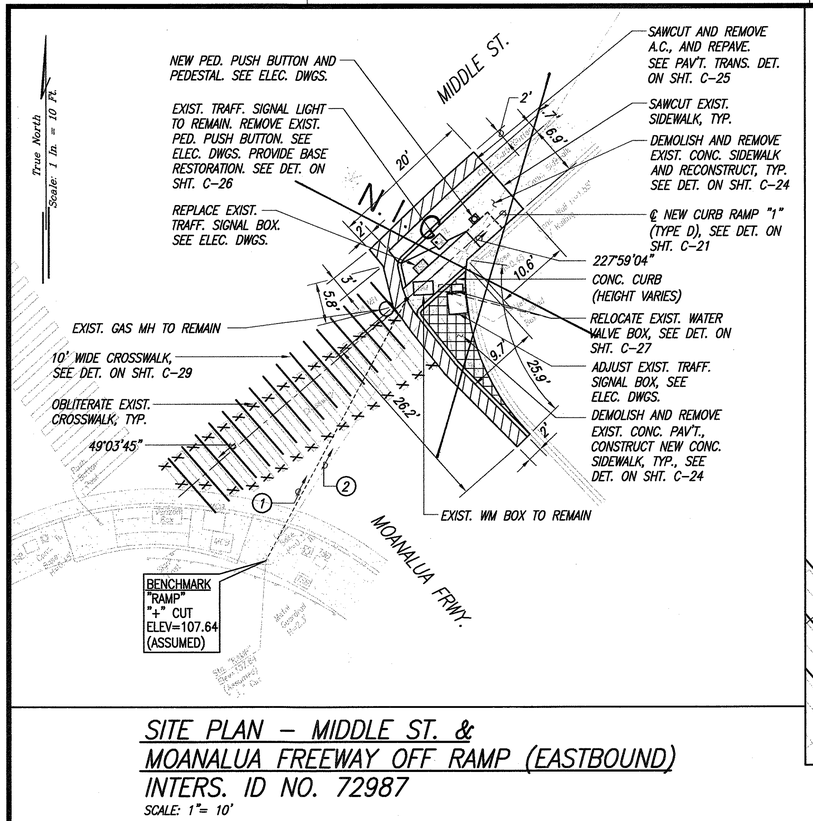
"AS-BUILT"

SHEET No. C-90 OF 122 SHEETS

91

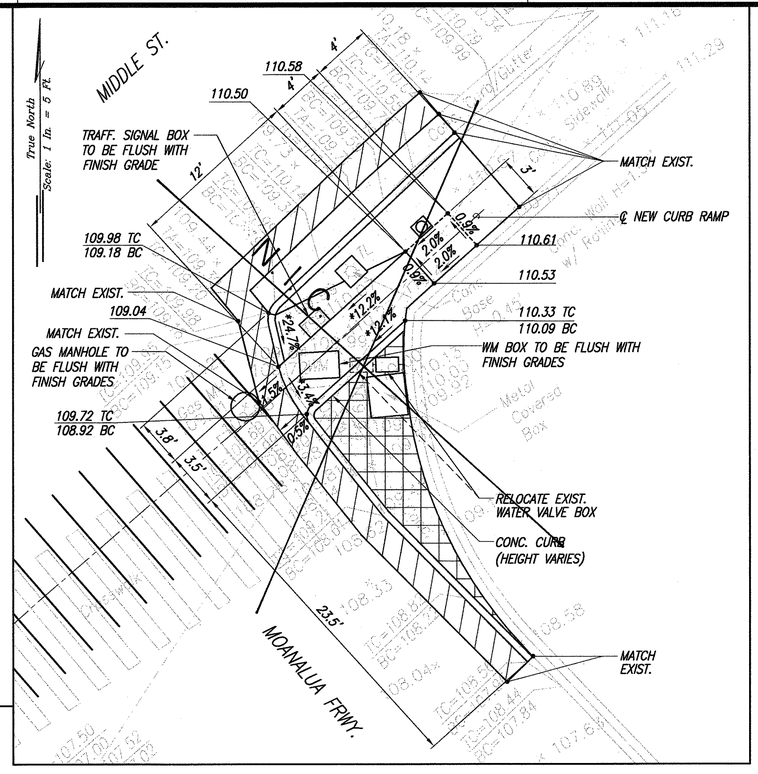
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-090 Plot date: Aug 20, 2004-09:46:40am CAD User: mkamihara Xref Filename: | Z-BORD | AUTODATE | Middle-Moanalua-fwyON |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	92	163



SITE PLAN – MIDDLE ST. & MOANALUA FREEWAY OFF RAMP (EASTBOUND) INTERS. ID NO. 72987

SCALE: 1"= 10'



RAMP "1"

SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

~~REF. FIELD CHANGE NO. 2~~

LEGEND

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

① 208°20'23" 41.59'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

② 208°22'49" 41.57'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

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

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

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

Lance S. Oyama
SIGNATURE

APRIL 30, 2006
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
MIDDLE ST. & MOANALUA FREEWAY OFF RAMP (EASTBOUND)
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-91 OF 122 SHEETS

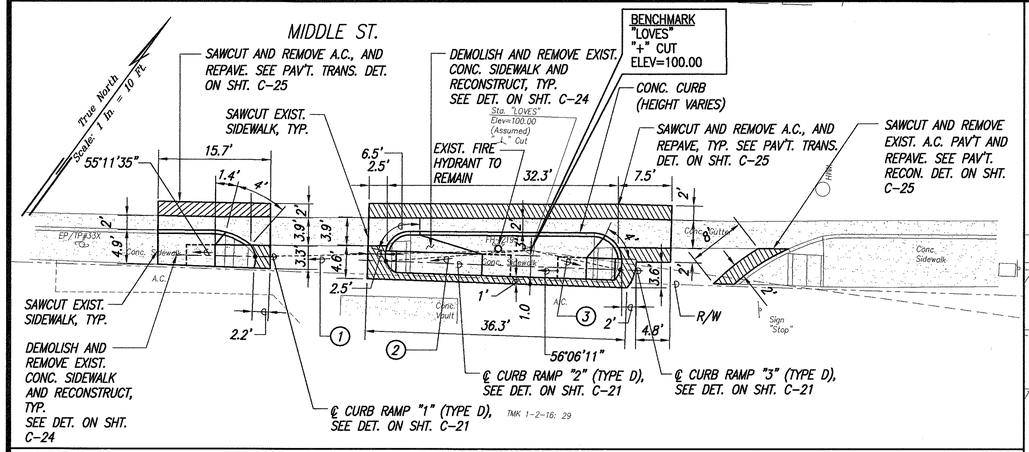
DATE	REVISION

"AS-BUILT"

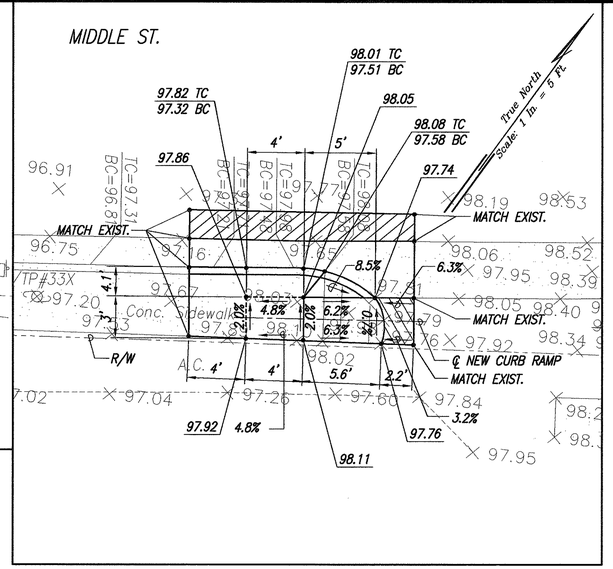
92

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-091 Plot date: Aug 20, 2004-09:49:53am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Middle_MoanaluaFwy |

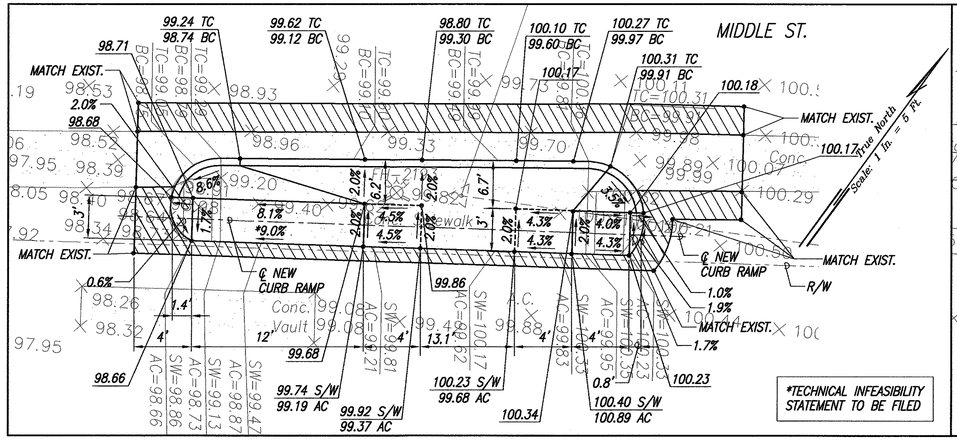
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	93	163



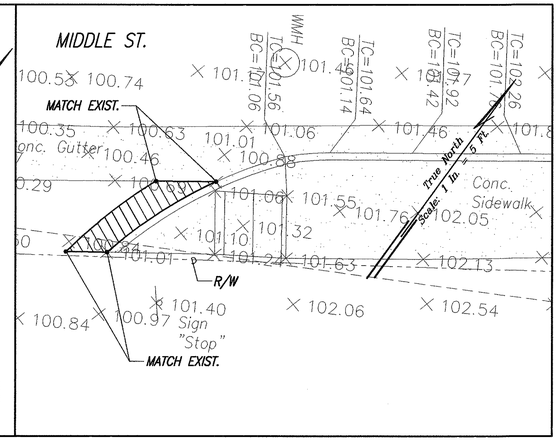
SITE PLAN – MIDDLE ST. & LOVES BAKERY
INSTERS. ID NO. 72887
SCALE: 1"= 10'



RAMP "1"
SCALE: 1"= 5'



RAMP "2" & "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'

LEGEND

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

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

① 52°35'39" 38.49'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 49°38'12" 20.25'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

③ 246°19'08" 12.86'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

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

DATE	REVISION

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

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
MIDDLE ST. & LOVE'S BAKERY

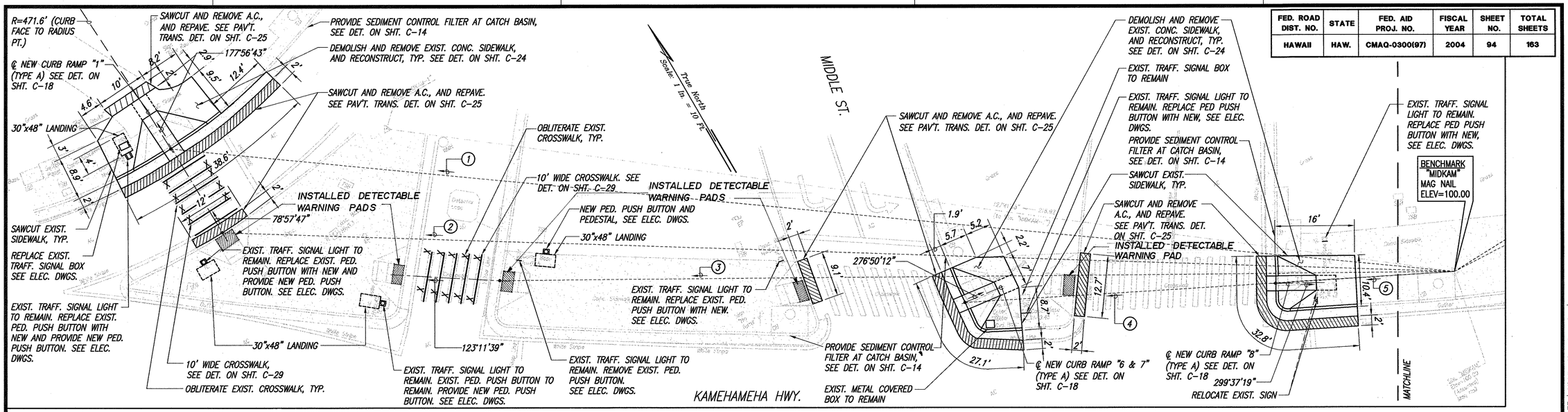
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

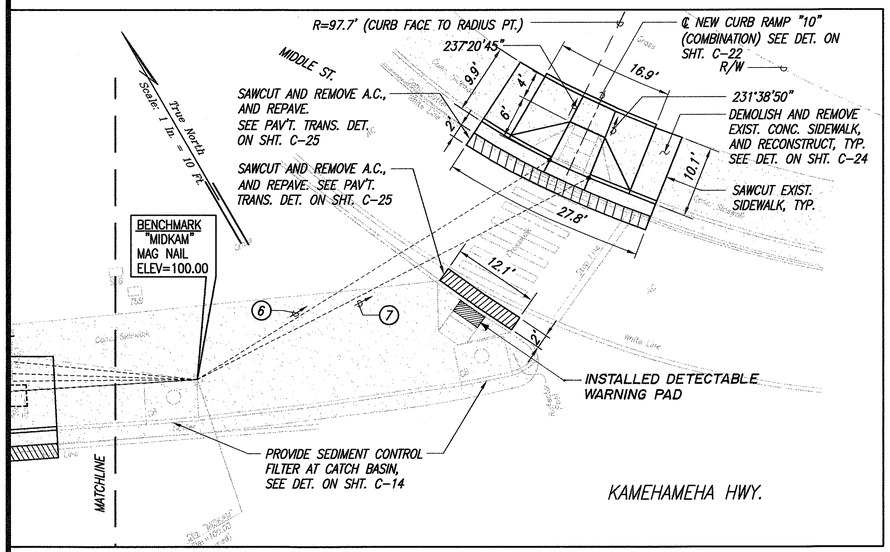
SHEET No. C-92 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-092 Plot date: Aug 20, 2004-09:50:14am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Middle-LovesBakery |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	94	163



SITE PLAN – MIDDLE ST. & KAMEHAMEHA HWY.
INTERS. ID NO. 72187
SCALE: 1"= 10'



SITE PLAN – MIDDLE ST. & KAMEHAMEHA HWY.
INTERS. ID NO. 72187
SCALE: 1"= 10'

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

① 125°31'59" 259.72'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 121°52'50" 248.22'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

③ 119°31'42" 192.19'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

④ 166°27'44" 98.68'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

⑤ 116°20'03" 36.06'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

⑥ 268°04'13" 58.06'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑦ 272°44'05" 61.57'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

*FOR ADDITIONAL DIMENSIONS, SEE GRADING PLAN

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
MIDDLE ST. & KAMEHAMEHA HWY.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

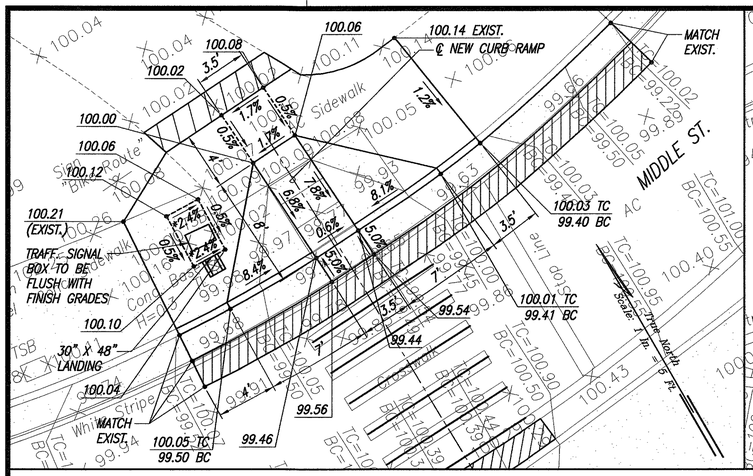
SHEET No. C-93 OF 122 SHEETS

"AS-BUILT"

94

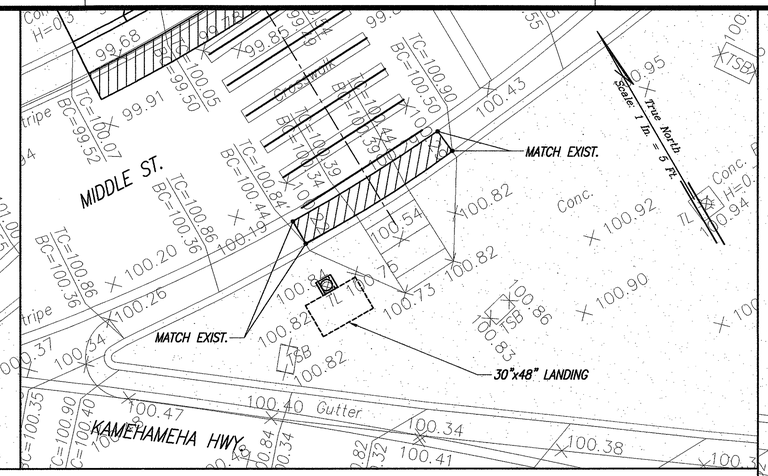
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-093 Plot date: Aug 20, 2004-09:50:29am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Middle-Kamehameha |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	95	163

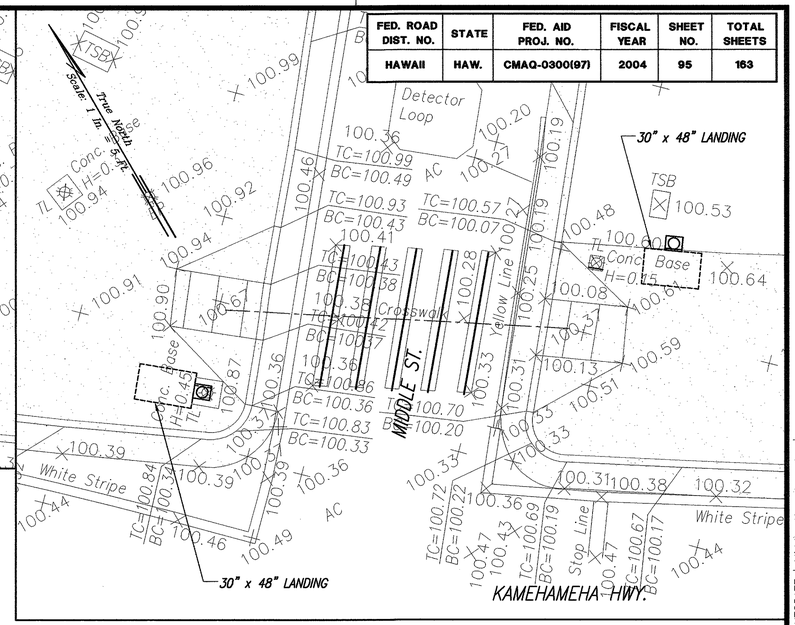


RAMP "1"
SCALE: 1"= 5'

