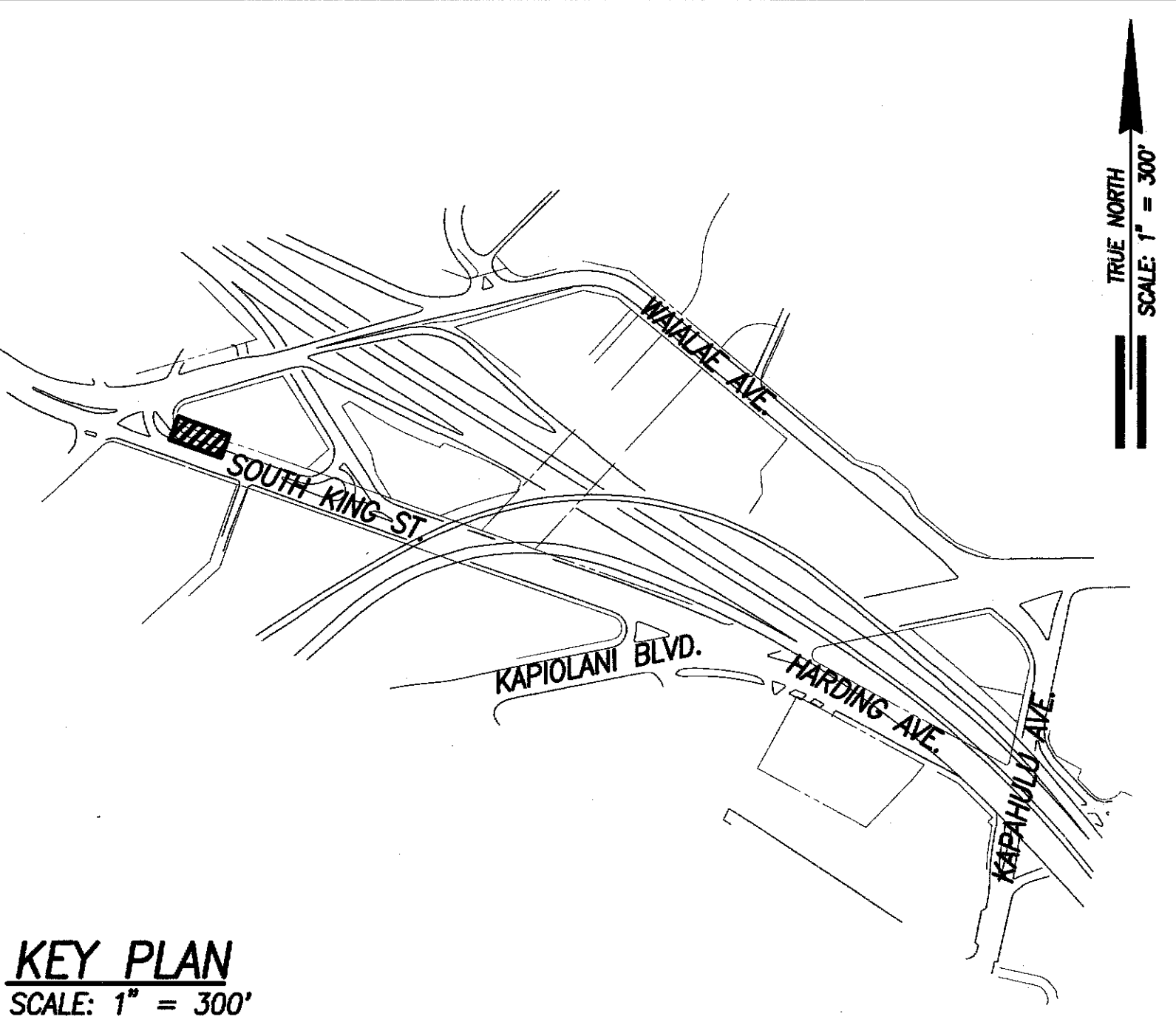
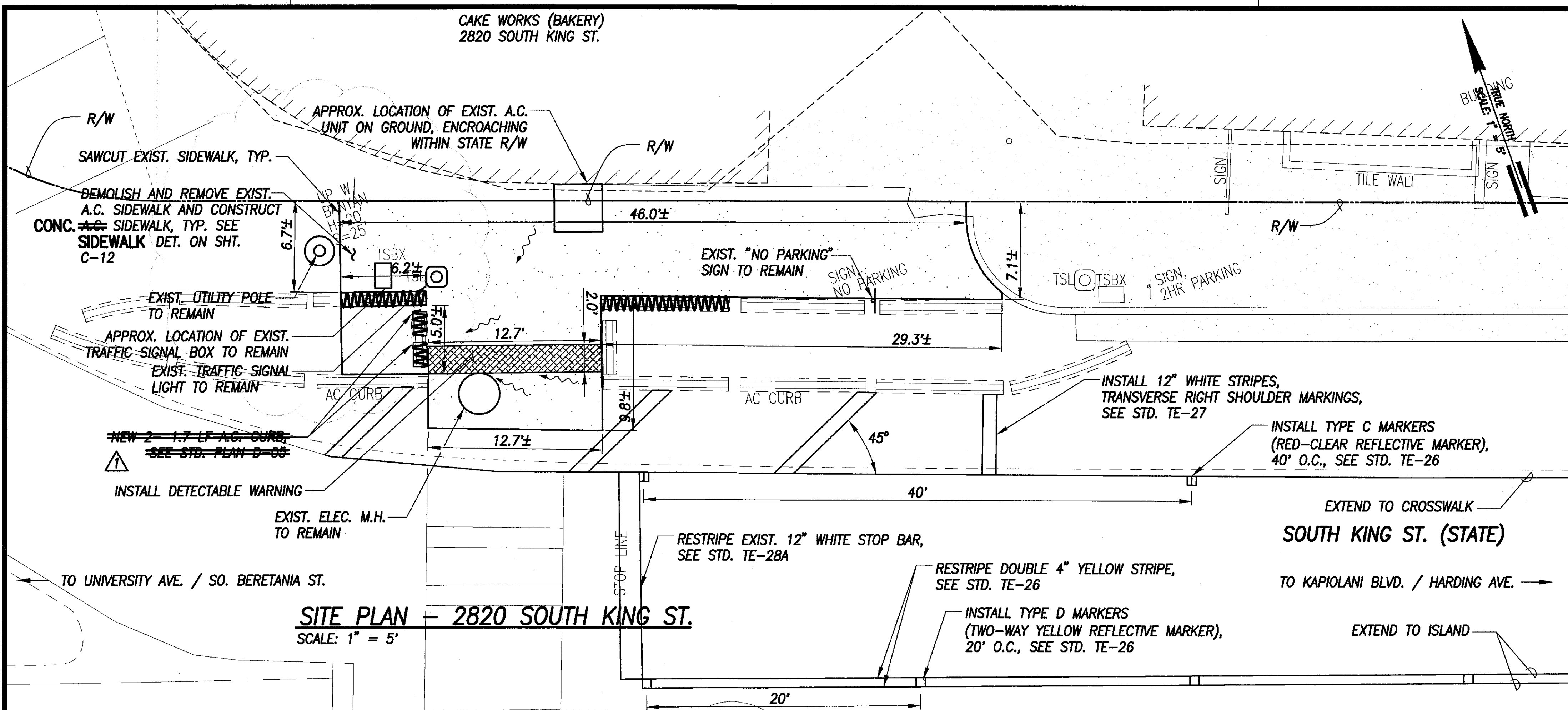


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	14	41

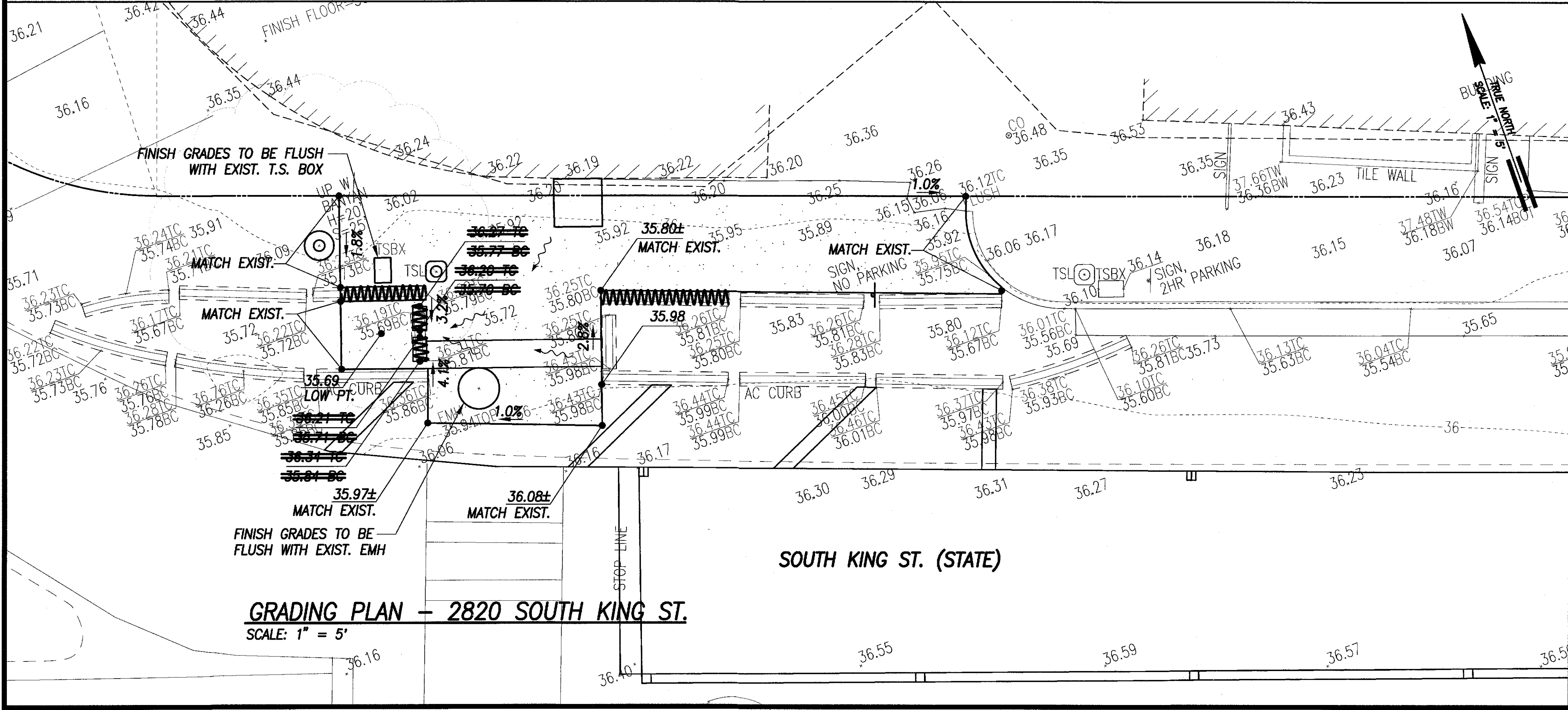
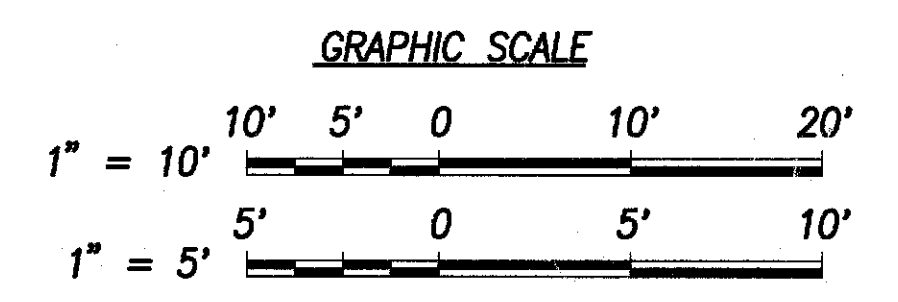


LEGEND

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

LEGEND FOR AS-BUILT POSTINGS

	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting



DATE	
DESIGNED BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
NO.	

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Stacy K. Yokooji April 30, 2012
SIGNATURE DATE

LICENSED PROFESSIONAL ENGINEER
No. 8883-C
HAWAII, U.S.A.

09/03/2010	Added detectable warning, rev. dim.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
S. KING ST. AT 2820 S. KING ST.

*Pedestrian Facilities & ADA Compliance,
Vicinity of Old Waialae Rd. and S. King St.*

Proj. No. 7601A-01-09

Scale: 1" = 5'-0" Date: March 2010

SHEET No. C-13 OF 41 SHEETS

SOUTH KING STREET (STATE)

TO UNIVERSITY AVE. / SO. BERETANIA ST.

TO KAPIOLANI BLVD. / HARDING AVE.

TRUE NORTH
SCALE: 1" = 10'

BENCHMARK "YIELD" CUT
8102.56 S
10491.95 E
ELEV.= 34.76

307°42'09"
91.45'
209°15'37"

WHITE LINE
CROSSWALK
STOP BAR
RESTRIPE CROSSWALK AND STOP BAR

SAWCUT AND REMOVE A.C., AND REPAVE, SEE DET. ON SHIT. C-12

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK & CURB, AND RECONSTRUCT, TYP.

EXIST. TRAFFIC SIGNAL LIGHT TO REMAIN
EXIST. TRAFFIC SIGNAL BOX TO REMAIN

CONC. PAD FOR TSXB
CONC. CURB
CONC. SIDEWALK
CRM HEADER
SIGN THE CONTESSA 2825
FORMOSA KOA D=1.5', H=25', S=40'
HEDGE, H=3.5'

DEMOLISH AND REMOVE EXIST. CONC. SIDEWALK & CURB, AND RECONSTRUCT, TYP.

GITE BOX
TSBX
STEPPING STONES
2 RPT. H=1.5'

PROVIDE SMOOTH RIDING AND FLUSH CONNECTION

19°30'09"

AC PAVEMENT

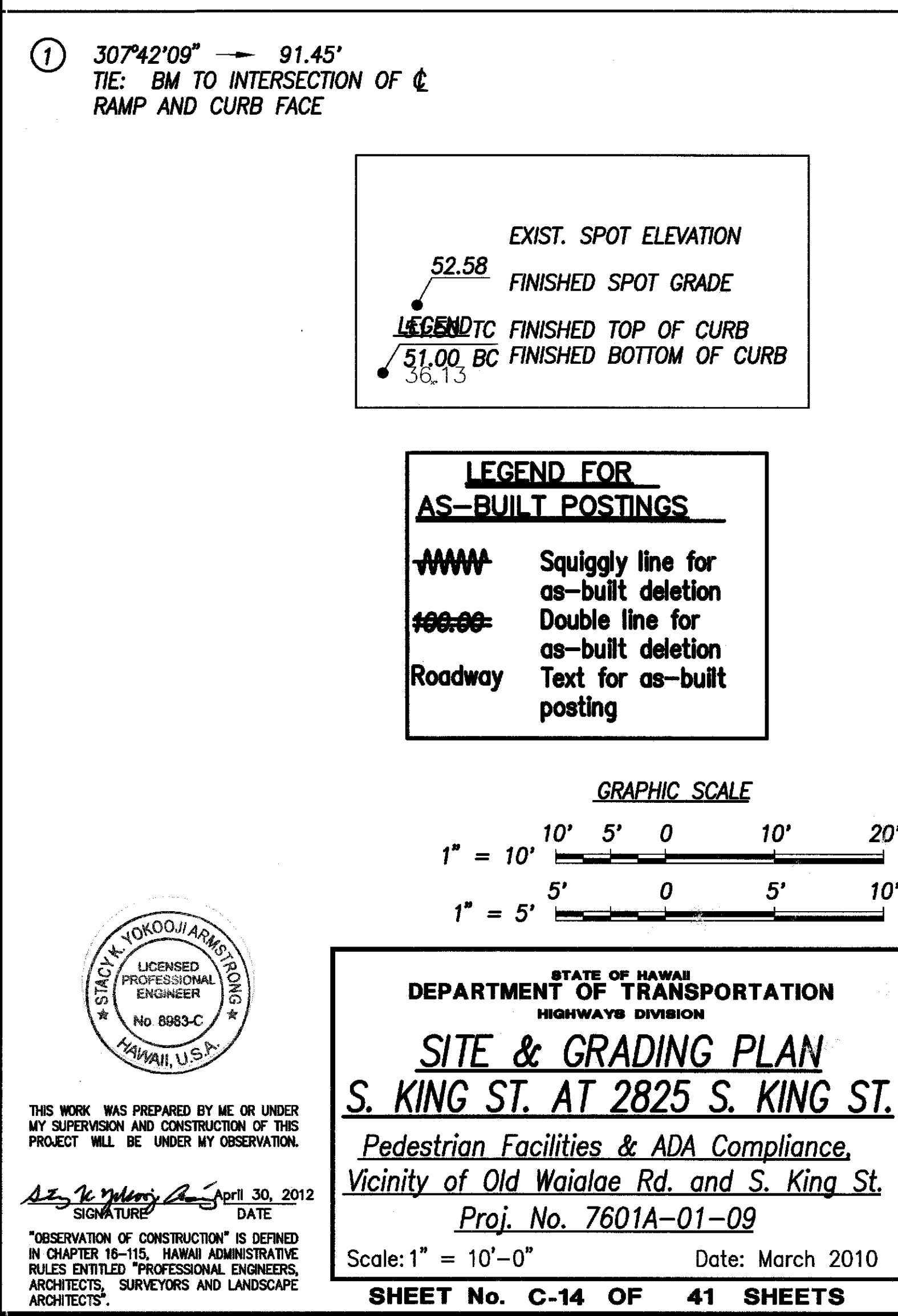
NEW CURB RAMP (TYPE A W/ LANDING), SEE DET. ON SHIT. C-7

PROVIDE SMOOTH RIDING CONNECTION TO EXIST. TSXB COVER AND SIDEWALK
SAWCUT EXIST. SIDEWALK, TYP.

Concrete S.W.

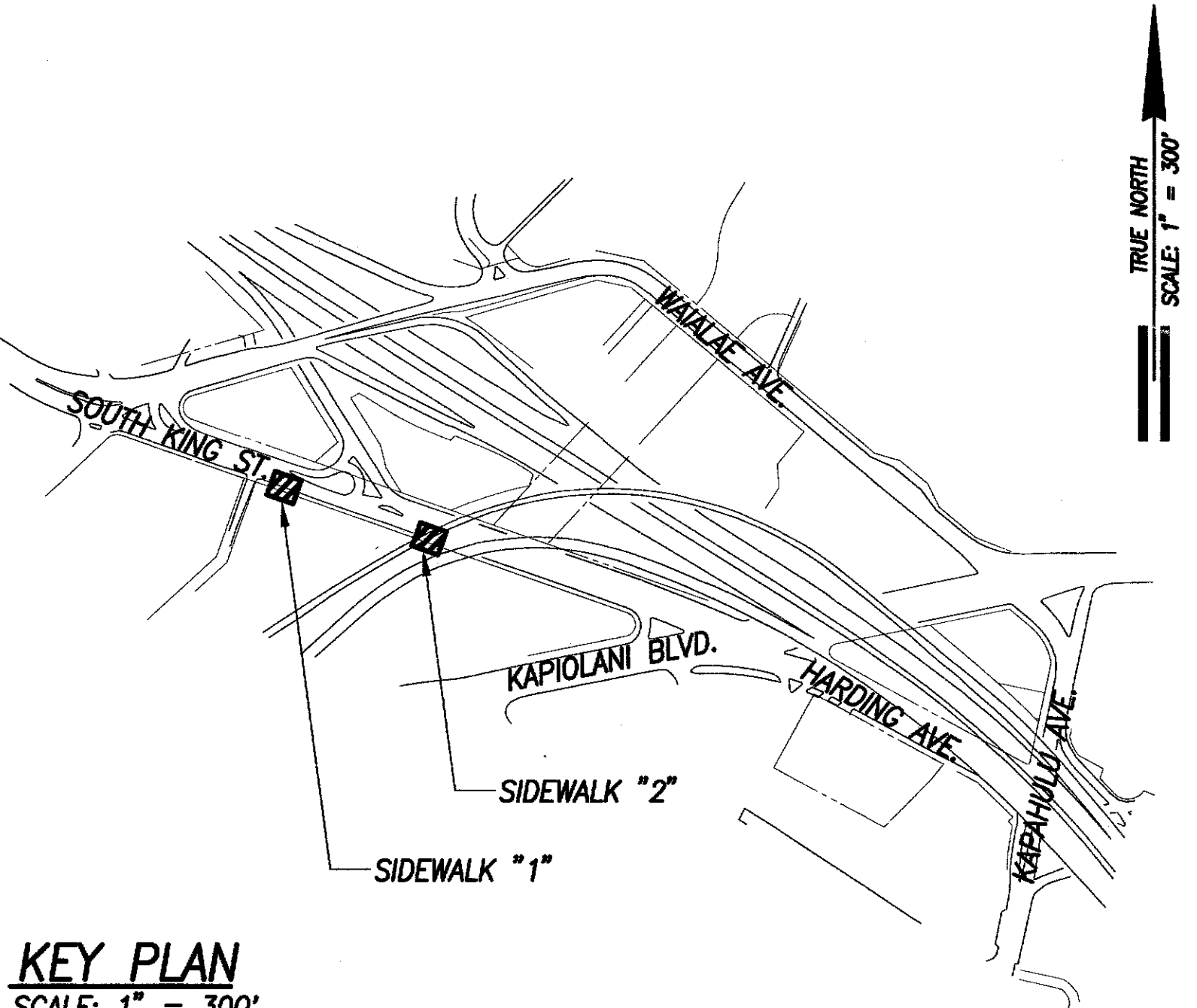
REPAIR DAMAGED CONC. SIDEWALK, TYP., SEE DET. ON SHIT. C-12.
PROVIDE SMOOTH RIDING CONDITION AT CONN. TO EXIST SIDEWALK

TMK: (1)2-7-27: 23
2825 SOUTH KING ST.



"AS-BUILT" 15

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	16	41



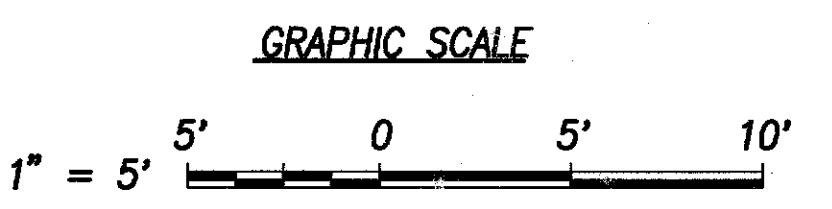
KEY PLAN
SCALE: 1" = 300'

