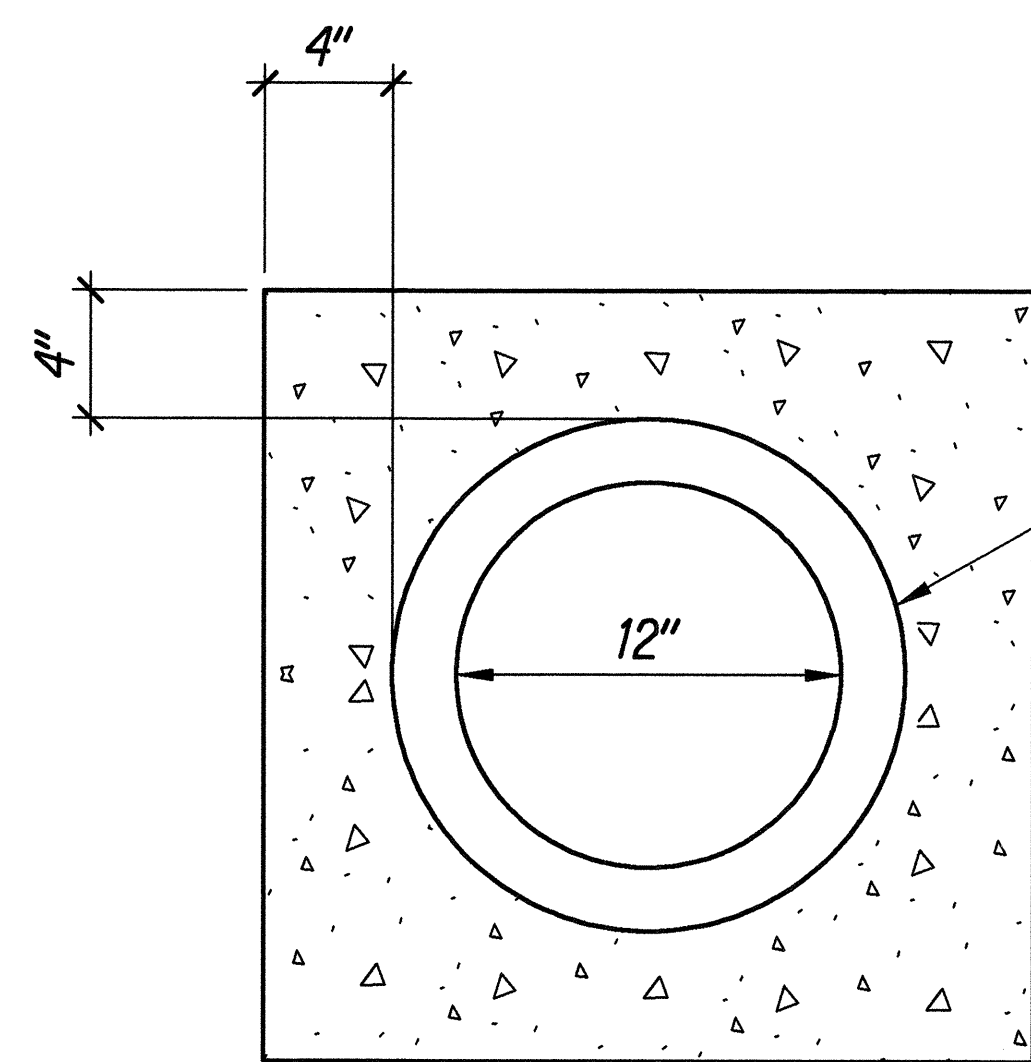
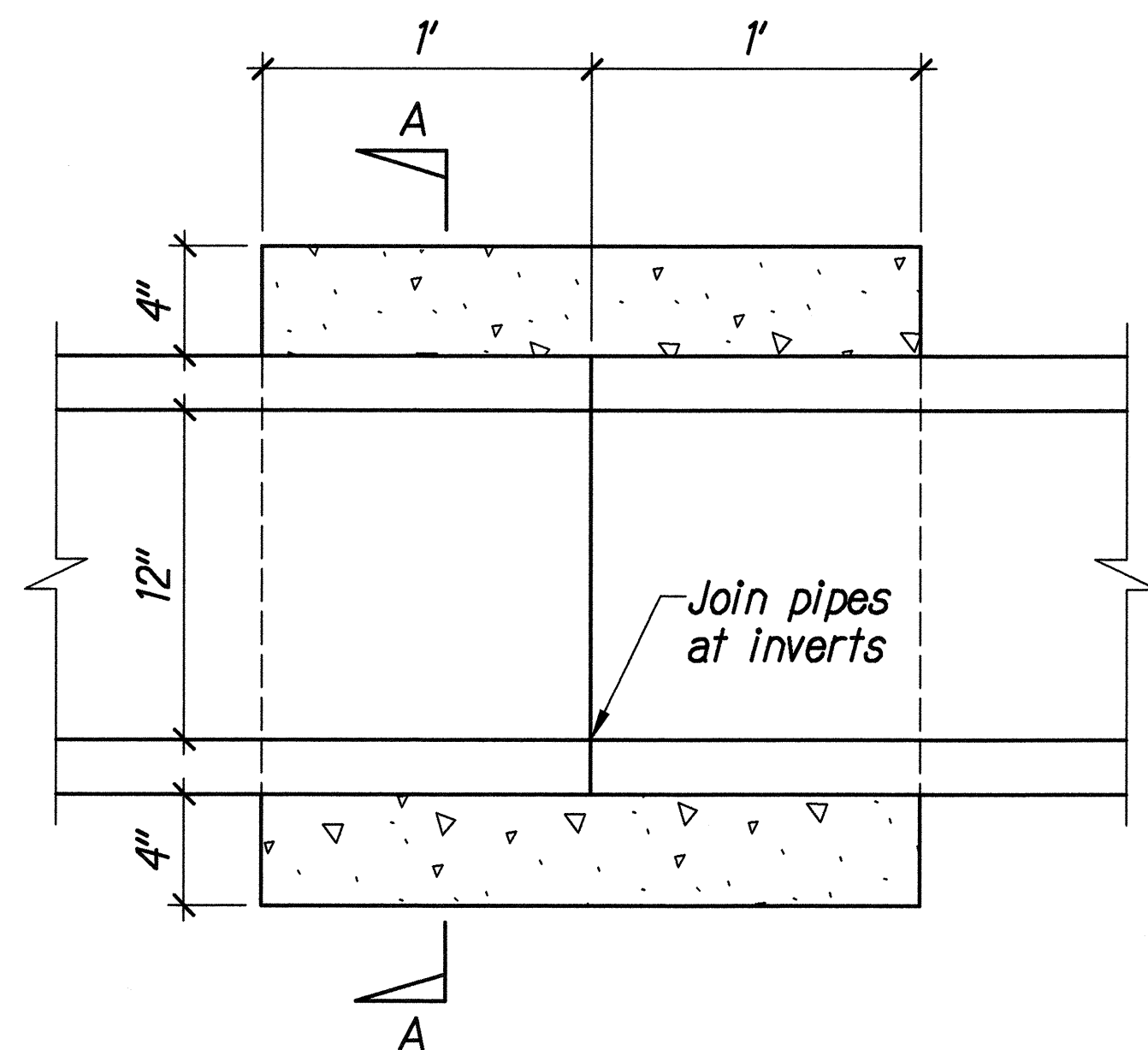