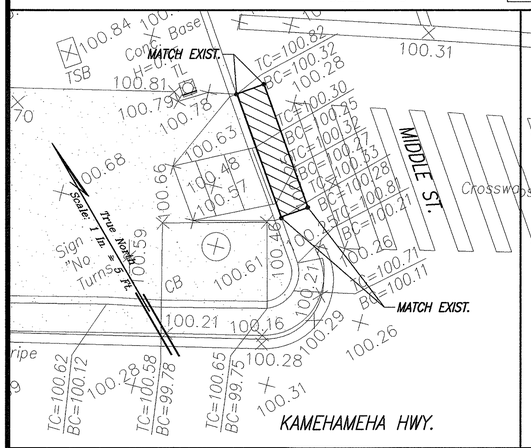
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

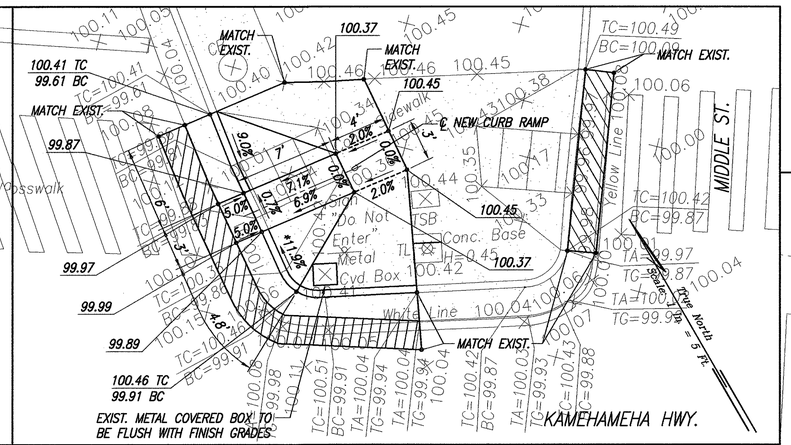


RAMP "2"
SCALE: 1"= 5'



RAMPS "3 & 4"
SCALE: 1"= 5'

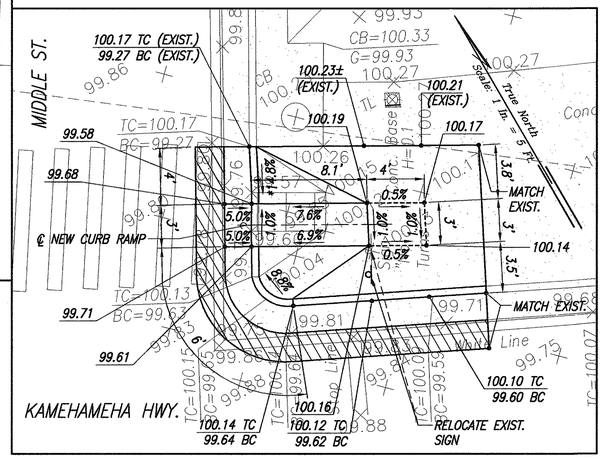




RAMP "5"
SCALE: 1"= 5'

RAMPS "6 & 7"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "8"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

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

GRADING PLAN – MIDDLE ST. & KAMEHAMEHA HWY.
INTERS. ID NO. 72187
SCALE: 1"= 5'

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – 1
MIDDLE ST. & KAMEHAMEHA HWY.

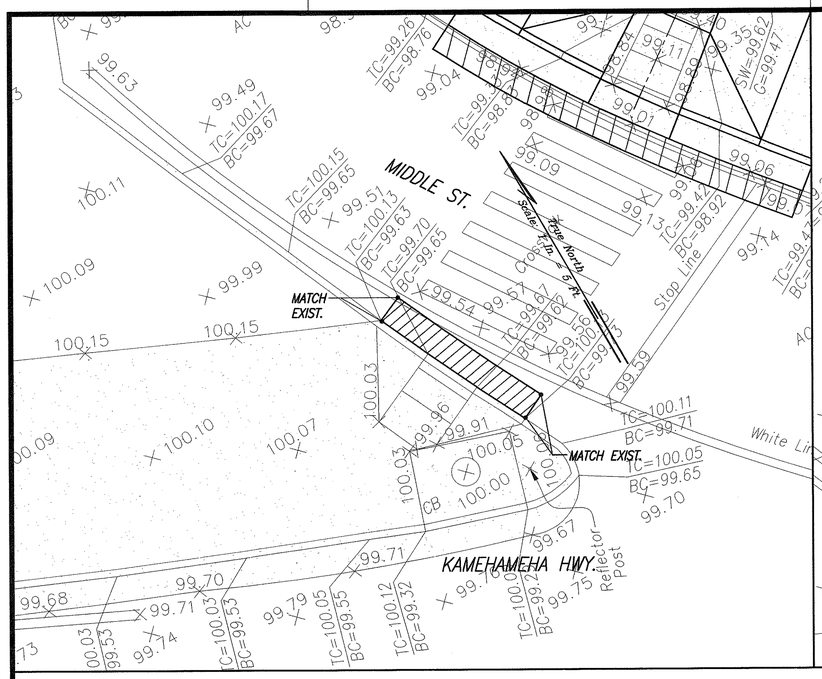
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

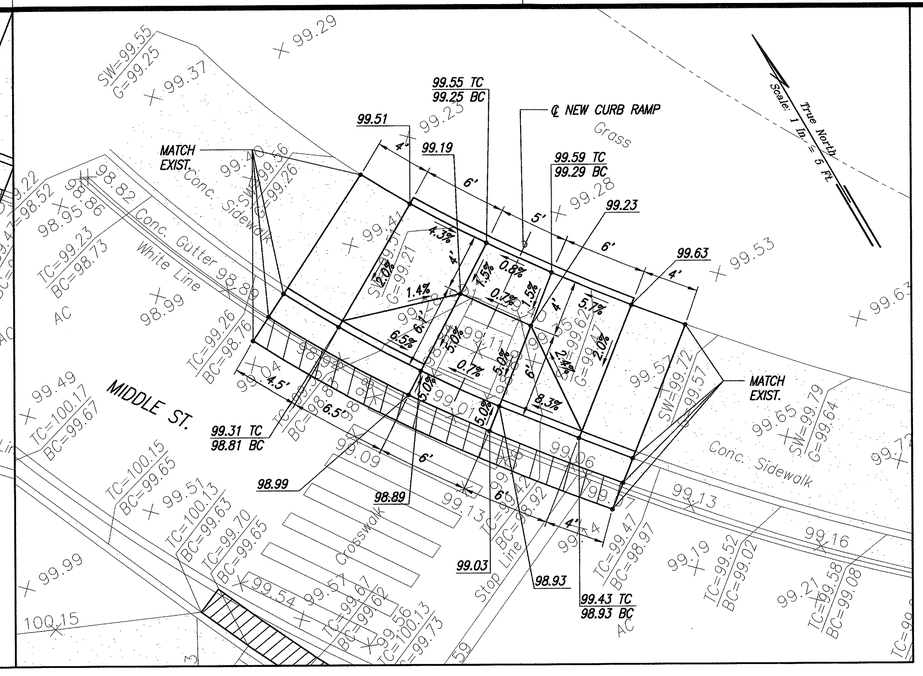
SHEET No. C-94 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-094 Plot date: Aug 20, 2004-01:10:26pm CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Middle-Kamehameha |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	96	163



RAMP "9"
SCALE: 1"= 5'



RAMP "10"
SCALE: 1"= 5'

LEGEND

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

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

GRADING PLAN – MIDDLE ST. & KAMEHAMEHA HWY.
INSTERS. ID NO. 72187
SCALE: 1"= 5'

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – 2
MIDDLE ST. & KAMEHAMEHA HWY.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

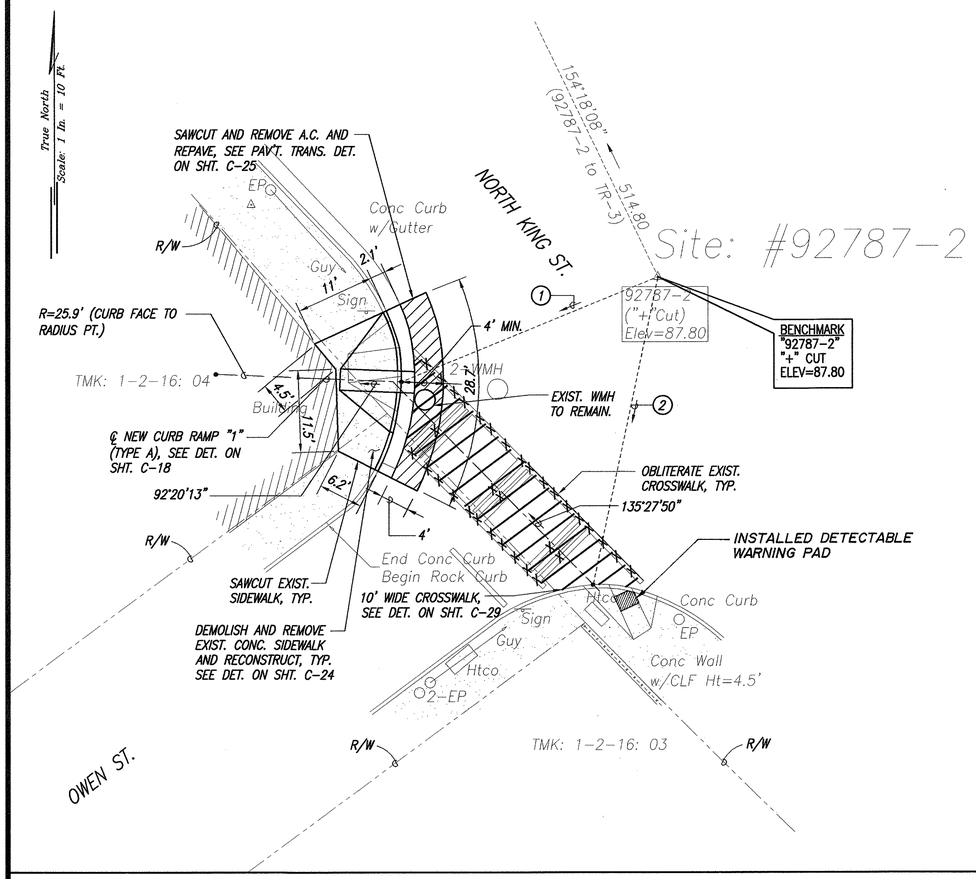
SHEET No. C-95 OF 122 SHEETS

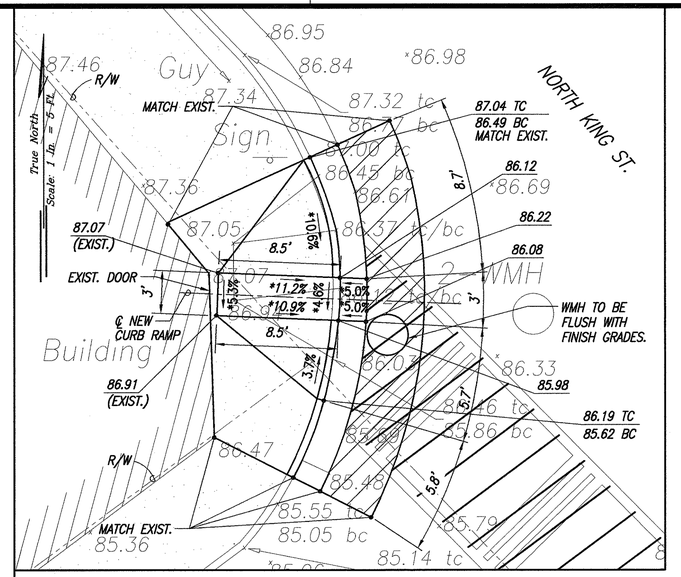
DATE	REVISION

96

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-095 Plot date: Aug 20, 2004-09:51:07am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Middle-Kamehameha |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	97	163





RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – NORTH KING ST. & OWEN ST.
INTERS. ID NO. 92787
SCALE: 1"= 10'

LEGEND

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

(1) 67°41'47" 38.71'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 11°53'12" 44.05'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

GRAPHIC SCALES

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

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

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
NORTH KING ST. & OWEN ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

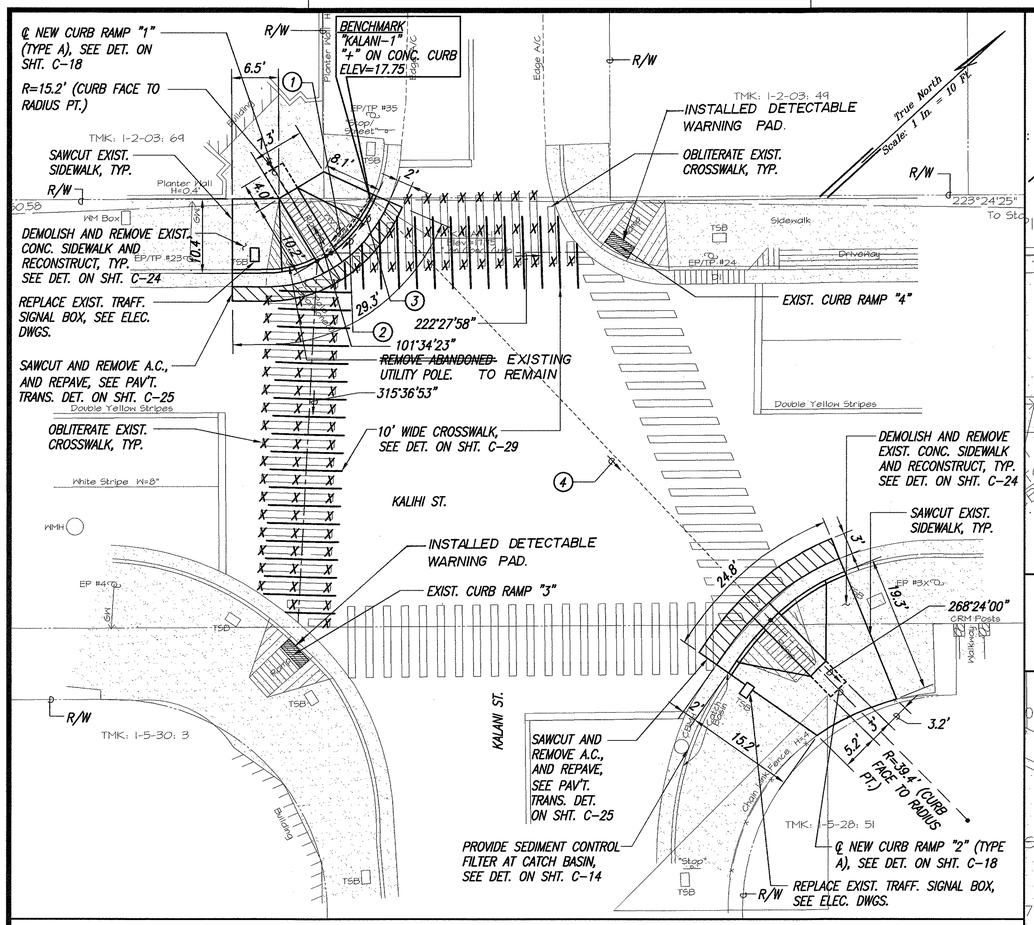
SHEET No. C-96 OF 122 SHEETS

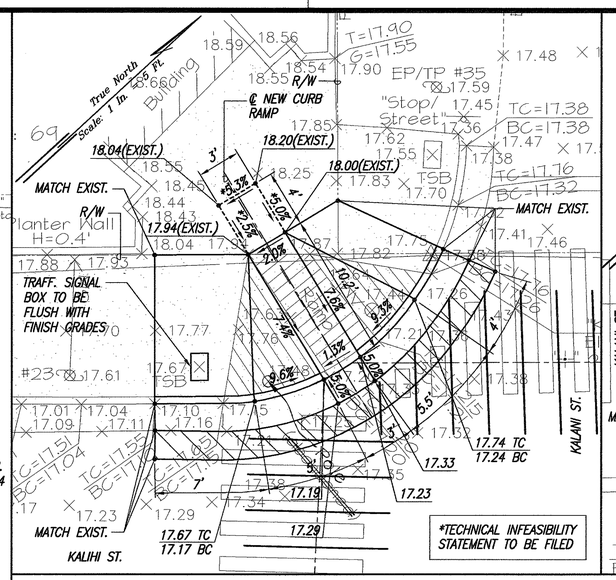
AS-BUILT

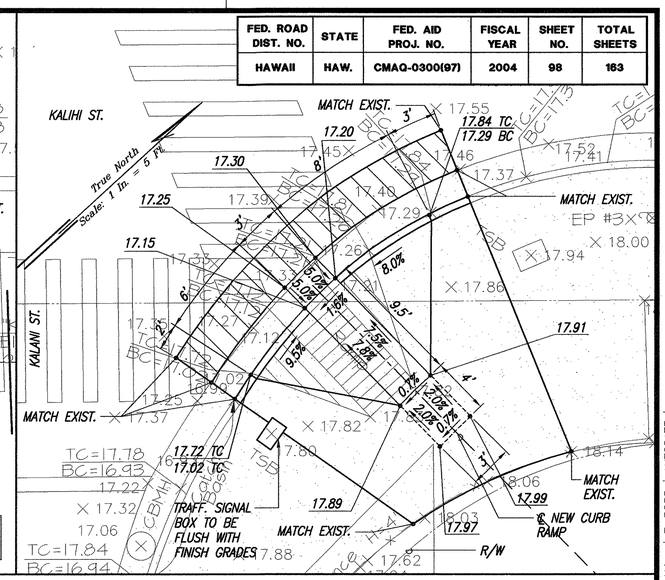
97

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-096 Plot date: Aug 20, 2004-09:51:23am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | NorthKing-Owen |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	98	163

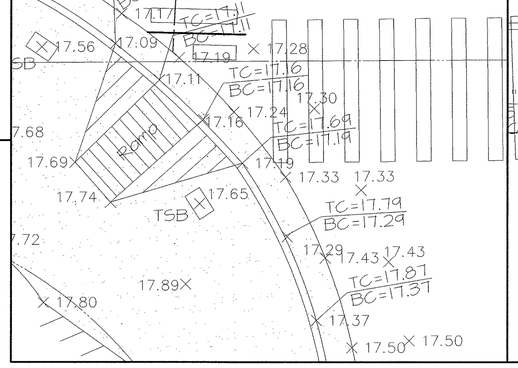


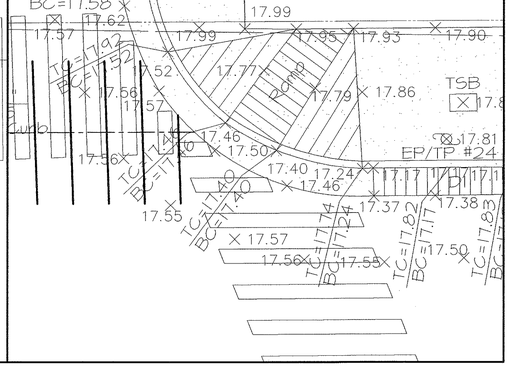




RAMP "1"
SCALE: 1"= 5'

RAMP "2"
SCALE: 1"= 5'





