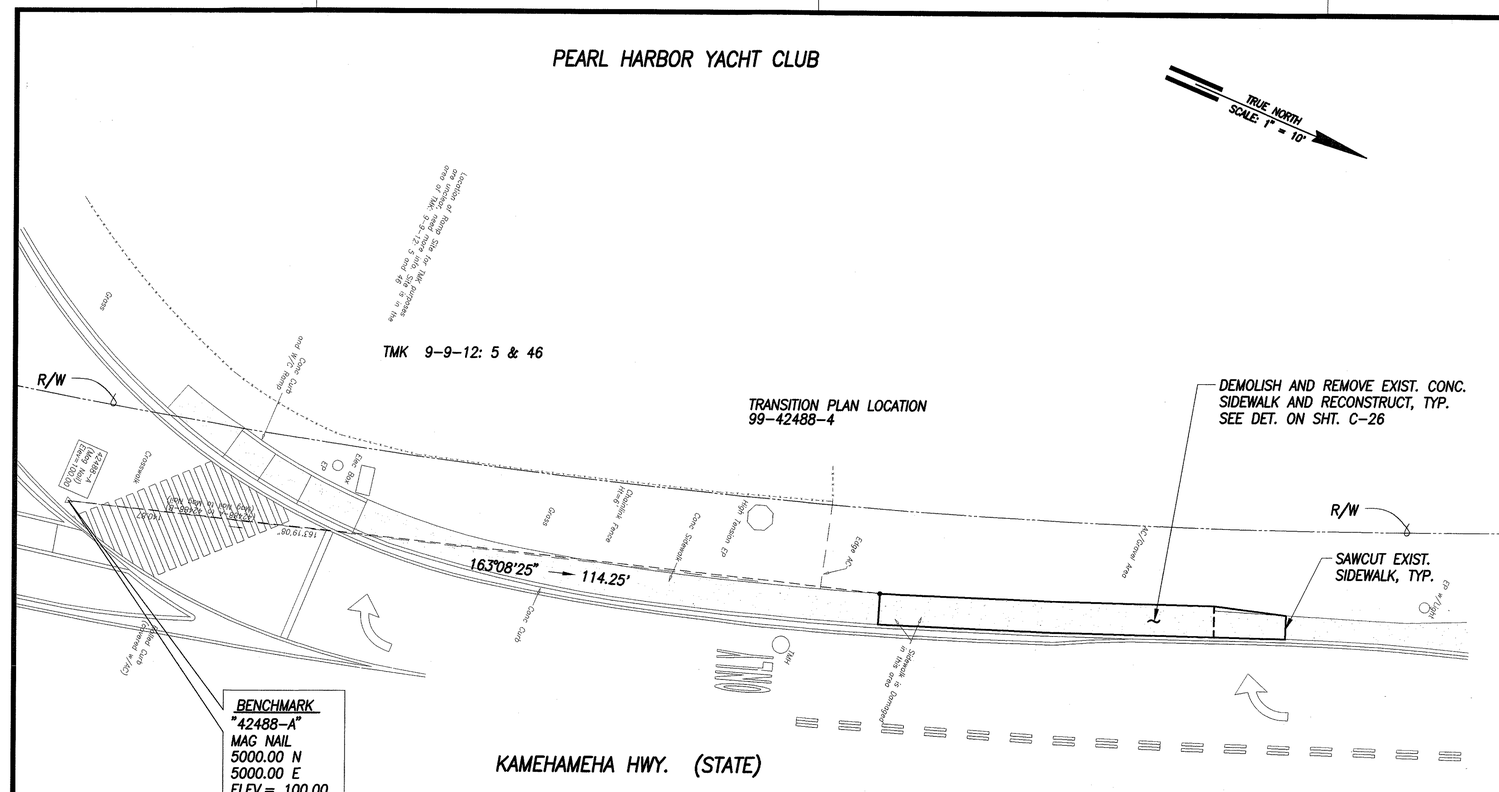
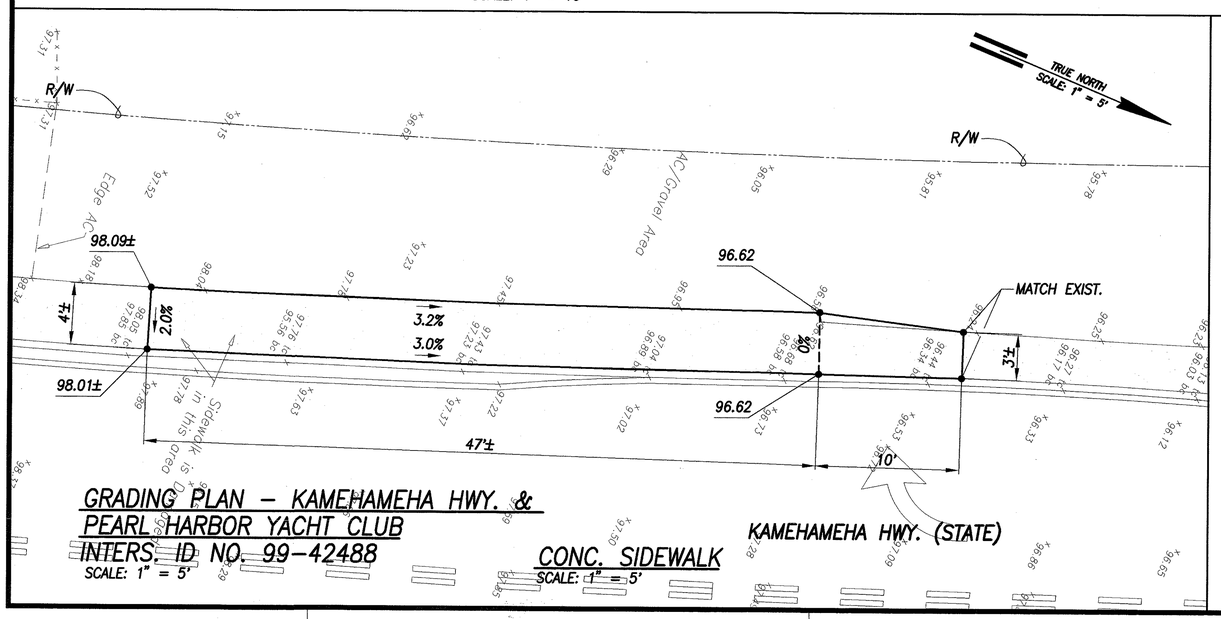
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	32	153



SITE PLAN – KAMEHAMEHA HWY. & PEARL HARBOR YACHT CLUB
INTERS. ID NO. 99-42488
SCALE: 1" = 10'



GRADING PLAN – KAMEHAMEHA HWY. & PEARL HARBOR YACHT CLUB
INTERS. ID NO. 99-42488
SCALE: 1" = 5'

CONC. SIDEWALK
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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

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

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 – KAMEHAMEHA HWY. & PEARL HARBOR YACHT CLUB

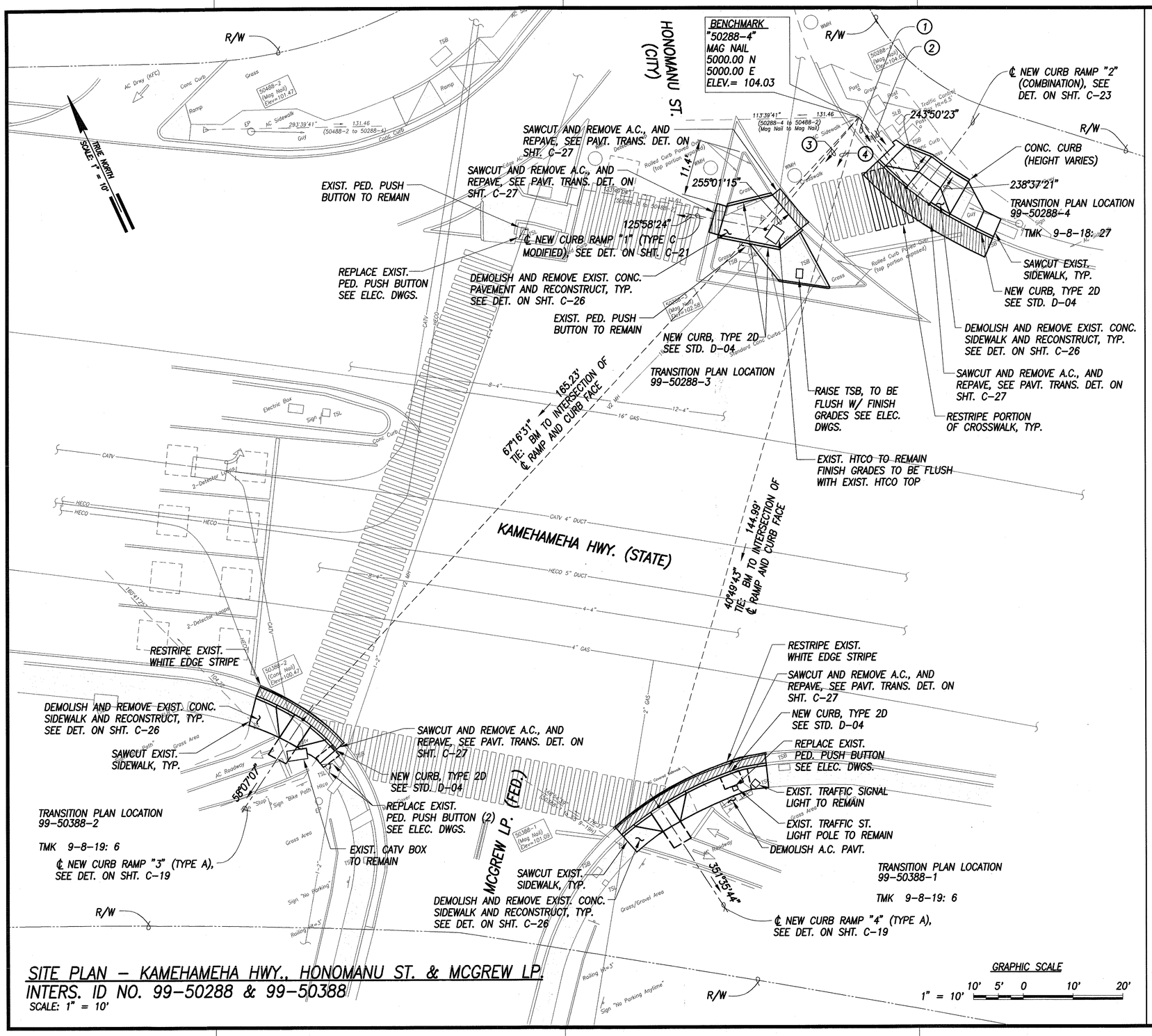
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-31 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	33	153



SITE PLAN - KAMEHAMEHA HWY., HONOMANU ST. & MCGREW LP.
INTERS. ID NO. 99-50288 & 99-50388
SCALE: 1" = 10'

① 350°42'26" 17.12'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 345°51'33" 22.60'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 64°27'38" 29.42'
TIE: BM TO INTERSECTION OF RAMP ℄

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

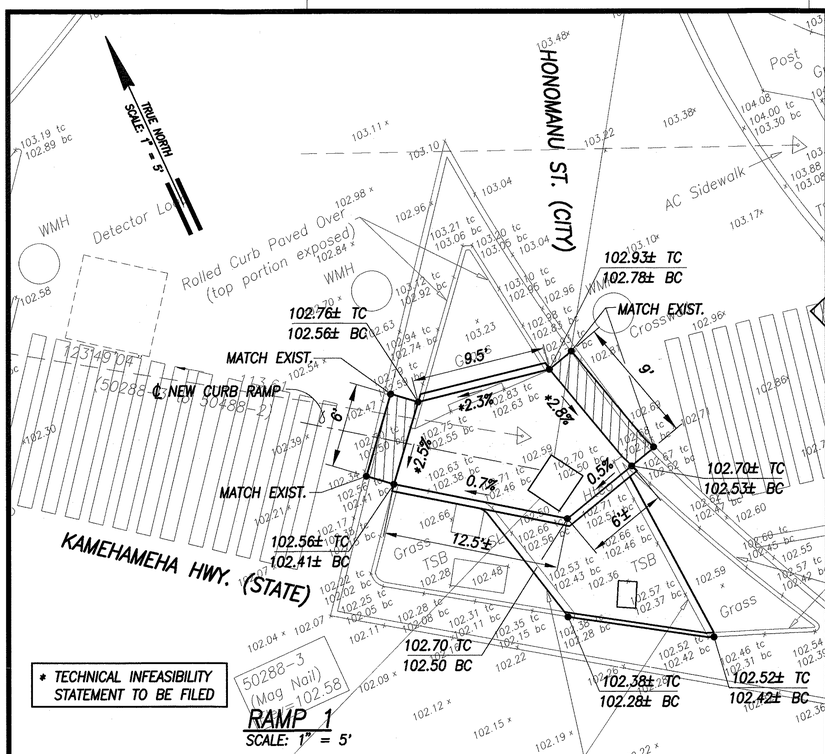
SITE PLAN - KAMEHAMEHA HWY., HONOMANU ST. & MCGREW LP.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

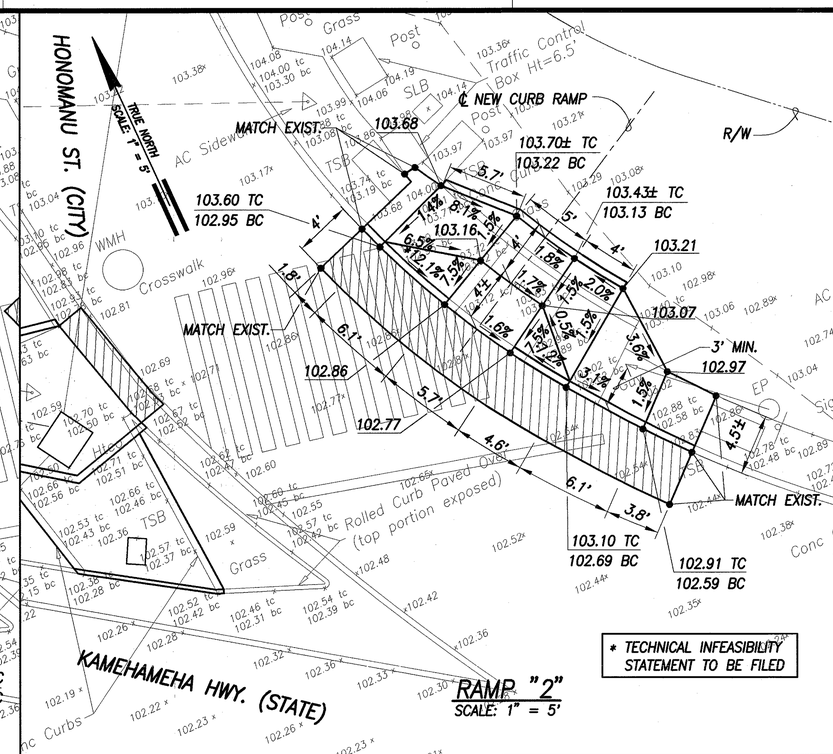
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-32 OF 153 SHEETS

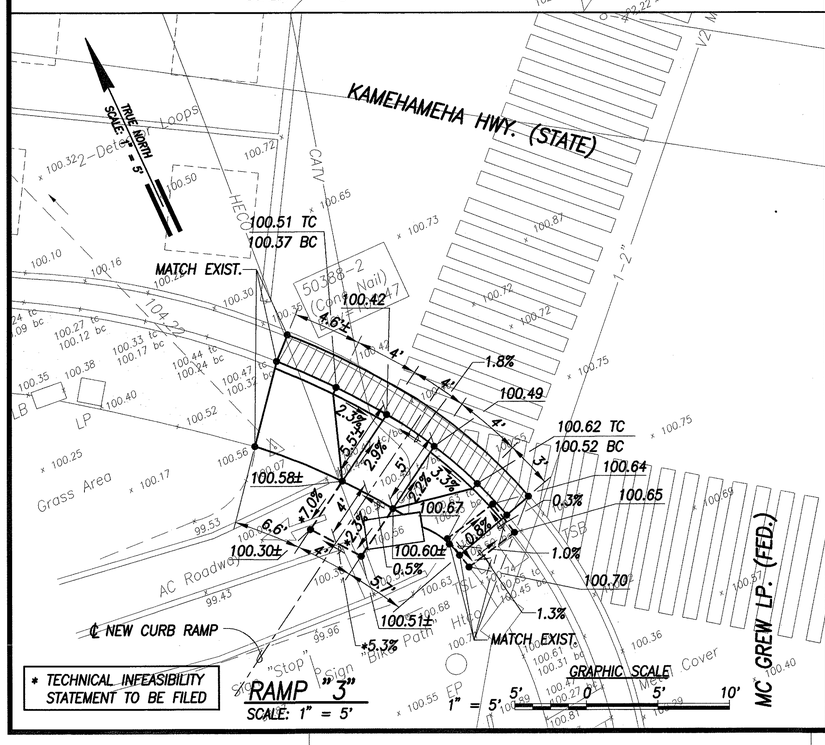
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	34	153



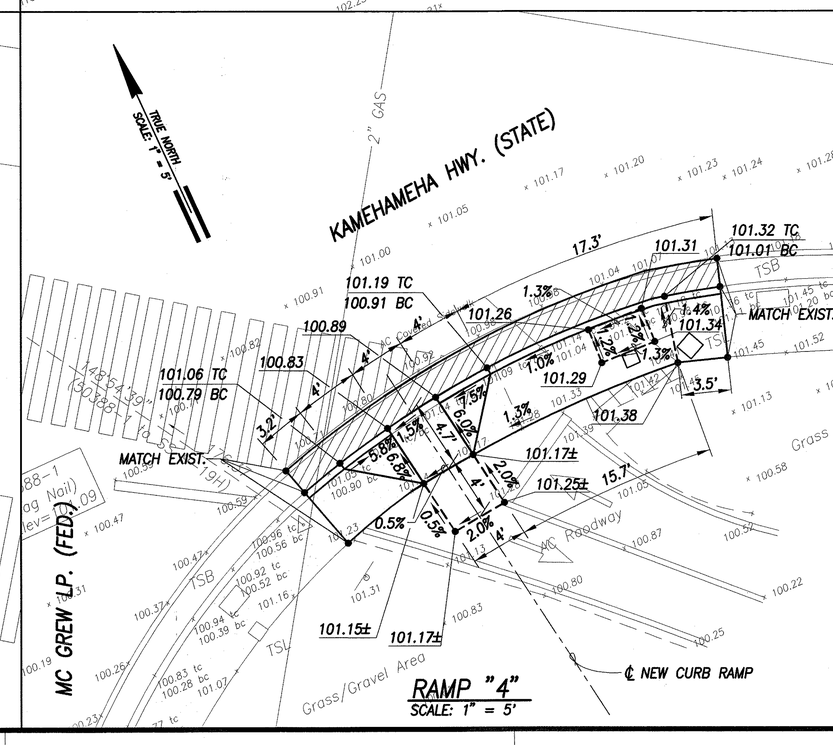
RAMP 1
SCALE: 1" = 5'



RAMP "2"
SCALE: 1" = 5'



RAMP "3"
SCALE: 1" = 5'



RAMP "4"
SCALE: 1" = 5'

LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY., HONOMANU ST. & MC GREW LP.
INTERS. ID NO. 99-50288 & 99-50388
SCALE: 1" = 5'

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

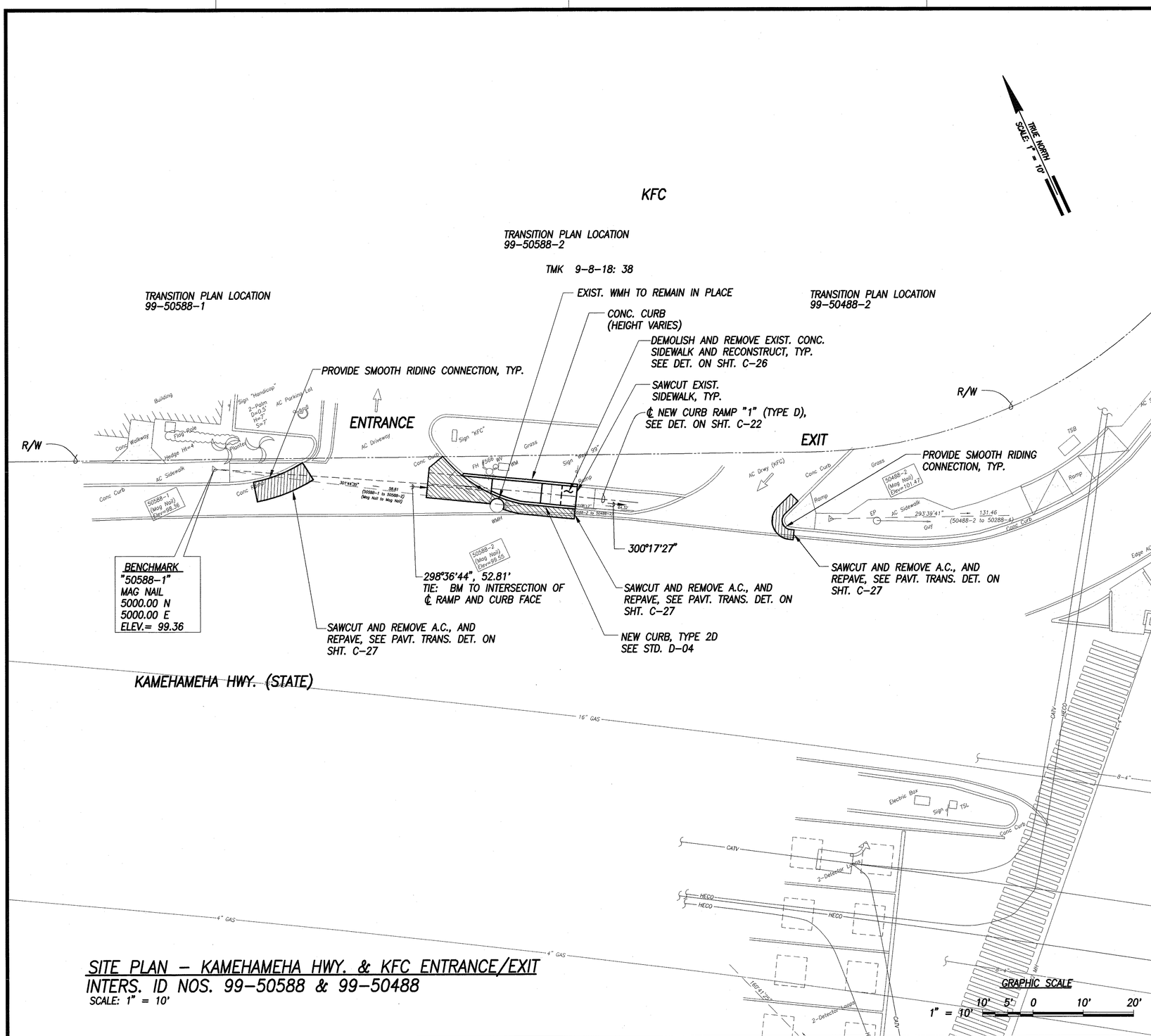
GRADING PLAN – KAMEHAMEHA HWY., HONOMANU ST. & MC GREW LP.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-33 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	C.O. 35	153



SITE PLAN – KAMEHAMEHA HWY. & KFC ENTRANCE/EXIT
INTERS. ID NOS. 99-50588 & 99-50488
SCALE: 1" = 10'

ORIGINAL PLAN		
	NOTE BOOK	
	No.	

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

STACY K. YOKOOJI ARMSTRONG
LICENSED PROFESSIONAL ENGINEER
No. 8983-C
HAWAII, U.S.A.

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SIGNATURE 4/20/06 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN – KAMEHAMEHA HWY. & KFC ENTRANCE/EXIT

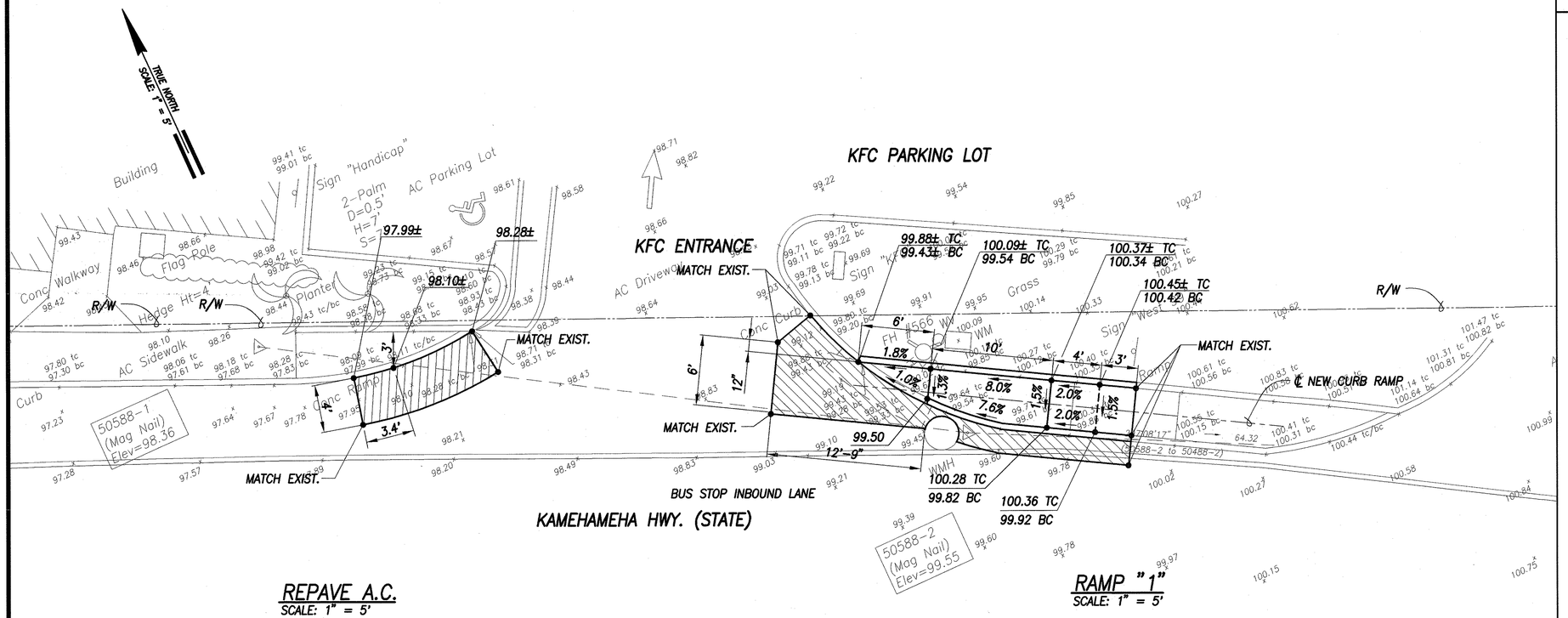
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

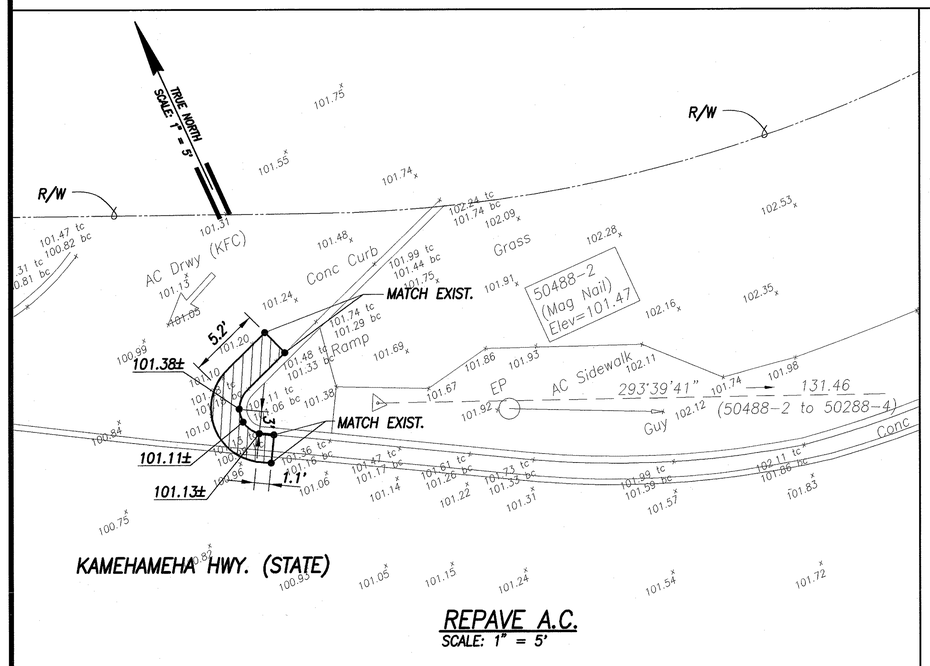
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-34 OF 153 SHEETS

C.O. 35

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	C.O. 36	153





LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY. & KFC ENTRANCE/EXIT
INTERS. ID NO. 99-50588 & 99-50488

SCALE: 1" = 5'

GRAPHIC SCALE

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

STACY K. YOKOOJI ARMSTRONG
LICENSED PROFESSIONAL ENGINEER
No. 8933-C
HAWAII, U.S.A.

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SIGNATURE 4/30/06 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – KAMEHAMEHA HWY. & KFC ENTRANCE/EXIT

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

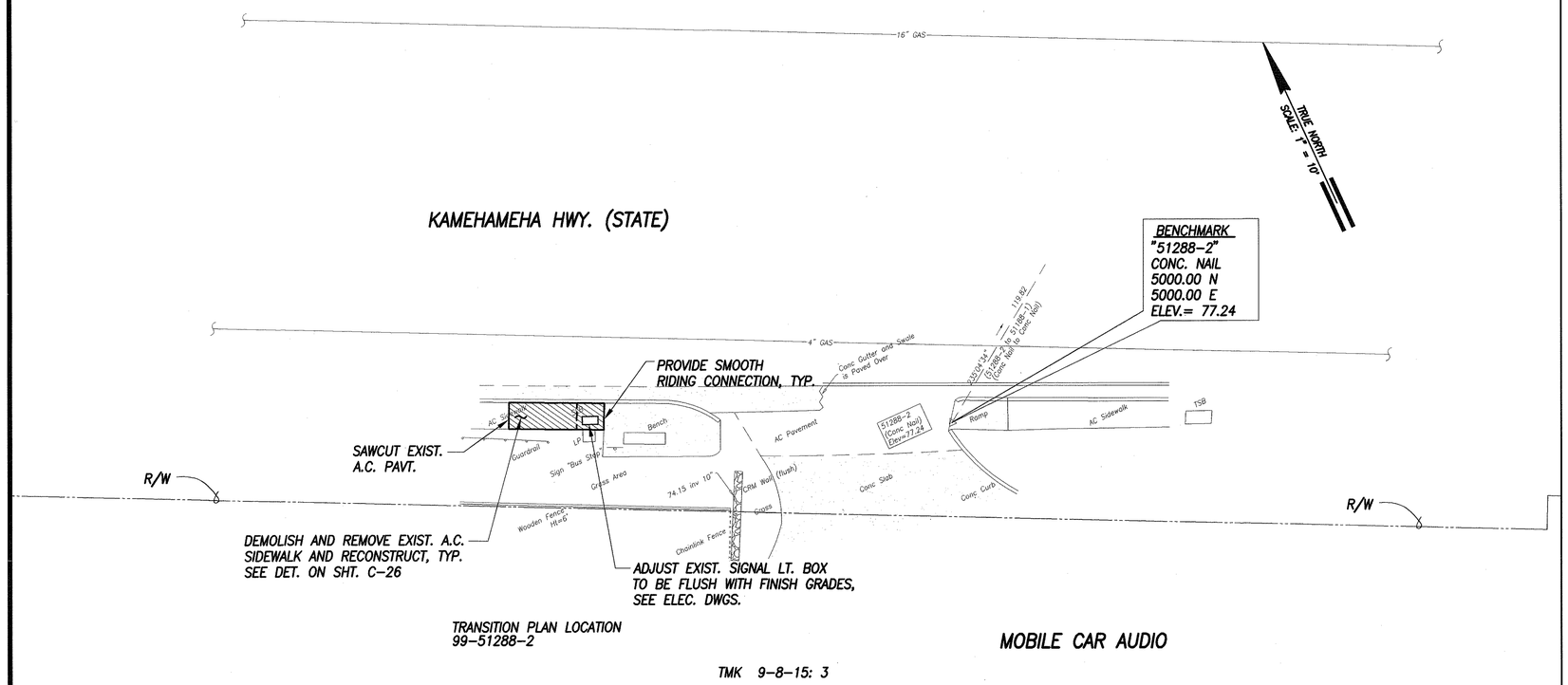
Scale: 1" = 5'-0" Date: August 2004

SHEET No. C-35 OF 153 SHEETS

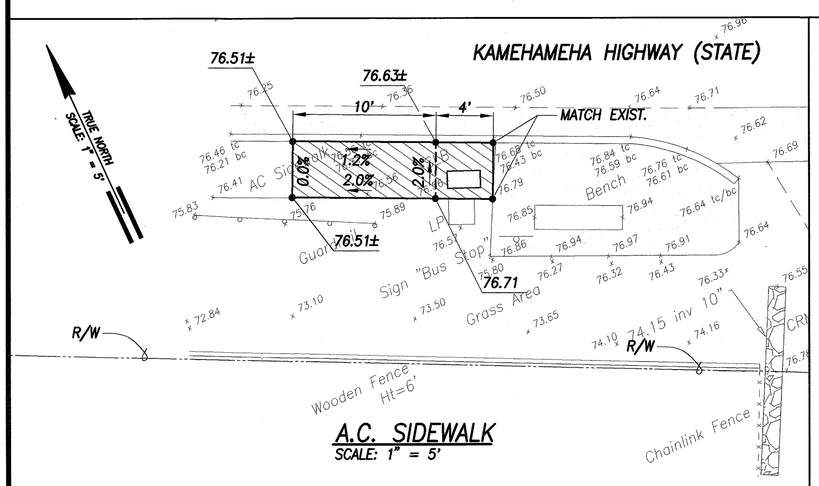
C.O. 36

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	37	153



SITE PLAN – KAMEHAMEHA HIGHWAY & MOBILE CAR AUDIO
INTERS. ID NO. 99-51288
SCALE: 1" = 10'



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

GRADING PLAN – KAMEHAMEHA HWY. & MOBILE CAR AUDIO
INTERS. ID NO. 99-51288
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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
KAMEHAMEHA HWY. & MOBILE CAR AUDIO

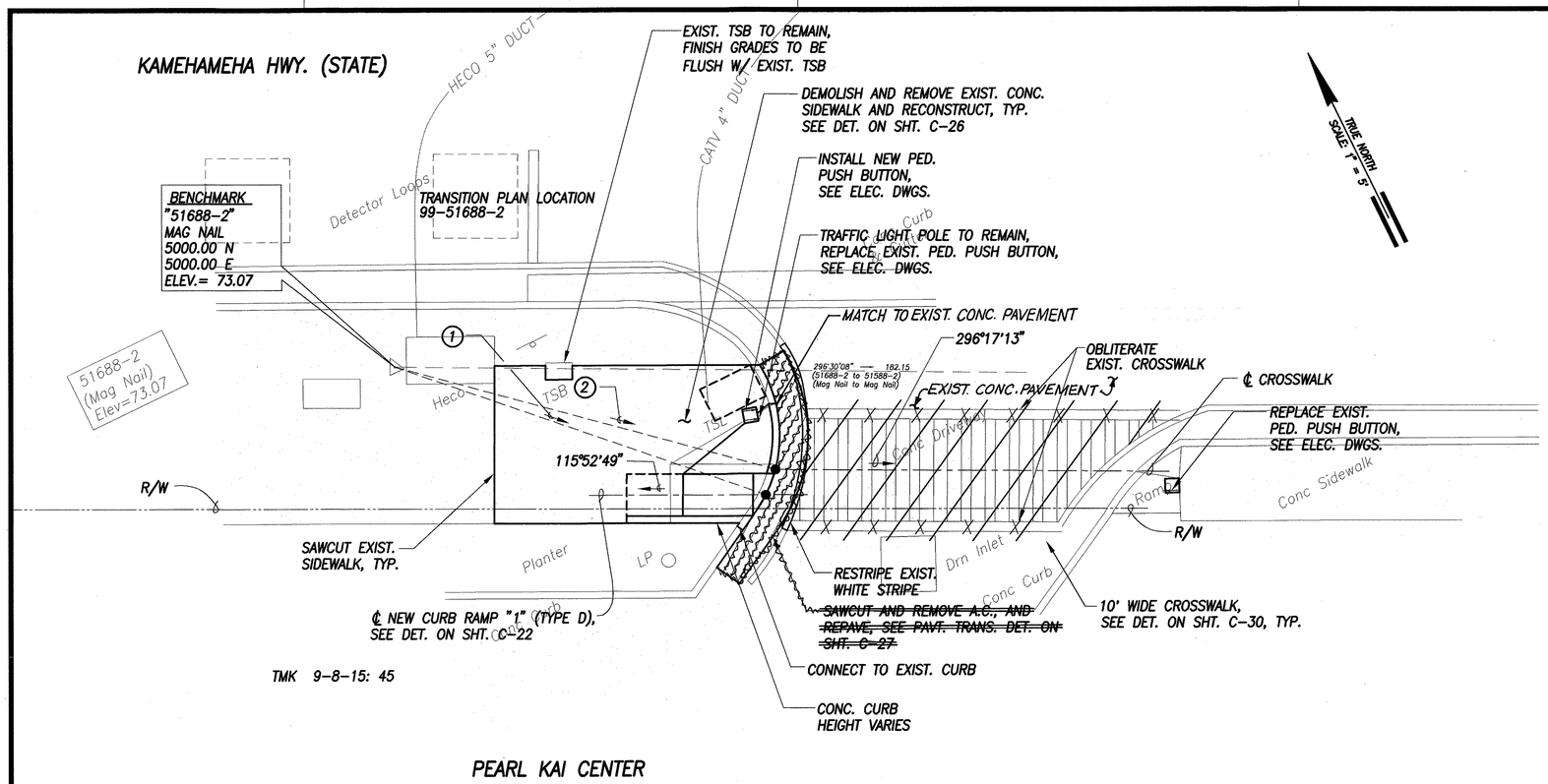
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-36 OF 153 SHEETS

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

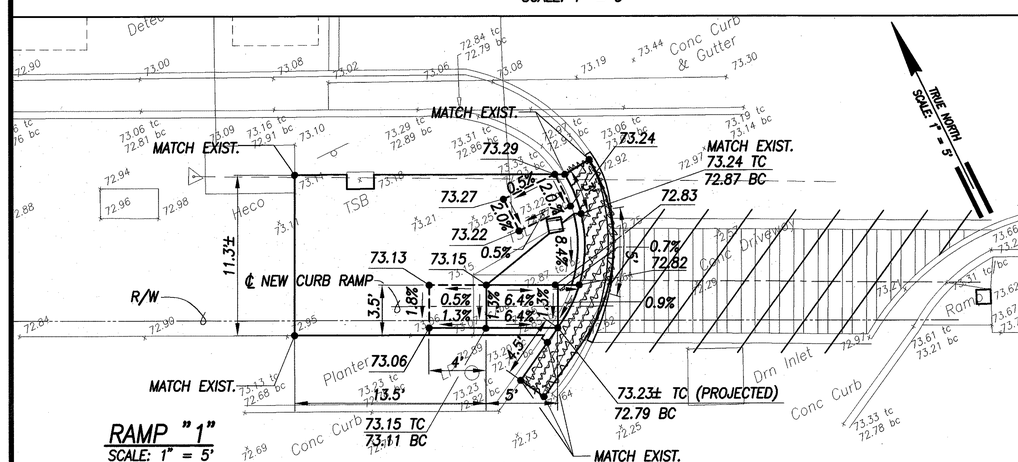
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	ADD. 38	153



SITE PLAN – KAMEHAMEHA HWY. & PEARL KAI CENTER ENTRANCE
INTERS. ID NO. 99-51688
SCALE: 1" = 5'

① 311°08'34" 28.02'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 315°05'47" 27.91'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE



RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY. & PEARL KAI CENTER ENTRANCE
INTERS. ID NO. 99-51688
SCALE: 1" = 5'

LEGEND

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

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

DATE	REVISION
9/16/04	ADD. 1 – REMOVED CALL OUT, REVISED CROSSWALK STRIPING, AND ADDED PUSH BUTTON TO BE REPLACED

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & PEARL KAI CENTER ENTRANCE

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-37 OF 153 SHEETS

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

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SIGNATURE April 30, 2006 DATE

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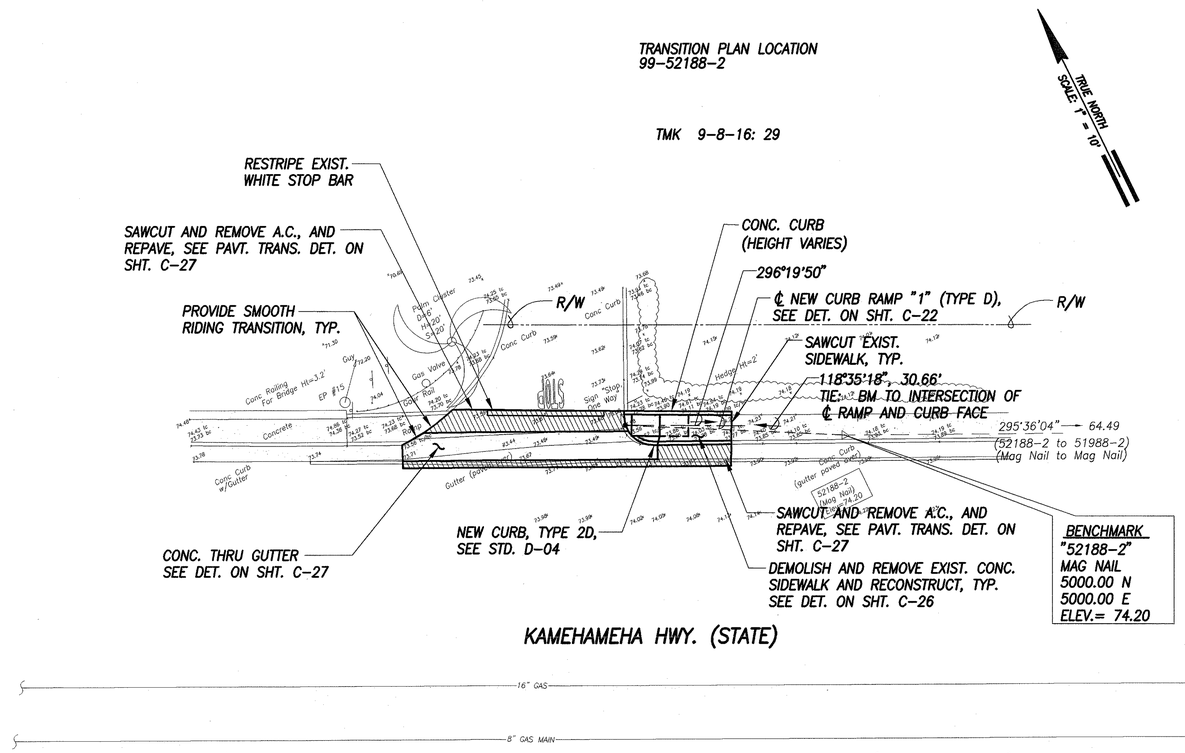
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
	TRACED BY	
NOTE BOOK	DESIGNED BY	
	QUANTITIES BY	
No.	CHECKED BY	

"AS-BUILT" ADD. 38

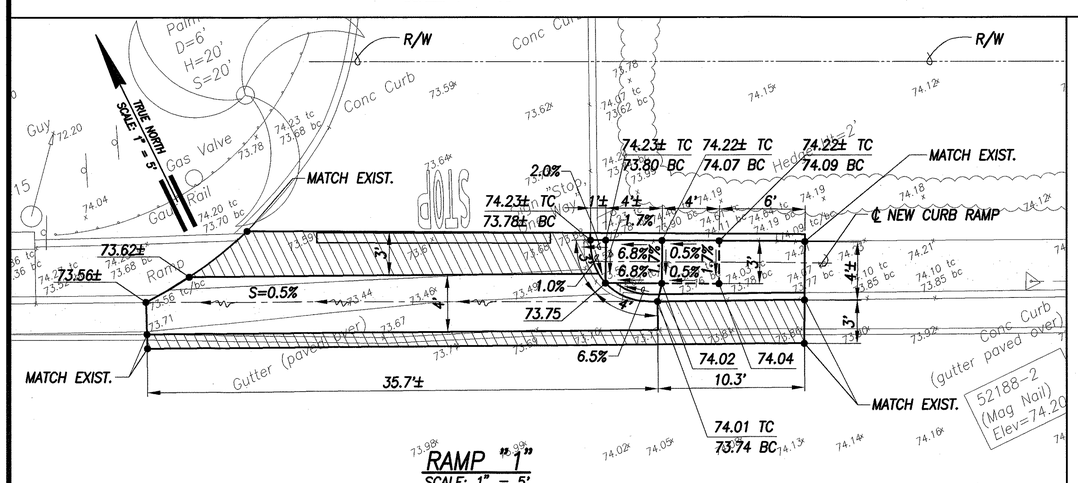
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	39	153



SITE PLAN – KAMEHAMEHA HWY. & PEARLRIDGE SHOPPING CTR. (SEARS EXIT)

INTERS. ID NO. 99-52188

SCALE: 1" = 10'



GRADING PLAN – KAMEHAMEHA HWY. & PEARLRIDGE SHOPPING CTR. (SEARS EXIT)

INTERS. ID NO. 99-52188

SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN– KAMEHAMEHA HWY. & PEARLRIDGE SHOPPING CTR. (SEARS EXIT)

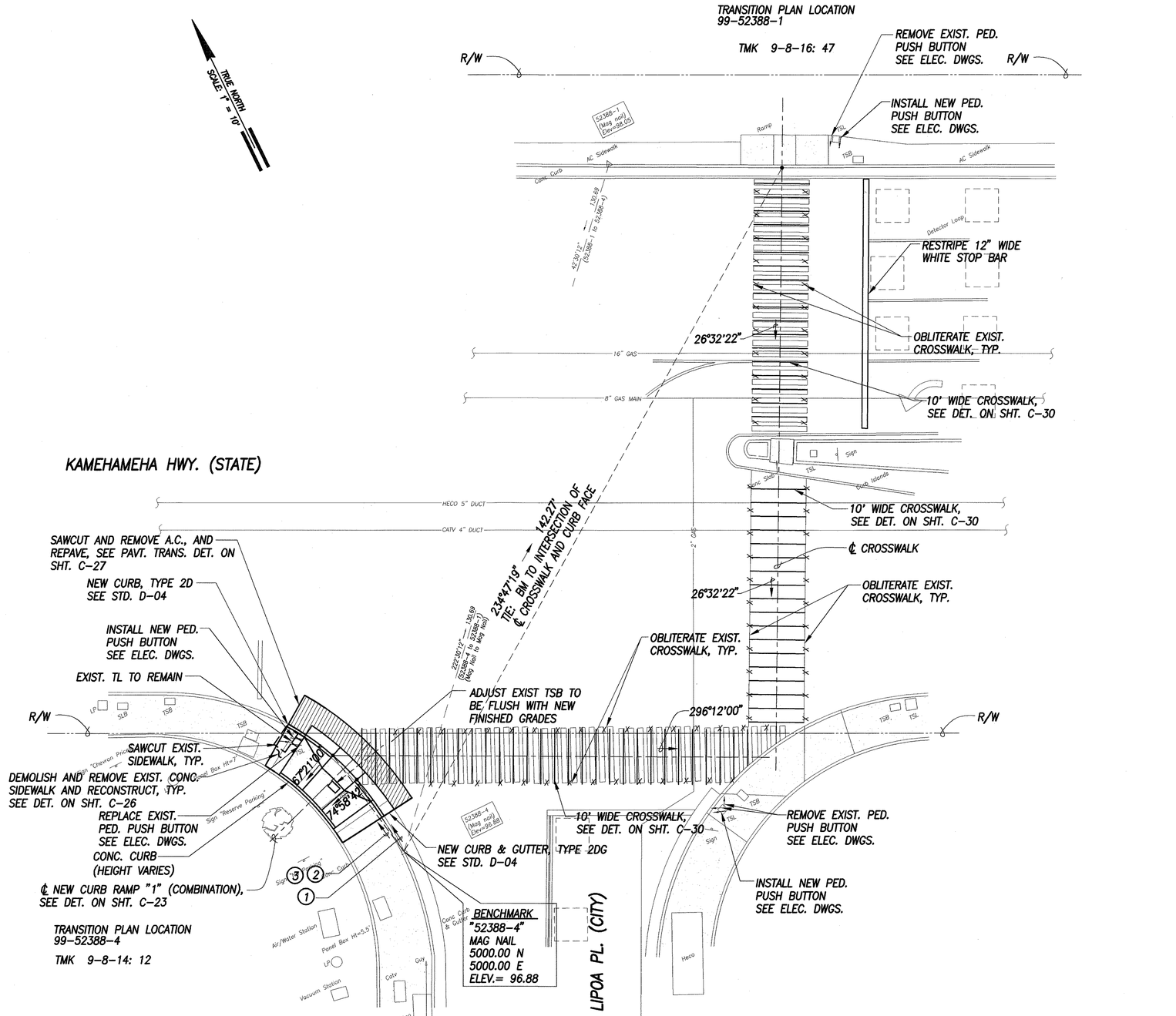
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-38 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	40	153



SITE PLAN – KAMEHAMEHA HWY. & LIPOA PL.
INTERS. ID NO. 99-52388
SCALE: 1" = 10'

① 172°55'56" 15.64'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 163°36'37" 21.73'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

③ 163°36'37" 21.73'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

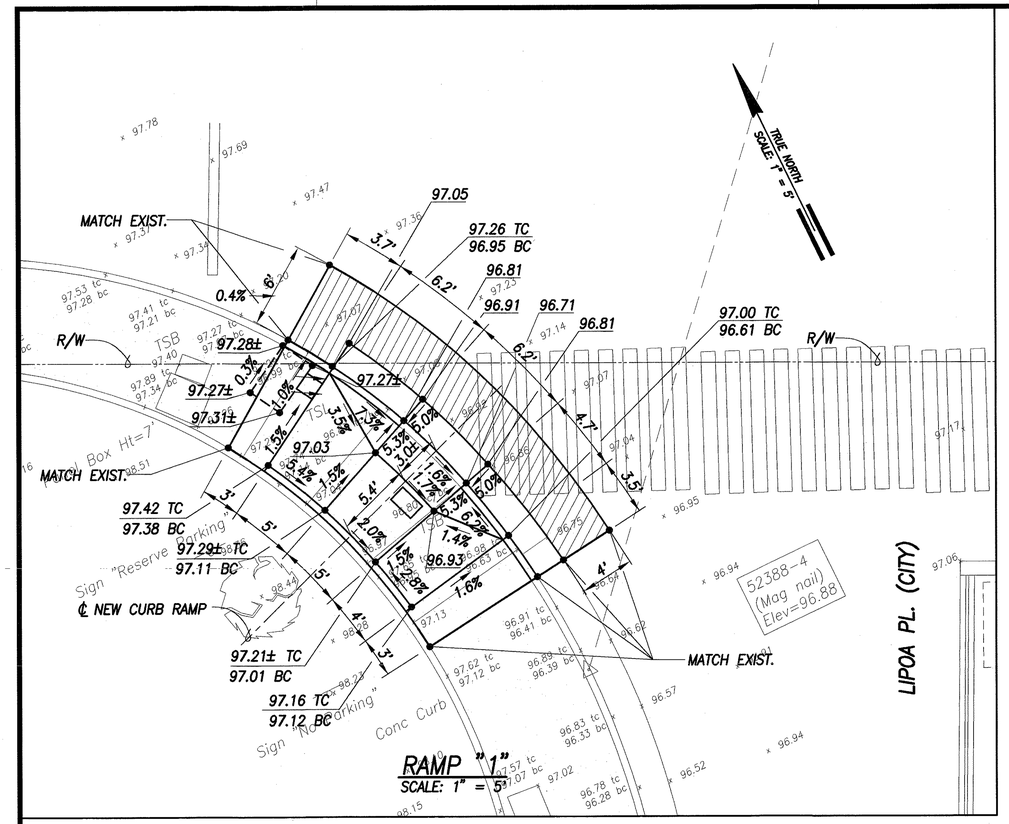
SITE PLAN
KAMEHAMEHA HWY. & LIPOA PL.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-39 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	41	153



RAMP "1"
SCALE: 1" = 5'

LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY. & LIPOA PL.
INTERS. ID NO. 99-52388
SCALE: 1" = 5'

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

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

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

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

SIGNATURE April 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

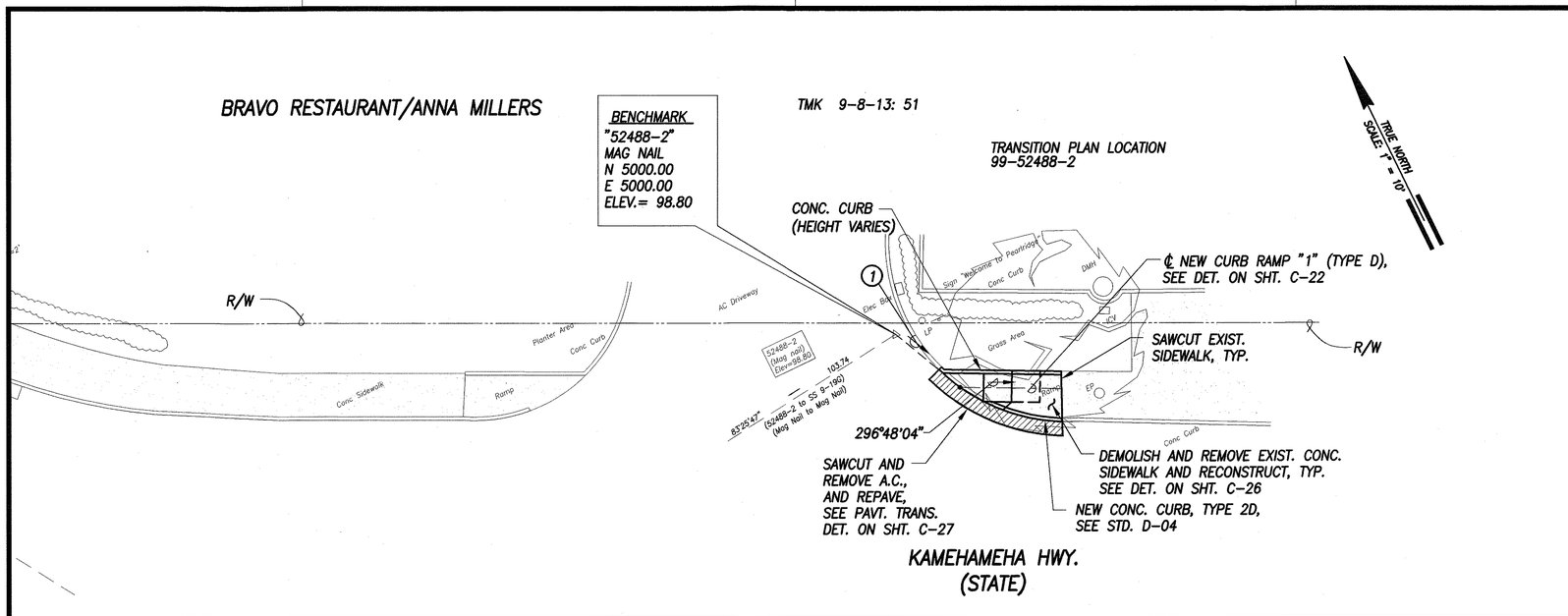
GRADING PLAN
KAMEHAMEHA HWY. & LIPOA PL.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

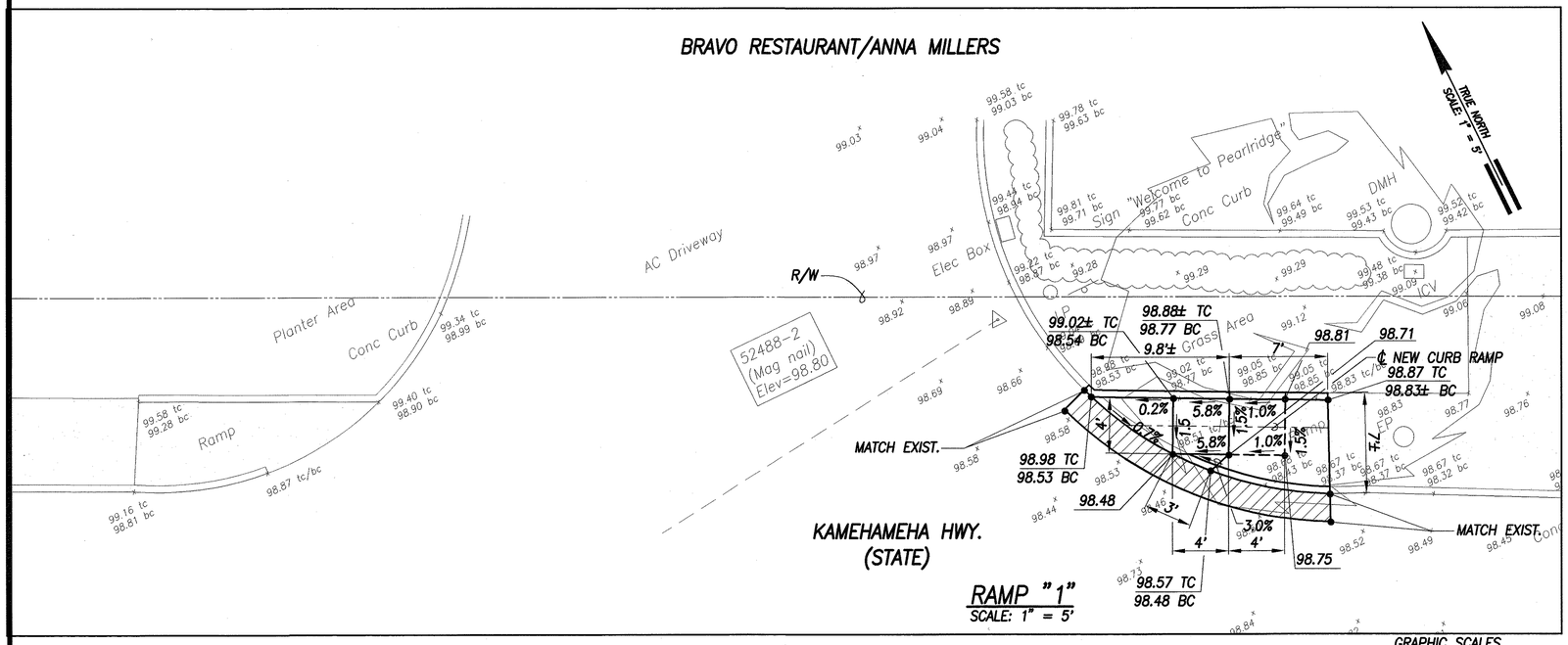
SHEET No. C-40 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	42	153



1 335°37'15" 11.89'
TIE: BM TO INTERSECTION OF ℄
RAMP AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY. & BRAVO RESTAURANT
INTERS. ID NO. 99-52488
SCALE: 1" = 10'



RAMP "1"
SCALE: 1" = 5'

LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – KAMEHAMEHA HWY. & BRAVO RESTAURANT
INTERS. ID NO. 99-52488
SCALE: 1" = 5'

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	

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

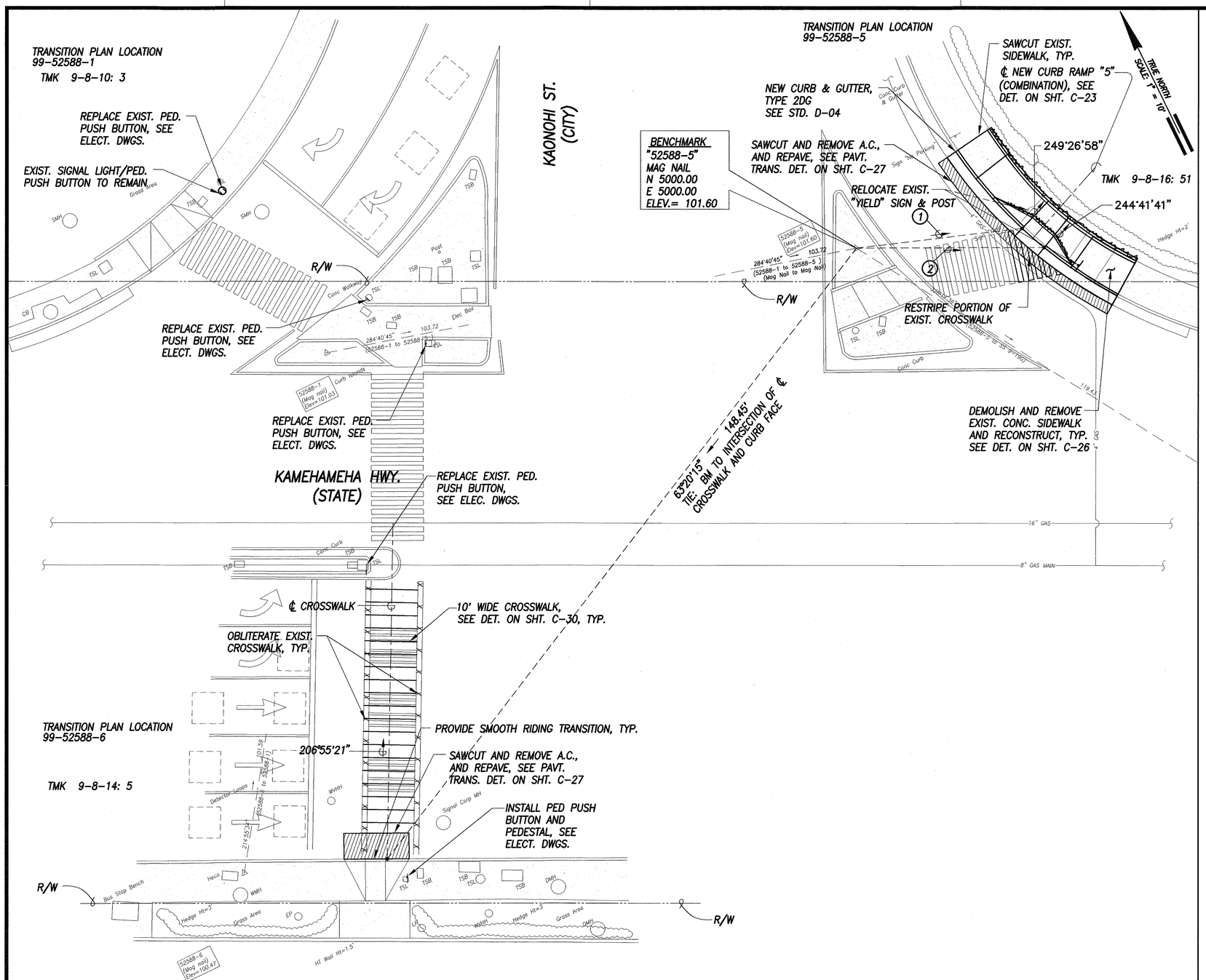
SITE & GRADING PLAN
KAMEHAMEHA HWY. & BRAVO RESTAURANT

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-41 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	43	153



1 289°10'54" 32.02'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

2 295°49'30" 36.02'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY. & KAONOHI ST.