LEGEND

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

LEGEND FOR AS-BUILT POSTINGS

~~~~~	Squiggly line for as-built deletion
==	Double line for as-built deletion
Roadway	Text for as-built posting



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*Stack Yokooji Armstrong* April 30, 2012  
SIGNATURE DATE

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

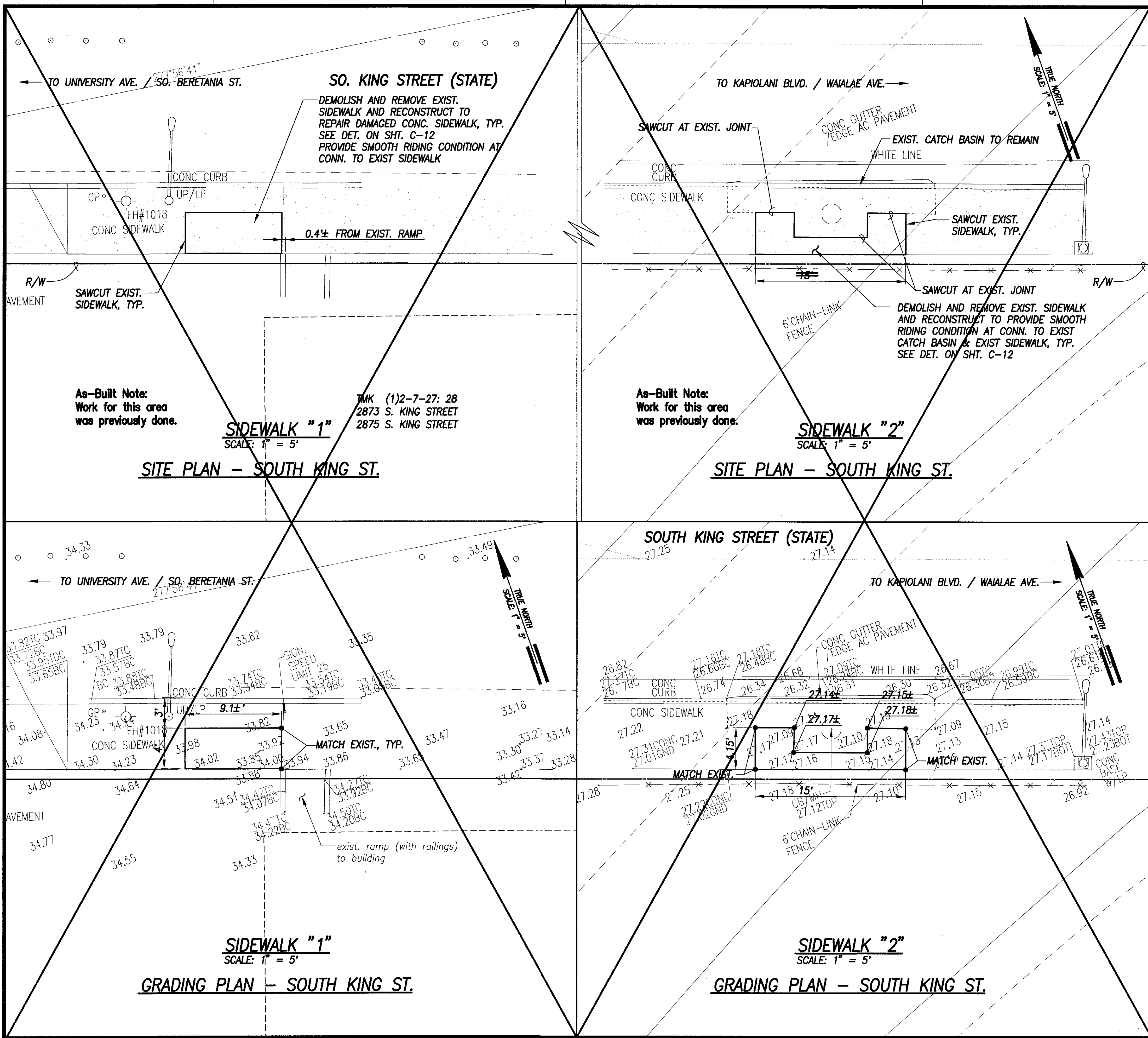
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SITE & GRADING PLAN**  
**SOUTH KING ST. SIDEWALK**

*Pedestrian Facilities & ADA Compliance,*  
*Vicinity of Old Waialae Rd. and S. King St.*  
Proj. No. 7601A-01-09

Scale: 1" = 5'-0" Date: March 2010

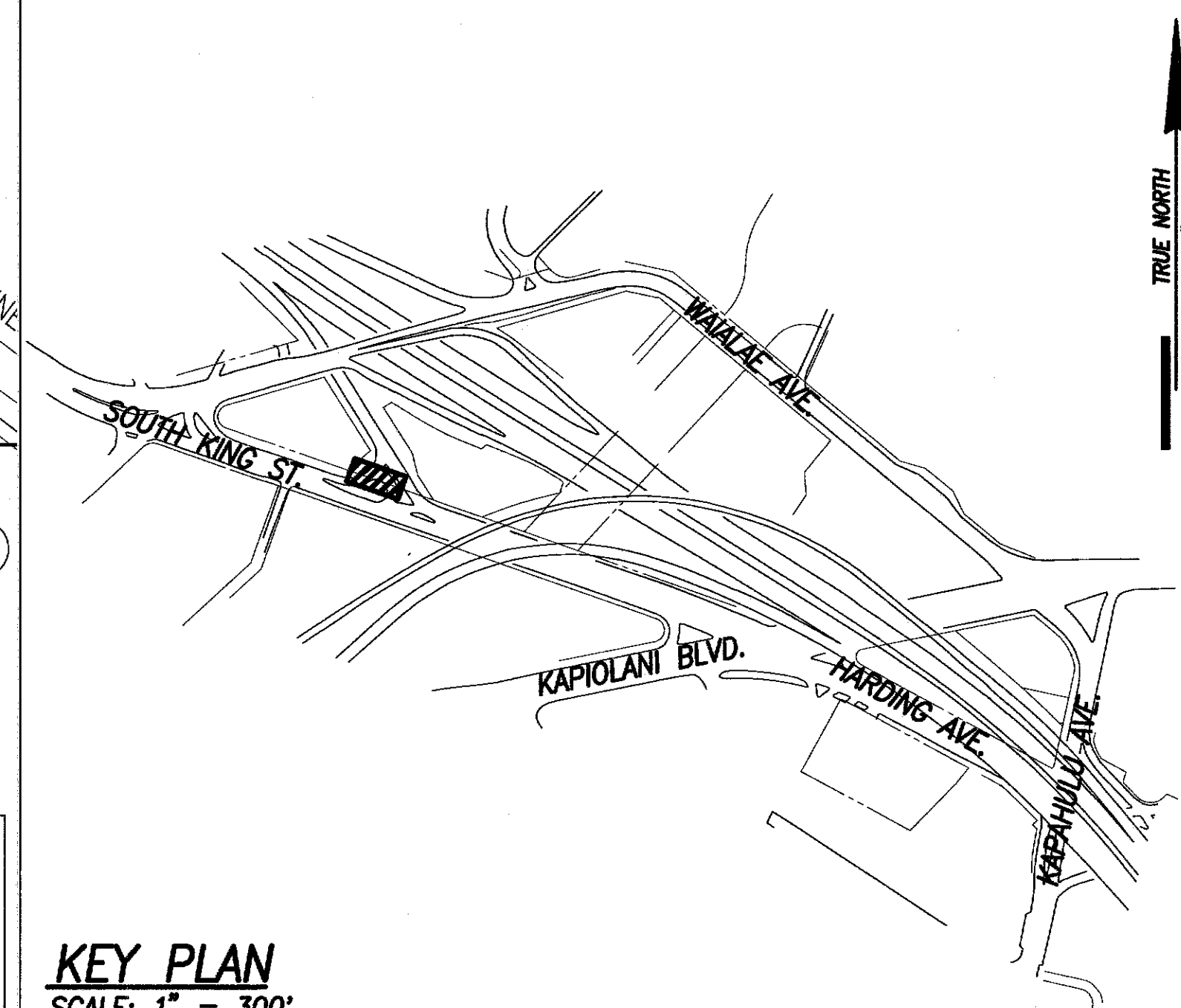
**SHEET No. C-15 OF 41 SHEETS**



DATE	_____
DESIGNED BY	_____
CHECKED BY	_____
IN CHARGE	_____
PROJECT NO.	7601A-01-09
SHEET NO.	C-15
TOTAL SHEETS	41



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	17	41



**KEY PLAN**  
SCALE: 1" = 300'

① 124°55'27" → 95.12'  
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE

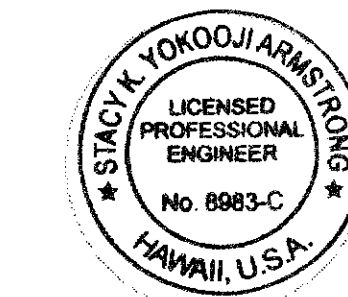
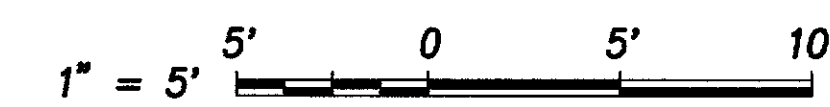
**LEGEND**

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

Approved:

Chief, Capital Projects Division, BWS Date

GRAPHIC SCALE



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*Stack K. Yokoo* April 30, 2012  
SIGNATURE DATE

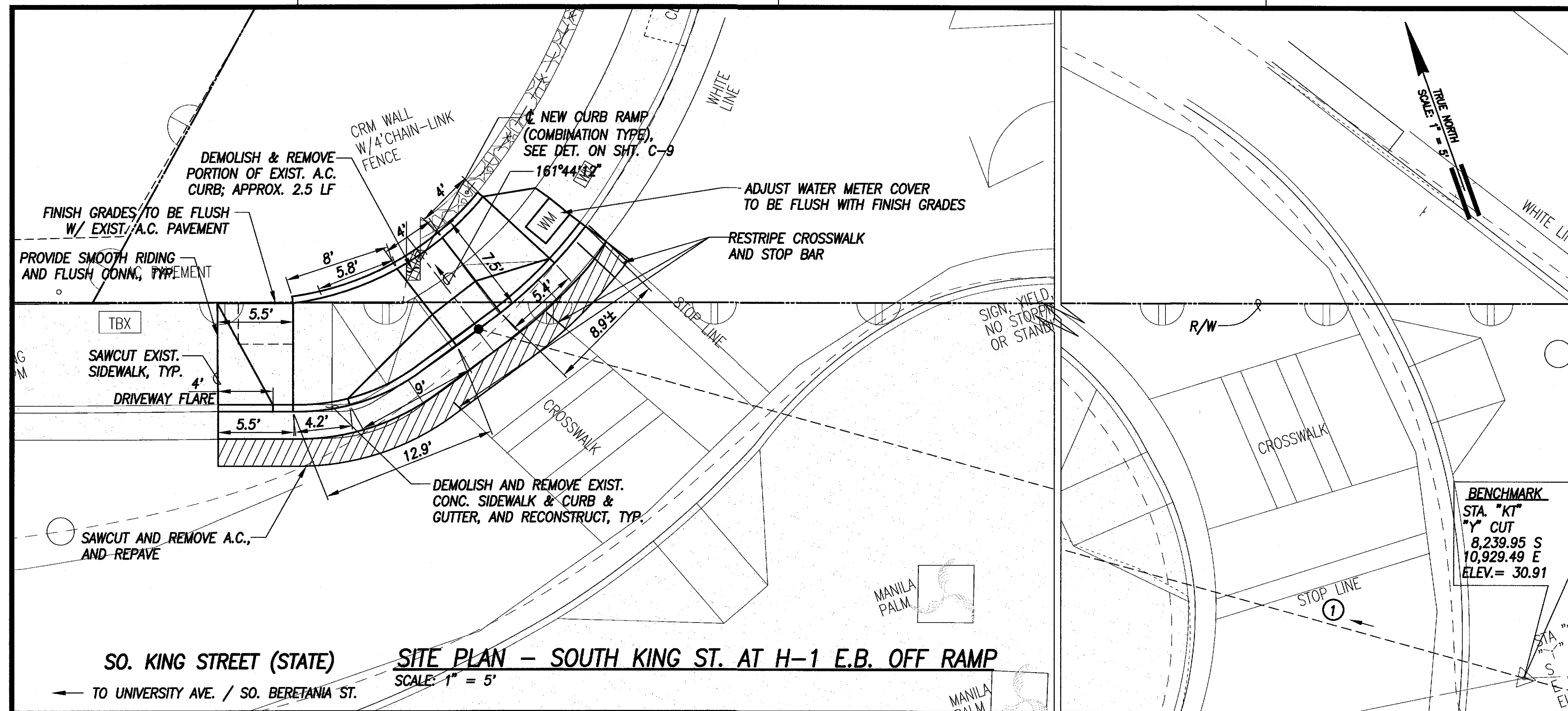
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

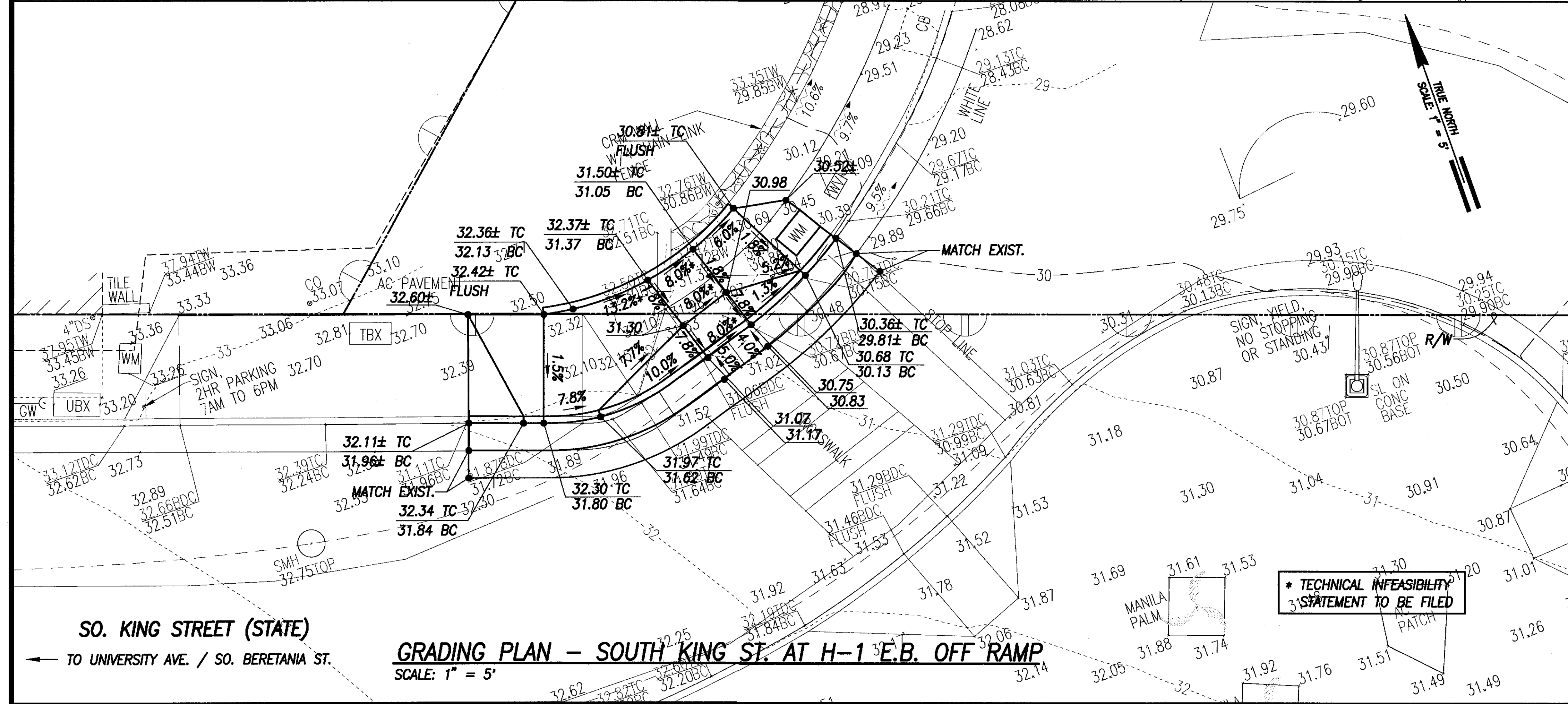
**SITE & GRADING PLAN**  
**S. KING ST. AT H-1 E.B. OFF-RAMP**  
Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Waialeale Rd. and S. King St.  
Proj. No. 7601A-01-09

Scale: 1" = 5' Date: March 2010

SHEET No. C-16 OF 41 SHEETS



**SITE PLAN - SOUTH KING ST. AT H-1 E.B. OFF RAMP**  
SCALE: 1" = 5'



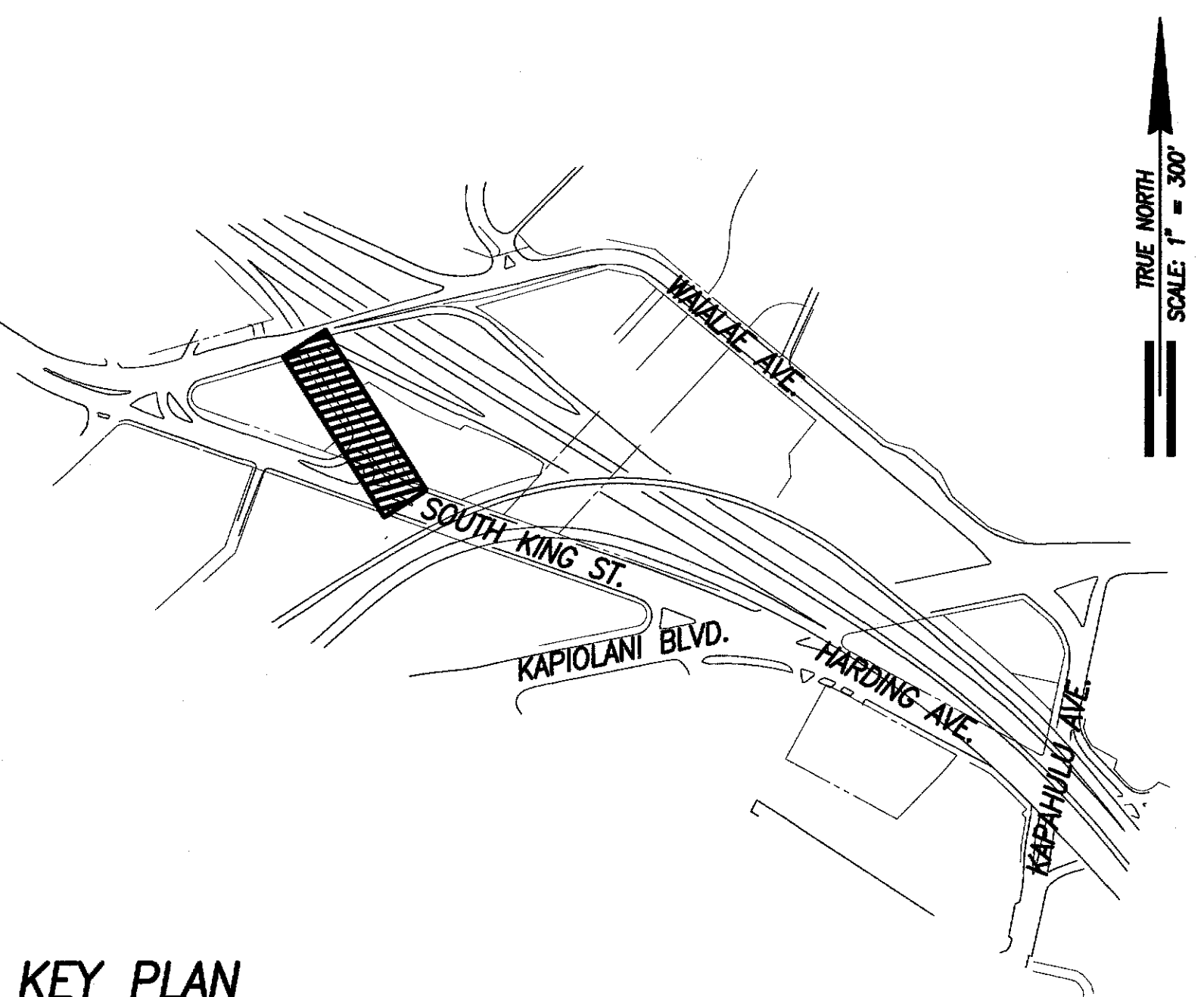
**GRADING PLAN - SOUTH KING ST. AT H-1 E.B. OFF RAMP**  
SCALE: 1" = 5'

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

* TECHNICAL INFEASIBILITY STATEMENT TO BE FILED



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	18	41



**KEY PLAN**  
SCALE: 1" = 300'

①

W11-2  
30"x 30"

③

W16-9p  
24"x 12"

②

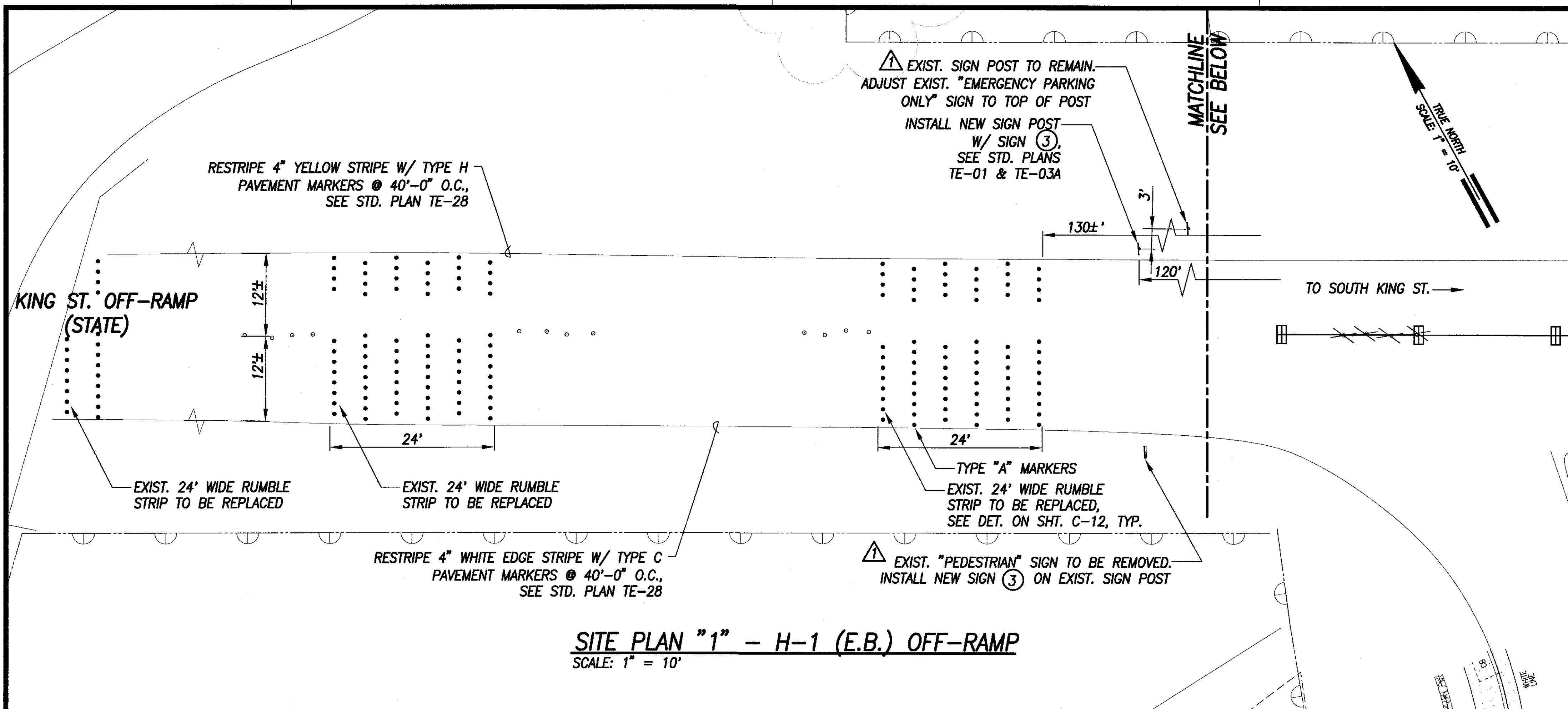
W16-7p(L)  
24"x 12"

①, ③:

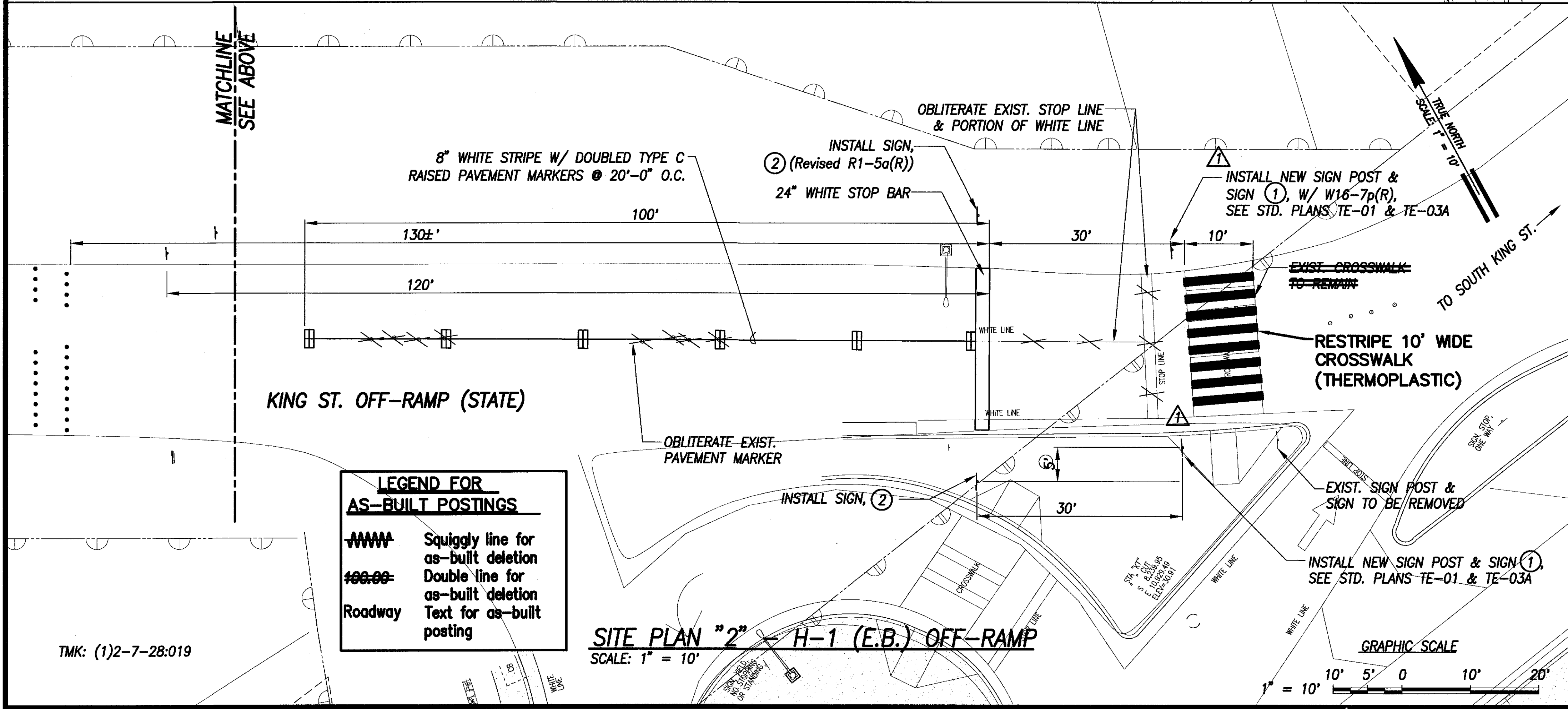
Black legend on  
fluorescent yellow green  
background

②:

Black legend on  
white background



**SITE PLAN "1" - H-1 (E.B.) OFF-RAMP**  
SCALE: 1" = 10'



**SITE PLAN "2" - H-1 (E.B.) OFF-RAMP**  
SCALE: 1" = 10'

**LEGEND FOR AS-BUILT POSTINGS**

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting

09/03/2010

DATE

REVISION

Revised sign locations, call-outs

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SITE PLAN**

**H-1 OFF-RAMP SIGNING & STRIPING**

*Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Waialae Rd. and S. King St.*

Proj. No. 7601A-01-09

Scale: 1" = 10'-0"      Date: March 2010

**SHEET No. C-17 OF 41 SHEETS**

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Stacy K. Yokoo, P.E.  
April 30, 2012  
DATE

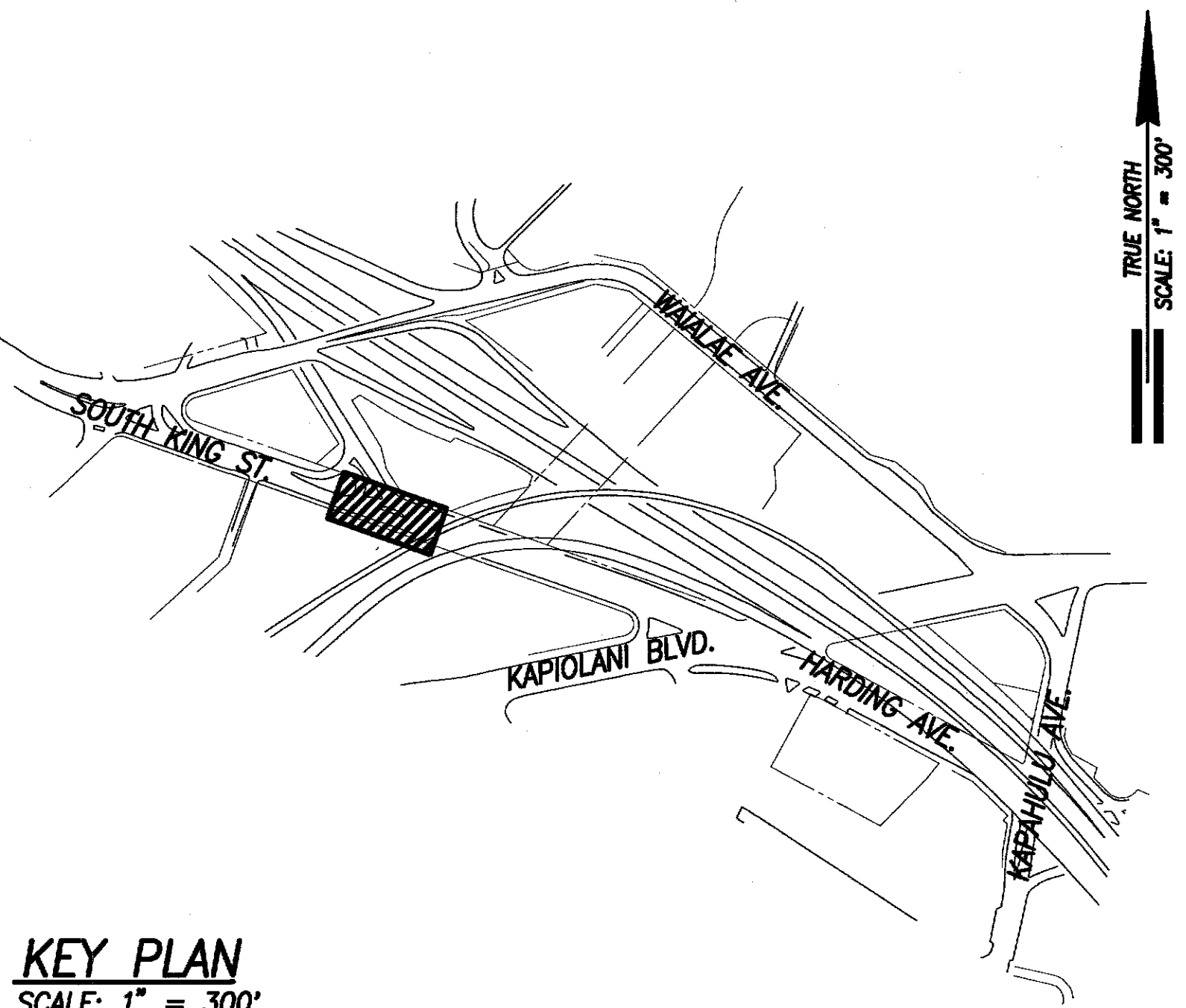
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS."

DESIGNED BY	DATE
CHECKED BY	
IN CHARGE	
APPROVED BY	
NOTED BY	
QUANTITIES BY	
CALCULATED BY	
ORIGINAL PLAN	
NO. 1	

TMK: (1)2-7-28:019



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	19	41

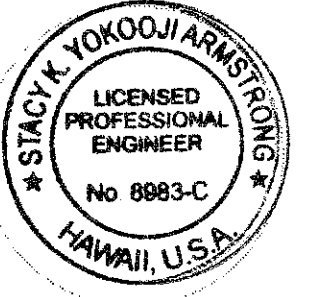
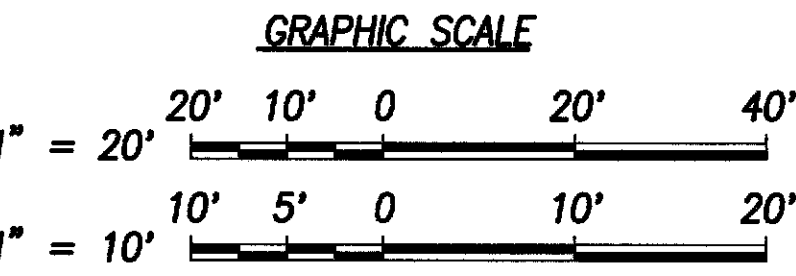


**KEY PLAN**  
SCALE: 1" = 300'

- |                                                                                          |                                                                                         |
|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| ① 304°33'20" → 44.60'<br>TIE: BM TO INTERSECTION OF CONNECTION PT. AND CURB FACE         | ④ 289°23'35" → 113.66'<br>TIE: CHORD END TO INTERSECTION OF CHORD START AND CURB FACE   |
| ② 89°59'38" → 41.07'<br>TIE: CONNECTION PT. TO INTERSECTION OF CHORD START AND CURB FACE | ⑤ 208°28'50" → 3.95'<br>TIE: CHORD START TO INTERSECTION OF CHORD END AND CURB FACE     |
| ③ 9°41'36" → 3.94'<br>TIE: CHORD START TO INTERSECTION OF CHORD END AND CURB FACE        | ⑥ 127°34'04" → 33.31'<br>TIE: CHORD END TO INTERSECTION OF CONNECTION PT. AND CURB FACE |

**LEGEND**

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



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*Stacy K. Yokoo* April 30, 2012  
SIGNATURE DATE

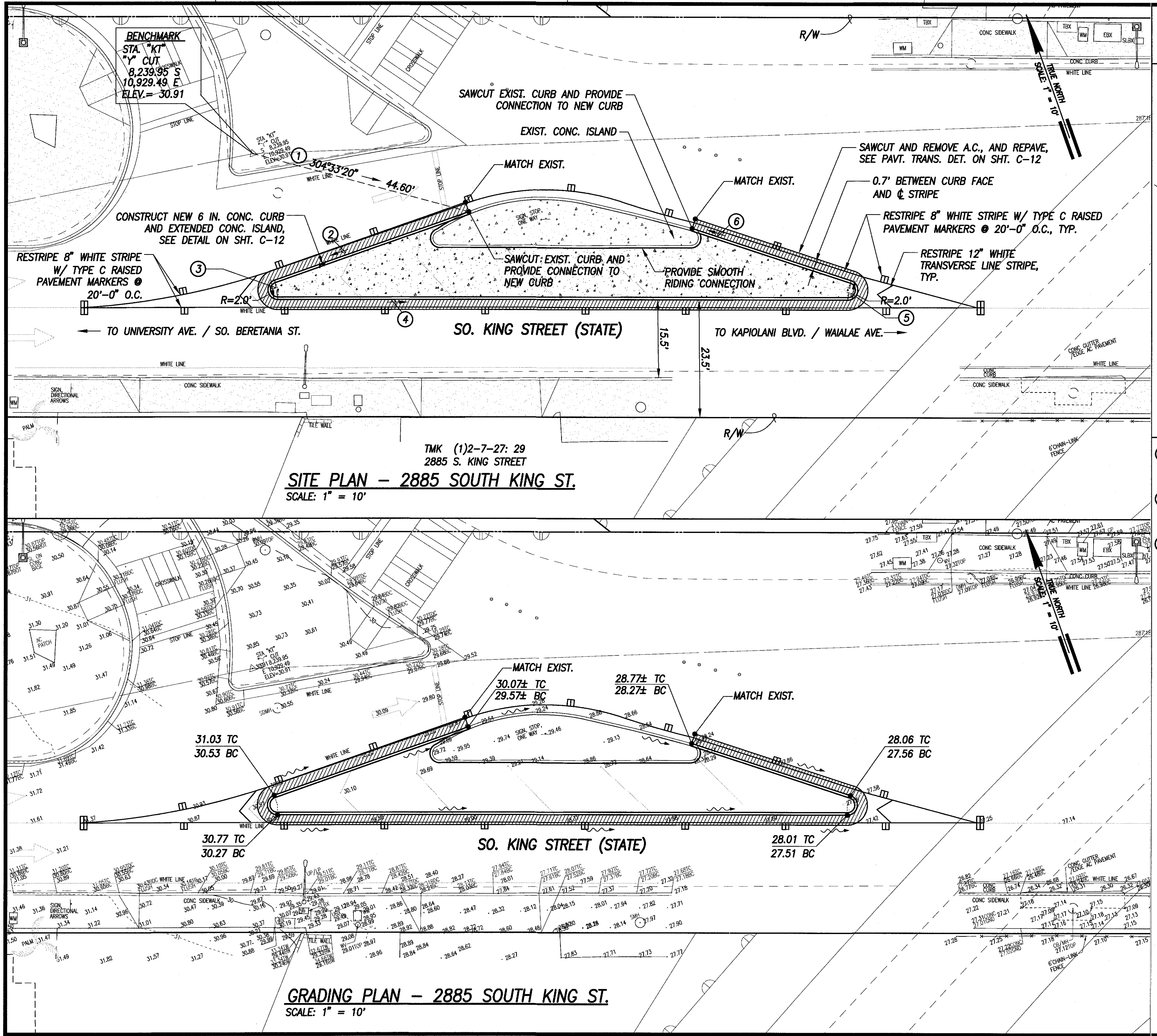
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 18-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SITE & GRADING PLAN**  
**S. KING ST. AT 2885 S. KING ST.**  
*Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Waialeale Rd. and S. King St.*  
Proj. No. 7601A-01-09

Scale: 1" = 10'-0" Date: March 2010

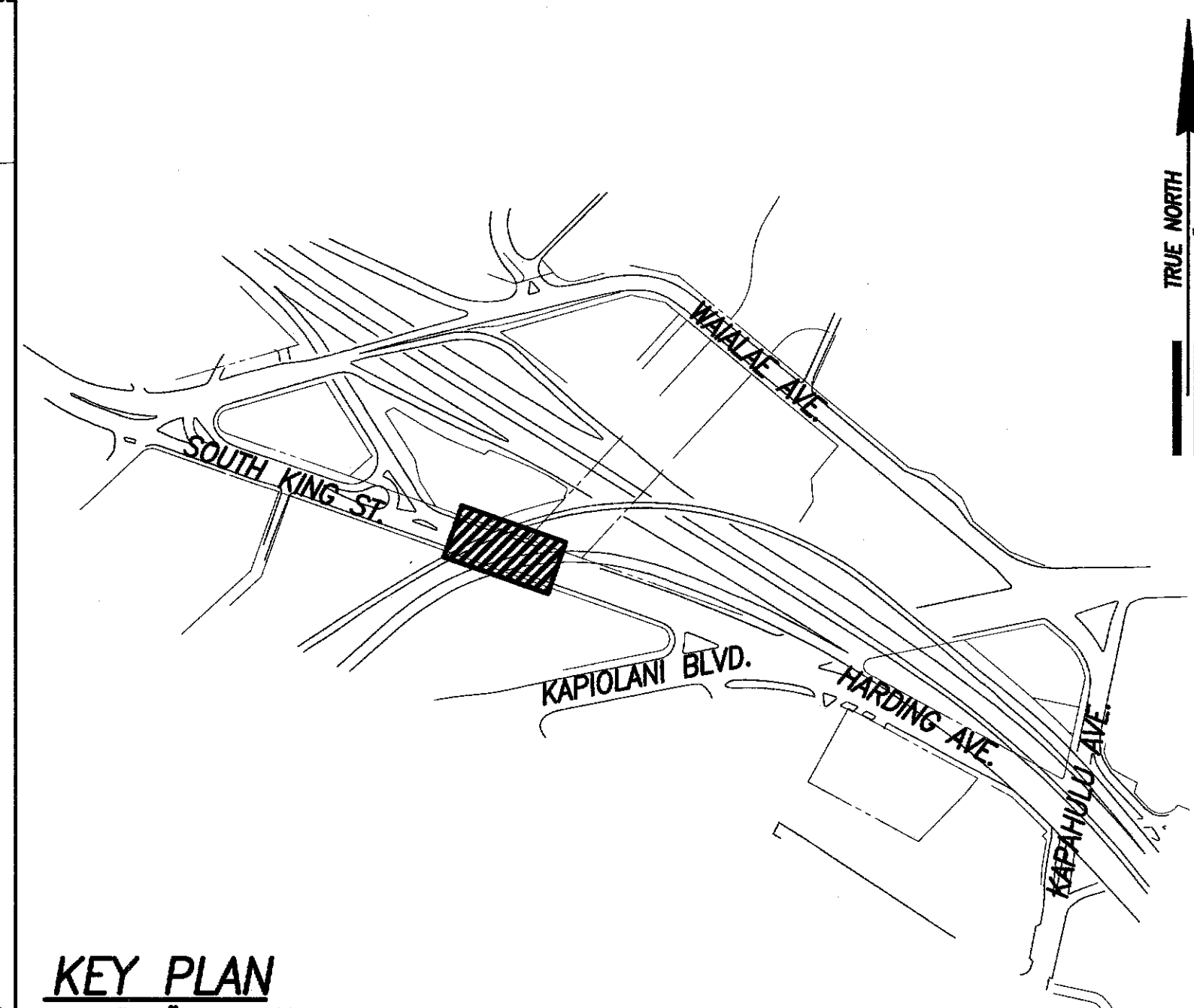
**SHEET No. C-18 OF 41 SHEETS**



DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
CHECKED BY	_____
NOTE BOOK	_____
No.	_____



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	20	41



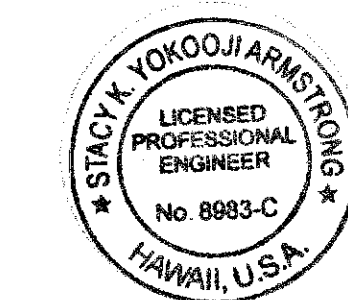
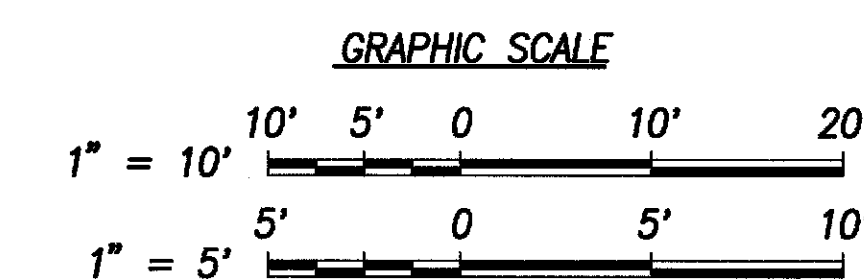
**KEY PLAN**  
SCALE: 1" = 300'

**LEGEND**

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

**LEGEND FOR AS-BUILT POSTINGS**

	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting



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*Stack Yokoji Armstrong*  
SIGNATURE    DATE: April 30, 2012

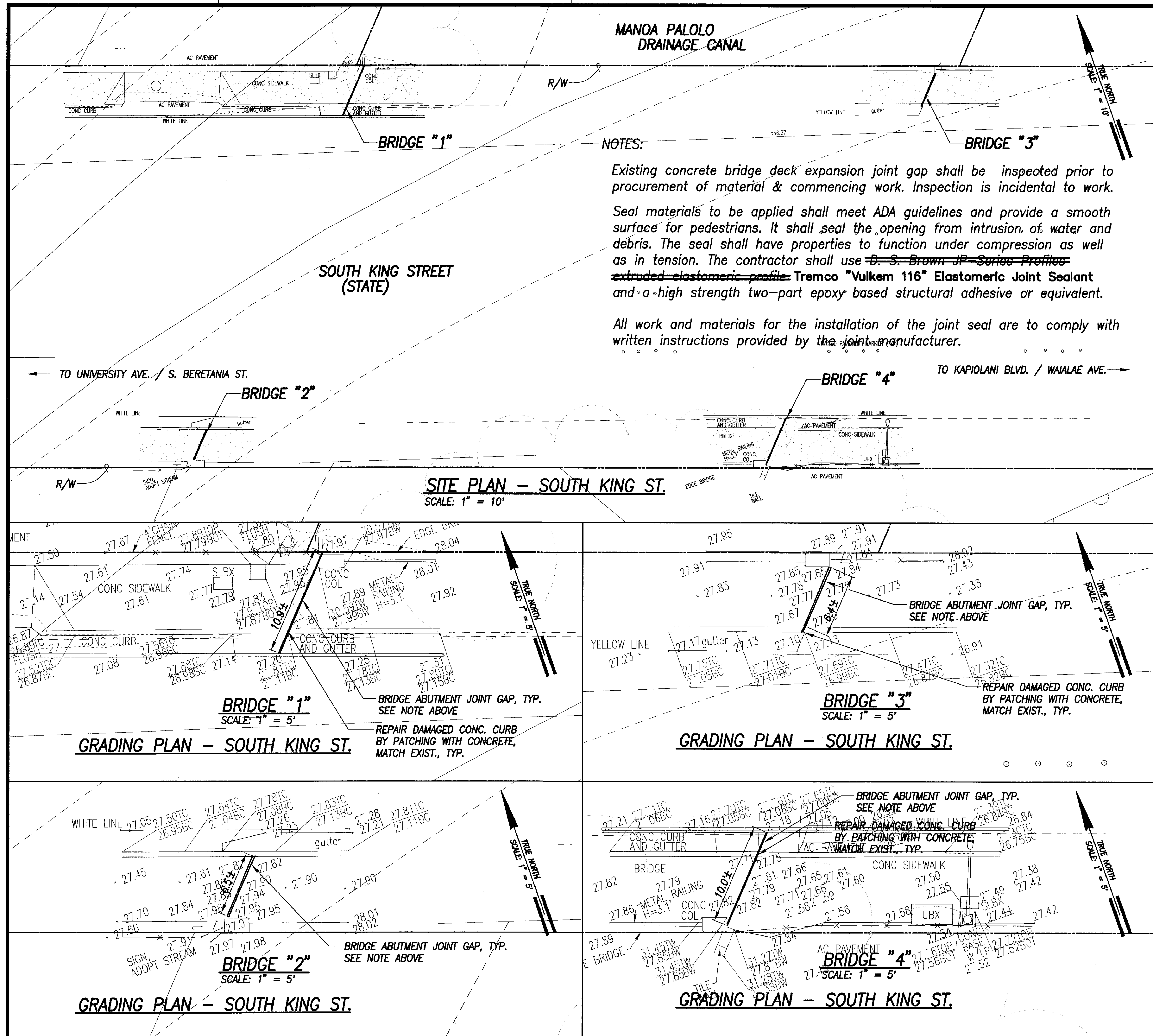
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SITE & GRADING PLAN**  
**S. KING ST. BRIDGE ABUTMENTS**  
*Pedestrian Facilities & ADA Compliance,*  
*Vicinity of Old Wai'alae Rd. and S. King St.*  
Proj. No. 7601A-01-09

Scale: 1" = 10'-0"    Date: March 2010

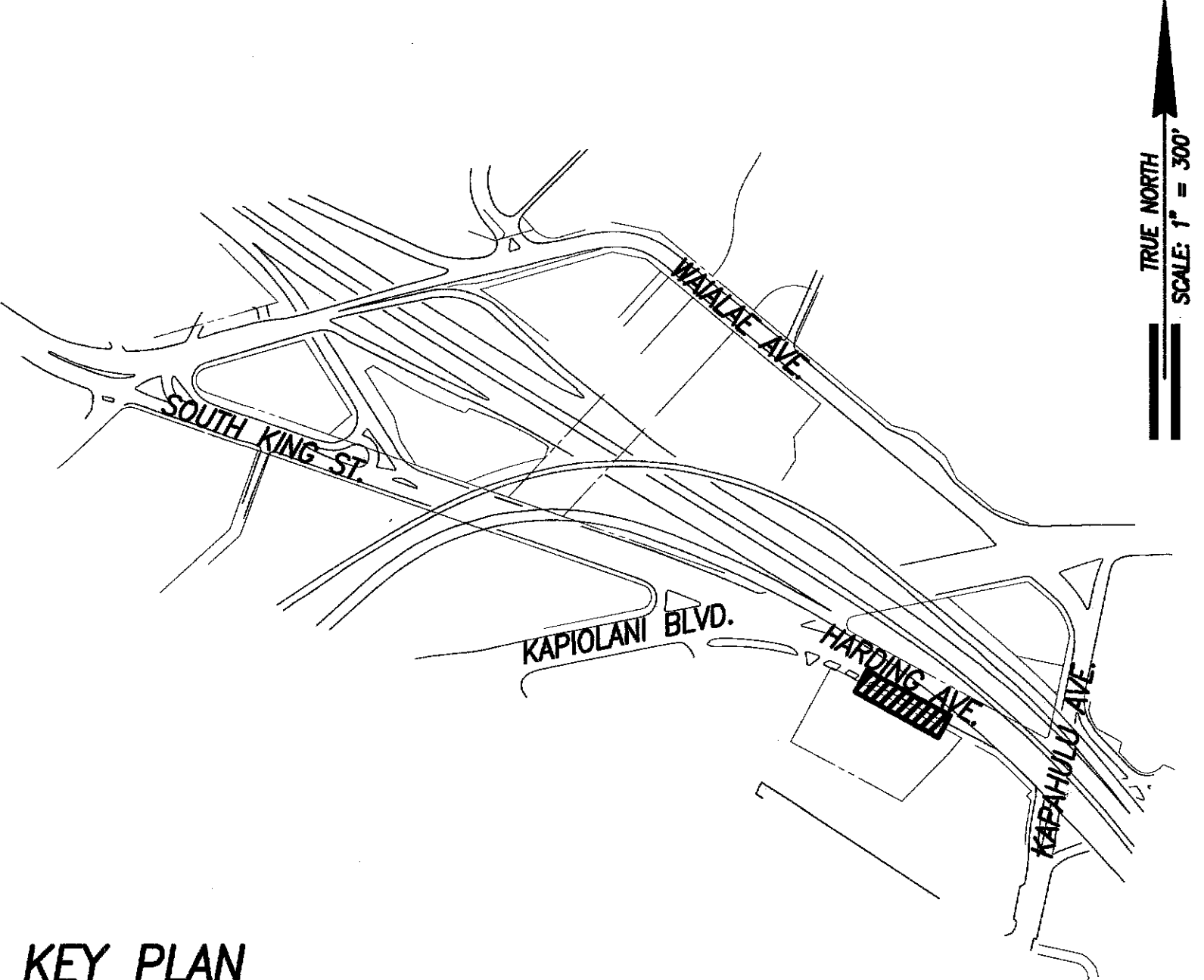
**SHEET No. C-19 OF 41 SHEETS**



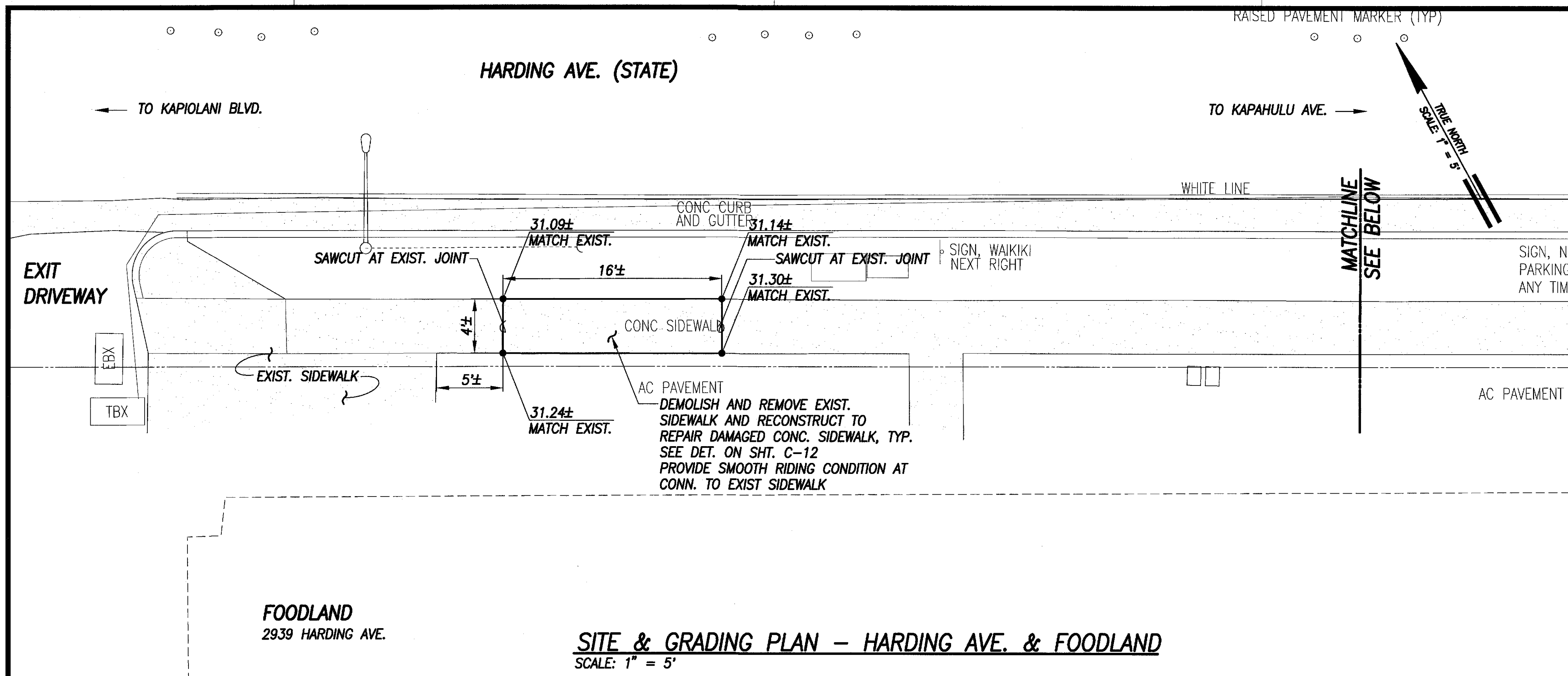
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	21	41



**KEY PLAN**  
SCALE: 1" = 300'



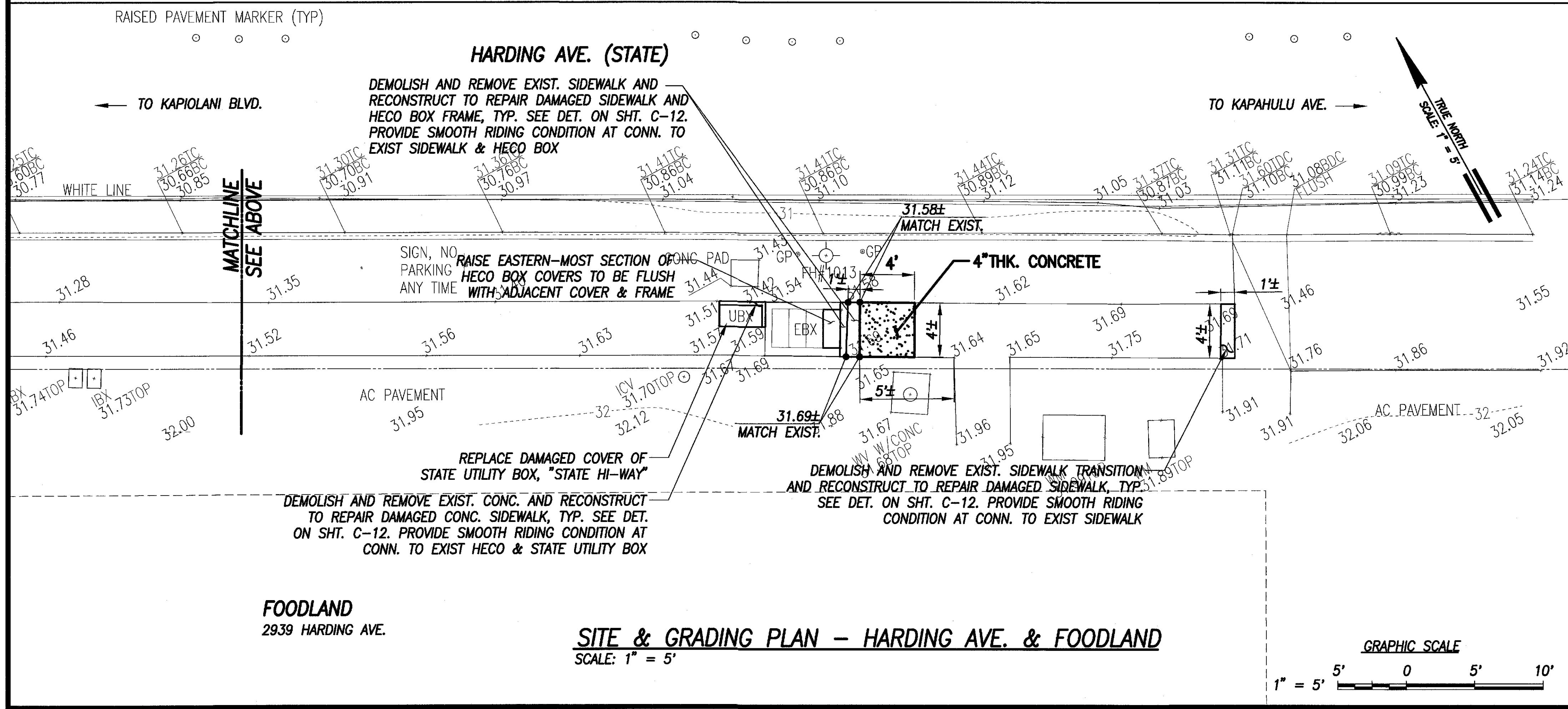
**SITE & GRADING PLAN - HARDING AVE. & FOODLAND**  
SCALE: 1" = 5'

**LEGEND**

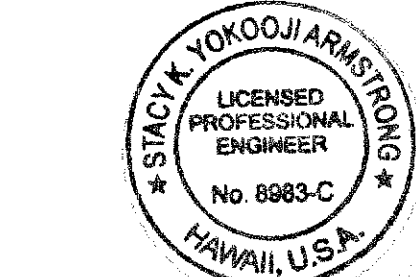
36.13	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT GRADE
51.50 TC	FINISHED TOP OF CURB
51.00 BC	FINISHED BOTTOM OF CURB

**LEGEND FOR AS-BUILT POSTINGS**