RAMP "3"
SCALE: 1"= 5'

RAMP "4"
SCALE: 1"= 5'

SITE PLAN – KALIHI ST. & KALANI ST.
INTERS. ID NO. 70187
SCALE: 1"= 10'

LEGEND

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

① 353°16'35" 11.41'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

② 350°25'25" 10.06'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

③ 348°50'42" 9.33'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

④ 269°07'35" 81.28'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

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

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
KALIHI ST. & KALANI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

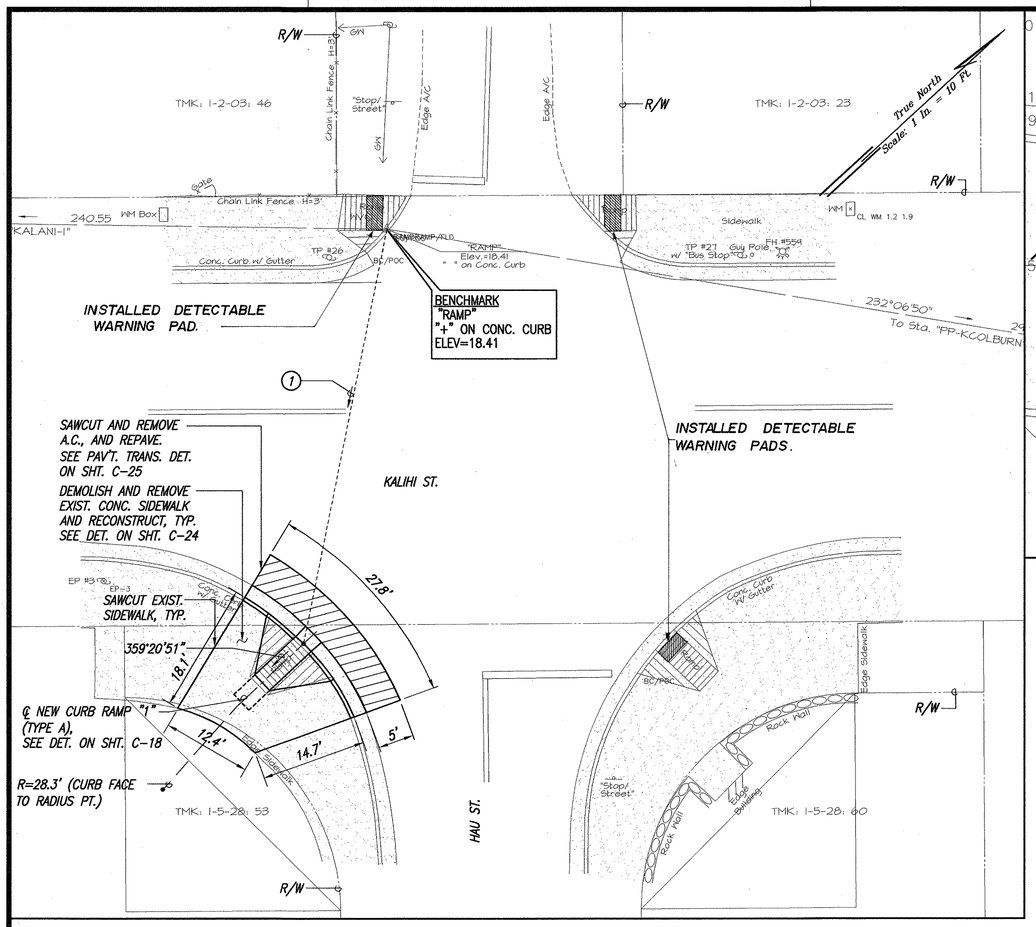
SHEET No. C-97 OF 122 SHEETS

DATE	REVISION

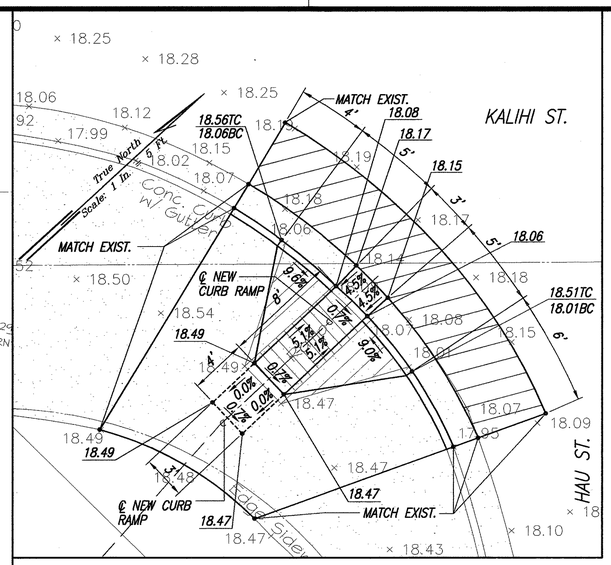
"AS-BUILT" 98

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-097 Plot date: Aug 20, 2004-09:51:44am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	99	163



SITE PLAN KALIHI ST. & HAU ST.
INTERS. ID NO. 70287
SCALE: 1"= 10'



RAMP "1"
SCALE: 1"= 5'

LEGEND

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

① 325°59'45" 59.21'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-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.

Lance S. Oyama — 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 & GRADING PLAN
KALIHI ST. & HAU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-98 OF 122 SHEETS

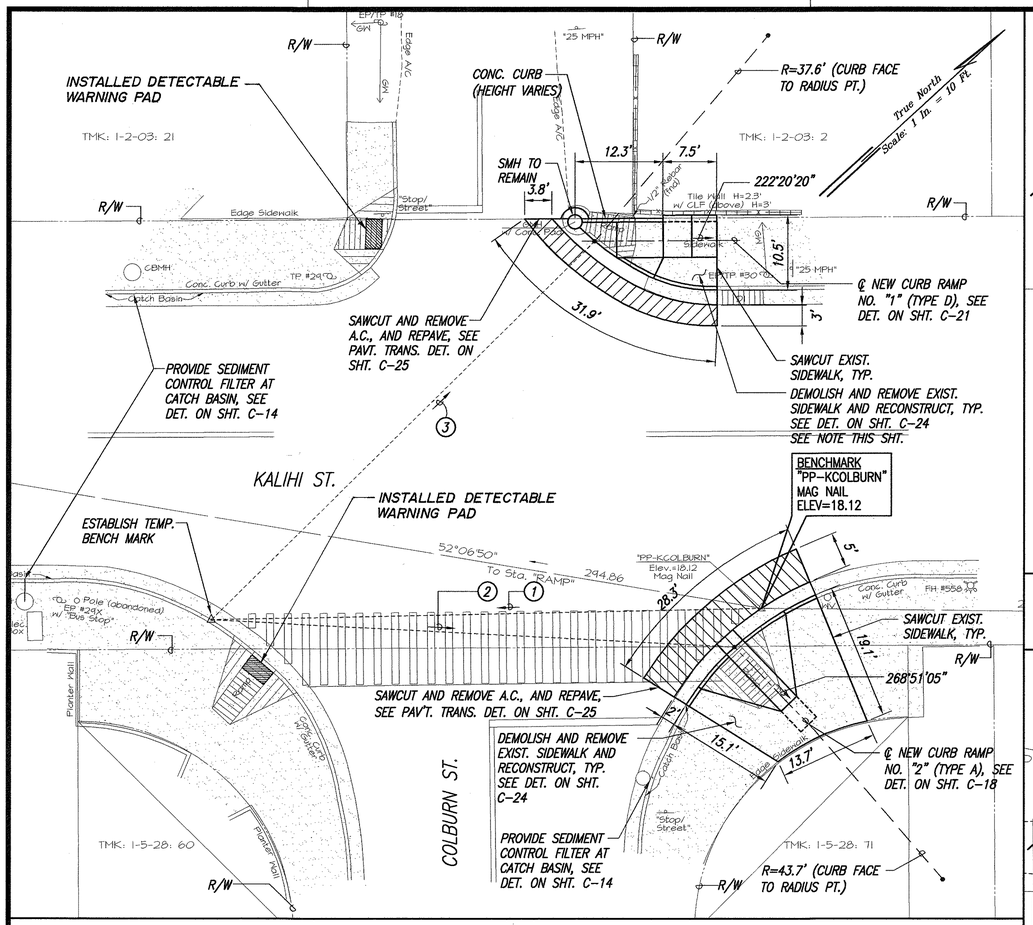
DATE	REVISION

"AS-BUILT"

99

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-098 Plot date: Aug 20, 2004-09:51:59am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	100	163



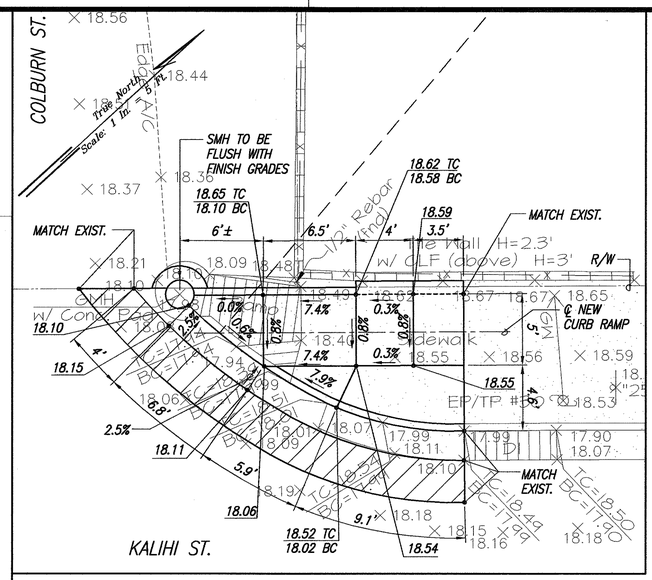
SITE PLAN – KALIHI ST. & COLBURN ST.
INTERS. ID NO. 70387
SCALE: 1"= 10'

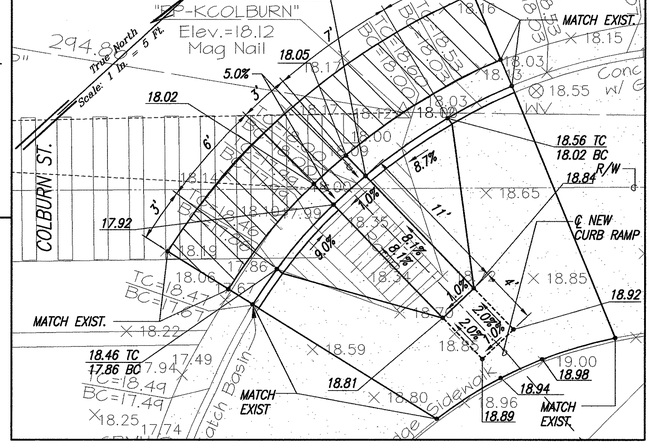
LEGEND	
X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC	FINISHED TOP OF CURB
51.00 BC	FINISHED BOTTOM OF CURB

(1) 41°26'57" 76.86'
TIE: BM TO TEMP. BM

(2) 225°38'28" 73.18'
TIE: TEMP. BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(3) 177°55'40" 75.33'
TIE: TEMP. BM TO INTERSECTION OF ℄ RAMP AND CURB FACE





NOTE:
LIMIT EXCAVATION TO NO MORE THAN 12" BEYOND THE EDGE OF SIDEWALK.

GRAPHIC SCALES

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

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE April 30, 2005 DATE

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KALIHI ST. & COLBURN ST.

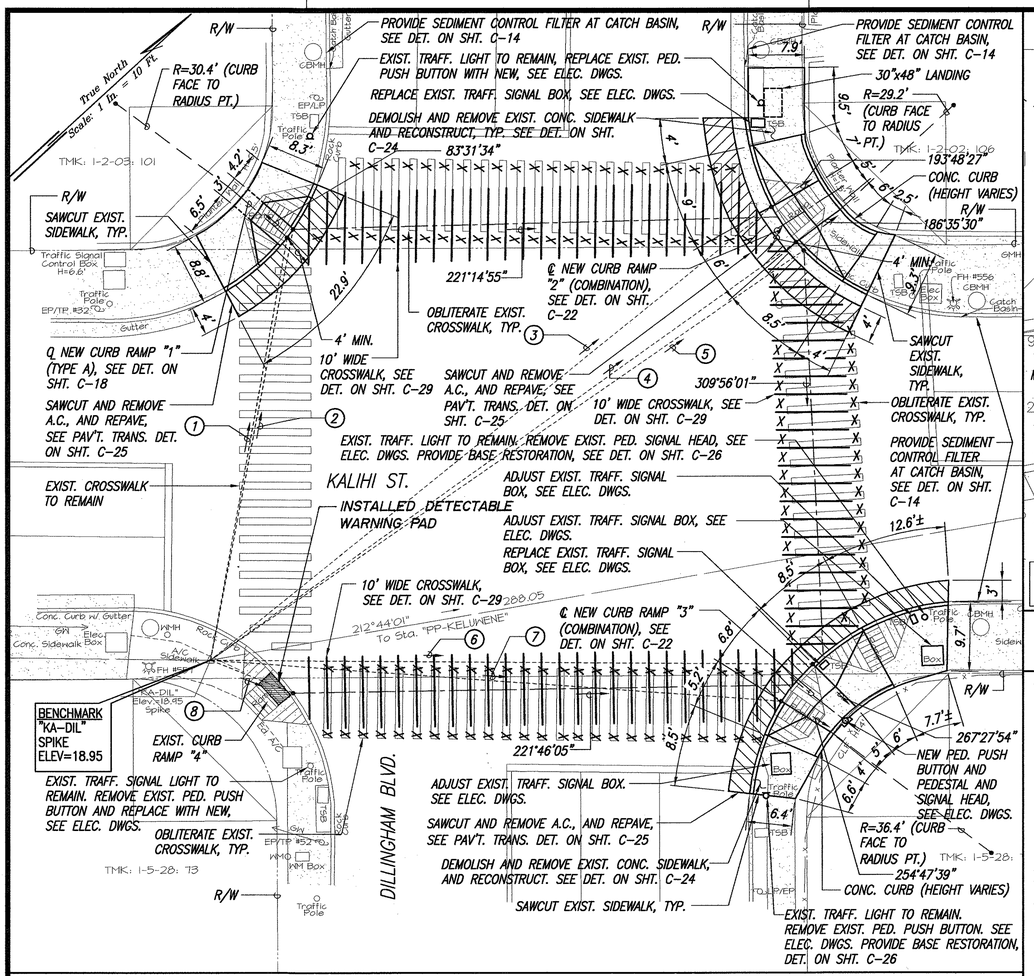
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

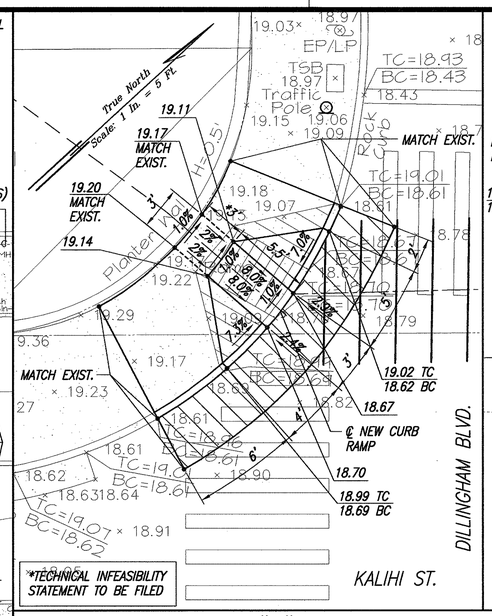
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-99 OF 122 SHEETS

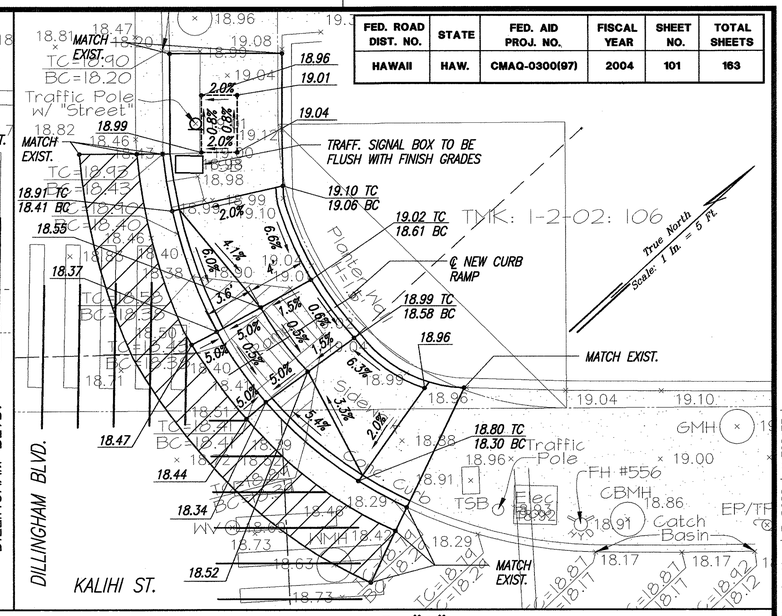
"AS-BUILT" 100

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-099 Plot date: Aug 20, 2004-09:52:16am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

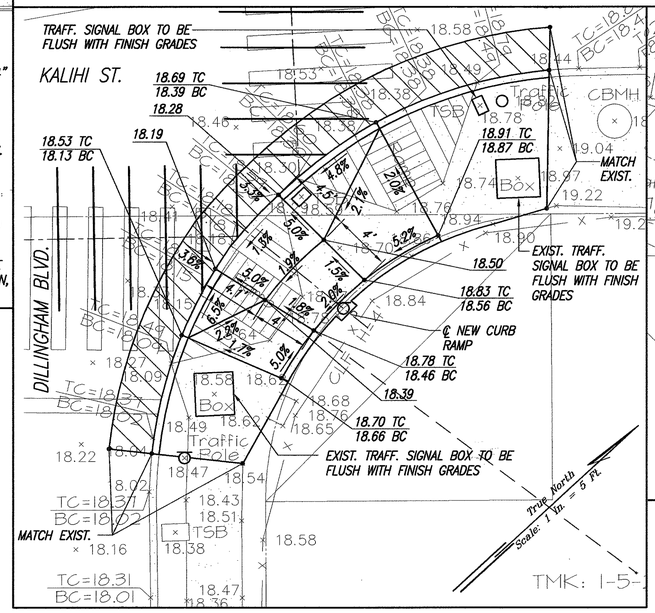




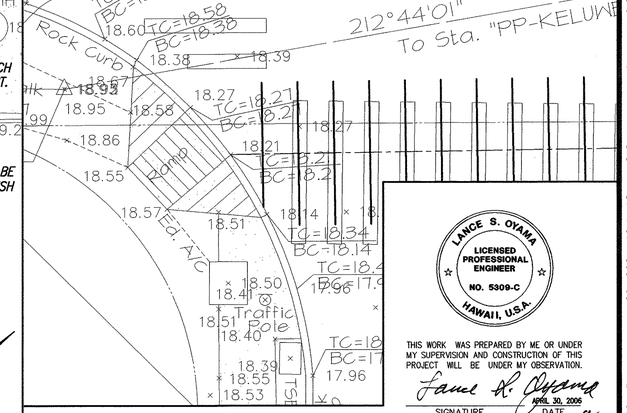
RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'