INTERS. ID NO. 99-52588

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	

GREG H. HIYAKUMOTO LICENSED PROFESSIONAL ENGINEER No. 6662-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

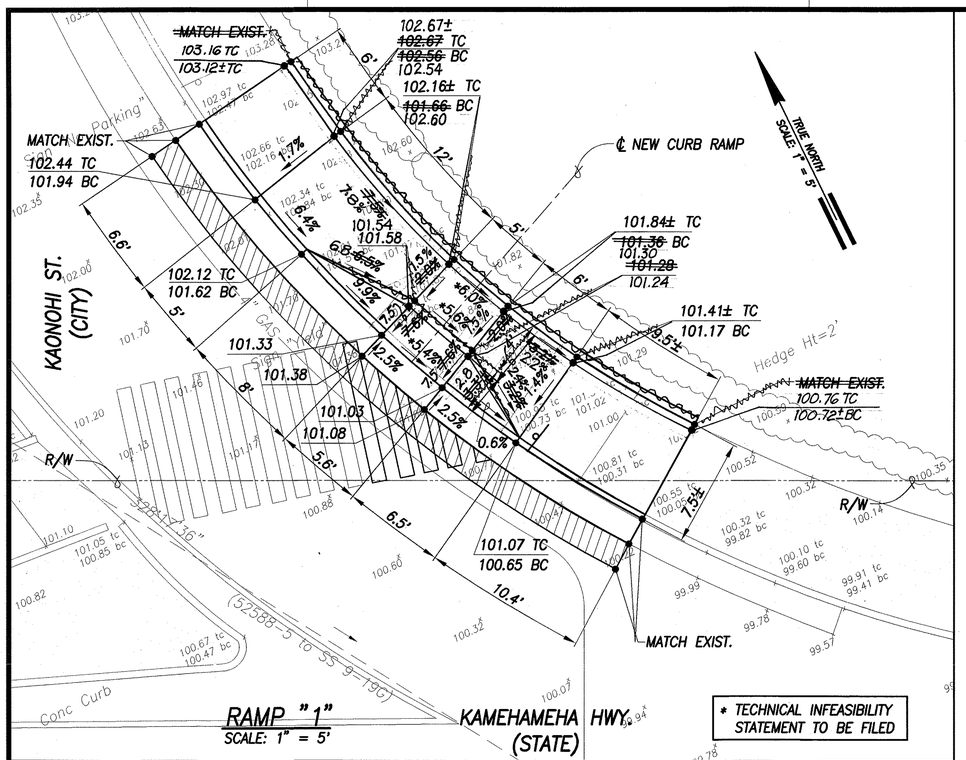
SITE PLAN
KAMEHAMEHA HWY. & KAONOHI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

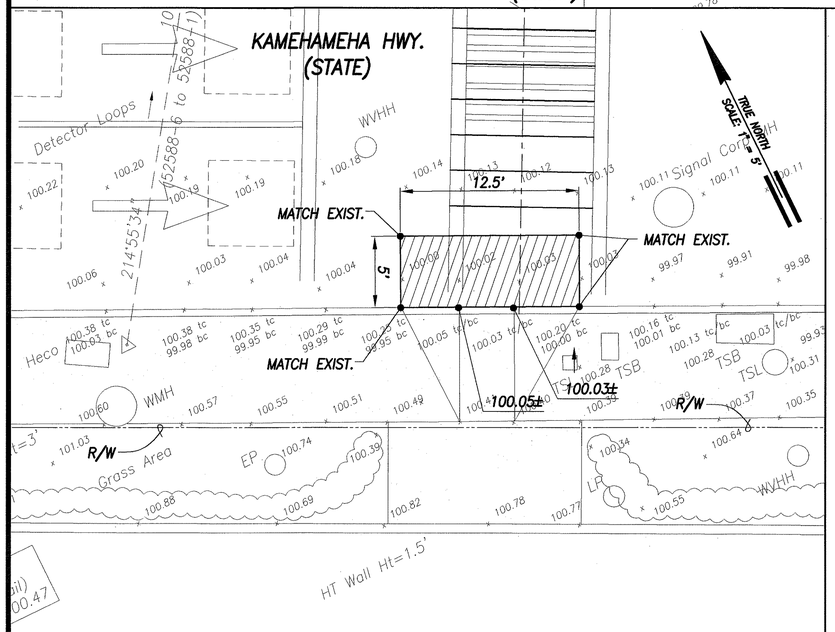
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-42 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	44	153



RAMP "1"
SCALE: 1" = 5'



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

LEGEND

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

REDUCED PLAN
(HALF SIZE)
0 1 2 3
3 INCHES OF ORIGINAL PLAN

GRADING PLAN – KAMEHAMEHA HWY. & KAONOHI ST.
INTERS. ID NO. 99-52588
SCALE: 1" = 5'

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
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SIGNATURE 7/14/04 DATE April 30, 2006

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AS-BUILT

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAMEHAMEHA HWY. & KAONOHI ST.

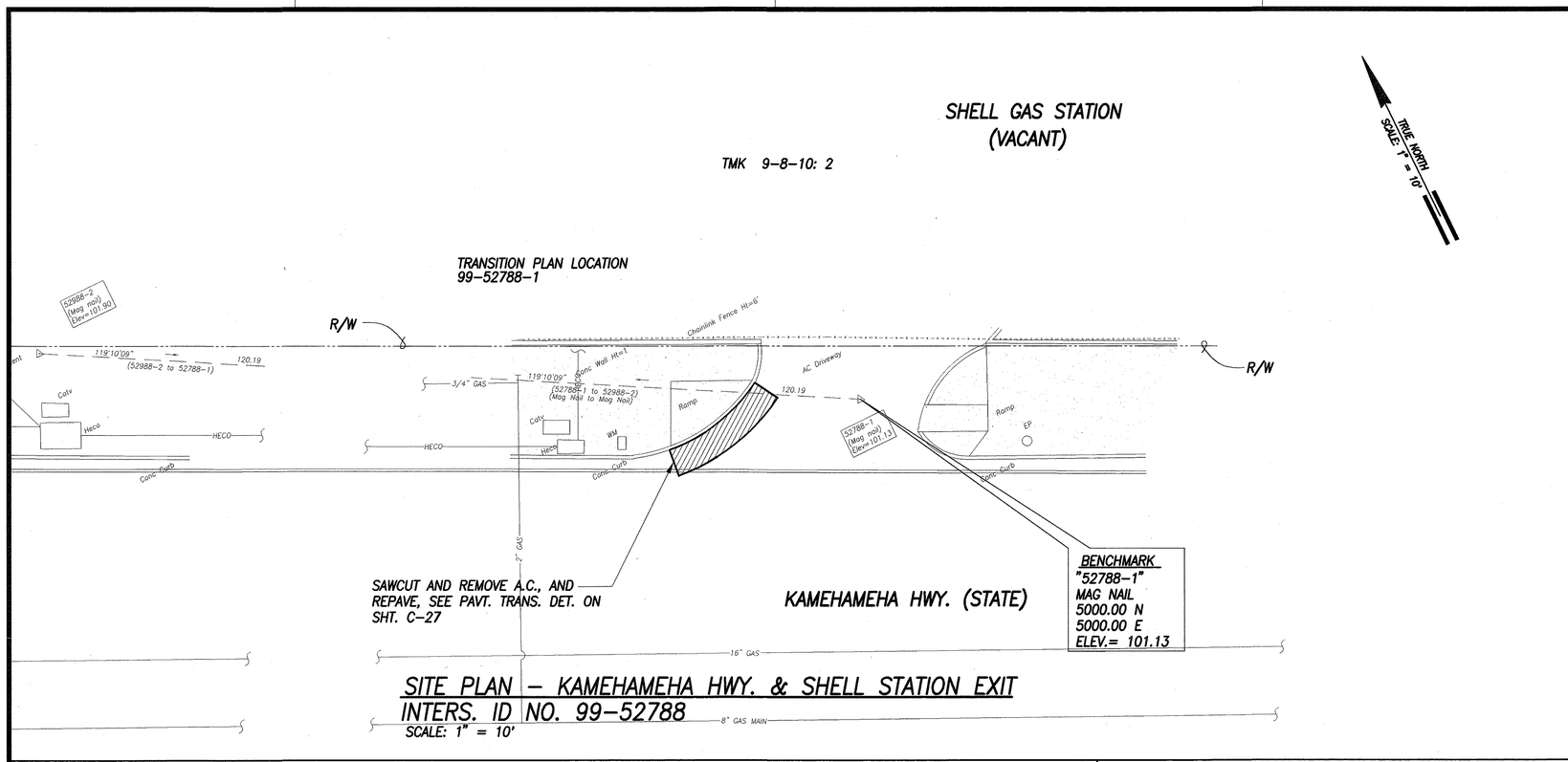
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: 1" = 5'-0" Date: July 14, 2004

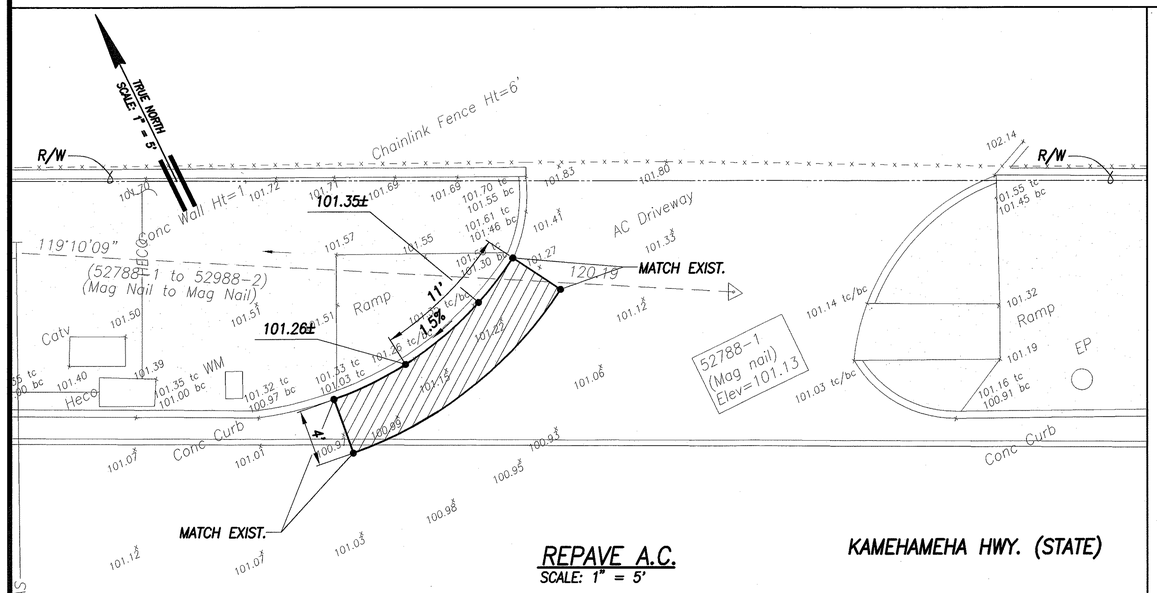
SHEET No. C-43 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	45	153



SITE PLAN – KAMEHAMEHA HWY. & SHELL STATION EXIT
INTERS. ID NO. 99-52788
SCALE: 1" = 10'



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

GRADING PLAN – KAMEHAMEHA HWY. & SHELL STATION EXIT
INTERS. ID NO. 99-52788
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & SHELL STATION EXIT

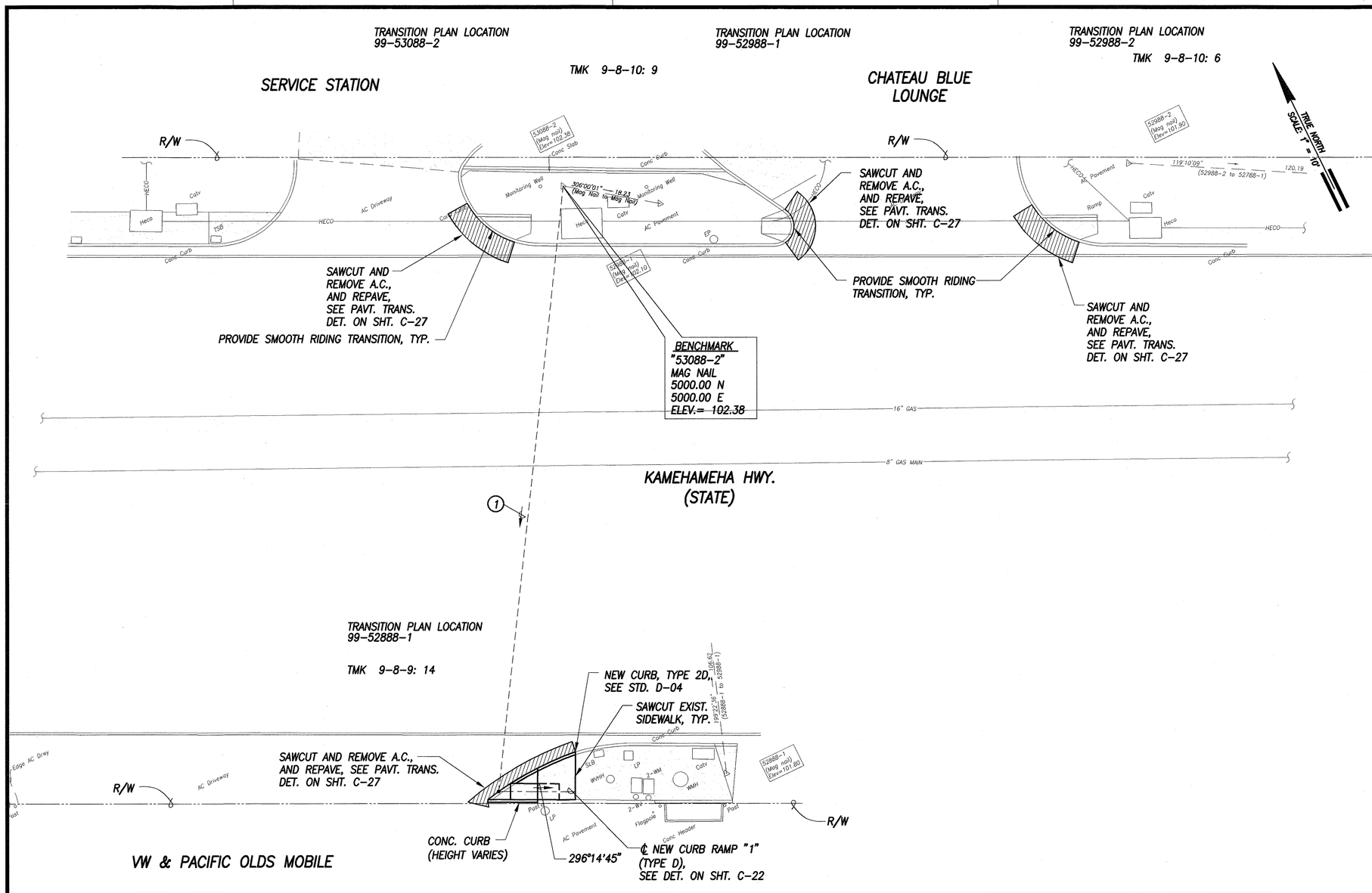
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-44 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	46	153



1 32°01'56" 113.08'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

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

SITE PLAN – KAMEHAMEHA HWY., VW & PACIFIC OLDS MOBILE, CHATEAU BLUE LOUNGE & SERVICE STATION
INTERS. ID NOS. 99-52888, 99-52988 & 99-53088
SCALE: 1" = 10'

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

GREG H. HIYAKUMOTO
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No. 6662-C
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STATE OF HAWAII
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HIGHWAYS DIVISION

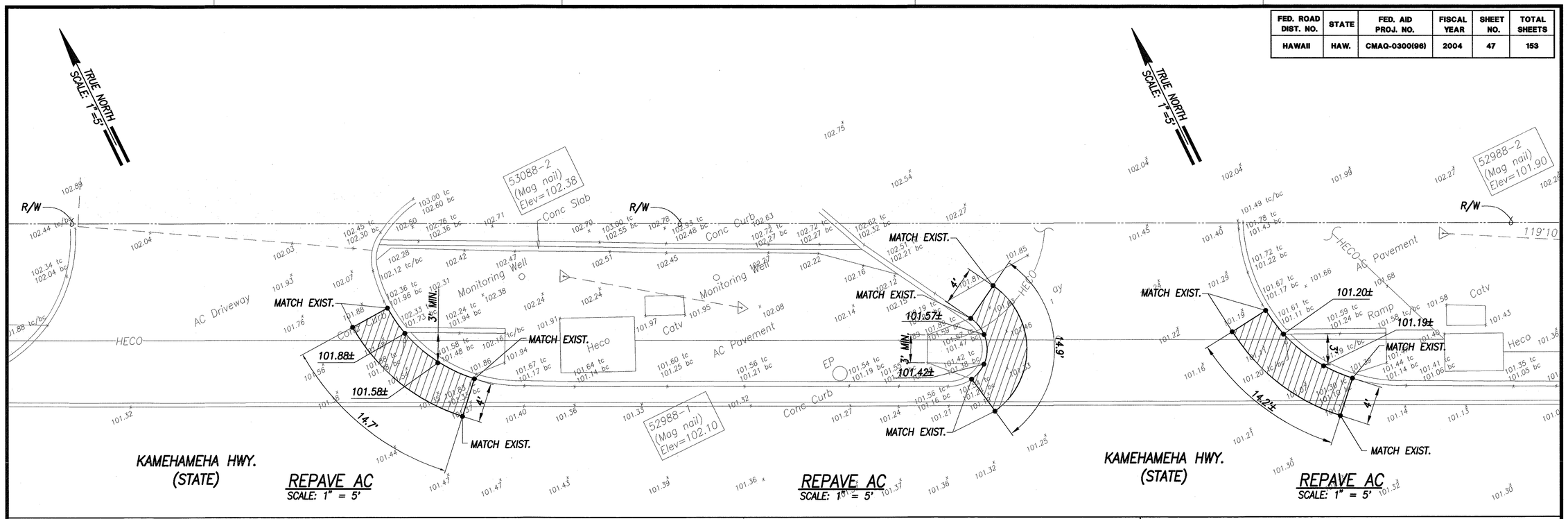
SITE PLAN – KAMEHAMEHA HWY., VW & PACIFIC OLDSMOBILE, CHATEAU BLUE LOUNGE & SERVICE STATION

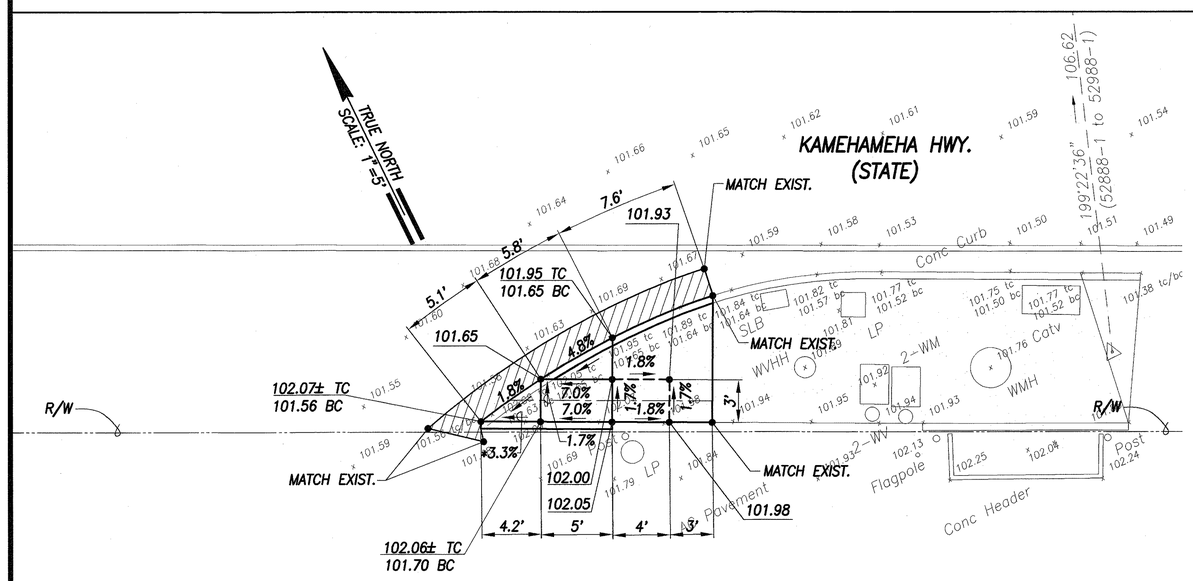
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-45 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	47	153





RAMP "1"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

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

LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY., VW & OLDSMOBILE, CHATEAU BLUE LOUNGE & SERVICE STATION

INTERS. ID NOS. 99–52888, 99–52988 & 99–53088

SCALE: 1" = 5'

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

GREG H. HIYAKUMOTO
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

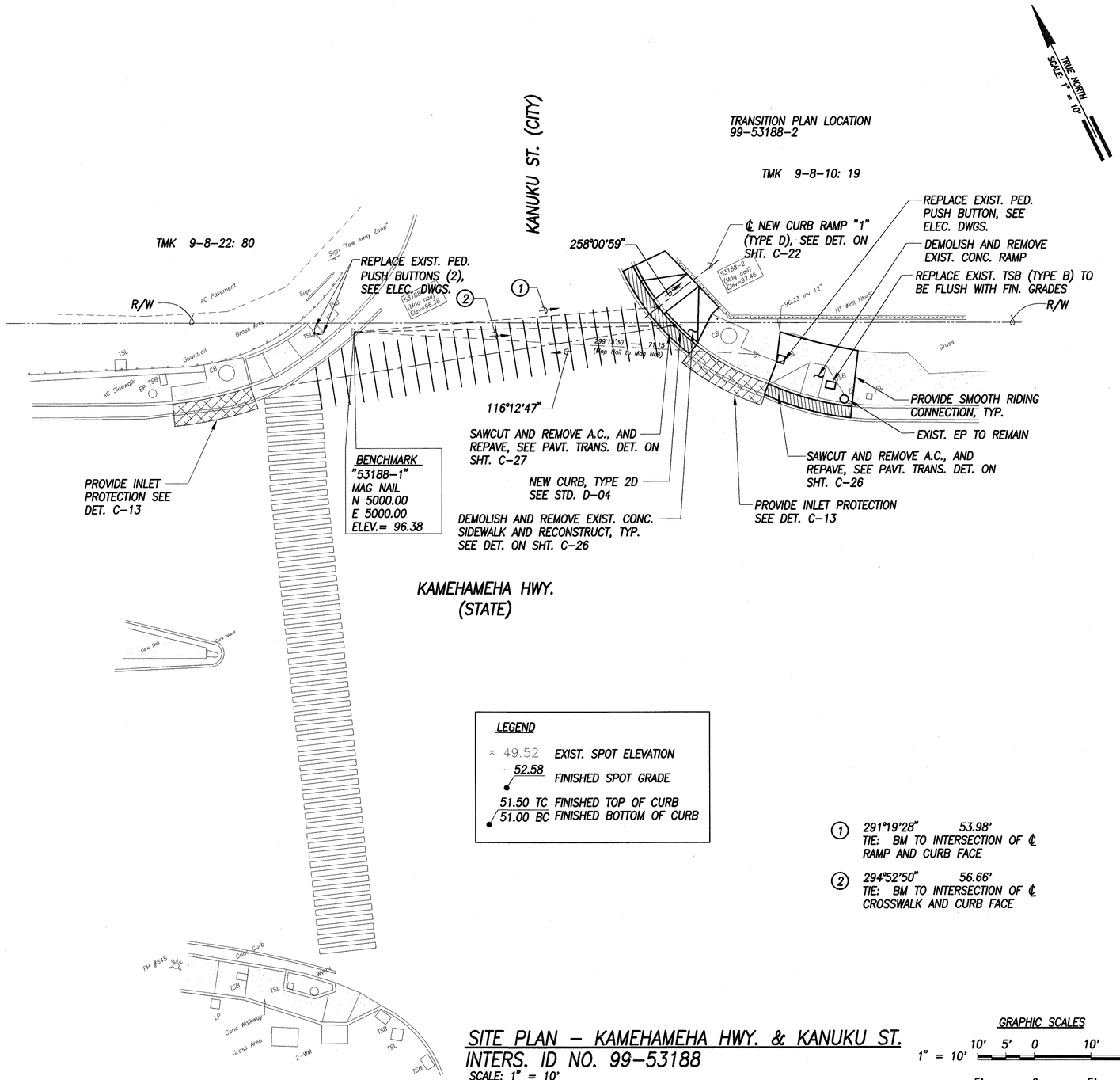
GRADING PLAN – KAMEHAMEHA HWY., VW & PACIFIC OLDSMOBILE, CHATEAU BLUE LOUNGE & SERVICE STATION

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-46 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	48	153



LEGEND

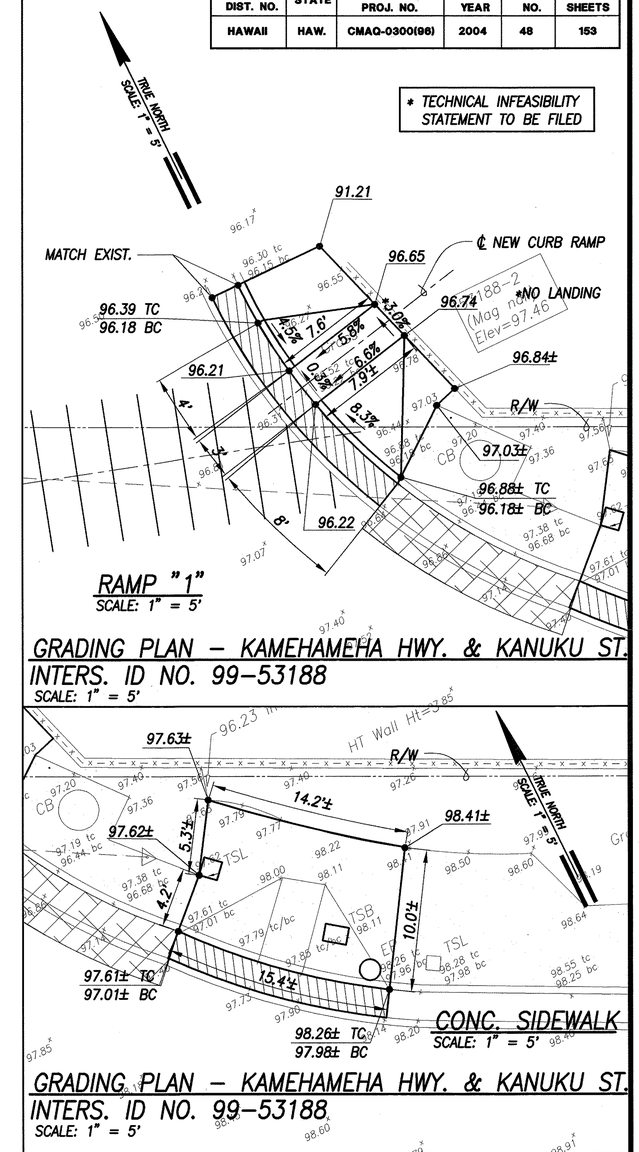
× 49.52	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT GRADE
51.50 TC	FINISHED TOP OF CURB
51.00 BC	FINISHED BOTTOM OF CURB

① 291°19'28" 53.98'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 294°52'50" 56.66'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY. & KANUKU ST.
INTERS. ID NO. 99-53188
SCALE: 1" = 10'

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



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & KANUKU ST.

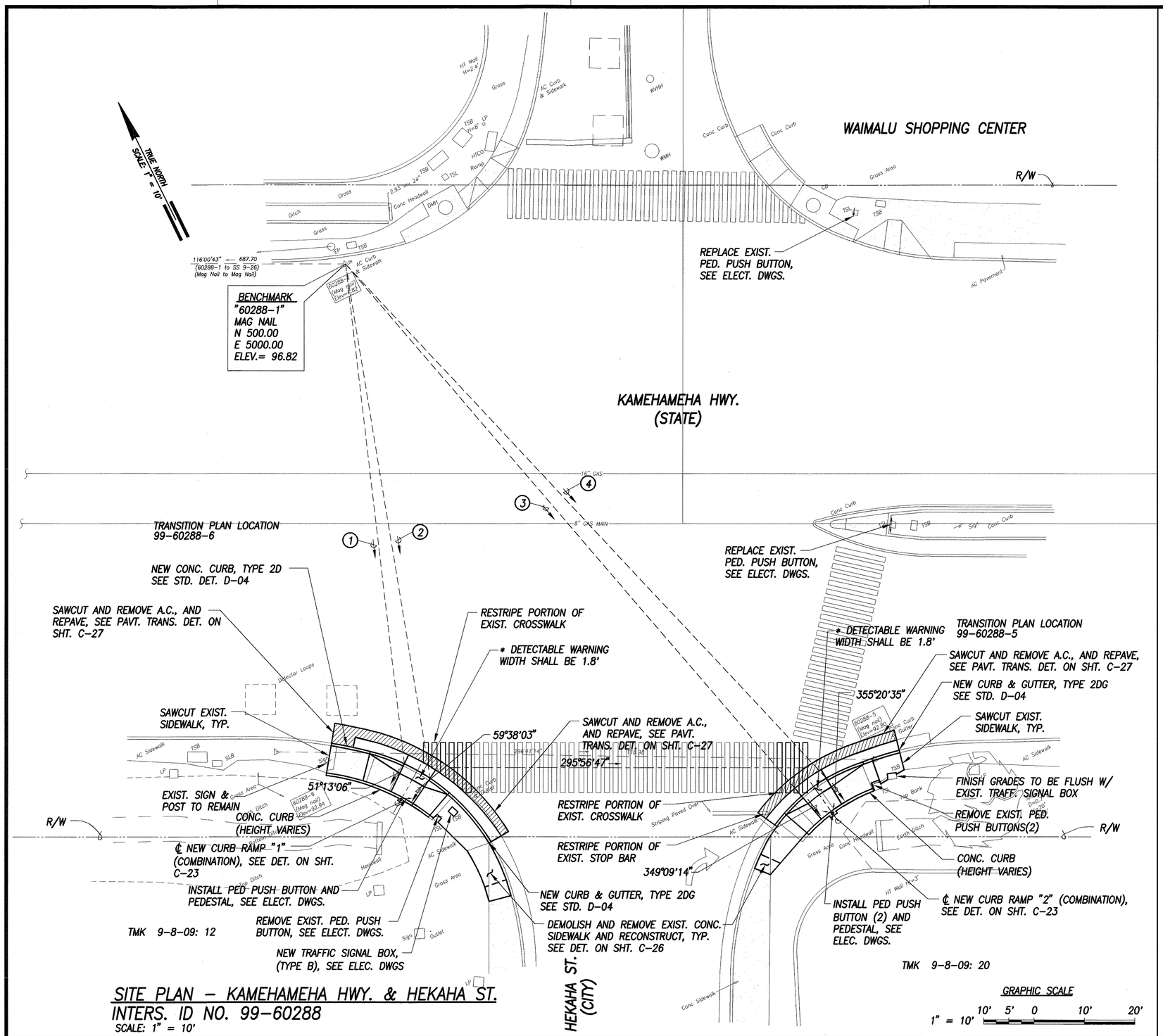
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-47 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	49	153



SITE PLAN – KAMEHAMEHA HWY. & HEKAHA ST.
INTERS. ID NO. 99-60288
SCALE: 1" = 10'

① 191°15'13" 100.32'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 16°37'43" 103.91'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 345°26'59" 139.47'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 342°58'27" 140.11'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

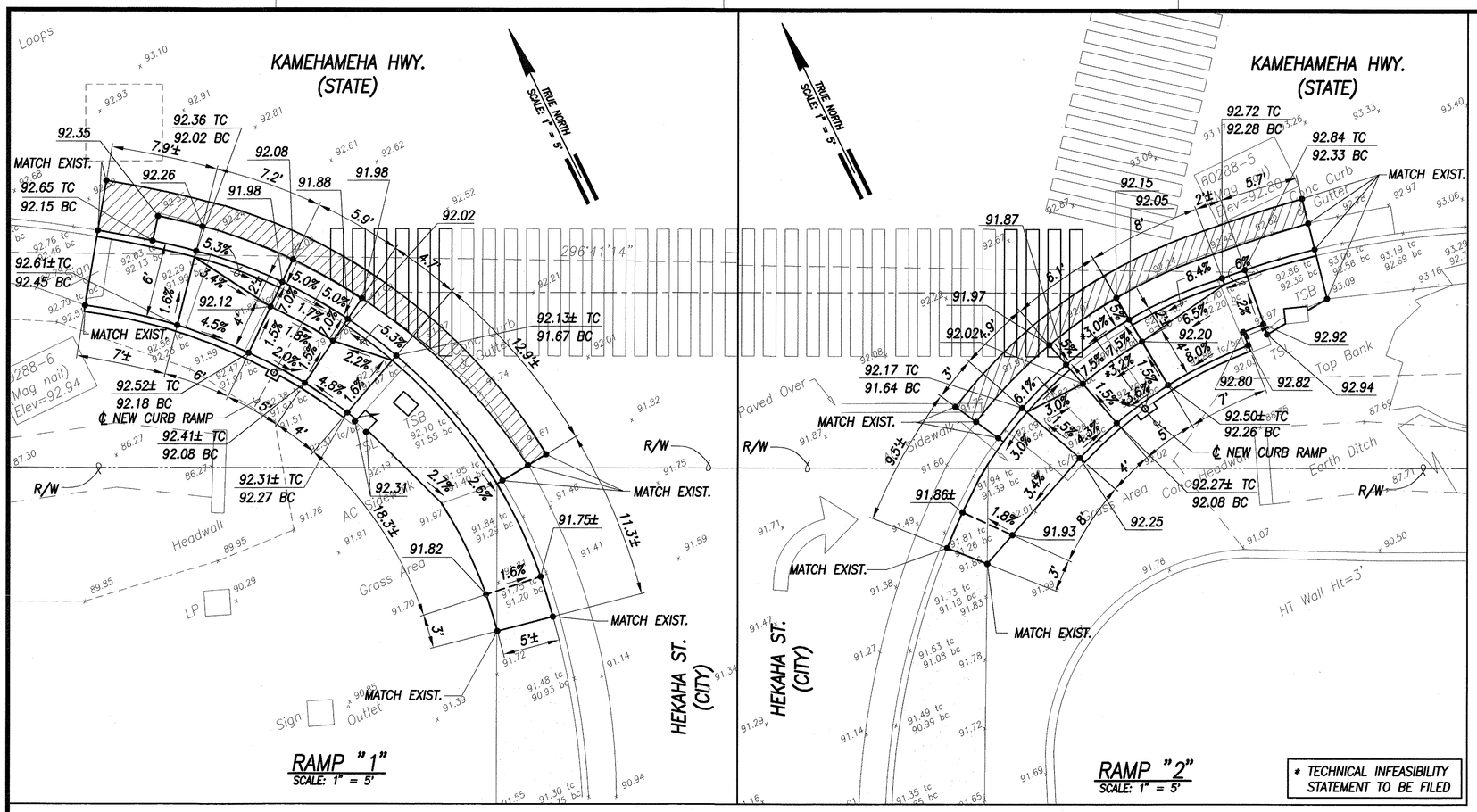
SITE PLAN
KAMEHAMEHA HWY. & HEKAHA ST.

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-48 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	50	153



LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – KAMEHAMEHA HWY. & HEKAHA ST.

INTERS. ID NO. 99-60288

SCALE: 1" = 5'

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

GRAPHIC SCALE

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

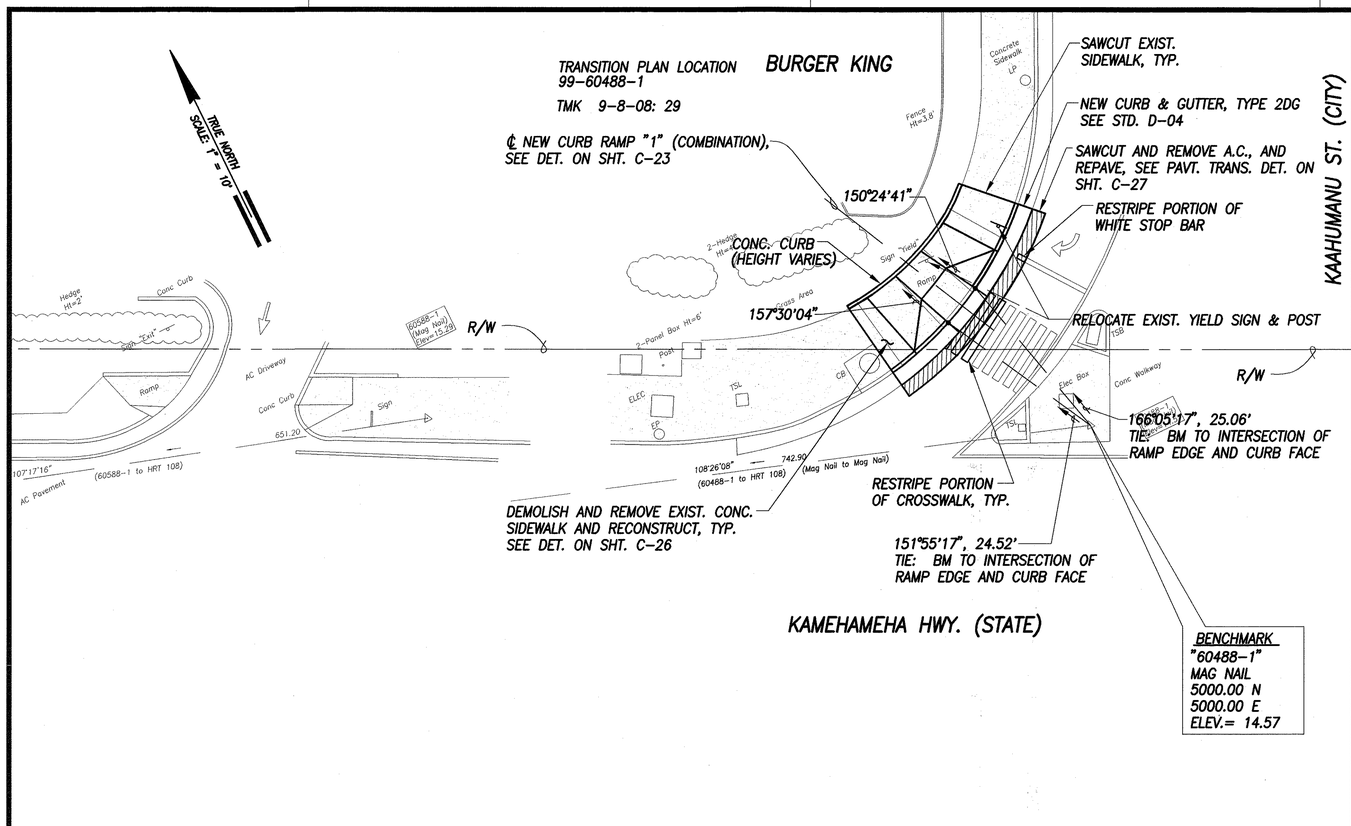
GRADING PLAN
KAMEHAMEHA HWY. & HEKAHA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

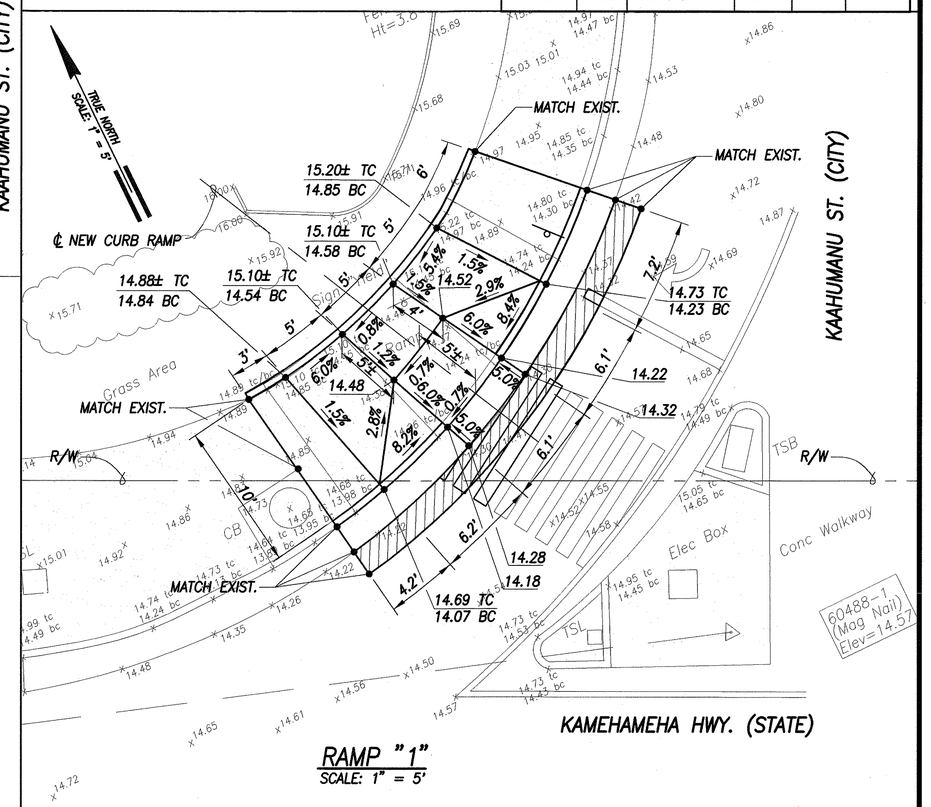
Scale: 1" = 5'-0" Date: August 2004

SHEET No. C-49 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	51	153



SITE PLAN – KAMEHAMEHA HWY. & KAAHUMANU ST.
INTERS. ID NO. 99-60488
SCALE: 1" = 10'



RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY. & KAAHUMANU ST.
INTERS. ID NO. 99-60488
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

GREG H. HIYAKUMOTO
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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".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & KAAHUMANU ST.

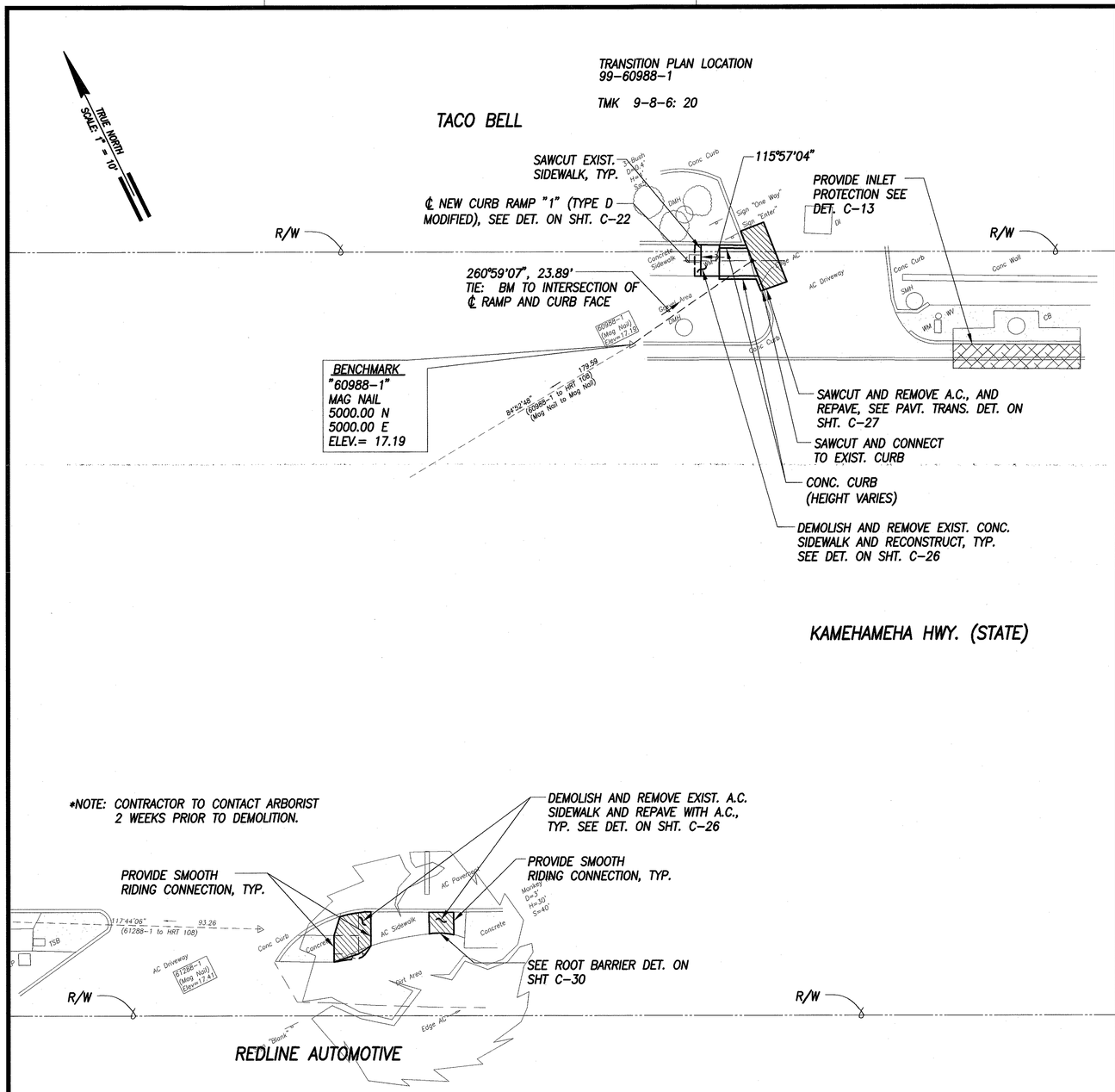
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

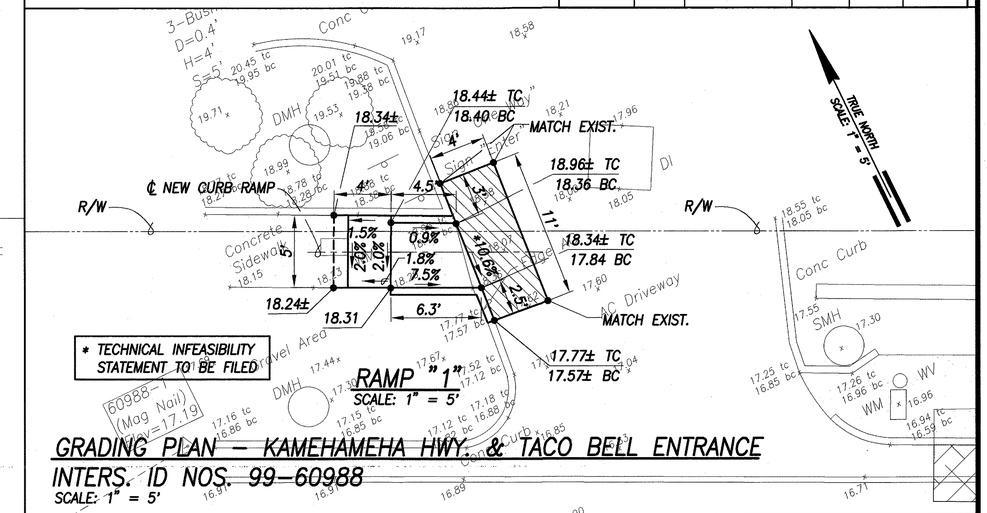
SHEET No. C-50 OF 153 SHEETS

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

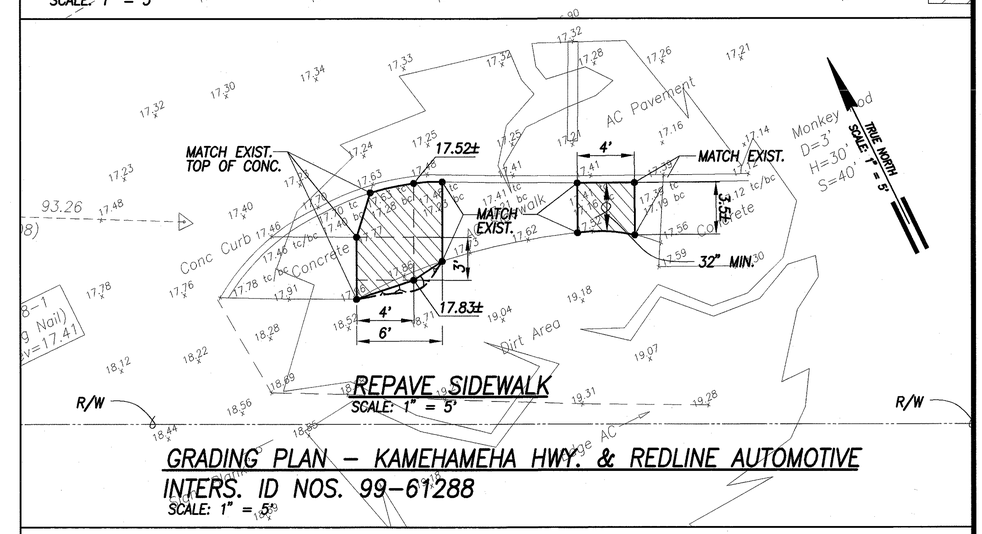
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	C.O. 52	153



SITE PLAN – KAMEHAMEHA HWY., TACO BELL ENTRANCE & REDLINE AUTOMOTIVE
INTERS. ID NOS. 99-60988 & 99-61288
SCALE: 1" = 10'



GRADING PLAN – KAMEHAMEHA HWY. & TACO BELL ENTRANCE
INTERS. ID NOS. 99-60988
SCALE: 1" = 5'



GRADING PLAN – KAMEHAMEHA HWY. & REDLINE AUTOMOTIVE
INTERS. ID NOS. 99-61288
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

STACY K. YOKOOJI ARMSTRONG
LICENSED PROFESSIONAL ENGINEER
No. 6363-C
HAWAII, U.S.A.