~~~~~	Squiggly line for as-built deletion
==	Double line for as-built deletion
_____	Text for as-built posting

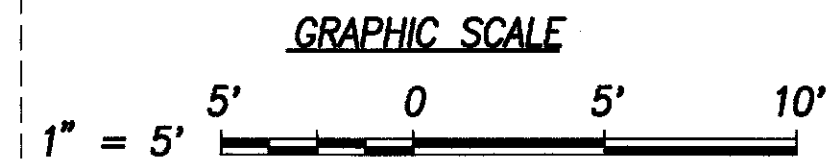


SITE & GRADING PLAN - HARDING AVE. & FOODLAND
SCALE: 1" = 5'

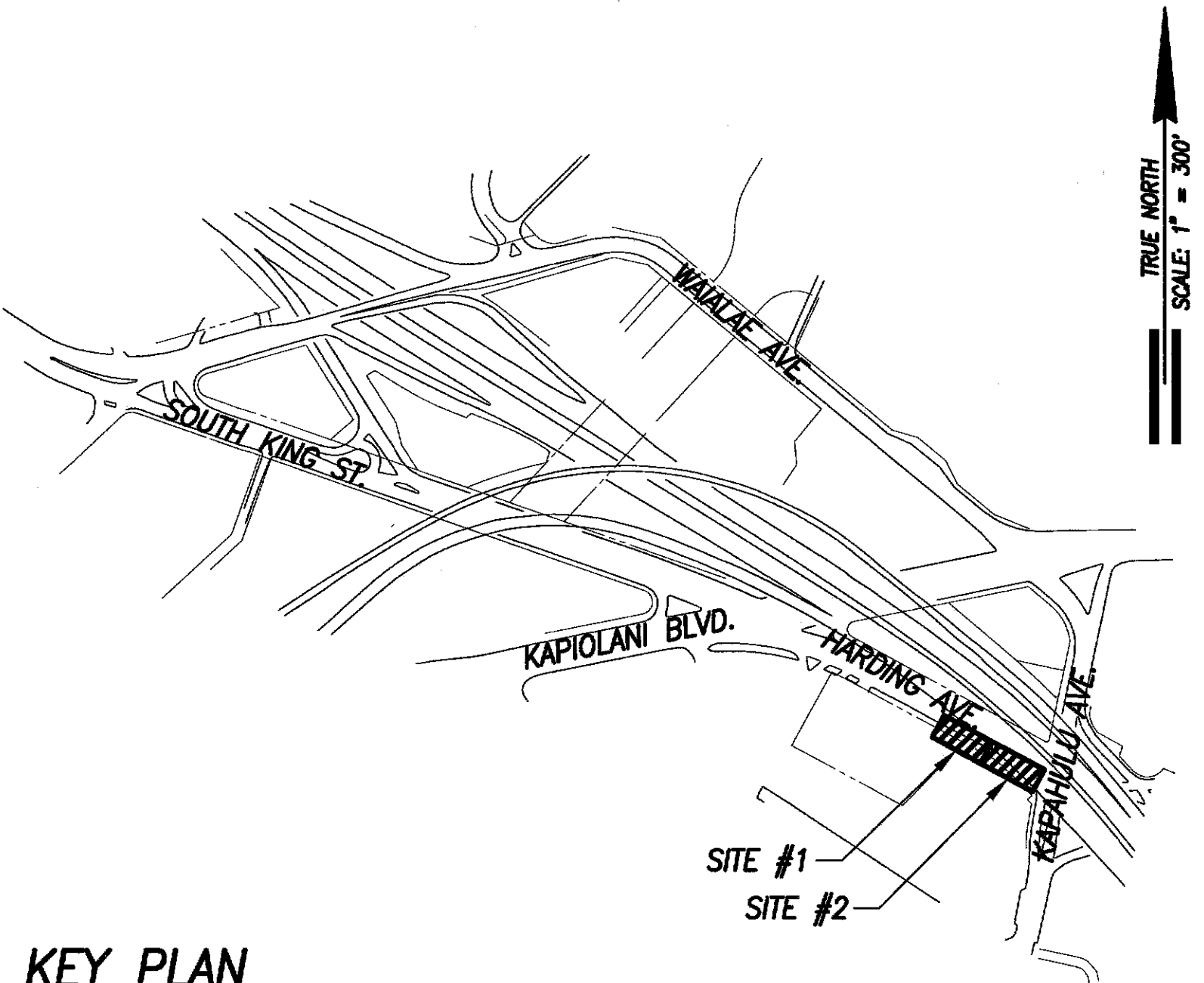


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
 SIGNATURE: *Stacy K. Yokoojari* DATE: April 30, 2012
 "OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

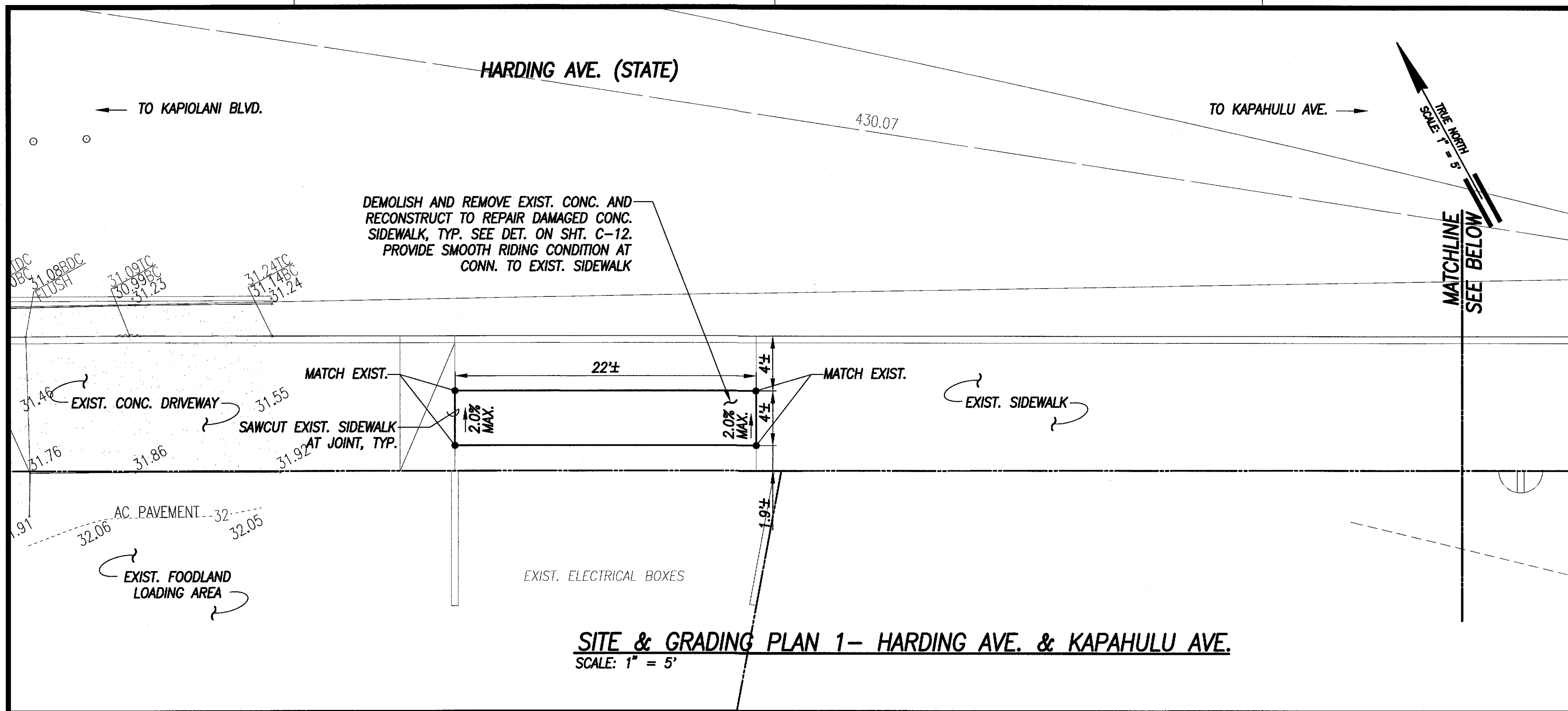
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SITE & GRADING PLAN
HARDING AVE. & FOODLAND
Pedestrian Facilities & ADA Compliance,
Vicinity of Old Waialeale Rd. and S. King St.
 Proj. No. 7601A-01-09
 Scale: 1" = 5'-0" Date: March 2010
SHEET No. C-20 OF 41 SHEETS



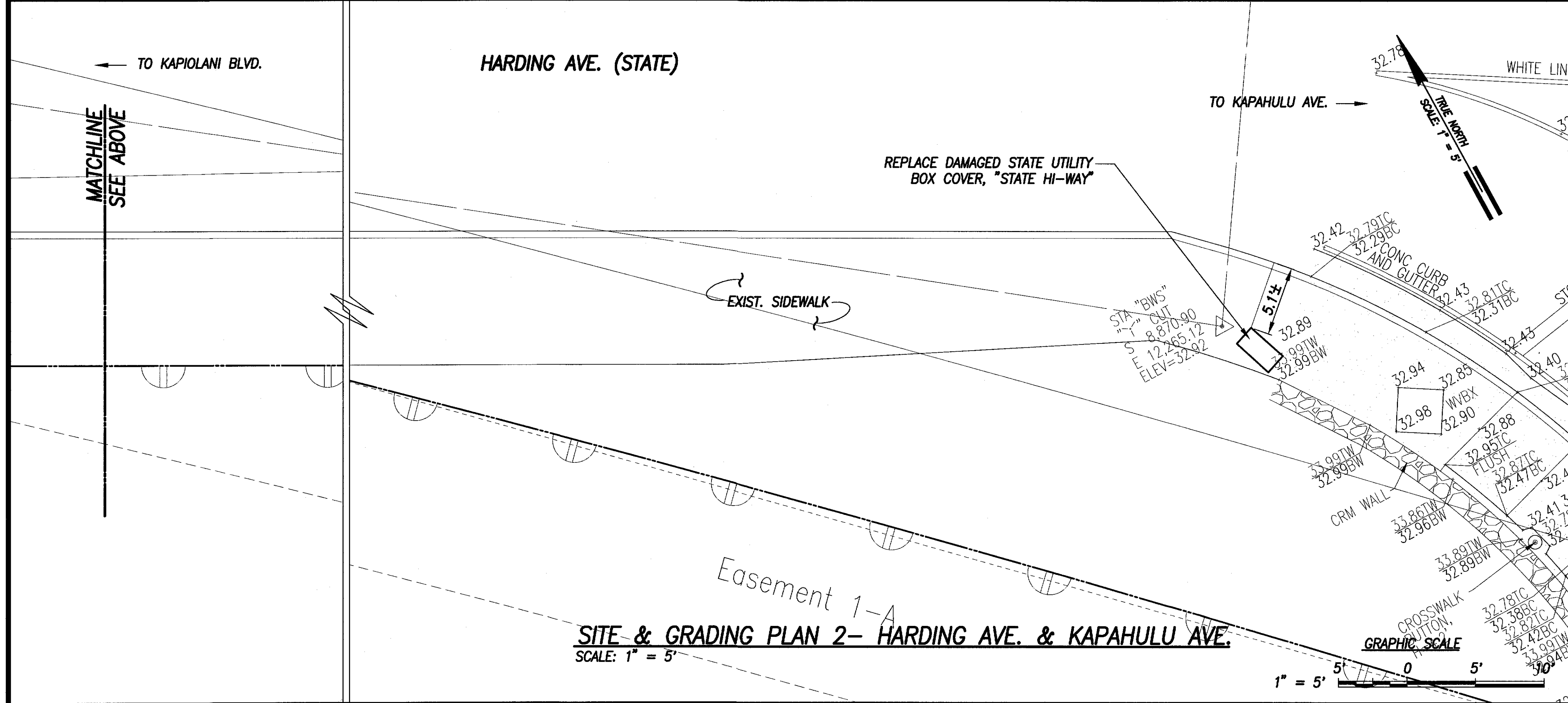
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	22	41



KEY PLAN
SCALE: 1" = 300'



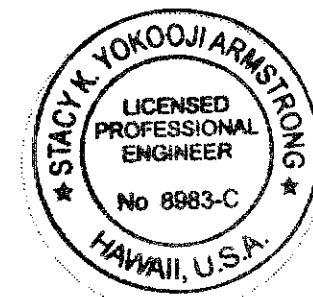
SITE & GRADING PLAN 1- HARDING AVE. & KAPAHULU AVE.
SCALE: 1" = 5'



SITE & GRADING PLAN 2- HARDING AVE. & KAPAHULU AVE.
SCALE: 1" = 5'

LEGEND

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



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

Stacy K. Yokooji April 30, 2012
SIGNATURE DATE

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
HARDING AVE. & KAPAHULU AVE.