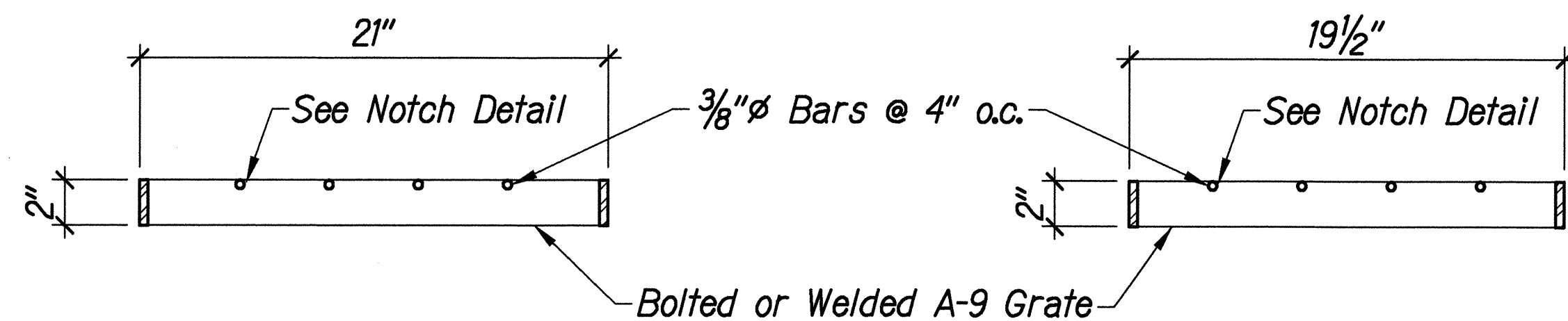
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340CD-01-02M	2002	25	33



Contractor shall verify exist. pipe size and material and adjust Collar dimensions as required.

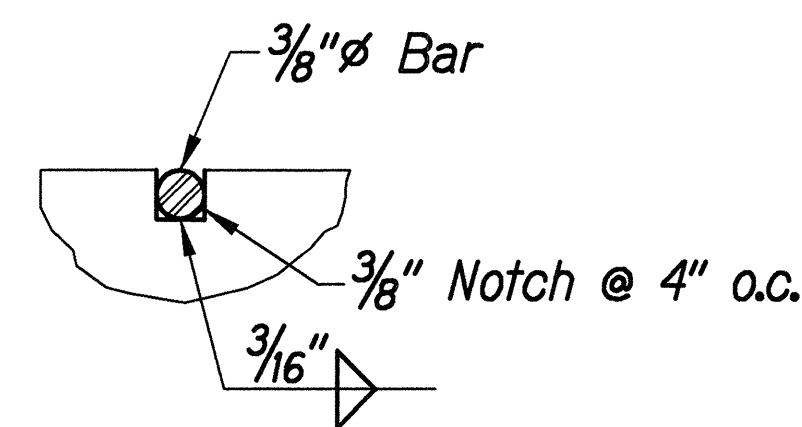
SECTION A-A

CONCRETE COLLAR DETAIL
Scale: 1"=1'-0"