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SIGNATURE DATE 4/30/04

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN–KAMEHAMEHA HWY., TACO BELL ENTRANCE & REDLINE AUTOMOTIVE

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

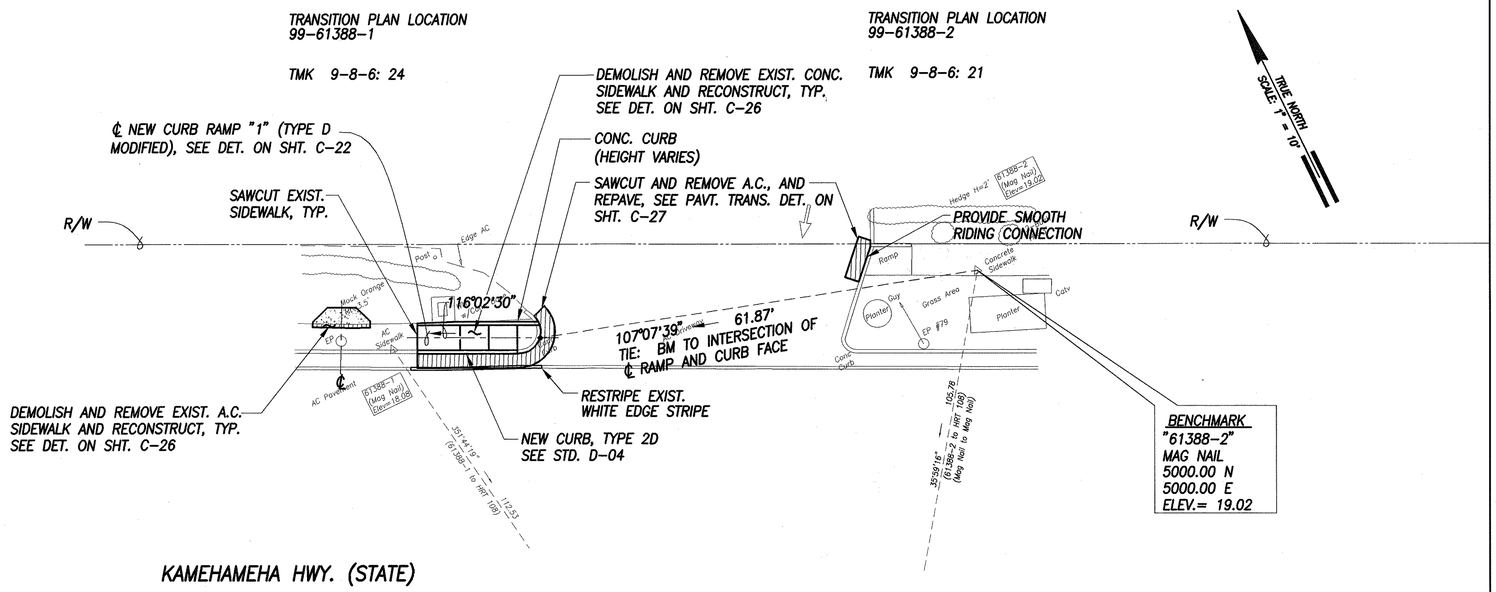
Scale: AS SHOWN Date: August 2004

SHEET No. C-51 OF 153 SHEETS

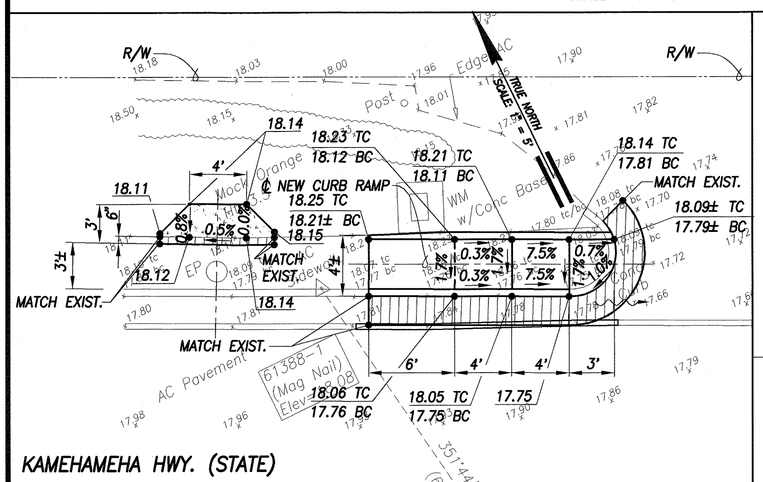
ORIGINAL PLAN | NOTE BOOK No. | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE

C.O. 52

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	53	153

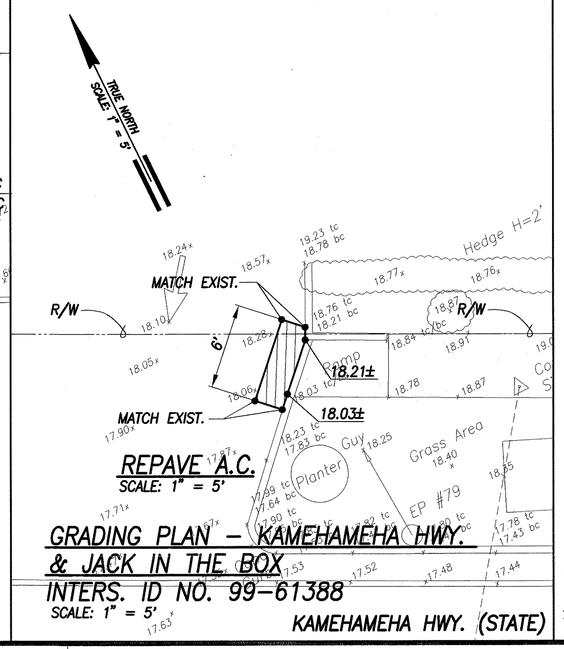


SITE PLAN – KAMEHAMEHA HWY. & JACK IN THE BOX
INTERS. ID NO. 99-61388
SCALE: 1" = 10'



RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY. & JACK IN THE BOX
INTERS. ID NO. 99-61388
SCALE: 1" = 5'



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

GRADING PLAN – KAMEHAMEHA HWY. & JACK IN THE BOX
INTERS. ID NO. 99-61388
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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

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

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
KAMEHAMEHA HWY. & JACK IN THE BOX

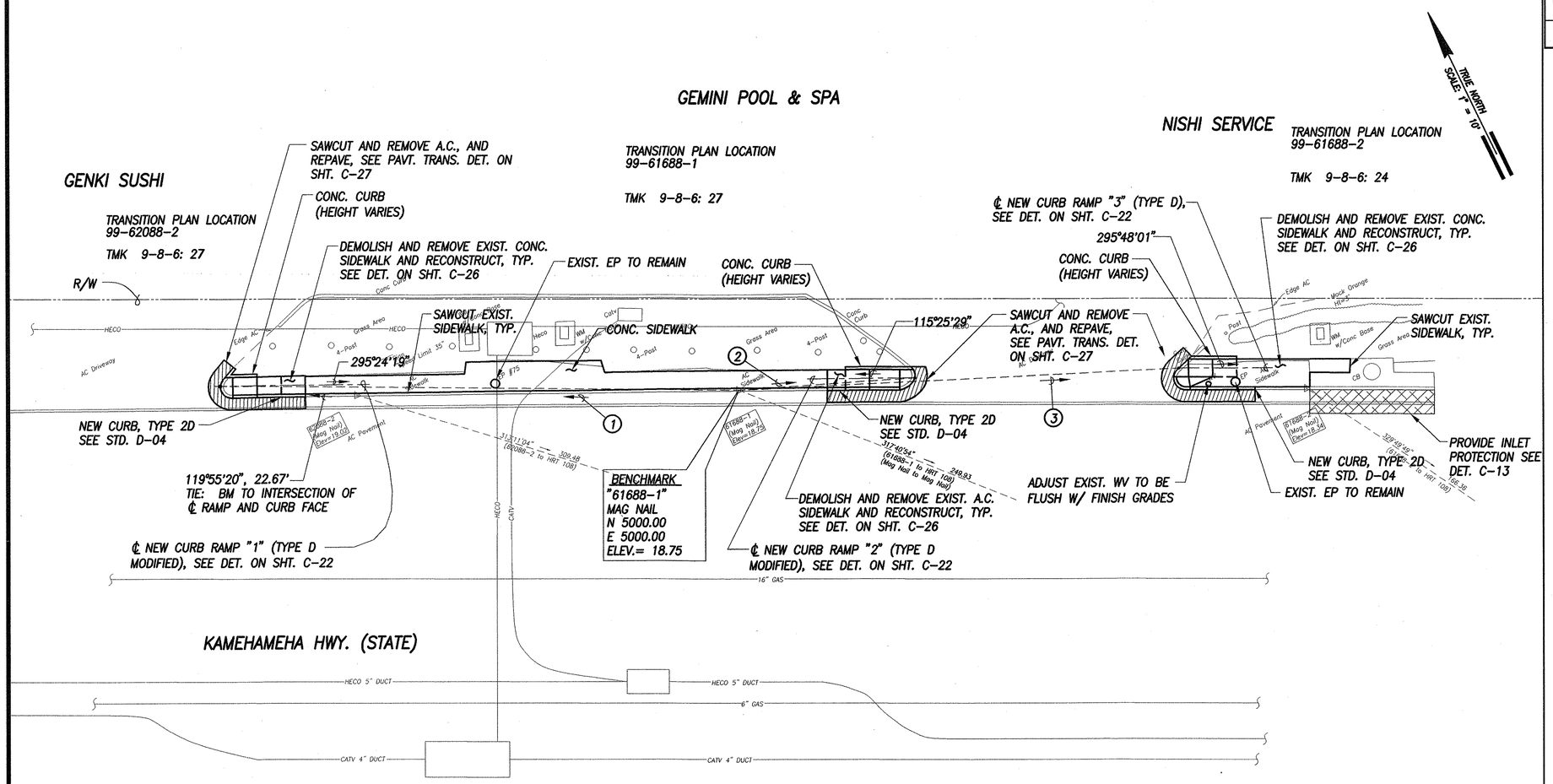
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-52 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	54	153



① 116°25'54" 86.04'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 291°54'10" 29.28'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 293°07'39" 72.84'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY., GENKI SUSHI & NISHI SERVICE

INTERS. ID NO. 99-62088 & 99-61688

SCALE: 1" = 10'

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

Joseph W. Kachan 6/24/04
Principal Executive Maintenance Unit, BWS — Date

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

GREG H. HIYAKUMOTO LICENSED PROFESSIONAL ENGINEER No. 6662-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

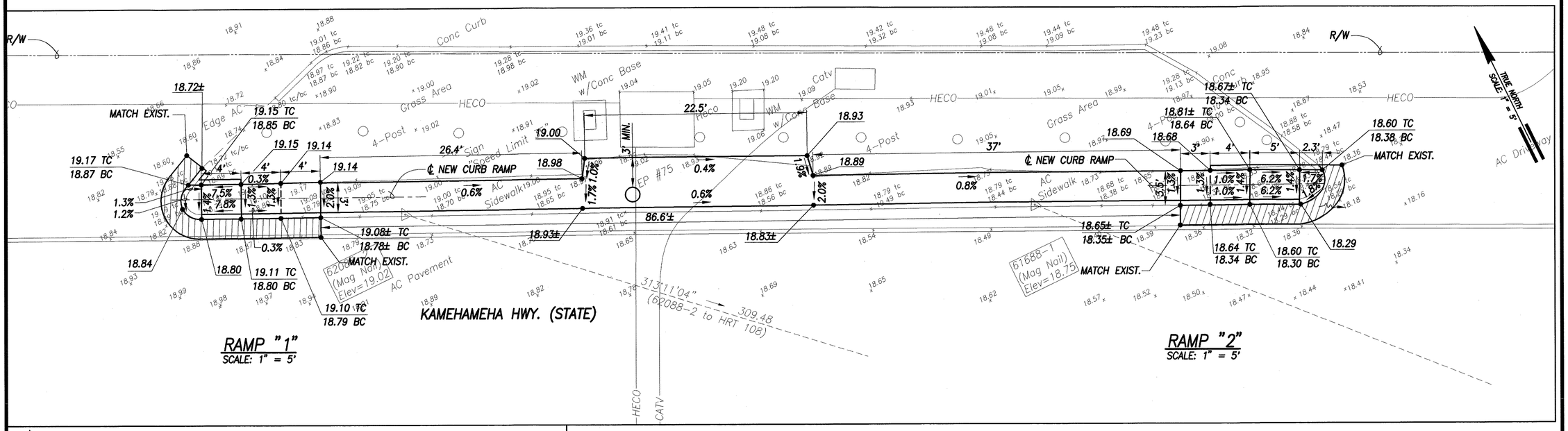
SITE PLAN – KAMEHAMEHA HWY., GENKI SUSHI & NISHI SERVICE

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: 1" = AS SHOWN Date: August 2004

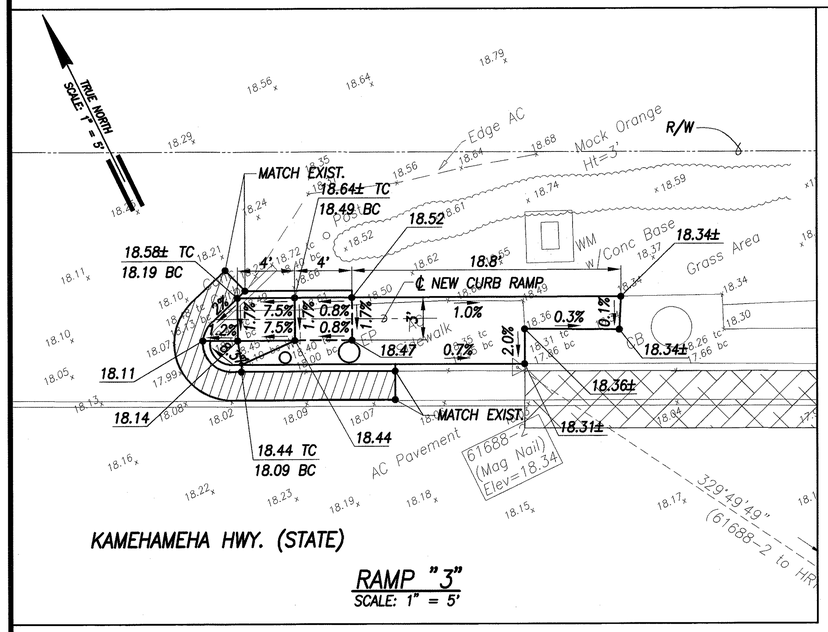
SHEET No. C-53 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	55	153



RAMP "1"
SCALE: 1" = 5'

RAMP "2"
SCALE: 1" = 5'



RAMP "3"
SCALE: 1" = 5'

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

LEGEND

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

GRAPHIC SCALE

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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., GENKI SUSHI & NISHI SERVICE

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

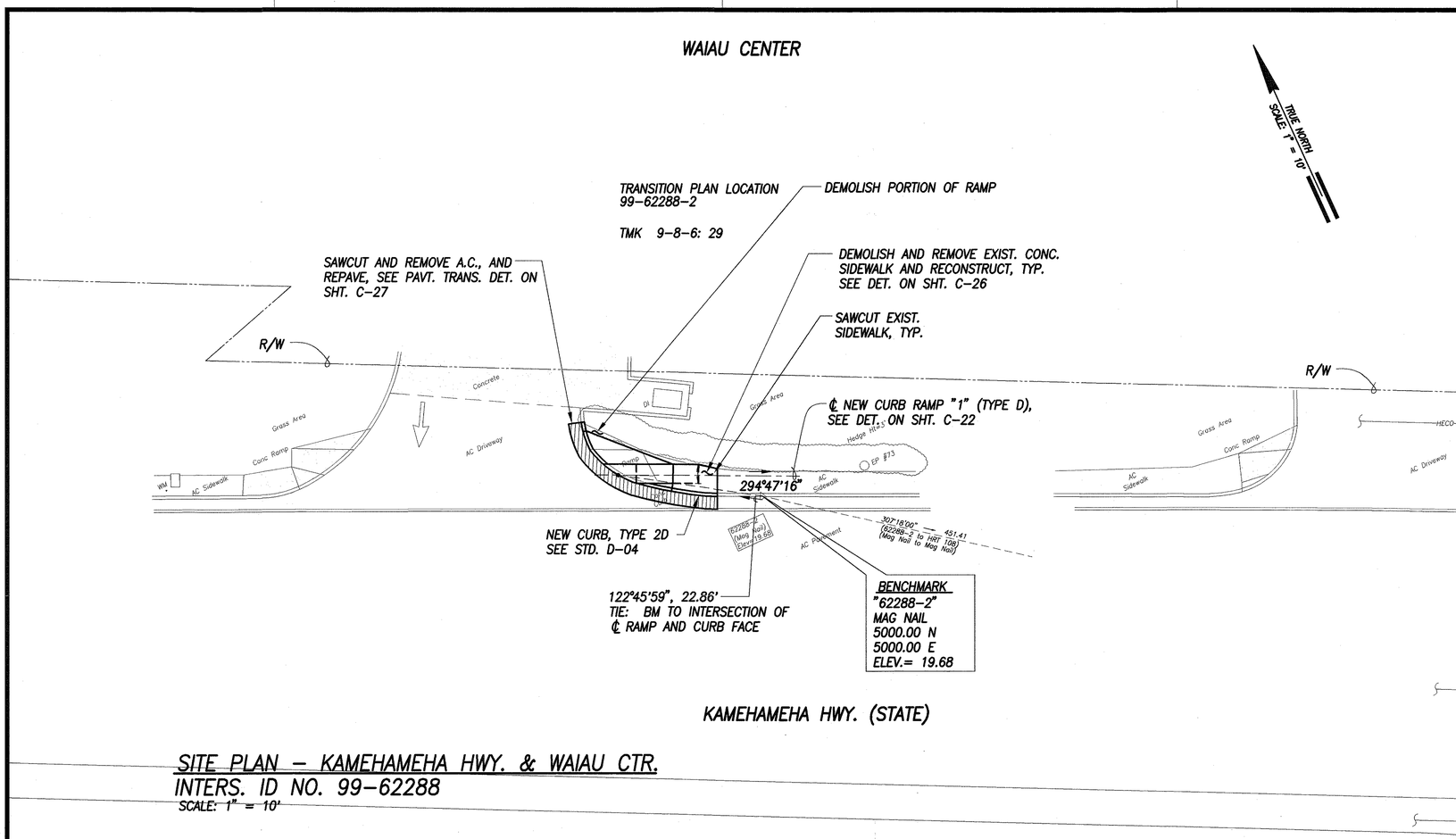
Scale: 1" = AS SHOWN Date: August 2004

SHEET No. C-54 OF 153 SHEETS

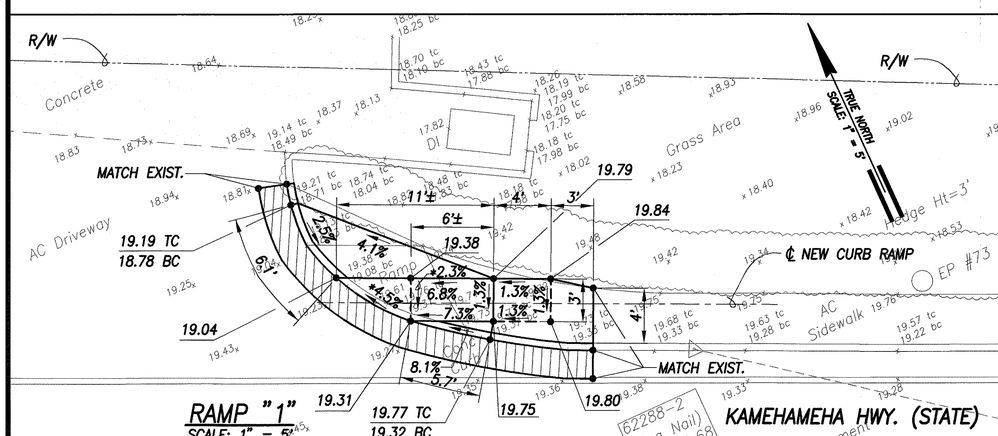
GRADING PLAN – KAMEHAMEHA HWY., GENKI SUSHI & NISHI SERVICE

INTERS. ID NO. 99-62088 & 99-61688
SCALE: 1" = 5'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	56	153



SITE PLAN – KAMEHAMEHA HWY. & WAIAU CTR.
INTERS. ID NO. 99-62288
SCALE: 1" = 10'



RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY. & WAIAU CTR.
INTERS. ID NO. 99-62288
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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
KAMEHAMEHA HWY. & WAIAU CTR.

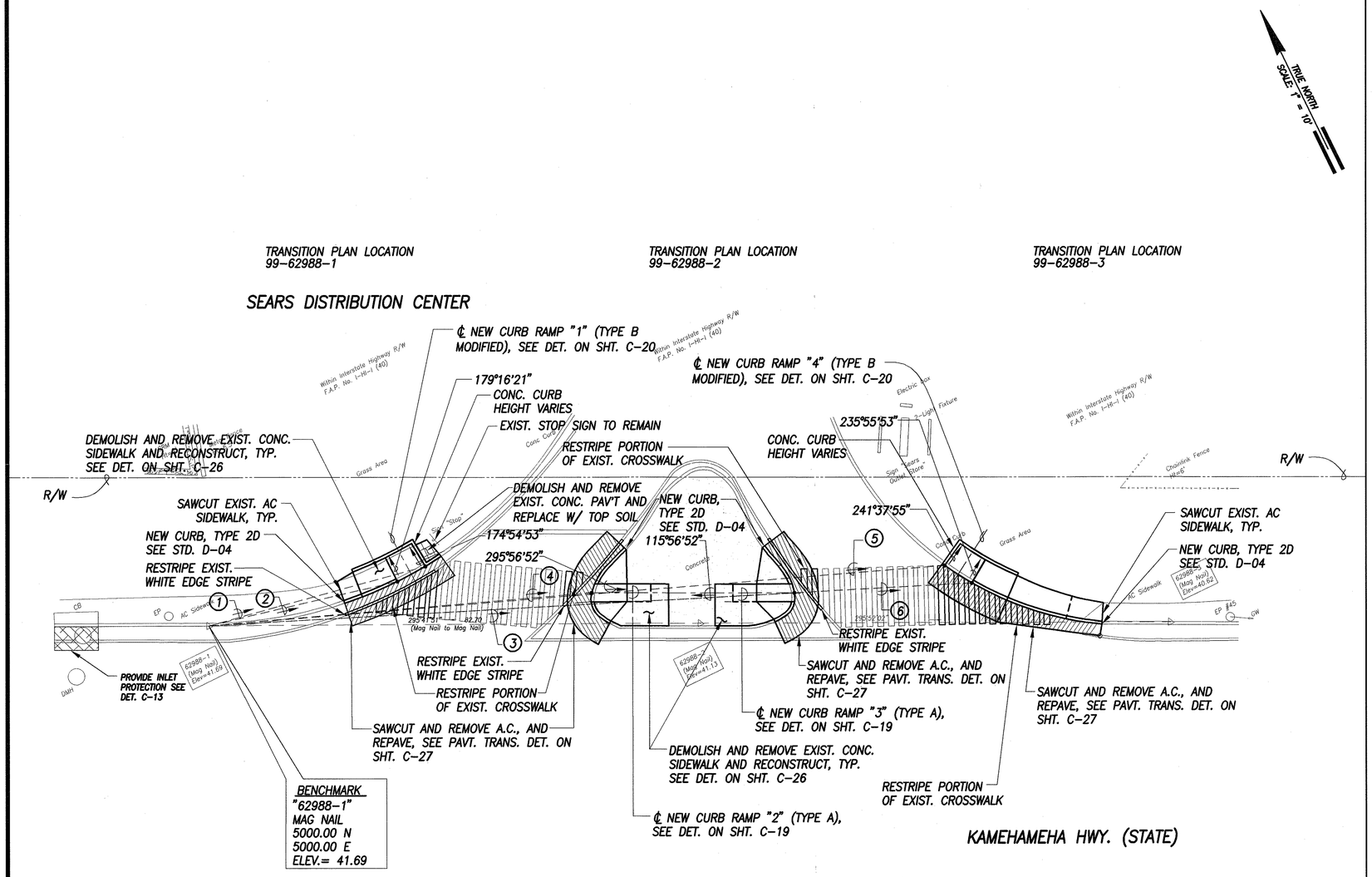
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-55 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	57	153



1. 280°38'50", 37.75'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
2. 282°48'09", 32.57'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
3. 292°46'31", 98.69'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
4. 291°06'03", 64.64'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
5. 291°17'47", 124.22'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
6. 292°46'25", 128.59'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY. & SEARS
INTERS. ID NO. 99-62988
SCALE: 1" = 10'

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

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

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

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SIGNATURE April 30, 2006 DATE

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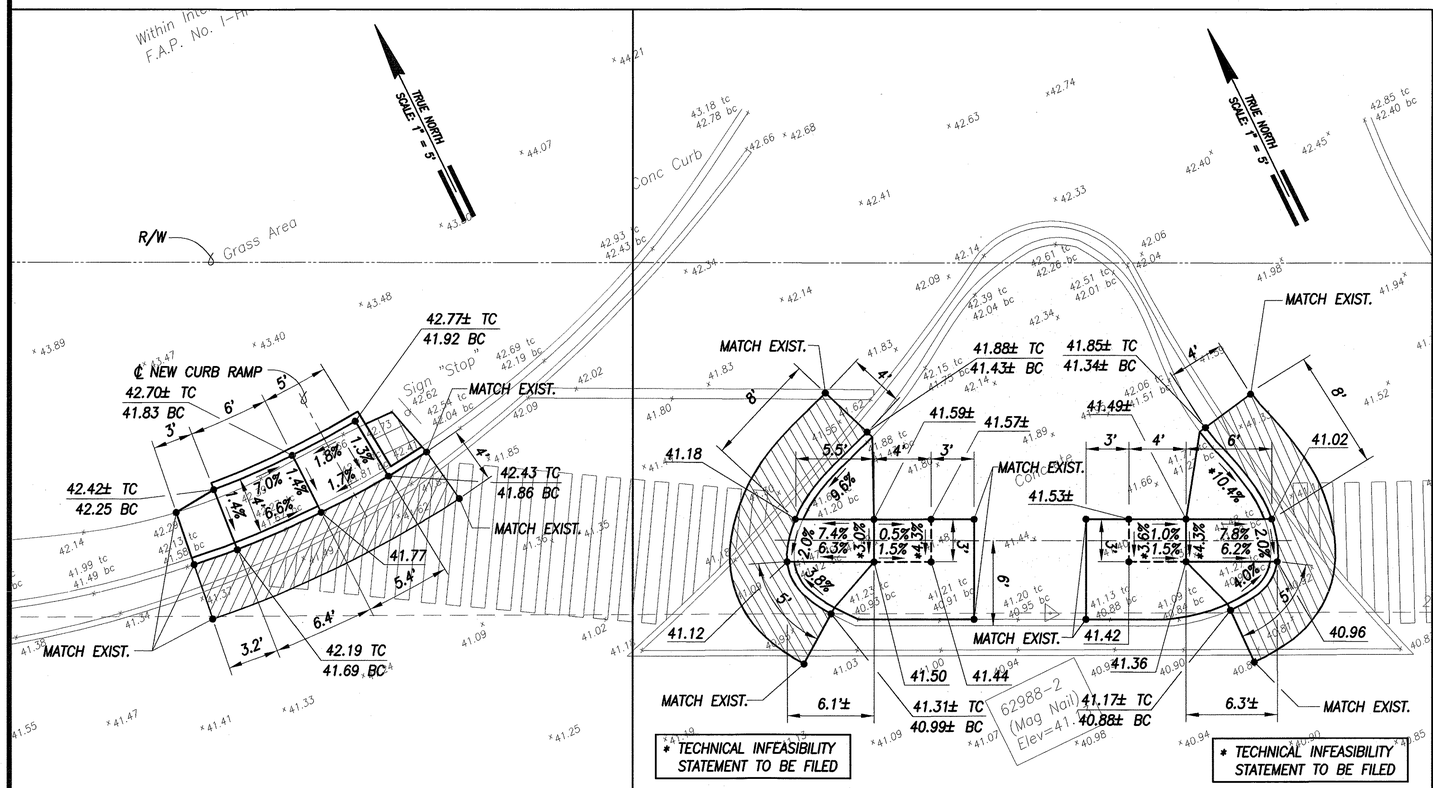
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

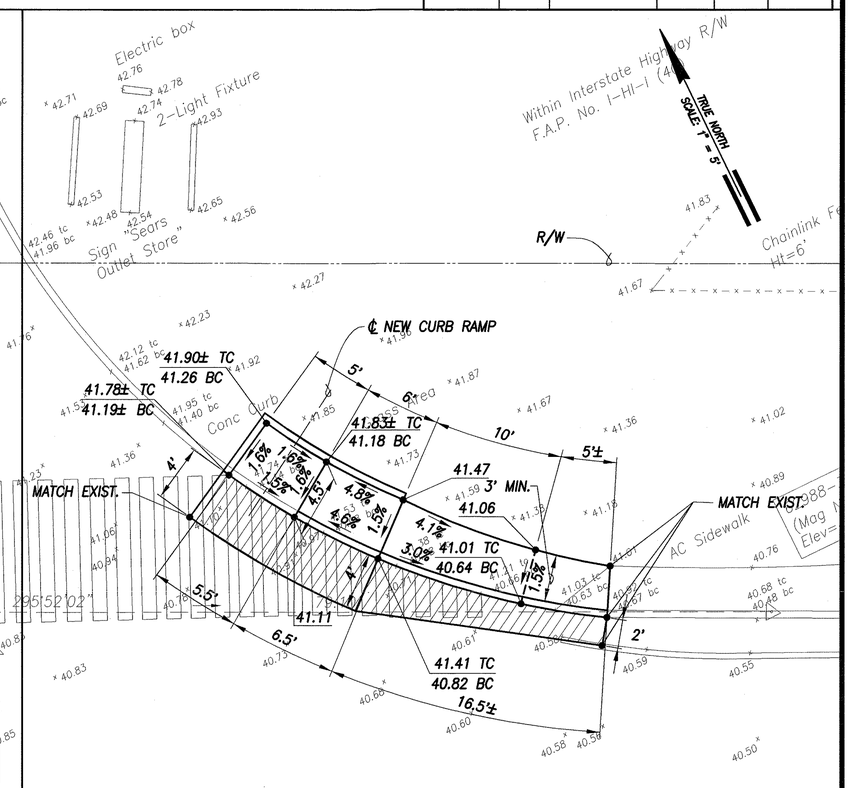
SITE PLAN
KAMEHAMEHA HWY. & SEARS
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-56 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	58	153





LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – KAMEHAMEHA HWY. & SEARS
INTERS. ID NO. 99-62988
SCALE: 1" = 5'

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAMEHAMEHA HWY. & SEARS

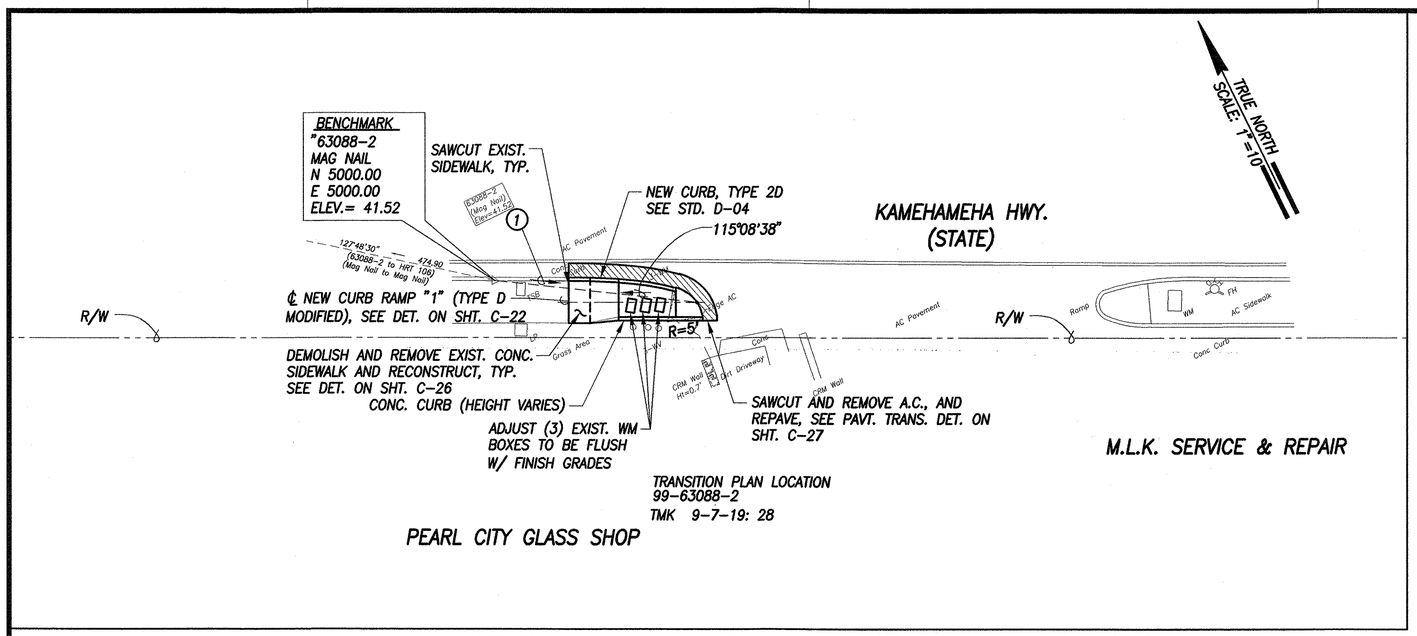
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-57 OF 153 SHEETS

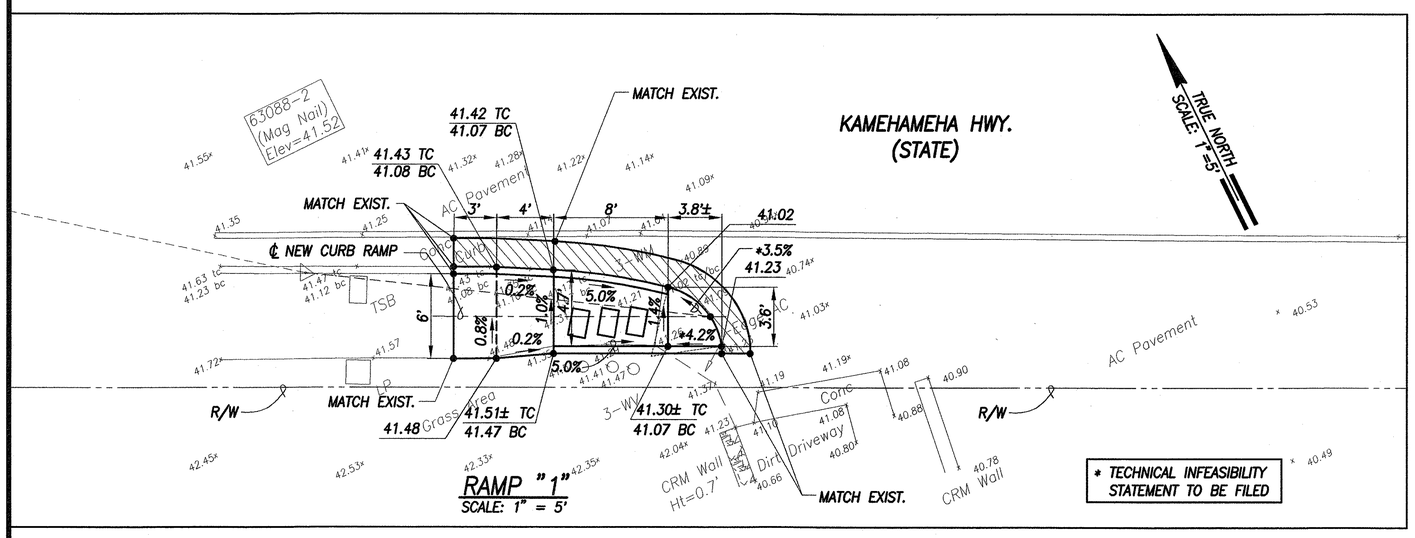
ORIGINAL PLAN | SURVEY PLOTTED BY | DRAWN BY | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | DATE
NOTE BOOK No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	59	153



(1) 302°08'36" 28.49'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY. & PEARL CITY GLASS SHOP
INTERS. ID NO. 99-63088
SCALE: 1" = 10'



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

GRADING PLAN – KAMEHAMEHA HWY. & PEARL CITY GLASS SHOP
INTERS. ID NO. 99-63088
SCALE: 1" = 5'

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

Joseph W Kachan 6/24/04
Principal Executive Maintenance Unit, BWS — Date

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

GREG H. HIYAKUMOTO LICENSED PROFESSIONAL ENGINEER No. 6662-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

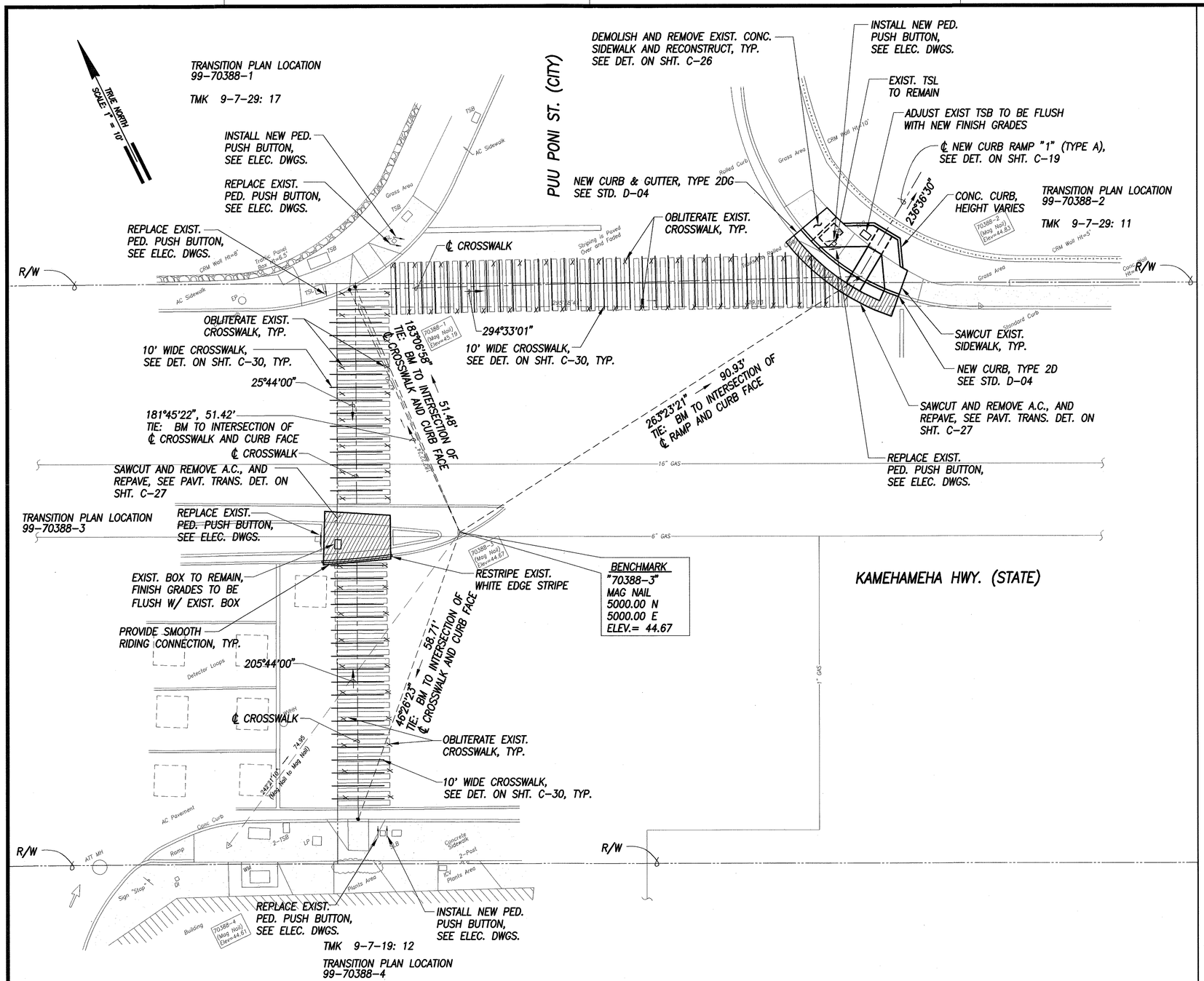
SITE & GRADING PLAN
KAMEHAMEHA HWY. & PEARL CITY GLASS SHOP

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-58 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	60	153



SITE PLAN – KAMEHAMEHA HWY. & PUU PONI ST.

INTERS. ID NO. 99-70388

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	

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

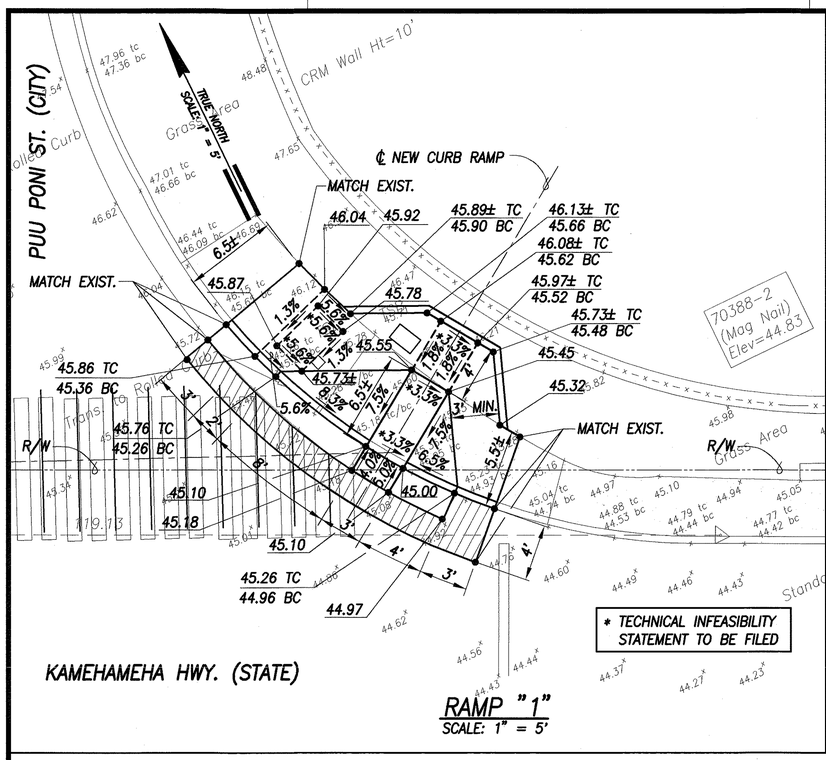
KAMEHAMEHA HWY. & PUU PONI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

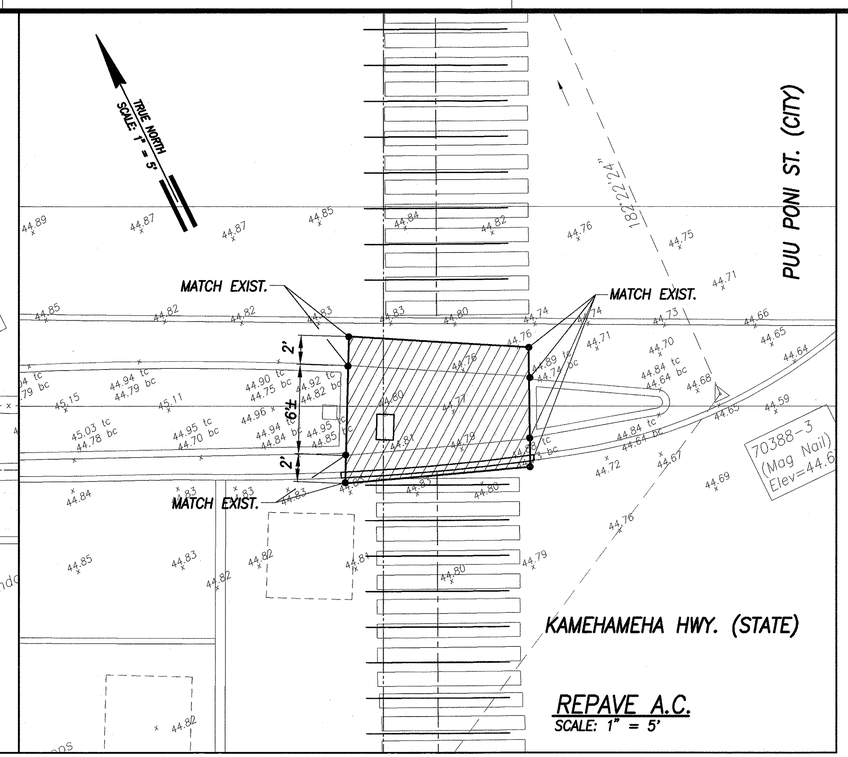
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-59 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	61	153



RAMP "1"
SCALE: 1" = 5'



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

LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY. & PUU PONI ST.

INTERS. ID NO. 99-70388

SCALE: 1" = 5'

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'

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

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SIGNATURE 221100 DATE April 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

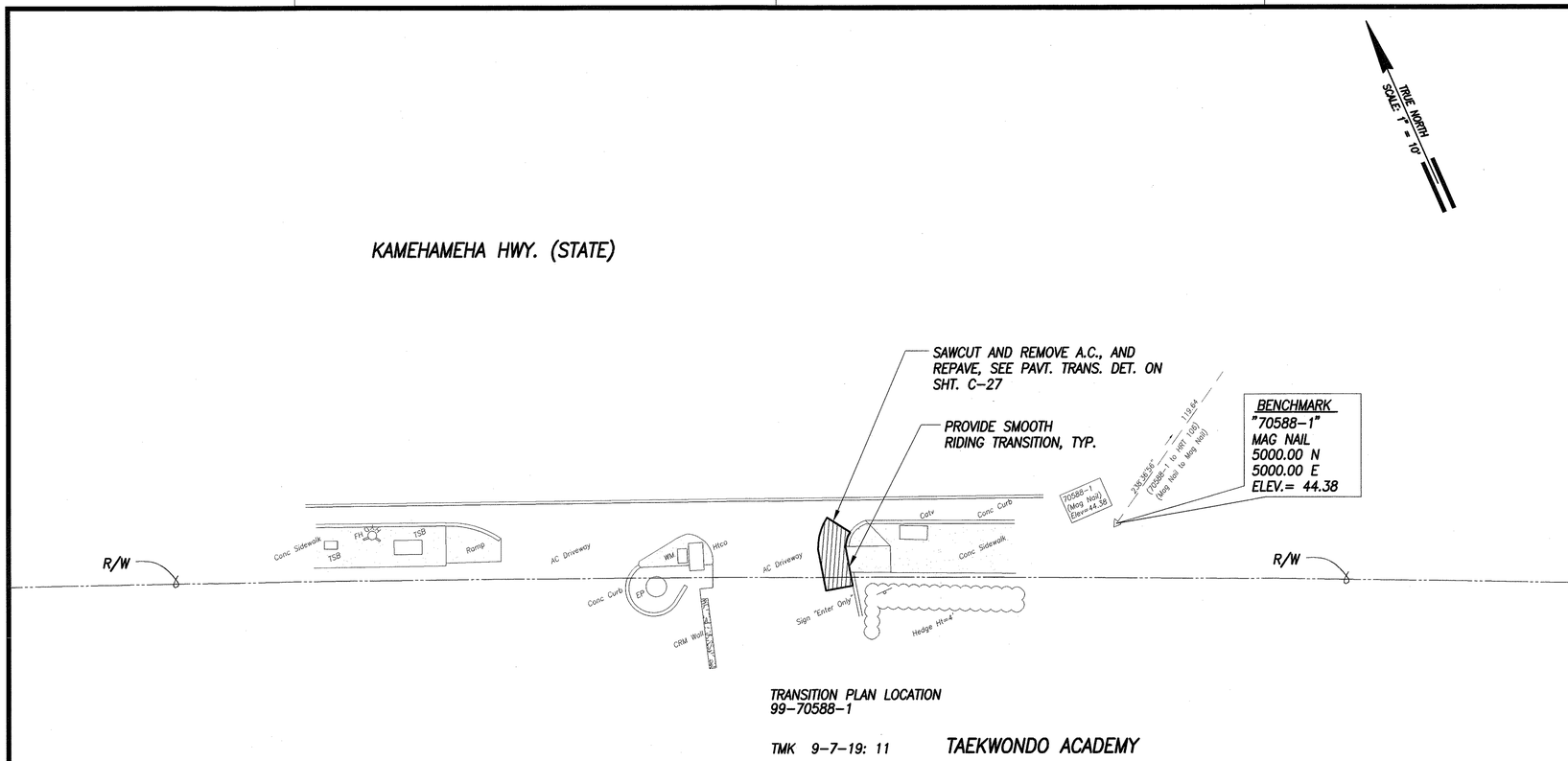
GRADING PLAN
KAMEHAMEHA HWY. & PUU PONI ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-60 OF 153 SHEETS

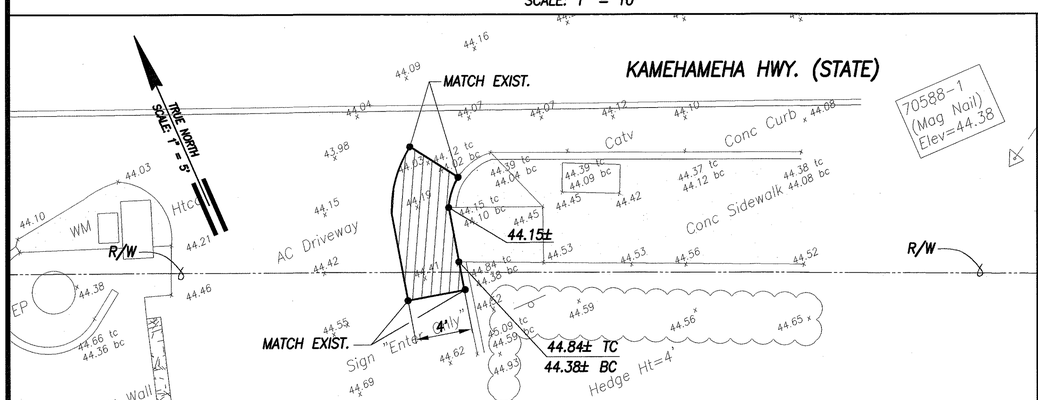
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	62	153



TRANSITION PLAN LOCATION
99-70588-1

TMK 9-7-19: 11 TAEKWONDO ACADEMY

SITE PLAN – KAMEHAMEHA HWY. & HAWAII TAEKWONDO ACADEMY
INTERS. ID NO. 99-70588
SCALE: 1" = 10'



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

GRADING PLAN – KAMEHAMEHA HWY. & HAWAII TAEKWONDO ACADEMY
INTERS. ID NO. 99-70588
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

GREG H. HIYAKUMOTO
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & HAWAII TAEKWONDO ACADEMY

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

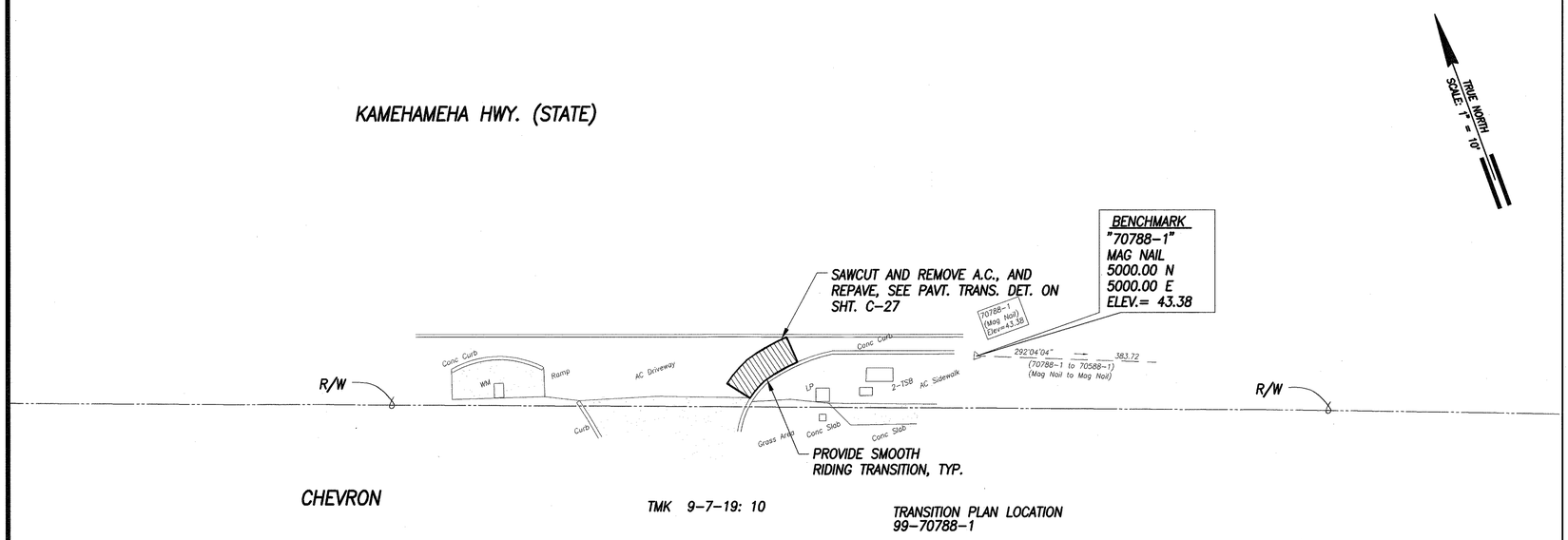
Scale: AS SHOWN Date: August 2004

SHEET No. C-61 OF 153 SHEETS

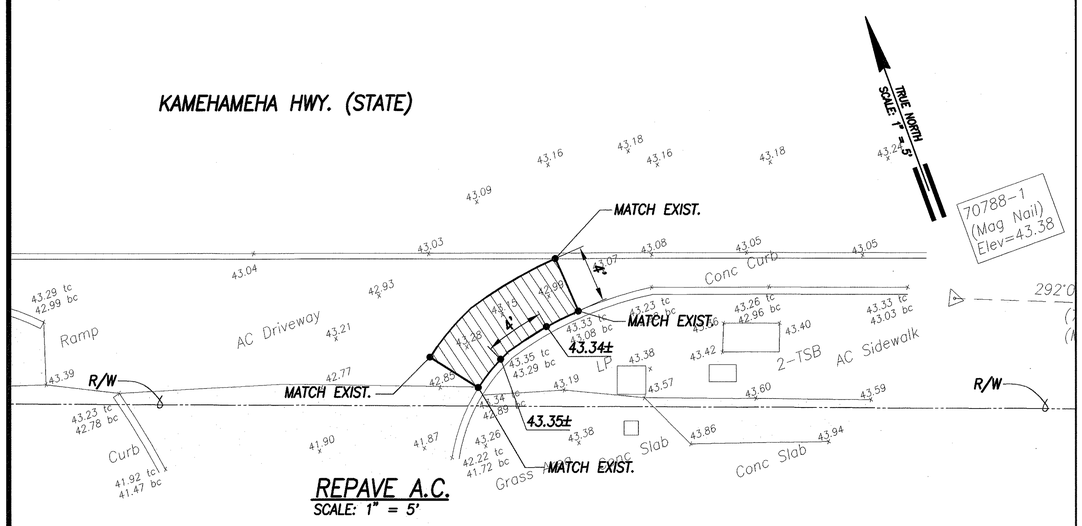
ORIGINAL PLAN	SURVEY PLOTTED BY
	DRAWN BY
	TRACED BY
NOTE BOOK	DESIGNED BY
	QUANTITIES BY
No.	CHECKED BY

DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	63	153



SITE PLAN – KAMEHAMEHA HWY. & IGLESIA NI KRISTO CHURCH
INTERS. ID NO. 99-70788
SCALE: 1" = 10'



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

GRADING PLAN – KAMEHAMEHA HWY. & IGLESIA NI KRISTO CHURCH
INTERS. ID NO. 99-70788
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN – KAMEHAMEHA HWY. & IGLESIA NI KRISTO CHURCH

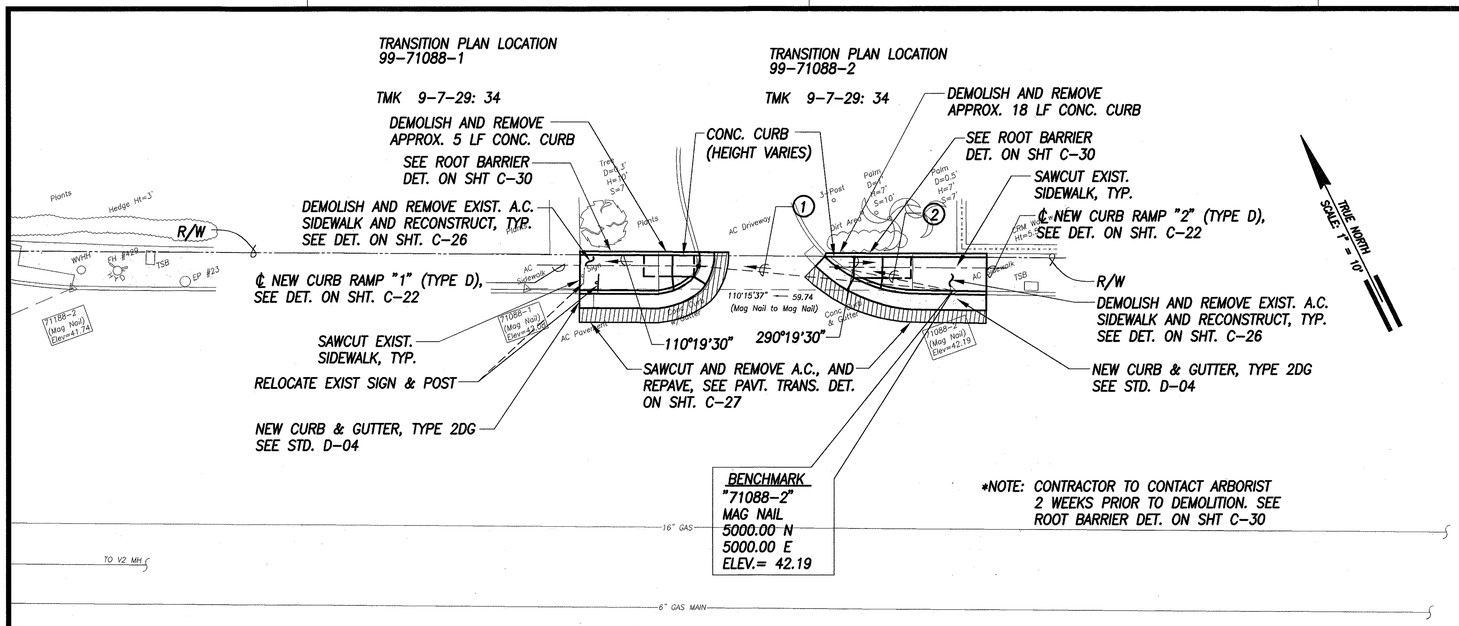
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-62 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	64	153



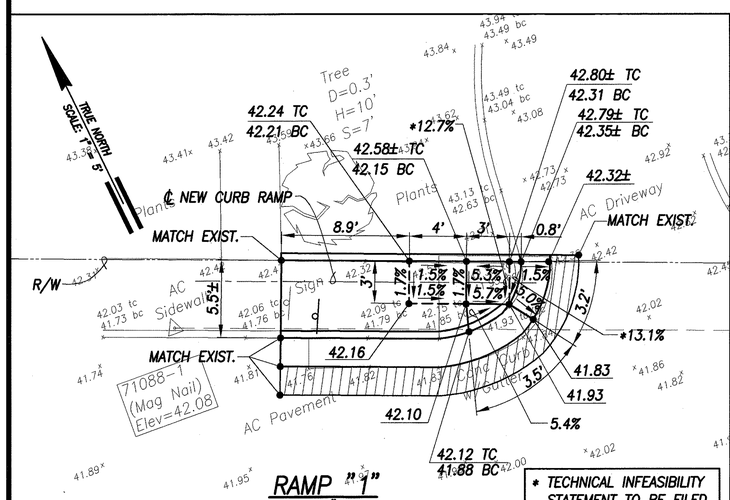
SITE PLAN – KAMEHAMEHA HWY. & ZIPPY'S
INTERS. ID NO. 99-71088
SCALE: 1" = 10'

① 115°28'51" 35.78'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 121°30'57" 16.57'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

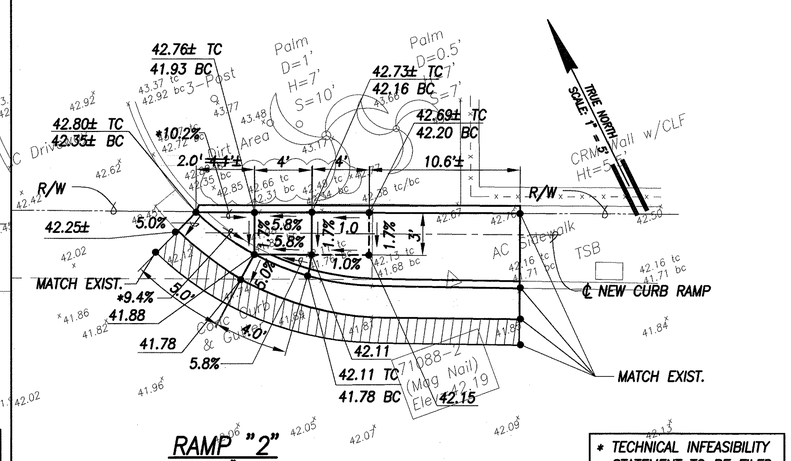
LEGEND

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



RAMP "1"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRADING PLAN – KAMEHAMEHA HWY. & ZIPPY'S
INTERS. ID NO. 99-71088

GRADING PLAN – KAMEHAMEHA HWY. & ZIPPY'S
INTERS. ID NO. 99-71088

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	
No.	QUANTITIES BY	
	CHECKED BY	

GREG H. HIYAKUMOTO
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

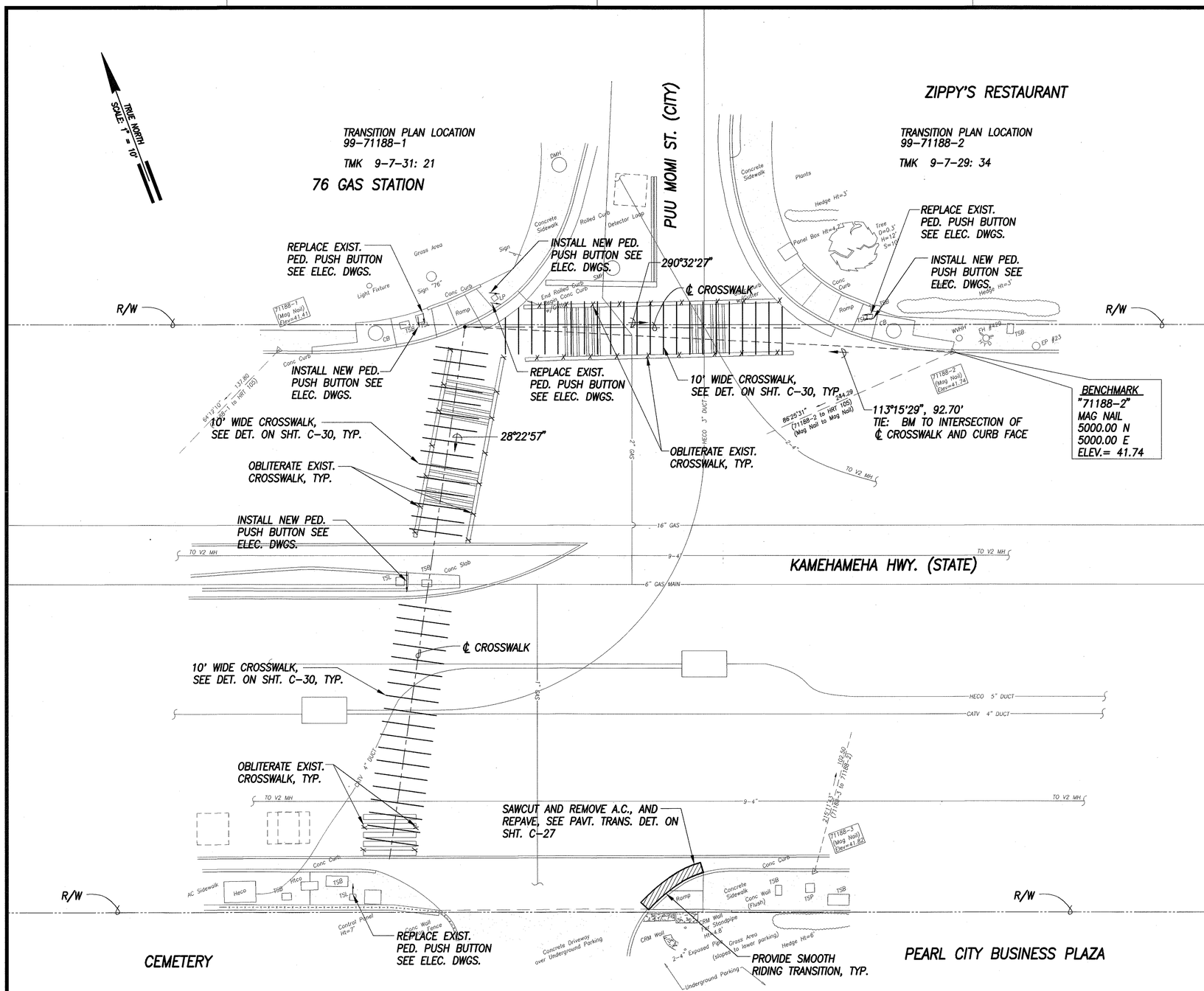
SITE & GRADING PLAN
KAMEHAMEHA HWY. & ZIPPY'S

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

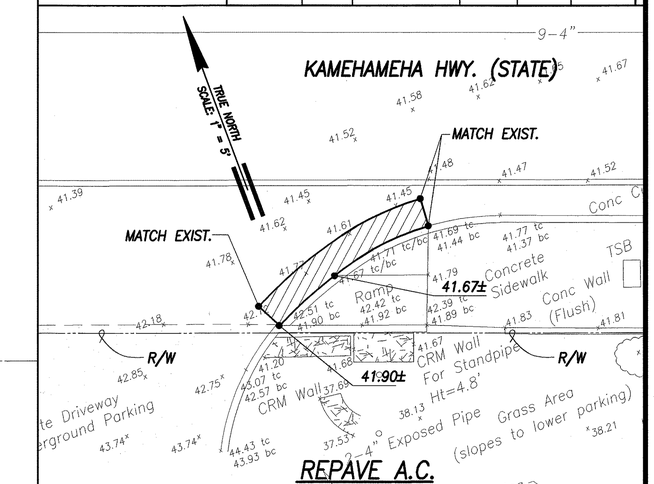
Scale: AS SHOWN Date: August 2004

SHEET No. C-63 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	65	153



SITE PLAN – KAMEHAMEHA HWY. & PUU MOMI ST.
INTERS. ID NO. 99-71188
SCALE: 1" = 10'



GRADING PLAN – KAMEHAMEHA HWY. & PUU MOMI ST.
INTERS. ID NO. 99-71188
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & PUU MOMI ST.