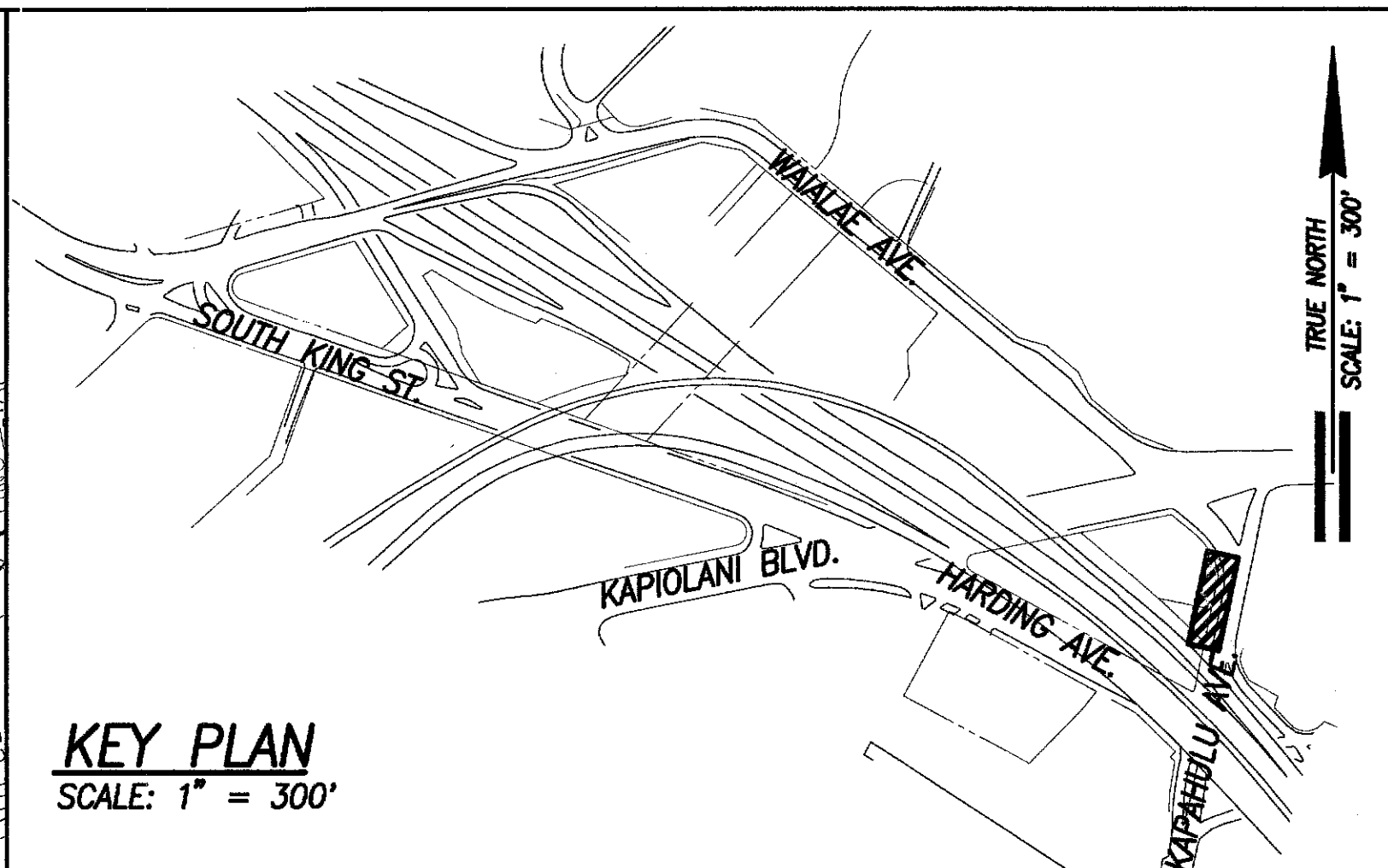
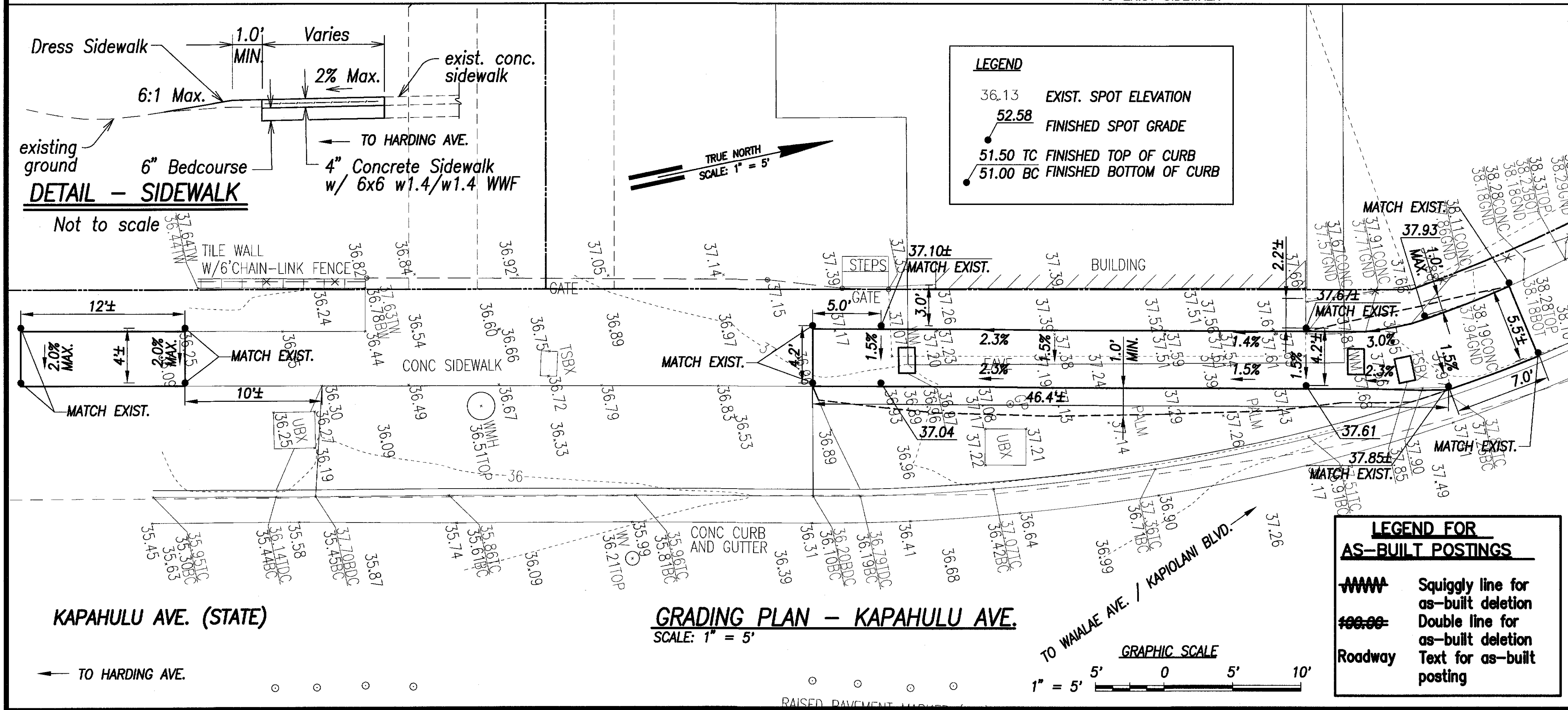
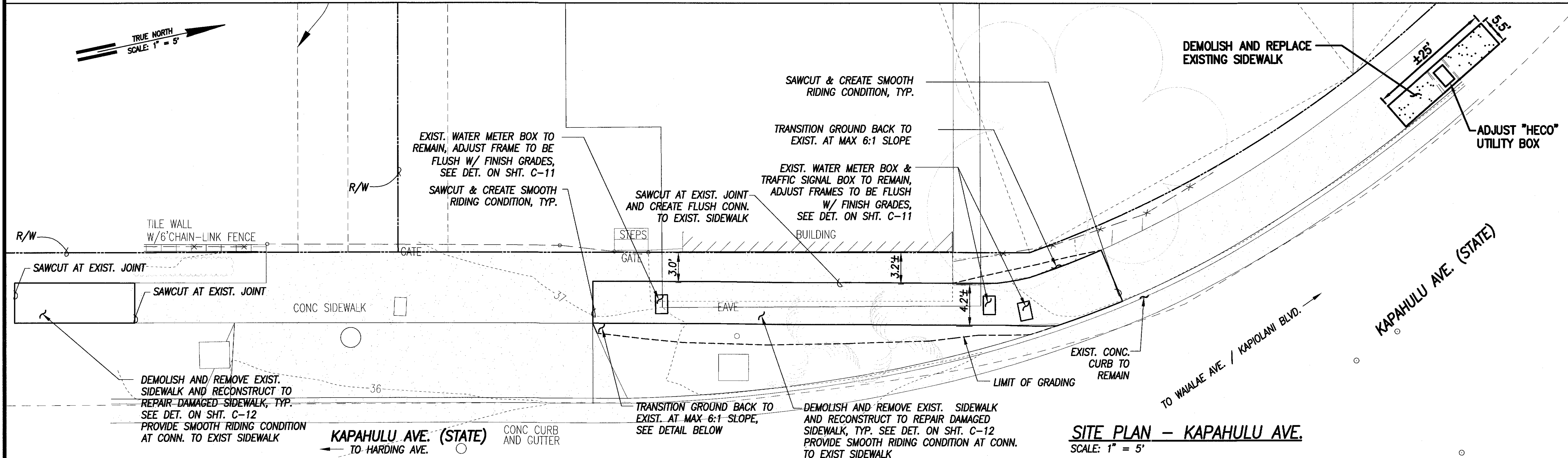
Pedestrian Facilities & ADA Compliance,
Vicinity of Old Waialae Rd. and S. King St.
Proj. No. 7601A-01-09

Scale: 1" = 5'-0" Date: March 2010

SHEET No. C-21 OF 41 SHEETS

DESIGNED BY	DATE
TRACED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
No.	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	23	41



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
IN CHARGE	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.

Approved: _____

Chief, Capital Projects Division, BWS

Date: _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
KAPAEHULU AVE.

*Pedestrian Facilities & ADA Compliance,
Vicinity of Old Wailae Rd. and S. King St.*

Proj. No. 7601A-01-09

Scale: 1" = 5'-0" Date: March 2010

SHEET No. C-22 OF 41 SHEETS

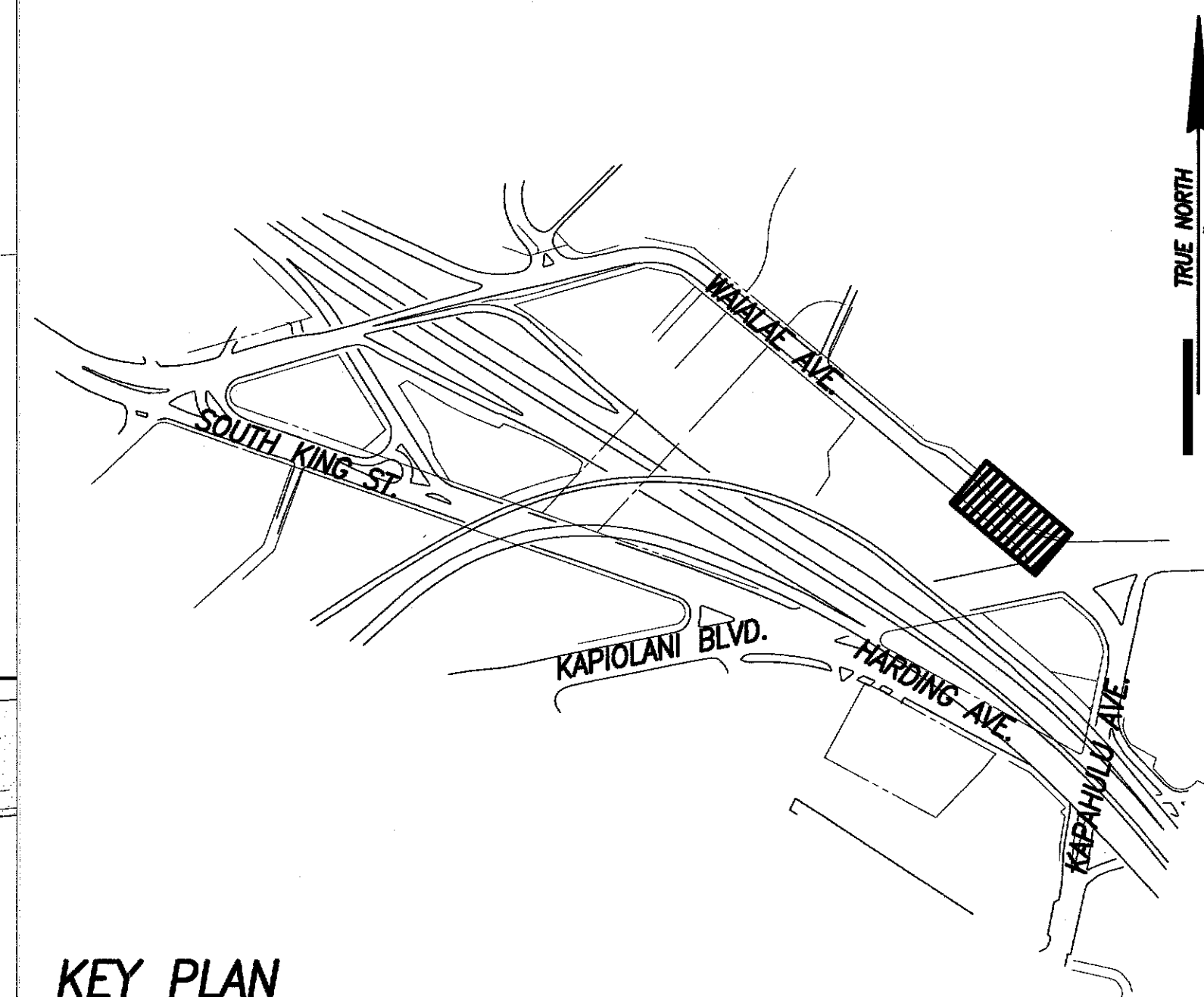
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

April 30, 2012

DATE

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	25	41

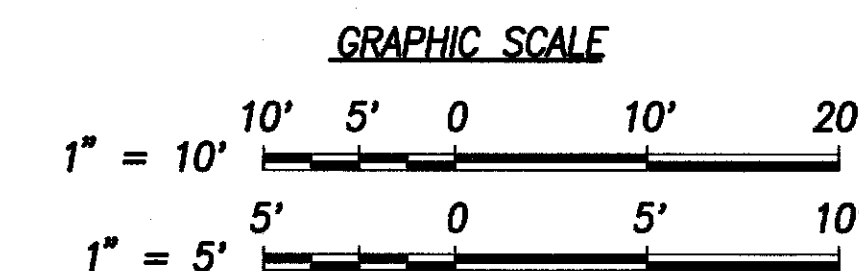


KEY PLAN
SCALE: 1" = 300'

- ① 298°14'26" → 233.14'
TIE: BM TO INTERSECTION OF
RAMP AND CURB FACE

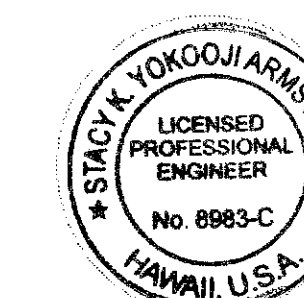
LEGEND

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



Approved:

Chief, Capital Projects Division, BWS Date



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Signature: *Stacy K. Yokojima* Date: April 30, 2012

"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

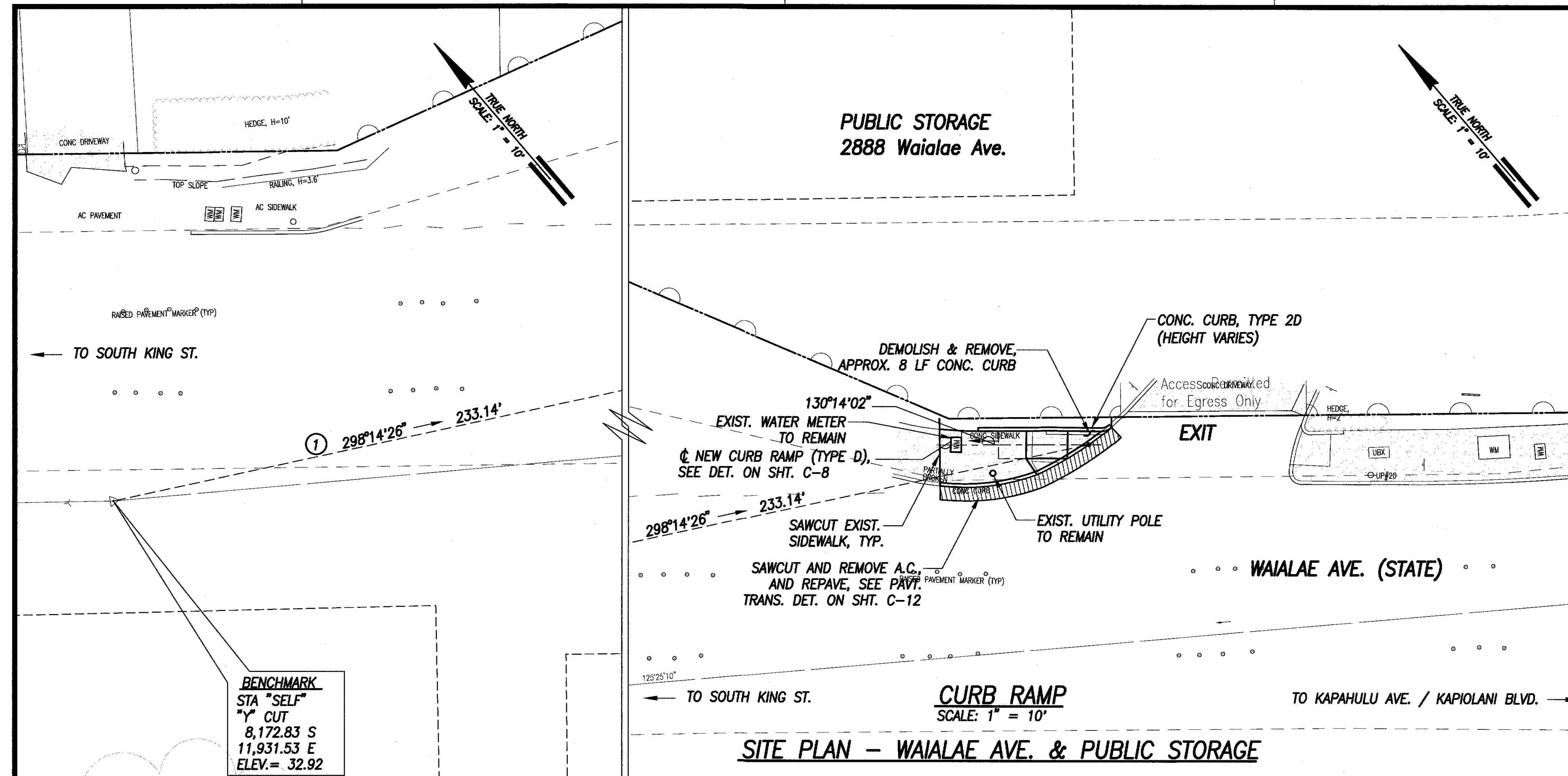
SITE & GRADING PLAN
WAIALAE AVE. & PUBLIC STORAGE

*Pedestrian Facilities & ADA Compliance,
Vicinity of Old Wai'alae Rd. and S. King St.*

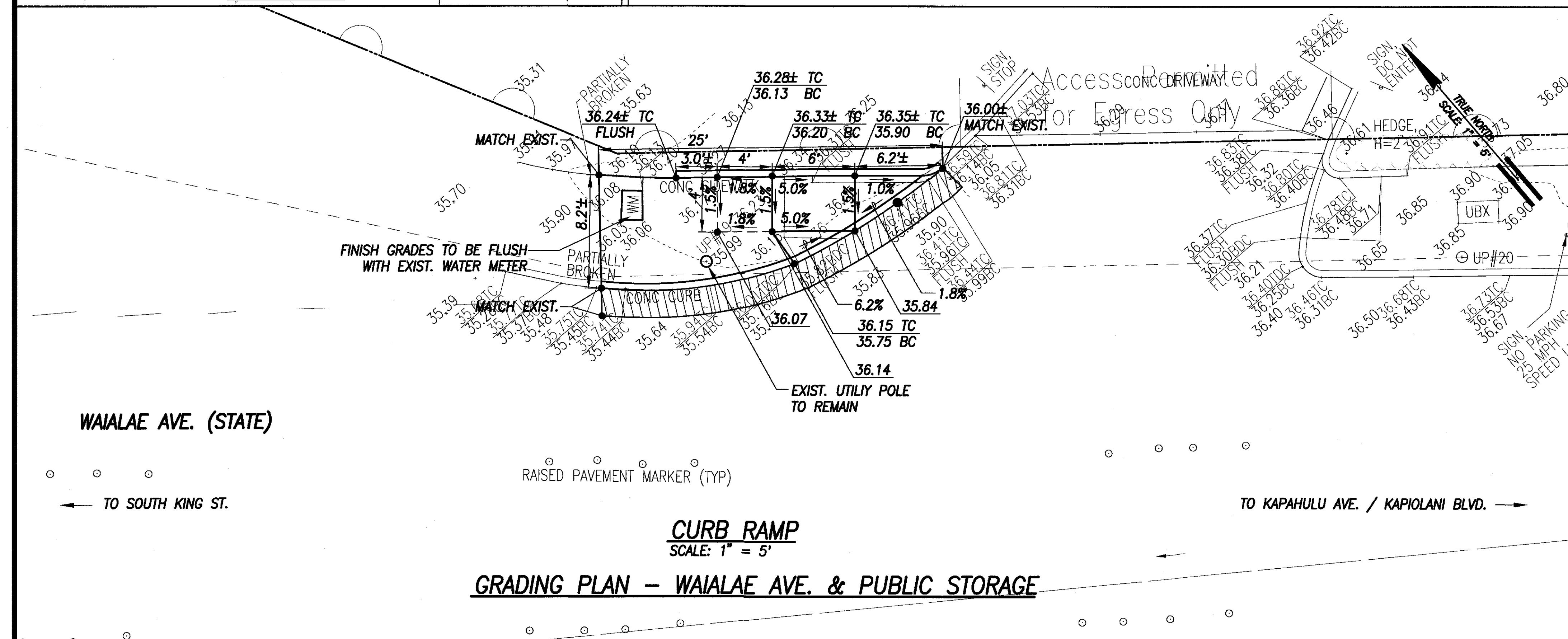
Proj. No. 7601A-01-09

Scale: 1" = 10'-0" Date: March 2010

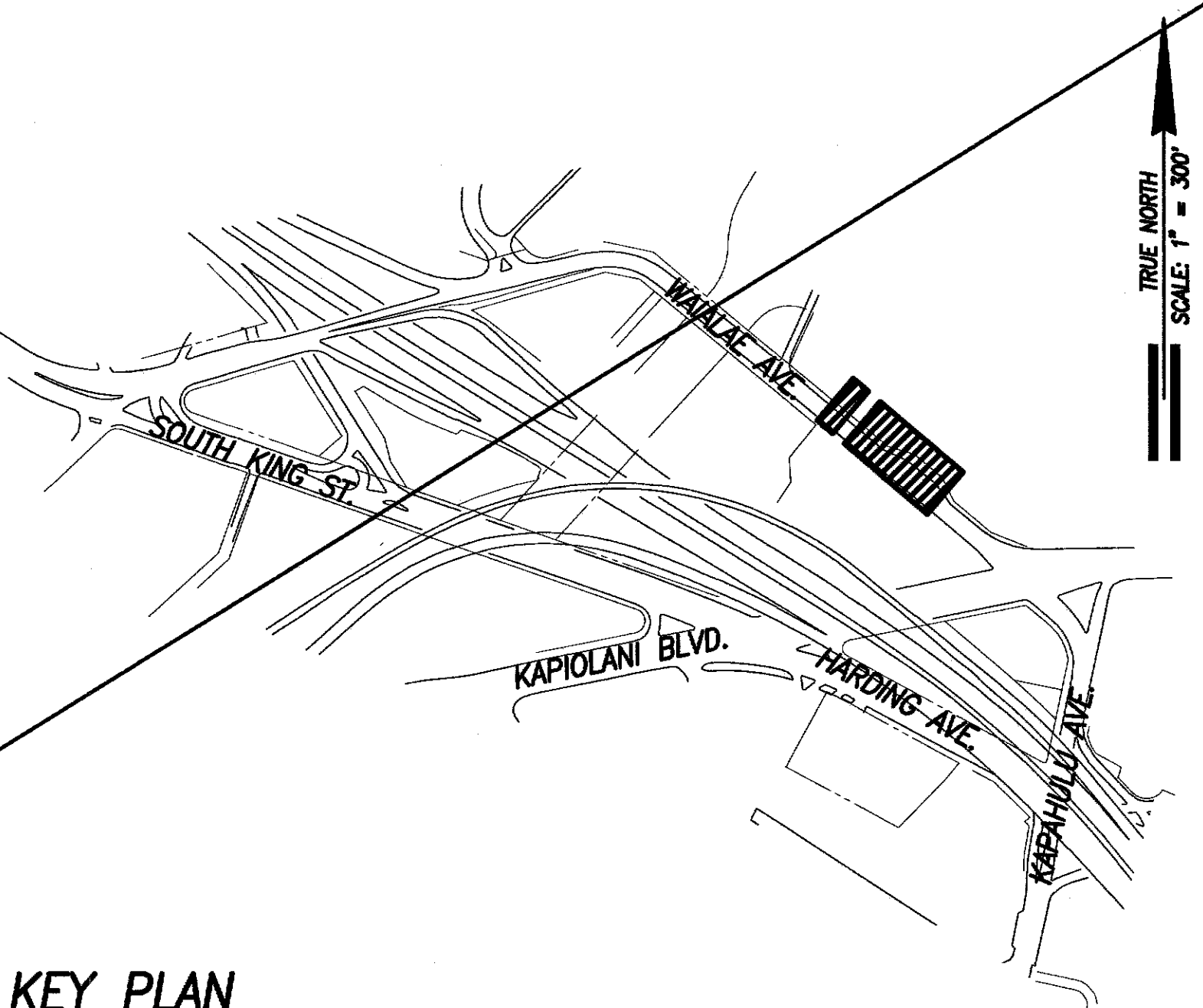
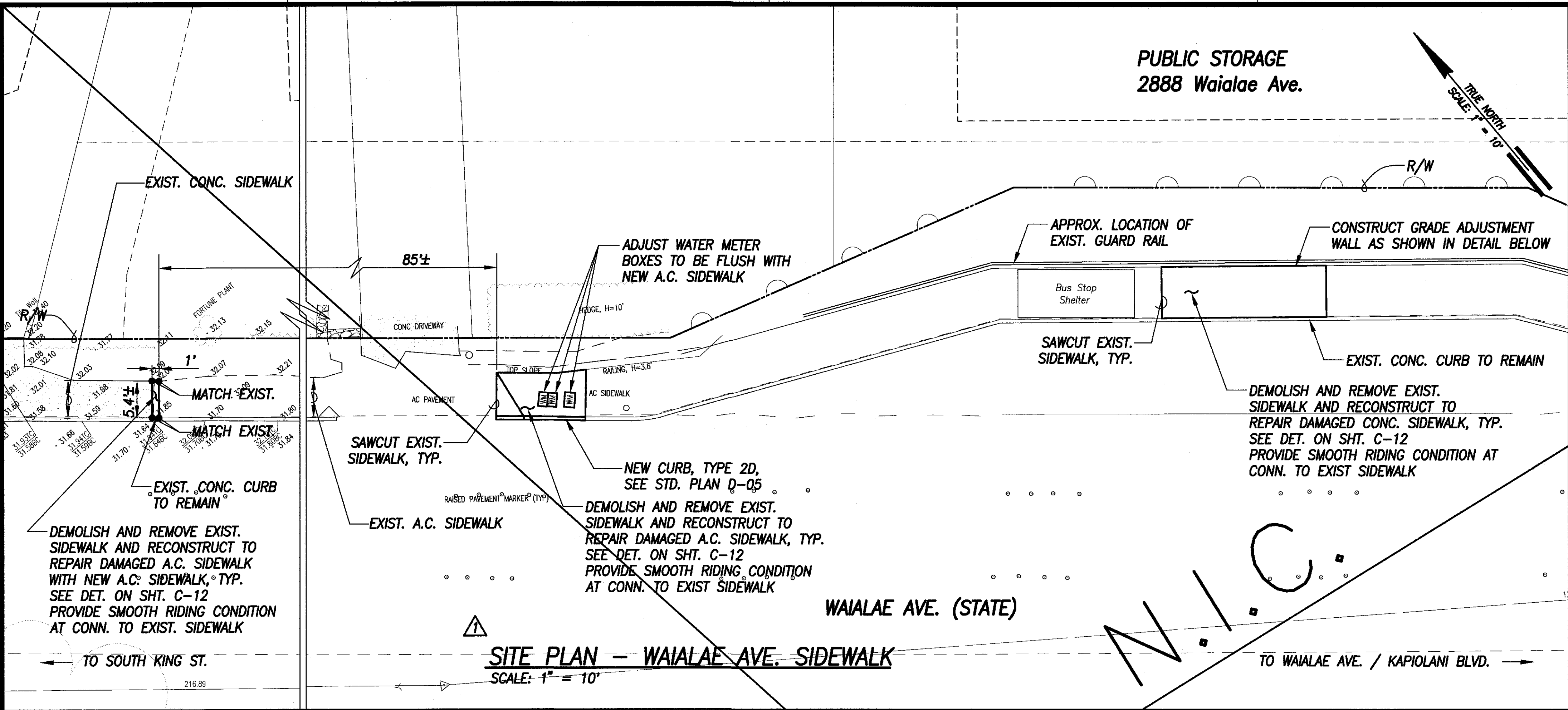
SHEET No. C-24 OF 41 SHEETS