SITE PLAN – KALIHI ST. & DILLINGHAM BLVD.
INTERS. ID NO. 70487

SCALE: 1"= 10'

LEGEND

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

GRAPHIC SCALES

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

1" = 5' (5' 0 5' 10')

(1) 142°56'47" 60.12'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 143°30'50" 61.42'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 183°41'56" 100.87'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 187°06'32" 100.60'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 187°59'44" 100.80'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 223°04'24" 84.16'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(7) 226°49'07" 79.98'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 244°21'47" 12.45'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	101	163

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

SIGNATURE DATE April 30, 2005

"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
KALIHI ST. & DILLINGHAM BLVD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

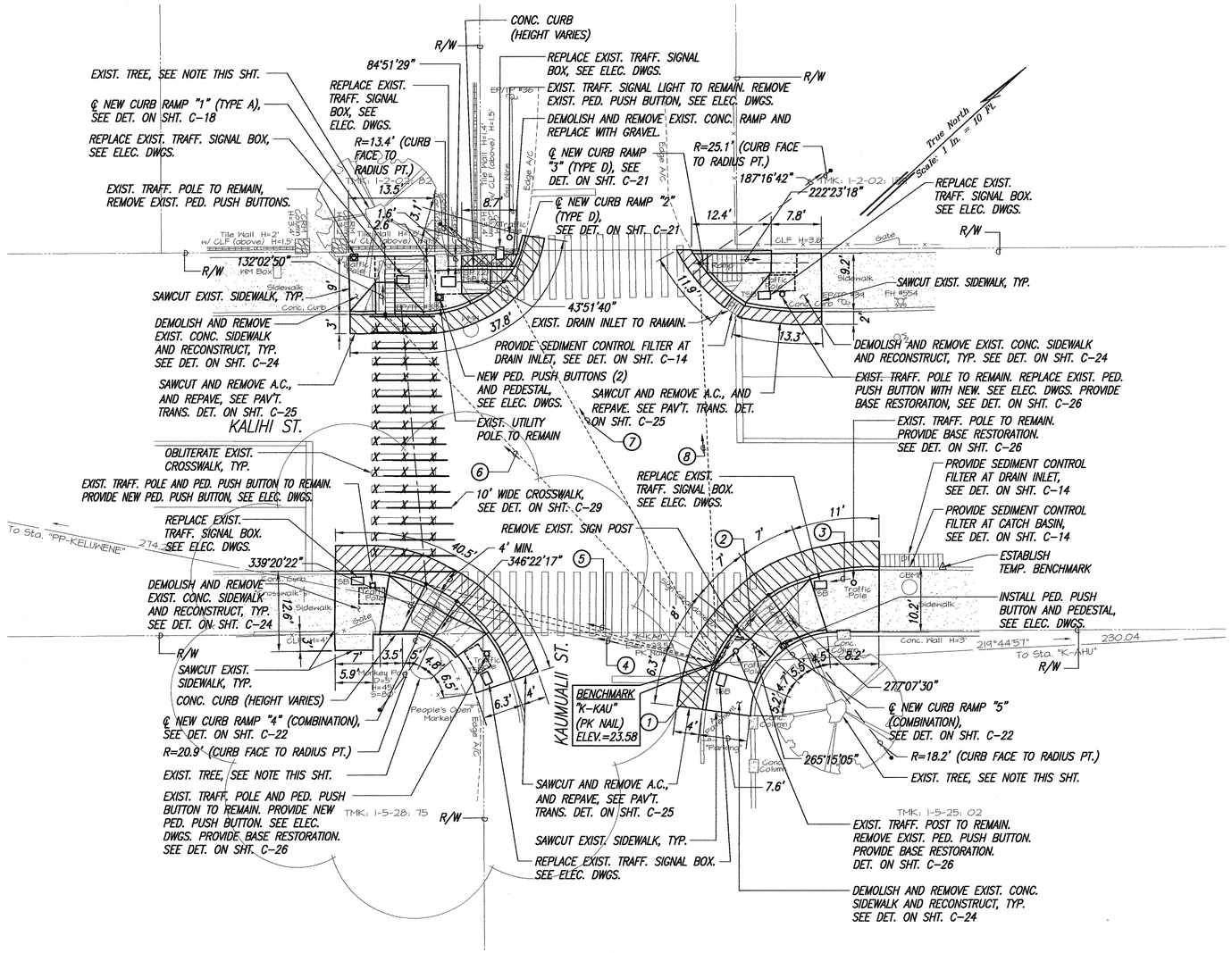
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-100 OF 122 SHEETS

"AS-BUILT" 101

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-100 Plot date: Aug 20, 2004-10:14:18am CAD User: mkamihara Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	102	163



(1) 160°17'59" 6.59'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 169°56'45" 13.41'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 56°09'32" 41.78'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 58°00'56" 47.10'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 89°16'12" 75.42'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(6) 103°37'45" 68.52'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(7) 130°12'24" 62.78'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

NOTE:
CONTRACTOR TO NOTIFY ARBORIST 2 WEEKS PRIOR TO DEMOLITION.

*FOR ADDITIONAL DIMENSIONS, SEE GRADING PLAN

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 8309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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

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

SITE PLAN – KALIHI ST. & KAUMUALII ST.
INTERS. ID NO. 70687
SCALE: 1"= 10'

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KALIHI ST. & KAUMUALII ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

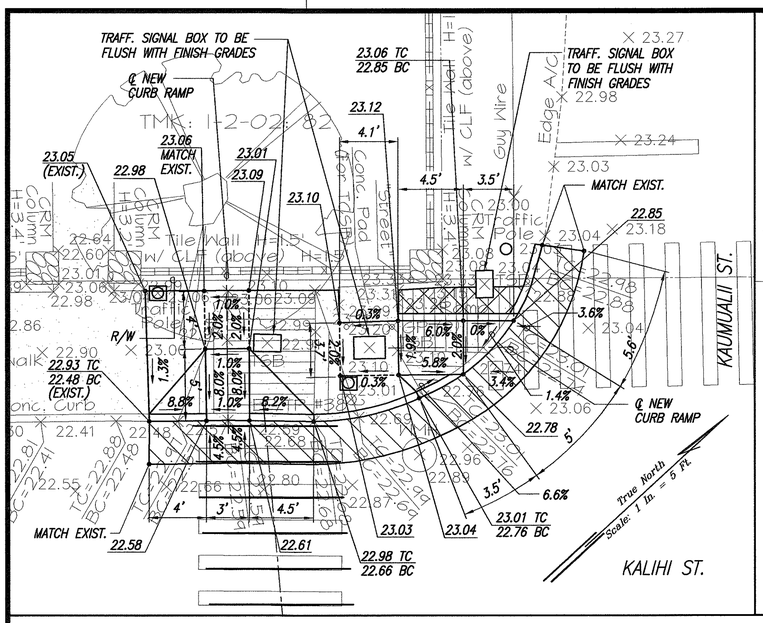
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-101 OF 122 SHEETS

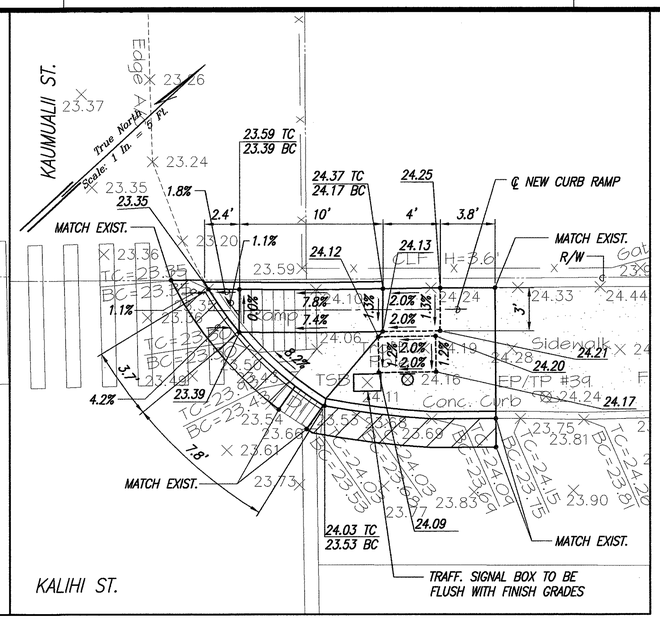
102

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-101 Plot date: Aug 20, 2004-10:19:27am CAD User: mkamihara Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

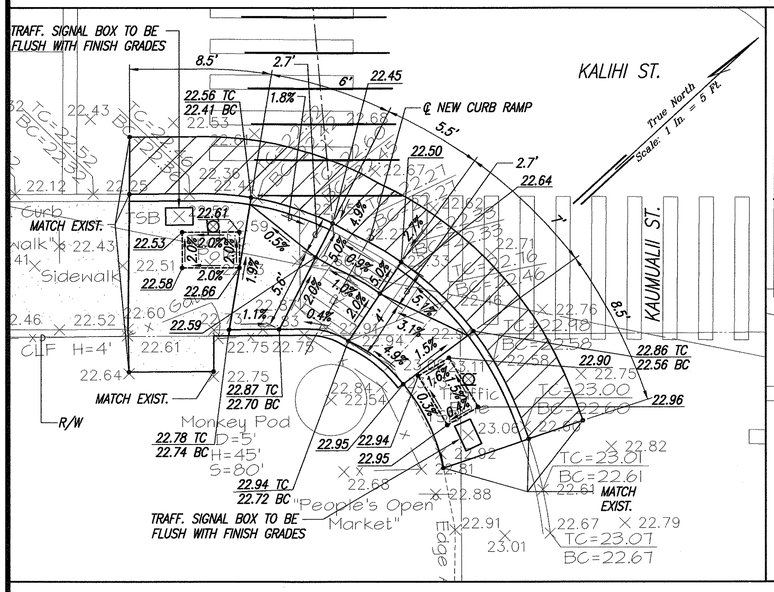
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	103	163



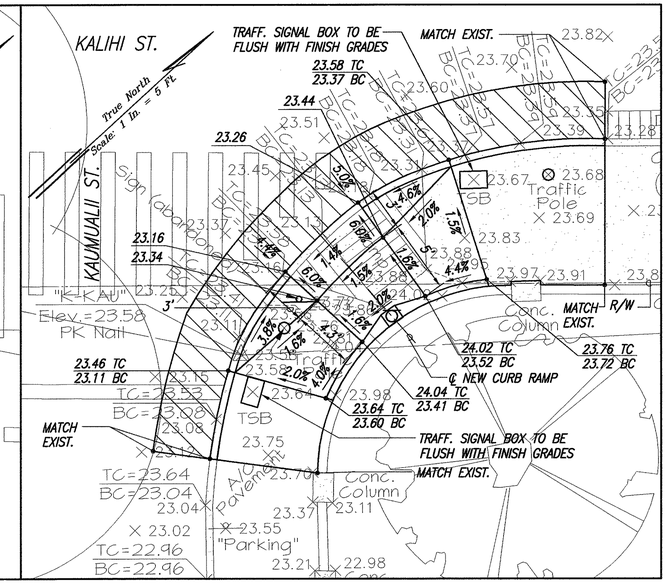
RAMP "1 & 2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'



RAMP "5"
SCALE: 1"= 5'

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

GRADING PLAN – KALIHI ST. & KAUMUALII ST.
INTERS. ID NO. 70687
SCALE: 1"= 5'

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KALIHI ST. & KAUMUALII ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

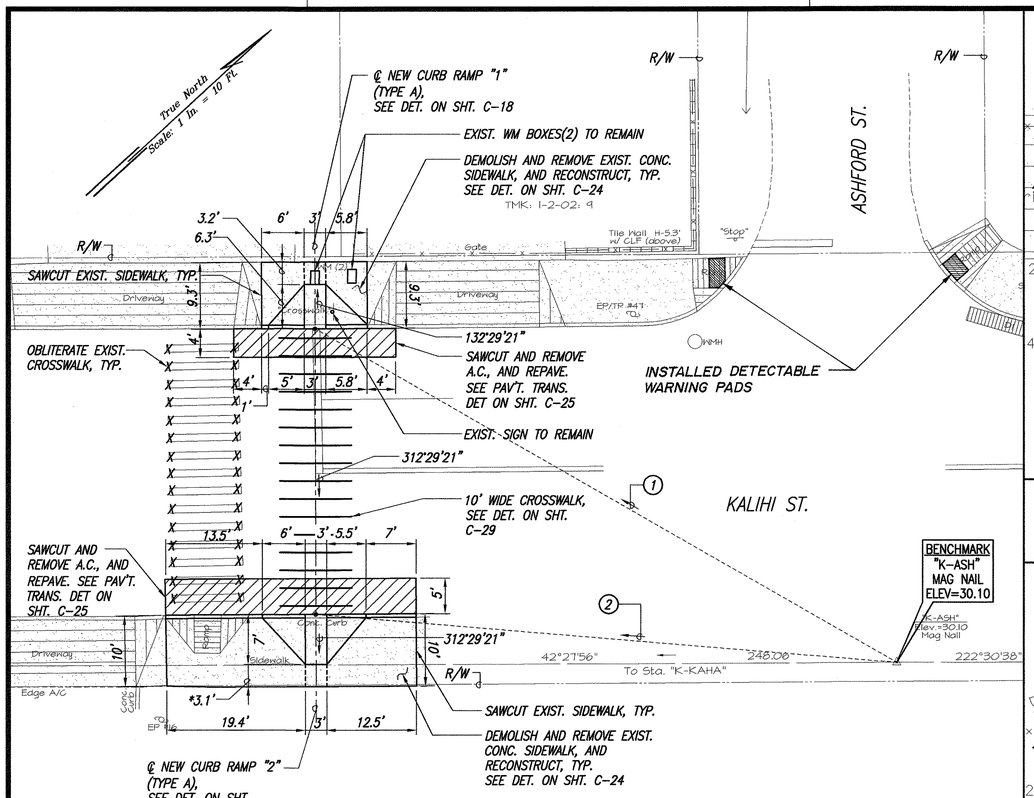
Scale: As Shown Date: JULY 19, 2004

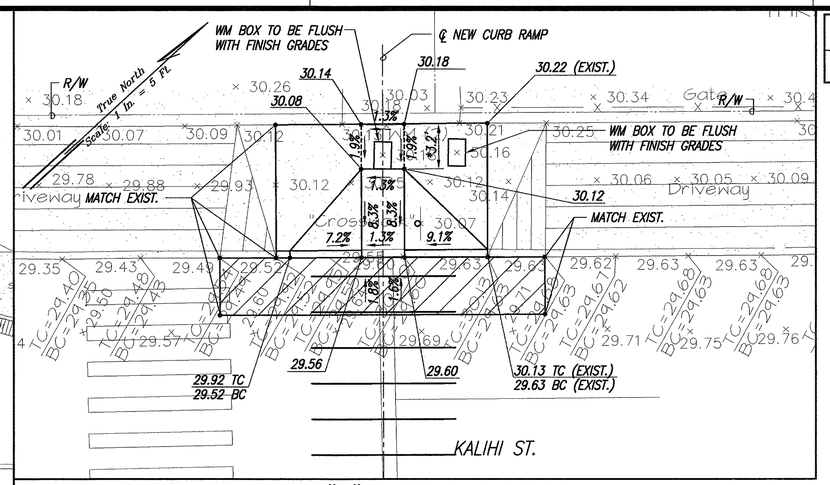
SHEET No. C-102 OF 122 SHEETS

103

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-102 Plot date: Aug 20, 2004-10:19:45am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

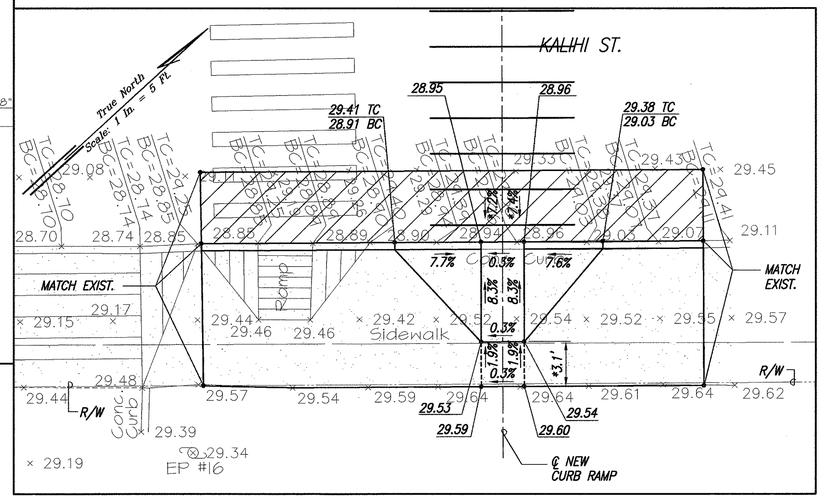
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	104	163





RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – KALIHI ST. & KALAKAUA INTERMEDIATE SCHOOL ENTRANCE
INTERS. ID NO. 70987
SCALE: 1"= 10'

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

(1) 72°36'13" 93.79'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(2) 47°27'58" 81.44'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

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

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

DATE	REVISION

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KALIHI ST. & KALAKAUA INTERMEDIATE SCHOOL ENTRANCE
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