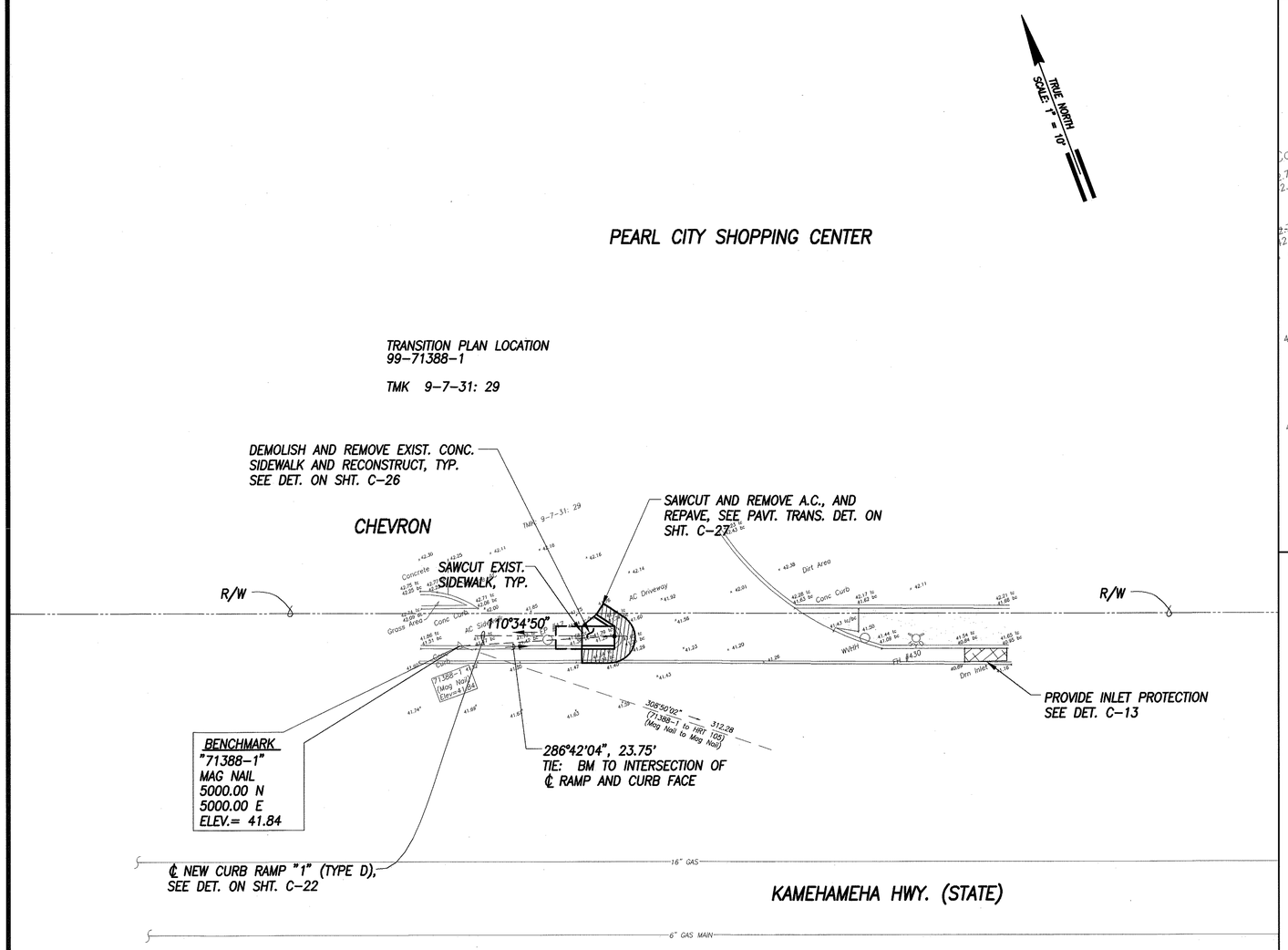
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

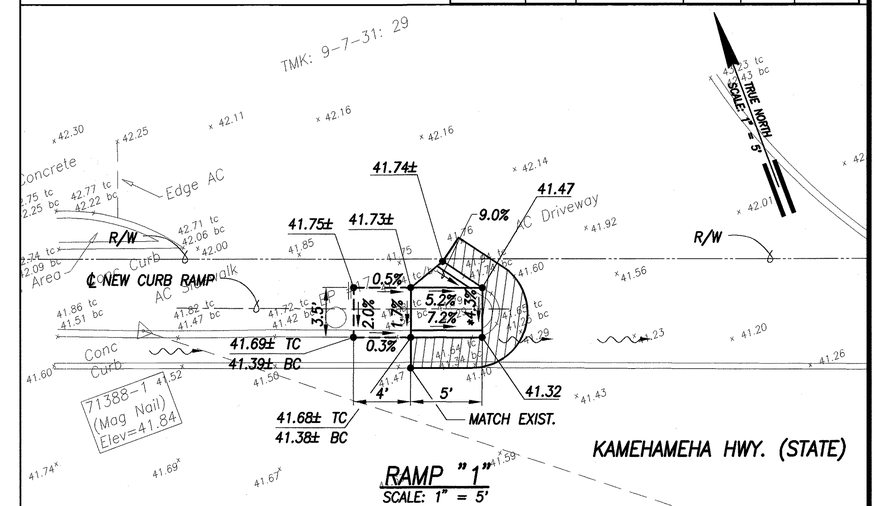
SHEET No. C-64 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	66	153



SITE PLAN – KAMEHAMEHA HWY. & LONG'S DRUG STORE
INTERS. ID NO. 99-71388
SCALE: 1" = 10'



RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY. & LONG'S DRUG STORE
INTERS. ID NO. 99-71388
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

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

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

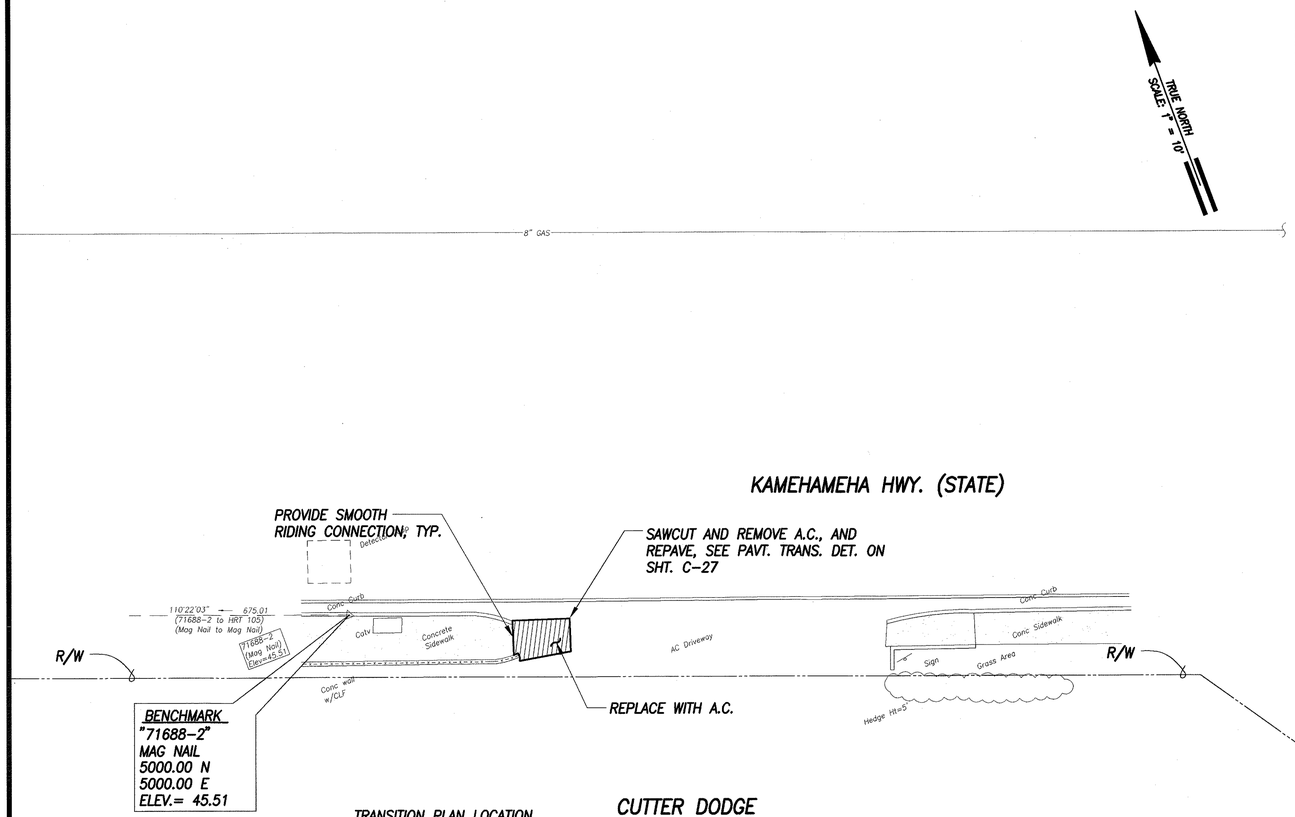
SITE & GRADING PLAN
KAMEHAMEHA HWY. & LONG'S DRUG STORE

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

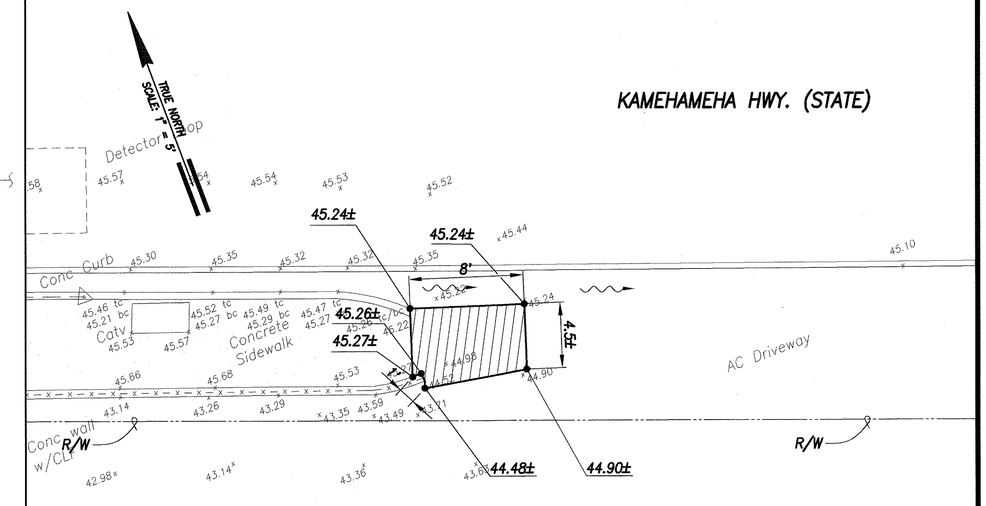
Scale: AS SHOWN Date: August 2004

SHEET No. C-65 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	67	153



SITE PLAN – KAMEHAMEHA HWY. & CUTTER DODGE ENTRANCE
INTERS. ID NO. 99-71688
SCALE: 1" = 10'



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

GRADING PLAN – KAMEHAMEHA HWY. & CUTTER DODGE ENTRANCE
INTERS. ID NO. 99-71688
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & CUTTER DODGE ENTRANCE

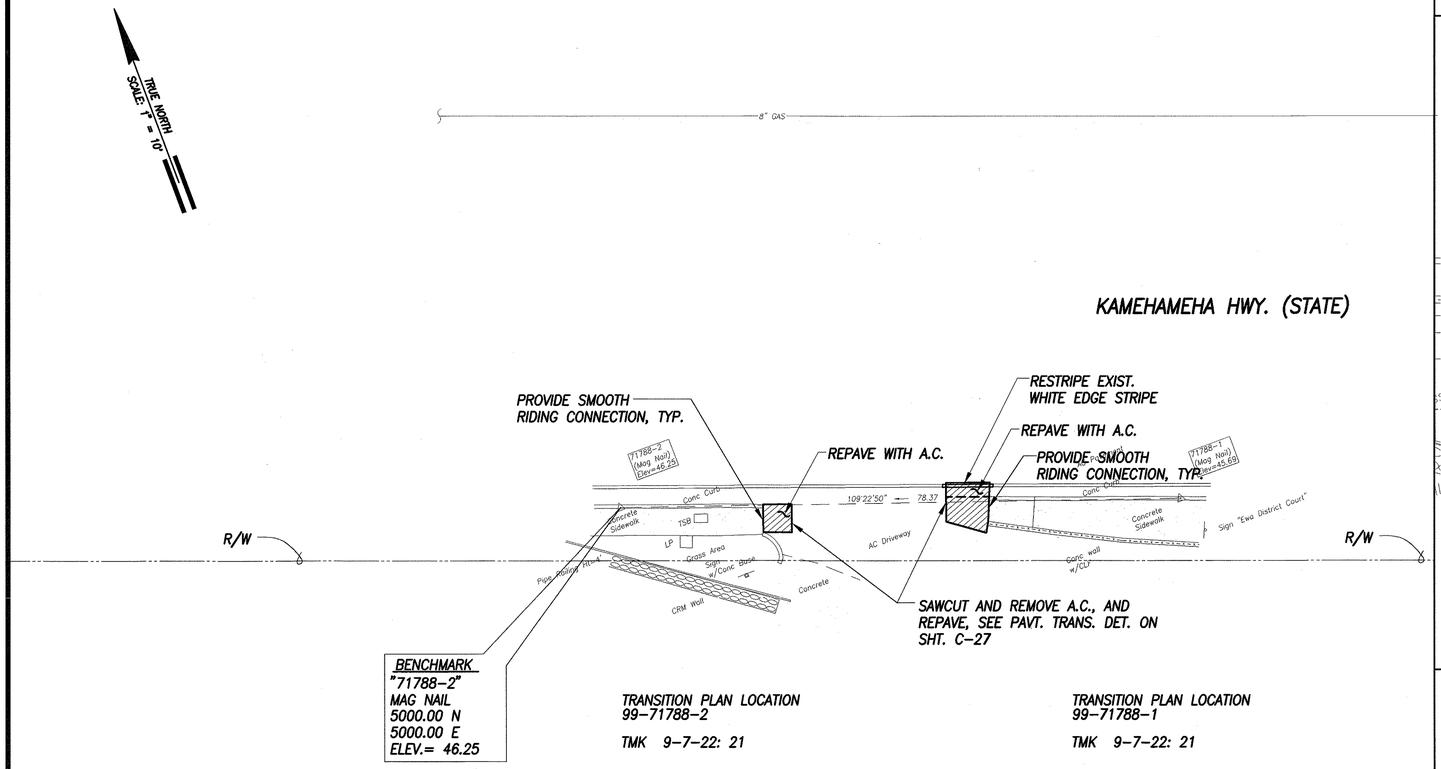
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

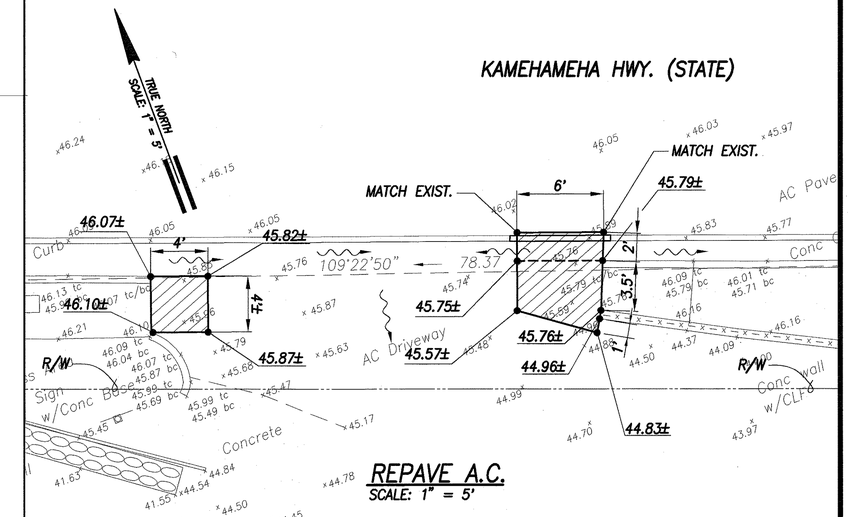
SHEET No. C-66 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	68	153



SITE PLAN – KAMEHAMEHA HWY. & CUTTER DODGE USED CARS
INTERS. ID NO. 99-71788
SCALE: 1" = 10'



GRADING PLAN – KAMEHAMEHA HWY. & CUTTER DODGE USED CARS
INTERS. ID NO. 99-71788
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & CUTTER DODGE USED CARS

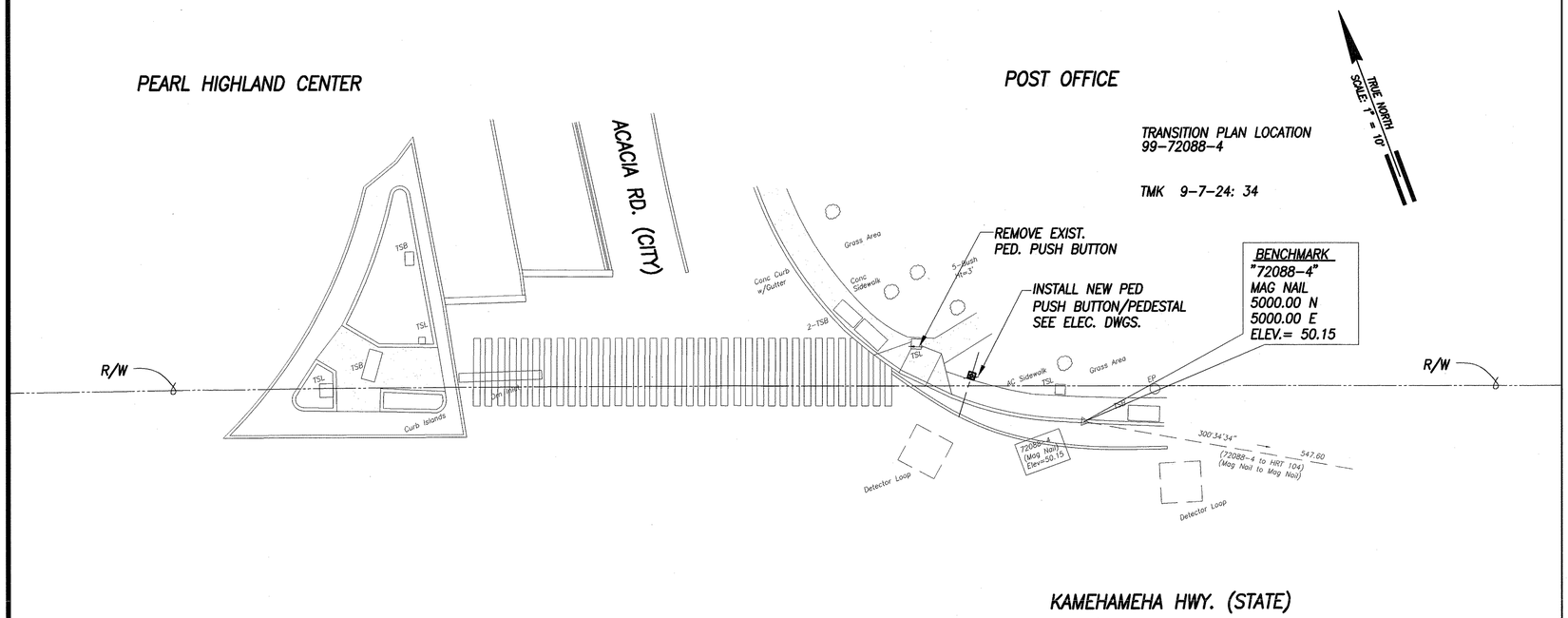
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-67 OF 153 SHEETS

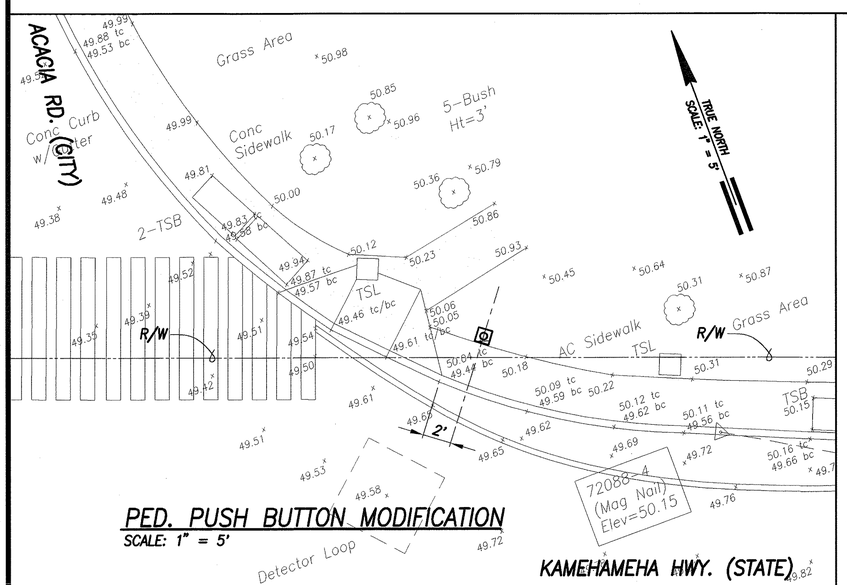
ORIGINAL PLAN
NOTE BOOK No.
SURVEY PLOTTED BY
DRAWN BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	69	153



SITE PLAN – KAMEHAMEHA HWY. & ACACIA RD.
INTERS. ID NO. 99-72088
SCALE: 1" = 10'

8" GAS



PED. PUSH BUTTON MODIFICATION
SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY. & ACACIA RD.
INTERS. ID NO. 99-72088
SCALE: 1" = 5'

LEGEND

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

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

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN – KAMEHAMEHA HWY. & ACACIA RD.

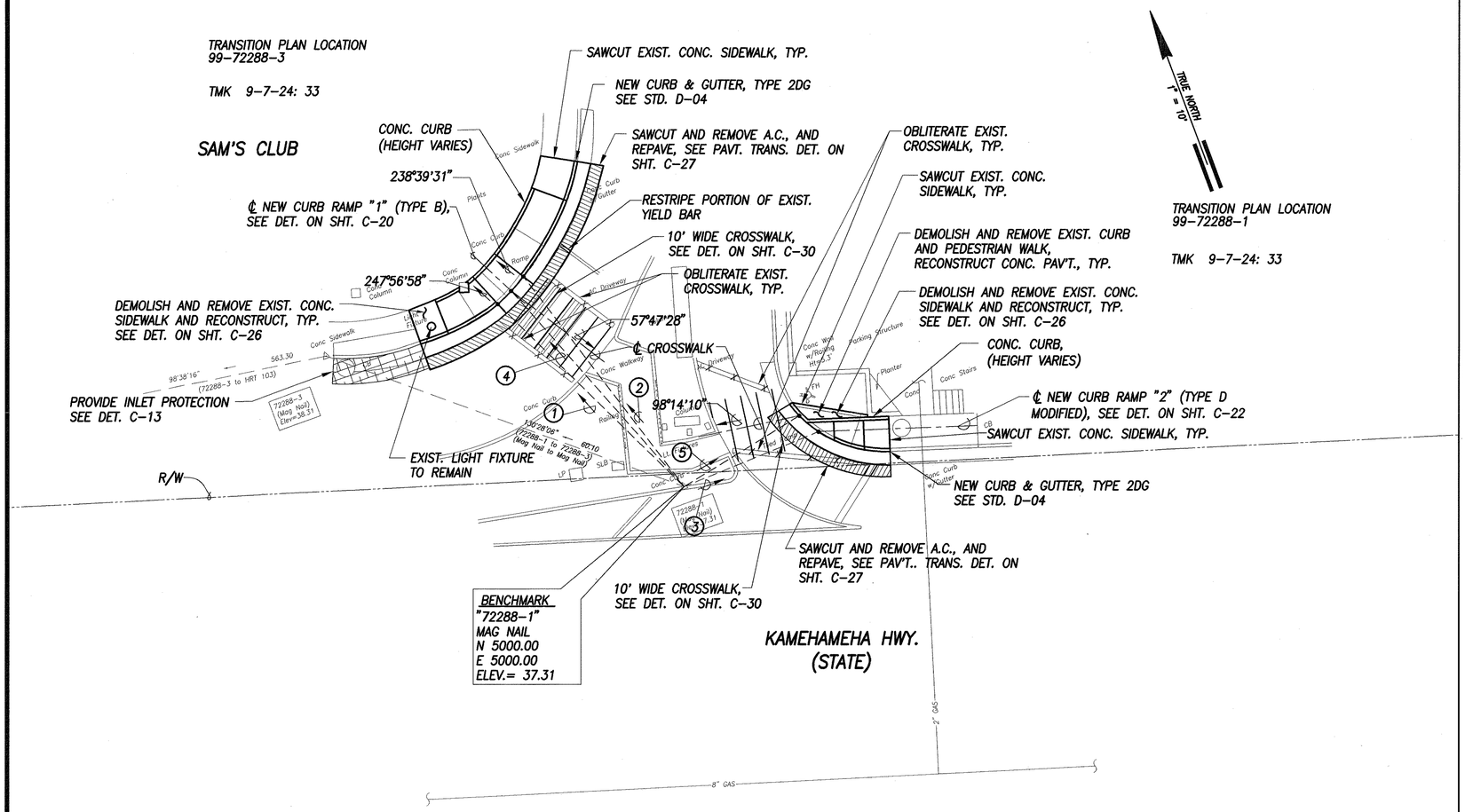
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-68 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	70	153



① 244°51'53" 41.24'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 253°01'33" 41.87'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 357°48'55" 22.91'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

④ 248°59'47" 41.37'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑤ 258°24'25" 21.37'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY. & PEARL HIGHLANDS CTR.
INTERS. ID NO. 99-72288
SCALE: 1" = 10'

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

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

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

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

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

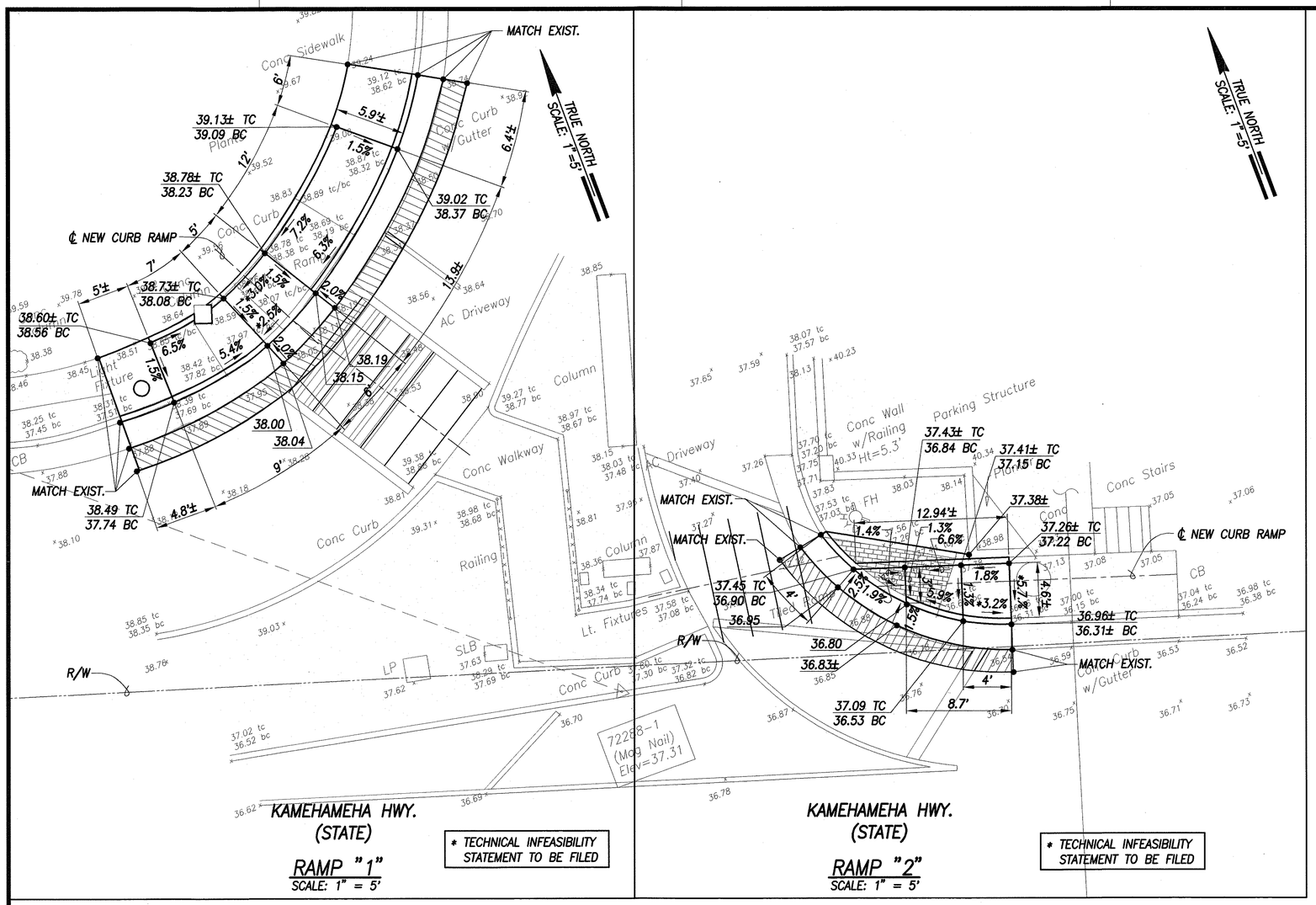
SITE PLAN – KAMEHAMEHA HWY. & PEARL HIGHLANDS CTR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-69 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	71	153



LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY. & PEARL HIGHLANDS CTR.

INTERS. ID NO. 99-72288

SCALE: 1" = 5'

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

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

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SIGNATURE 4/16/04 April 30, 2006 DATE

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GRAPHIC SCALE

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

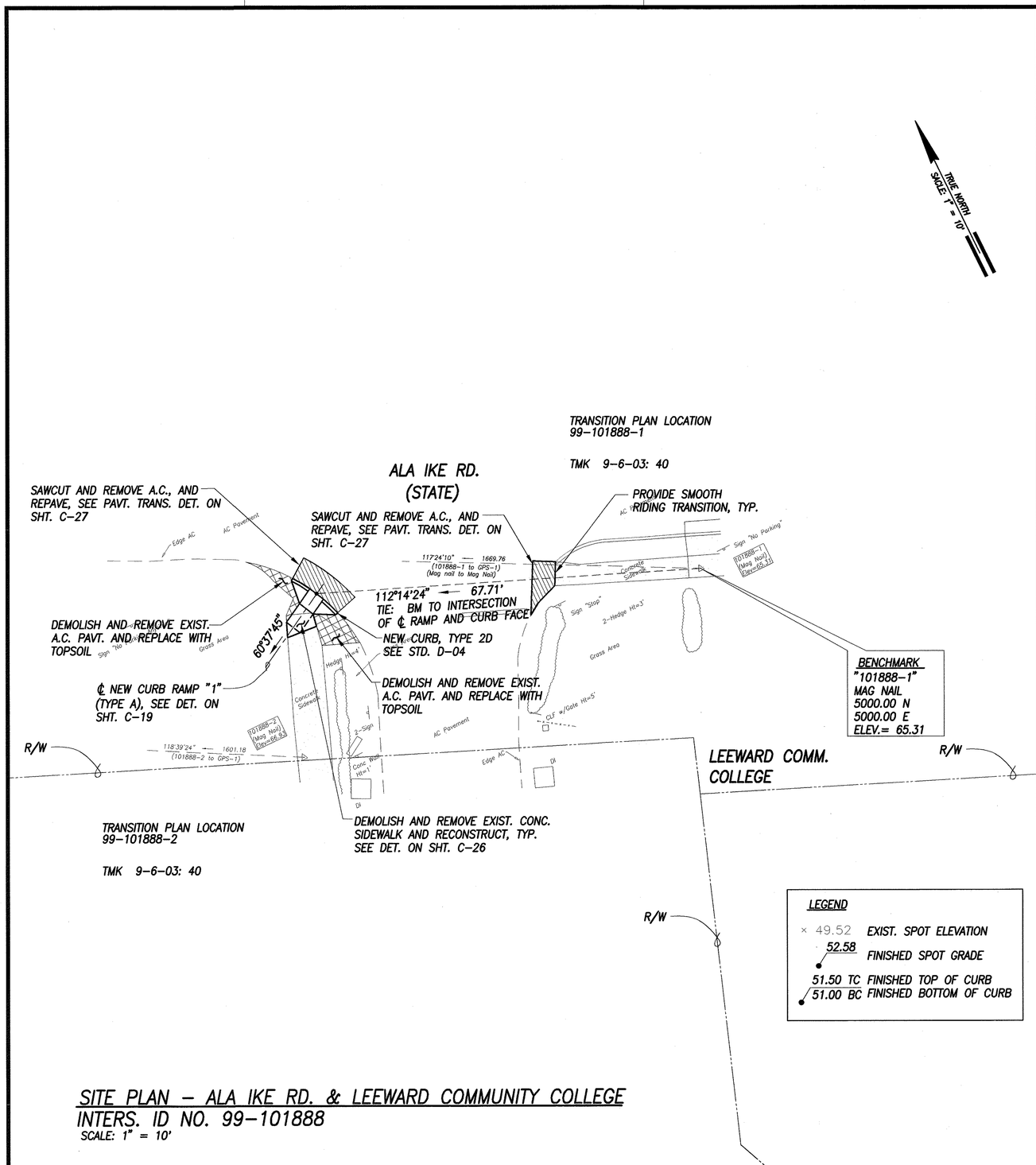
GRADING PLAN – KAMEHAMEHA HWY. & PEARL HIGHLANDS CTR.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

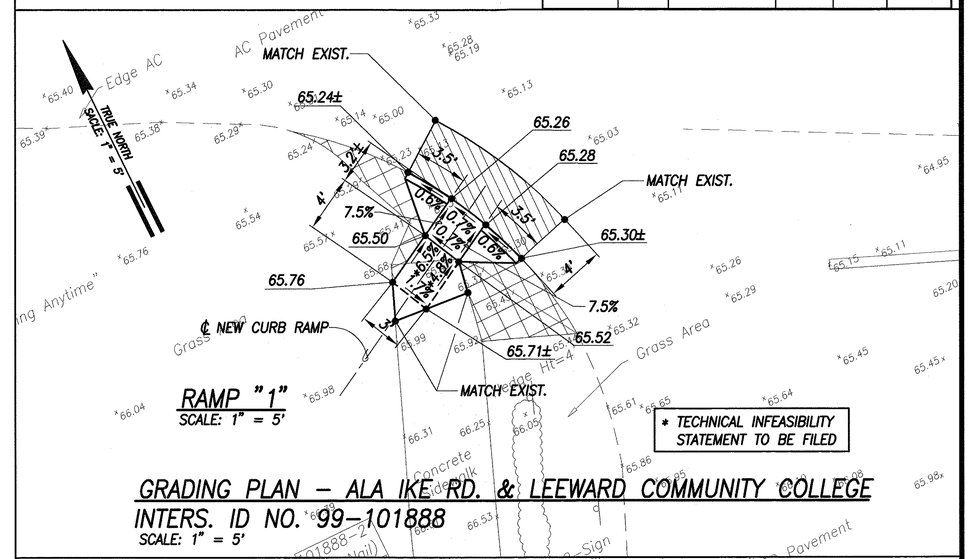
Scale: 1" = 5'-0" Date: August 2004

SHEET No. C-70 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	72	153

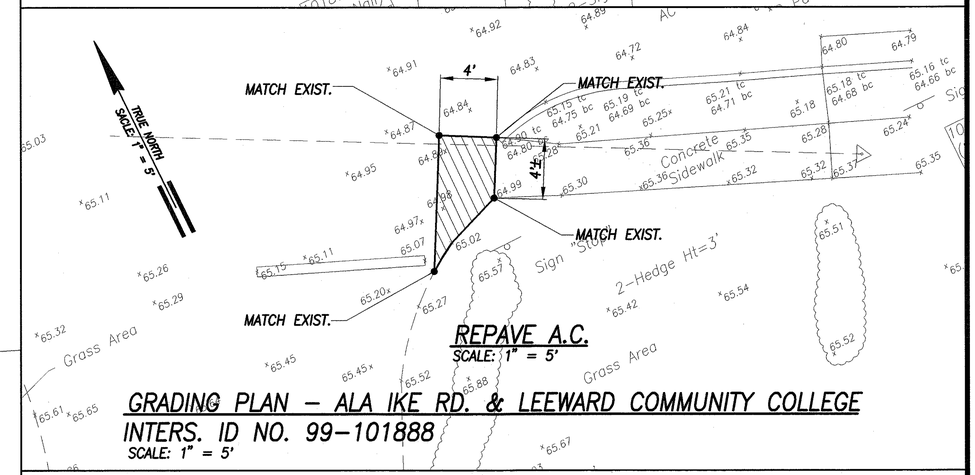


SITE PLAN – ALA IKE RD. & LEEWARD COMMUNITY COLLEGE
INTERS. ID NO. 99-101888
SCALE: 1" = 10'



RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – ALA IKE RD. & LEEWARD COMMUNITY COLLEGE
INTERS. ID NO. 99-101888
SCALE: 1" = 5'



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

GRADING PLAN – ALA IKE RD. & LEEWARD COMMUNITY COLLEGE
INTERS. ID NO. 99-101888
SCALE: 1" = 5'

GRAPHIC SCALES

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

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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 – ALA IKE RD. & LEEWARD COMMUNITY COLLEGE

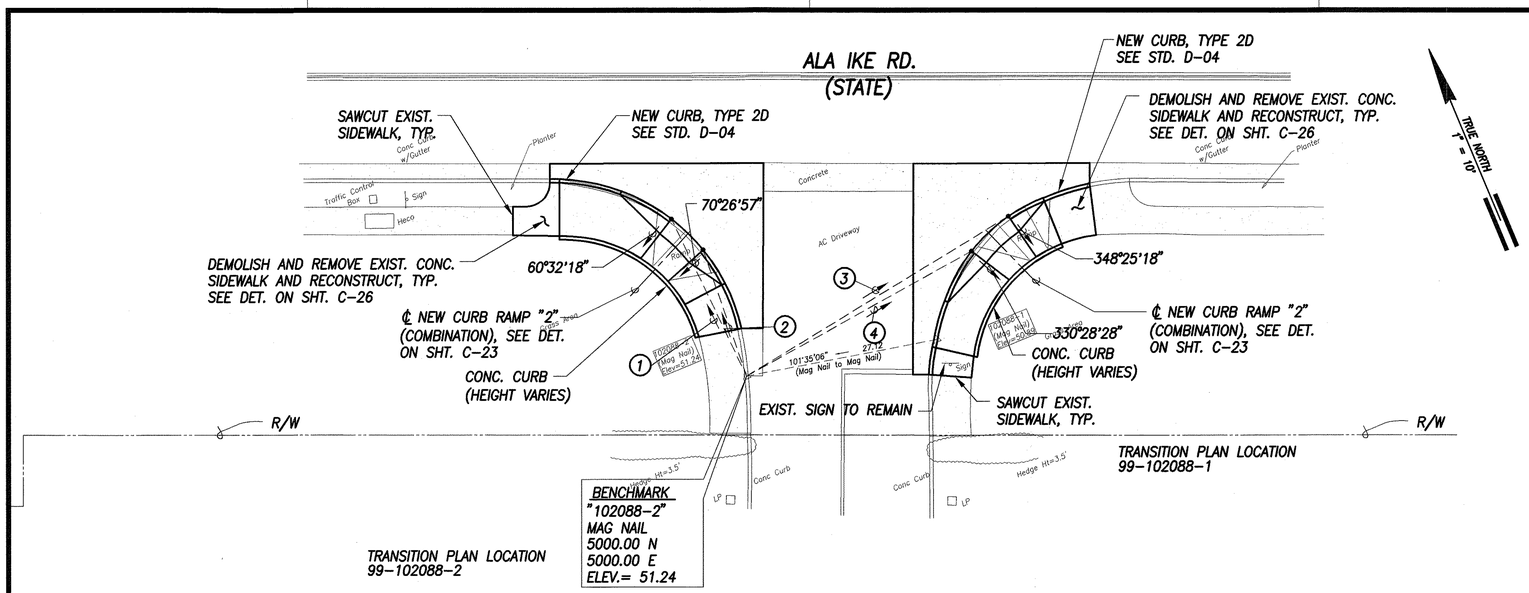
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-71 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	73	153



TMK 9-6-03: 40

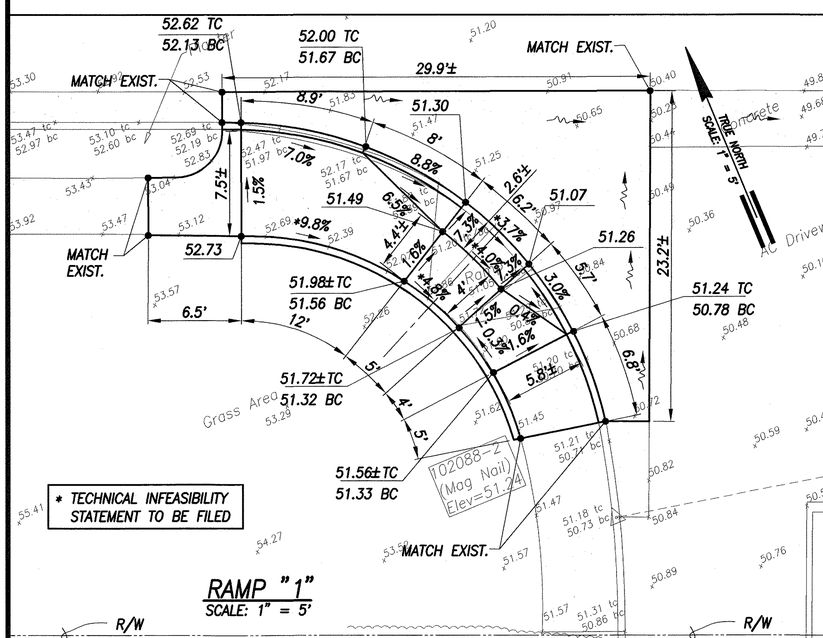
SITE PLAN – ALA IKE RD. & COLLEGE GARDENS
INTERS. ID NO. 99-102088
SCALE: 1" = 10'

① 177°14'08" 24.50'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 183°43'21" 18.82'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

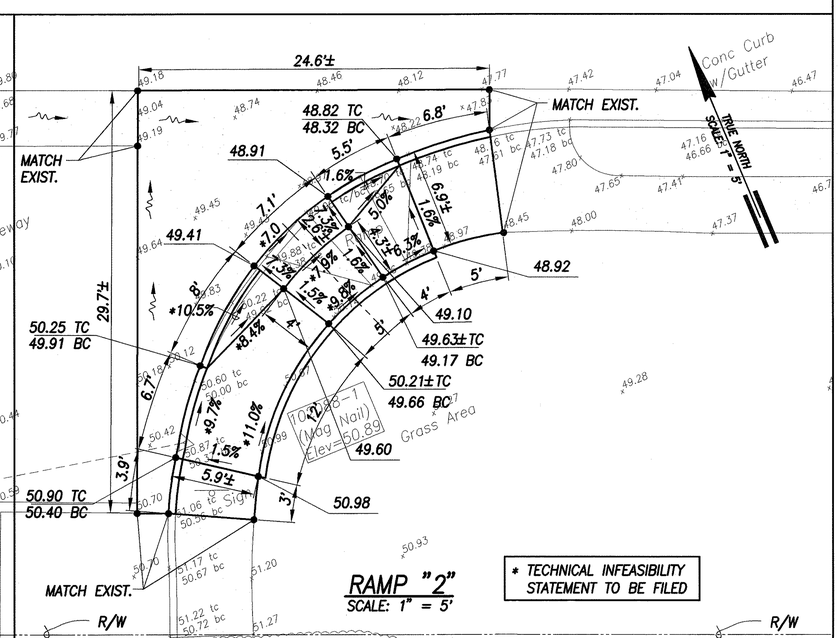
③ 261°02'53" 42.98'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 263°23'03" 36.07'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE



RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – ALA IKE RD. & COLLEGE GARDENS
INTERS. ID NO. 99-102088
SCALE: 1" = 5'



RAMP "2"
SCALE: 1" = 5'

GRADING PLAN – ALA IKE RD. & COLLEGE GARDENS
INTERS. ID NO. 99-102088
SCALE: 1" = 5'

LEGEND

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

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.	

GREG H. HIYAKUMOTO LICENSED PROFESSIONAL ENGINEER No. 6662-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

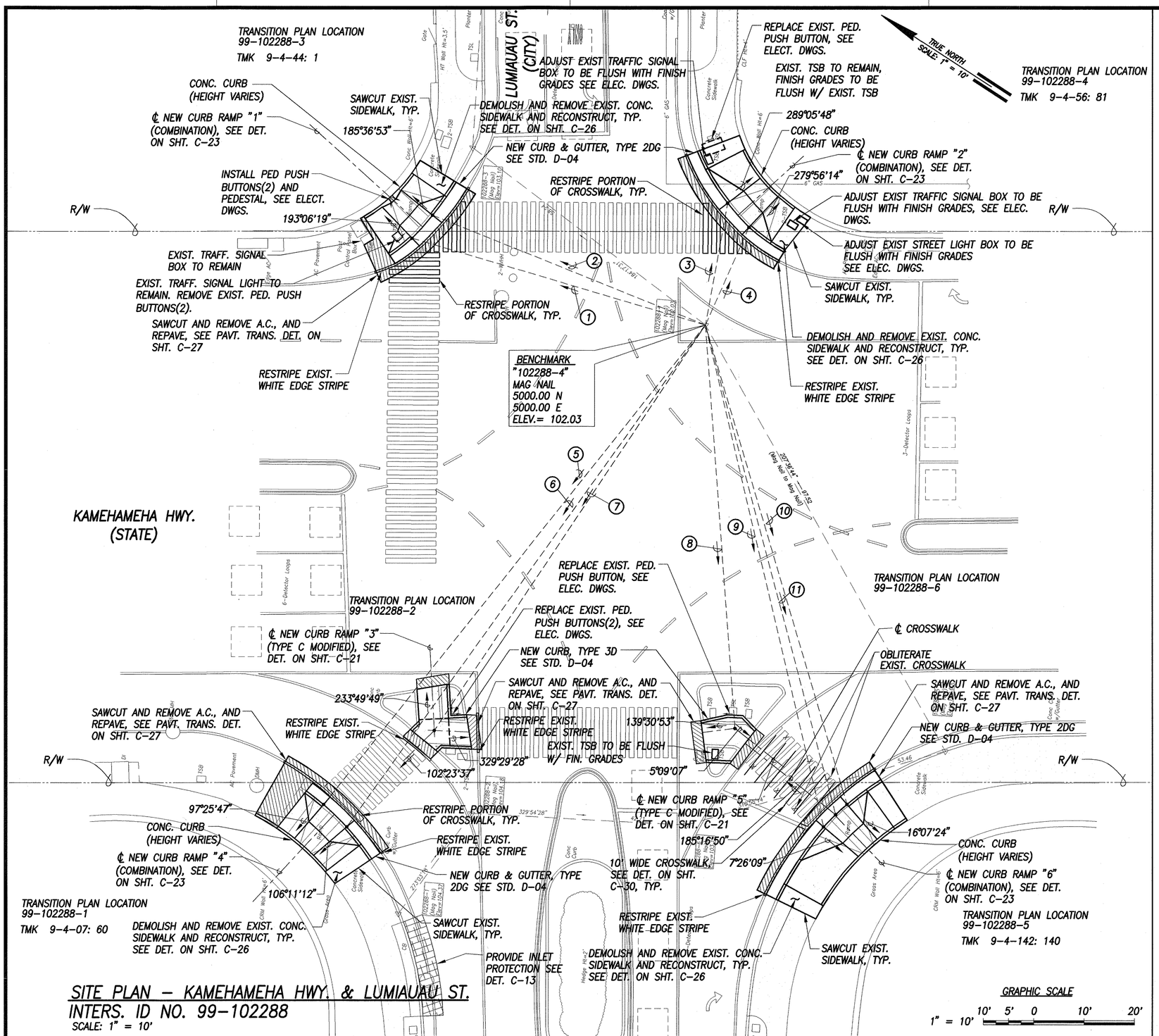
SITE & GRADING PLAN
ALA IKE RD. & COLLEGE GARDENS

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-72 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	74	153



SITE PLAN – KAMEHAMEHA HWY. & LUMIAUAU ST.
INTERS. ID NO. 99-102288
SCALE: 1" = 10'

1. 163°24'41" 60.81'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
2. 168°51'20" 58.46'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
3. 246°06'46" 24.74'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
4. 260°39'46" 21.35'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
5. 95°14'30" 122.07'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
6. 92°15'57" 122.88'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
7. 90°29'35" 97.20'
TIE: BM TO INTERSECTION OF CL RAMP
8. 52°41'12" 80.71'
TIE: BM TO INTERSECTION OF CL RAMP
9. 43°39'23" 102.85'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
10. 40°28'15" 99.71'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
11. 42°01'35" 101.08'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

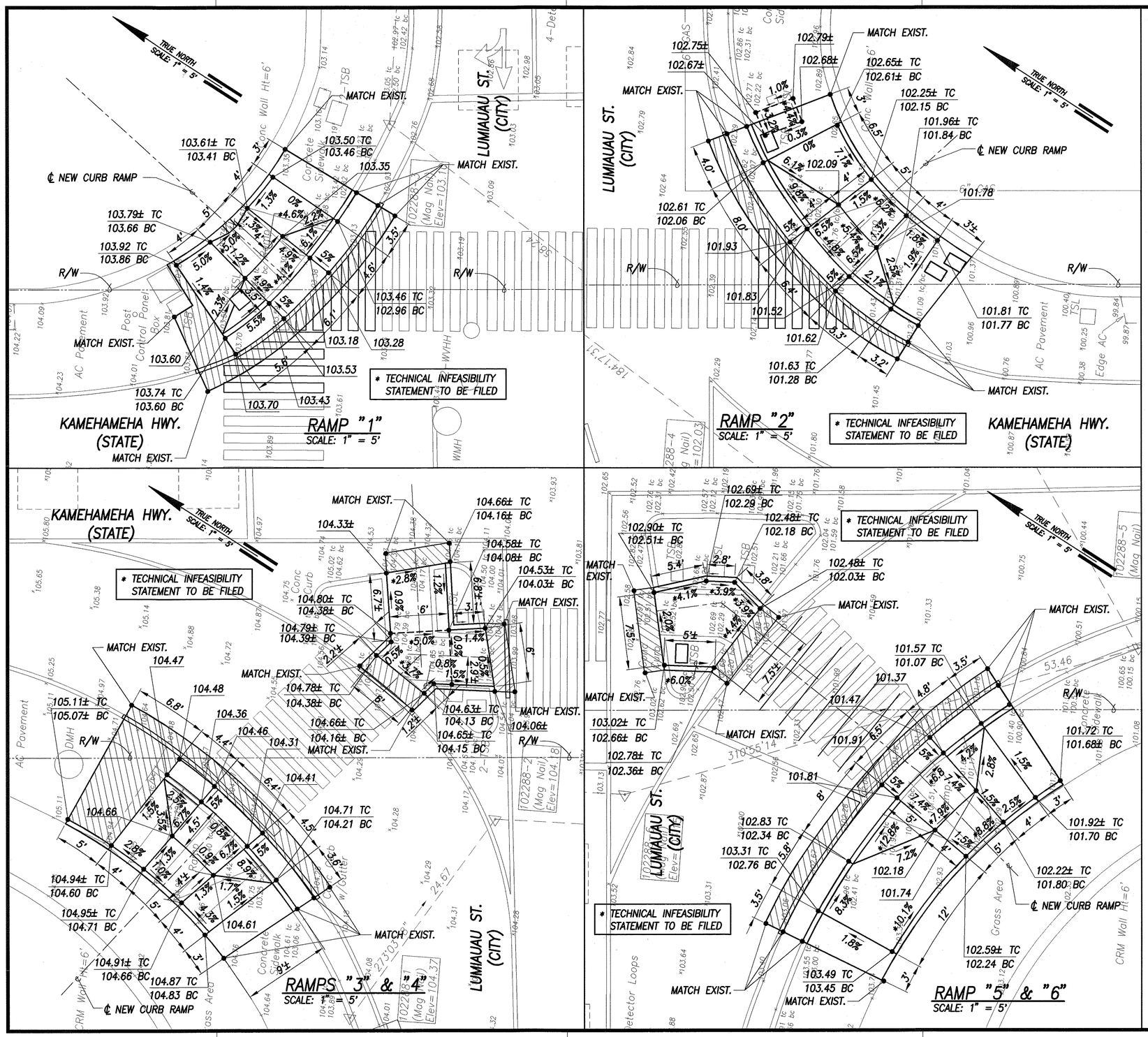
SITE PLAN – KAMEHAMEHA HWY. & LUMIAUAU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-73 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	75	153



LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – KAMEHAMEHA HWY. & LUMIAUAU ST.