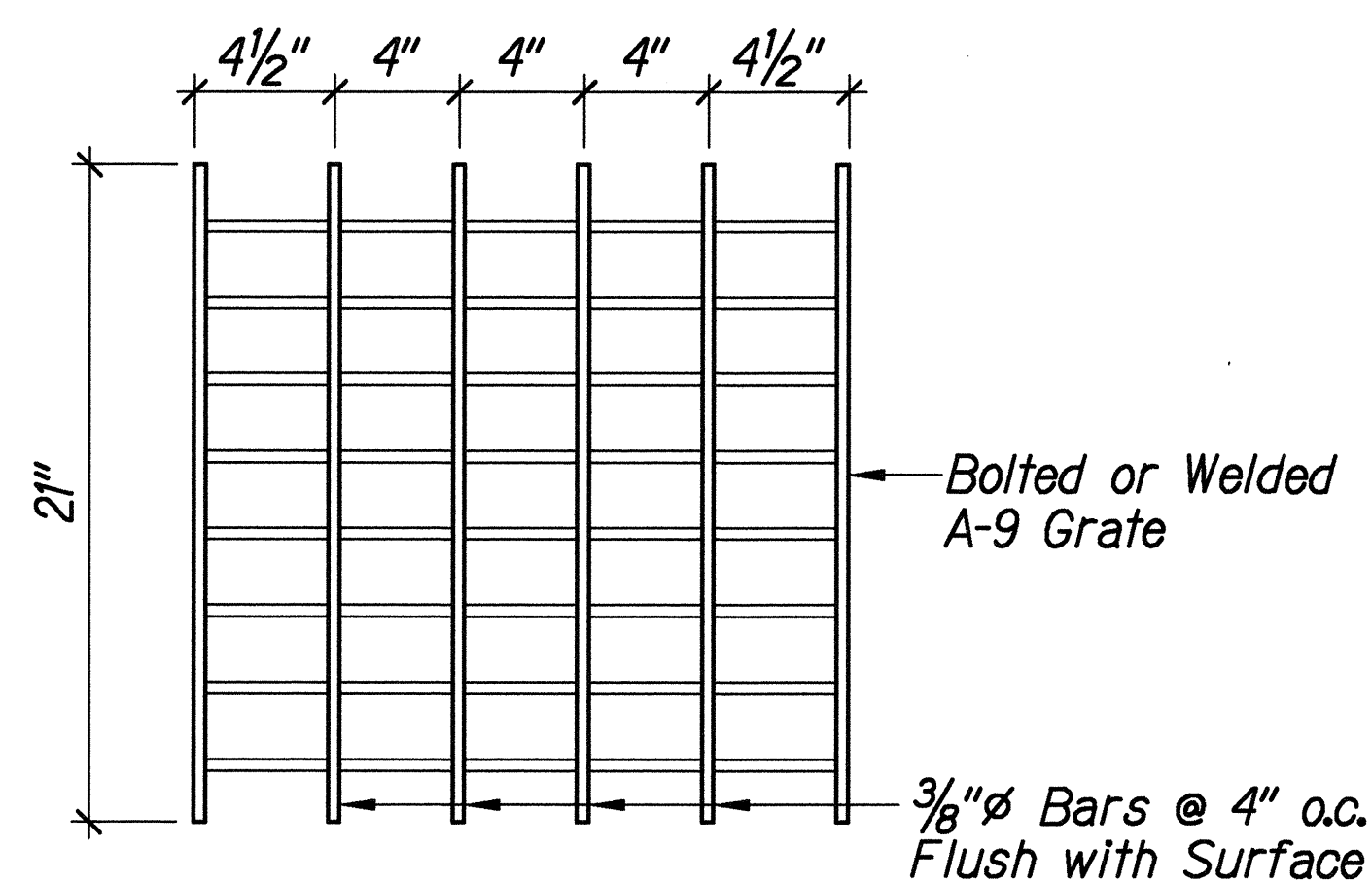


SECTION

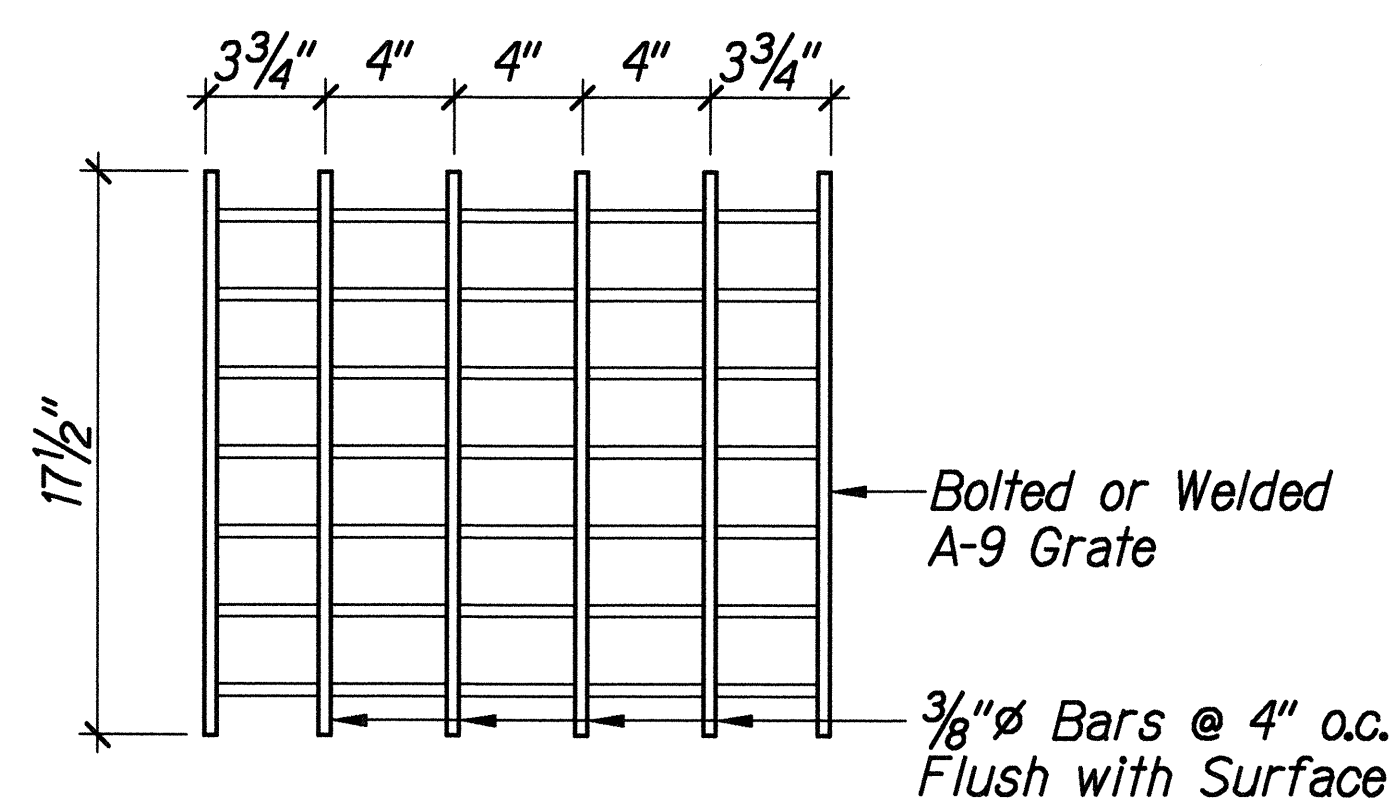
SECTION



NOTCH DETAIL

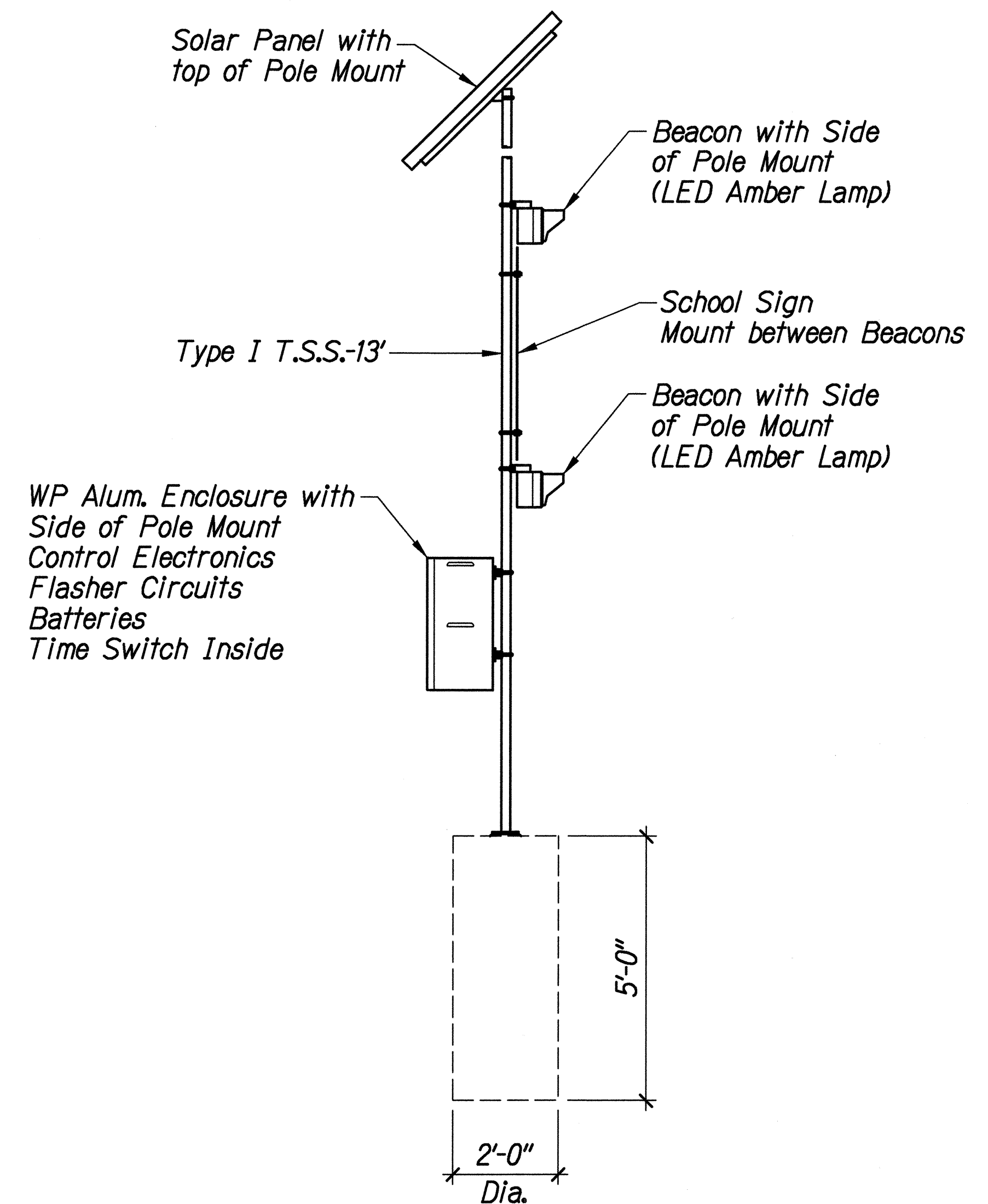