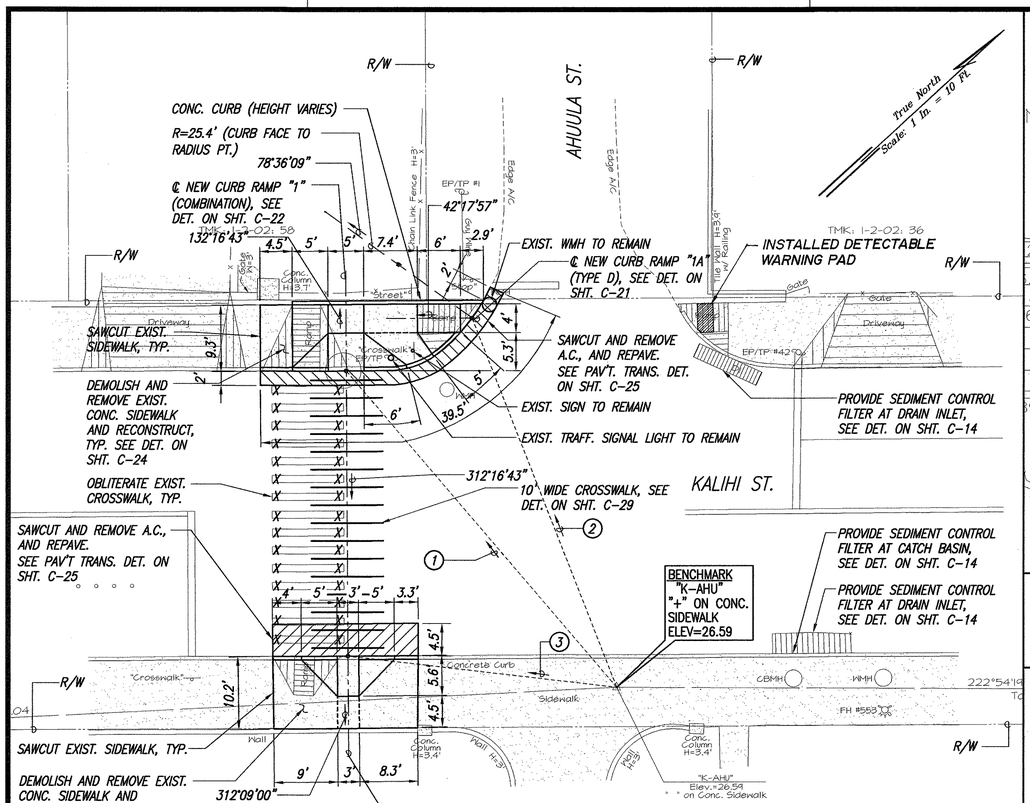
Scale: As Shown Date: JULY 19, 2004

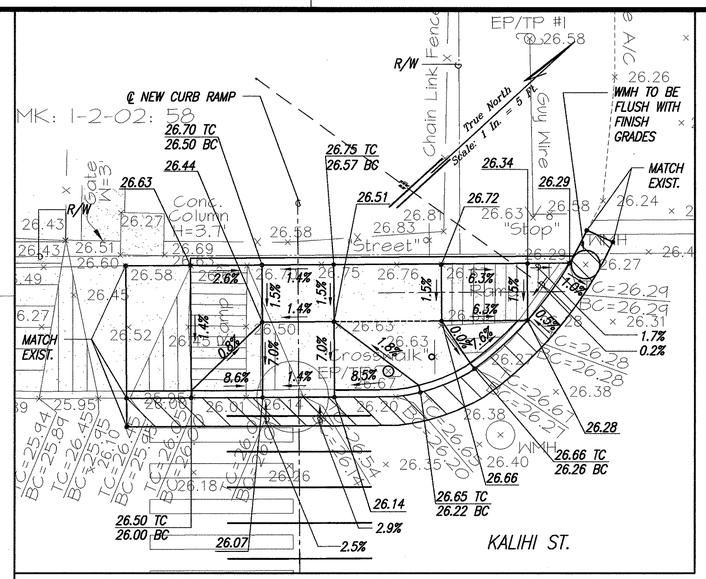
SHEET No. C-103 OF 122 SHEETS

"AS-BUILT" 104

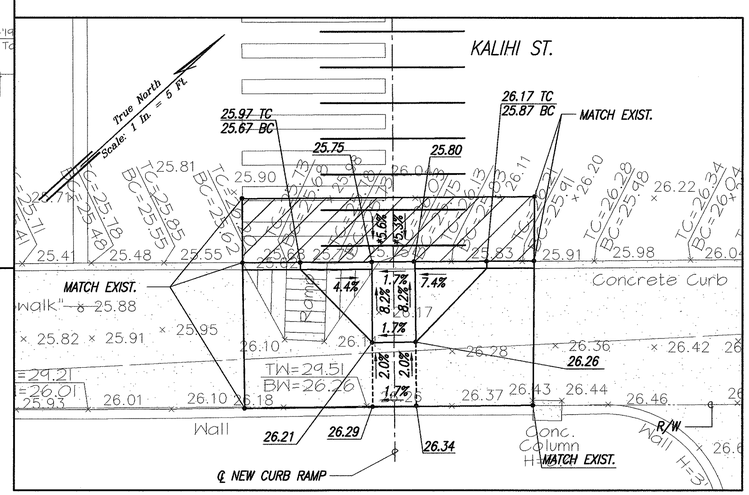
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-103 Plot date: Aug 20, 2004-10:26:48am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	105	163





RAMP "1 & 1A"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN KALIHI ST. & AHUULA ST.
INTERS. ID NO. 70787
SCALE: 1"= 10'

LEGEND

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

(1) 92°11'22" 58.27'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE AND ℄ CROSSWALK

(2) 111°16'49" 55.55'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(3) 49°18'42" 37.81'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

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

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

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

SIGNATURE APRIL 30, 2006 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
KALIHI ST. & AHUULA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

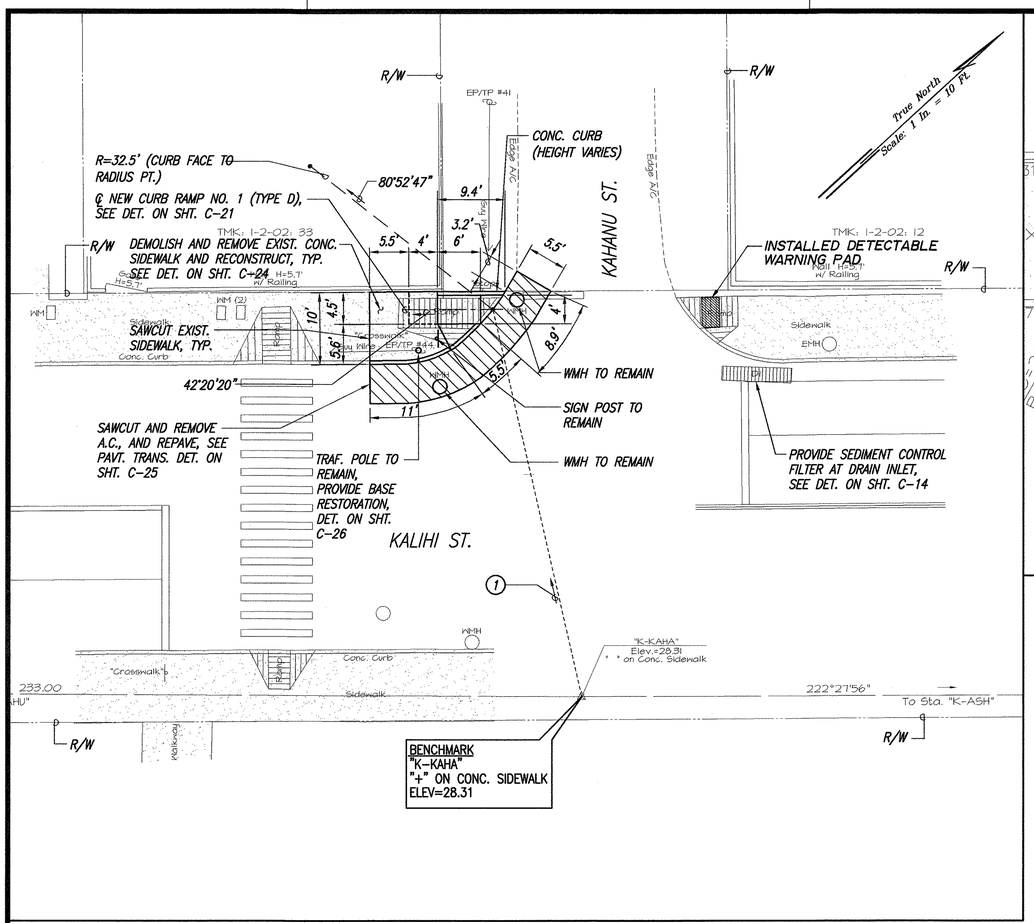
Scale: As Shown Date: JULY 19, 2004

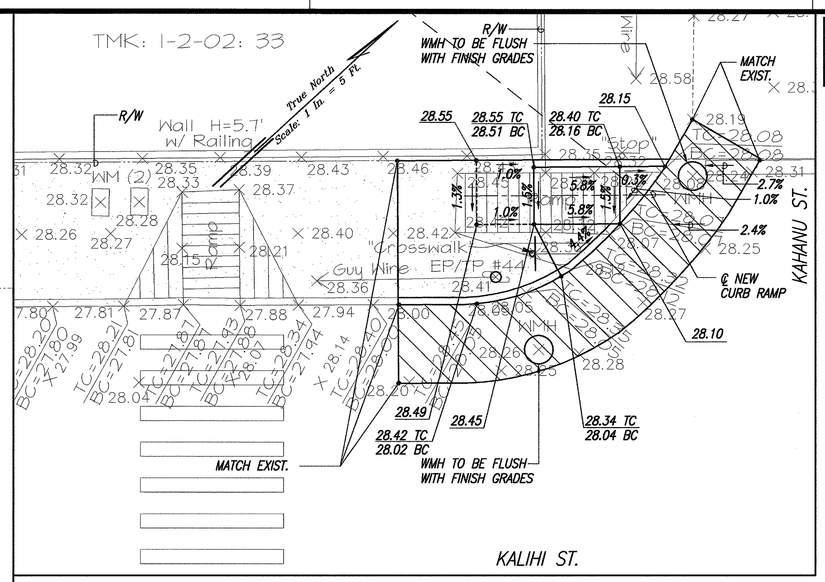
SHEET No. C-104 OF 122 SHEETS

"AS-BUILT" 105

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-104 Plot date: Aug 20, 2004-10:27:19am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	106	163





RAMP "1"
SCALE: 1"= 5'

SITE PLAN – KALIHI ST. & KAHANU ST.
INTERS. ID NO. 70887
SCALE: 1"= 10'

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

(1) 119°44'18" 55.63'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

GRAPHIC SCALES

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

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KALIHI ST. & KAHANU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-105 OF 122 SHEETS

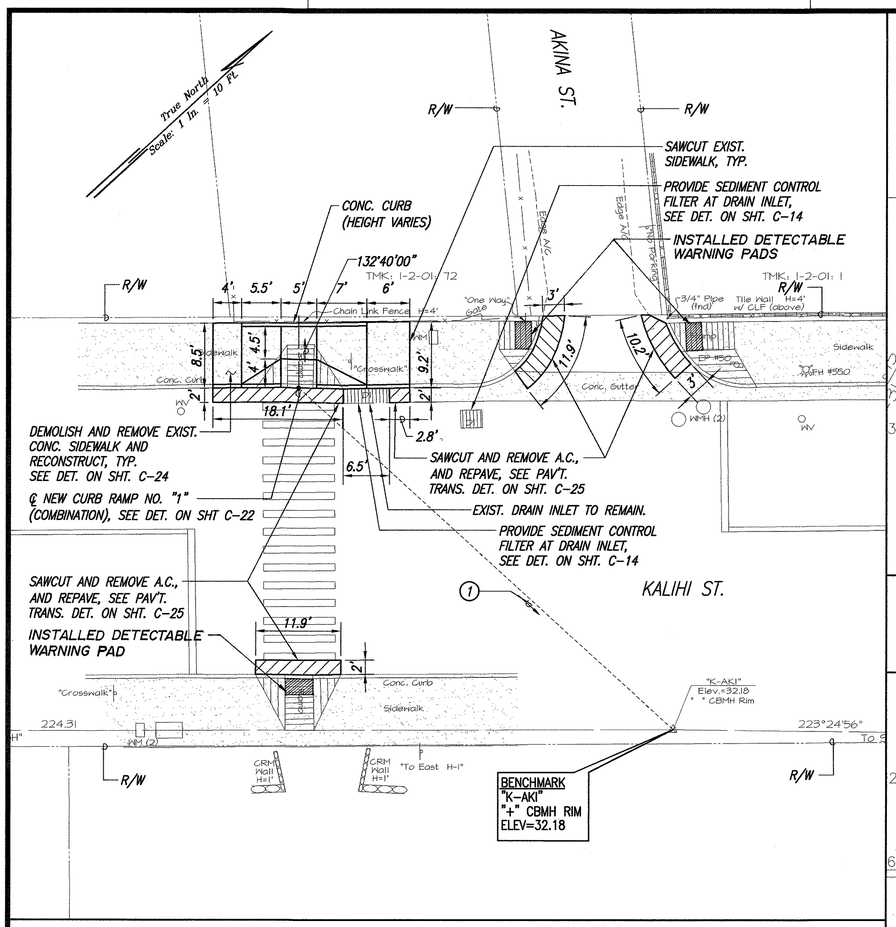
DATE	REVISION

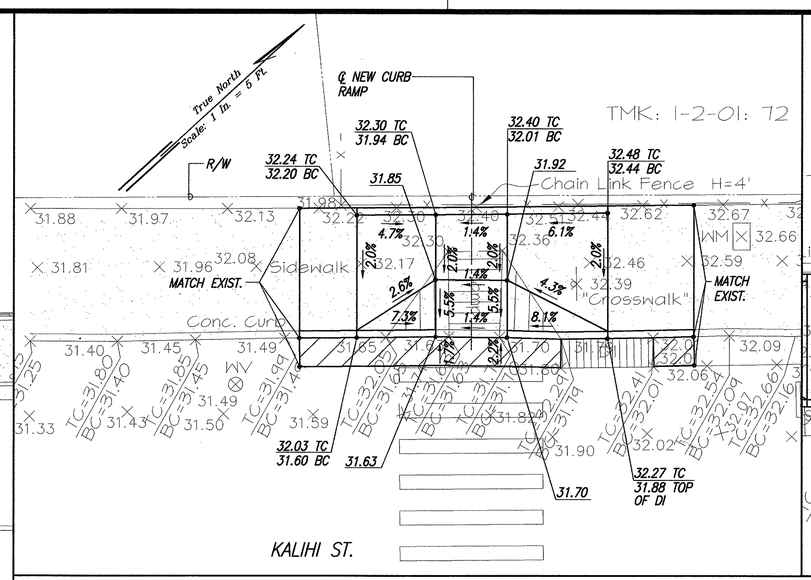
"AS-BUILT"

106

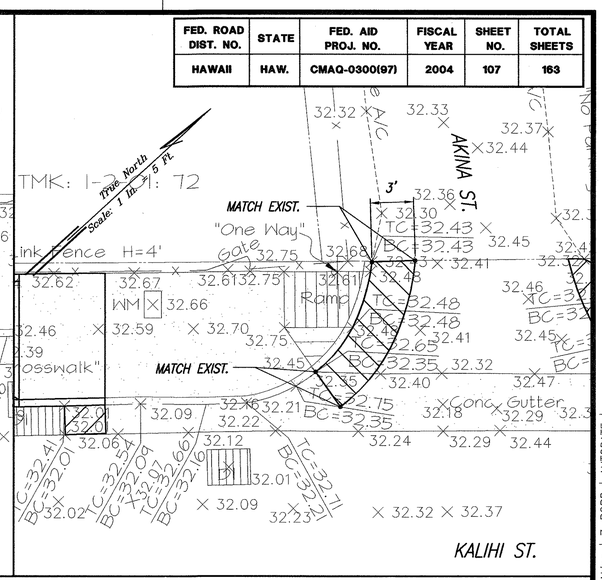
Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-105 Plot date: Aug 20, 2004-10:27:39am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	107	163

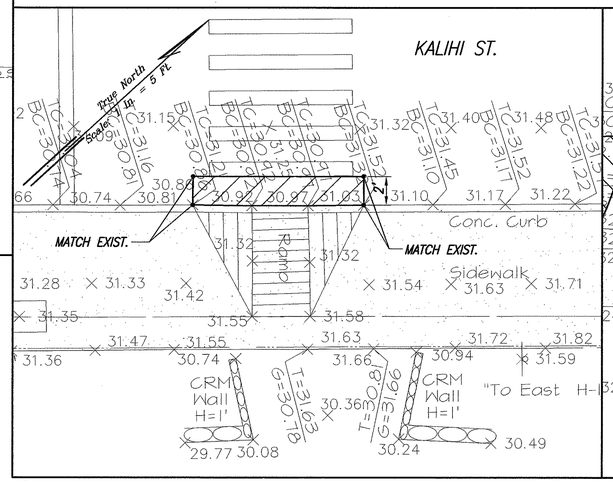




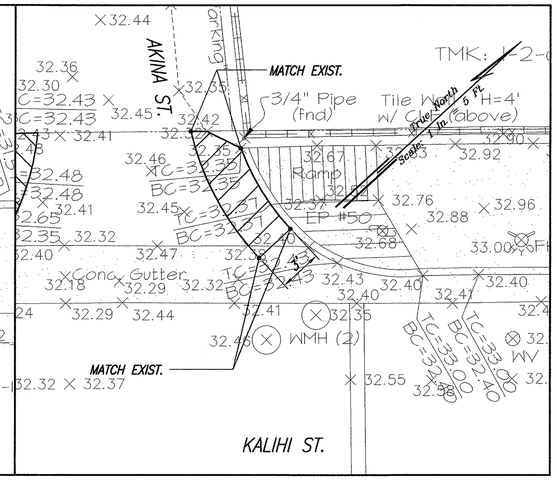
RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'



RAMP "4"
SCALE: 1"= 5'

SITE PLAN – KALIHI ST. & AKINA ST. & KALAKAUA INTERMEDIATE SCHOOL EXIT
INTERS. ID NO. 71287 & 71187
SCALE: 1"= 10'

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

① 85°03'10" 70.94'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.
SIGNATURE
APRIL 30, 2006
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
KALIHI ST. & AKINA ST. & KALAKAUA INTERMEDIATE SCHOOL EXIT
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

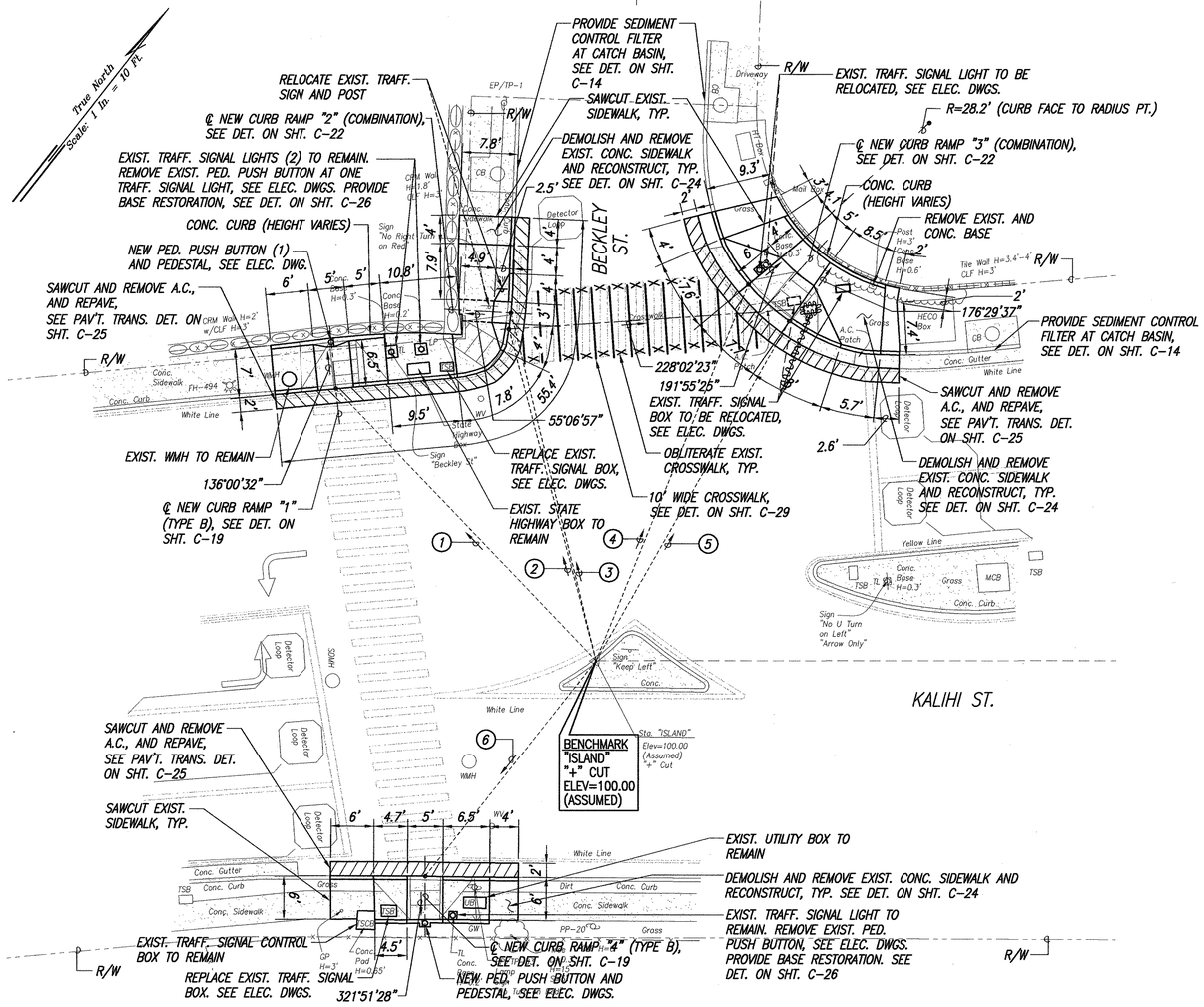
SHEET No. C-106 OF 122 SHEETS

DATE	REVISION

"AS-BUILT" 107

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-106 Plot date: Aug 20, 2004-10:27:56am CAD User: mkamihara. Xref Filename: | Kalihi Street-Kalani-Akina | Z-BORD | AUTODATE |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	108	163