INTERS. ID NO. 99-102288

SCALE: 1" = 5'

GRAPHIC SCALE

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	

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

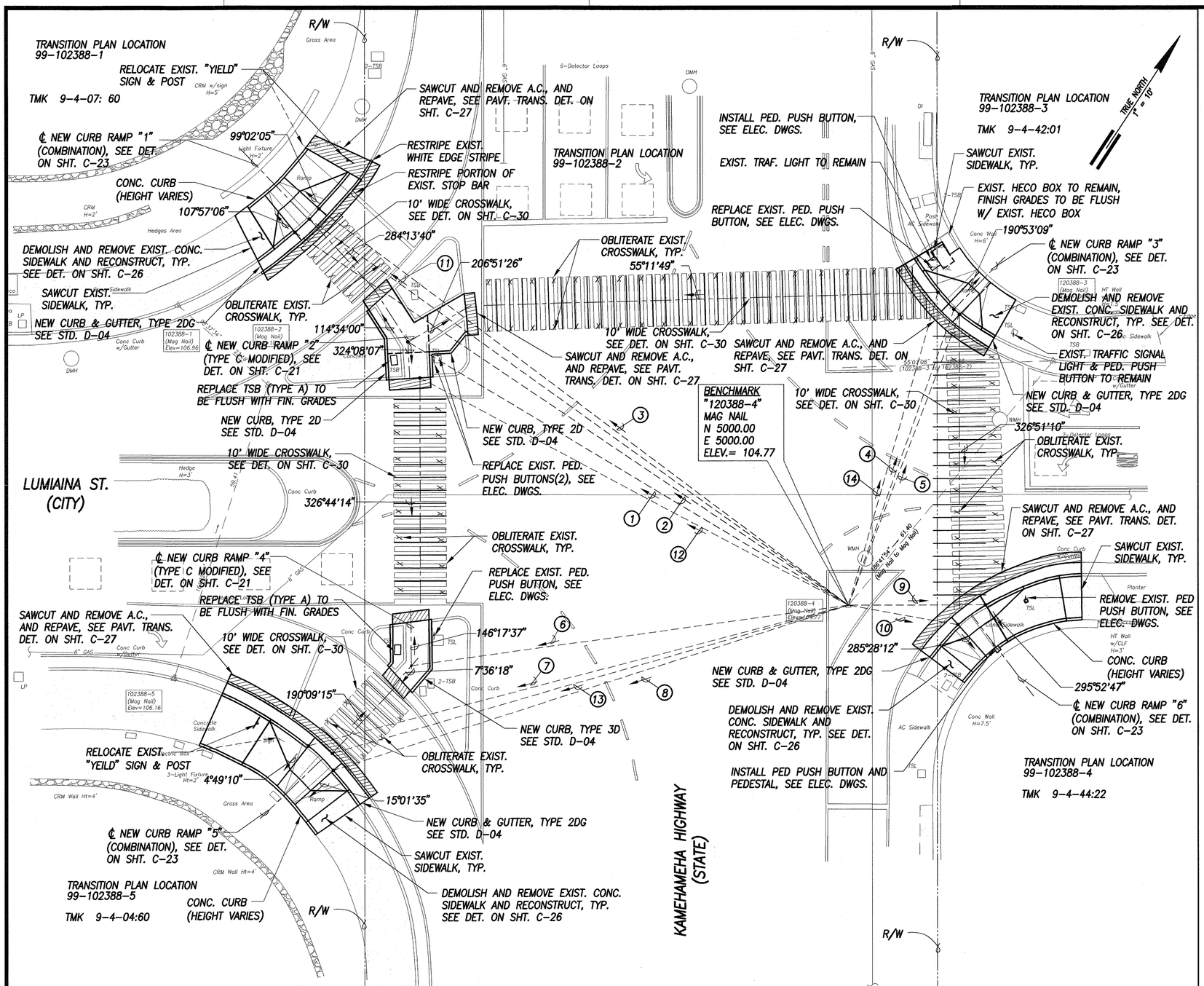
GRADING PLAN – KAMEHAMEHA HWY. & LUMIAUAU ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-74 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	76	153



SITE PLAN – KAMEHAMEHA HWY. & LUMIAINA ST.
INTERS. ID NO. 102388
SCALE: 1" = 10'

(1) 87°53'05" 98.75'
TIE: BM TO INTERSECTION OF ℄ OF RAMPS

(2) 90°59'10" 128.41'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 93°50'47" 127.27'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(4) 166°25'24" 60.59'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(5) 167°40'41" 60.04'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(6) 48°57'16" 84.79'
TIE: BM TO INTERSECTION OF ℄ OF RAMPS

(7) 42°11'33" 107.25'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(8) 39°00'21" 103.95'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(9) 236°51'52" 26.35'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(10) 247°12'39" 21.43'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(11) 92°37'57" 127.60'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(12) 84°57'32" 93.33'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(13) 40°46'23" 103.17'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

(14) 162°46'17" 62.85'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

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

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

SIGNATURE 4/1/04 DATE 4/30/04 ACP

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

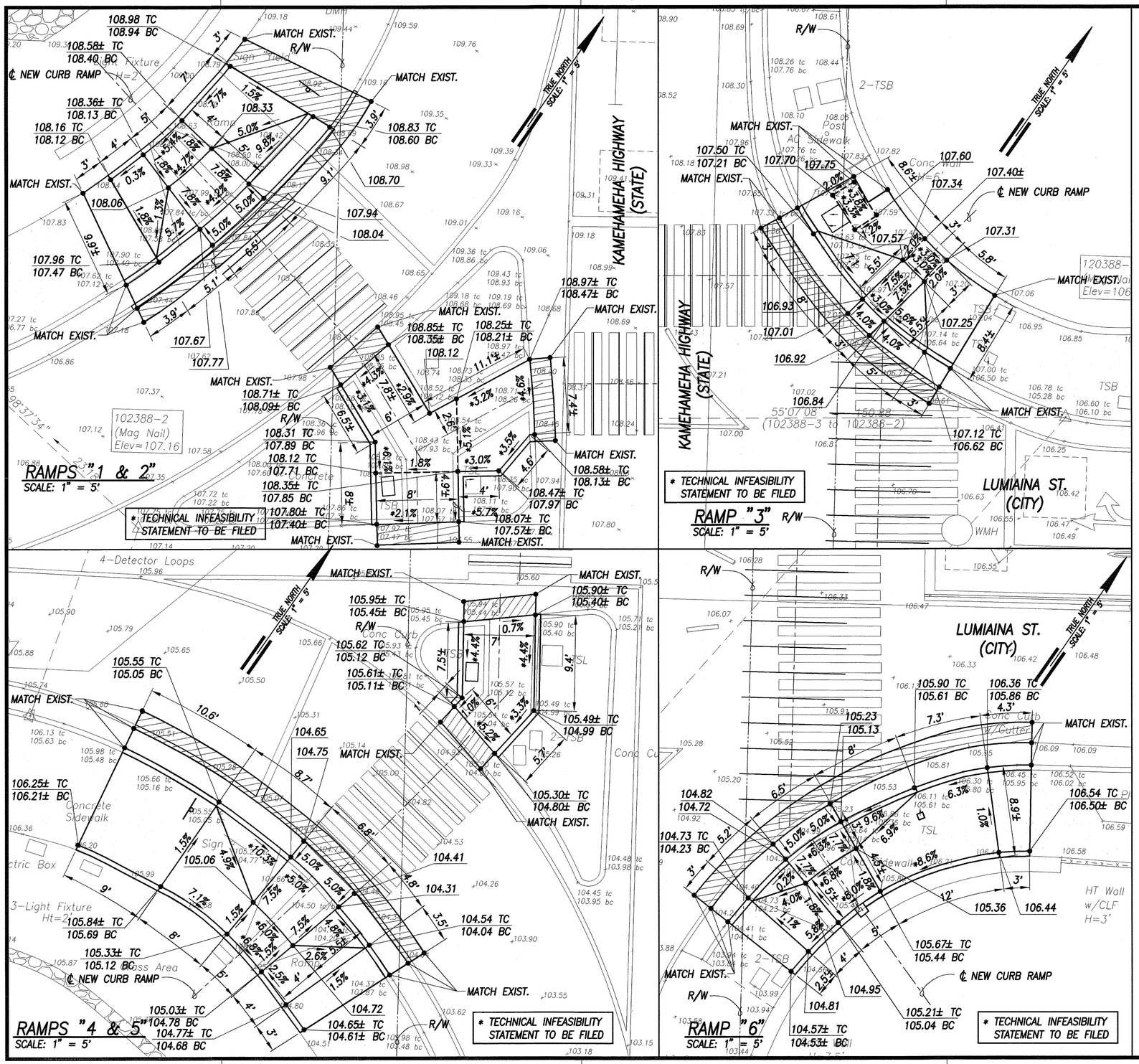
SITE PLAN – KAMEHAMEHA HWY. & LUMIAINA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-75 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	77	153



LEGEND

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

GRADING PLAN – KAMEHAMEHA HIGHWAY & LUMIAINA ST.
INTERS. ID NO. 102388
SCALE: 1" = 5'

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

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

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

SIGNATURE 11/1/04 DATE 11/30/04 sep

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

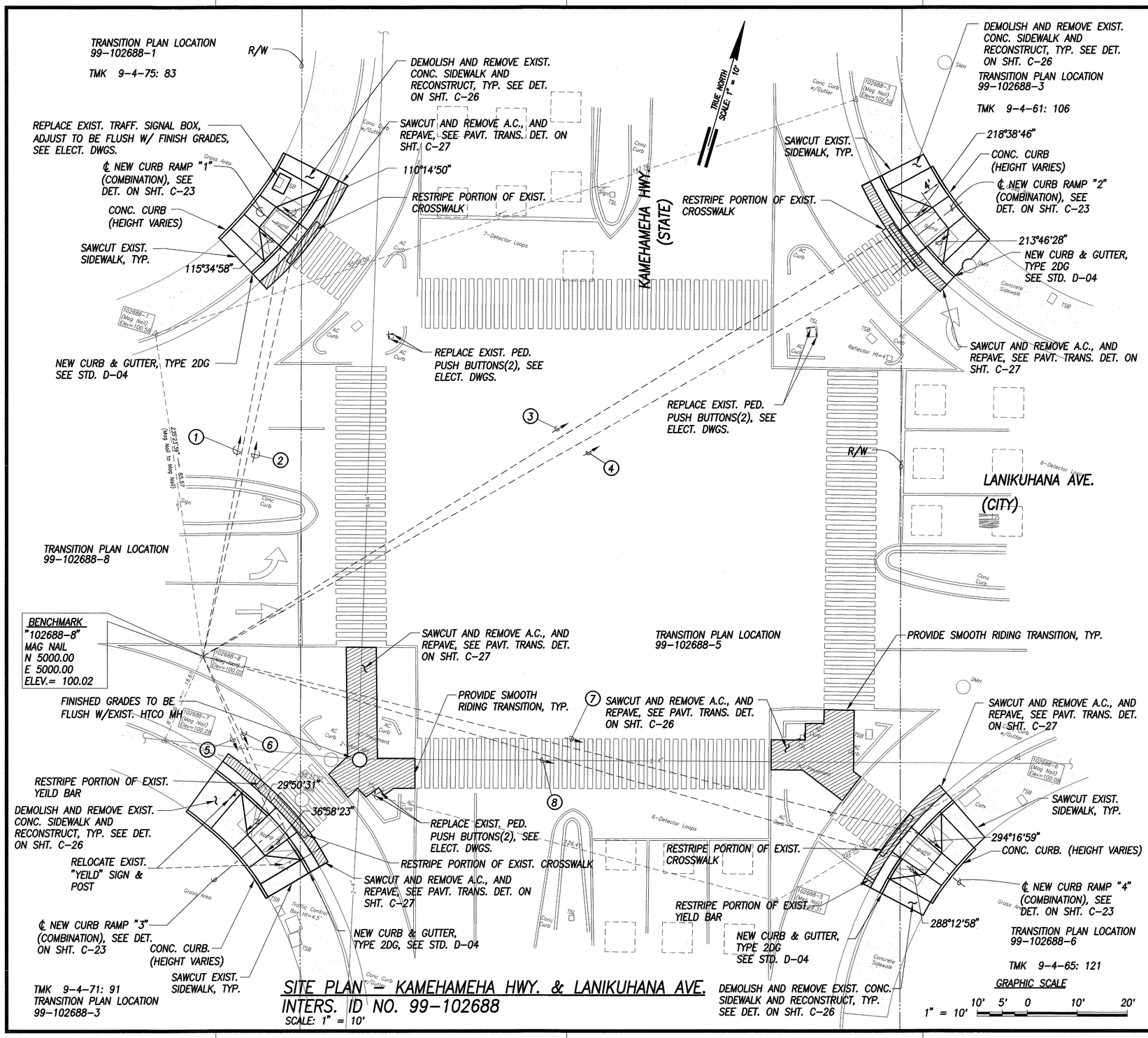
GRADING PLAN – KAMEHAMEHA HWY & LUMIAINA ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-76 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	78	153



SITE PLAN – KAMEHAMEHA HWY. & LANIKUHANA AVE.
INTERS. ID NO. 99-102688
SCALE: 1" = 10'

1. 174°25'58" 83.78'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
2. 176°13'15" 89.05'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
3. 222°06'57" 163.53'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
4. 224°07'16" 166.20'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
5. 321°13'29" 34.39'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
6. 318°30'32" 40.37'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
7. 267°45'08" 147.56'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
8. 269°57'33" 145.20'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

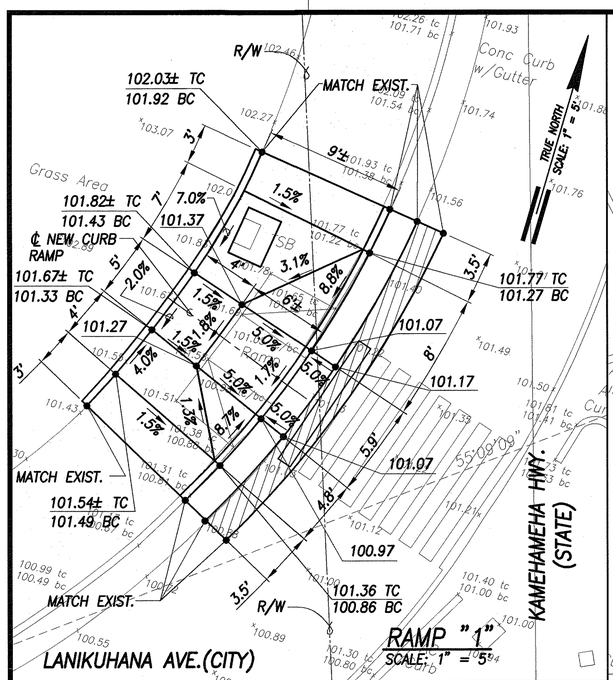
SITE PLAN – KAMEHAMEHA HWY. & LANIKUHANA AVE.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

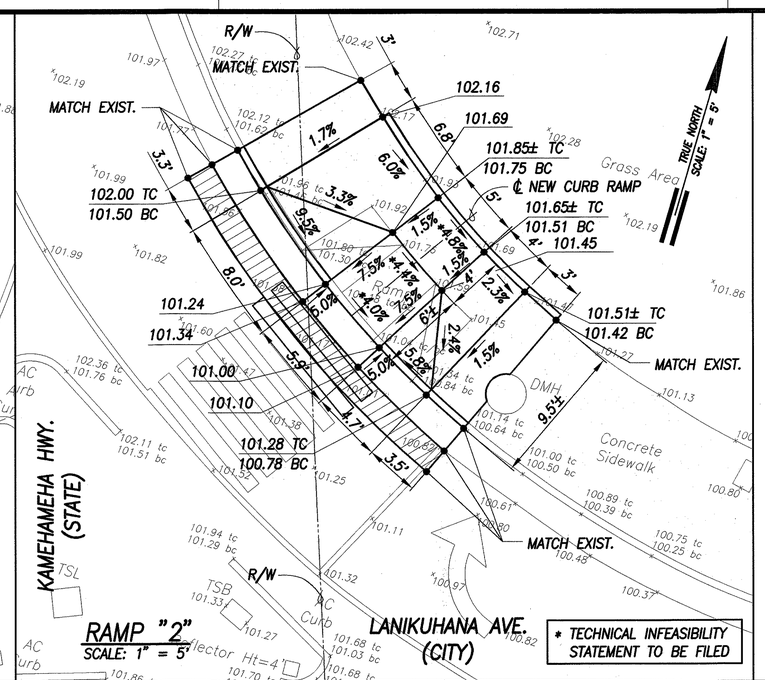
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-77 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	79	153

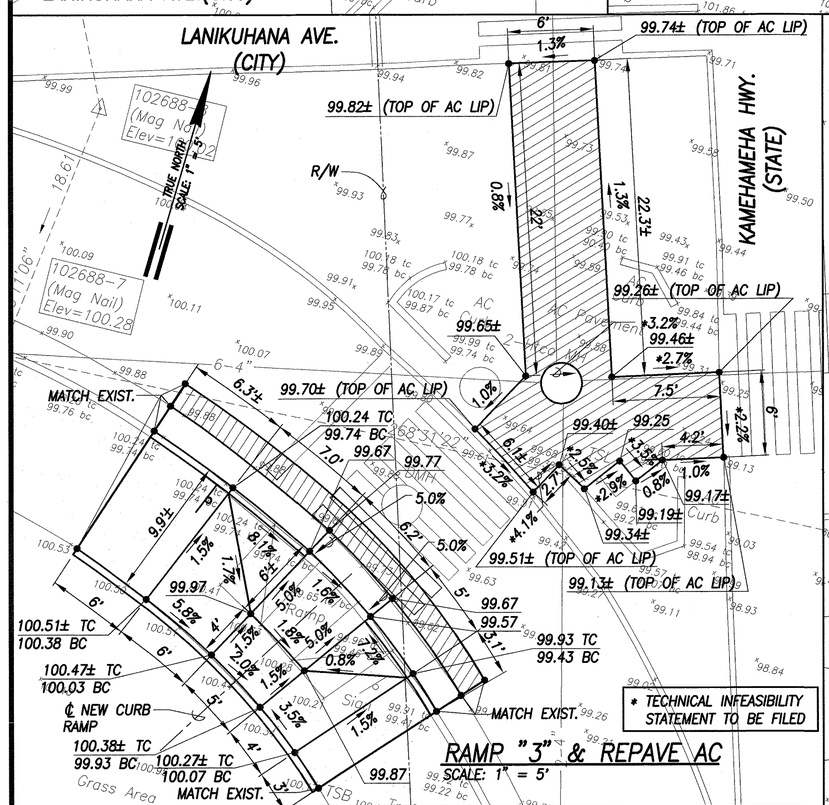


RAMP "1"
SCALE: 1" = 5'



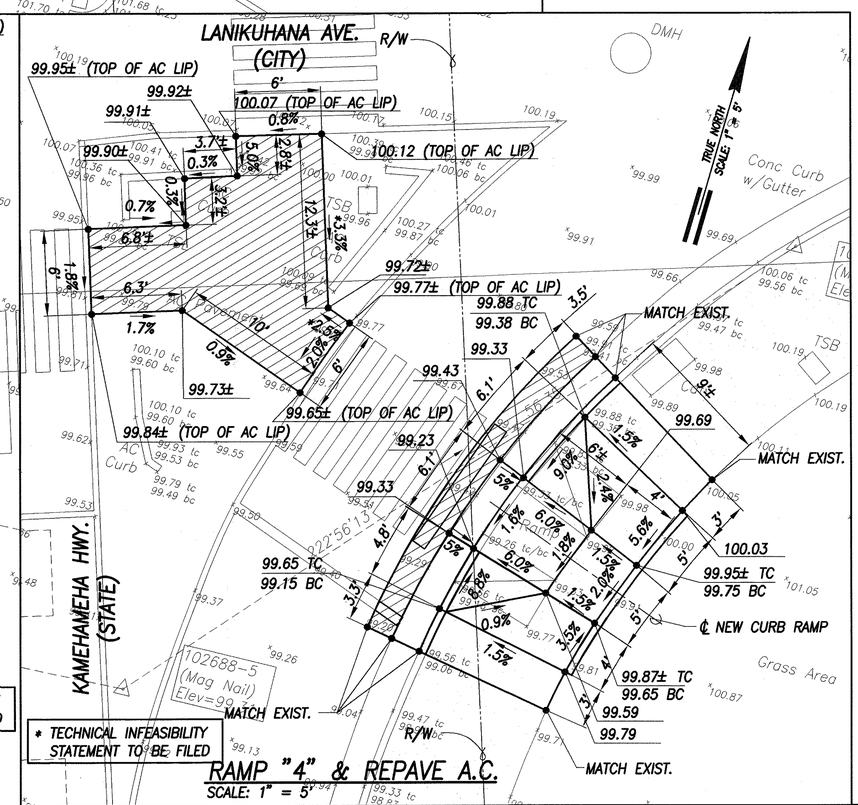
RAMP "2"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "3" & REPAVE AC
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "4" & REPAVE A.C.
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

LEGEND

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

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

GRADING PLAN – KAMEHAMEHA HWY. & LANIKUHANA AVE.

INTERS. ID NO. 99-102688
SCALE: 1" = 5'

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

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

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. & LANIKUHANA AVE.

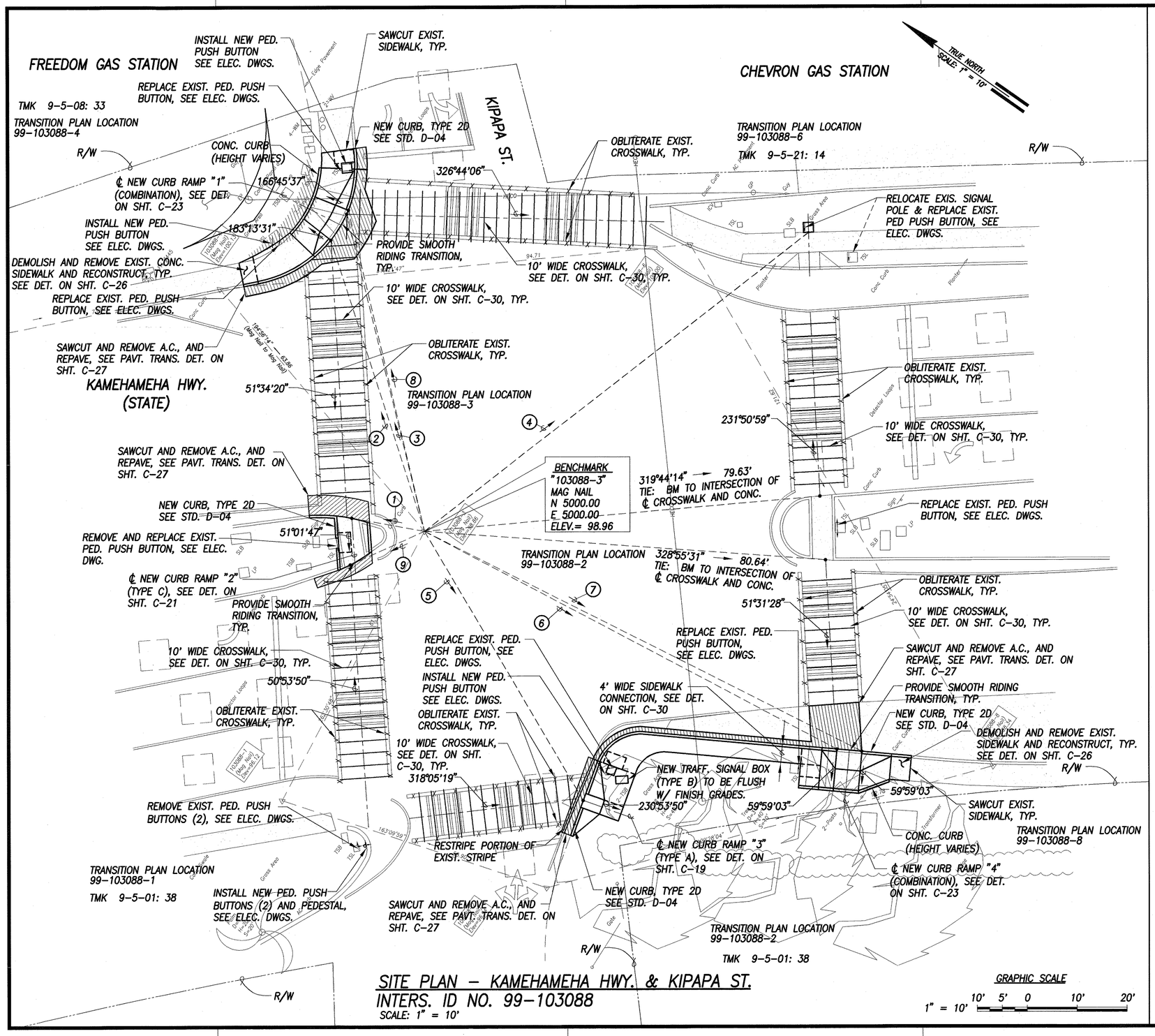
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-78 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	C.O. 80	153



SITE PLAN – KAMEHAMEHA HWY. & KIPAPA ST.

INTERS. ID NO. 99-103088

SCALE: 1" = 10'

1. 155°05'16" 14.80' TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
2. 217°10'16" 61.81' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE
3. 221°13'43" 66.71' TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
4. 286°43'34" 97.92' TIE: BM TO INTERSECTION ℄ OF NEW PED. PUSH BUTTON POLE
5. 24°26'32" 62.98' TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
6. 352°49'43" 93.69' TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
7. 351°41'52" 98.32' TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
8. 221°40'30" 66.00' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE
9. 120°21'19" 16.33' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

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

STANLEY K. YOKOOJI ARMSTRONG LICENSED PROFESSIONAL ENGINEER No. 8983-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 4/30/06

"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. & KIPAPA ST

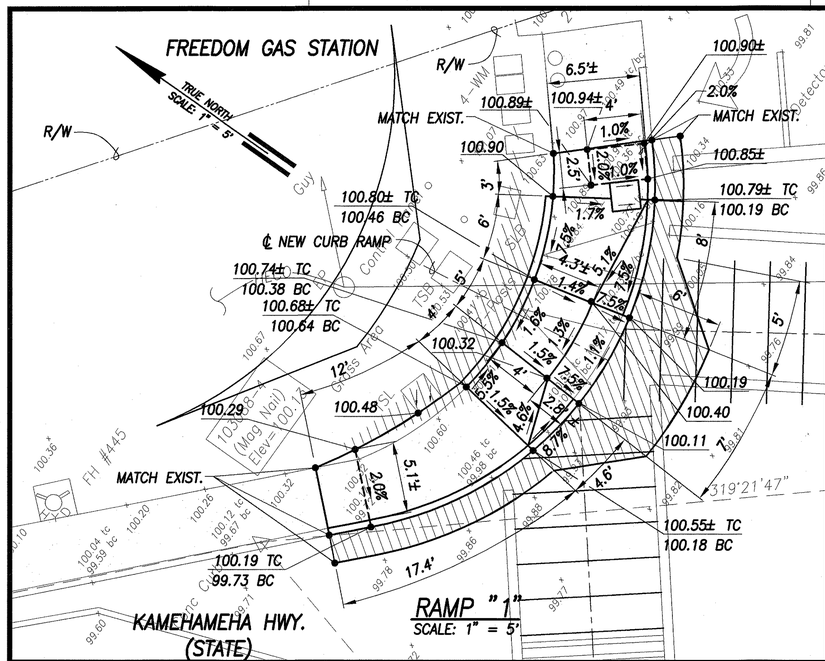
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

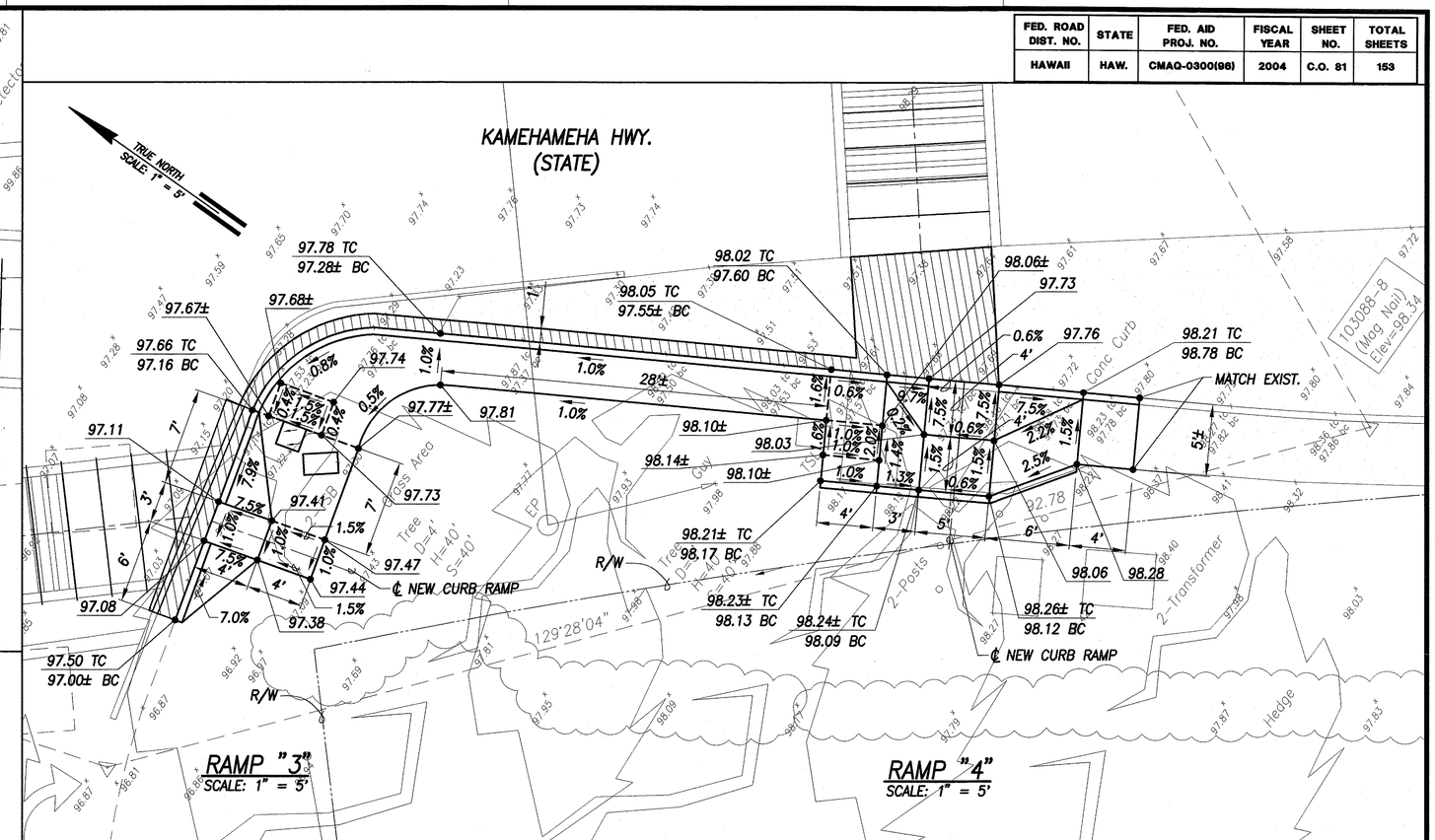
Scale: 1" = 10'-0" Date: August 2004

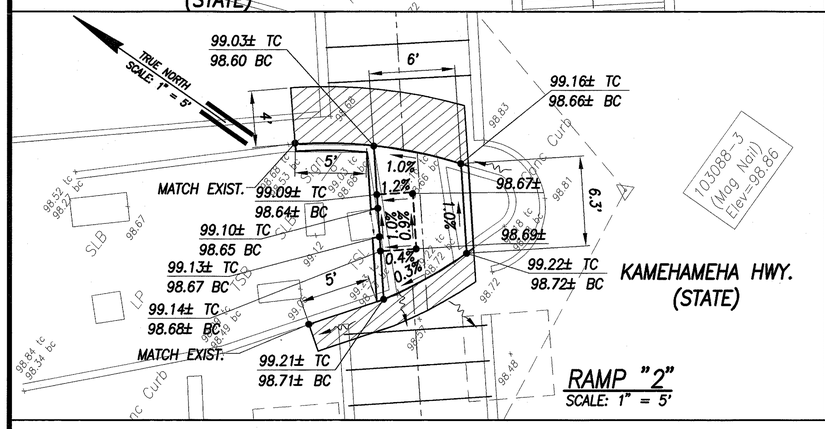
SHEET No. C-79 OF 153 SHEETS

C.O. 80

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	C.O. 81	153







LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY. & KIPAPA ST.
INTERS. ID NO. 99-103088
SCALE: 1" = 5'

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'

STACY K. YOKOOJI ARMSTRONG
LICENSED PROFESSIONAL ENGINEER
No. 6993-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

"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. & KIPAPA ST.

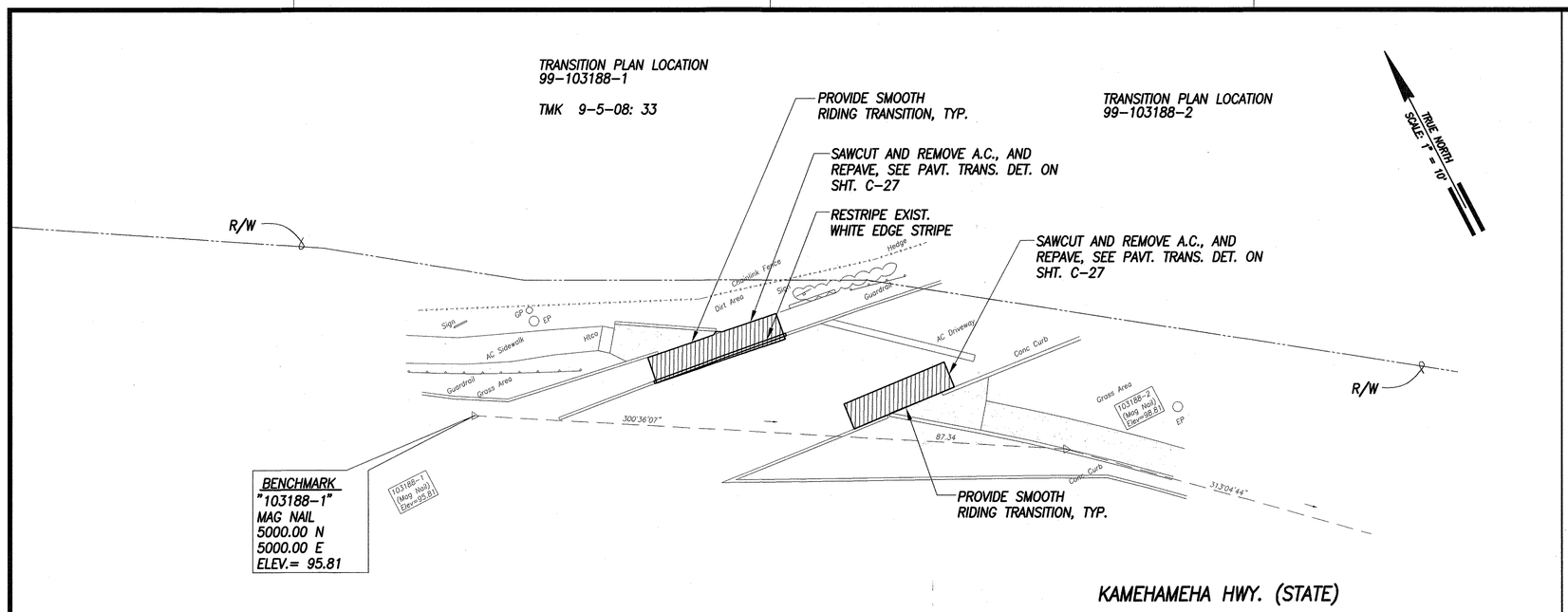
Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

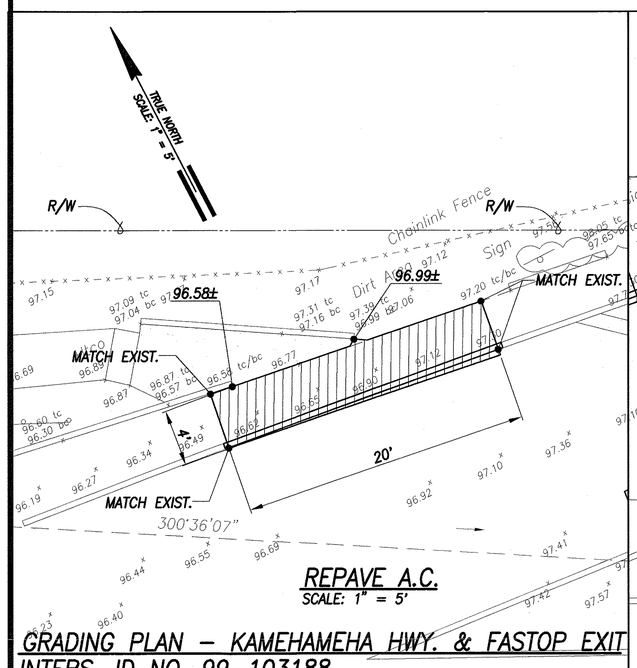
SHEET No. C-80 OF 153 SHEETS

C.O. 81

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	82	153

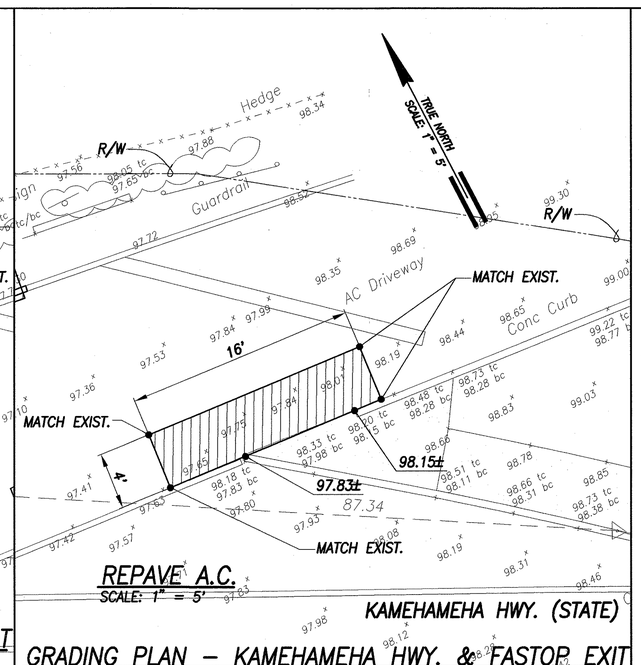


SITE PLAN – KAMEHAMEHA HWY. & FASTOP EXIT
INTERS. ID NO. 99-103188
SCALE: 1" = 10'



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

GRADING PLAN – KAMEHAMEHA HWY. & FASTOP EXIT
INTERS. ID NO. 99-103188
SCALE: 1" = 5'
KAMEHAMEHA HWY. (STATE)



REPAVE A.C.
SCALE: 1" = 5'
KAMEHAMEHA HWY. (STATE)

GRADING PLAN – KAMEHAMEHA HWY. & FASTOP EXIT
INTERS. ID NO. 99-103188
SCALE: 1" = 5'

LEGEND

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

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

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

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

SIGNATURE 3/15/04 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
KAMEHAMEHA HWY. & FASTOP EXIT

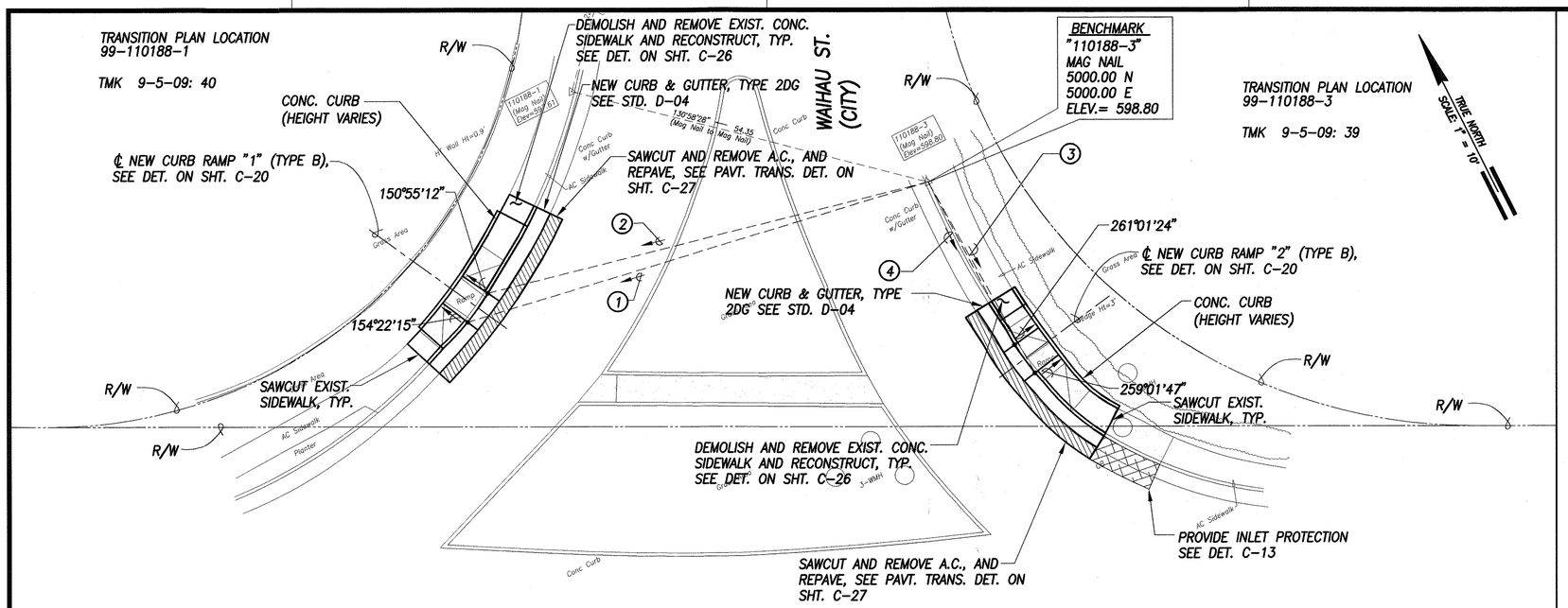
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-81 OF 153 SHEETS

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

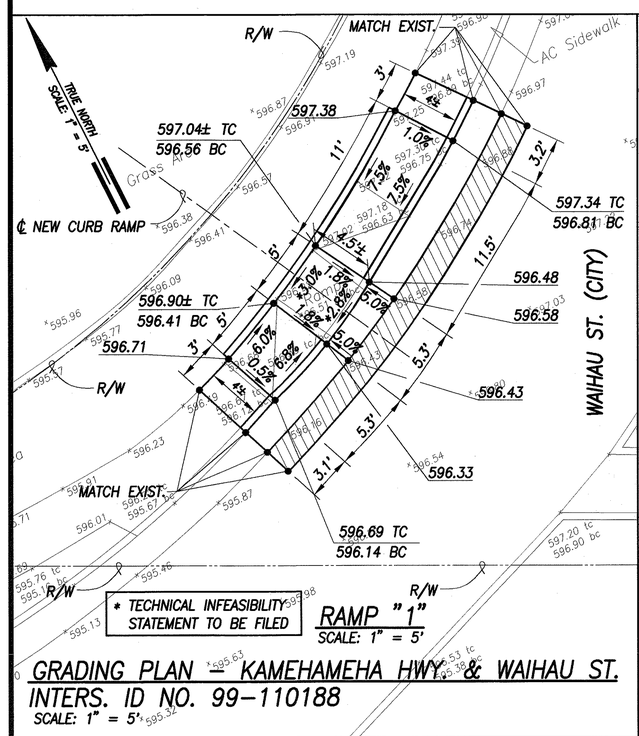
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	83	153



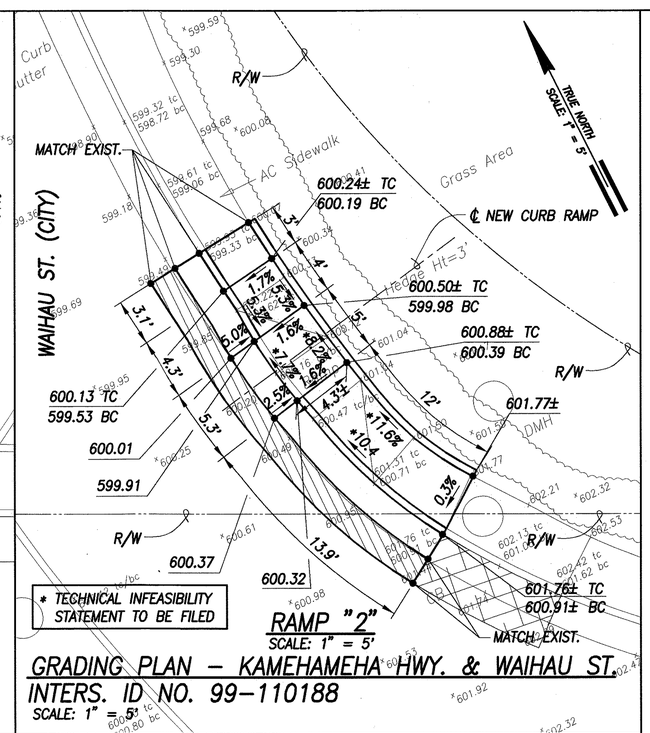
SITE PLAN – KAMEHAMEHA HWY. & WAIHAU ST.
INTERS. ID NO. 99-110188
SCALE: 1" = 10'

KAMEHAMEHA HWY. (STATE)

1. 99°43'06" 71.17'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
2. 102°30'17" 67.14'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
3. 357°39'11" 32.44'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
4. 358°54'47" 27.35'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE



GRADING PLAN – KAMEHAMEHA HWY. & WAIHAU ST.
INTERS. ID NO. 99-110188
SCALE: 1" = 5'



GRADING PLAN – KAMEHAMEHA HWY. & WAIHAU ST.
INTERS. ID NO. 99-110188
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & WAIHAU ST.

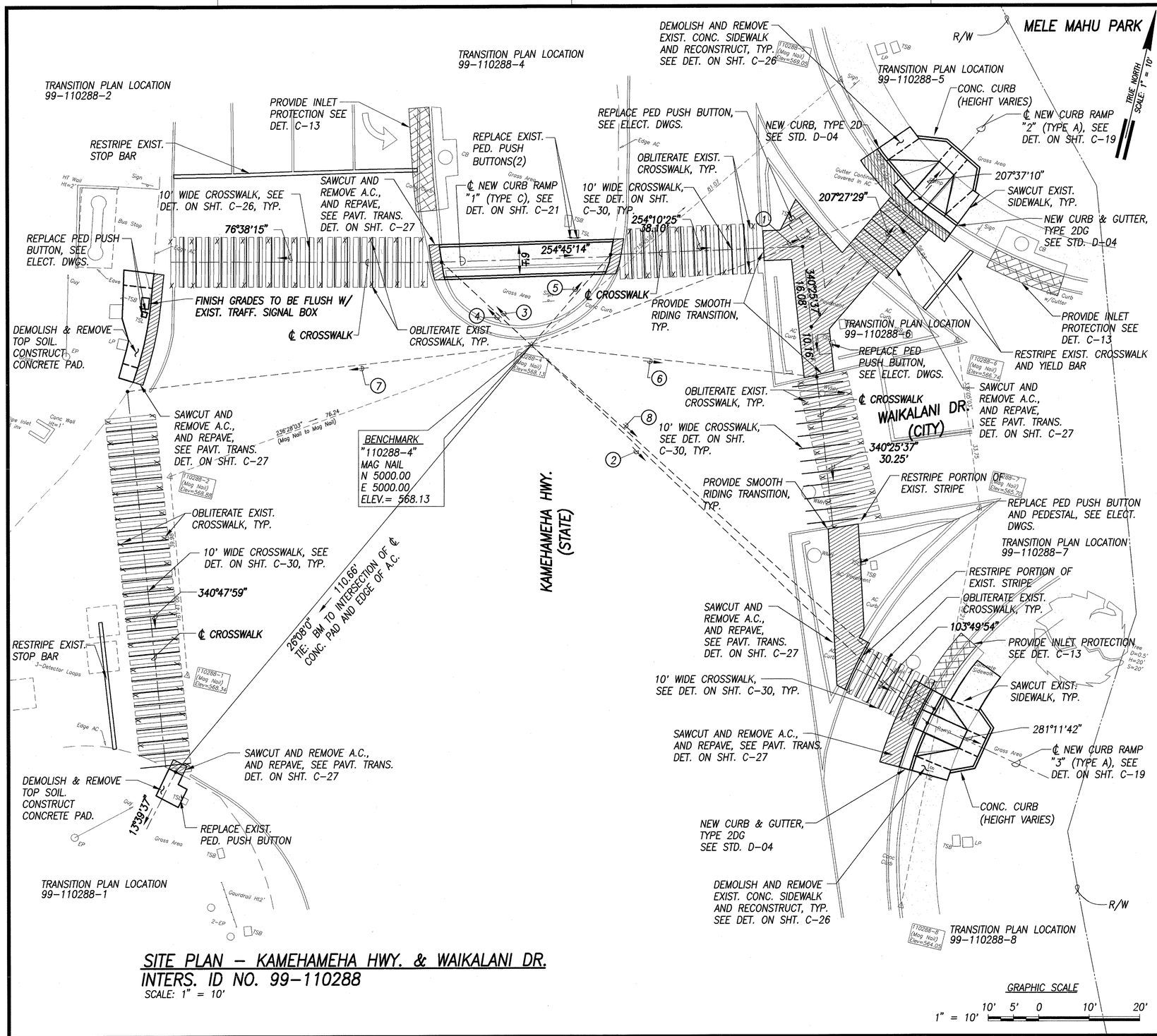
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-82 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	C.O. 84	153



SITE PLAN – KAMEHAMEHA HWY. & WAIKALANI DR.
INTERS. ID NO. 99-110288
SCALE: 1" = 10'

1. 231°42'40" 82.50' TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
2. 300°29'15" 109.01' TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
3. 119°38'22" 24.37' TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
4. 119°38'22" 24.37' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE
5. 119°38'22" 24.37' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE
6. 262°59'34" 56.95' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND EDGE OF STRIPE
7. 69°57'36" 80.58' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND EDGE OF A.C.
8. 298°54'45" 108.09' TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

REDUCED PLAN
(HALF SIZE)
0 1 2 3
3 INCHES ON ORIGINAL PLAN

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

STANLEY K. YOKOOJI ARMSTRONG
LICENSED PROFESSIONAL ENGINEER
No. 8989-C
HAWAII, U.S.A.

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SIGNATURE 4/30/04 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 PLAN
KAMEHAMEHA HWY. & WAIKALANI DR.

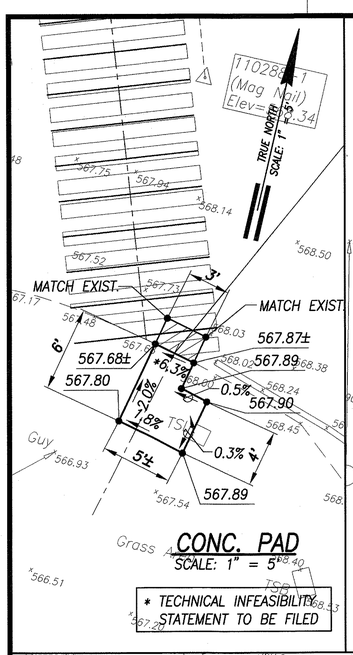
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-83 OF 153 SHEETS

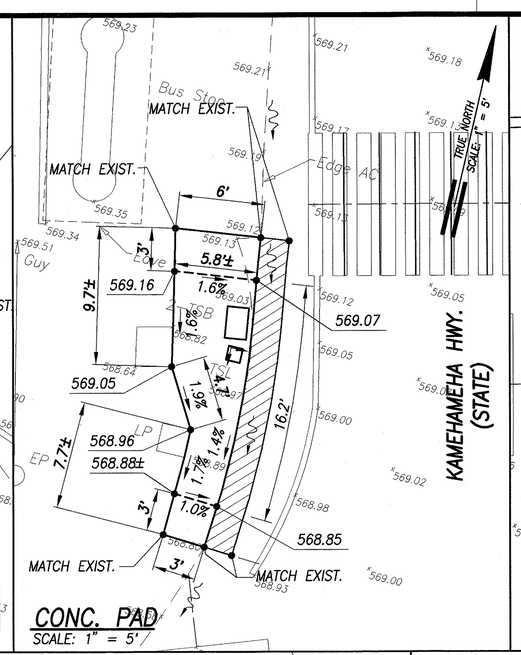
C.O. 84

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	C.O. 85	153

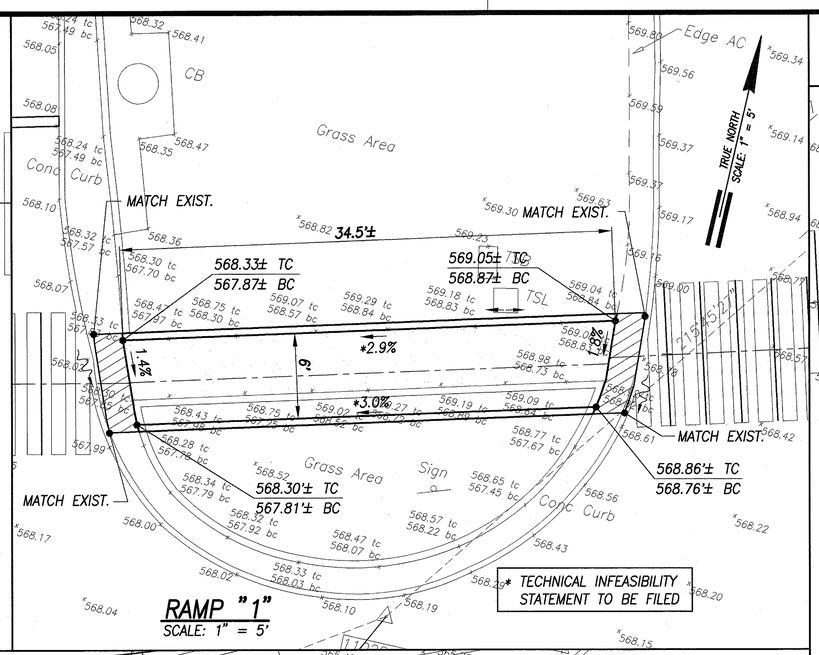


CONC. PAD
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

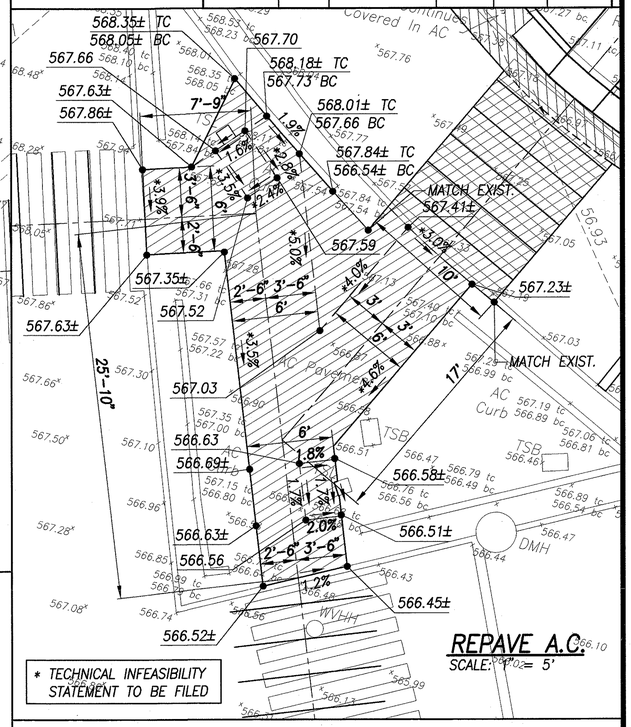


CONC. PAD
SCALE: 1" = 5'



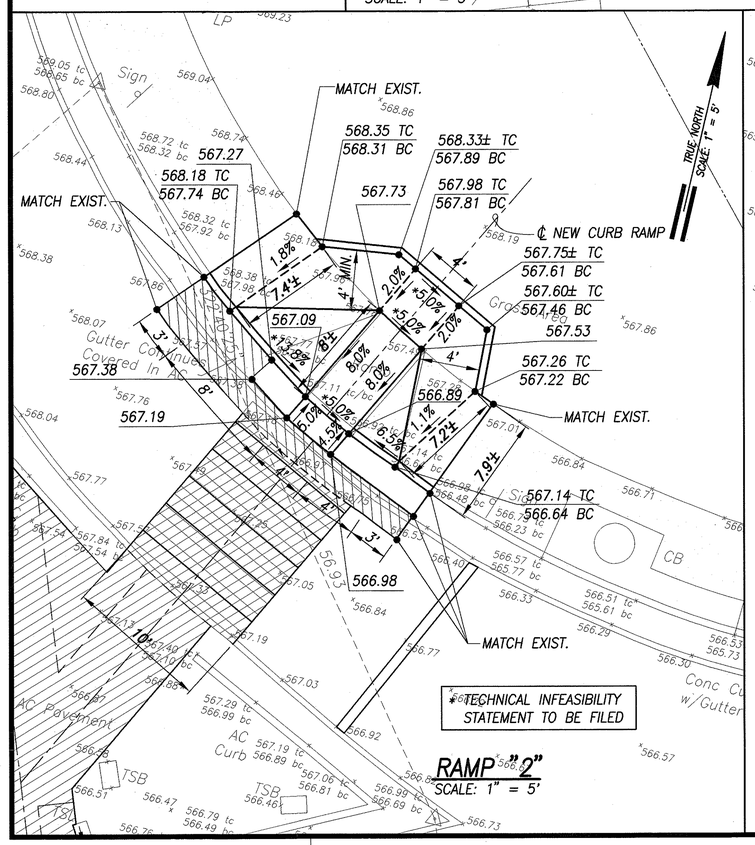
RAMP "1"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



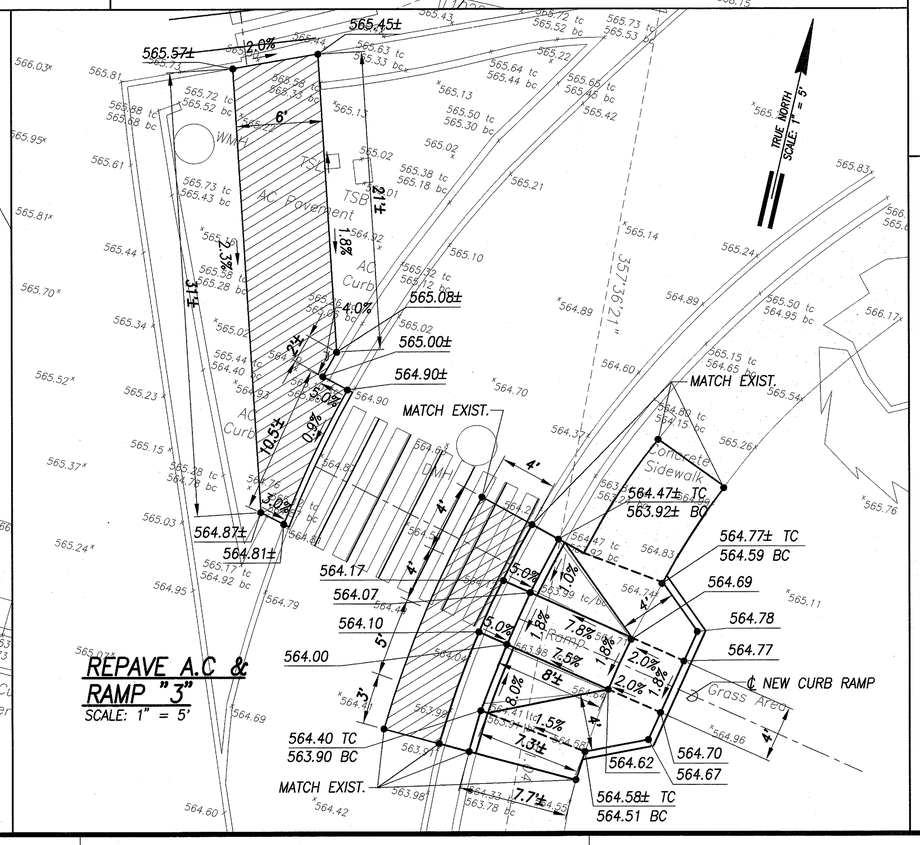
REPAVE A.C.
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



REPAVE A.C & RAMP "3"
SCALE: 1" = 5'

LEGEND

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

REDUCED PLAN
(HALF SIZE)
0 1 2 3
3 INCHES ON ORIGINAL PLAN

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

GRADING PLAN – KAMEHAMEHA HWY. & WAIKALANI DR.
INTERS. ID NO. 99-110288
SCALE: 1" = 5'

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

STACY K. YOKOOJI ARMSTRONG
LICENSED PROFESSIONAL ENGINEER
No. 8983-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 4/9/06

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DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
KAMEHAMEHA HWY. & WAIKALANI DR.