PLAN



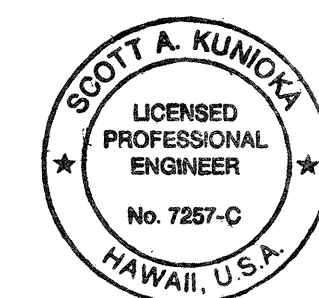
PLAN

MODIFIED TYPE A-9P STEEL GRATE DETAILS
Scale: 1"=1'-0"



SCHOOL/SPEED LIMIT 20
SIGN AND SOLAR-POWERED
TRAFFIC SIGNAL BEACON
Not to Scale

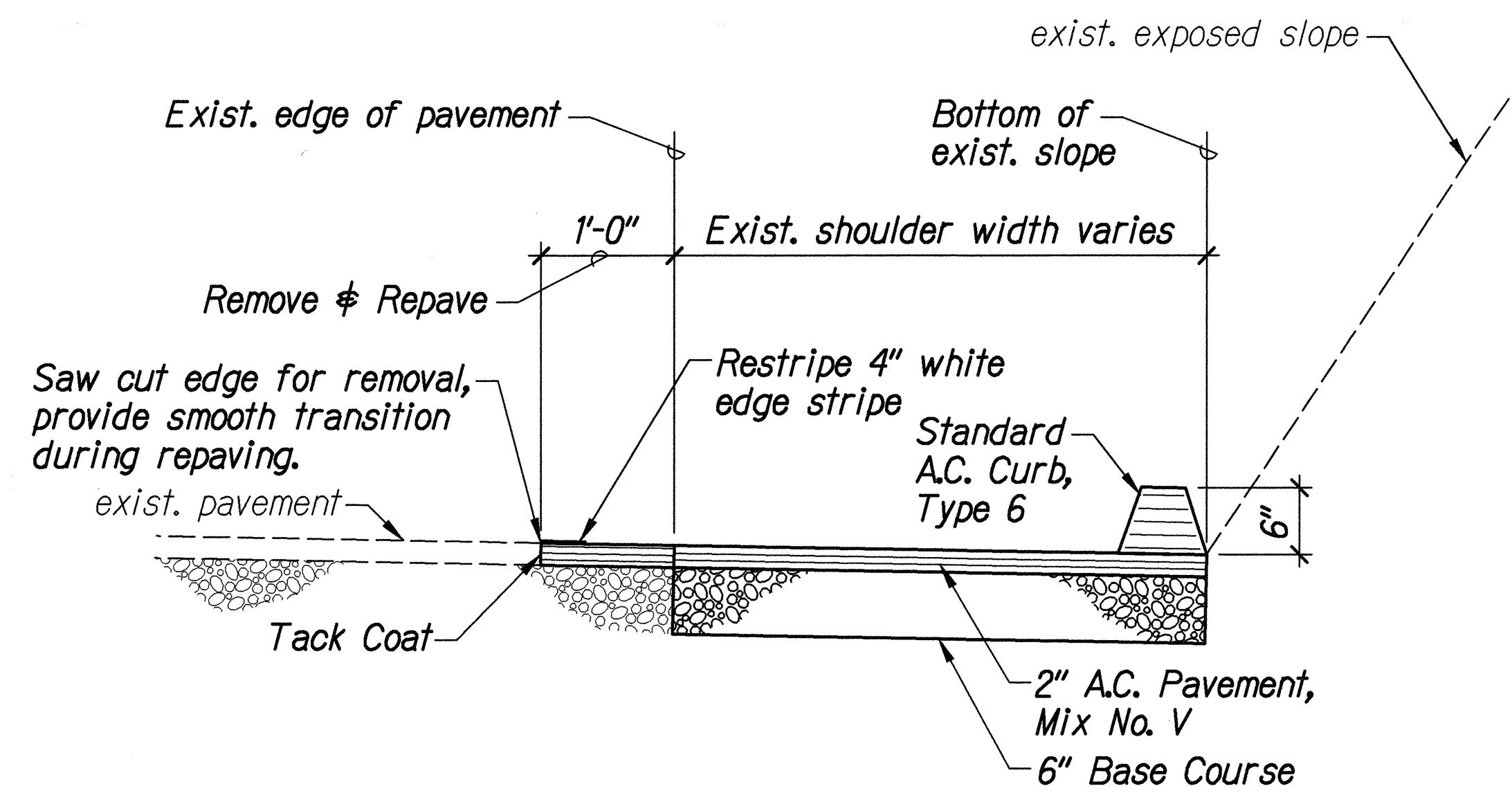
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	