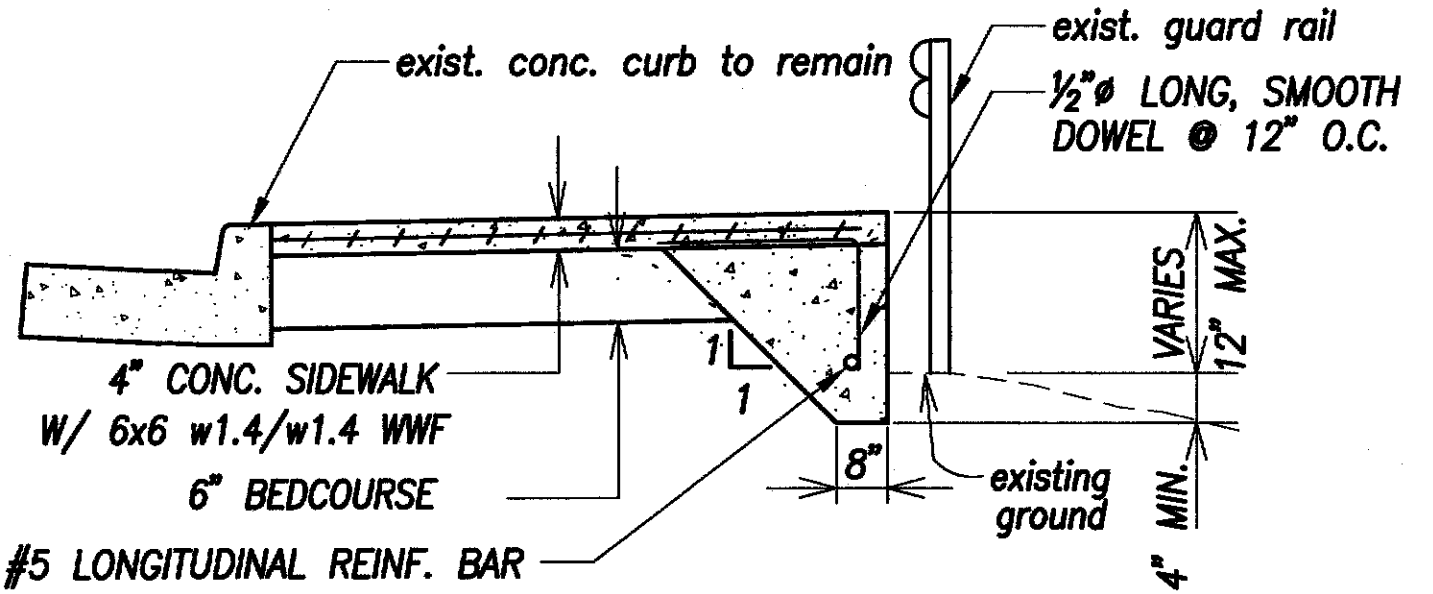
SITE PLAN - WAIALAE AVE. & PUBLIC STORAGE



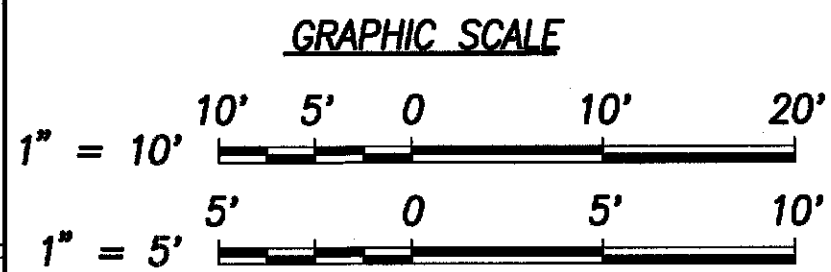
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	28	41



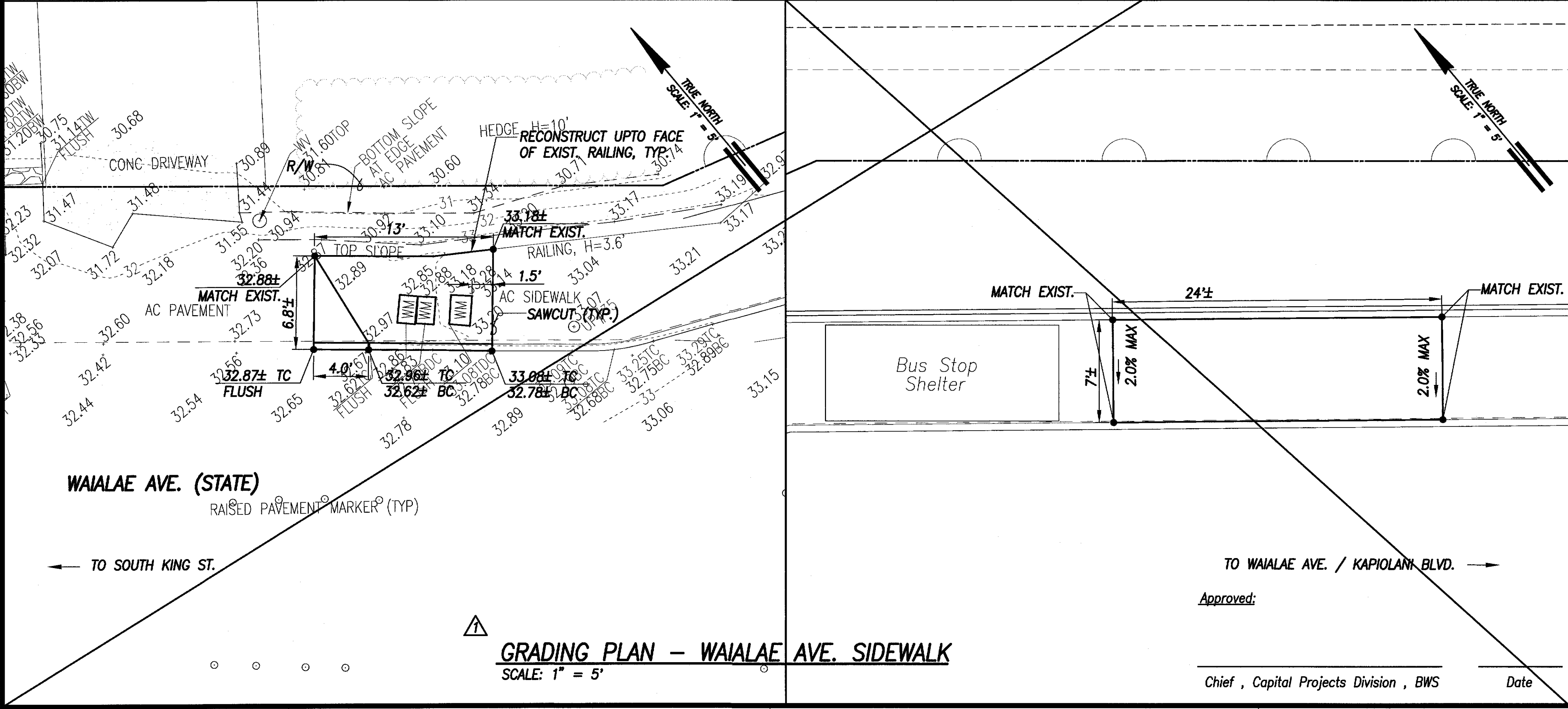
KEY PLAN
SCALE: 1" = 300'



DETAIL - GRADE ADJUSTMENT WALL
NOT TO SCALE

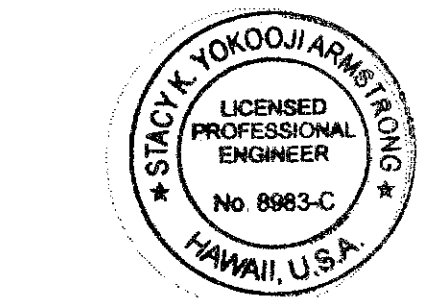


LEGEND	
36.13	EXIST. SPOT ELEVATION
52.58	FINISHED SPOT GRADE
51.50 TC	FINISHED TOP OF CURB
51.00 BC	FINISHED BOTTOM OF CURB



GRADING PLAN - WAIALAE AVE. SIDEWALK
SCALE: 1" = 5'

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



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Stack Y. Yokoo April 30, 2012
SIGNATURE DATE

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

09/03/2010	N.I.C.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITE & GRADING PLAN WAIALAE AVE. SIDEWALK <i>Pedestrian Facilities & ADA Compliance,</i> <i>Vicinity of Old Waialae Rd. and S. King St.</i> <i>Proj. No. 7601A-01-09</i> Scale: 1" = 10'-0" Date: March 2010	
SHEET No. C-25 OF 41 SHEETS	

Approved: _____

Chief, Capital Projects Division, BWS

Date

04

Access Permitted
for ingress Only

WAIALAE AVE. (STATE)

SIDEWALK "1"

TO SOUTH KING ST.
RAISED PAVEMENT MARKER (TYP)

SITE PLAN - WAIALAE AVE. AT STREAM BRIDGE

SCALE: 1" = 5'

Lot 2-0-4
(Map 5)

CLOSE EXIST. OPENING
BETWEEN BRIDGE CONC.
WALL AND CRM WALL

CONC RAILING

BRIDGE

SAWCUT AT EXIST.
SIDEWALK JOINT, TYP.

SIDEWALK "2"

TO KAPAHULU AVE. / KAPIOLANI BLVD.
RAISED PAVEMENT MARKER

DEMOLISH AND REMOVE EXIST.
SIDEWALK AND RECONSTRUCT TO
REPAIR DAMAGED A.C. SIDEWALK, TYP.
SEE DET. ON SHT. C-12 PROVIDE
SMOOTH RIDING CONDITION
AT CONN. TO EXIST SIDEWALK

DEMOLISH AND REMOVE EXIST.
SIDEWALK AND RECONSTRUCT TO
REPAIR DAMAGED A.C. SIDEWALK, TYP.
SEE DET. ON SHT. C-12 PROVIDE
SMOOTH RIDING CONDITION
AT CONN. TO EXIST SIDEWALK

SAWCUT AT EXIST.
SIDEWALK JOINT, TYP.

CONC WALL

CONC RAILING

BRIDGE

DEMOLISH AND REMOVE EXIST.
SIDEWALK AND RECONSTRUCT TO
REPAIR DAMAGED A.C. SIDEWALK, TYP.
SEE DET. ON SHT. C-12 PROVIDE
SMOOTH RIDING CONDITION
AT CONN. TO EXIST SIDEWALK

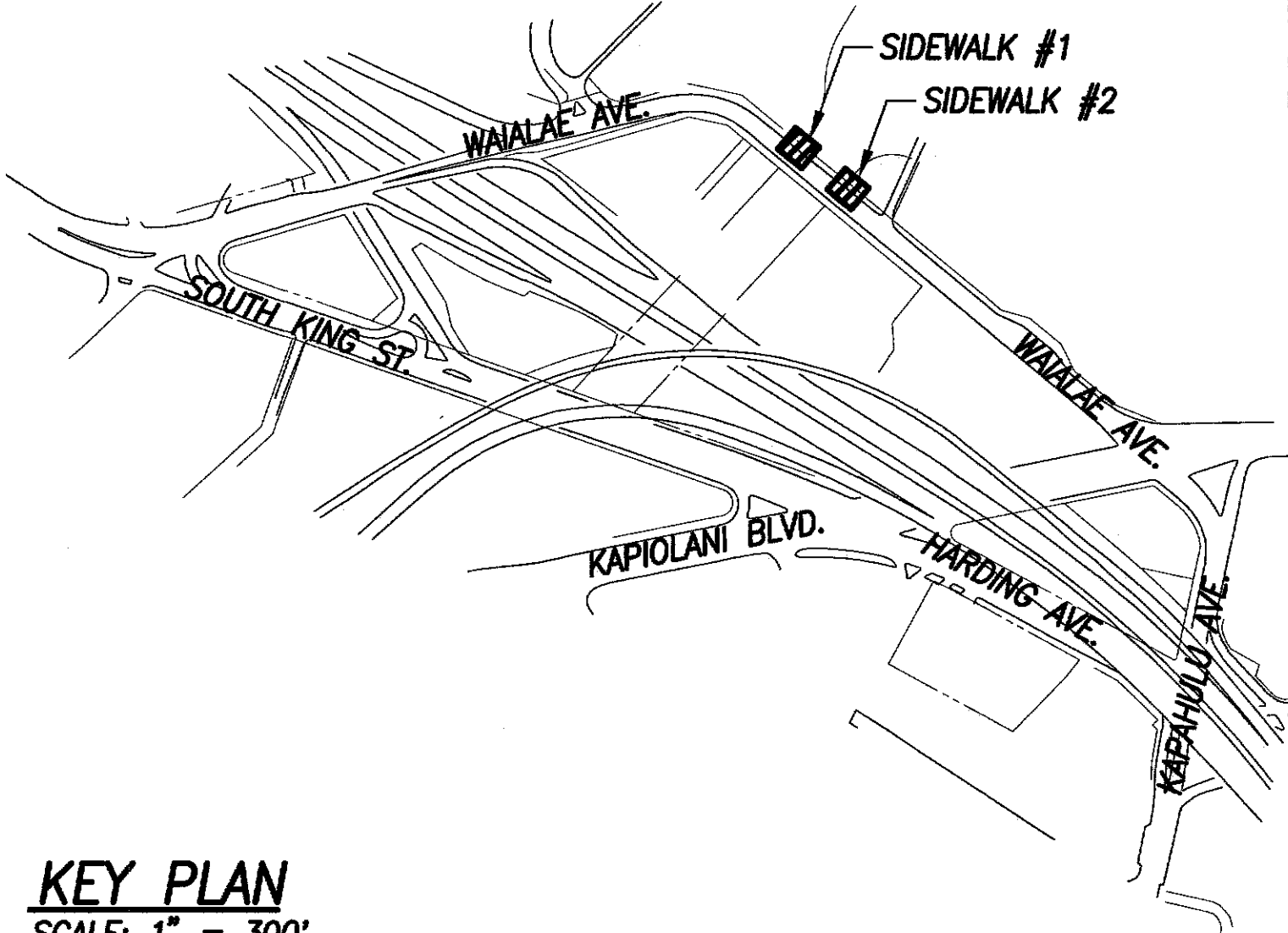
TILE WALL

MANOA PALOLO
DRAINAGE CANAL

TRUE NORTH
SCALE 1" = 5'

KEY PLAN

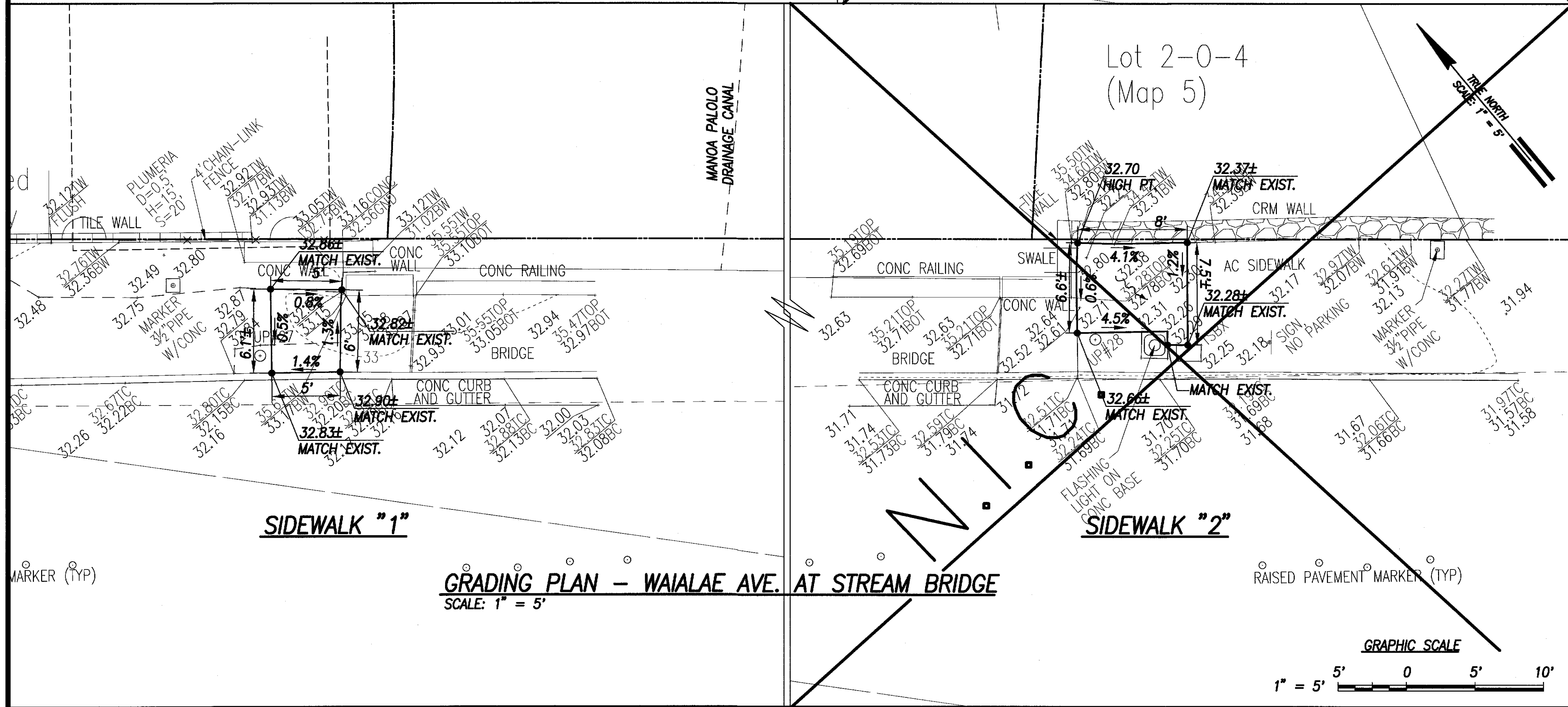
SCALE: 1" = 300'



TRUE NORTH
SCALE 1" = 300'

LEGEND

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



SIDEWALK "1"

GRADING PLAN - WAIALAE AVE. AT STREAM BRIDGE

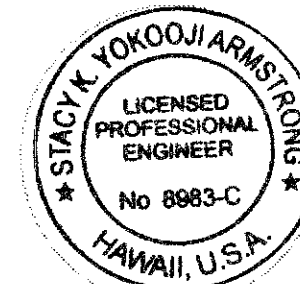
SCALE: 1" = 5'

SIDEWALK "2"

RAISED PAVEMENT MARKER (TYP)

GRAPHIC SCALE

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



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DATE April 30, 2012
SIGNATURE

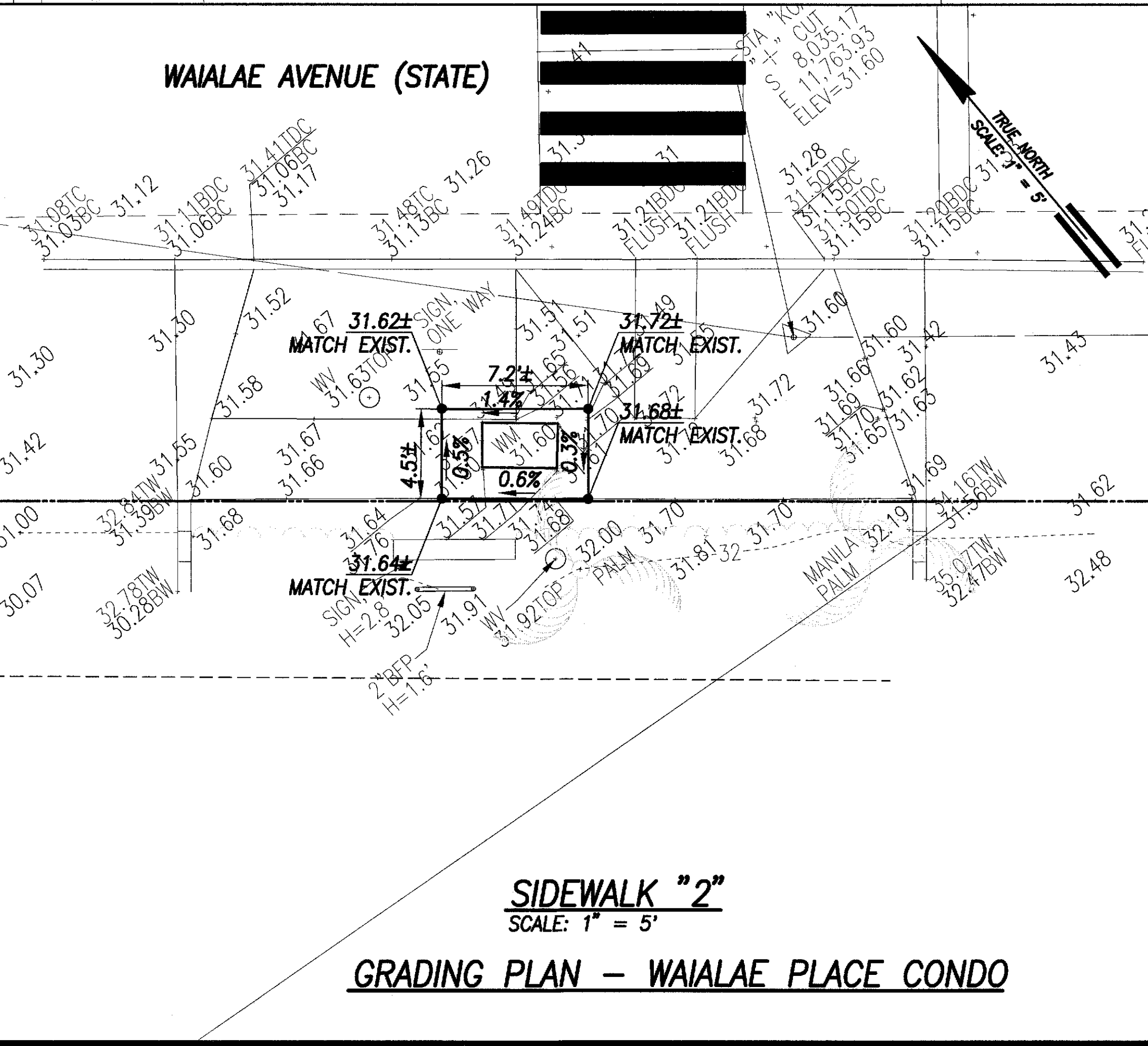
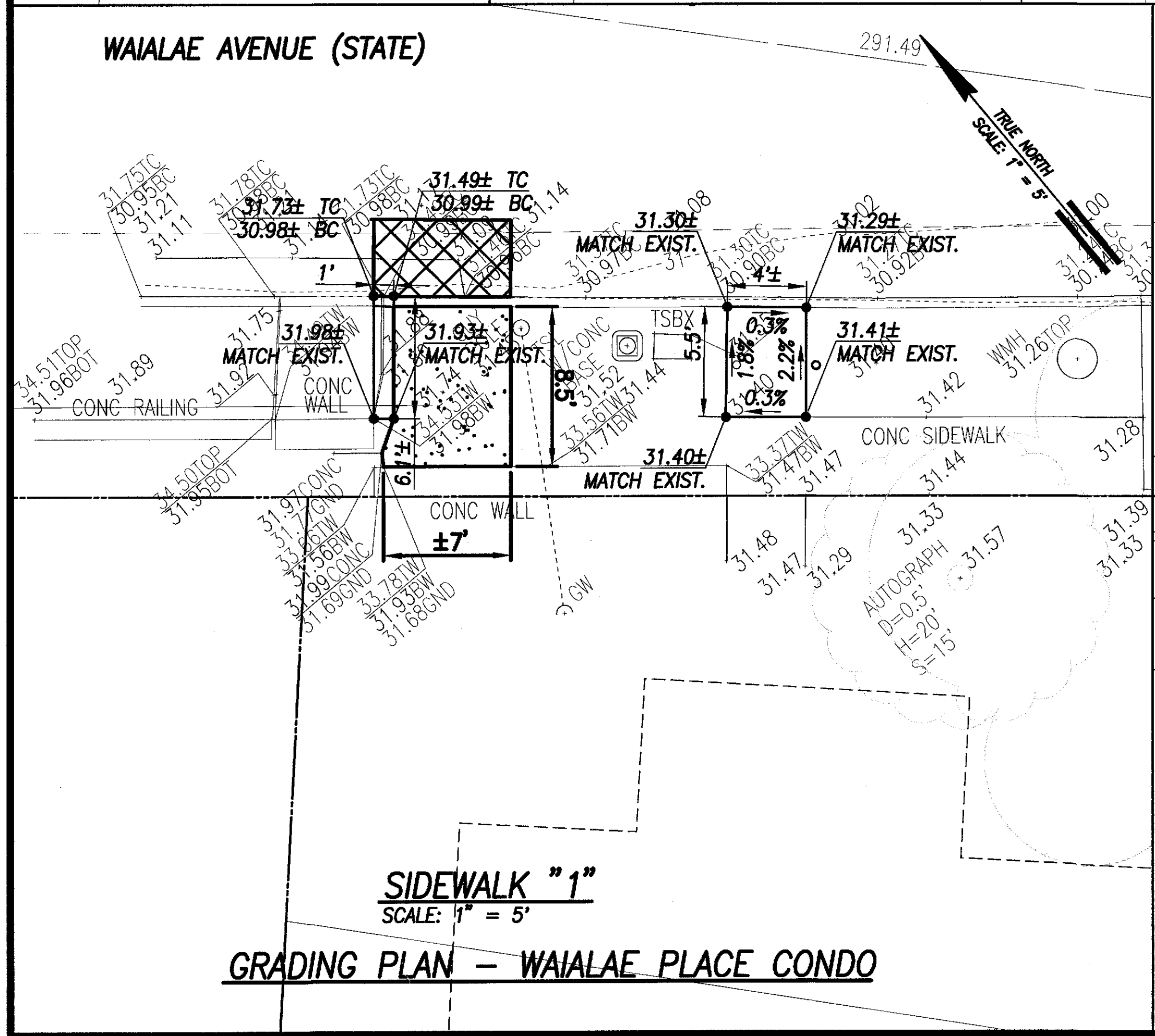
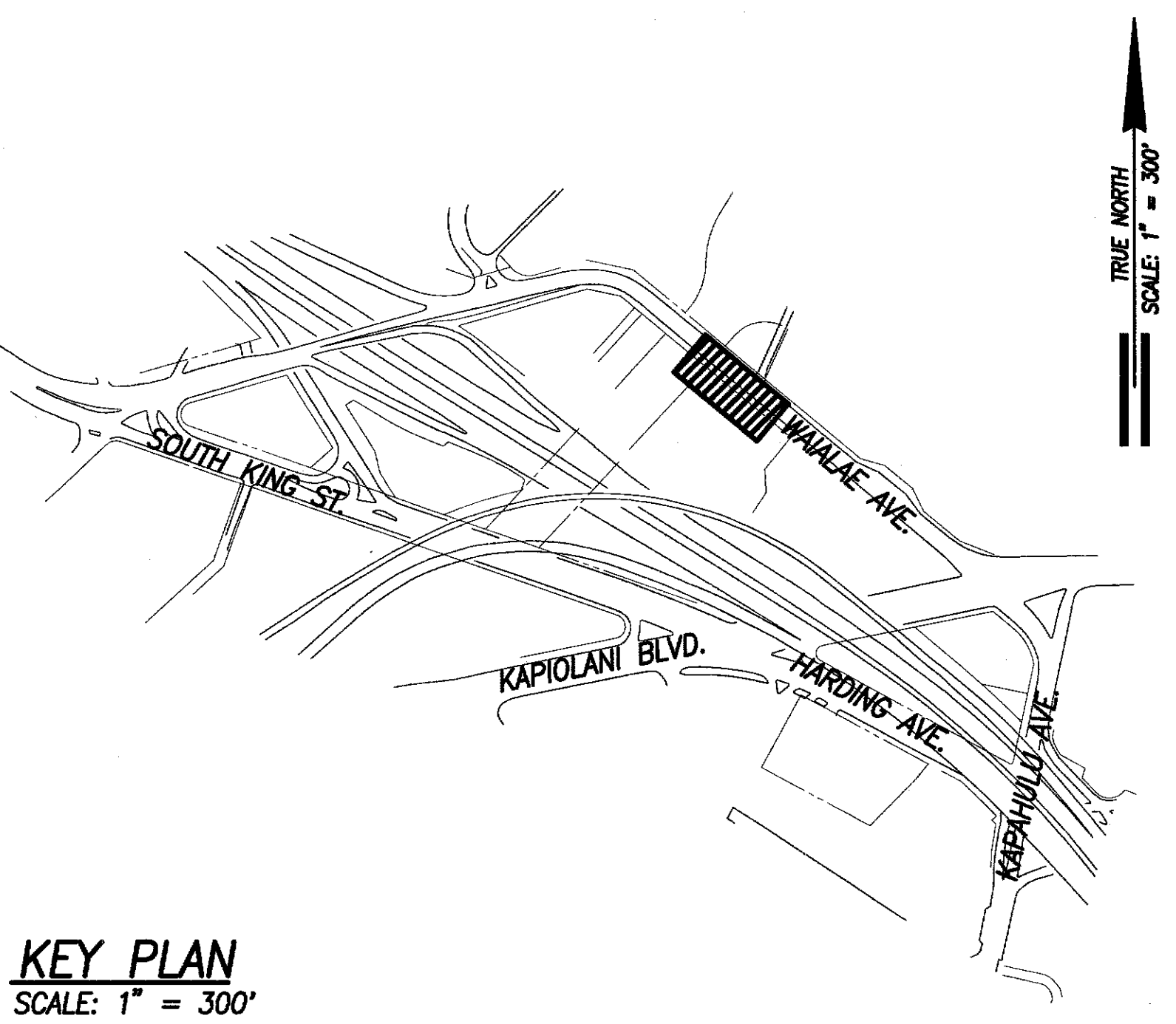
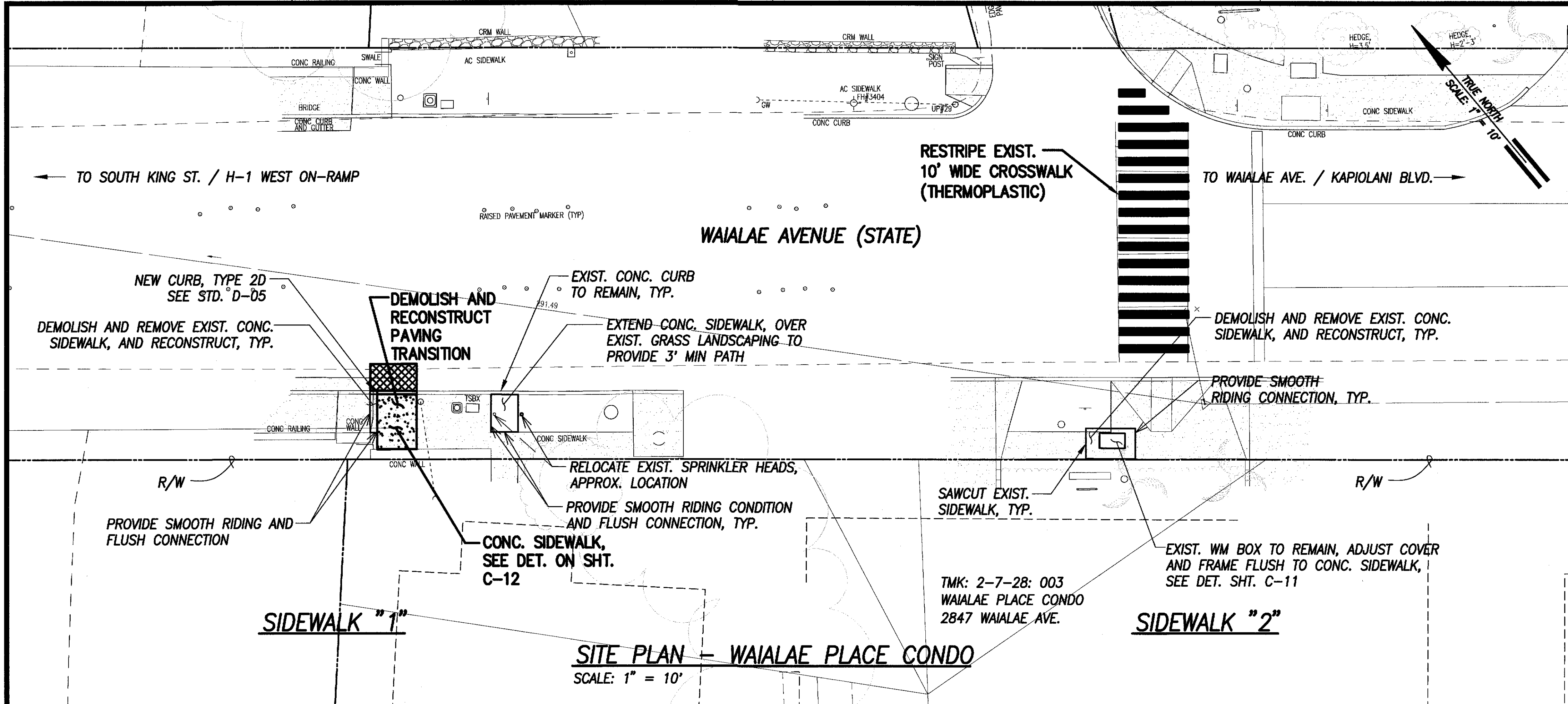
"OBSERVATION OF CONSTRUCTION" IS DEFINED
IN CHAPTER 16-115, HAWAII ADMINISTRATIVE
RULES ENTITLED "PROFESSIONAL ENGINEERS,
ARCHITECTS, SURVEYORS AND LANDSCAPE
ARCHITECTS".