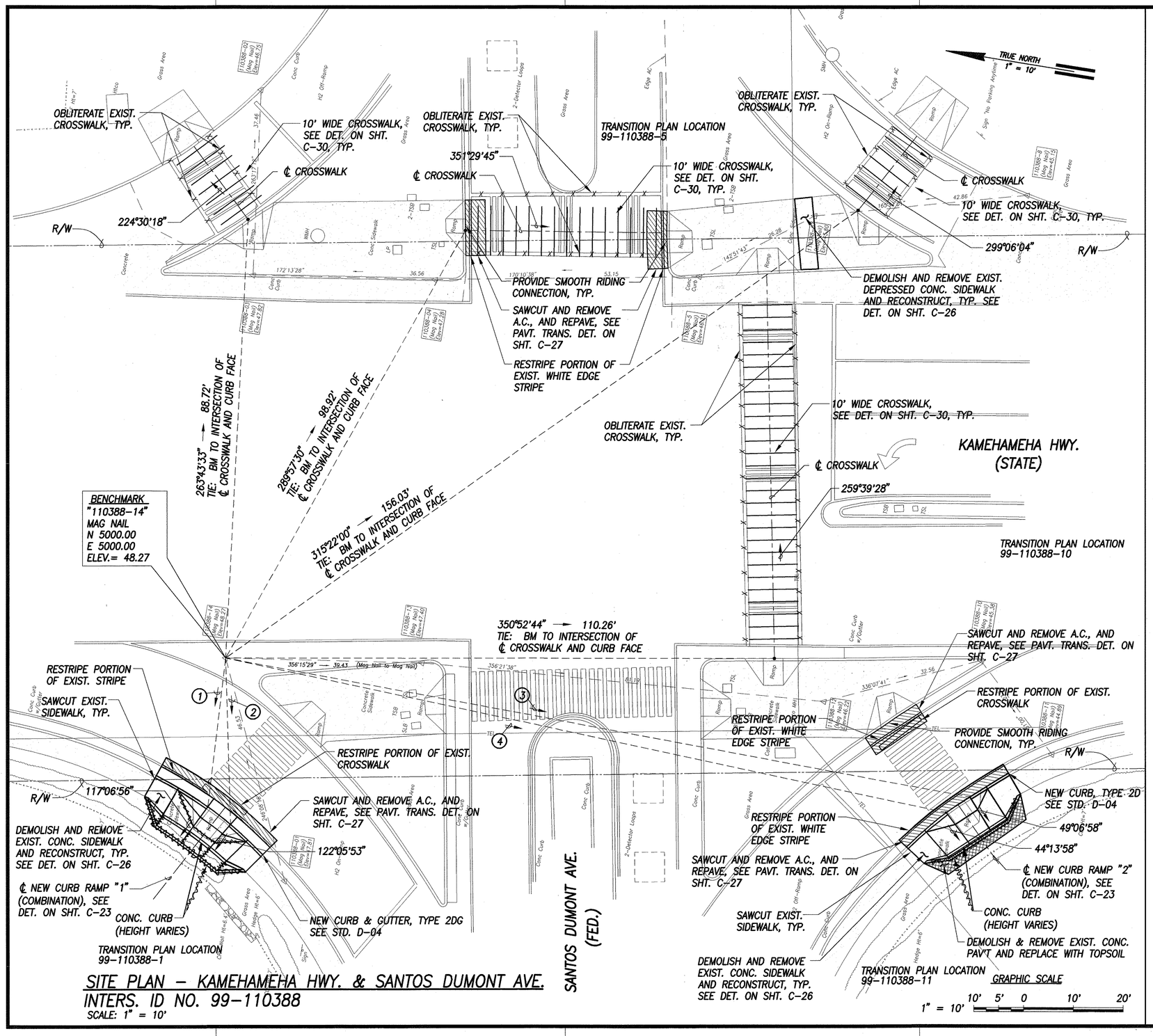
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-84 OF 153 SHEETS

C.O. 85

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	86	153



SITE PLAN – KAMEHAMEHA HWY. & SANTOS DUMONT AVE.
INTERS. ID NO. 99-110388
SCALE: 1" = 10'

① 87°40'06" 30.21'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 79°09'12" 33.60'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 01°28'59" 152.13'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 03°00'47" 148.10'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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

ORIGINAL PLAN	
NOTE BOOK	
No.	

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

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

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. & SANTOS DUMONT AVE.

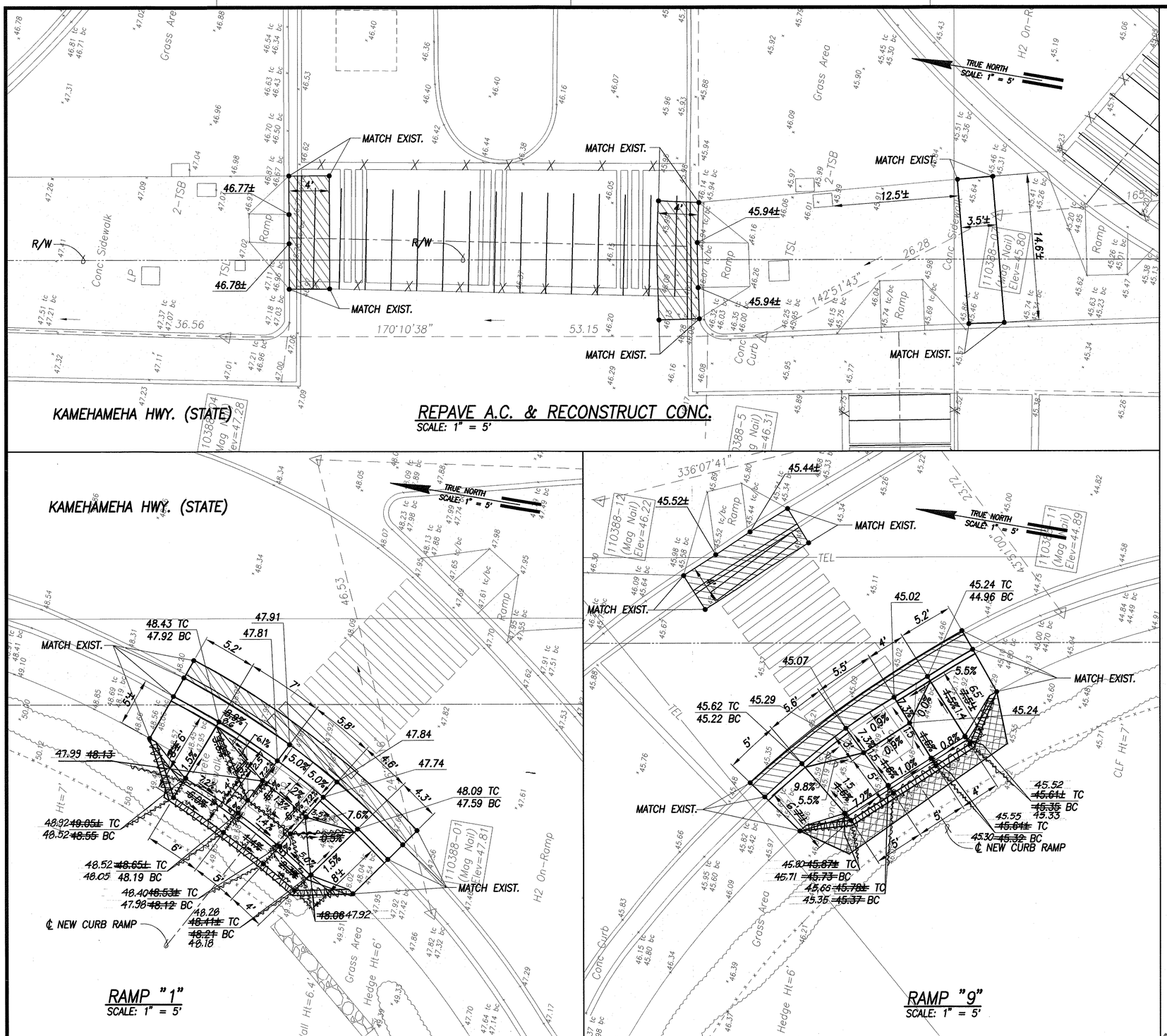
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-85 OF 153 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	87	153



LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY. & SANTOS DUMONT AVE.

INTERS. ID NO. 99-110388

SCALE: 1" = 5'

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

GREG H. HIYAKUMOTO
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SIGNATURE 4/11/06 — DATE April 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

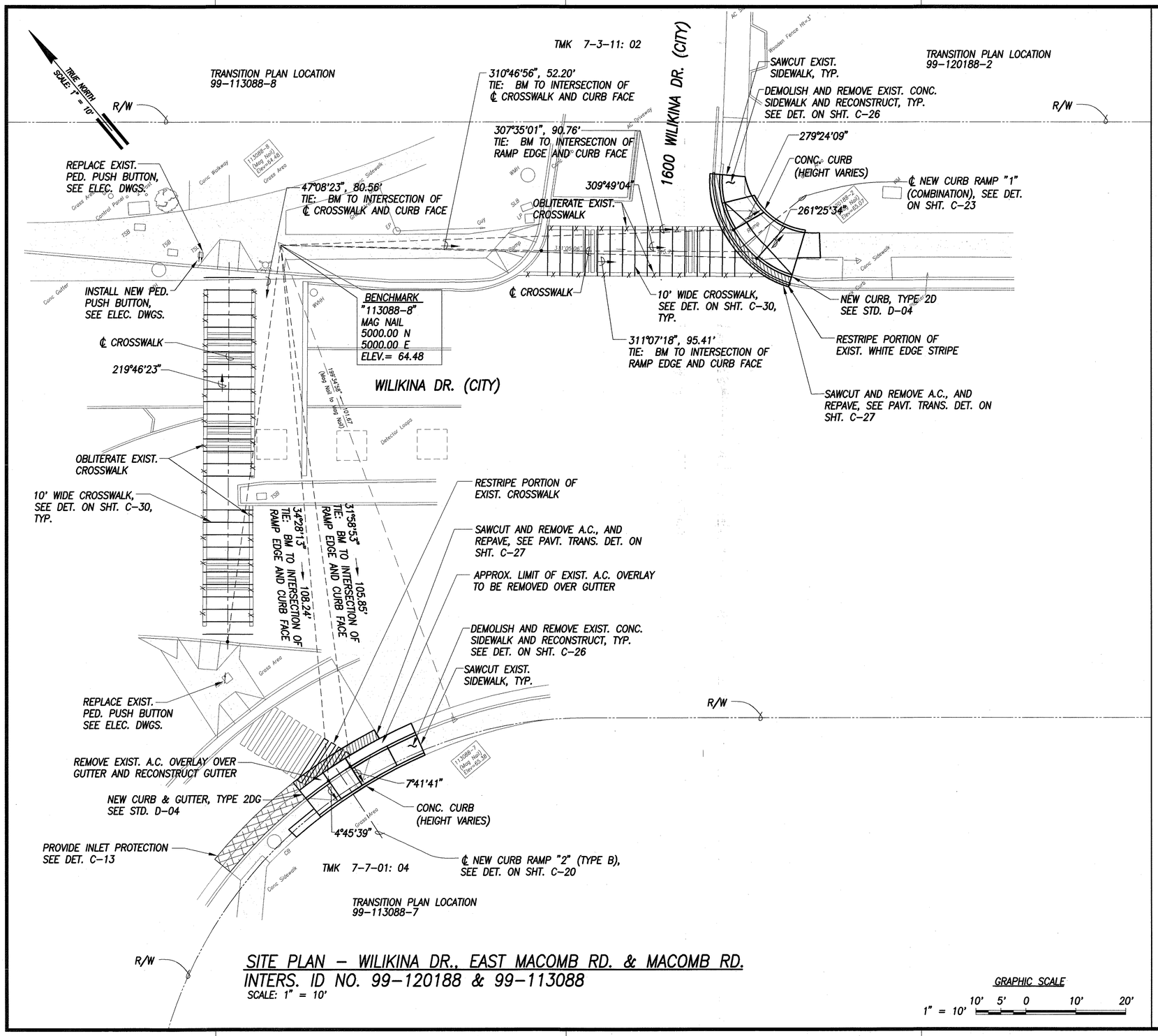
GRADING PLAN – KAMEHAMEHA HWY. & SANTOS DUMONT AVE.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-86 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	88	153



SITE PLAN – WILIKINA DR., EAST MACOMB RD. & MACOMB RD.

INTERS. ID NO. 99-120188 & 99-113088

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	

GREG H. HIYAKUMOTO
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SIGNATURE April 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

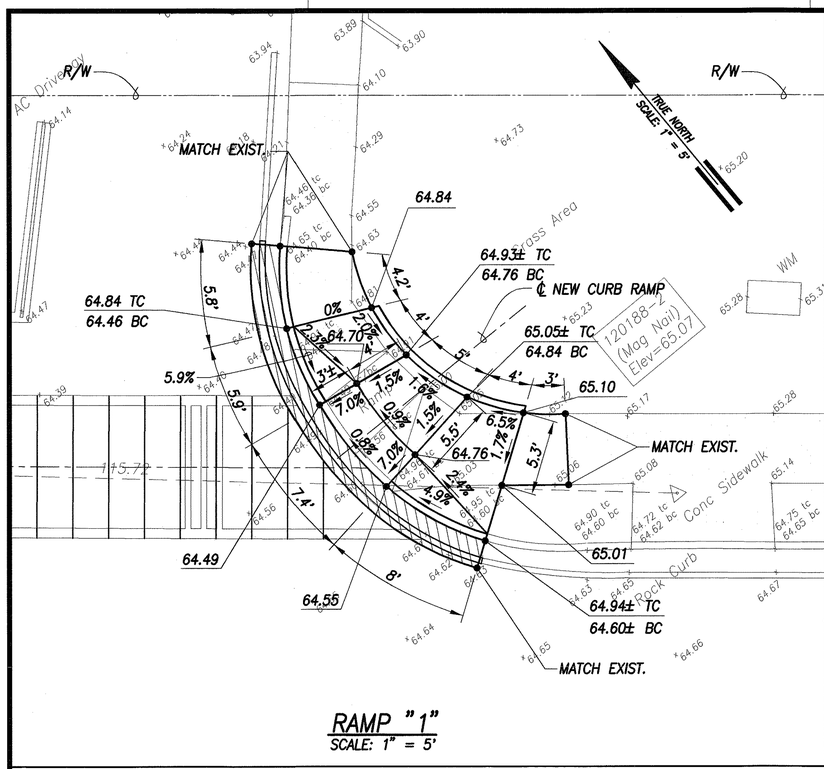
SITE PLAN – WILIKINA DR., MACOMB RD. & EAST MACOMB RD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

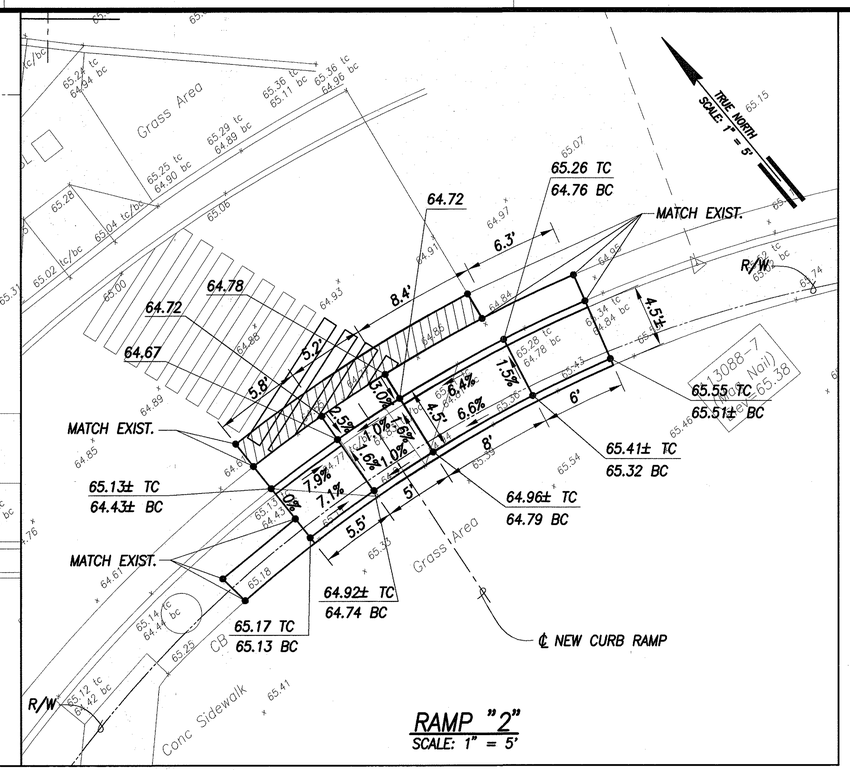
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-87 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	89	153



RAMP "1"
SCALE: 1" = 5'



RAMP "2"
SCALE: 1" = 5'

LEGEND

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

GRADING PLAN – WILIKINA DR., EAST MACOMB RD. & MACOMB RD.
INTERS. ID NO. 99-120188 & 99-113088
SCALE: 1" = 5'

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

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SIGNATURE April 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

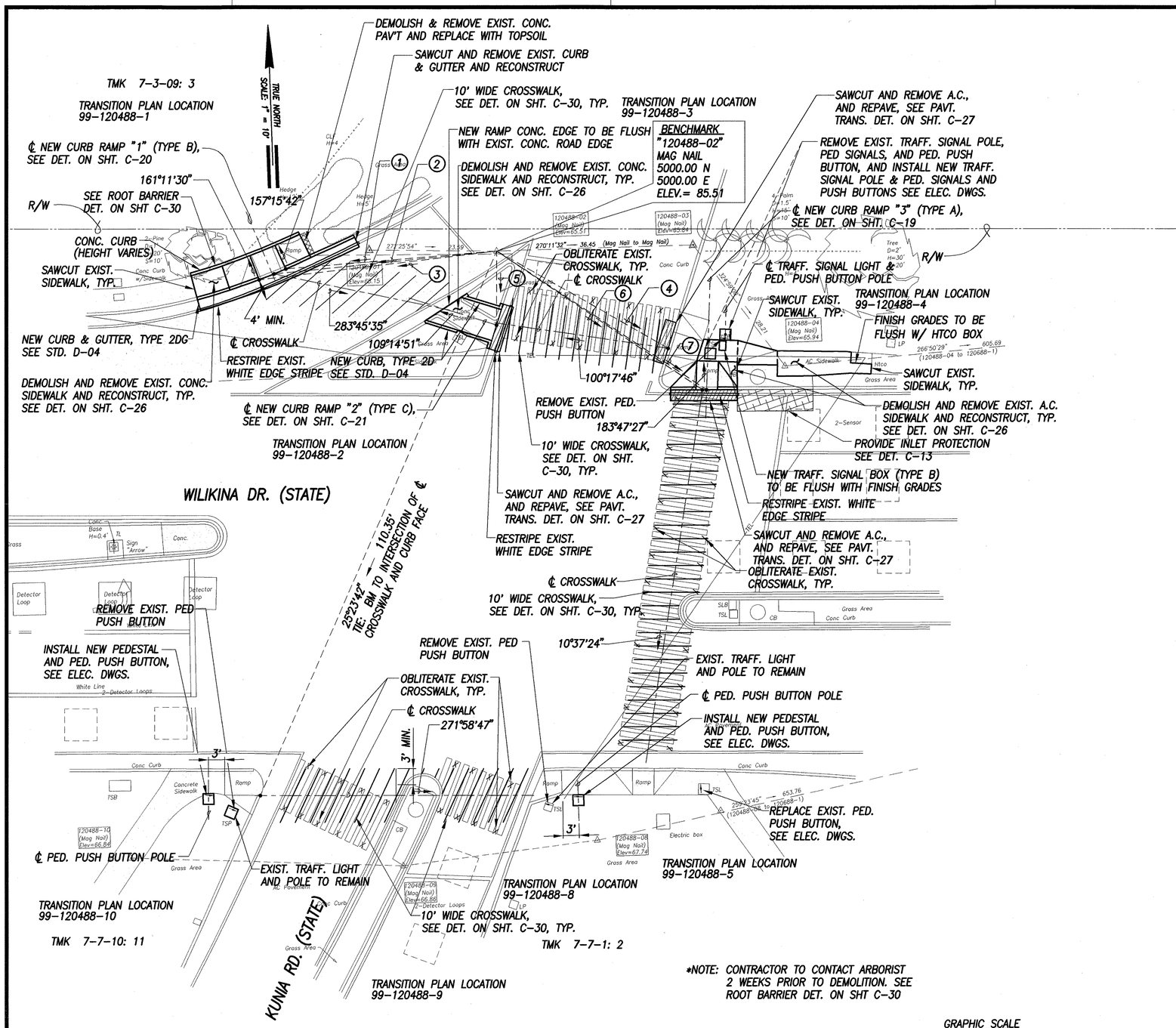
GRADING PLAN – WILIKINA DR., MACOMB RD. & EAST MACOMB RD.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-88 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	ADD. 90	153



SITE PLAN – WILIKINA DR. & KUNIA RD.
INTERS. ID NO. 99-120488
SCALE: 1" = 10'

① 87°09'33", 39.21'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 86°08'29", 41.43'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

③ 85°05'39" 44.33'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 301°33'37", 36.55'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑤ 2°10'27" 13.77'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

⑥ 306°02'23", 46.04'
TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

⑦ 305°3'11" 46.68'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

DATE	REVISION
9/16/04	ADD. 1 – REVISED CROSSWALKS STRIPING AND DELETED DARKENED TSB BOX

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

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SIGNATURE 4/23/04 DATE April 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
WILIKINA DR. & KUNIA RD.
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

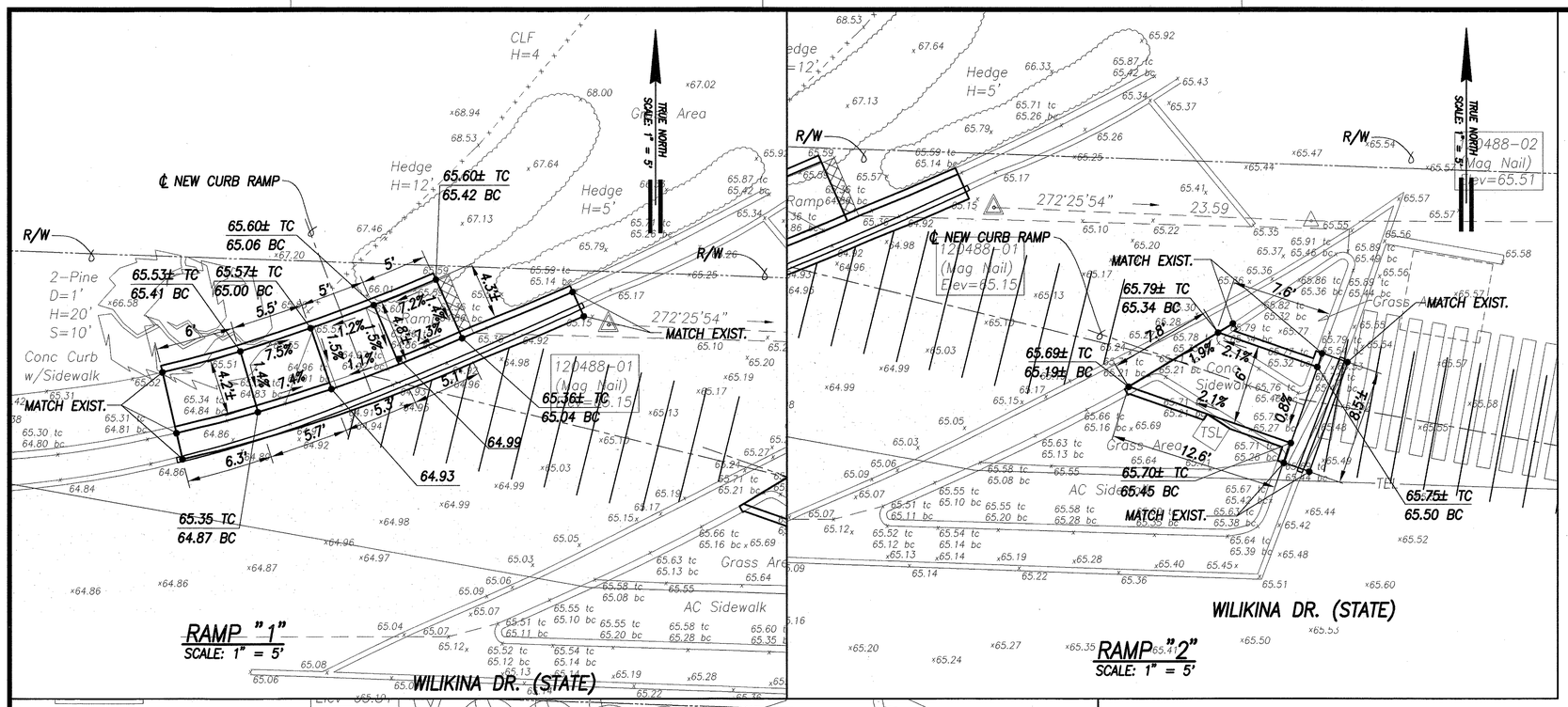
Scale: 1" = 10'-0" Date: August 2004

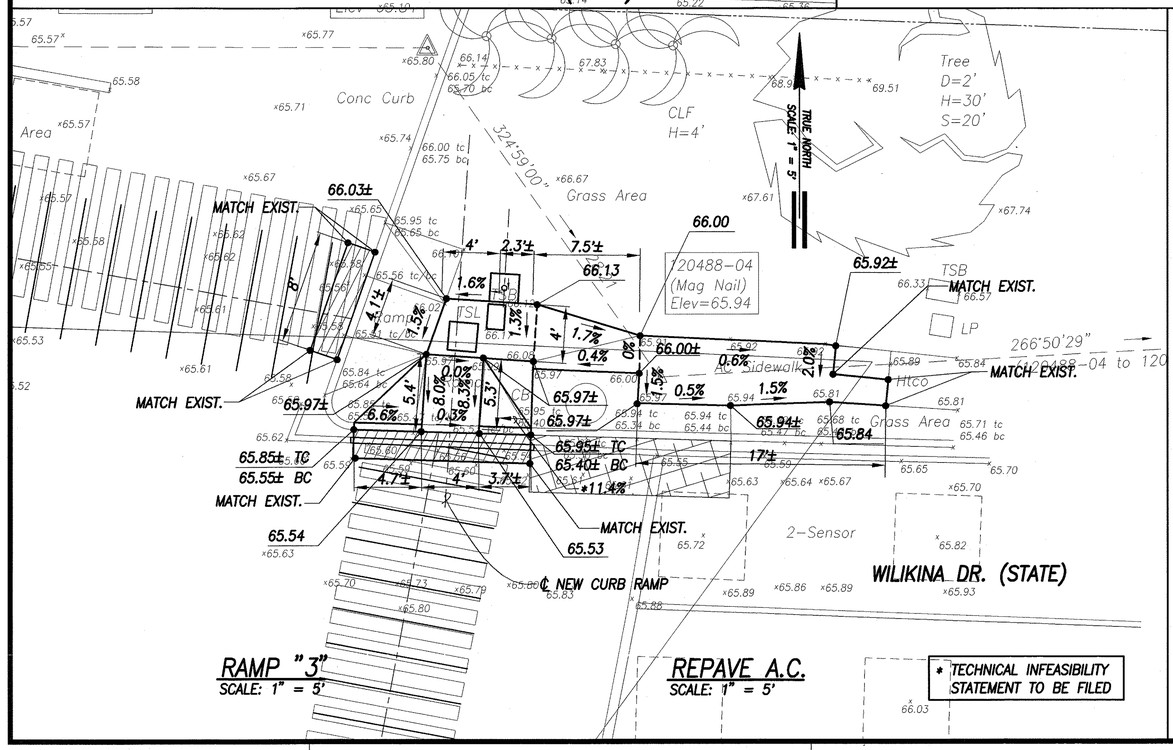
SHEET No. C-89 OF 153 SHEETS

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

ADD. 90

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	91	153





LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – WILIKINA DR. & KUNIA RD.
INTERS. ID NO. 99-120488
SCALE: 1" = 5'

GRAPHIC SCALE

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
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SIGNATURE April 30, 2006 DATE

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
WILIKINA DR. & KUNIA RD.

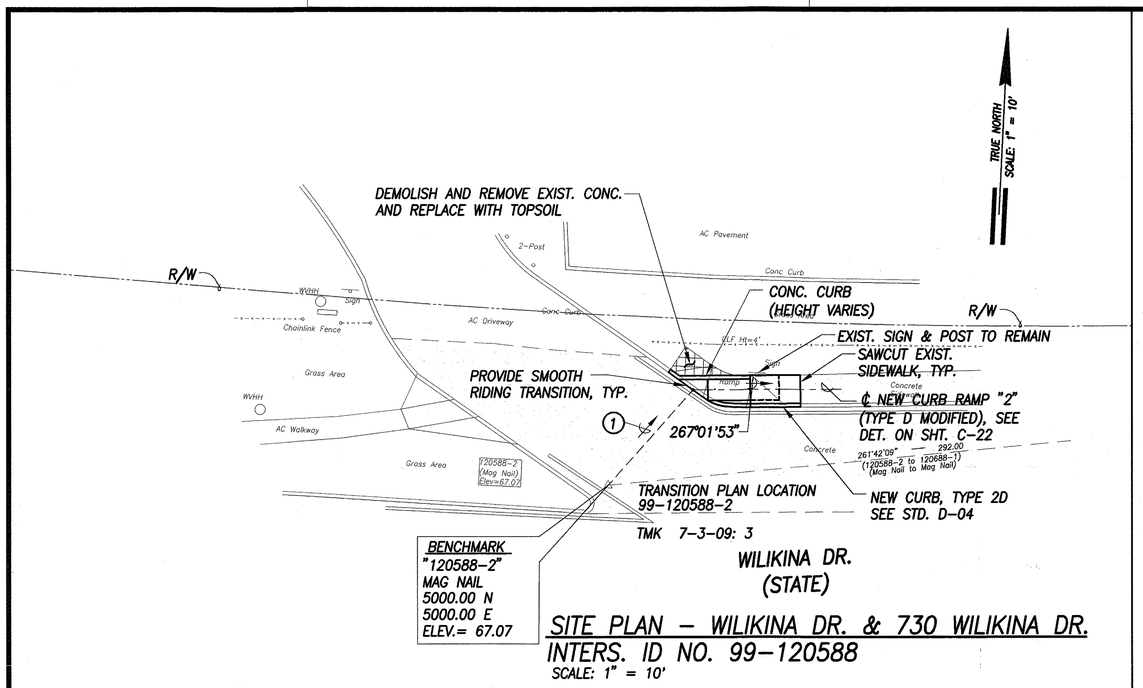
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-90 OF 153 SHEETS

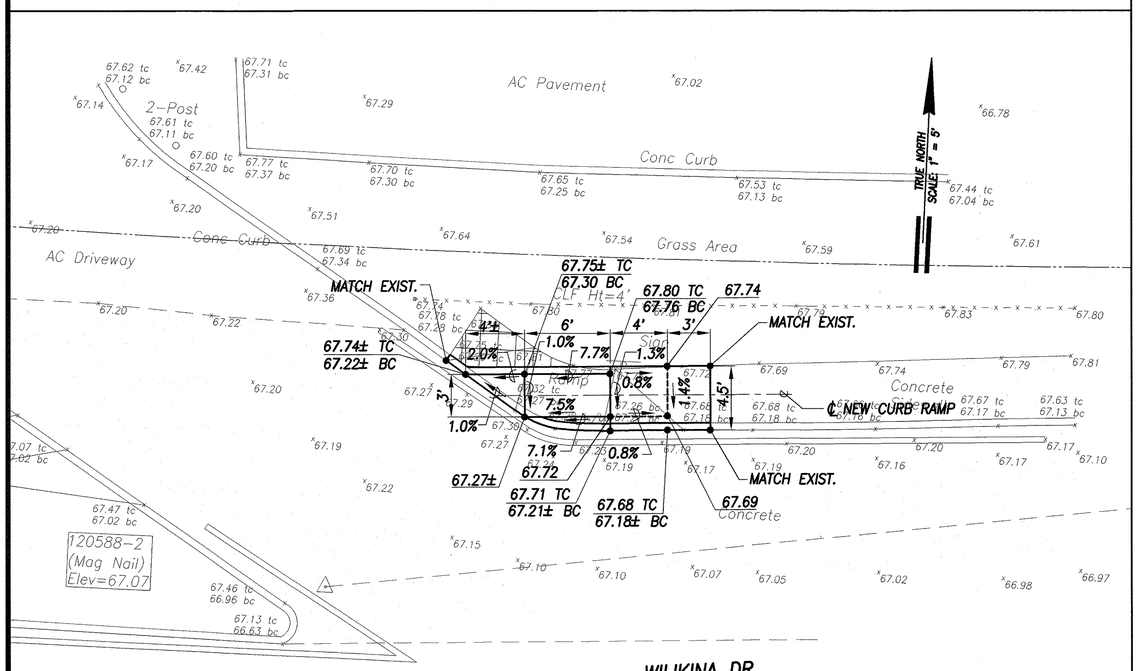
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	
NOTE BOOK	TRACED BY	
	DESIGNED BY	
No.	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	92	153



SITE PLAN – WILIKINA DR. & 730 WILIKINA DR.
INTERS. ID NO. 99-120588
SCALE: 1" = 10'

(1) 218°45'55" 17.89'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE



GRADING PLAN – WILIKINA DR. & 730 WILIKINA DR.
INTERS. ID NO. 99-120588
SCALE: 1" = 5'

RAMP "2"
SCALE: 1" = 5'

LEGEND

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

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

GREG H. HIYAKUMOTO LICENSED PROFESSIONAL ENGINEER No. 6662-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
WILIKINA DR. & 730 WILIKINA DR.

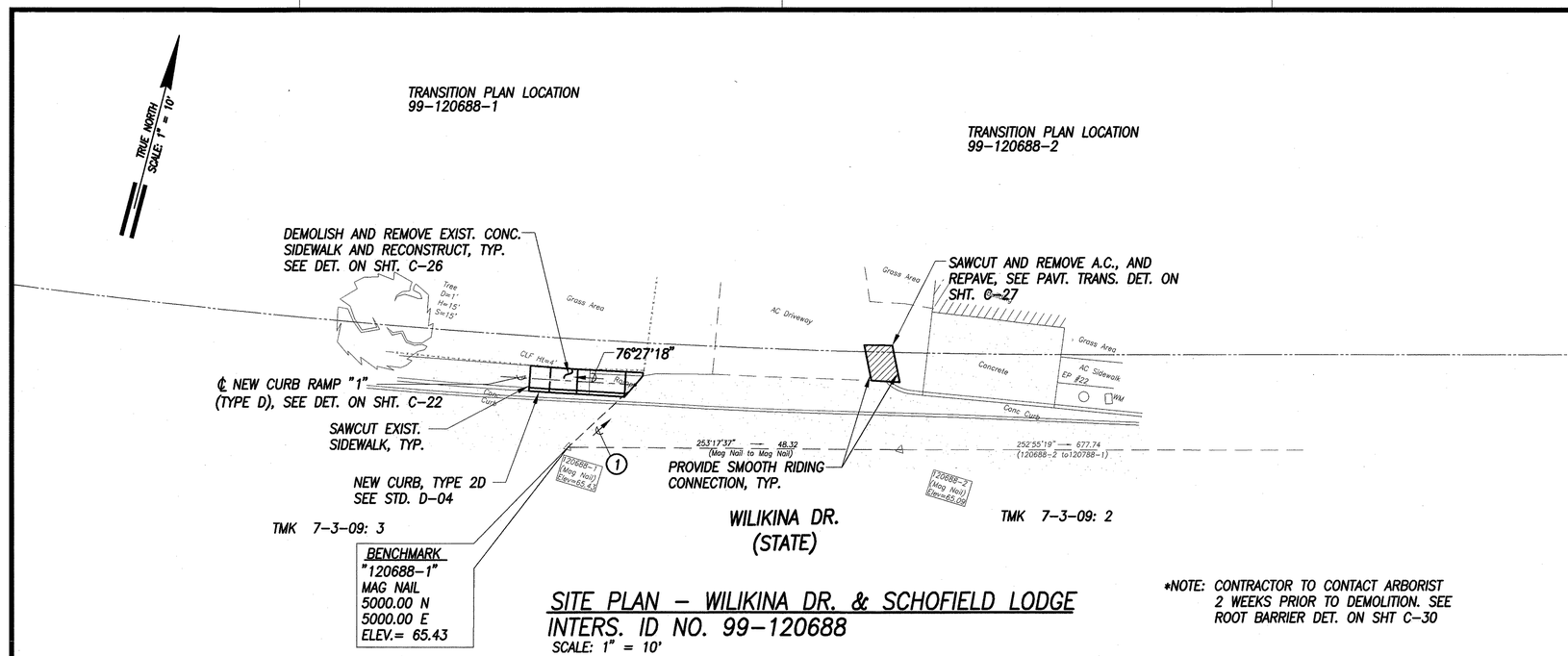
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-91 OF 153 SHEETS

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

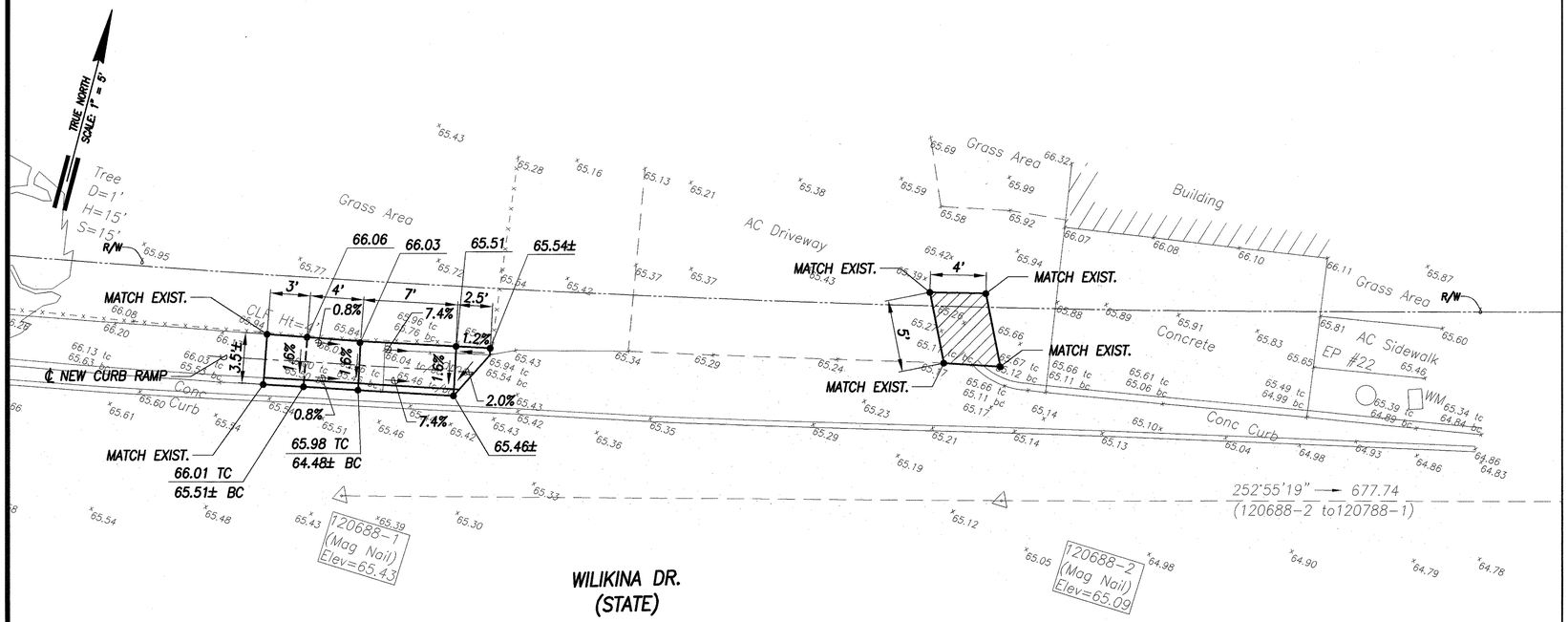
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	93	153



SITE PLAN – WILIKINA DR. & SCHOFIELD LODGE
INTERS. ID NO. 99-120688
SCALE: 1" = 10'

*NOTE: CONTRACTOR TO CONTACT ARBORIST 2 WEEKS PRIOR TO DEMOLITION. SEE ROOT BARRIER DET. ON SHT C-30

(1) 209°49'46" 13.32'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE



RAMP "1"
SCALE: 1" = 5'

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

LEGEND

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

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

GREG H. HIYAKUMOTO
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
WILIKINA DR. & SCHOFIELD LODGE

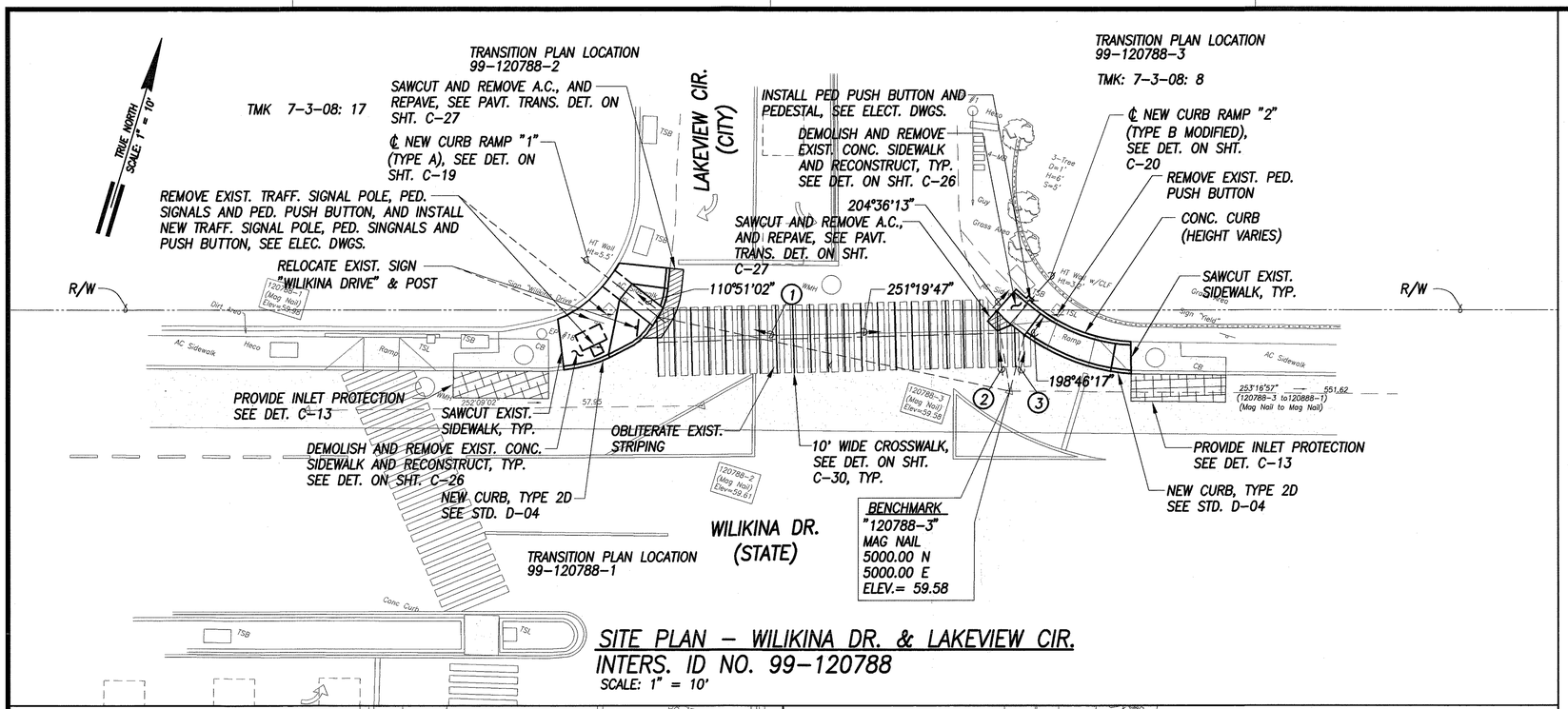
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-92 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	94	153

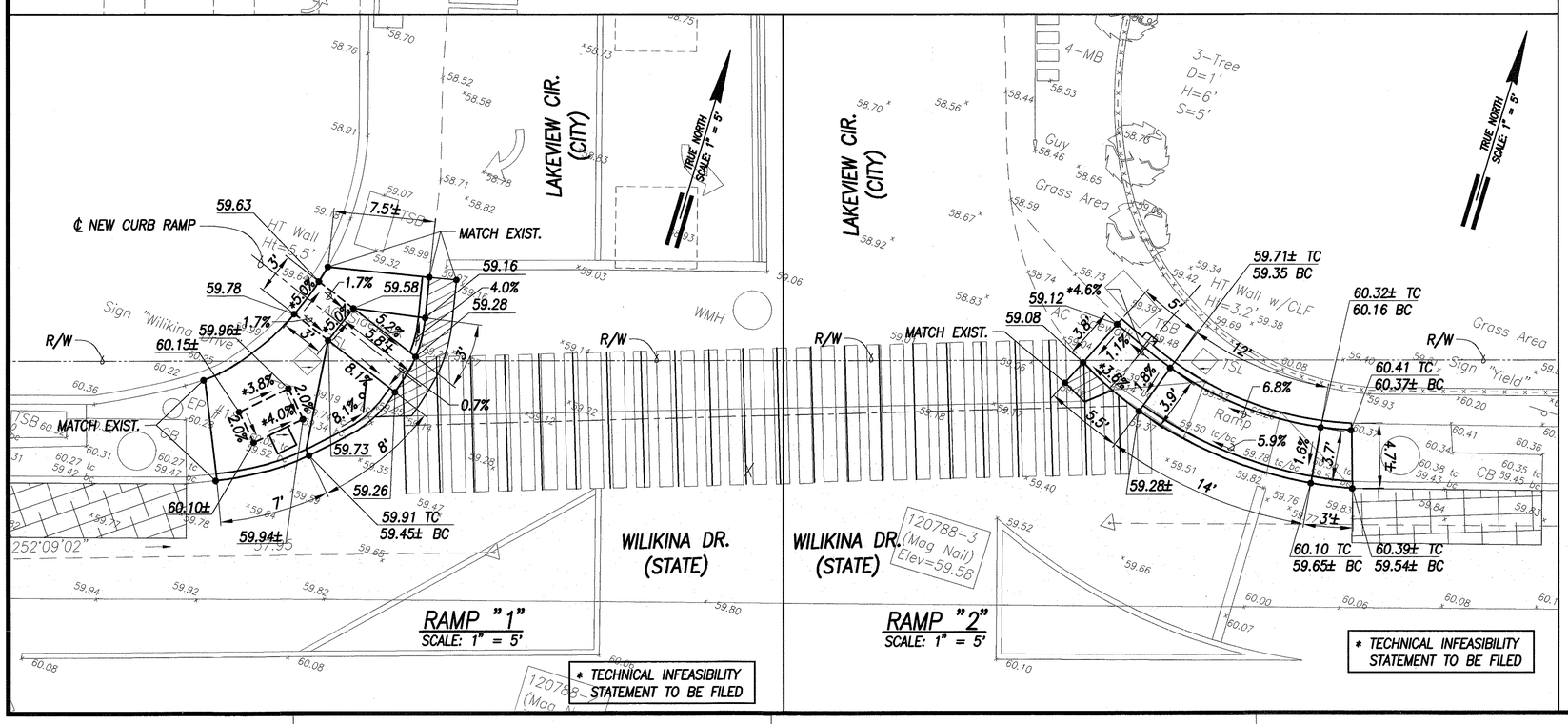


SITE PLAN – WILIKINA DR. & LAKEVIEW CIR.
INTERS. ID NO. 99-120788
SCALE: 1" = 10'

(1) 84°47'12" 52.79'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

(2) 153°36'43" 11.99'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 177°37'24" 8.53'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE



LEGEND

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

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

GREG H. HIYAKUMOTO LICENSED PROFESSIONAL ENGINEER No. 6662-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
WILIKINA DR. & LAKEVIEW CIR.

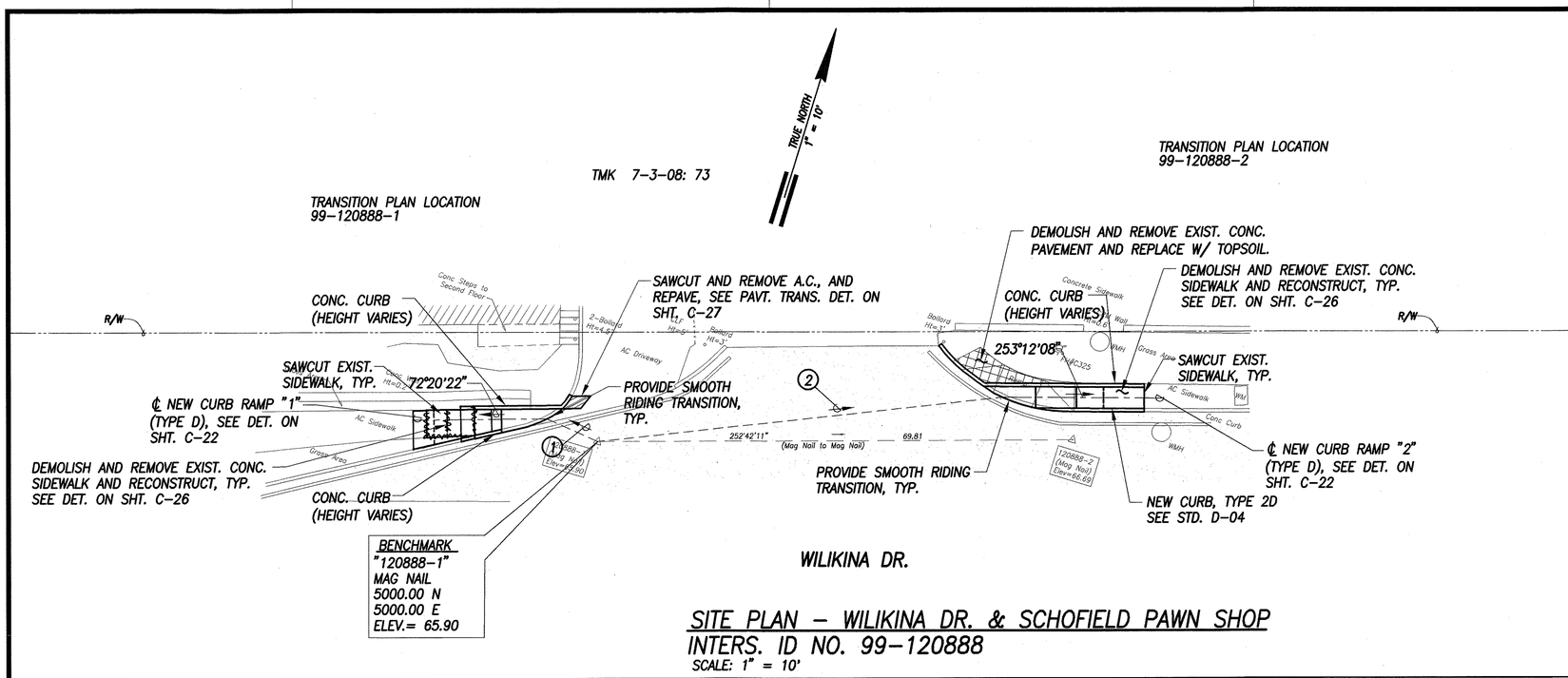
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-93 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	95	153



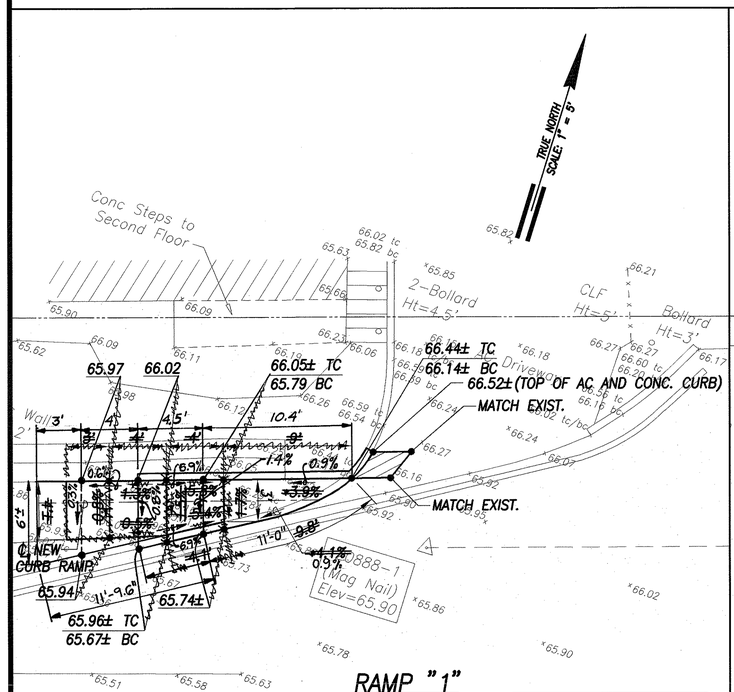
SITE PLAN – WILIKINA DR. & SCHOFIELD PAWN SHOP

INTERS. ID NO. 99-120888

SCALE: 1" = 10'

(1) 97°09'23" 8.20'
TIE: BM TO INTERSECTION ℄ OF RAMP AND CURB FACE

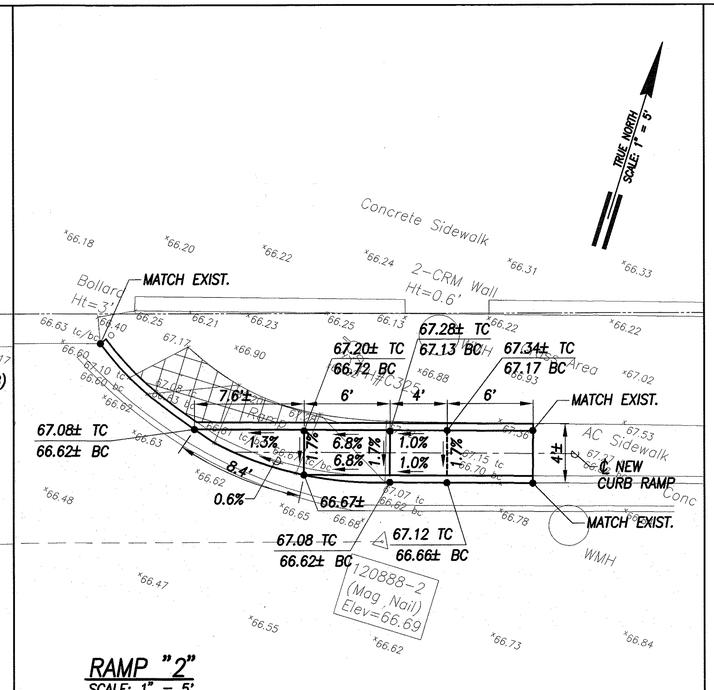
(2) 246°37'33" 59.81'
TIE: BM TO INTERSECTION ℄ OF RAMP AND CURB FACE



RAMP "1"

SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"

SCALE: 1" = 5'

GRAPHIC SCALES

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

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

LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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, STANDARDS OF PRACTICE".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
WILIKINA DR. & SCHOFIELD PAWN SHOP

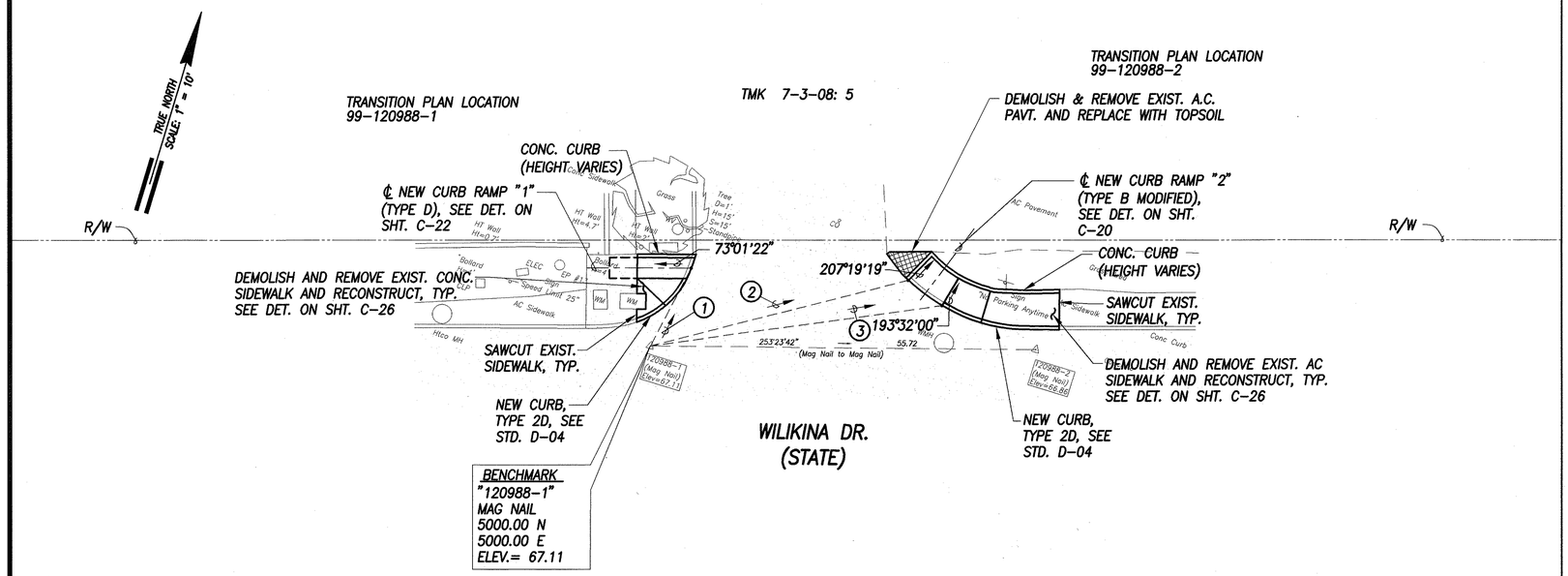
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-94 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	96	153

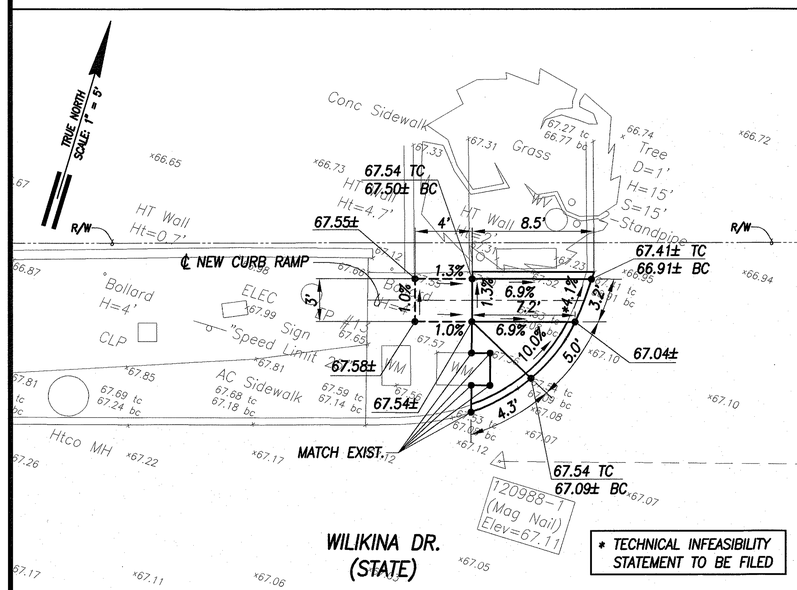


SITE PLAN – WILIKINA DR. & WILIKINA PARK
INTERS. ID NO. 99-120988
SCALE: 1" = 10'