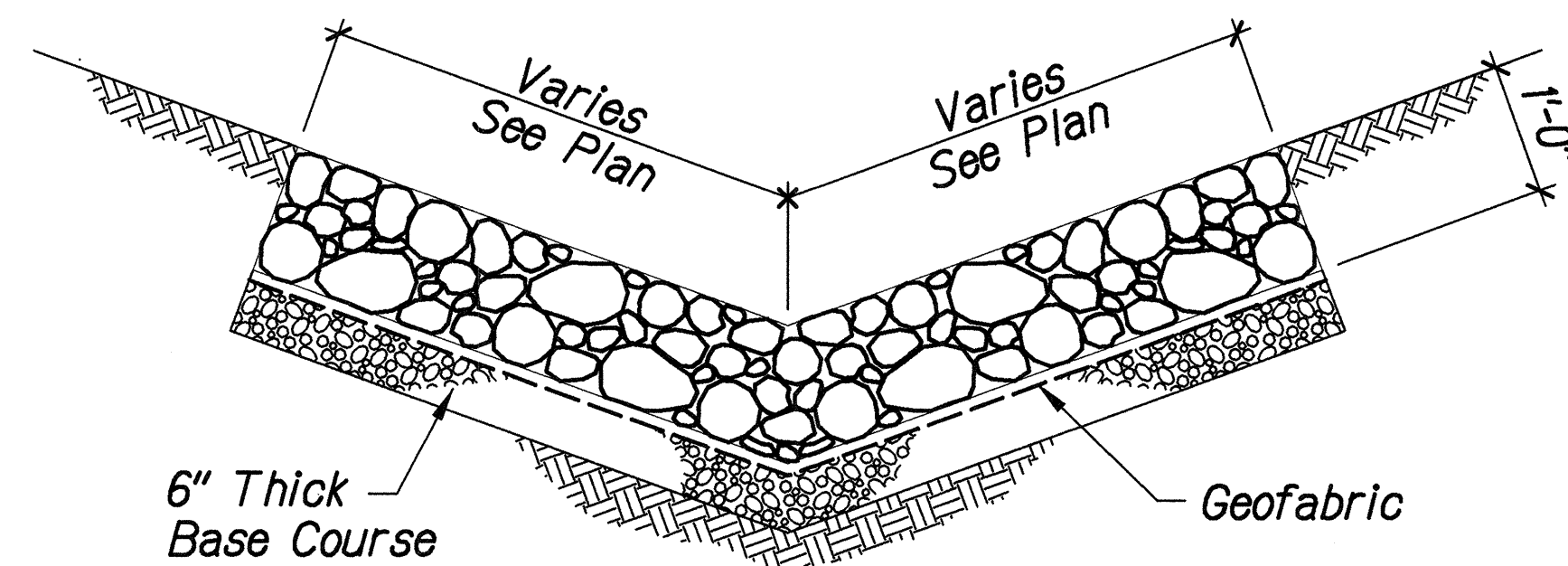
THIS WORK WAS PREPARED BY ME
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Scott A. Kunioka
SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 12TH AVENUE
HONOLULU, HAWAII 96816

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
MISCELLANEOUS DETAILS
Kahekili Hwy.-Repairs and Maintenance
Waiehu Beach Road to Camp Maluhia
Project No. 340CD-01-02M
Scale: As Shown Date: March 21, 2002
SHEET No. 1 OF 2 SHEETS

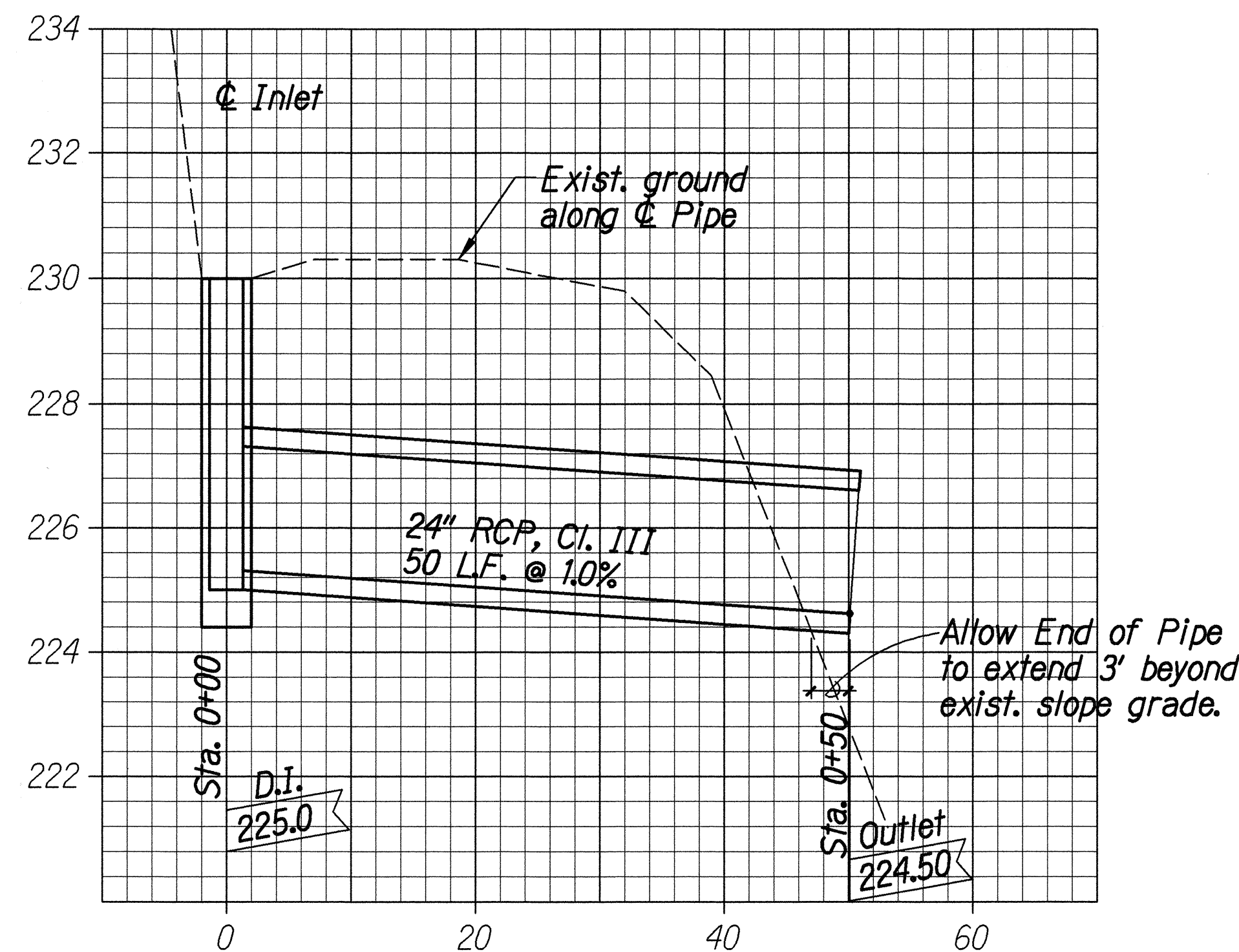
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340CD-01-02M	2002	26	33