(1) 98°15'34" 52.71'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 127°14'23" 48.07'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(3) 128°12'51" 50.20'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(4) 163°51'17" 56.86'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(5) 171°33'54" 54.69'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(6) 00°10'35" 38.57'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

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

SITE PLAN – KALIHI ST. & BECKLEY ST.
INTERS. ID NO. 71587
SCALE: 1"= 10'

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

DATE	REVISION

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

Lance S. Oyama
SIGNATURE
APRIL 30, 2006
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
KALIHI ST. & BECKLEY ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-107 OF 122 SHEETS

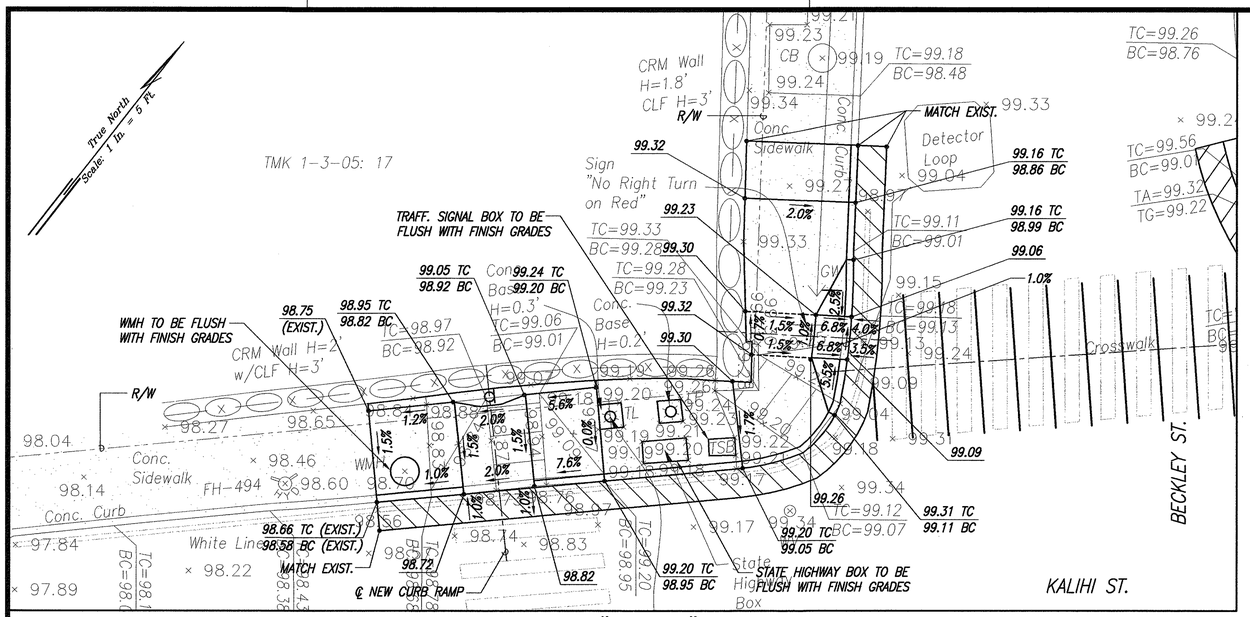
"AS-BUILT" 108

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-107 Plot date: Aug 20, 2004-10:28:08am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kalihi-Beckley |

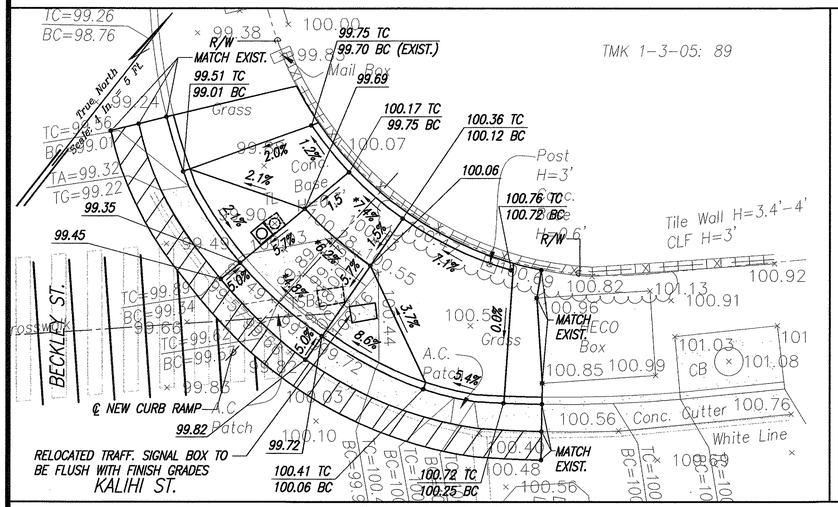
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	109	163

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

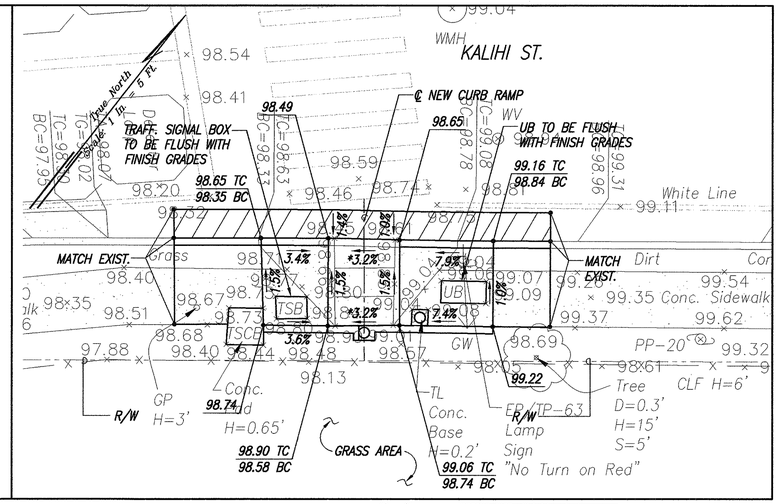


RAMP "1 & 2"
SCALE: 1"= 5'



RAMP "3"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

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

GRADING PLAN – KALIHI ST. & BECKLEY ST.
INTERS. ID NO. 71587
SCALE: 1"= 5'

DATE	REVISION

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE DATE APRIL 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KALIHI ST. & BECKLEY ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

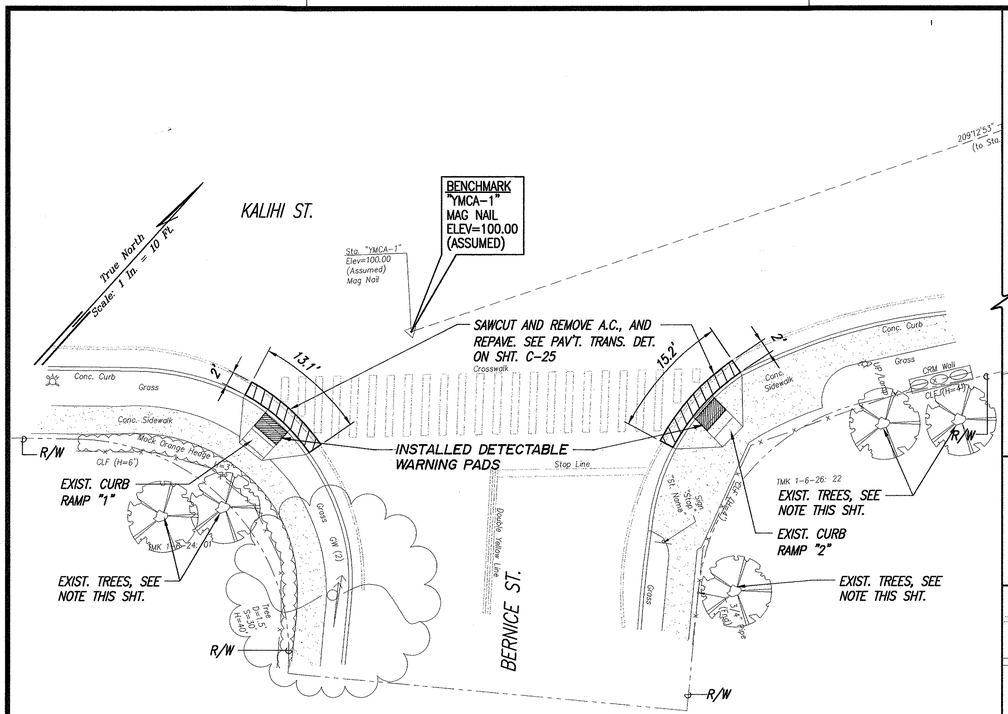
Scale: As Shown Date: JULY 19, 2004

SHEET No. C-108 OF 122 SHEETS

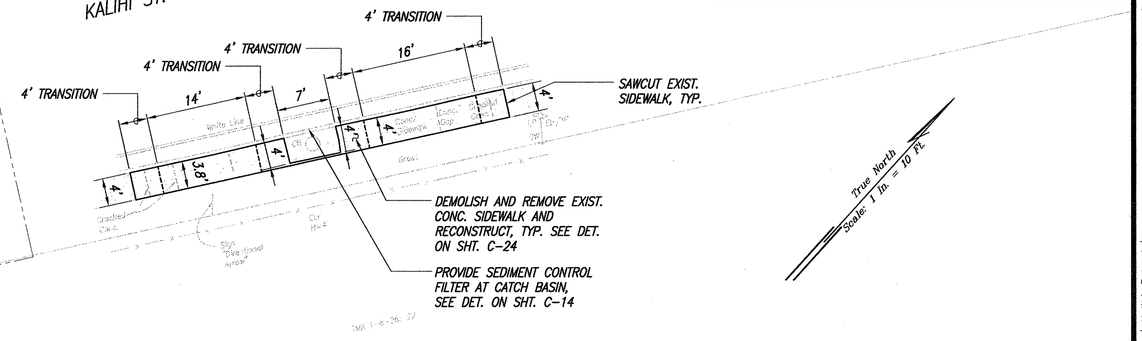
109

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-108 Plot date: Aug 20, 2004-10:28:24am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kalihi-Beckley |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	110	163

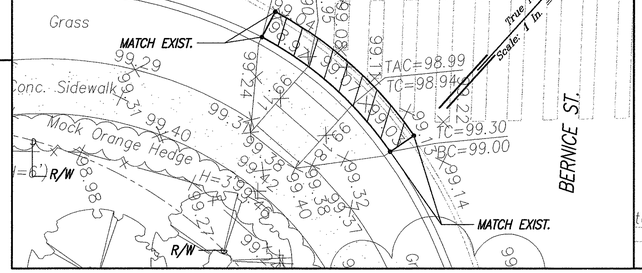


SITE PLAN – KALIHI ST. & BERNICE ST.
INTERS. ID NO. 71887
SCALE: 1"= 10'

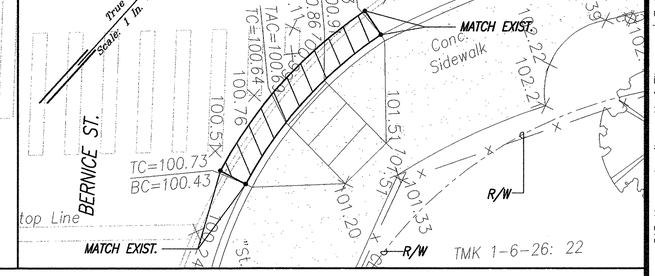


SITE PLAN – KALIHI ST. SIDEWALK IMPROVEMENT
INTERS. ID NO. 71887
SCALE: 1"= 10'

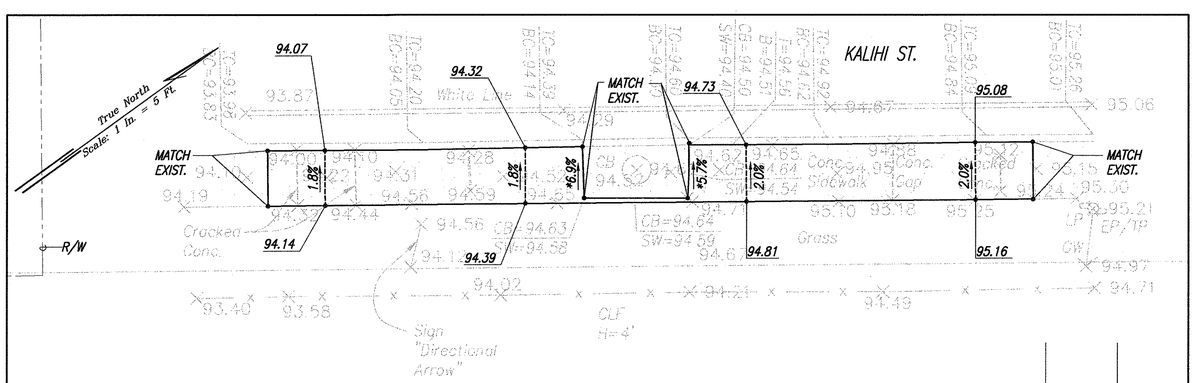
NOTE:
CONTRACTOR TO NOTIFY THE ARBORIST 2 WEEKS PRIOR TO DEMOLITION.



RAMP "1"
SCALE: 1"= 5'



RAMP "2"
SCALE: 1"= 5'



SIDEWALK IMPROVEMENT
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KALIHI ST. & BERNICE ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

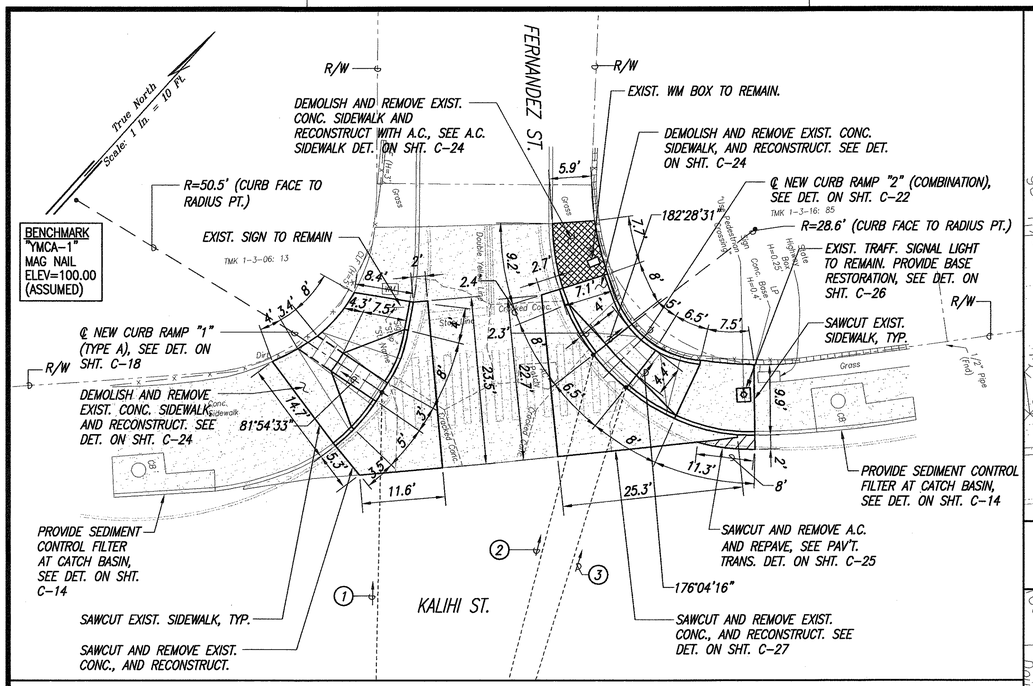
DATE | REVISION

SHEET No. C-109 OF 122 SHEETS

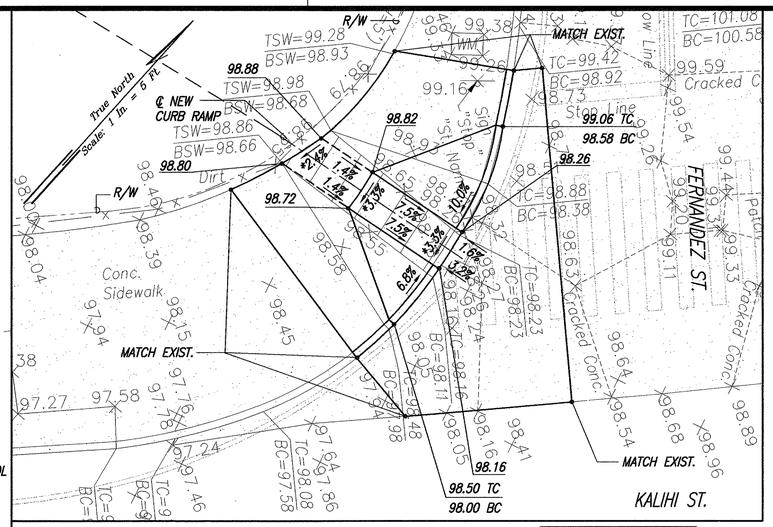
"AS-BUILT" 110

Path: L:\WOA\6623-04 Curb Ramps\ | Filename: C-109 | Plot date: Aug 20, 2004-01:09:50pm | CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kalihi-Bernice-Fernandez | Kalihi-School |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	111	163

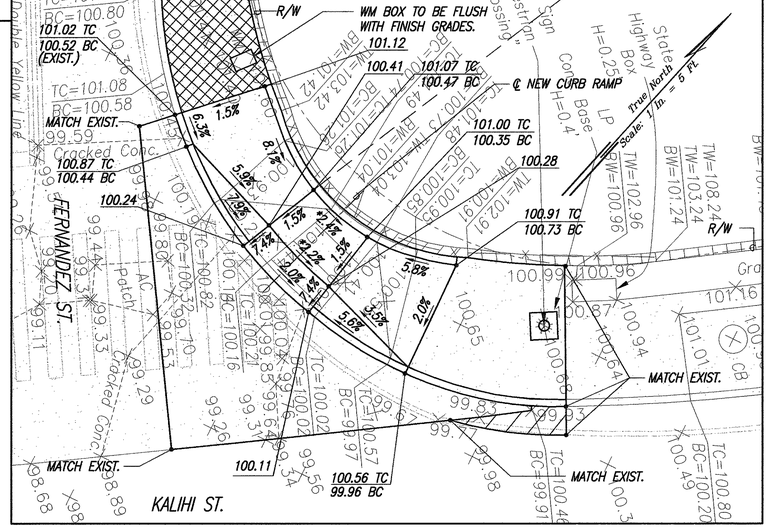


SITE PLAN – KALIHI ST. & FERNANDEZ ST.
INTERS. ID NO. 71987
SCALE: 1"= 10'



RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

① 139°10'57" 117.60'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 152°35'40" 126.89'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 155°10'36" 123.67'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

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

1" = 5' (5' 0 5' 10')

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KALIHI ST. & FERNANDEZ ST.