(1) 190°31'01" 12.71'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

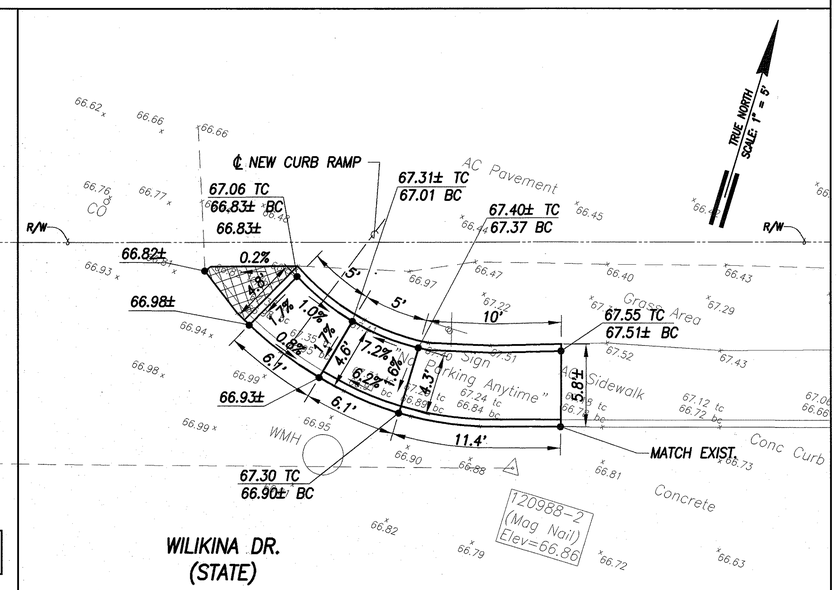
(2) 238°31'30" 38.52'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

(3) 244°57'10" 42.60'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE



* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "1"
SCALE: 1" = 5'



RAMP "2"
SCALE: 1" = 5'

LEGEND

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

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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
WILIKINA DR. & WILIKINA PARK

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-95 OF 153 SHEETS

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

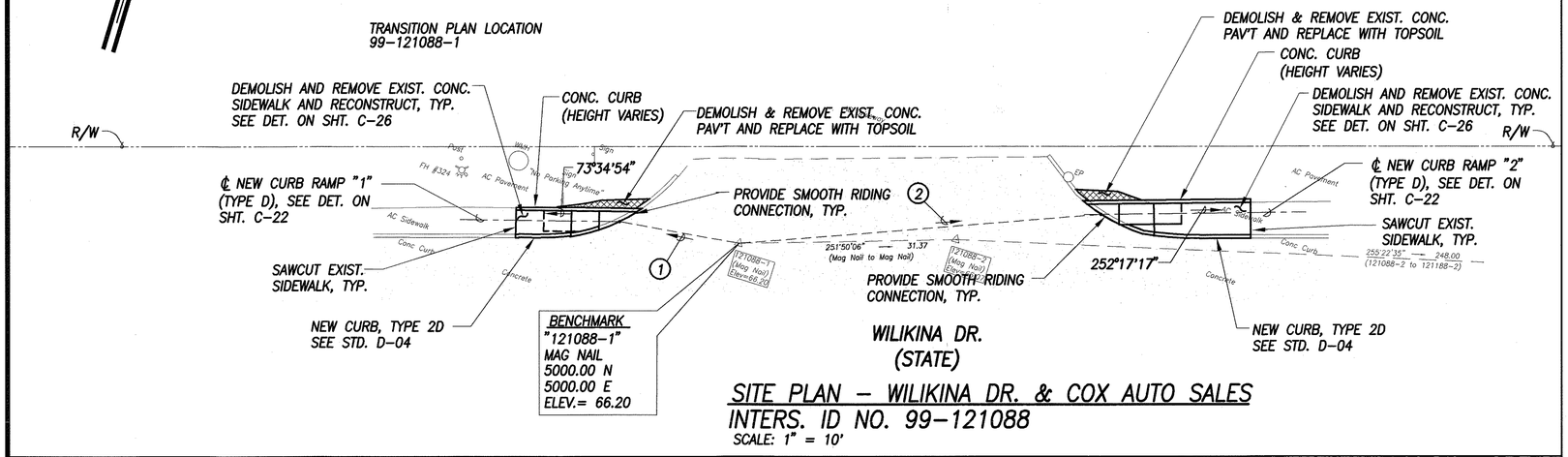
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	97	153

TRUE NORTH
SCALE: 1" = 10'

TMK 7-3-08: 4

TRANSITION PLAN LOCATION
99-121088-1

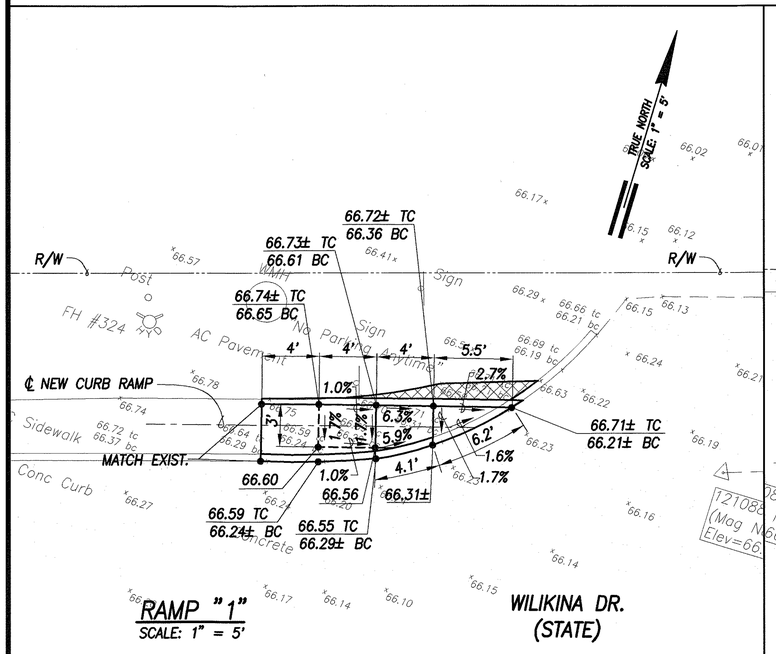
TRANSITION PLAN LOCATION
99-121088-2



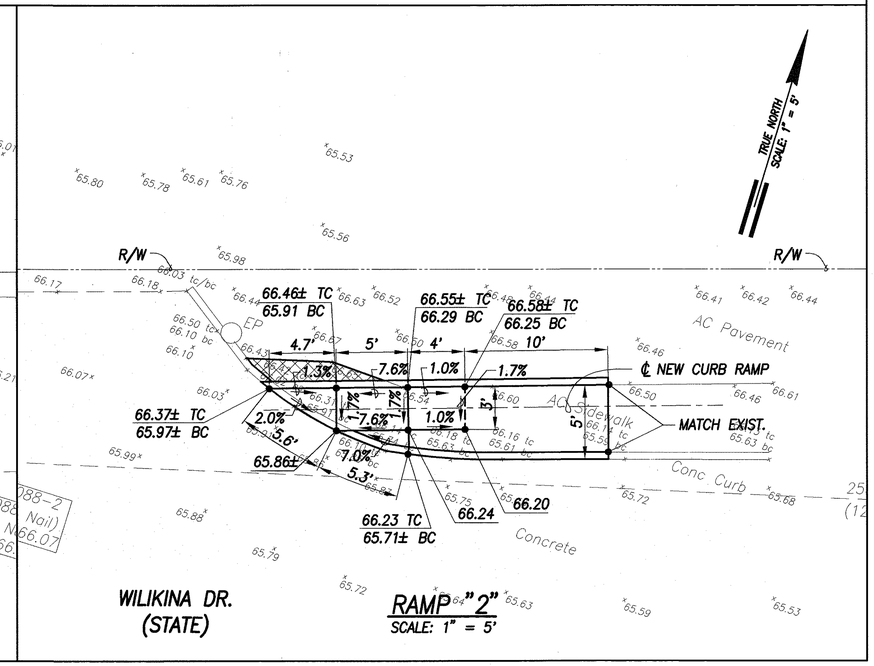
SITE PLAN – WILIKINA DR. & COX AUTO SALES
INTERS. ID NO. 99-121088
SCALE: 1" = 10'

① 83°14'53" 17.56'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 248°15'33" 52.46'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE



RAMP "1"
SCALE: 1" = 5'



RAMP "2"
SCALE: 1" = 5'

GRADING PLAN – WILIKINA DR. & COX AUTO SALES
INTERS. ID NO. 99-121088
SCALE: 1" = 5'

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	

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

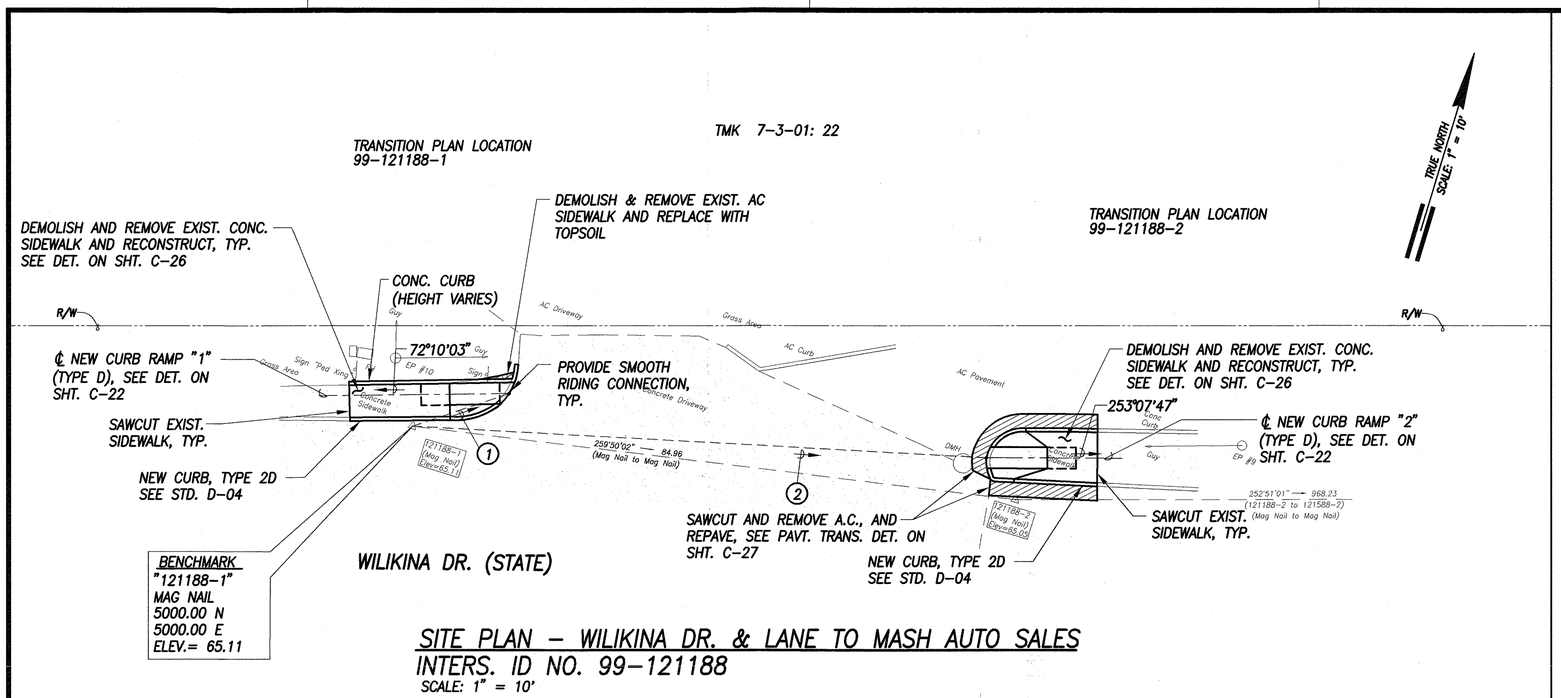
SITE & GRADING PLAN
WILIKINA DR. & COX AUTO SALES

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-96 OF 153 SHEETS

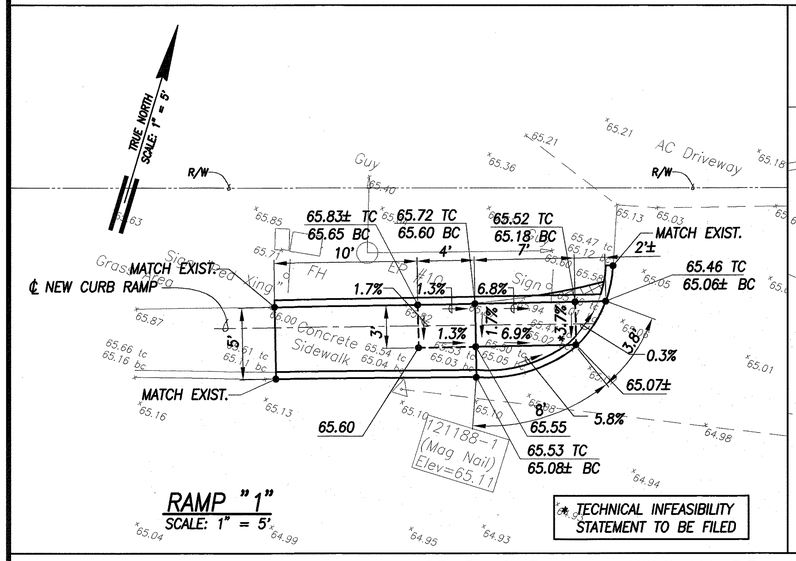
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	98	153



SITE PLAN – WILIKINA DR. & LANE TO MASH AUTO SALES
INTERS. ID NO. 99-121188
SCALE: 1" = 10'

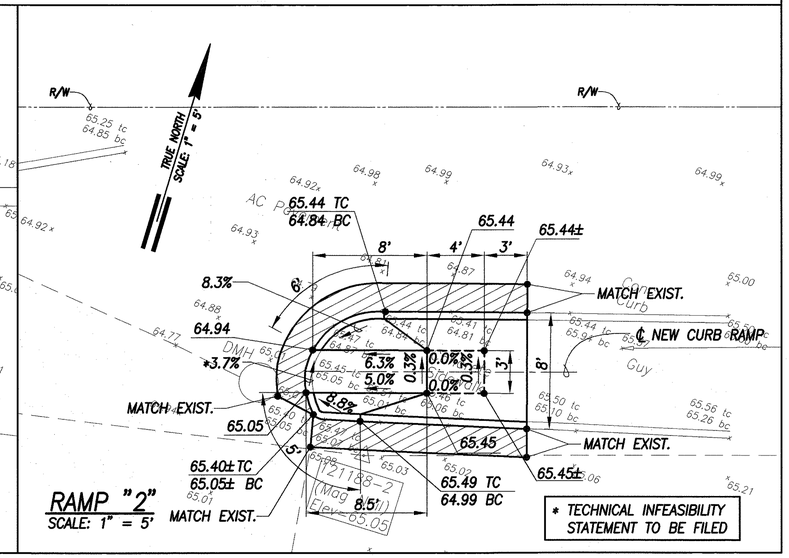
① 234°06'57" 14.25'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

② 255°59'43" 80.35'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE



RAMP "1"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



RAMP "2"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRADING PLAN – WILIKINA DR. & LANE TO MASH AUTO SALES
INTERS. ID NO. 99-121188
SCALE: 1" = 5'

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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
WILIKINA DR. & LANE TO MASH AUTO SALES

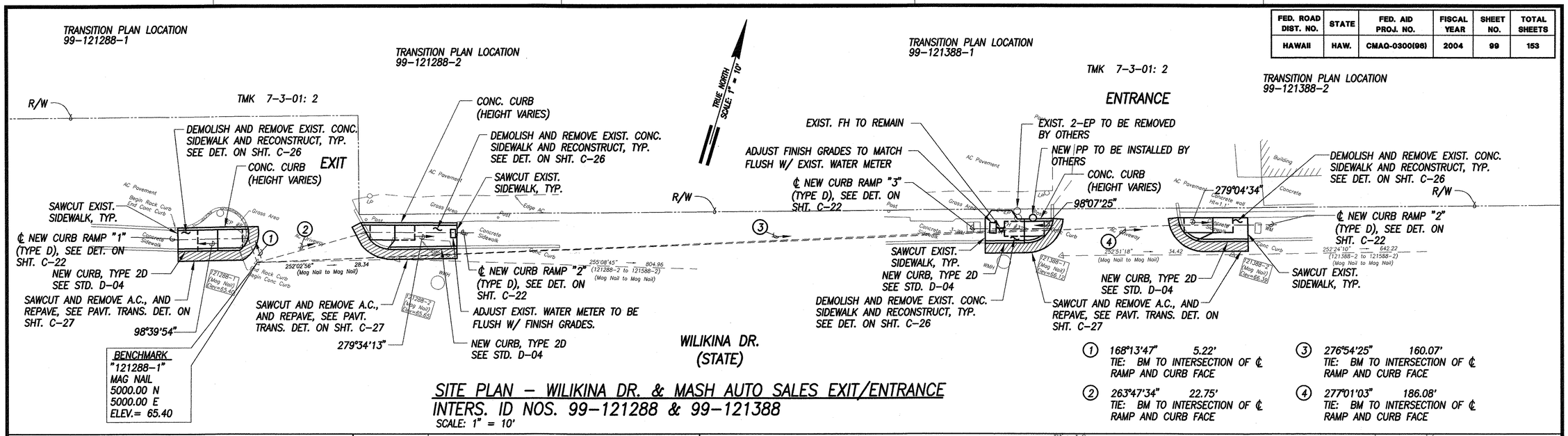
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

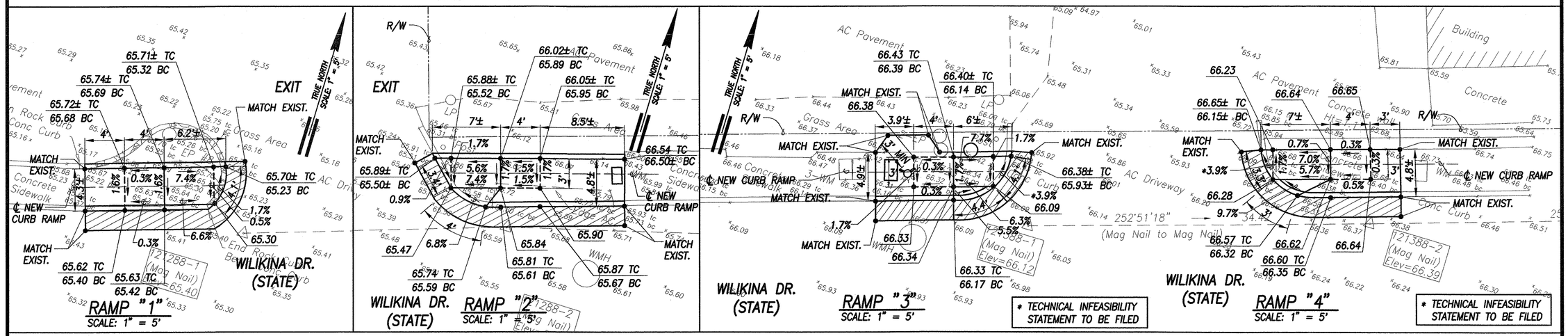
SHEET No. C-97 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	99	153



SITE PLAN – WILIKINA DR. & MASH AUTO SALES EXIT/ENTRANCE
INTERS. ID NOS. 99-121288 & 99-121388
SCALE: 1" = 10'



GRADING PLAN – WILIKINA DR. & MASH AUTO SALES EXIT/ENTRANCE
INTERS. ID NOS. 99-121288 & 99-121388
SCALE: 1" = 5'

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

LEGEND

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

Joseph W. Kachan — Principal Executive Maintenance Unit, BWS — 6/24/04 Date

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

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SIGNATURE — April 30, 2006 DATE

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GRAPHIC SCALES

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

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

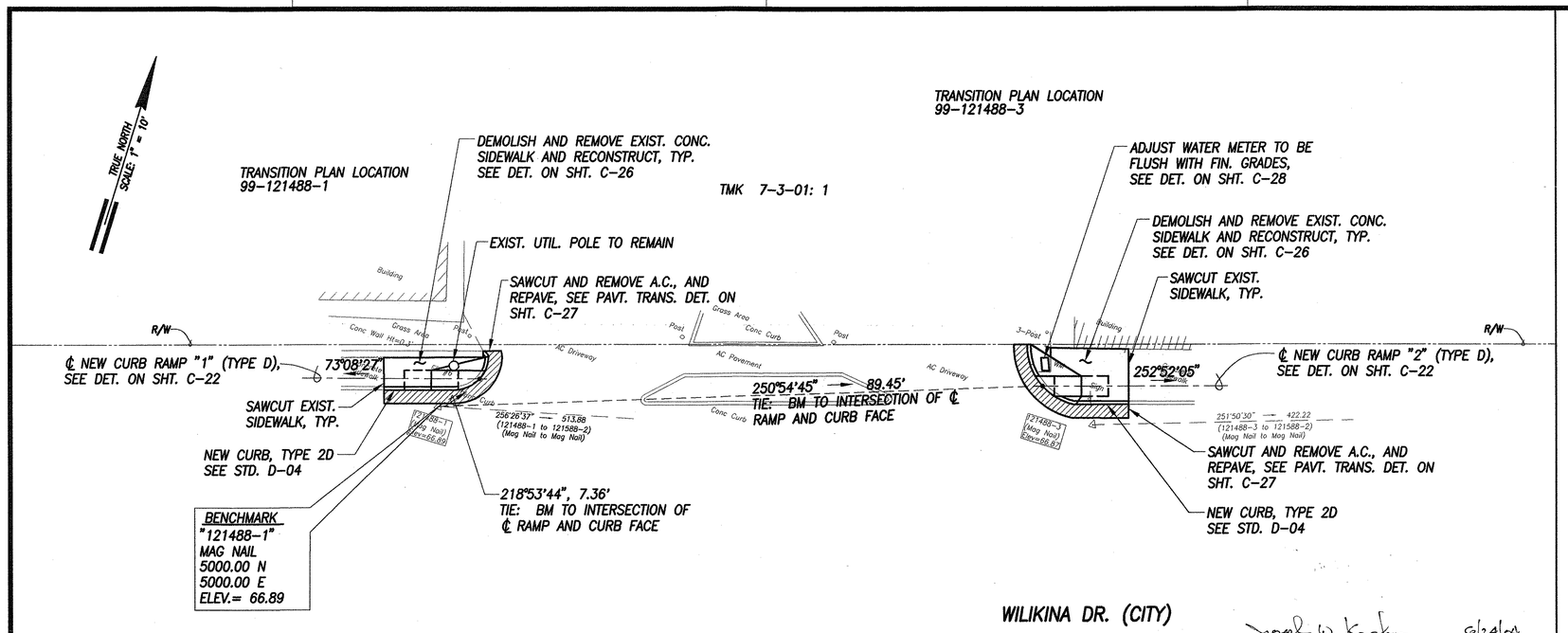
SITE & GRADING PLAN
WILIKINA DR. & MASH AUTO SALES EXIT/ENTRANCE

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN — Date: August 2004

SHEET No. C-98 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	100	153



WILIKINA DR. (CITY)

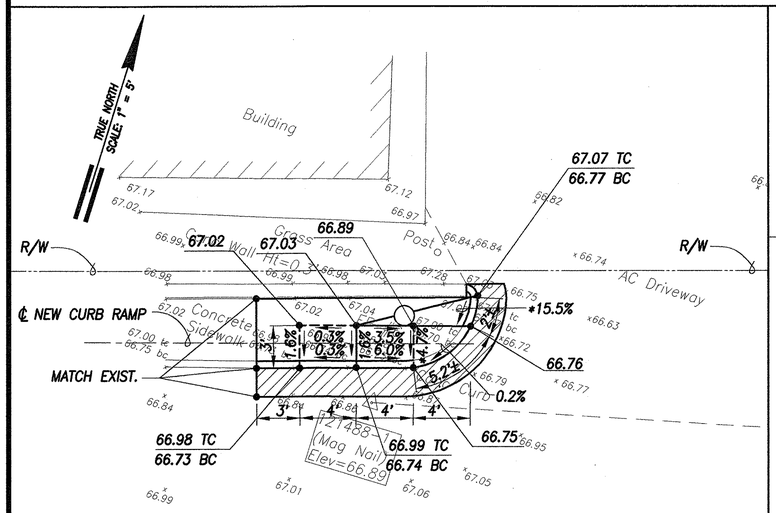
Joseph W Kachsm 6/24/04
Principal Executive Maintenance Unit, BWS — Date

SITE PLAN – WILIKINA DR. & BUBBA BORDERS SALOON
INTERS. ID NO. 99-121488
SCALE: 1" = 10'

LEGEND

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

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

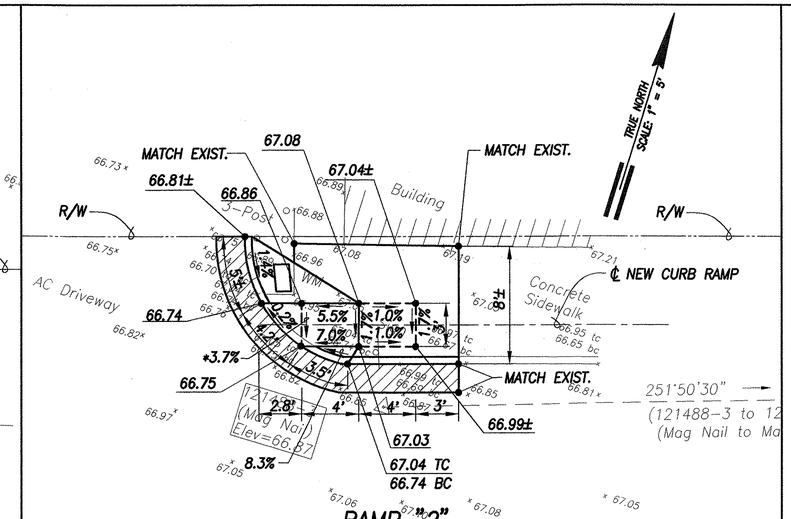


* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "1"
SCALE: 1" = 5'

WILIKINA DR. (CITY)

GRADING PLAN – WILIKINA DR. & BUBBA BORDERS SALOON
INTERS. ID NO. 99-121488
SCALE: 1" = 5'



* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

RAMP "2"
SCALE: 1" = 5'

WILIKINA DR. (CITY)

GRADING PLAN – WILIKINA DR. & BUBBA BORDERS SALOON
INTERS. ID NO. 99-121488
SCALE: 1" = 5'

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

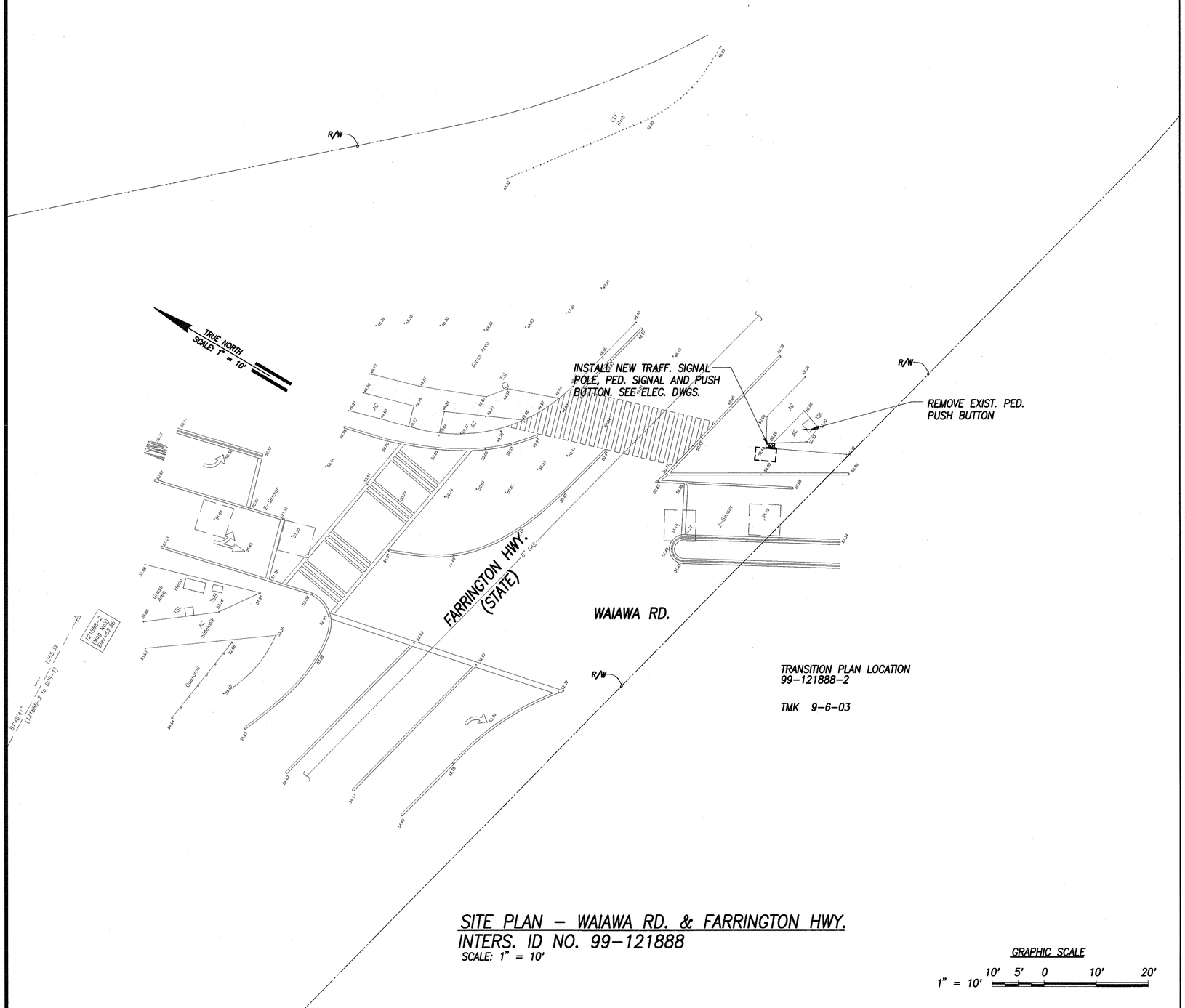
SITE & GRADING PLAN
WILIKINA DR. & BUBBA BORDERS SALOON

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN — Date: August 2004

SHEET No. C-99 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	101	153



SITE PLAN – WAIAWA RD. & FARRINGTON HWY.
INTERS. ID NO. 99-121888
SCALE: 1" = 10'

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

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

GREG H. HIYAKUMOTO
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No. 6662-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

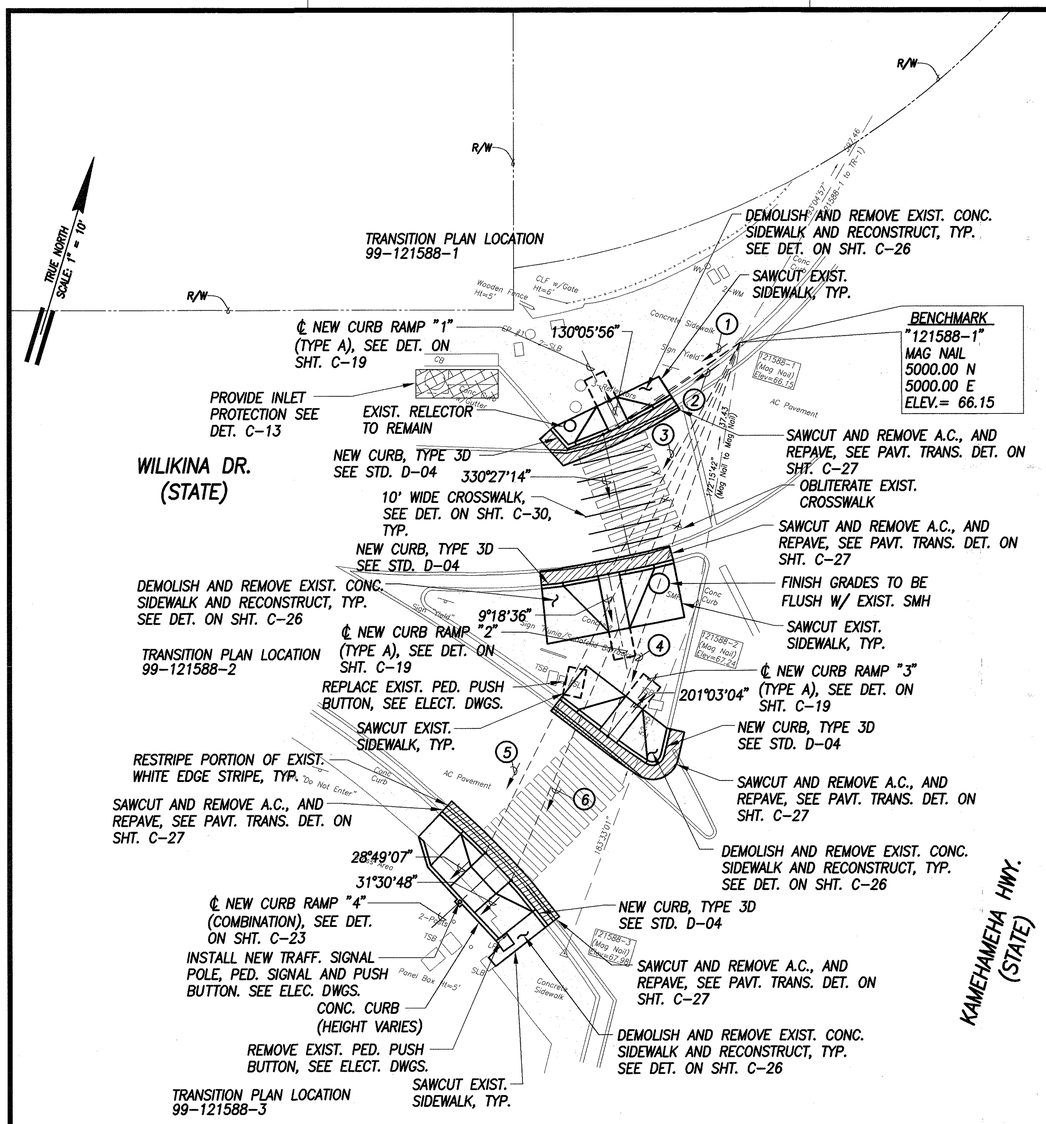
SITE PLAN
WAIAWA RD. & FARRINGTON HWY.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-100 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	102	153



SITE PLAN – WILIKINA DR. & KAMEHAMEHA HWY.
INTERS. ID NO. 99-121588
SCALE: 1" = 10'

1. 38°53'30" 23.08'
   TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE
2. 37°49'03" 20.70'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
3. 12°22'55" 37.42'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
4. 01°22'57" 58.43'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
5. 09°18'36" 80.16'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
6. 05°50'08" 82.18'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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

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

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

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SIGNATURE 11/1/04 DATE April 30, 2006

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

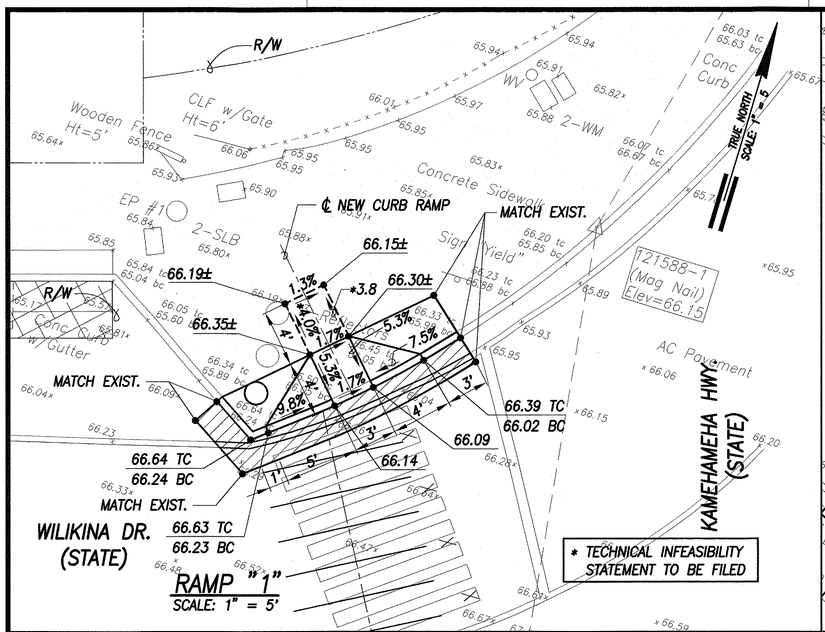
SITE PLAN – WILIKINA DR. & KAMEHAMEHA HWY. – 1

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

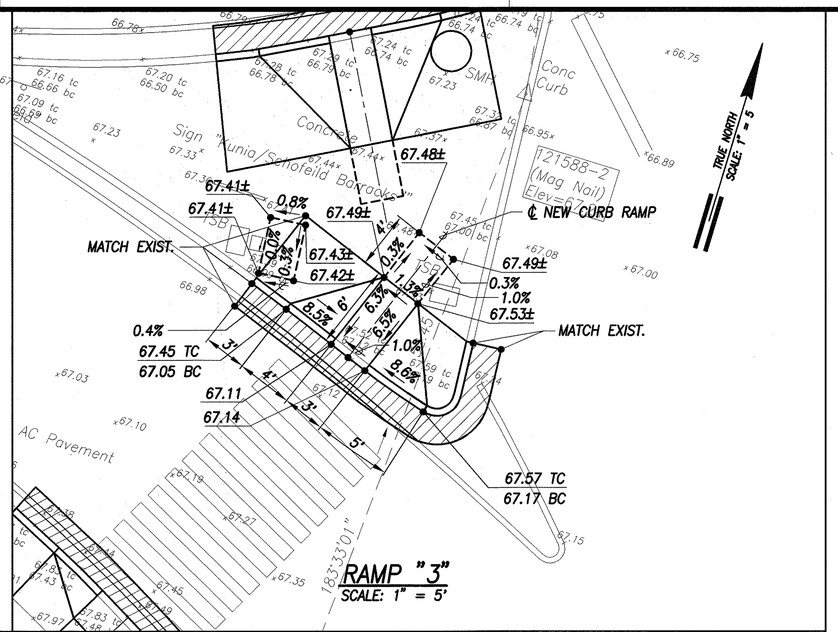
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-101 OF 153 SHEETS

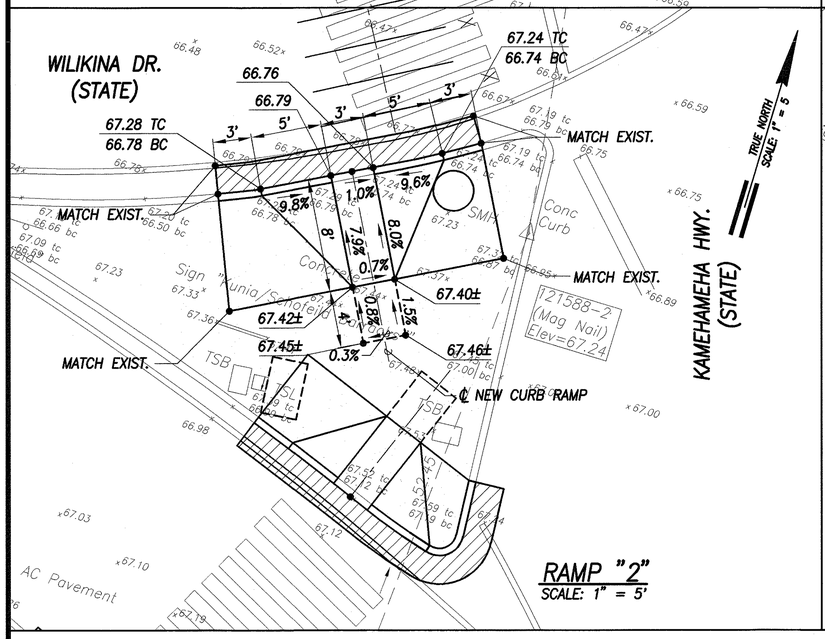
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	103	153



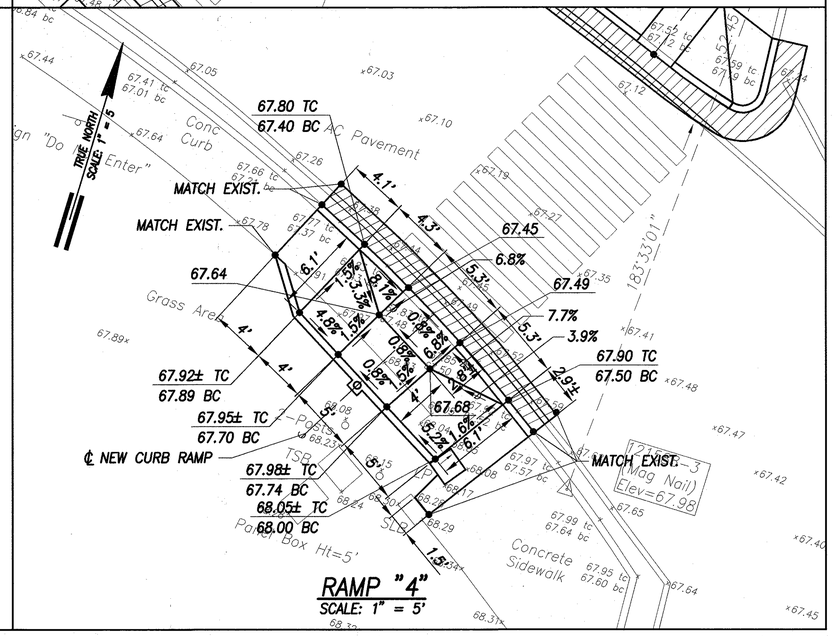
RAMP "1"
SCALE: 1" = 5'



RAMP "3"
SCALE: 1" = 5'



RAMP "2"
SCALE: 1" = 5'



RAMP "4"
SCALE: 1" = 5'

LEGEND

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

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

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

GRADING PLAN – WILIKINA DR. & KAMEHAMEHA HWY.

INTERS. ID NO. 99-121588
SCALE: 1" = 5'

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

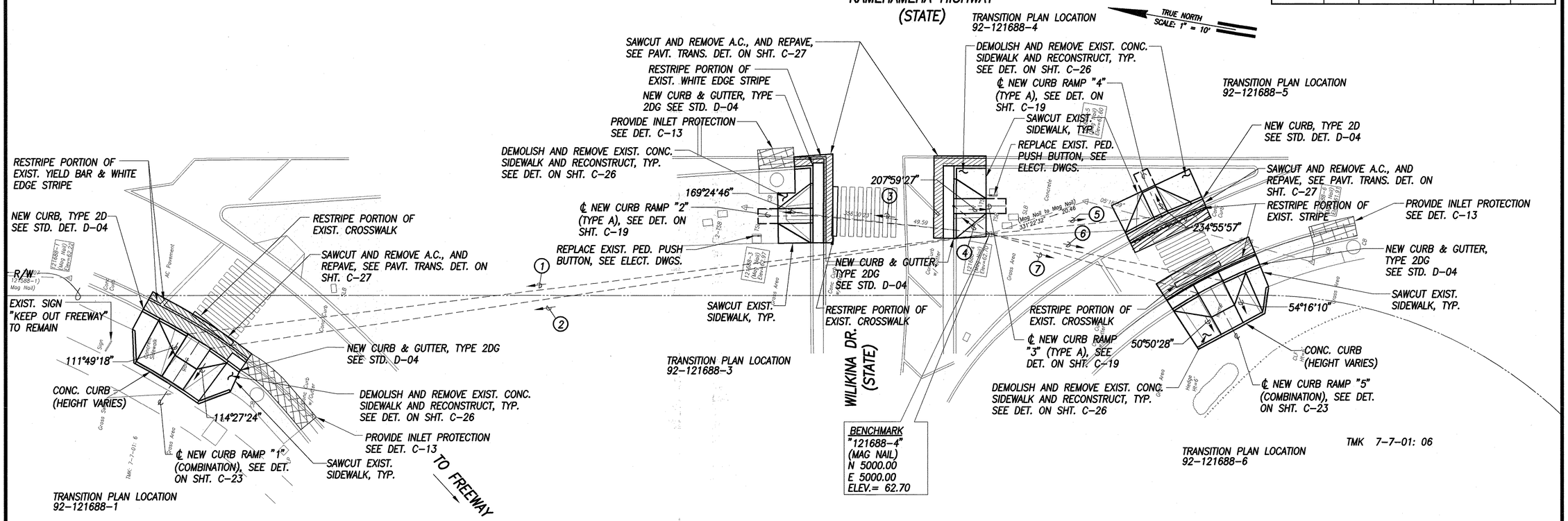
GRADING PLAN – WILIKINA DR. & KAMEHAMEHA HWY. – 1

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-102 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	104	153



SITE PLAN – WILIKINA DR. & KAMEHAMEHA HWY. – 2

INTERS. ID NO. 99-121688

SCALE: 1" = 10'

1. 163°02'17" 162.73'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
2. 161°46'12" 158.60'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
3. 176°11'48" 35.79'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
4. 207°59'27" 9.16'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
5. 344°20'44" 34.79'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
6. 01°37'56" 47.87'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
7. 06°14'50" 43.69'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

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'

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

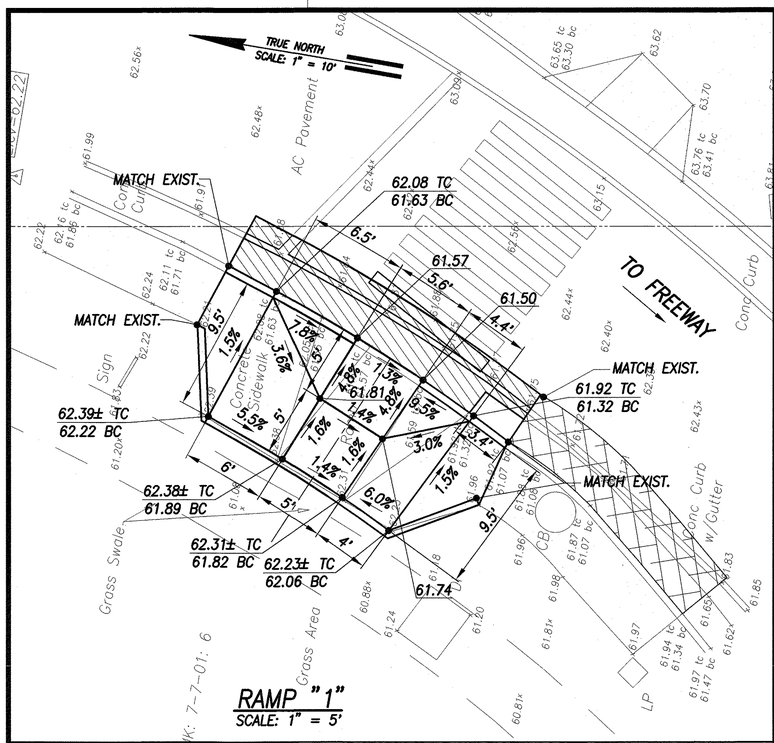
SITE PLAN – WILIKINA DR. & KAMEHAMEHA HWY. – 2

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

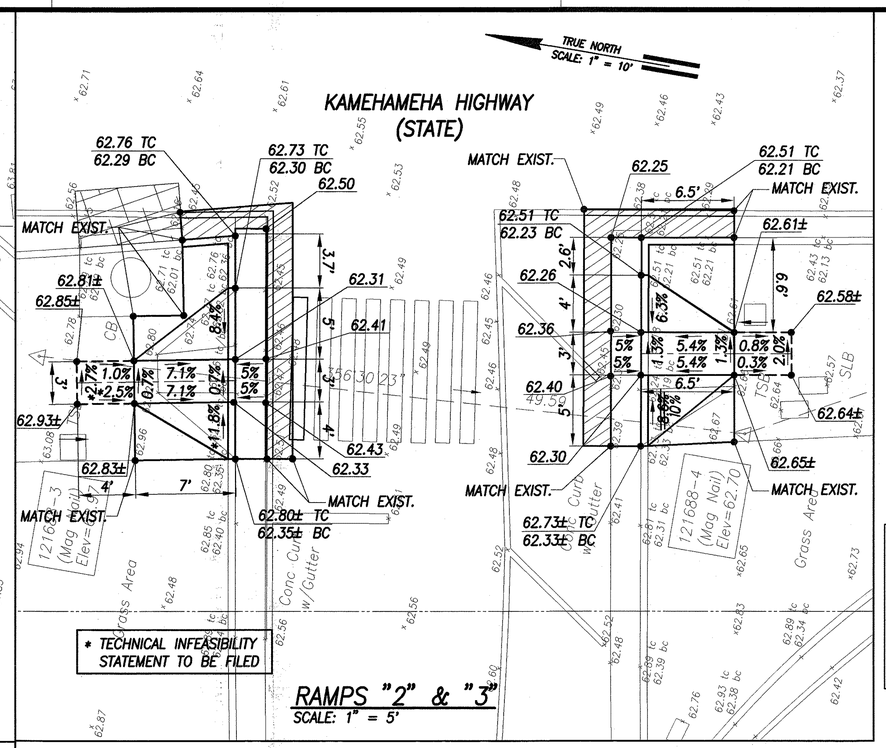
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-103 OF 153 SHEETS

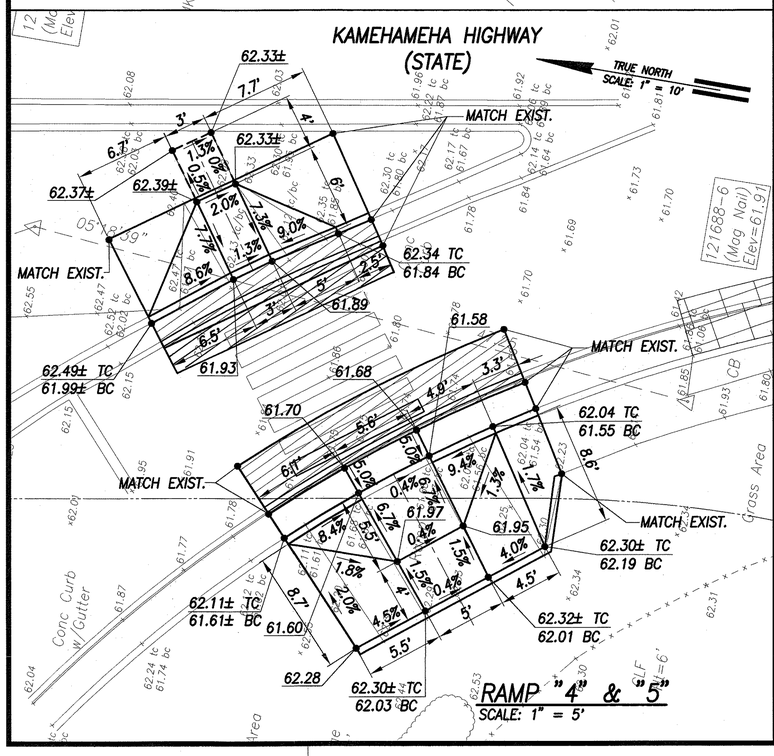
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	105	153



RAMP "1"
SCALE: 1" = 5'



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



RAMP "4" & "5"
SCALE: 1" = 5'

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

LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – WILIKINA DR. & KAMEHAMEHA HWY. – 2

INTERS. ID NO. 99–121688

SCALE: 1" = 5'

GRAPHIC SCALE

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

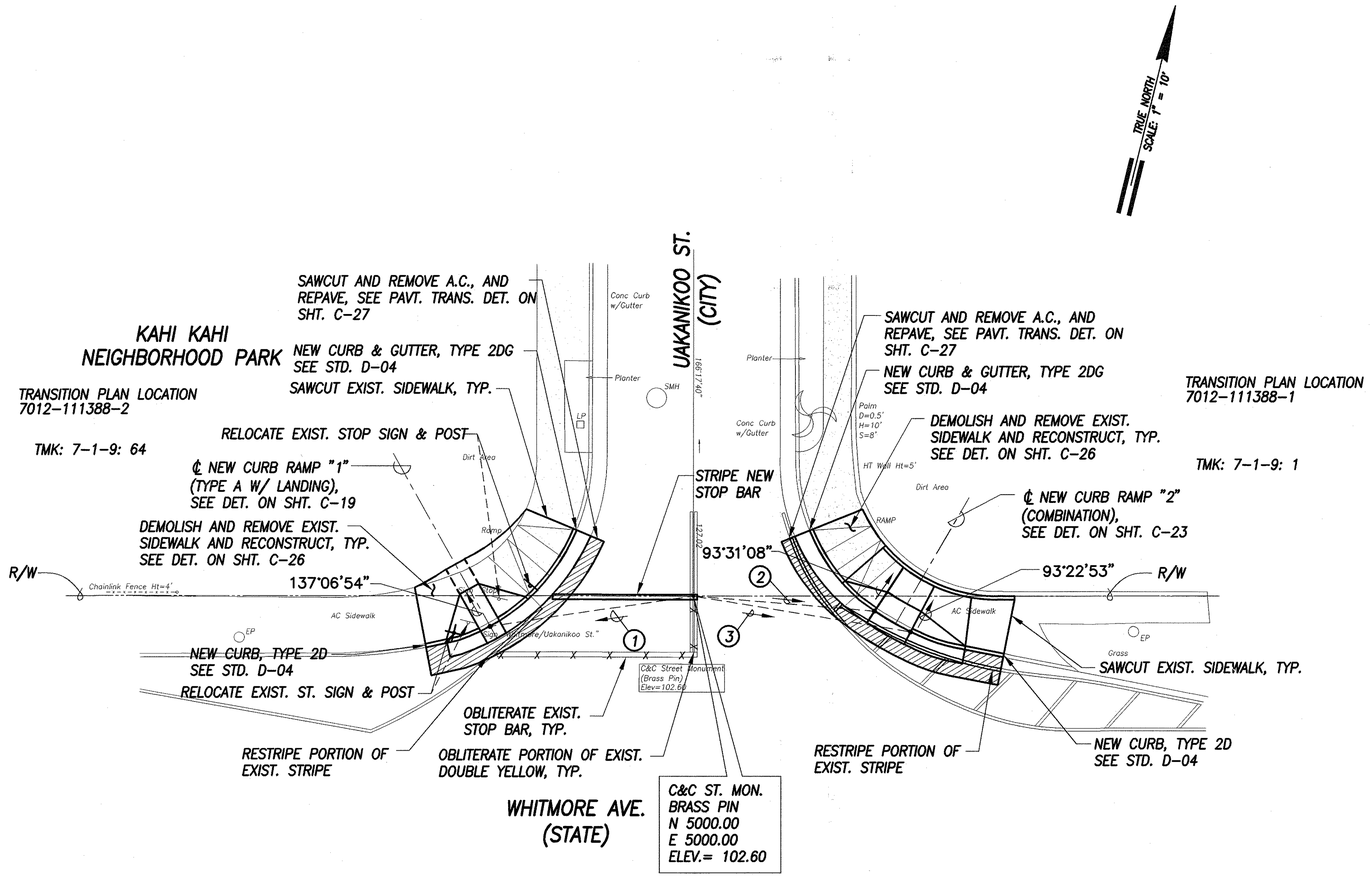
GRADING PLAN – WILIKINA DR. & KAMEHAMEHA HWY. – 2

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-104 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	106	153



1. 67°38'21" 28.75'
TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE

2. 261°07'01" 25.42'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

3. 265°45'29" 30.80'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

SITE PLAN – WHITMORE AVE. & UKANIKOO ST.
INTERS. ID NO. 7012-111388
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	

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

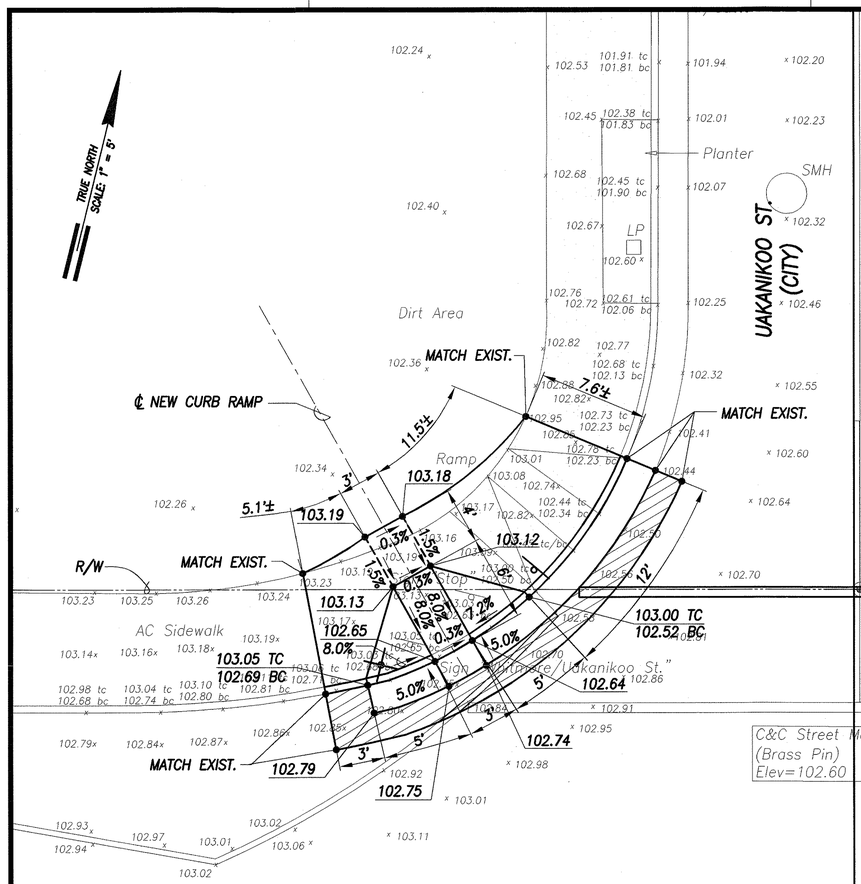
SITE PLAN
WHITMORE AVE & UAKANIKOO ST.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

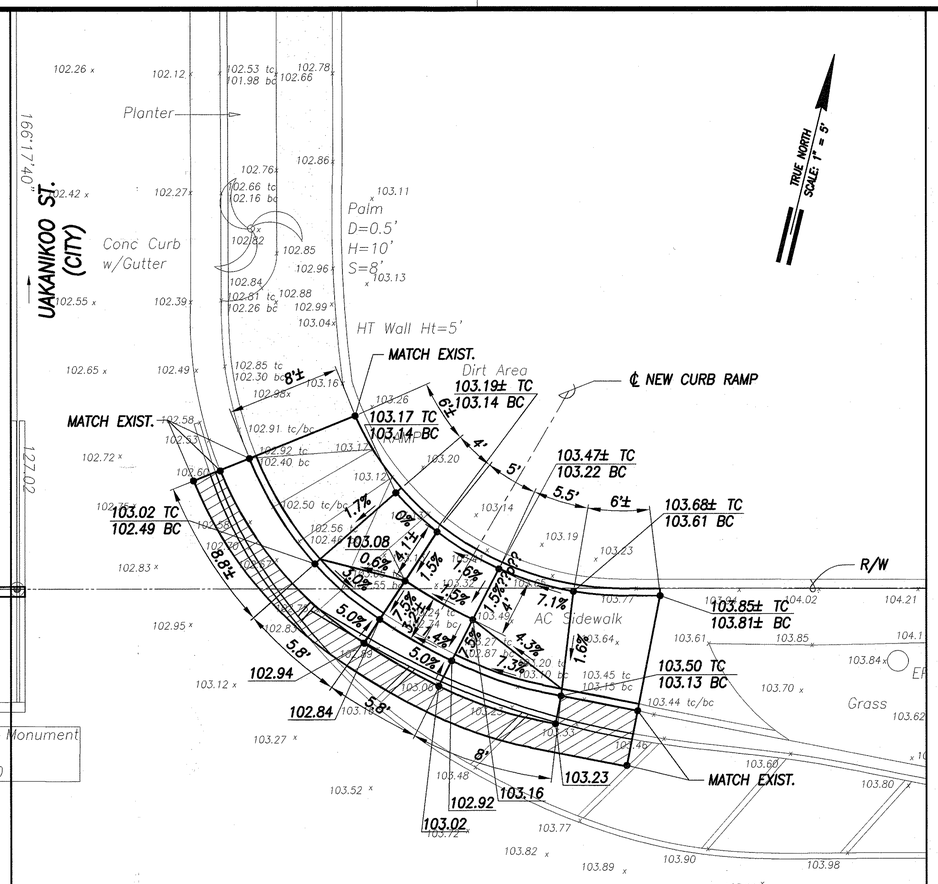
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-105 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	107	153



RAMP "1"
SCALE: 1" = 5'



RAMP "2"
SCALE: 1" = 5'

GRADING PLAN – WHITMORE AVE & UAKANIKOO ST.