09/03/2010	N.I.C. SIDEWALK "2"
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITE & GRADING PLAN WAIALAE AVENUE BRIDGE Pedestrian Facilities & ADA Compliance, Vicinity of Old Waialae Rd. and S. King St. Proj. No. 7601A-01-09 Scale: 1" = 5' Date: March 2010 SHEET No. C-26 OF 41 SHEETS	

"AS-BUILT"

ADD.1 27

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	28	41



LEGEND

36.13 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting

GRAPHIC SCALE

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

1" = 5' 0' 5' 10'

Approved: _____

Chief, Capital Projects Division, BWS

Date _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE & GRADING PLAN
WAIALAE AVE. & WAIALAE PL. CONDO

Pedestrian Facilities & ADA Compliance,
Vicinity of Old Waialae Rd. and S. King St.
Proj. No. 7601A-01-09

Scale: 1" = 10'-0" Date: March 2010

SHEET No. C-27 OF 41 SHEETS

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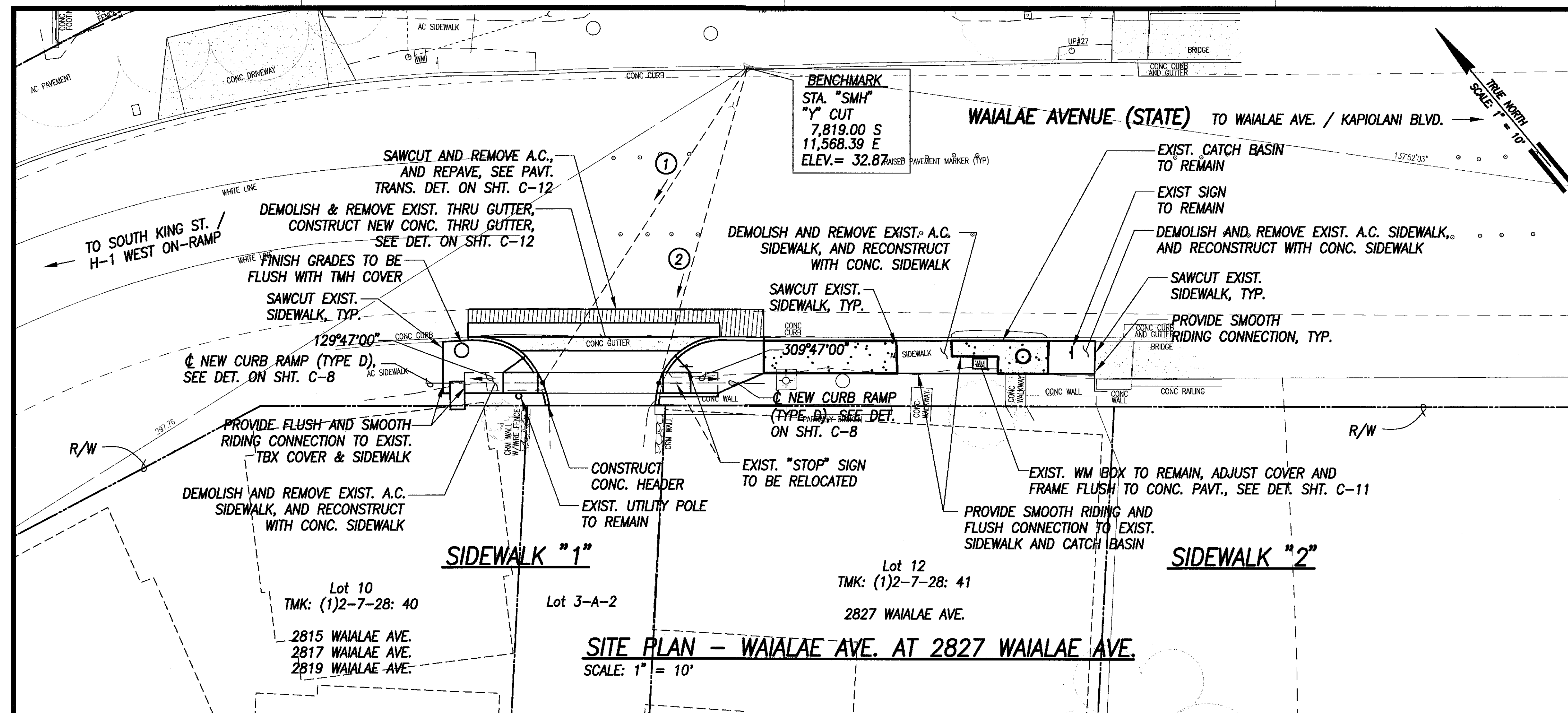
Stack Yokoo, Professional Engineer, No. 8983-C, Hawaii, U.S.A.

DATE: April 30, 2012

SIGNATURE:

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7601A-01-09	2010	29	41



KEY PLAN
SCALE: 1" = 300'

- 72°43'41" → 54.60'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE
- 55°26'03" → 47.58'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE

LEGEND FOR AS-BUILT POSTINGS

~~~~~ Squiggly line for as-built deletion

===== Double line for as-built deletion

Roadway Text for as-built posting

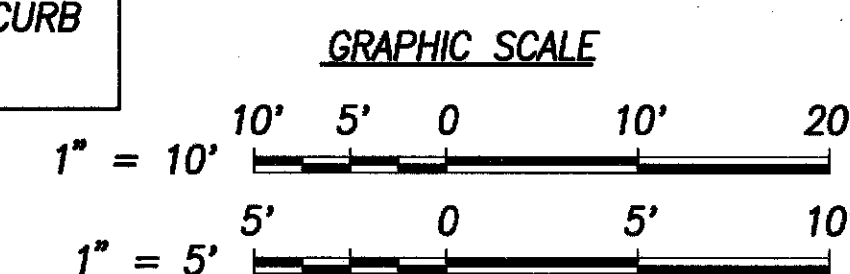
**LEGEND**

36.13 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB



Approved:

Chief, Capital Projects Division, BWS Date

09/02/2010 Dimension call-out added

DATE REVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**SITE & GRADING PLAN**  
**WAI'ALAE AVE. AT 2827 WAI'ALAE AVE.**

Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Wai'alae Rd. and S. King St.  
Proj. No. 7601A-01-09

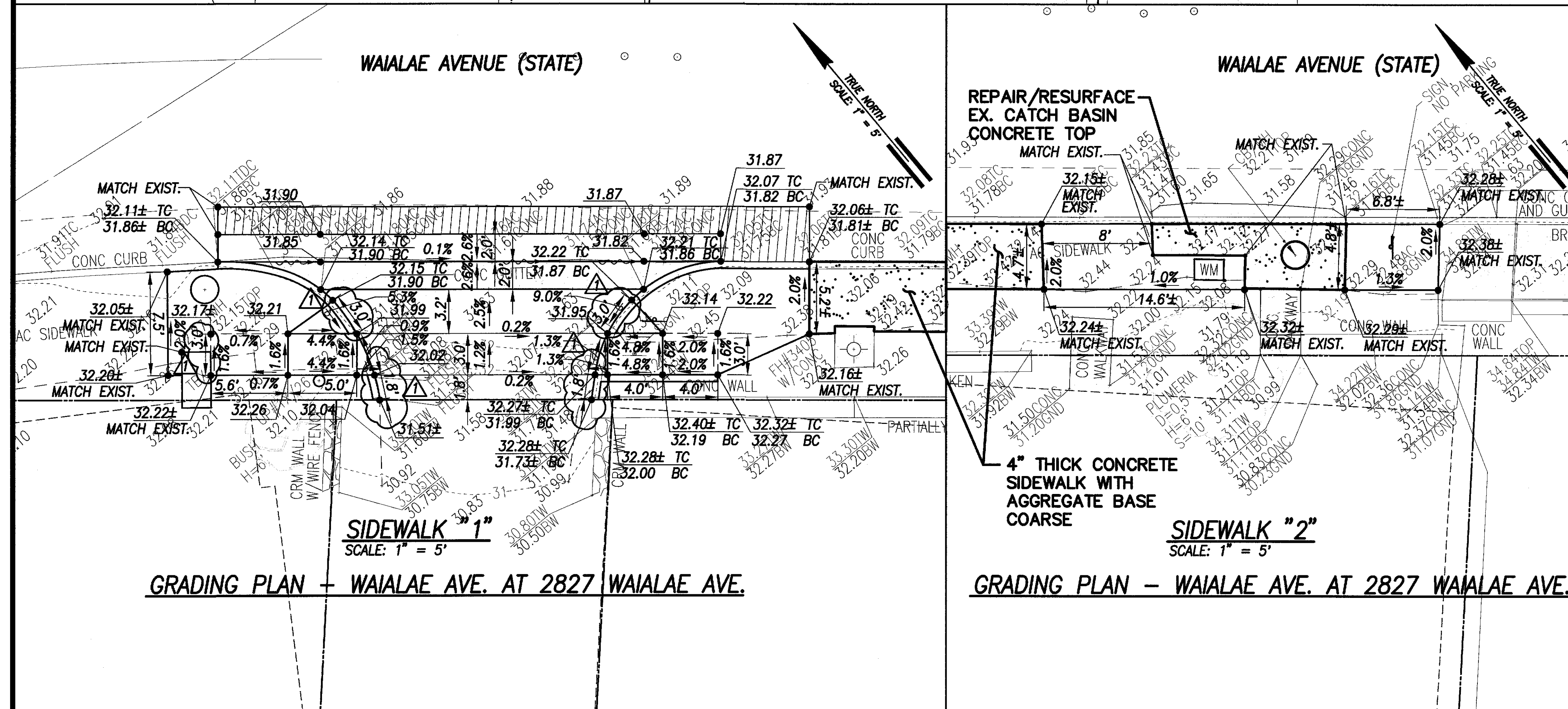
Scale: 1" = 10'-0" Date: March 2010

SHEET No. C-28 OF 41 SHEETS

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*Signature* April 30, 2012  
DATE

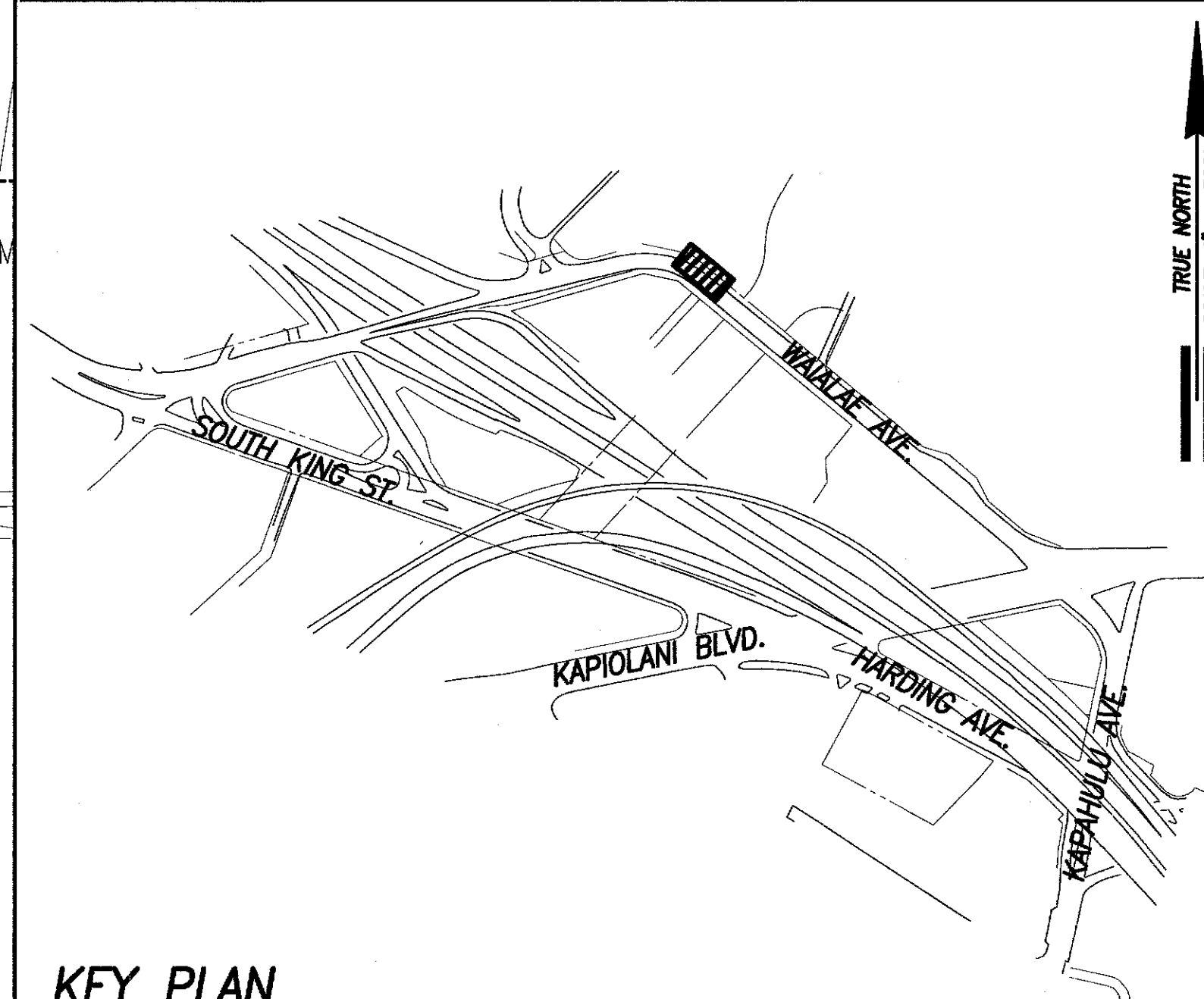
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".



| DATE        | BY |
|-------------|----|
| DESIGNED BY |    |
| CHECKED BY  |    |
| NOTED BY    |    |
| DATE        |    |



| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 7601A-01-09 | 2010        | 30        | 41           |



**KEY PLAN**  
SCALE: 1" = 300'

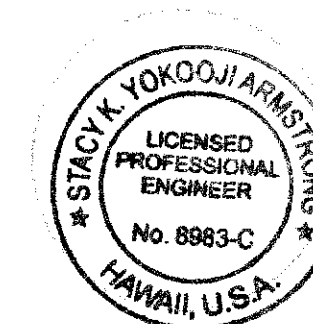
① 127°48'28" → 16.30'  
TIE: BM TO INTERSECTION OF  
DRIVEWAY AND CURB FACE

**LEGEND**

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

**LEGEND FOR AS-BUILT POSTINGS**

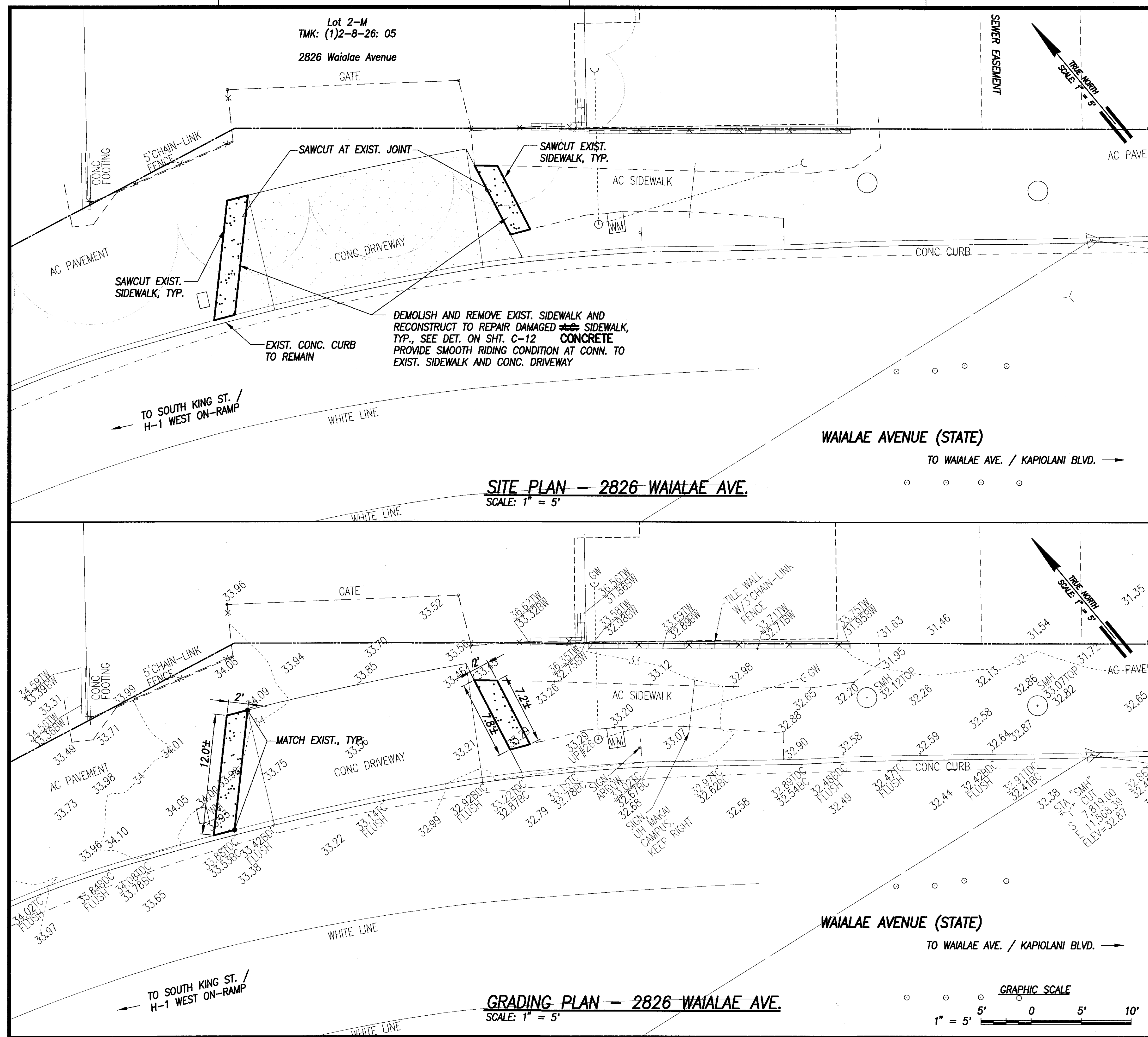
- Squiggly line for as-built deletion
- Double line for as-built deletion
- Roadway Text for as-built posting



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SIGNATURE: *Stacy Yokoo* DATE: April 30, 2012

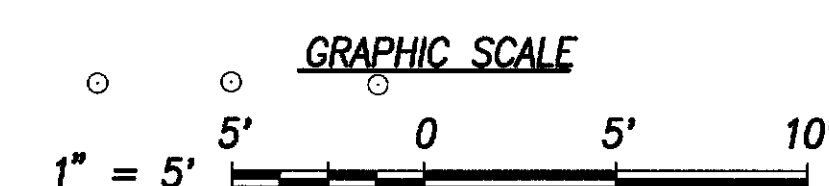
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**SITE & GRADING PLAN**  
**WAIALAE AVE. AT 2826 WAIALAE AVE.**  
*Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Waialae Rd. and S. King St.*  
Proj. No. 7601A-01-09  
Scale: 1" = 5'-0" Date: March 2010  
SHEET No. C-29 OF 41 SHEETS



**SITE PLAN - 2826 WAIALAE AVE.**  
SCALE: 1" = 5'

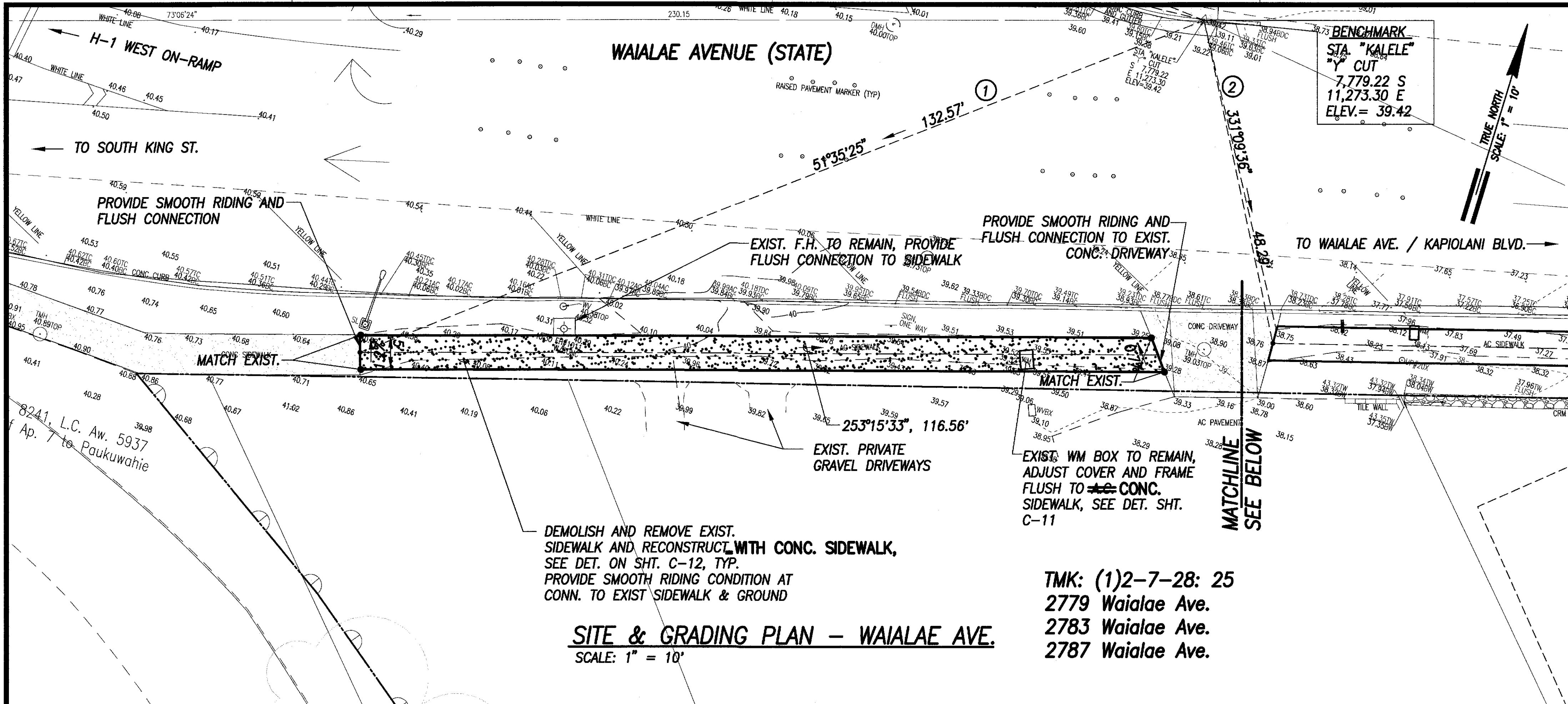
**GRADING PLAN - 2826 WAIALAE AVE.**  
SCALE: 1" = 5'



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

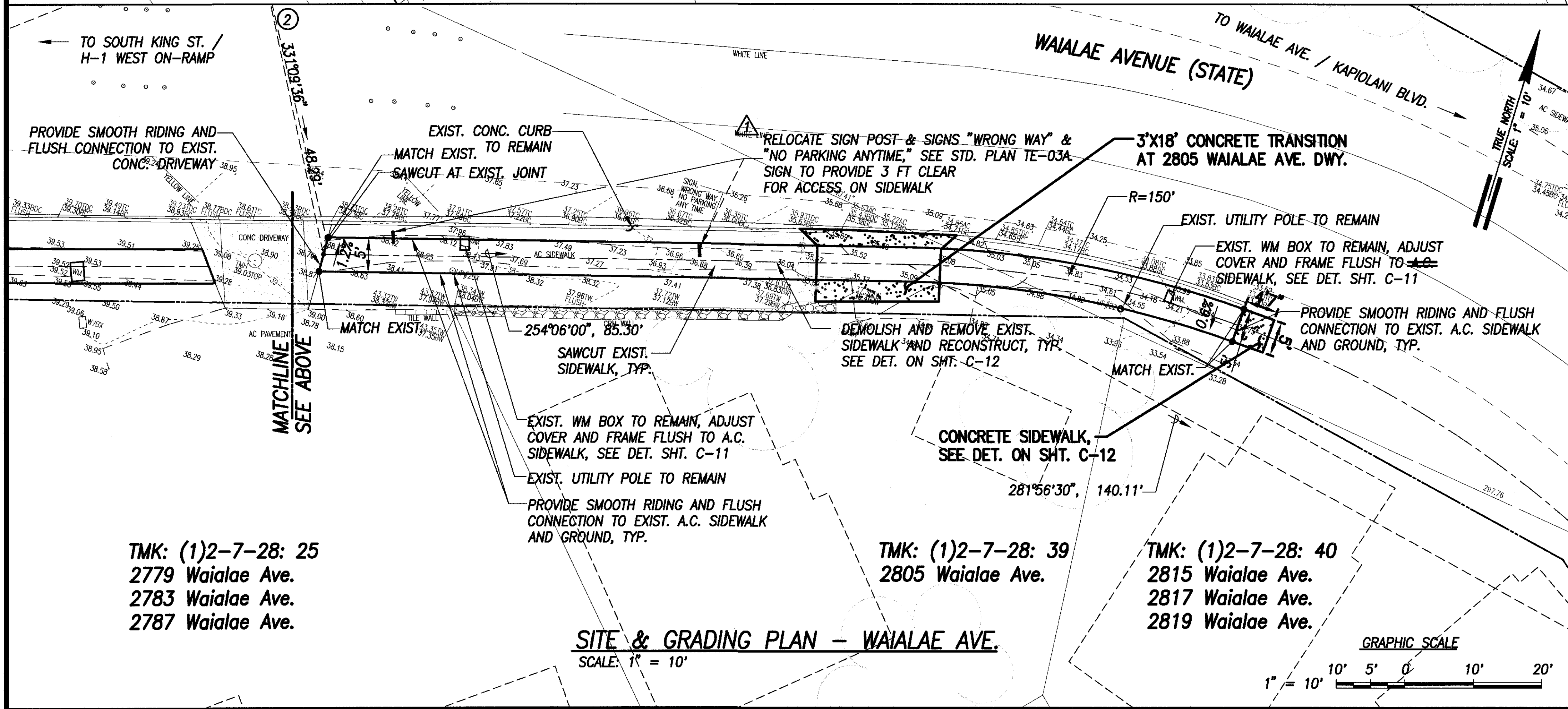


| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 7601A-01-09 | 2010        | 31        | 41           |



**SITE & GRADING PLAN - WAI'ALAE AVE.**  
SCALE: 1" = 10'

TMK: (1)2-7-28: 25  
2779 Wai'ala'e Ave.  
2783 Wai'ala'e Ave.  
2787 Wai'ala'e Ave.

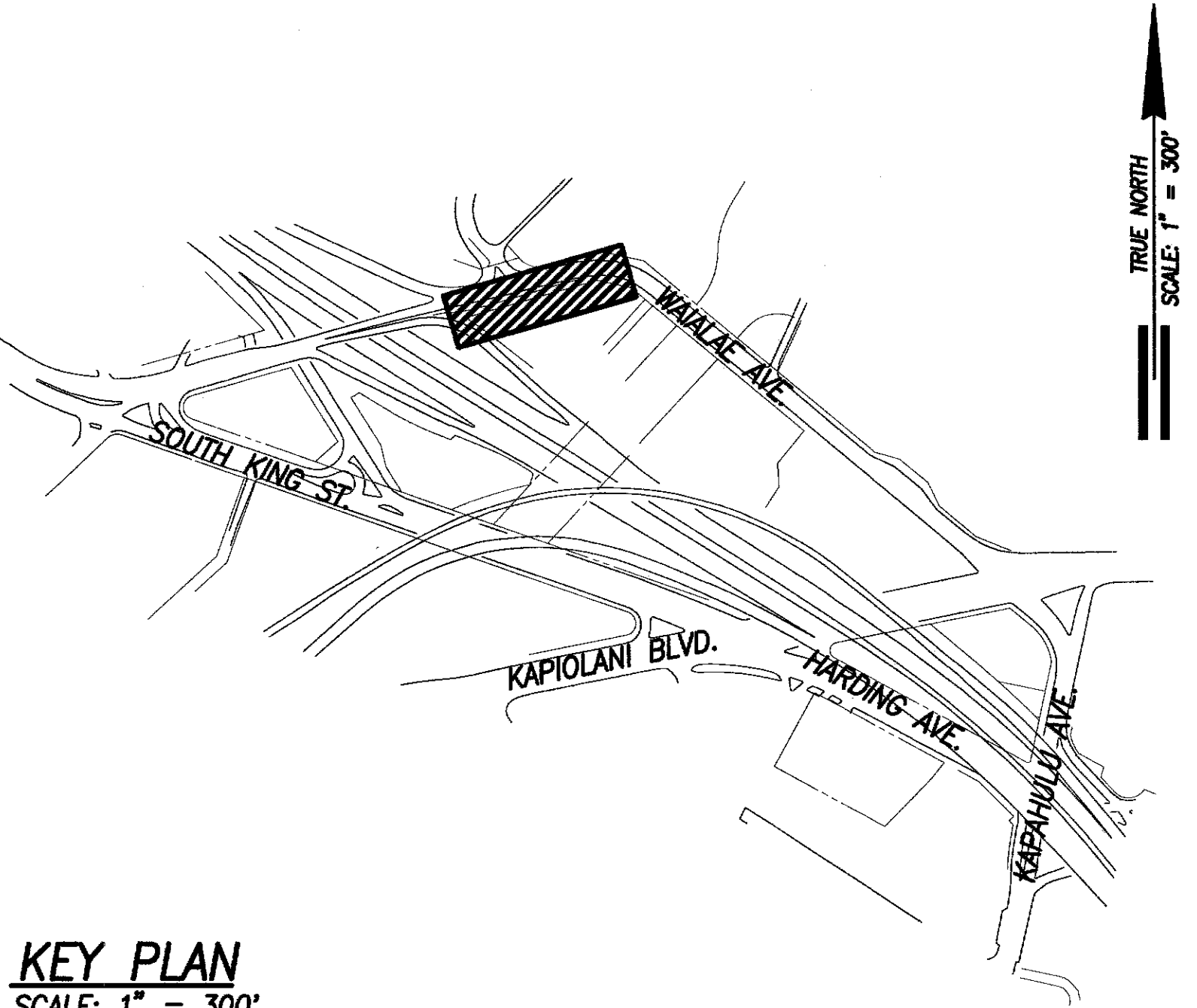


**SITE & GRADING PLAN - WAI'ALAE AVE.**  
SCALE: 1" = 10'

TMK: (1)2-7-28: 25  
2779 Wai'ala'e Ave.  
2783 Wai'ala'e Ave.  
2787 Wai'ala'e Ave.

TMK: (1)2-7-28: 39  
2805 Wai'ala'e Ave.

TMK: (1)2-7-28: 40  
2815 Wai'ala'e Ave.  
2817 Wai'ala'e Ave.  
2819 Wai'ala'e Ave.



**KEY PLAN**  
SCALE: 1" = 300'

- ① 51°35'25" → 132.57'  
TIE: BM TO INTERSECTION OF S  
SIDEWALK AND CONN. TO EXIST.
- ② 331°09'36" → 48.29'  
TIE: BM TO INTERSECTION OF S  
SIDEWALK AND CONN. TO EXIST.

**LEGEND**

|          |                         |
|----------|-------------------------|
| 36.13    | EXIST. SPOT ELEVATION   |
| 52.58    | FINISHED SPOT GRADE     |
| 51.50 TC | FINISHED TOP OF CURB    |
| 51.00 BC | FINISHED BOTTOM OF CURB |

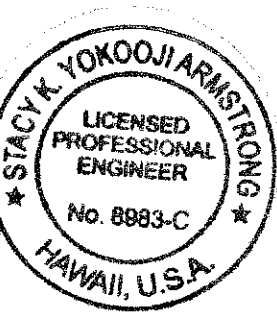
**LEGEND FOR AS-BUILT POSTINGS**

|  |                                     |
|--|-------------------------------------|
|  | Squiggly line for as-built deletion |
|  | Double line for as-built deletion   |
|  | Text for as-built posting           |

|            |                  |
|------------|------------------|
| 09/03/2010 | Revised call-out |
| DATE       | REVISION         |

Approved:

Chief, Capital Projects Division, BWS Date



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.  
April 30, 2012  
SIGNATURE DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**SITE & GRADING PLAN**  
**WAI'ALAE AVE. AT 2805 WAI'ALAE AVE.**  
*Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Wai'ala'e Rd. and S. King St.*  
Proj. No. 7601A-01-09  
Scale: 1" = 10'-0" Date: March 2010  
SHEET No. C-30 OF 41 SHEETS



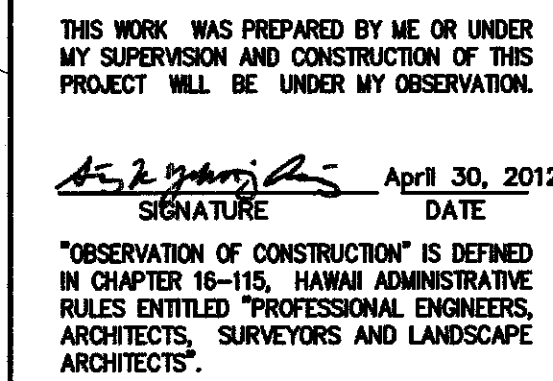
① 87°20'16" → 97.85'  
TIE: BM TO INTERSECTION OF  $\frac{1}{4}$   
RAMP "1" AND CURB FACE

② 95°00'59" → 29.45'  
TIE: BM TO INTERSECTION OF  $\frac{1}{4}$   
RAMP "2" AND CURB FACE

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

$1'' = 10'$  

$1'' = 5'$  



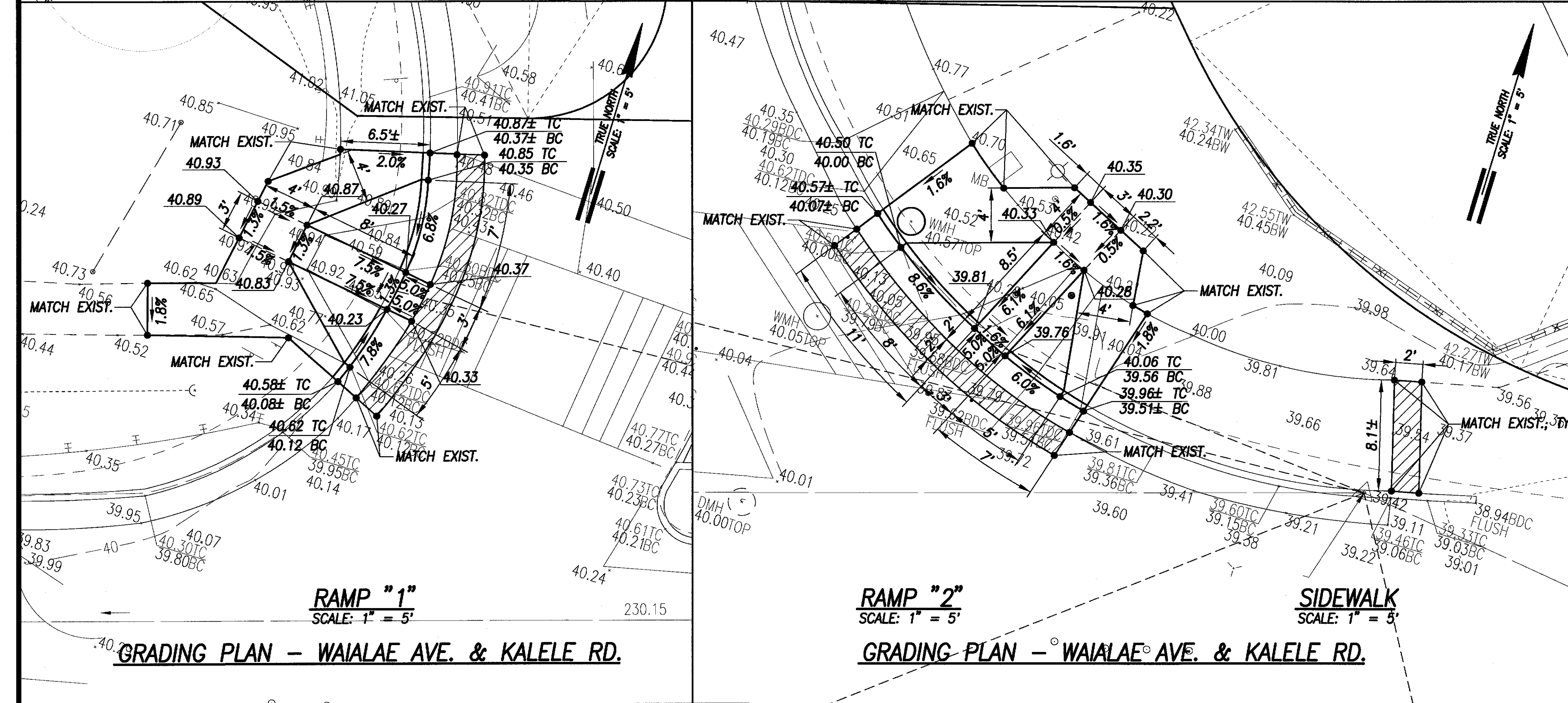
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

SITE & GRADING PLAN  
WAIALAE AVE. & KALELE ST.

Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Wai'alae Rd. and S. King St.  
Proj. No. 7601A-01-09

Scale: 1" = 10'-0"      Date: March 2010

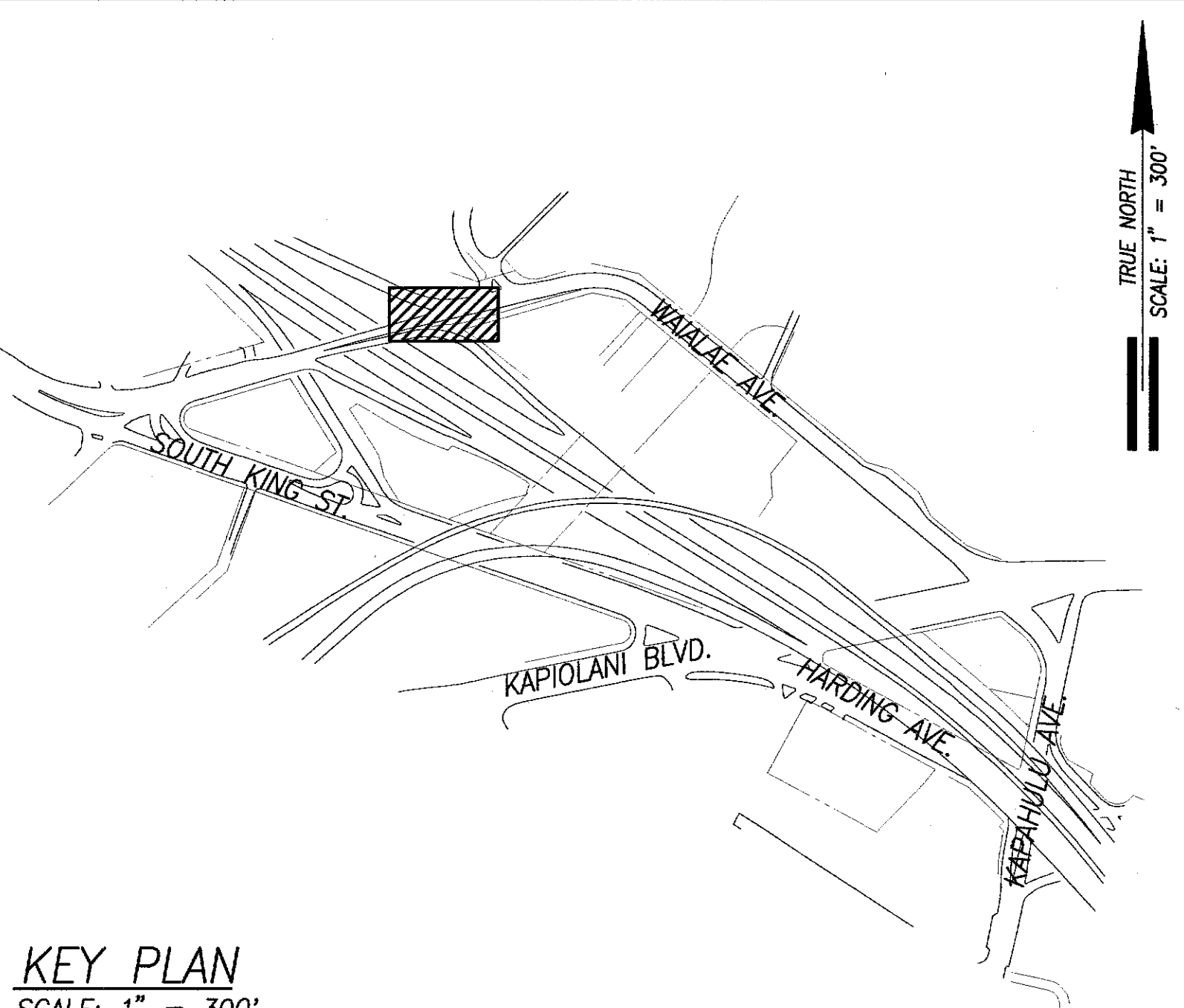
**SHEET No. C-31 OF 41 SHEETS**



|                  |                                    |
|------------------|------------------------------------|
| ORIGINAL<br>PLAN | SURVEY PLOTTED BY _____ DATE _____ |
| NOTE BOOK        | DRAWN BY _____                     |
|                  | TRACED BY _____                    |
|                  | DESIGNED BY _____                  |
|                  | QUANTITIES BY _____                |
| No. _____        | CHECKED BY _____                   |



| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 7601A-01-09 | 2010        | 33        | 41           |

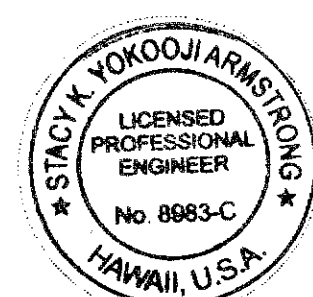
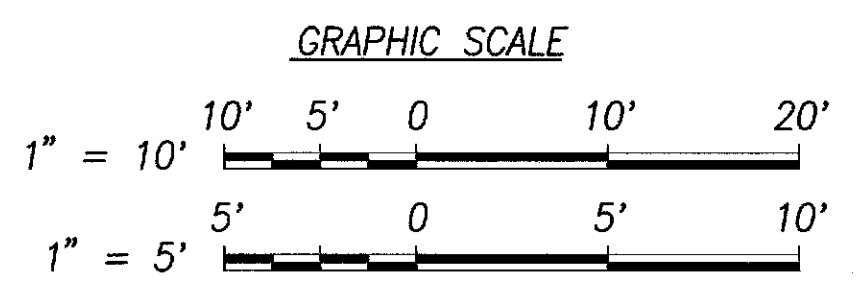


**KEY PLAN**  
SCALE: 1" = 300'

- 232°05'55" → 57.21'  
TIE: BM TO INTERSECTION OF RAMP "1" AND CURB FACE
- 269°46'28" → 34.87'  
TIE: BM TO C CROSSWALK
- 294°28'36" → 44.89'  
TIE: BM TO INTERSECTION OF RAMP "2" AND CURB FACE

**LEGEND**

|          |                         |
|----------|-------------------------|
| 36.13    | EXIST. SPOT ELEVATION   |
| 52.58    | FINISHED SPOT GRADE     |
| 51.50 TC | FINISHED TOP OF CURB    |
| 51.00 BC | FINISHED BOTTOM OF CURB |



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

*Stacy K. Yokoo*  
April 30, 2012  
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

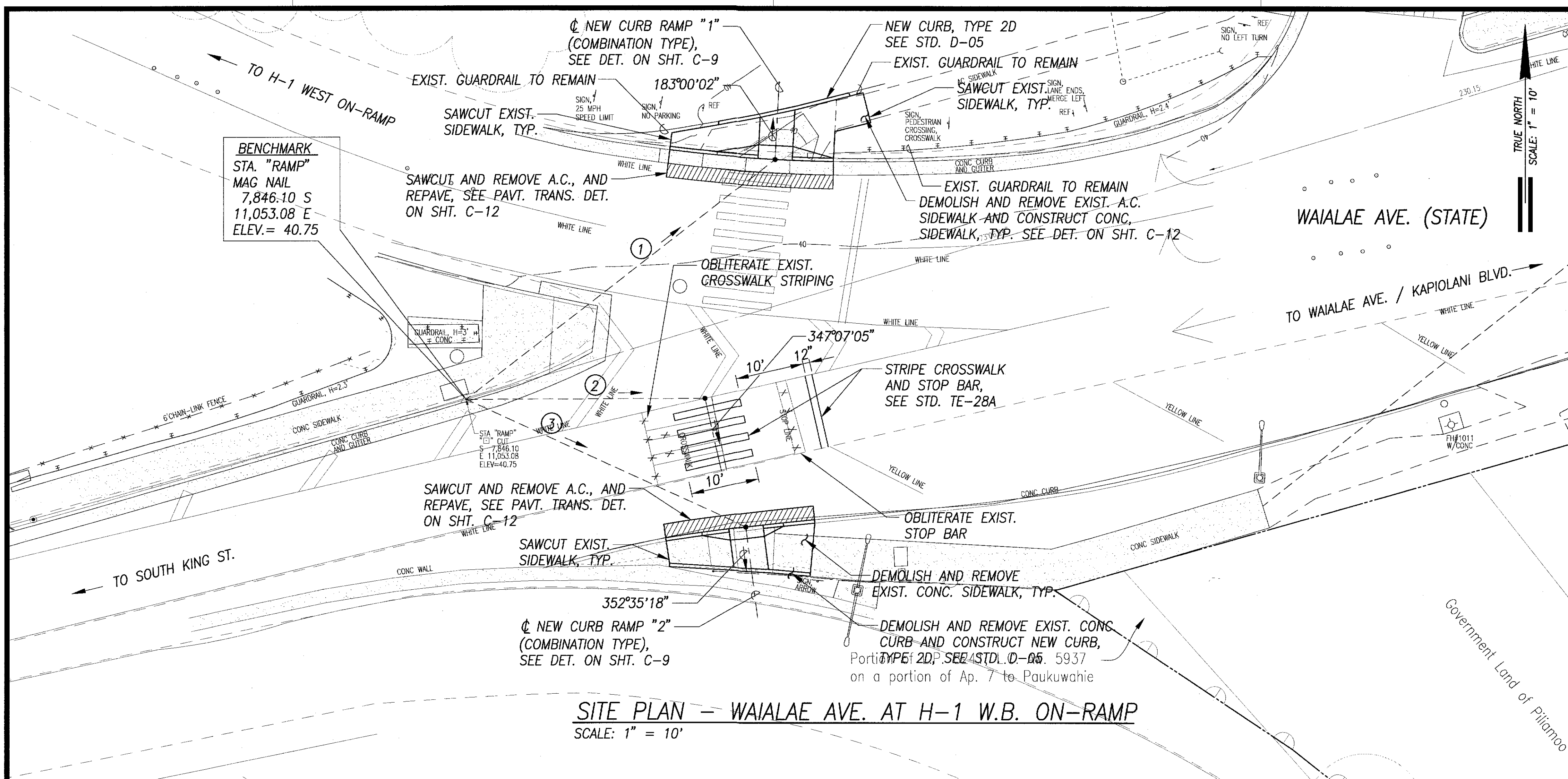
**SITE & GRADING PLAN**  
**WAIALAE AVE. AT H-1 W.B. ON-RAMP**

*Pedestrian Facilities & ADA Compliance,  
Vicinity of Old Waialae Rd. and S. King St.*

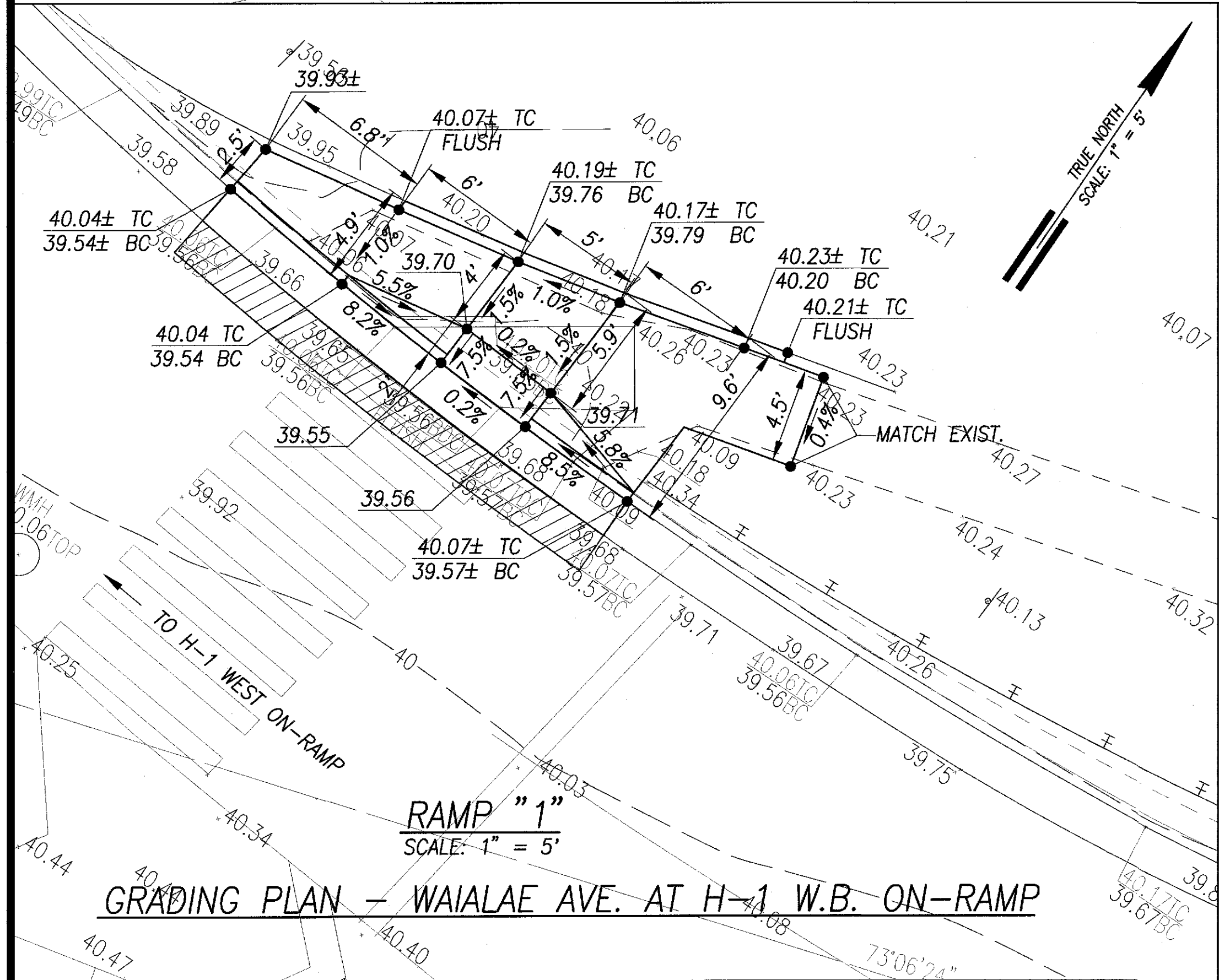
Proj. No. 7601A-01-09

Scale: 1" = 10'-0" Date: March 2010

**SHEET No. C-32 OF 41 SHEETS**



**SITE PLAN - WAIALAE AVE. AT H-1 W.B. ON-RAMP**  
SCALE: 1" = 10'





| FED. ROAD DIST. NO. | STATE | PROJ. NO.   | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | 7601A-01-09 | 2010        | 34        | 41           |

NOTES:

Existing concrete bridge deck expansion joint gap shall be inspected prior to procurement of material & commencing work. Inspection is incidental to work.

Seal materials to be applied shall meet ADA guidelines and provide a smooth surface for pedestrians. It shall seal the opening from intrusion of water and debris. The seal shall have properties to function under compression as well as in tension. The contractor shall use ~~P. S. Brown JP Series Profiles~~ **Tremco "Vulkern 116" Elastomeric Joint Sealant** and a high strength two-part epoxy based structural adhesive or equivalent.

All work and materials for the installation of the joint seal are to comply with written instructions provided by the joint manufacturer.

**SITE PLAN - OLD WAIALAE AVE. SEPARATION BRIDGE**  
SCALE: 1" = 10'

**KEY PLAN**  
SCALE: 1" = 300'

**LEGEND**

36.13 EXIST. SPOT ELEVATION

52.58 FINISHED SPOT GRADE

51.50 TC FINISHED TOP OF CURB

51.00 BC FINISHED BOTTOM OF CURB

**BRIDGE "1"**  
SCALE: 1" = 5'

**GRADING PLAN - OLD WAIALAE AVE. SEPARATION BRIDGE**

**BRIDGE "2"**  
SCALE: 1" = 5'

**GRADING PLAN - OLD WAIALAE AVE. SEPARATION BRIDGE**

**LEGEND FOR AS-BUILT POSTINGS**

~~~~~~~~~ Squiggly line for as-built deletion

~~=====~~ Double line for as-built deletion

~~ROADWAY~~ Text for as-built posting

GRAPHIC SCALE

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

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

| | |
|-------------------|-------|
| DATE | _____ |
| SURVEY PLANNED BY | _____ |
| DESIGNED BY | _____ |
| TRACED BY | _____ |
| DESIGNED BY | _____ |
| QUANTITIES BY | _____ |
| CHECKED BY | _____ |
| ORIGINAL PLAN | _____ |
| NOTE BOOK | _____ |
| No. | _____ |

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Stacy K. Yokooji April 30, 2012
SIGNATURE DATE