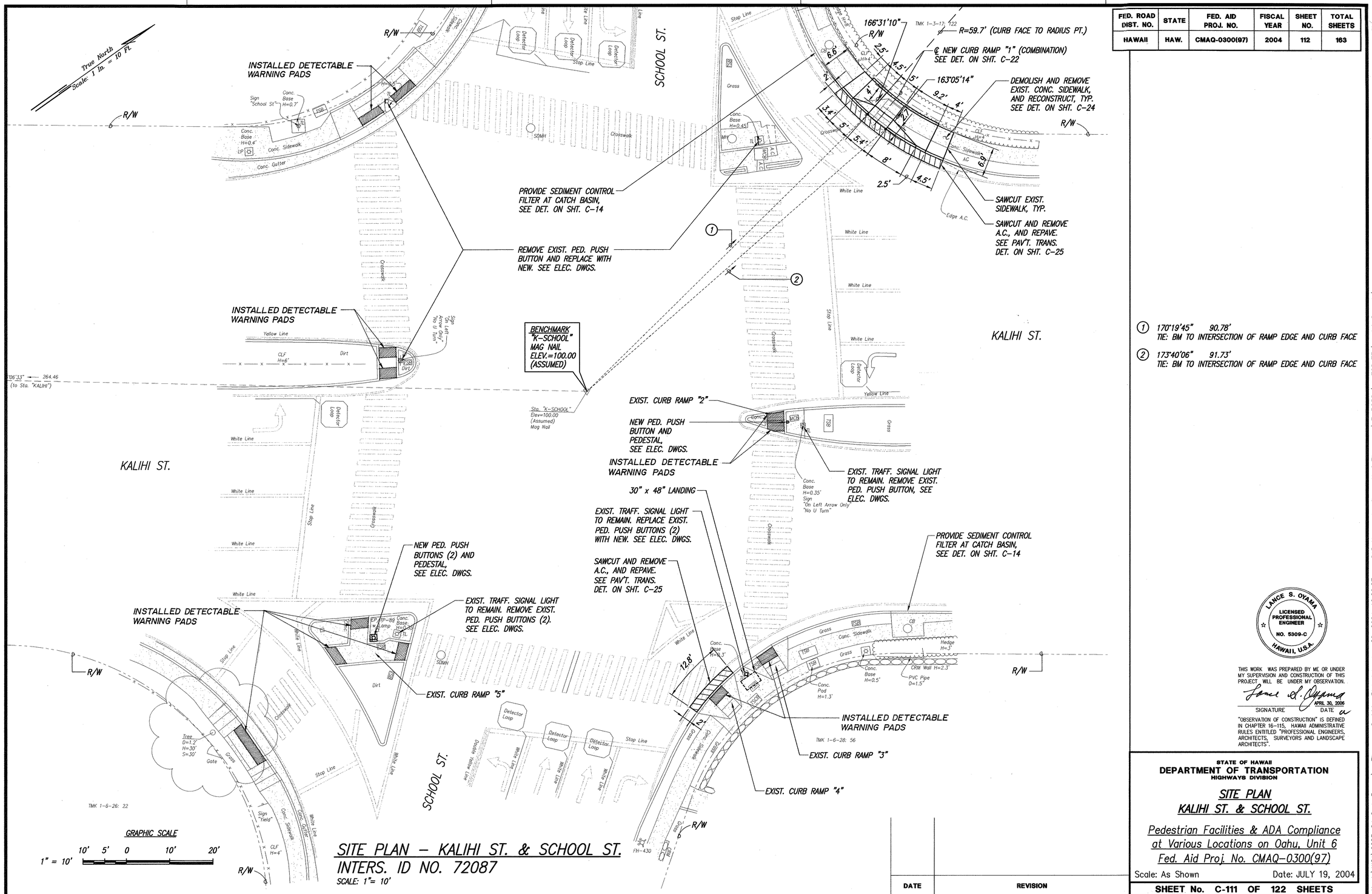
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-110 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-110 Plot date: Aug 20, 2004-10:28:52am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kalihi-Bernice-Fernandez |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	112	163



① 170°19'45" 90.78'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 173°40'06" 91.73'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-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.

SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
KALIHI ST. & SCHOOL ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

SHEET No. C-111 OF 122 SHEETS

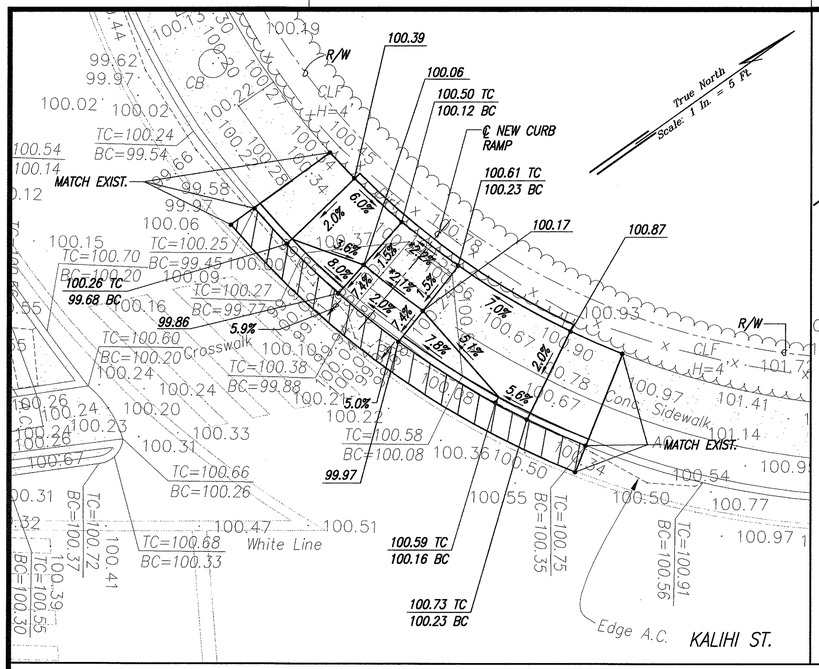
DATE	REVISION

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

"AS-BUILT" 112

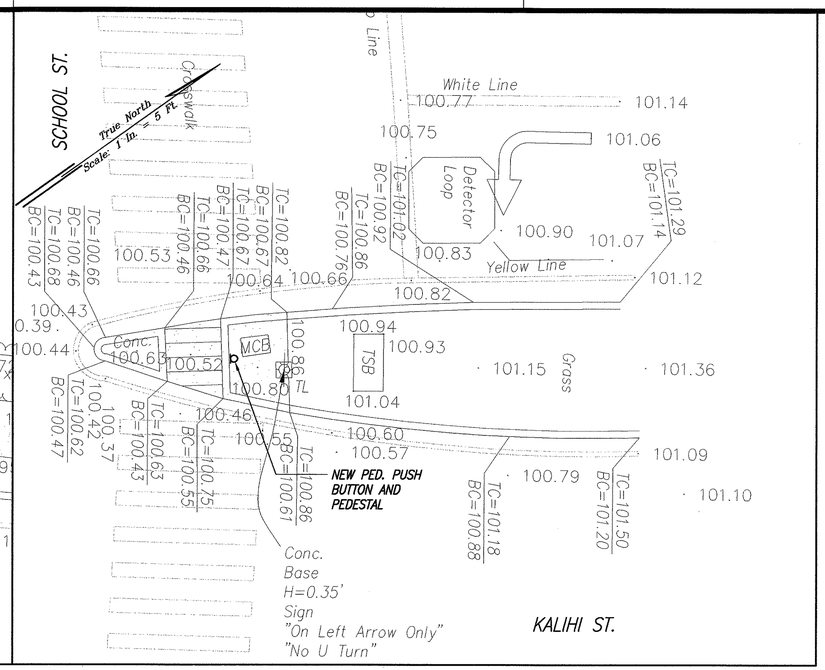
Path: L:\WOA\6623-04 Curb Ramps\ Filename: | Z-BORD | AUTODATE | Kalihi-School | CAD User: mkamihara. Xref Files: | Plot date: Aug 20, 2004-10:29:27am

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	113	163

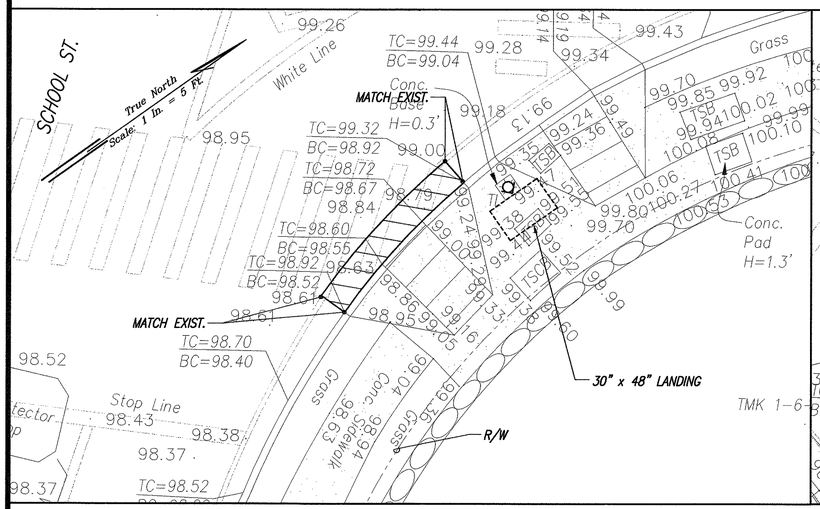


RAMP "1"
SCALE: 1"= 5'

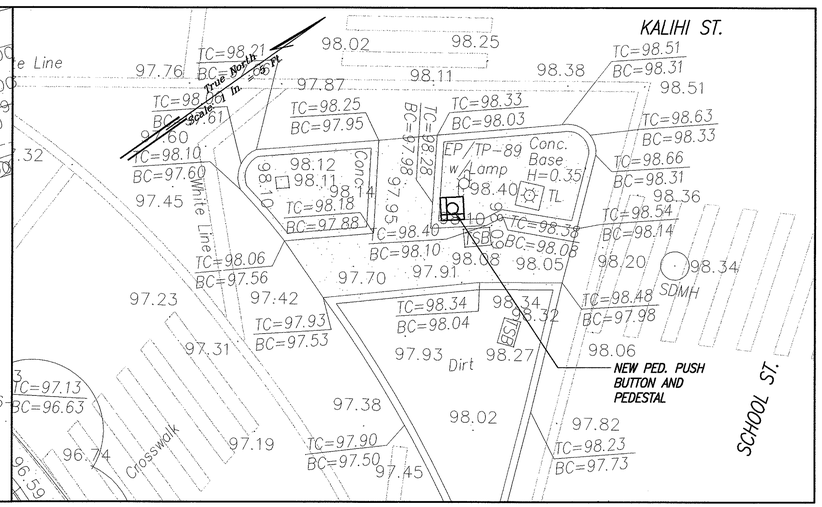
*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1"= 5'



RAMP "3 & 4"
SCALE: 1"= 5'



RAMP "5"
SCALE: 1"= 5'

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

GRADING PLAN – KALIHI ST. & SCHOOL ST.
INTERS. ID NO. 72087
SCALE: 1"= 5'

LEGEND

X 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT ELEVATION
51.50 TC / 51.00 BC	FINISHED TOP OF CURB / FINISHED BOTTOM OF CURB

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE APRIL 30, 2006 DATE

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KALIHI ST. & SCHOOL ST.

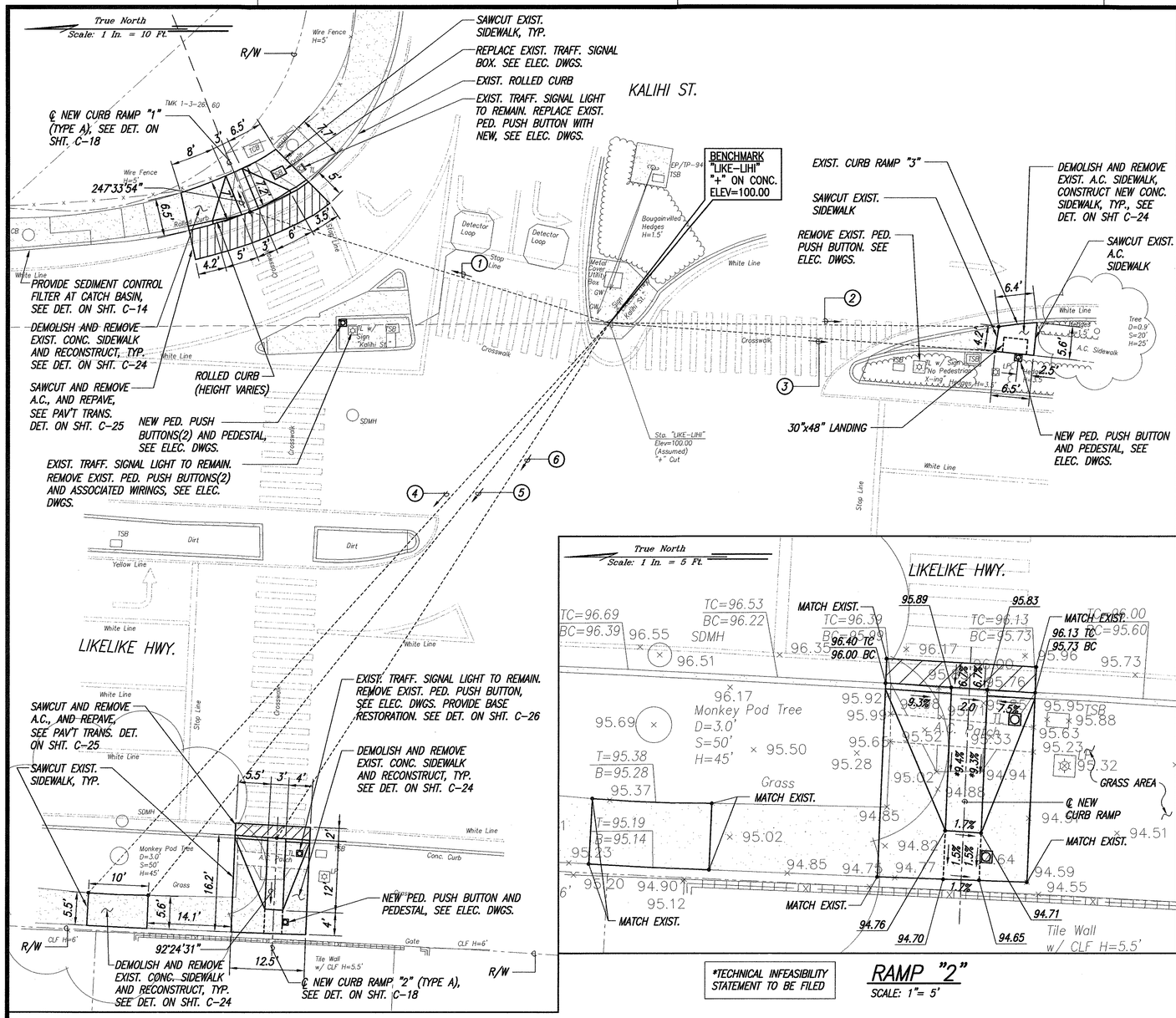
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-112 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-112 Plot date: Aug 20, 2004-10:29:51am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Kalihi-School |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	114	163



SITE PLAN – LIKELIKE HWY. & KALIHI ST.
INTERS. ID NO. 40188
SCALE: 1"= 10'

GRAPHIC SCALES

1" = 10' — 10' 5' 0 10' 20'

1" = 5' — 5' 0 5' 10'

(1) 197°12'26" 62.92'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

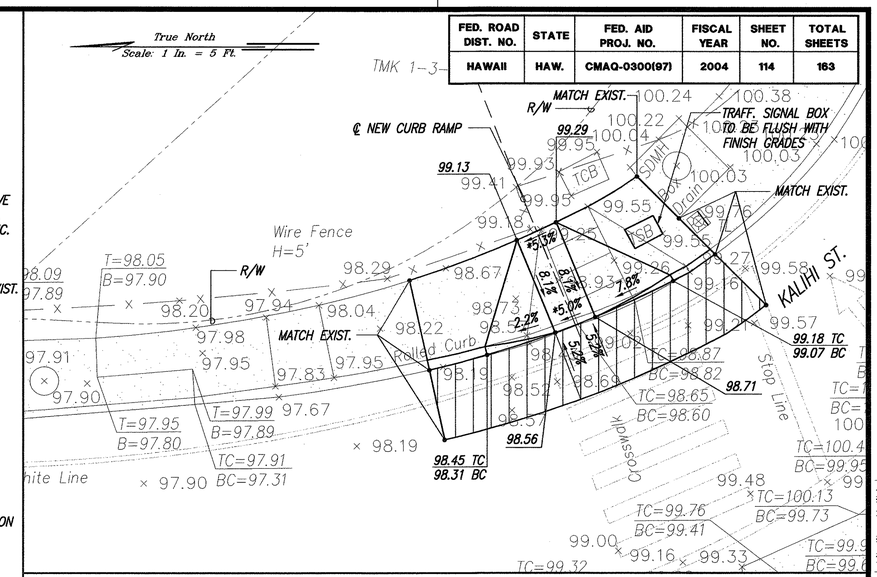
(2) 00°33'46" 65.02'
TIE: BM TO INTERSECTION OF A.C. EDGE AND CONC. EDGE

(3) 04°14'34" 64.59'
TIE: BM TO INTERSECTION OF A.C. EDGE AND CONC. EDGE

(4) 132°21'42" 129.14'
TIE: BM TO INTERSECTION OF CONC. EDGE AND SIDEWALK

(5) 128°47'12" 122.96'
TIE: BM TO INTERSECTION OF CONC. EDGE AND SIDEWALK

(6) 122°46'54" 102.56'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE



RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "2"
SCALE: 1"= 5'