INTERS. ID NO. 7012-111388

SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALE

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN
WHITMORE AVE. & UAKANIKOO ST.

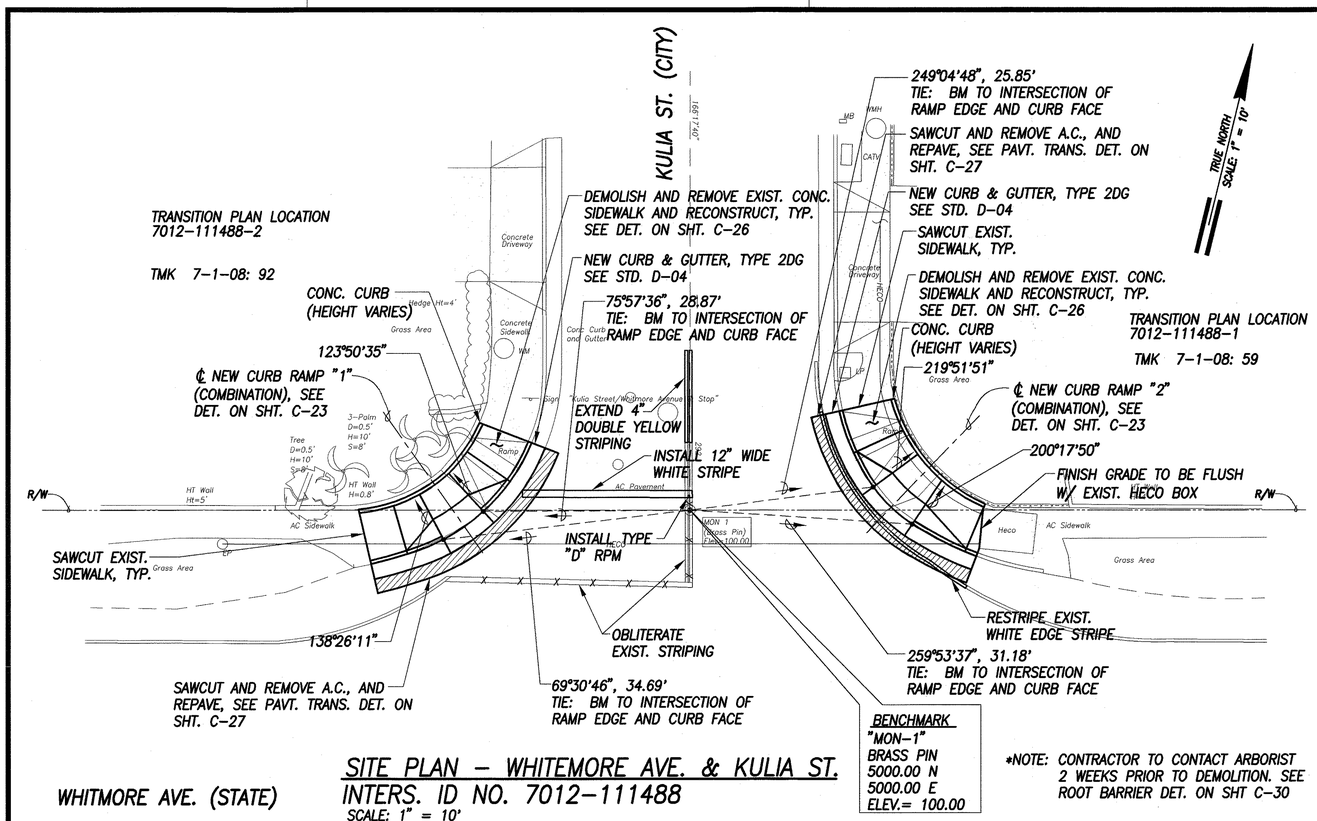
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-106 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	108	153

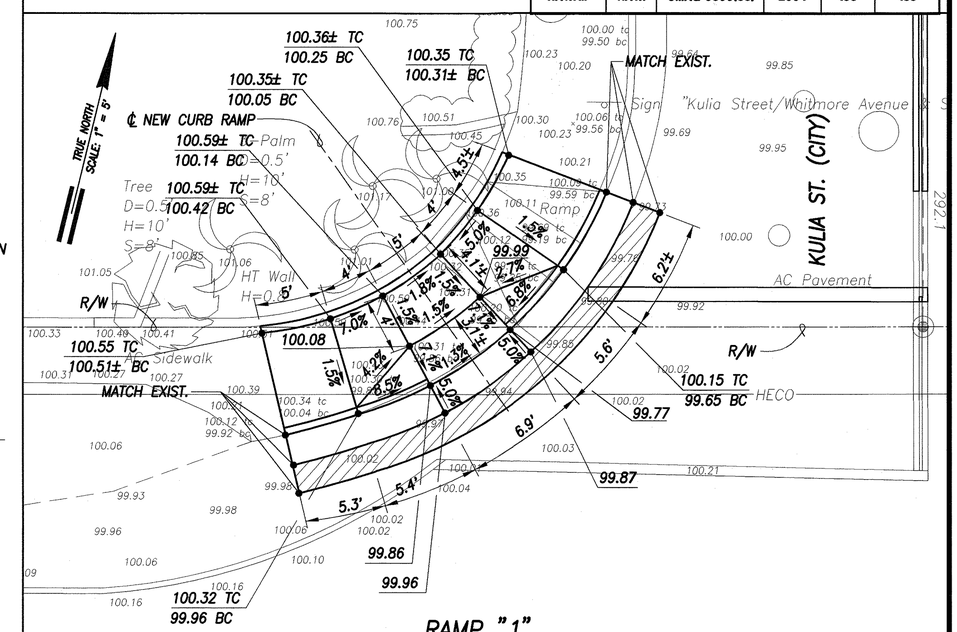


WHITMORE AVE. (STATE)

SITE PLAN – WHITEMORE AVE. & KULIA ST.
INTERS. ID NO. 7012-111488
SCALE: 1" = 10'

BENCHMARK
"MON-1"
BRASS PIN
5000.00 N
5000.00 E
ELEV.= 100.00

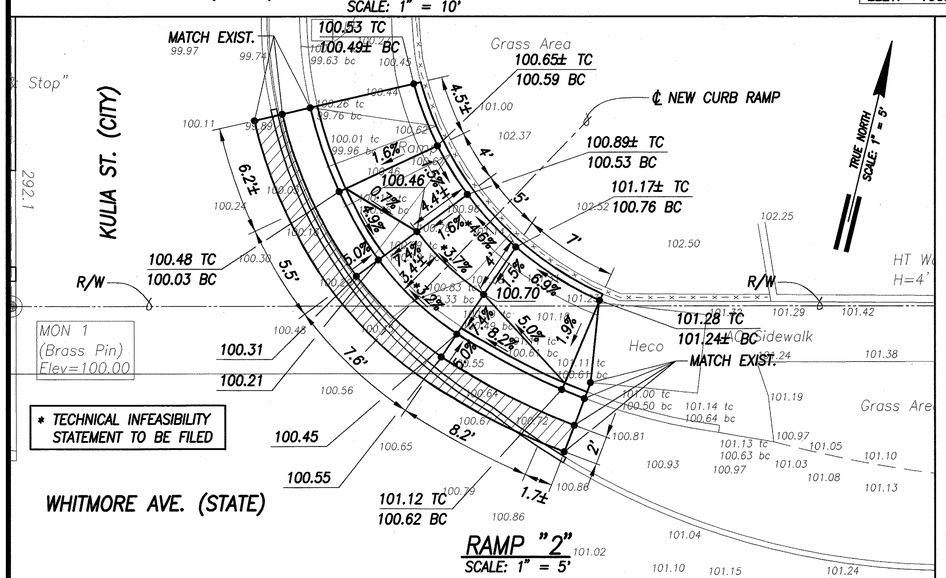
*NOTE: CONTRACTOR TO CONTACT ARBORIST 2 WEEKS PRIOR TO DEMOLITION. SEE ROOT BARRIER DET. ON SHT C-30



WHITMORE AVE. (STATE)

RAMP "1"
SCALE: 1" = 5'

GRADING PLAN – WHITMORE AVE. & KULIA ST.
INTERS. ID NO. 7012-111488
SCALE: 1" = 5'



* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

WHITMORE AVE. (STATE)

RAMP "2"
SCALE: 1" = 5'

GRADING PLAN – WHITMORE AVE. & KULIA ST.
INTERS. ID NO. 7012-111488
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
WHITMORE AVE. & KULIA ST.

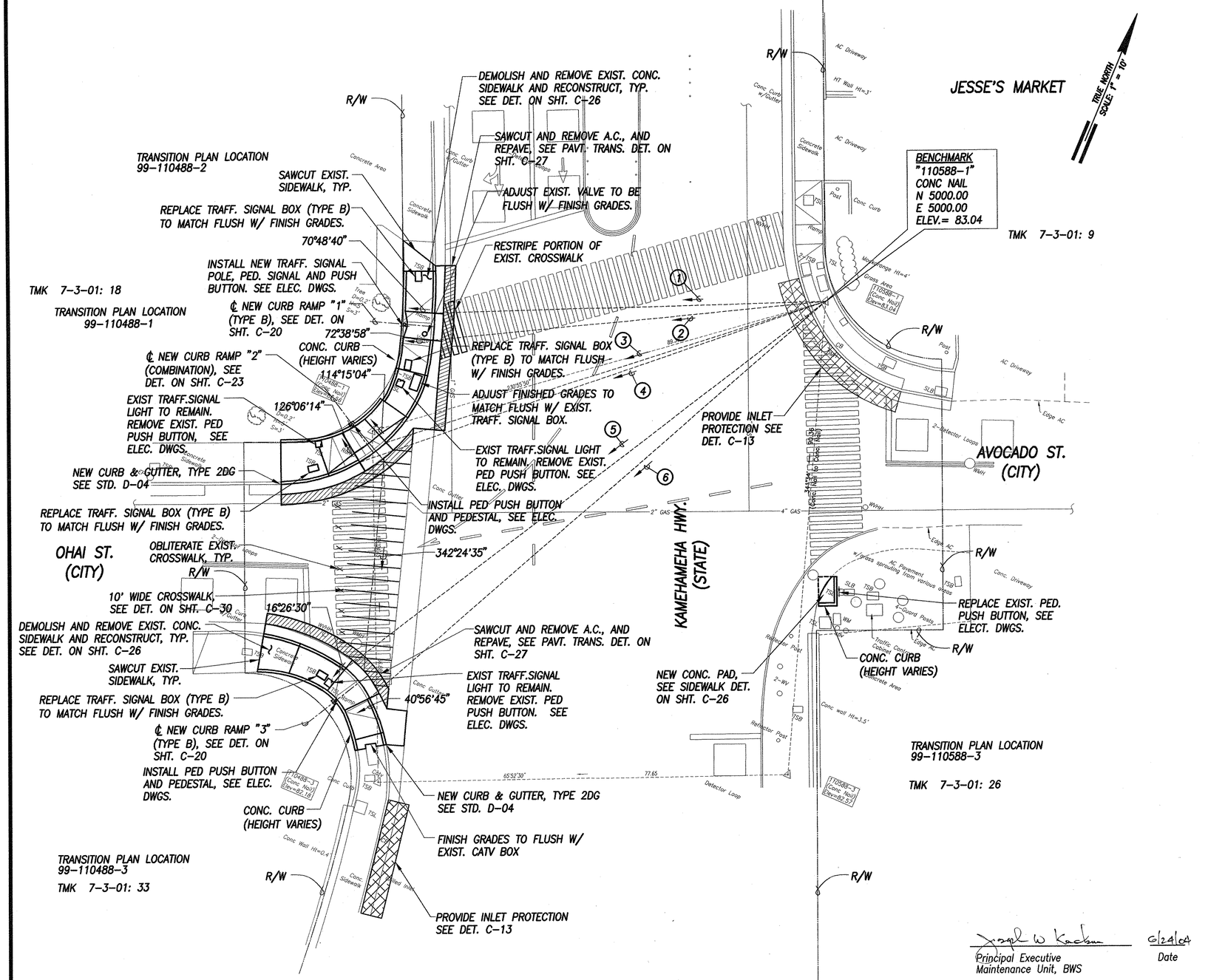
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-107 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	109	153



SITE PLAN – KAMEHAMEHA HWY., OHAI ST. & AVOCADO ST.
INTERS. ID NO. 80-110488 & 80-110588
SCALE: 1" = 10'

① 65°14'06" 74.12'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

② 61°16'05" 74.79'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

③ 49°05'45" 87.53'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

④ 47°51'00" 93.47'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑤ 29°26'45" 114.70'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

⑥ 25°49'46" 114.83'
TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE

Joseph W. Kachan 6/24/04
Principal Executive Maintenance Unit, BWS — Date

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

GREG H. HIYAKUMOTO LICENSED PROFESSIONAL ENGINEER No. 6662-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., OHAI ST. & AVOCADO ST.

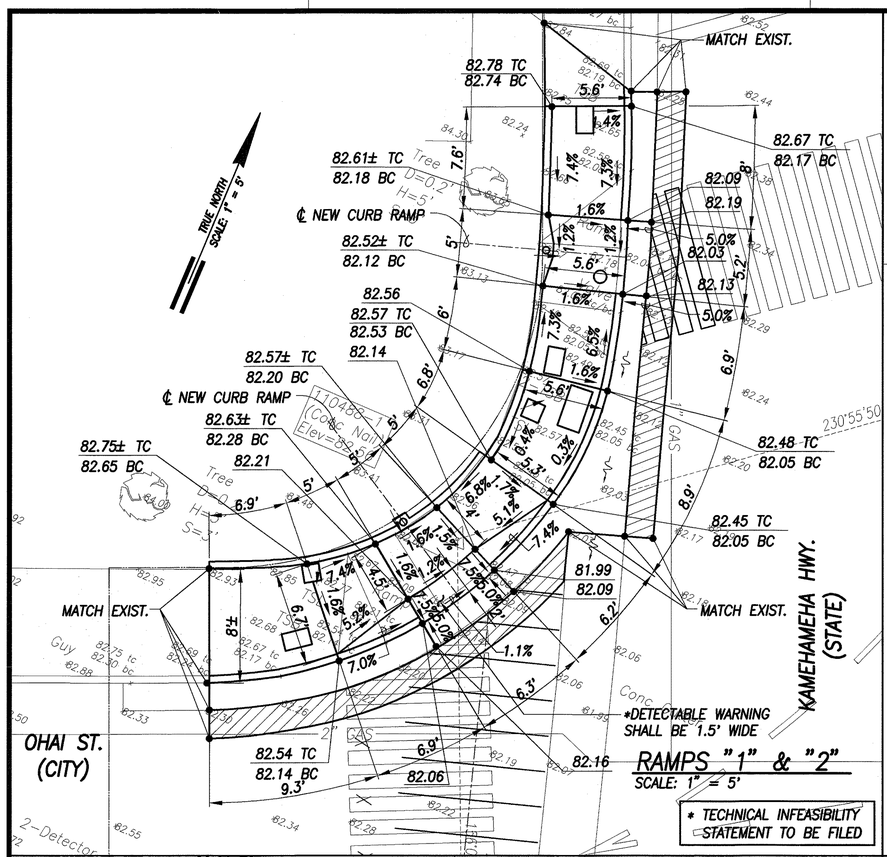
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-108 OF 153 SHEETS

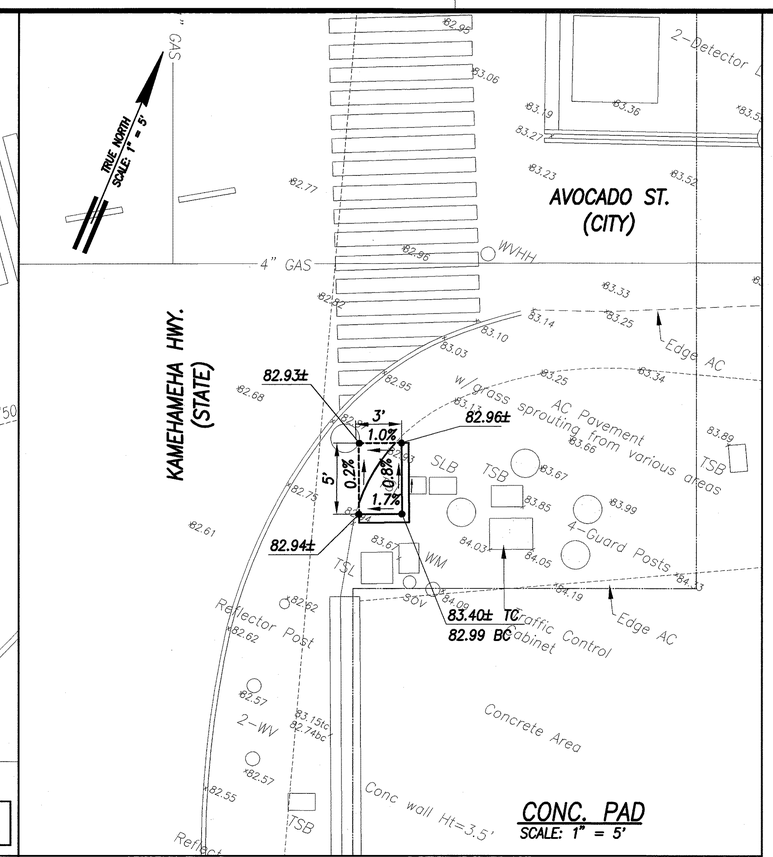
ORIGINAL PLAN | SURVEY PLOTTED BY | DRAWN BY | NOTE BOOK | TRACED BY | DESIGNED BY | QUANTITIES BY | CHECKED BY | No. | DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	110	153



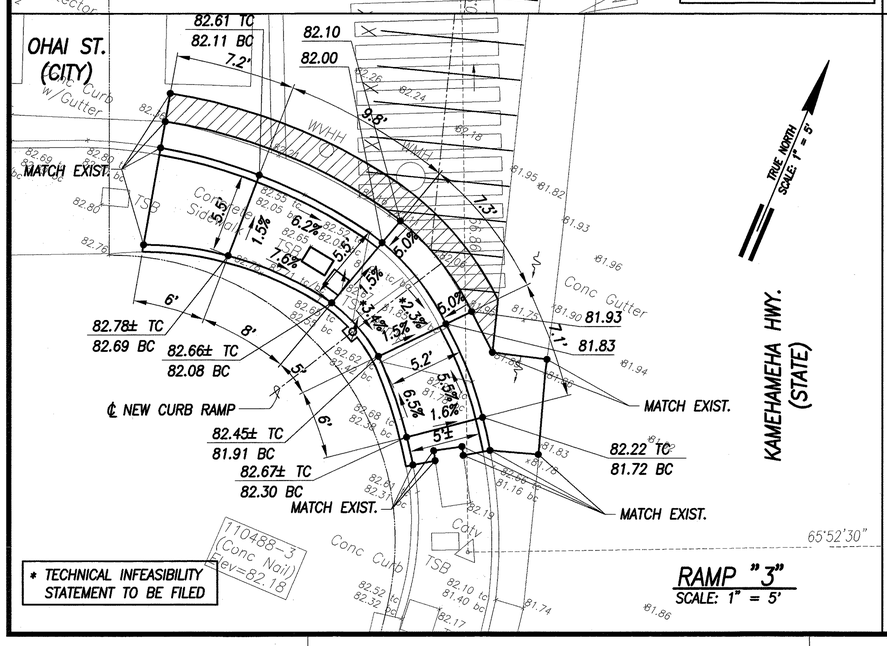
RAMPS "1" & "2"

SCALE: 1" = 5'



CONC. PAD

SCALE: 1" = 5'



RAMP "3"

SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY., OHAI ST. & AVOCADO ST.

INTERS. ID NO. 80-110488 & 80-110588

SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALE

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – KAMEHAMEHA HWY., OHAI ST. & AVOCADO ST.

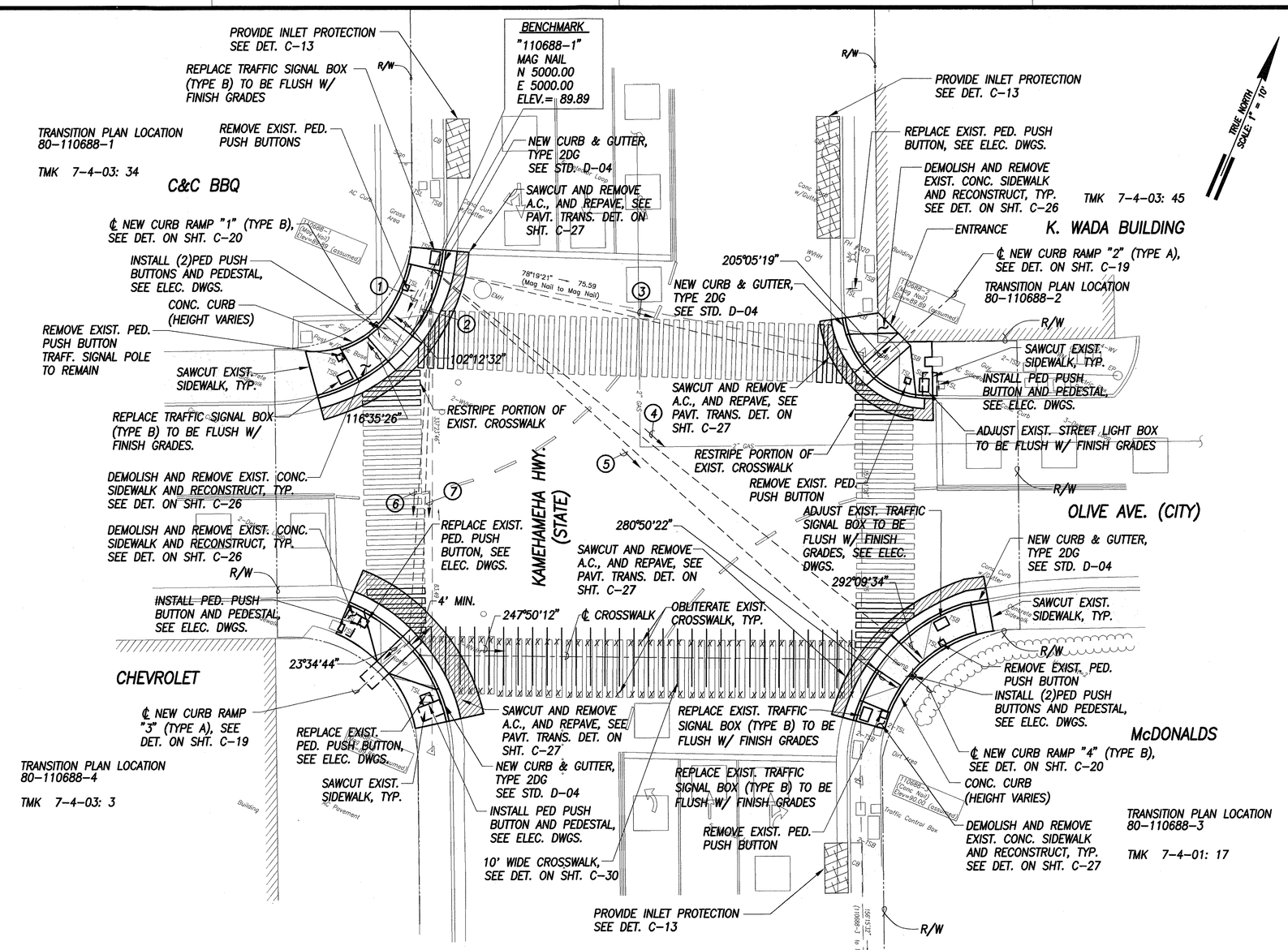
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-109 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	111	153



1. 2°59'12" 17.65'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
2. 354°04'30" 12.03'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
3. 260°40'25" 77.08'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
4. 286°04'08" 103.09'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
5. 289°27'36" 103.21'
   TIE: BM TO INTERSECTION OF RAMP EDGE AND CURB FACE
6. 340°55'09" 64.74'
   TIE: BM TO INTERSECTION OF ℄ RAMP AND CURB FACE
7. 339°08'38" 66.87'
   TIE: BM TO INTERSECTION OF ℄ CROSSWALK AND CURB FACE

SITE PLAN – KAMEHAMEHA HWY. & OLIVE AVE.
INTERS. ID NO. 80-110688
SCALE: 1" = 10'

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

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

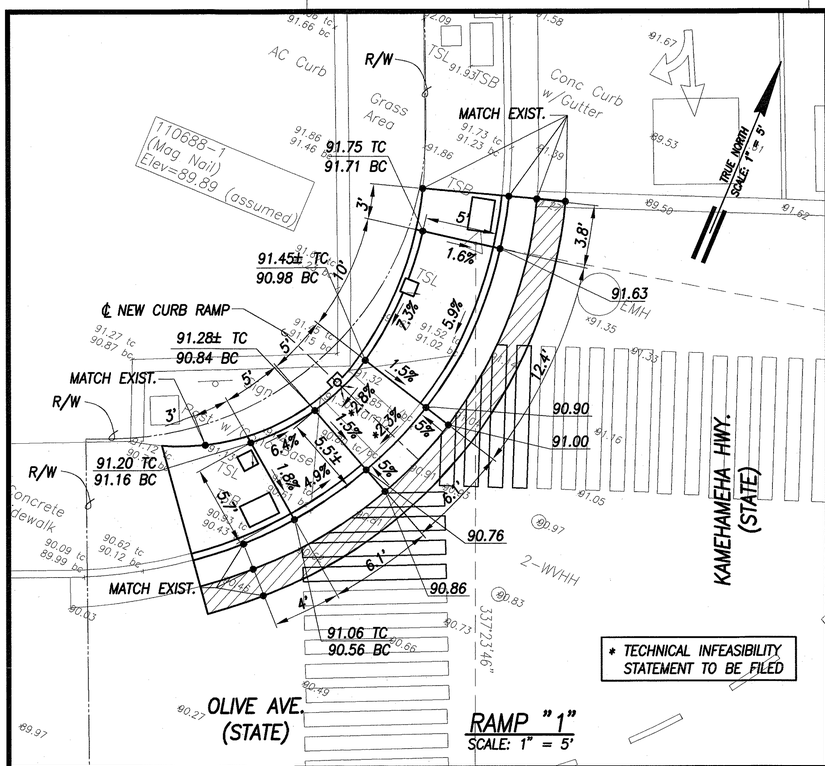
SITE PLAN
KAMEHAMEHA HWY. & OLIVE AVE.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

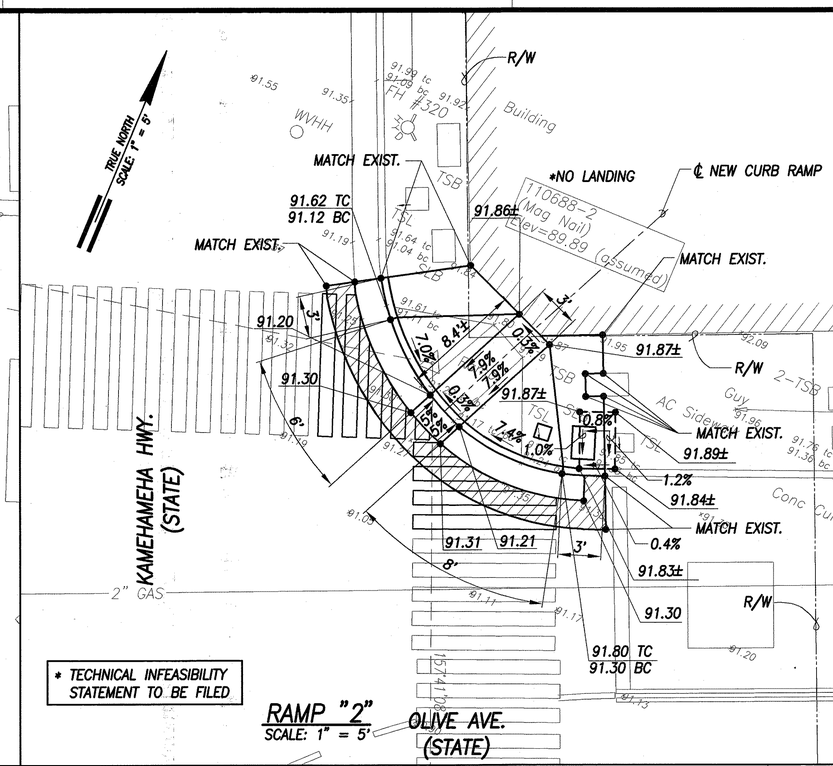
Scale: 1" = 10'-0" Date: August 2004

SHEET No. C-110 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	112	153



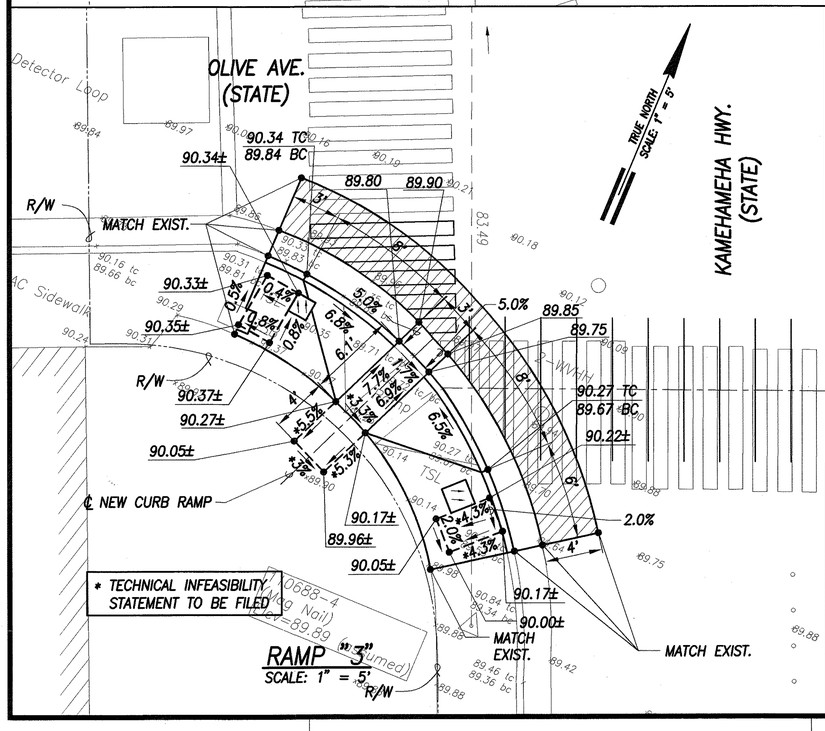
RAMP "1"
SCALE: 1" = 5'



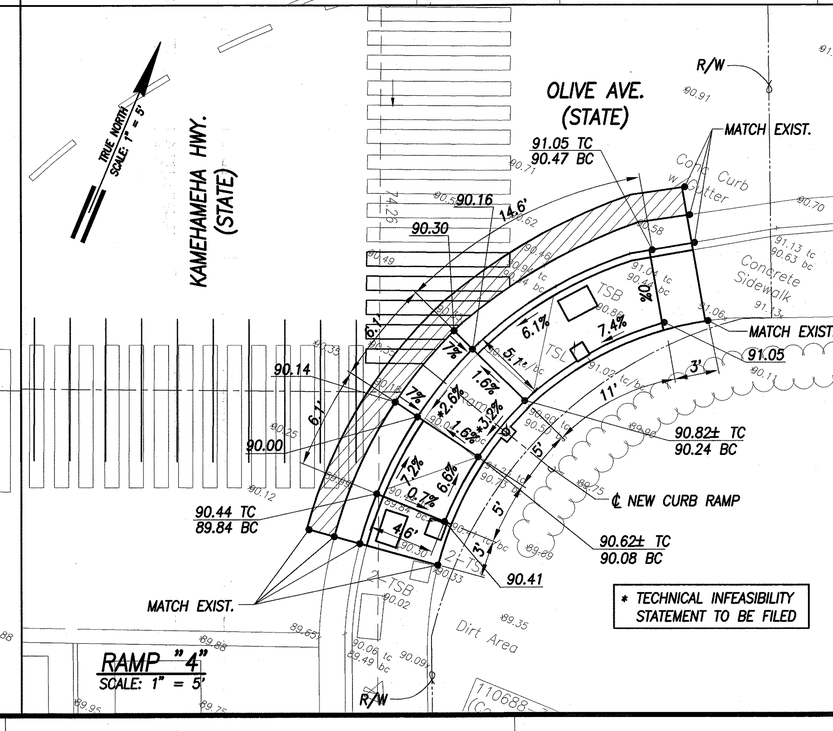
RAMP "2"
SCALE: 1" = 5'

LEGEND

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



RAMP "3"
SCALE: 1" = 5'



RAMP "4"
SCALE: 1" = 5'

GRADING PLAN – KAMEHAMEHA HWY. & OLIVE AVE.
INTERS. ID NO. 80-110688
SCALE: 1" = 5'

GRAPHIC SCALE
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	

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

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

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

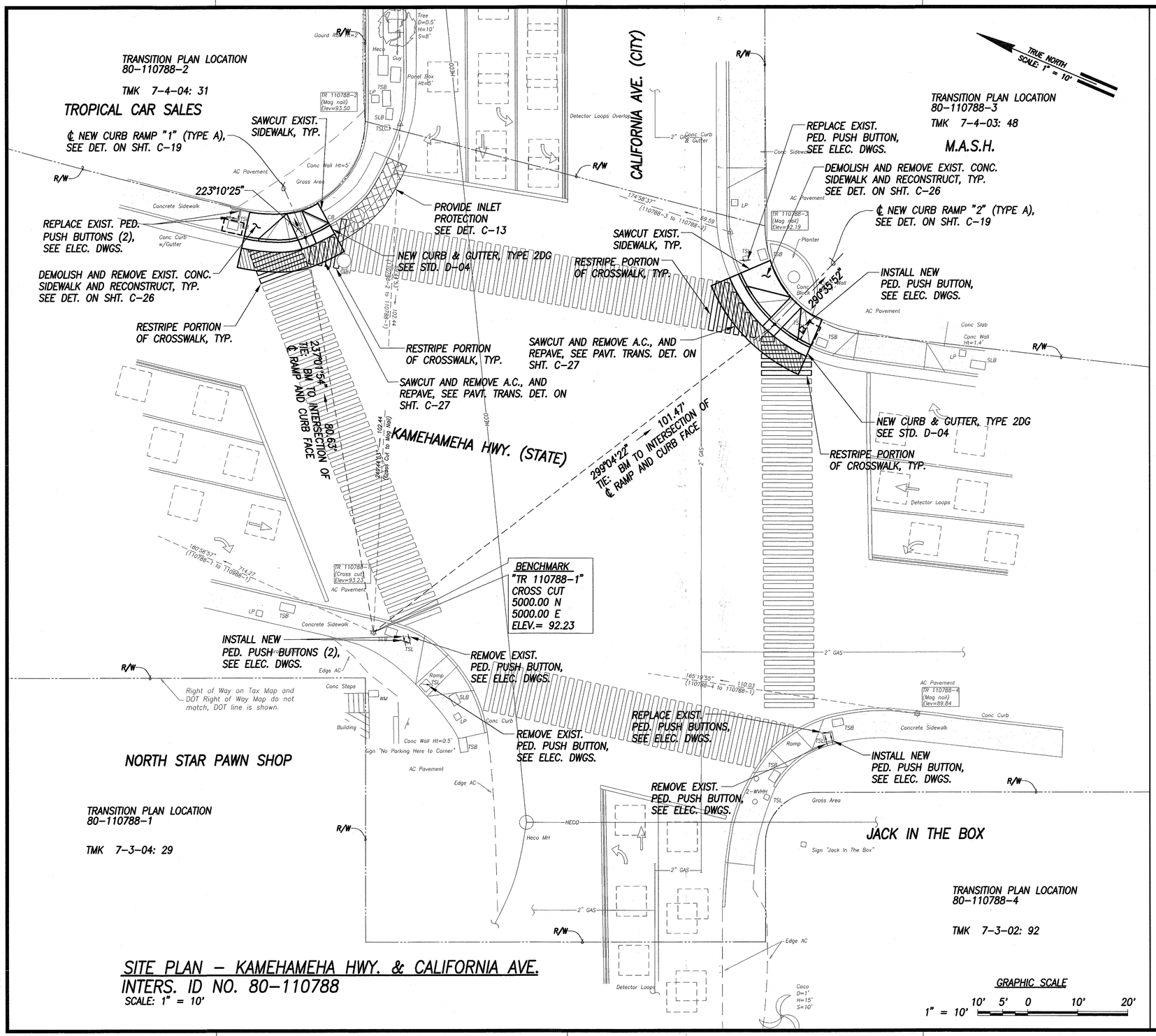
GRADING PLAN
KAMEHAMEHA HWY. & OLIVE AVE.

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-111 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	113	153



SITE PLAN – KAMEHAMEHA HWY. & CALIFORNIA AVE.
INTERS. ID NO. 80-110788
SCALE: 1" = 10'

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-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

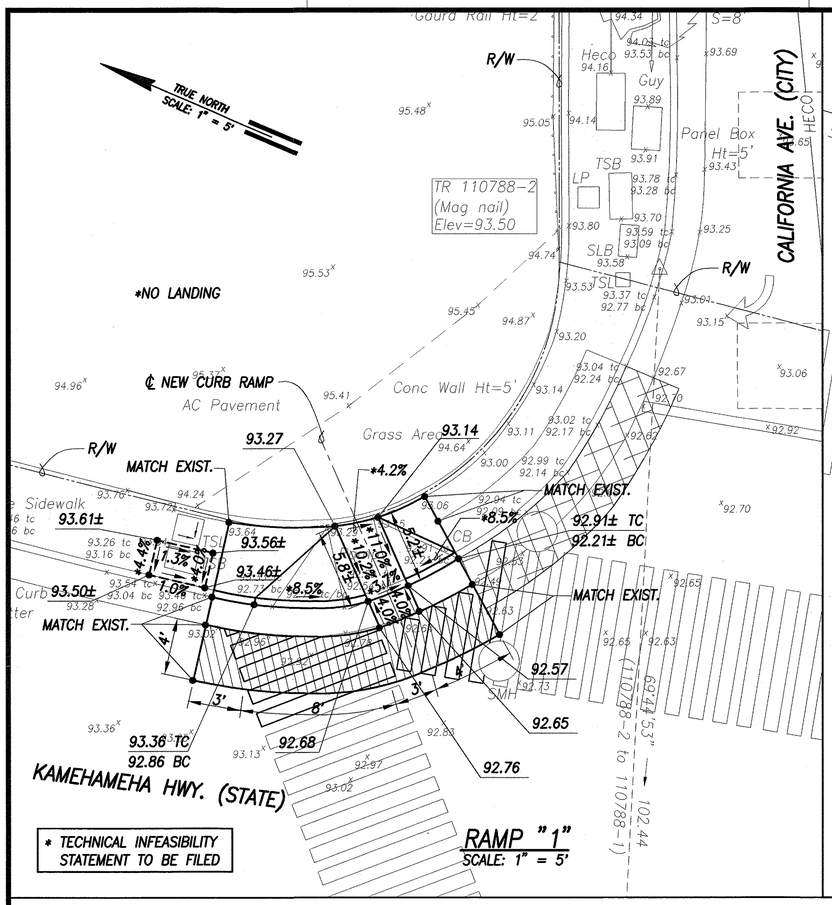
SITE PLAN – KAMEHAMEHA HWY. & CALIFORNIA AVE.

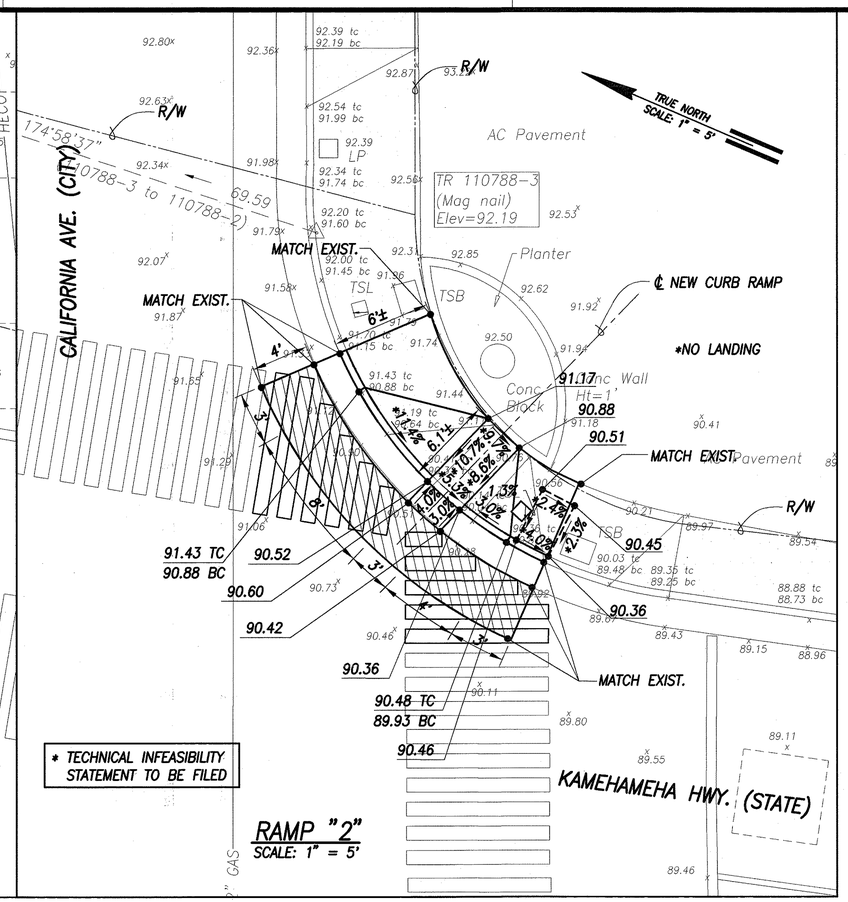
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-112 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	114	153





LEGEND

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

GRADING PLAN – KAMEHAMEHA HWY. & CALIFORNIA AVE.
INTERS. ID NO. 80-110788
SCALE: 1" = 5'

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

GREG H. HIYAKUMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6662-C
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – KAMEHAMEHA HWY. & CALIFORNIA AVE.

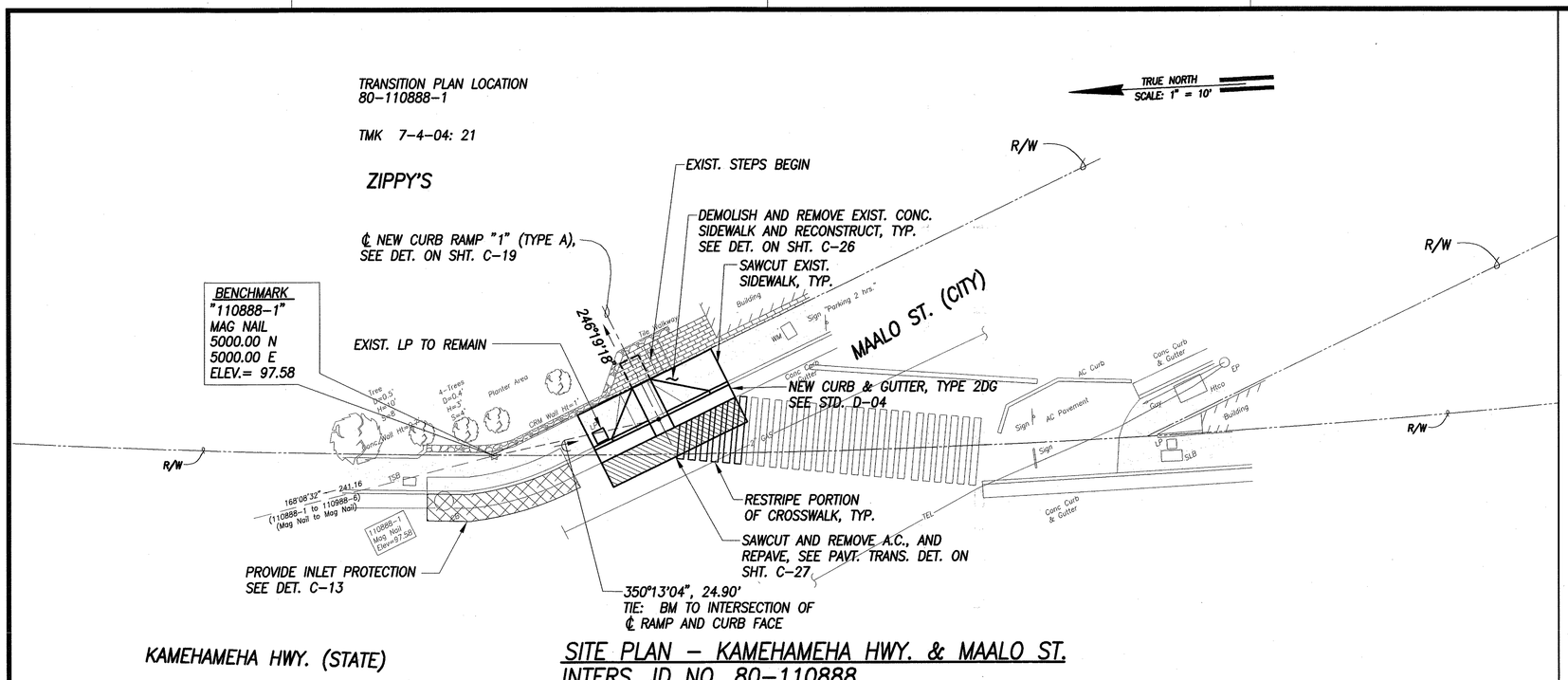
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

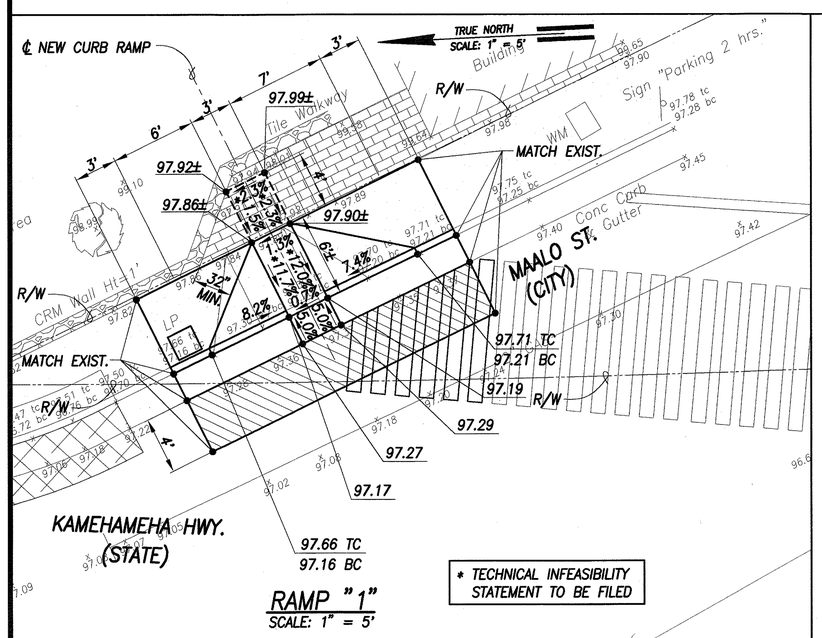
SHEET No. C-113 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	115	153



SITE PLAN – KAMEHAMEHA HWY. & MAALO ST.
INTERS. ID NO. 80-110888
SCALE: 1" = 10'



RAMP "1"
SCALE: 1" = 5'

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED

GRADING PLAN – KAMEHAMEHA HWY. & MAALO ST.
INTERS. ID NO. 80-110888
SCALE: 1" = 5'

LEGEND

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

GRAPHIC SCALES

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAMEHAMEHA HWY. & MAALO ST.

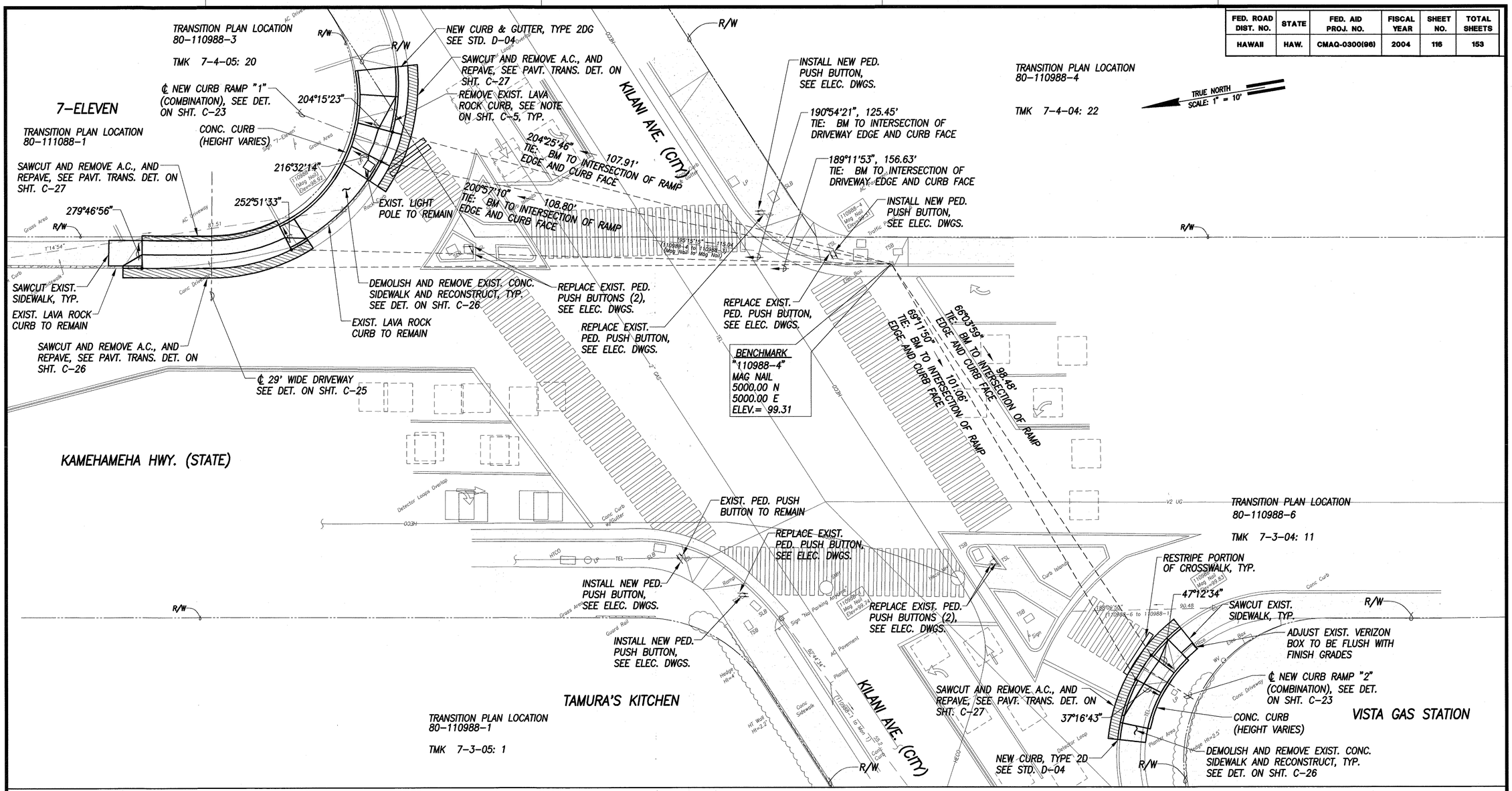
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

Scale: AS SHOWN Date: August 2004

SHEET No. C-114 OF 153 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	116	153



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

ORIGINAL PLAN
NOTE BOOK No.

SITE PLAN – KAMEHAMEHA HWY., KILANI AVE. & 7-ELEVEN
INTERS. ID NO. 80-110988 & 80-111088
SCALE: 1" = 10'

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

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

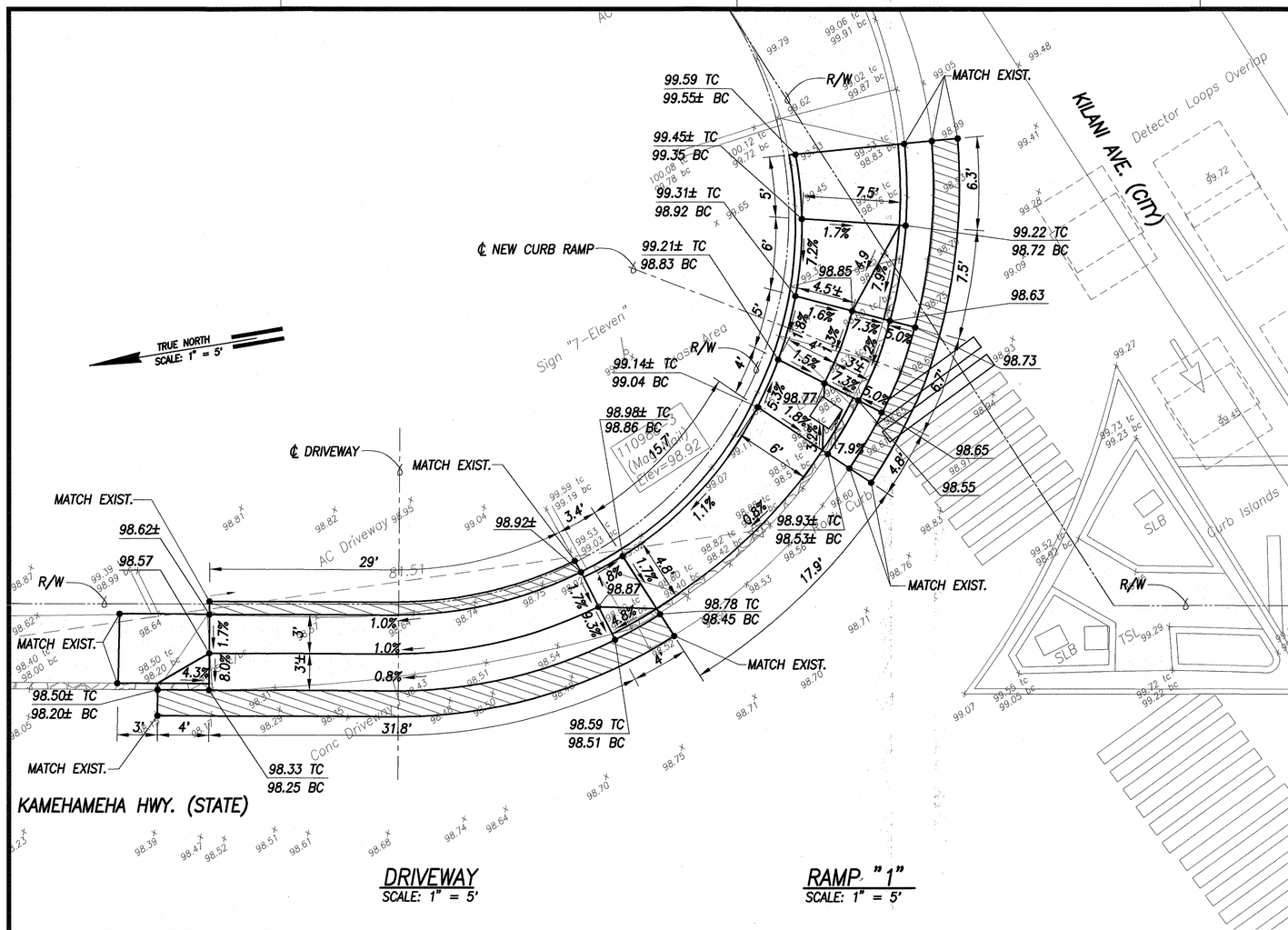
SITE PLAN – KAMEHAMEHA HWY., KILANI AVE. & 7-ELEVEN

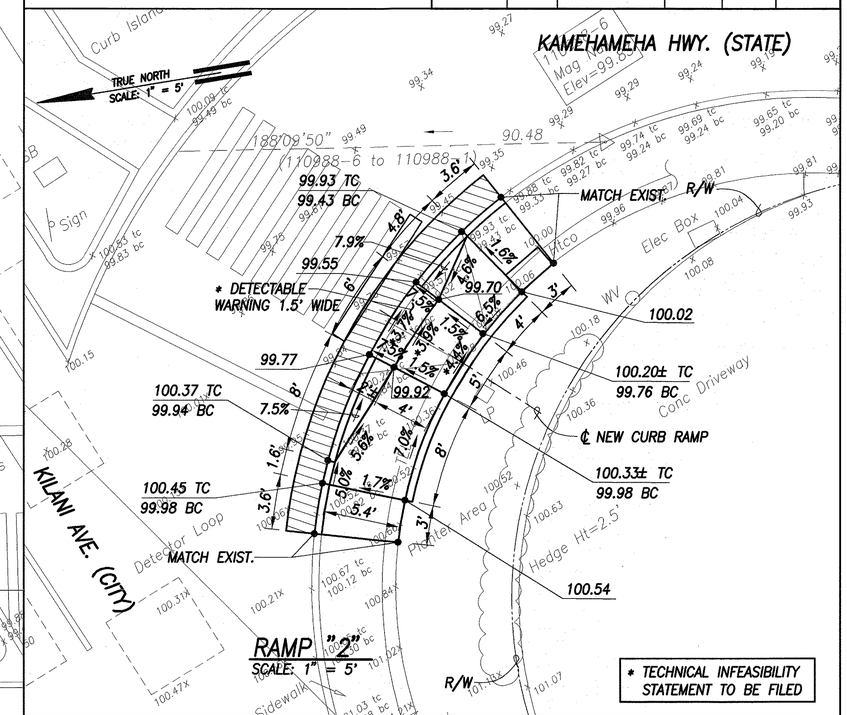
Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-115 OF 153 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(96)	2004	117	153





LEGEND

× 49.52 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

GRADING PLAN – KAMEHAMEHA HWY., KILANI AVE. & 7-ELEVEN

INTERS. ID NO. 99-110988 & 99-111088

SCALE: 1" = 5'

GRAPHIC SCALE

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

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN – KAMEHAMEHA HWY., KILANI AVE. & 7-ELEVEN

Pedestrian Facilities & ADA Compliance at Various Locations on Oahu, Unit 5
Fed. Aid Proj. No. CMAQ-0300(96)

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

SHEET No. C-116 OF 153 SHEETS

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