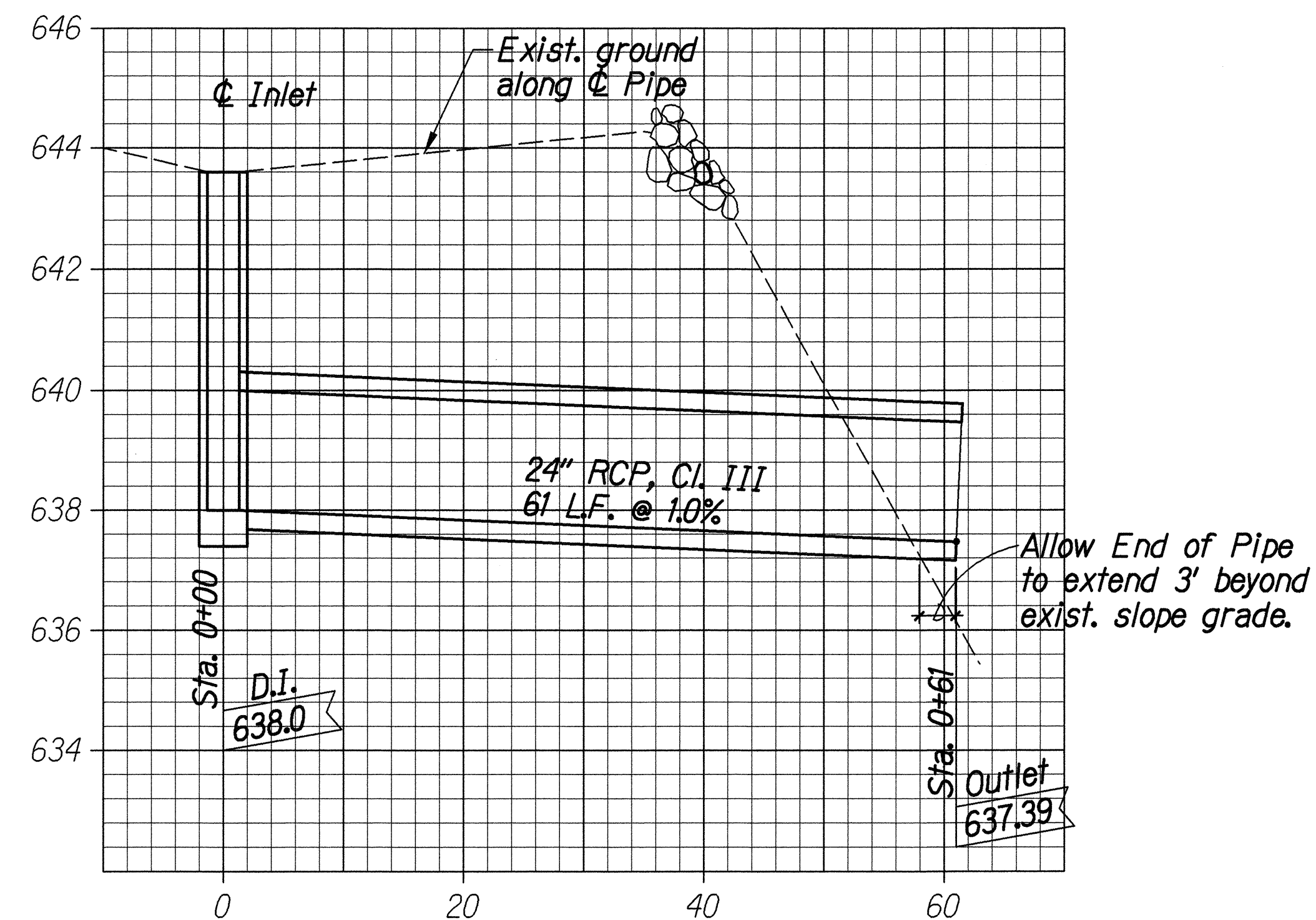
ROAD SHOULDER PAVEMENT SECTION 1
Not to Scale 8 26
19, 20, 21, 22, 23, 24