RAMP "3"
SCALE: 1"= 5'

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2005
DATE

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

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

DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
LIKELIKE HWY. & KALIHI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

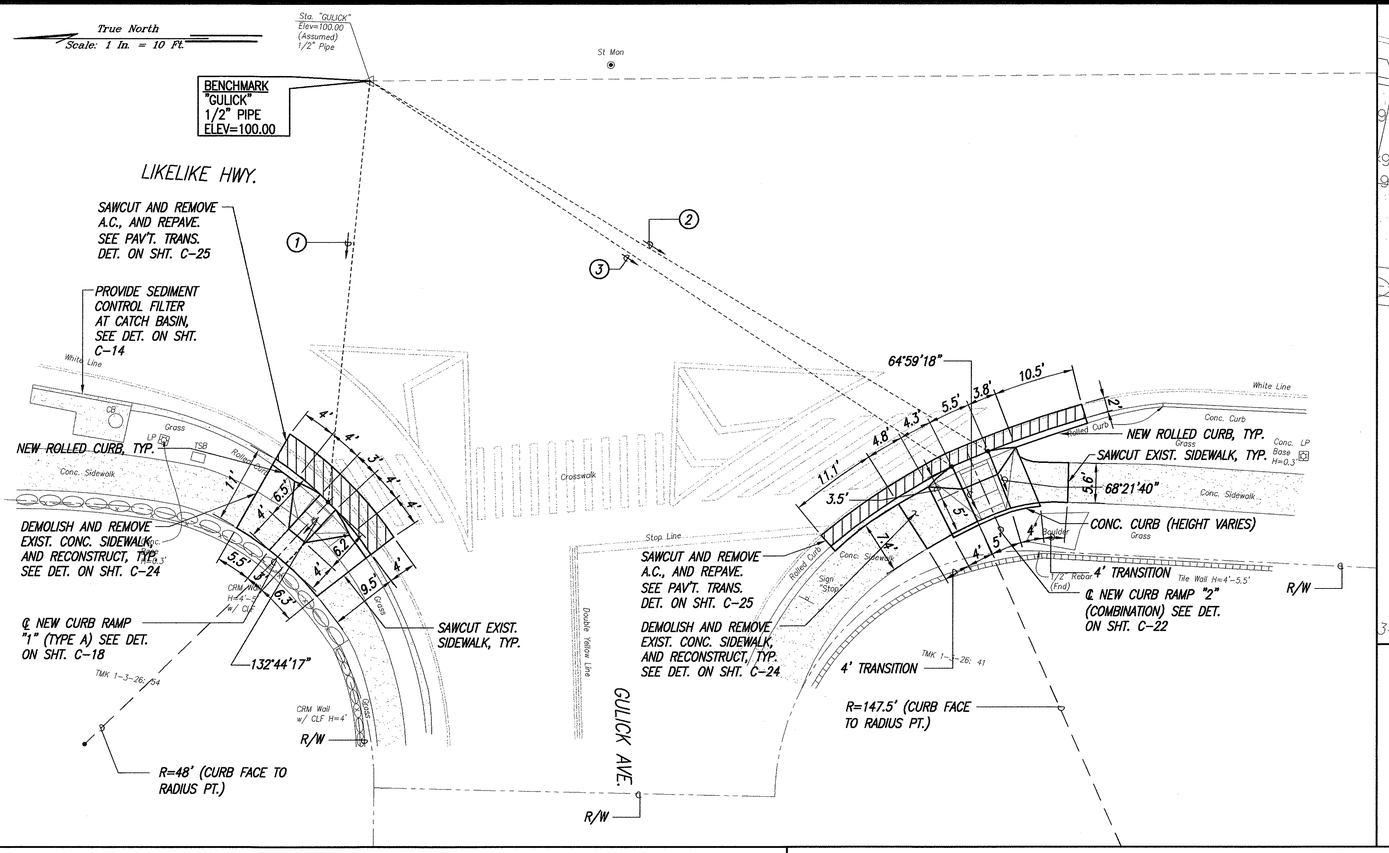
Scale: As Shown Date: JULY 19, 2004

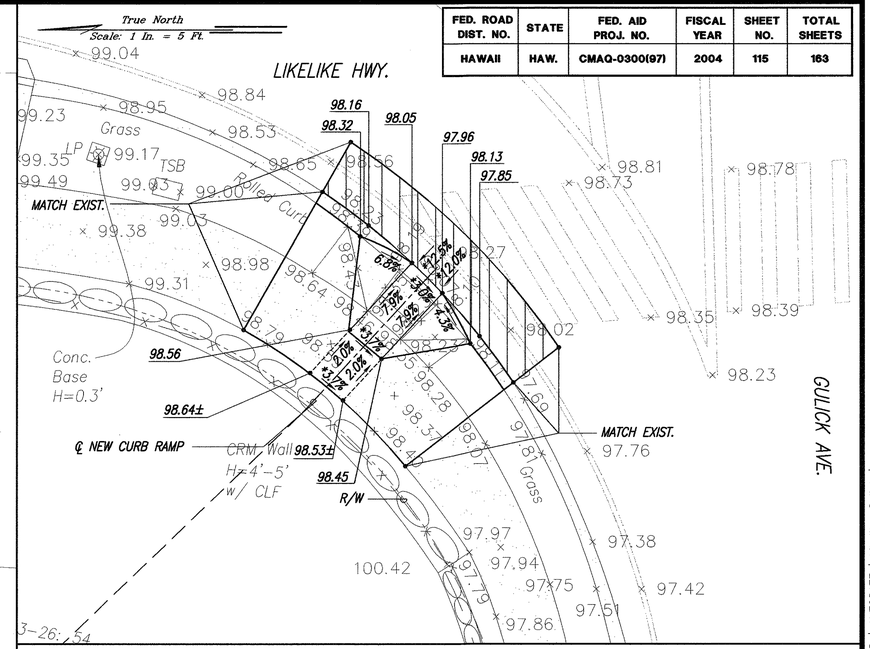
SHEET No. C-113 OF 122 SHEETS

114

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-113 Plot date: Aug 20, 2004-10:30:09am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Likelike-Kalihi |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	115	163





RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

SITE PLAN – LIKELIKE HWY. & GULICK AVE.
INTERS. ID NO. 10288
SCALE: 1"= 10'

LEGEND

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

(1) 95°37'38" 59.21'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

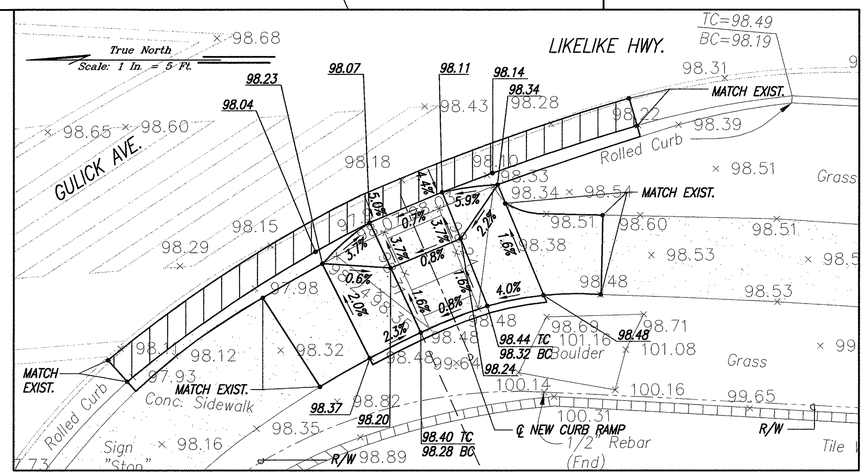
(2) 30°58'47" 100.78'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 33°35'04" 97.63'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

GRAPHIC SCALES

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

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



RAMP "2"
SCALE: 1"= 5'

DATE	REVISION

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

LANCE S. OYAMA LICENSED PROFESSIONAL ENGINEER NO. 5309-C HAWAII, U.S.A.

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SIGNATURE — APRIL 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
LIKELIKE HWY. & GULICK AVE.

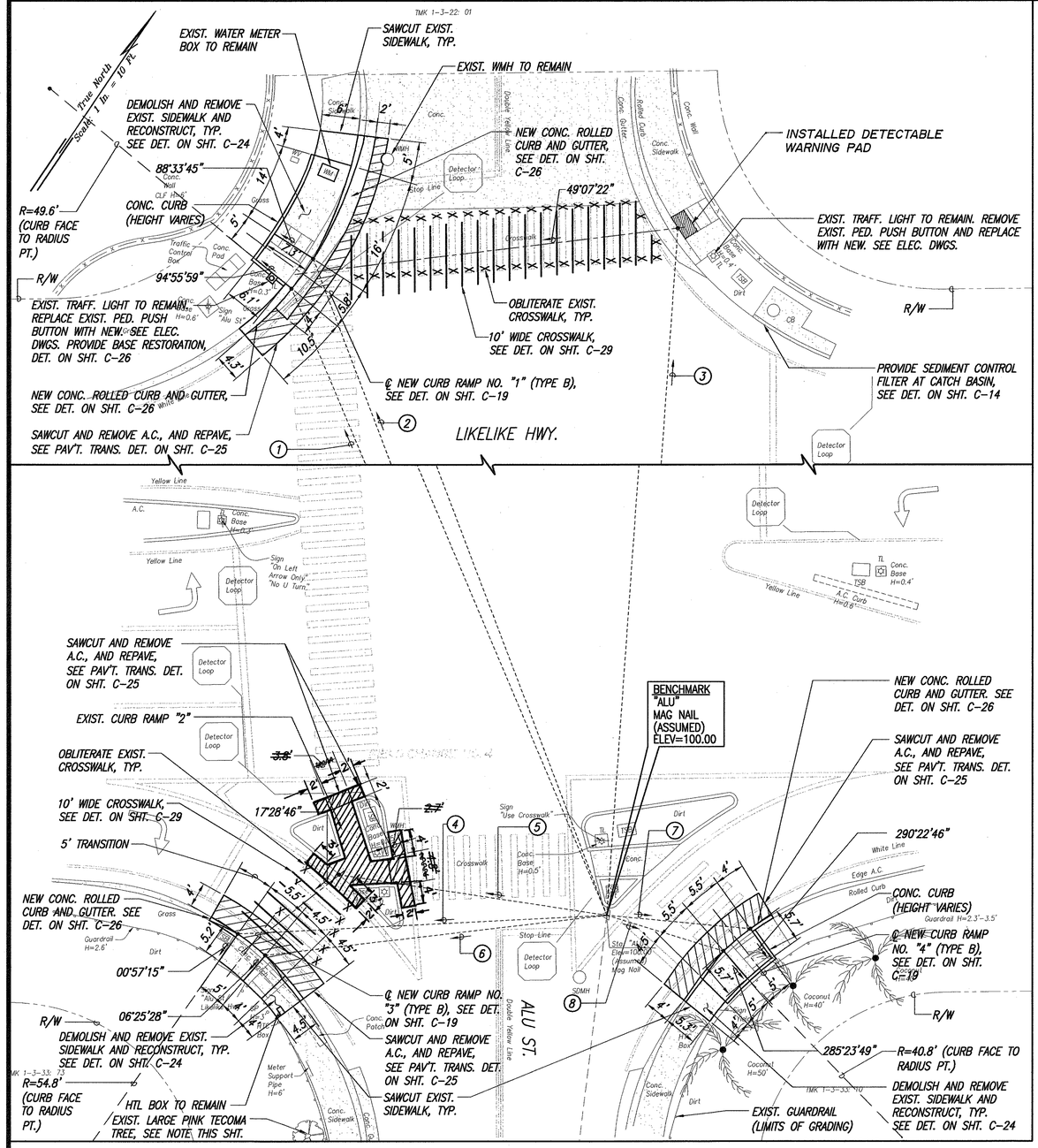
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-114 OF 122 SHEETS

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-114 Plot date: Aug 20, 2004-10:30:22am CAD User: mkamihara. Xref Filenames: | Z-BORD | AUTODATE | Likelike-Gulick |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	116	163



GRAPHIC SCALE

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

SITE PLAN LIKELIKE HWY. & ALU ST.
INTERS. ID NO. 40588

SCALE: 1"= 10'

(1) 123°10'22" 133.34'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(2) 125°15'51" 136.43'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 150°02'60" 132.78'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(4) 56°06'45" 58.44'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(5) 64°39'15" 42.80'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 49°19'48" 54.39'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(7) 241°29'34" 22.82'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 253°09'20" 19.35'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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Lance S. Oyama
SIGNATURE
APRIL 30, 2006
DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
LIKELIKE HWY. & ALU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown Date: JULY 19, 2004

SHEET No. C-115 OF 122 SHEETS

DATE	REVISION

"AS-BUILT"

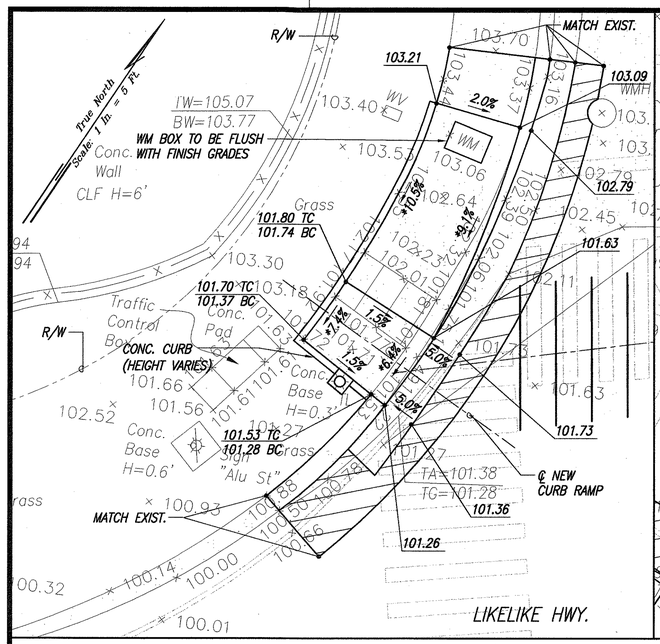
116

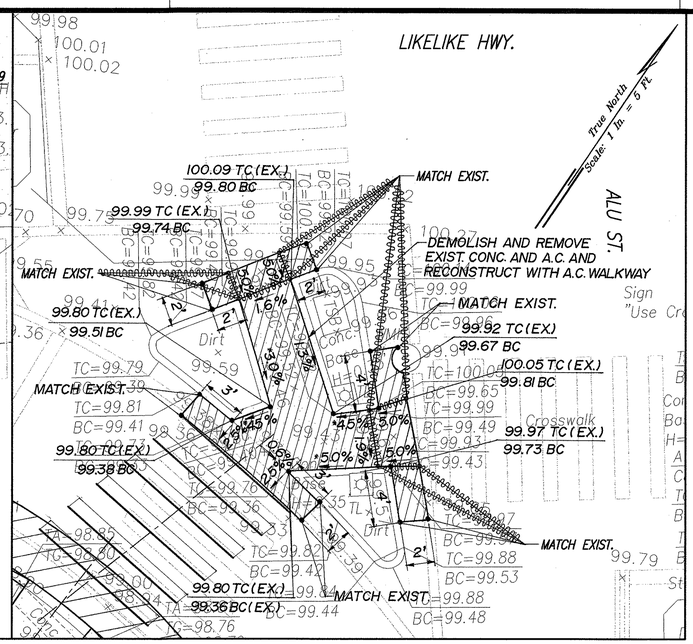
ORIGINAL PLAN
NOTE BOOK
No.

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

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-115 Plot date: Aug 20, 2004-10:30:41am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Likelike-Alu |

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(97)	2004	117	163

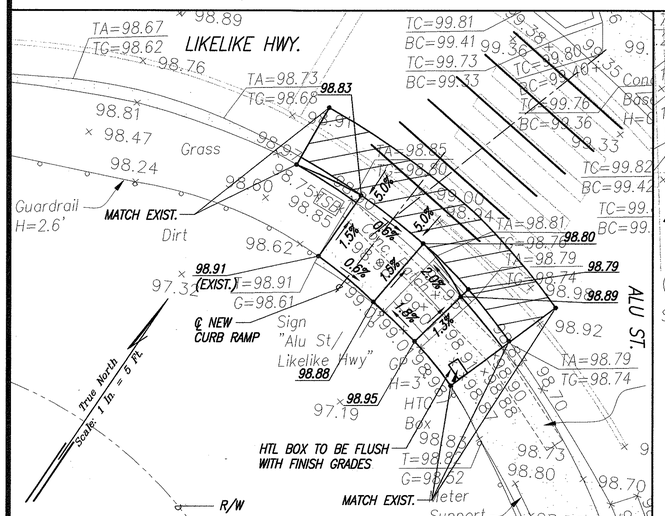


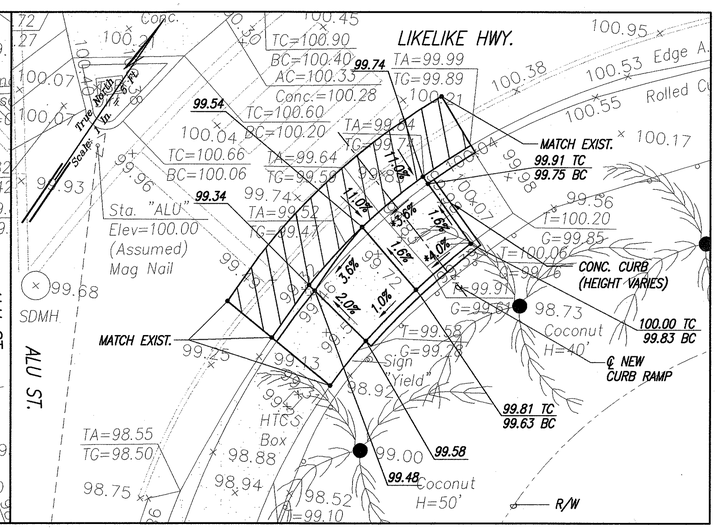


RAMP "1"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "2"
SCALE: 1"= 5'





RAMP "3"
SCALE: 1"= 5'

RAMP "4"
SCALE: 1"= 5'

*TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

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

GRADING PLAN LIKELIKE HWY. & ALU ST.
INTERS. ID NO. 40588
SCALE: 1"= 5'

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

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

LANCE S. OYAMA
LICENSED PROFESSIONAL ENGINEER
NO. 5309-C
HAWAII, U.S.A.

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SIGNATURE — DATE APRIL 30, 2009

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
LIKELIKE HWY. & ALU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 6
Fed. Aid Proj. No. CMAQ-0300(97)

Scale: As Shown — Date: JULY 19, 2004

DATE | REVISION | "AS-BUILT"

SHEET No. C-116 OF 122 SHEETS

117

Path: L:\WOA\6623-04 Curb Ramps\ Filename: C-116 Plot date: Aug 20, 2004 - 10:30:56am CAD User: mkamihara. Xref Filename: | Z-BORD | AUTODATE | Likelike-Alu |