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

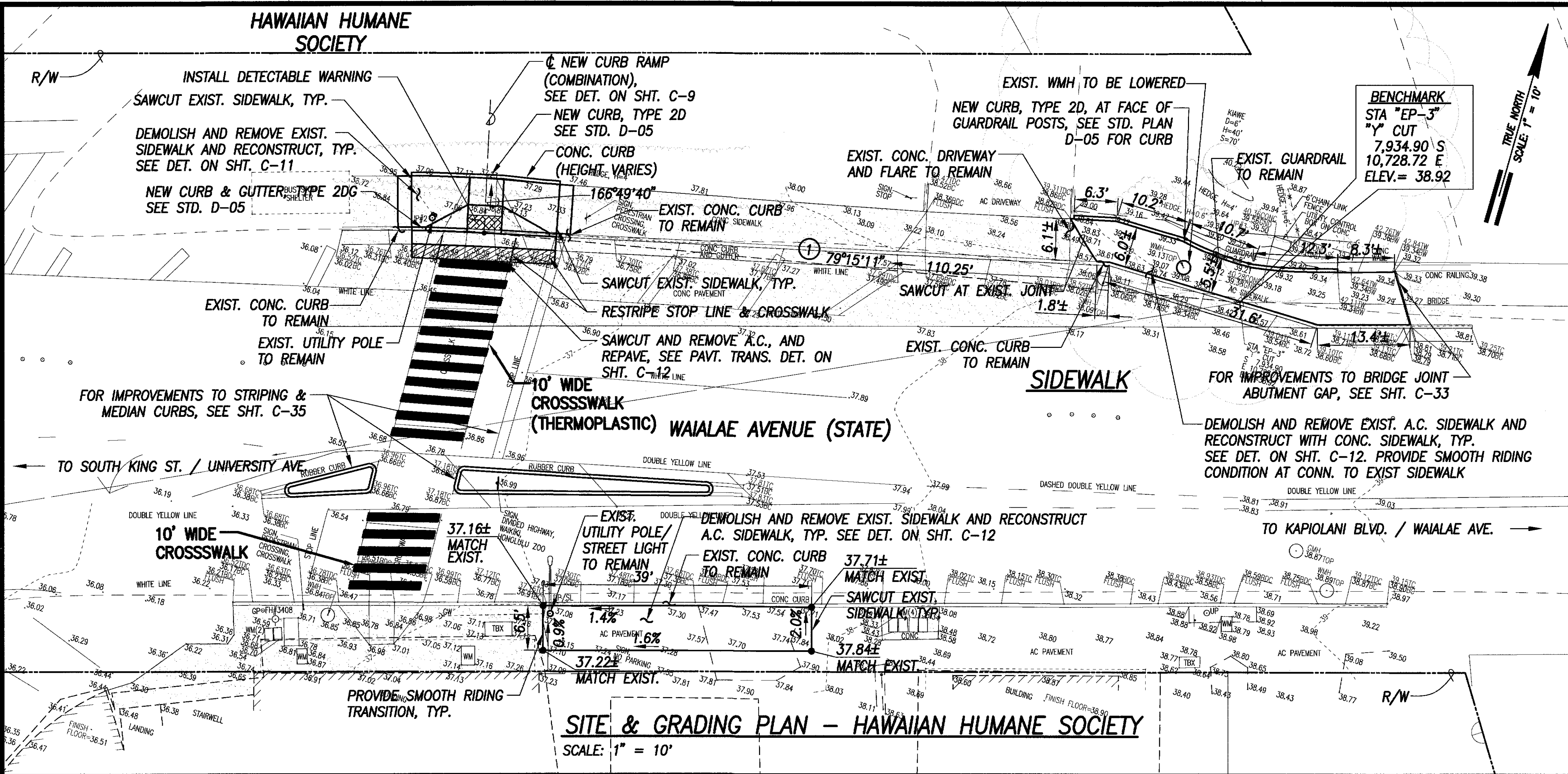
SITE & GRADING PLAN
OLD WAIALAE AVE. SEPARATION BRIDGE

*Pedestrian Facilities & ADA Compliance,
Vicinity of Old Waialae Rd. and S. King St.*
Proj. No. 7601A-01-09

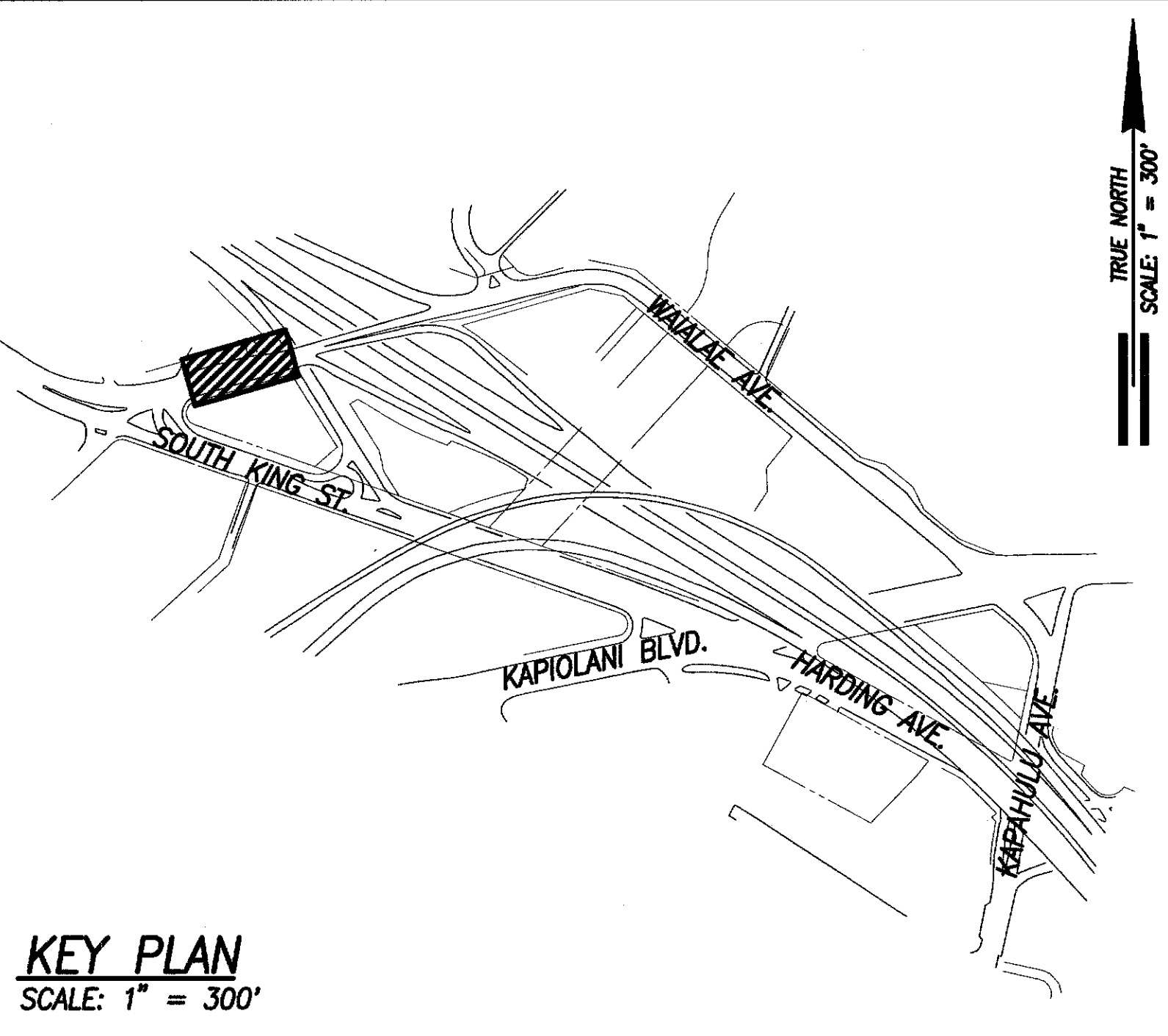
Scale: 1" = 10'-0" Date: March 2010

SHEET No. C-33 OF 41 SHEETS

"AS-BUILT" 34



| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | 7601A-01-09 | 2010 | 35 | 41 |



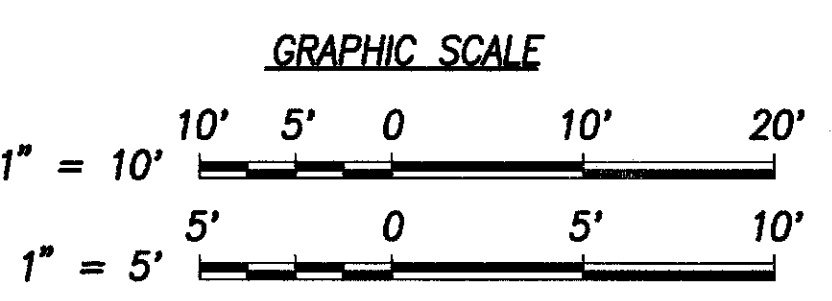
① 79°15'11" → 110.25'
TIE: BM TO INTERSECTION OF RAMP AND CURB FACE

LEGEND

| | |
|----------|-------------------------|
| 36.13 | EXIST. SPOT ELEVATION |
| 52.58 | FINISHED SPOT GRADE |
| 51.50 TC | FINISHED TOP OF CURB |
| 51.00 BC | FINISHED BOTTOM OF CURB |

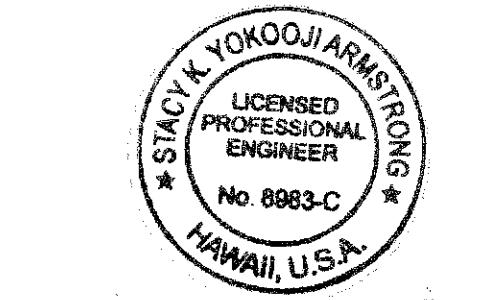
LEGEND FOR AS-BUILT POSTINGS

| | |
|--|-------------------------------------|
| | Squiggly line for as-built deletion |
| | Double line for as-built deletion |
| | Text for as-built posting |



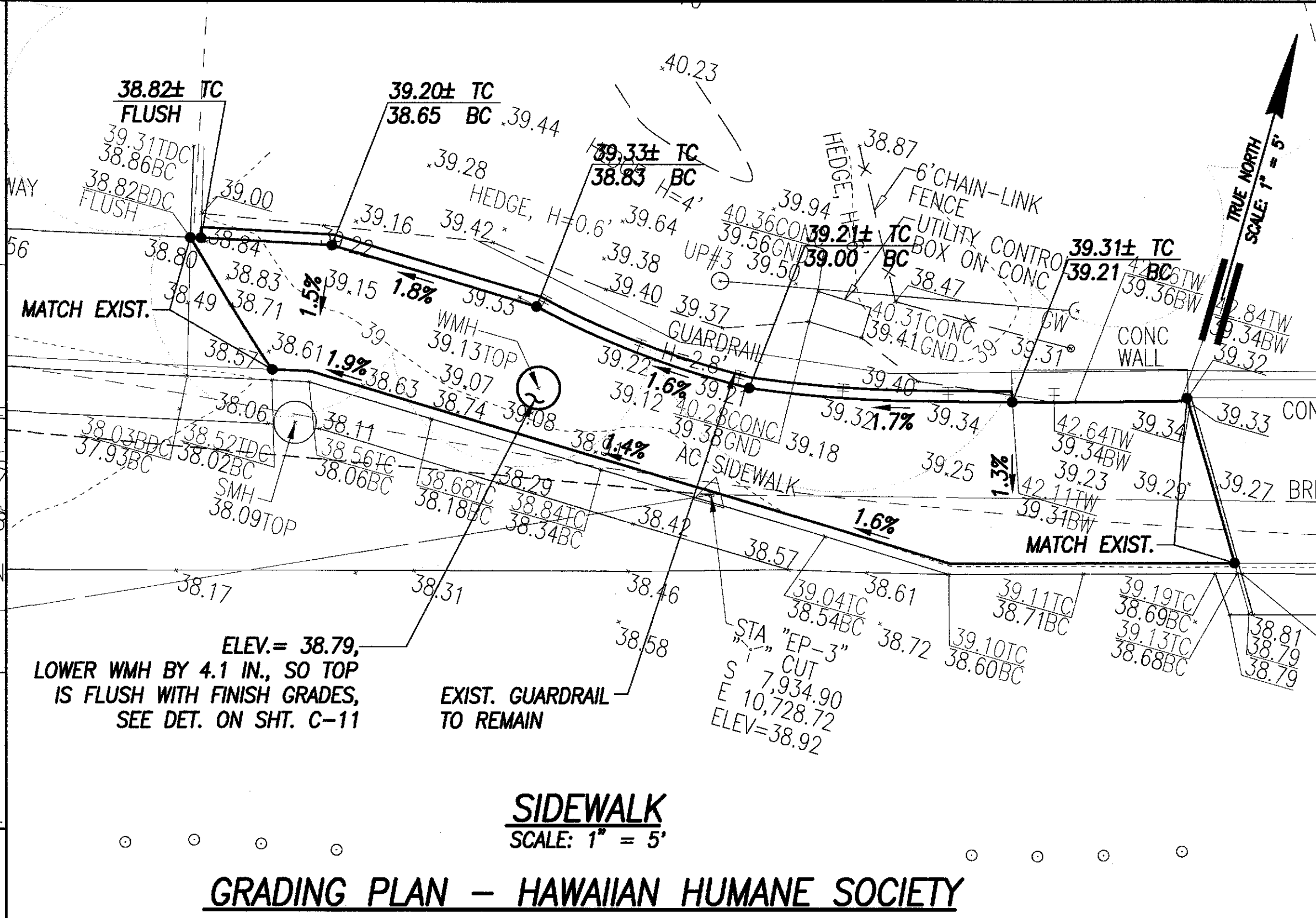
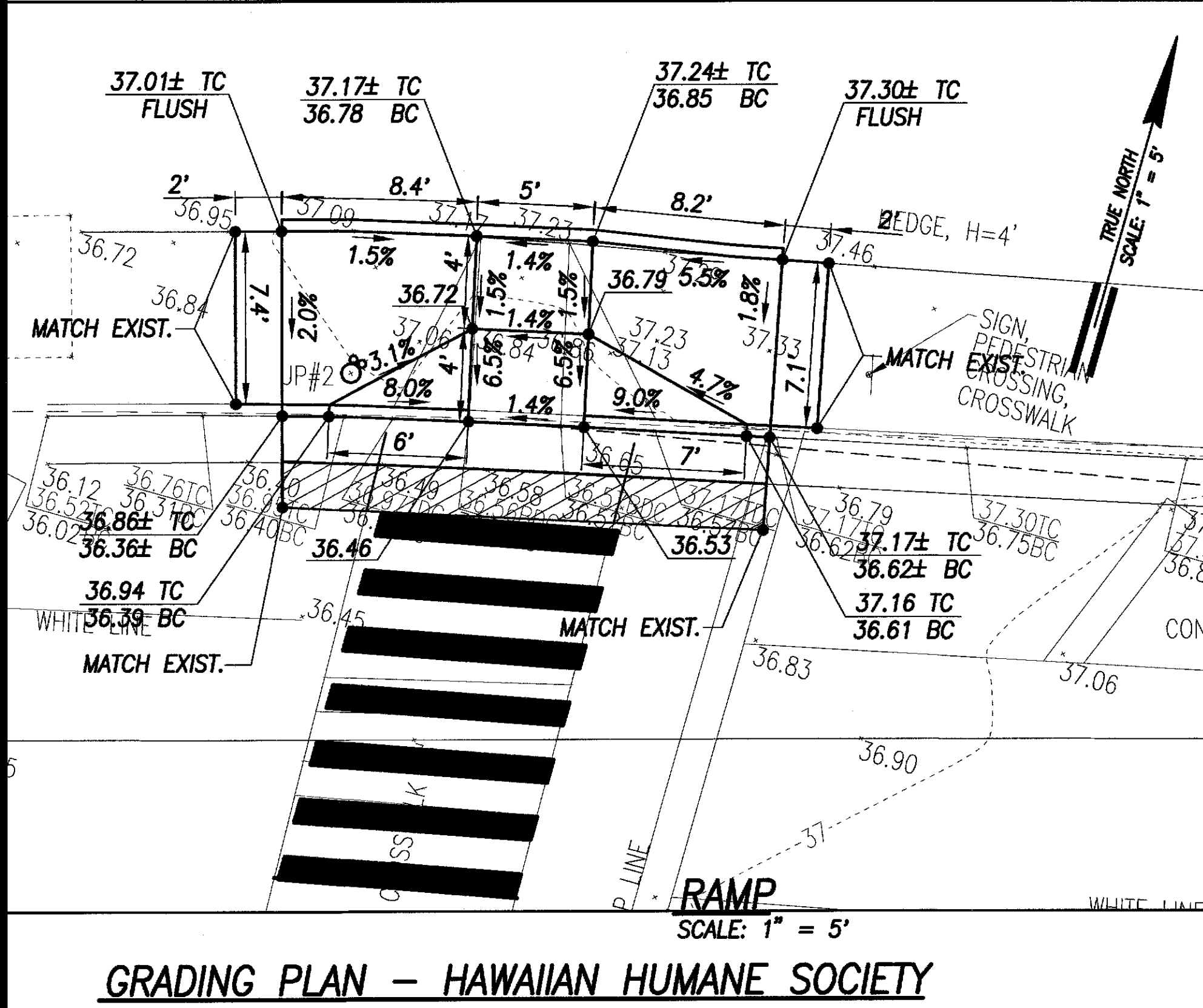
Approved:

Chief, Capital Projects Division, BWS Date



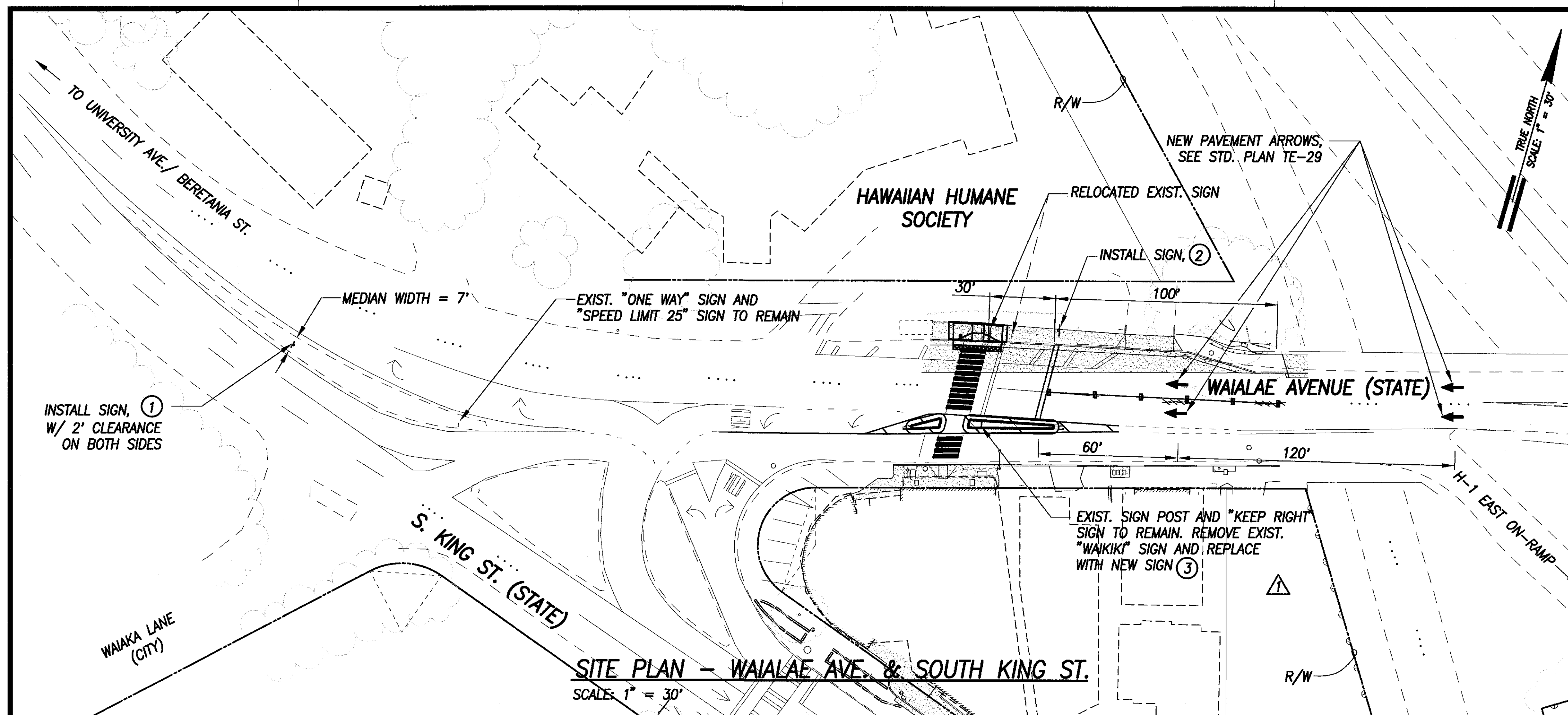
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
April 30, 2012
DATE
"OBSERVATION OF CONSTRUCTION" IS DEFINED IN CHAPTER 16-115, HAWAII ADMINISTRATIVE RULES ENTITLED "PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS".

STATE OF HAWAII
HIGHWAYS DIVISION
SITE & GRADING PLAN
HAWAIIAN HUMANE SOCIETY
Pedestrian Facilities & ADA Compliance,
Vicinity of Old Waialae Rd. and S. King St.
Proj. No. 7601A-01-09
Scale: 1" = 10'-0" Date: March 2010
SHEET No. C-34 OF 41 SHEETS

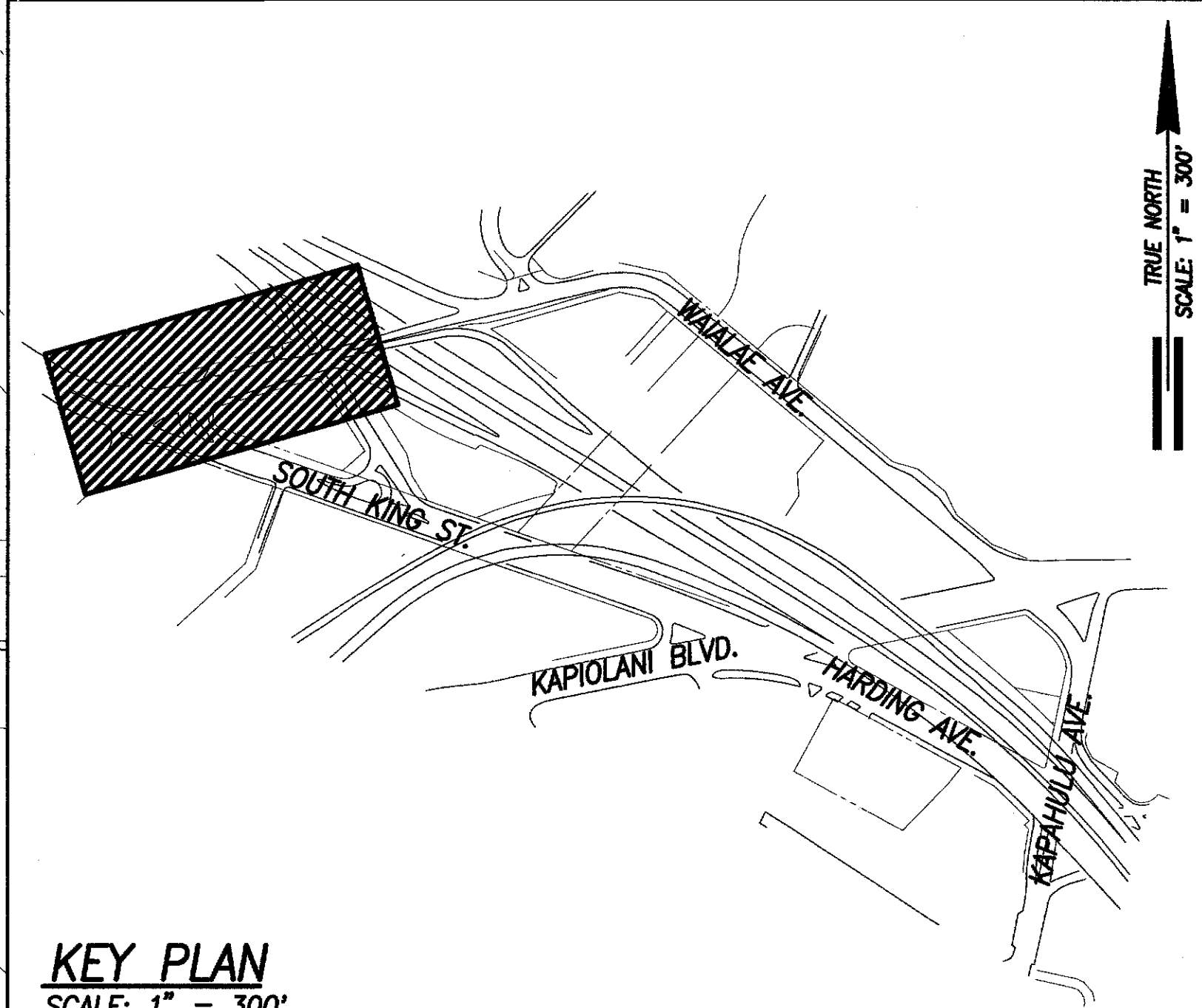


| | |
|-------------|-------|
| DATE | _____ |
| DESIGNED BY | _____ |
| CHECKED BY | _____ |
| NOTED BY | _____ |
| NO. | _____ |

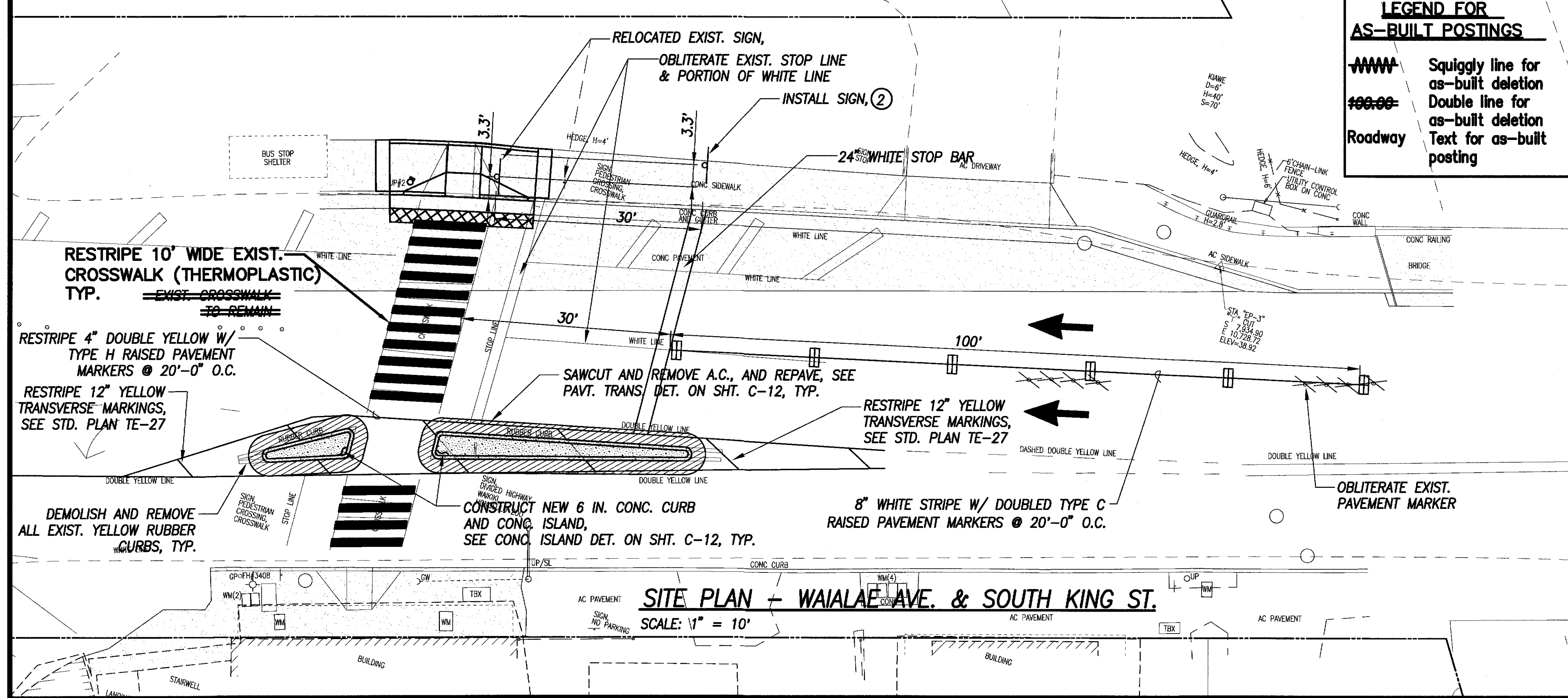
| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|-------------|-------------|-----------|--------------|
| HAWAII | HAW. | 7601A-01-09 | 2010 | ADD 36 | 41 |



SITE PLAN - WAIALAE AVE. & SOUTH KING ST.
SCALE: 1" = 30'



KEY PLAN
SCALE: 1" = 300'



SITE PLAN - WAIALAE AVE. & SOUTH KING ST.
SCALE: 1" = 10'

LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting

① 36" x 24" 1.500" Radius 0.625" Border White on Green Font: ClearviewHwy-3-W

LEFT LANE TO H-1 EAST ONLY

② 30" x 30" Revised R1-5aL 30" x 36"

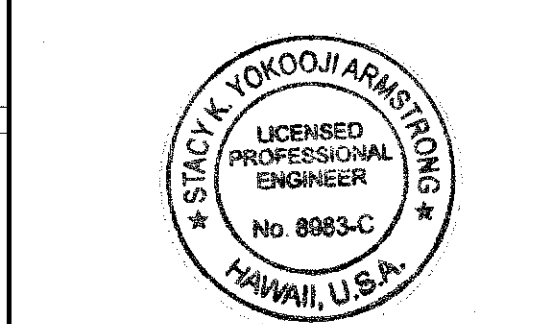
STOP HERE FOR PEDESTRIANS

③ WAIKIKI HONOLULU ZOO

GRAPHIC SCALE

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

1" = 30' 30' 15' 0' 30' 60'



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

April 30, 2012

DATE

09/07/2010 Revised call-out

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN
WAIALAE AVE. & S. KING ST.

*Pedestrian Facilities & ADA Compliance,
Vicinity of Old Waialae Rd. and S. King St.*

Proj. No. 7601A-01-09

Scale: 1" = 30'-0" Date: March 2010

SHEET No. C-35 OF 41 SHEETS

| | |
|-------------|------|
| DESIGNED BY | DATE |
| DRAWN BY | |
| CHECKED BY | |
| NOTED BY | |
| DATE | |