GRP LINING DETAIL 2
Not to Scale 11 26

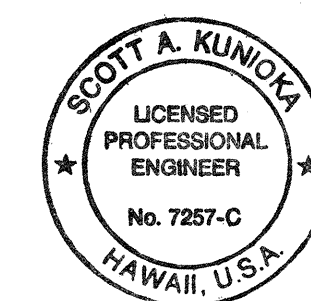


DRAIN LINE PROFILE - STA. 144+19 3
Scale: Horiz.: 1"=10'
Vert.: 1"=2' 14 26



DRAIN LINE PROFILE - STA. 218+21 4
Scale: Horiz.: 1"=10'
Vert.: 1"=2' 18 26

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ORIGINAL PLAN	
NOTE BOOK	
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SHIMABUKURO, ENDO & YOSHIZAKI, INC.
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HONOLULU, HAWAII 96816

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

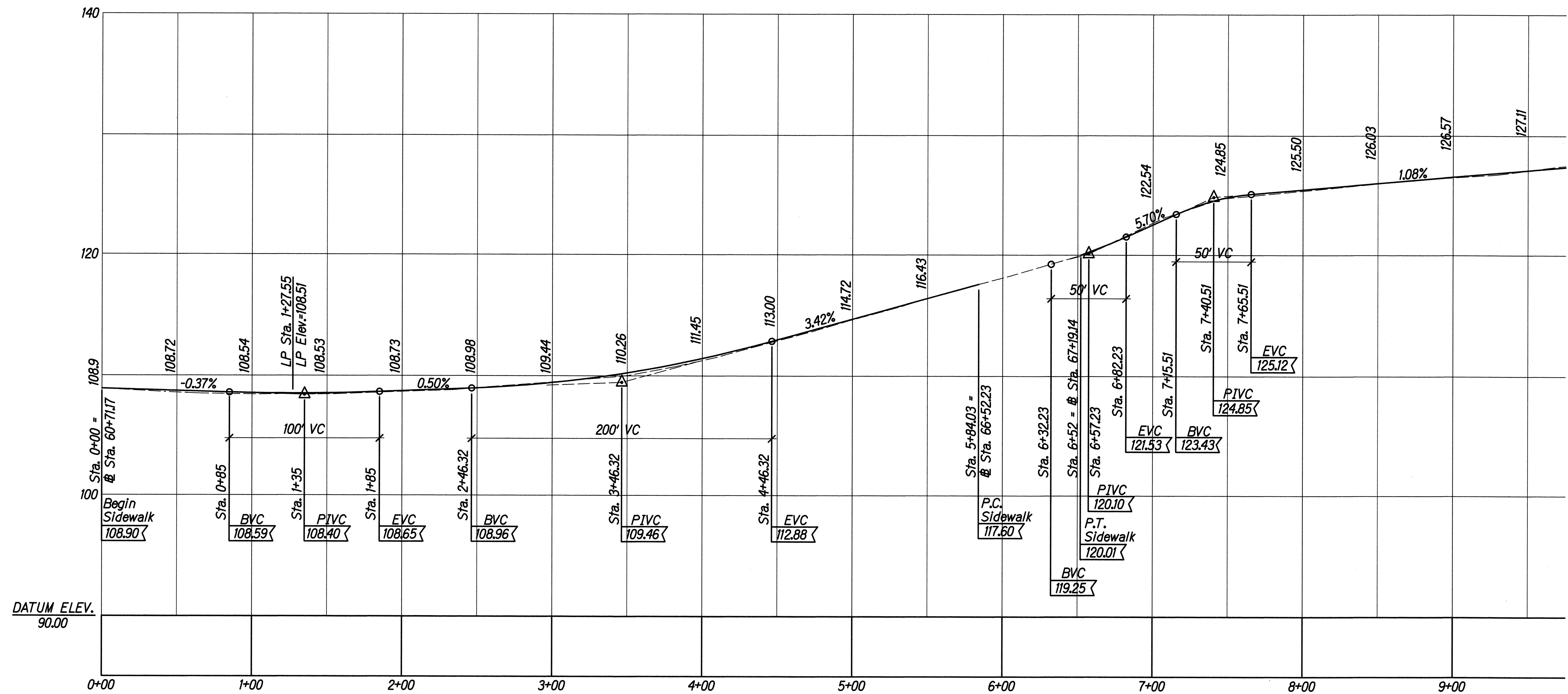
MISCELLANEOUS DETAILS

*Kahekili Hwy.-Repairs and Maintenance
Waiehu Beach Road to Camp Maluhia
Project No. 340CD-01-02M*

Scale: As Shown Date: March 21, 2002

SHEET No. 2 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340CD-01-02M	2002	ADD. 26A	43



PROFILE - BOTTOM CURB OF SIDEWALK - STA. 0+00 TO STA. 9+50
 Scale: Horiz.: 1" = 40'
 Vert.: 1" = 5'

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

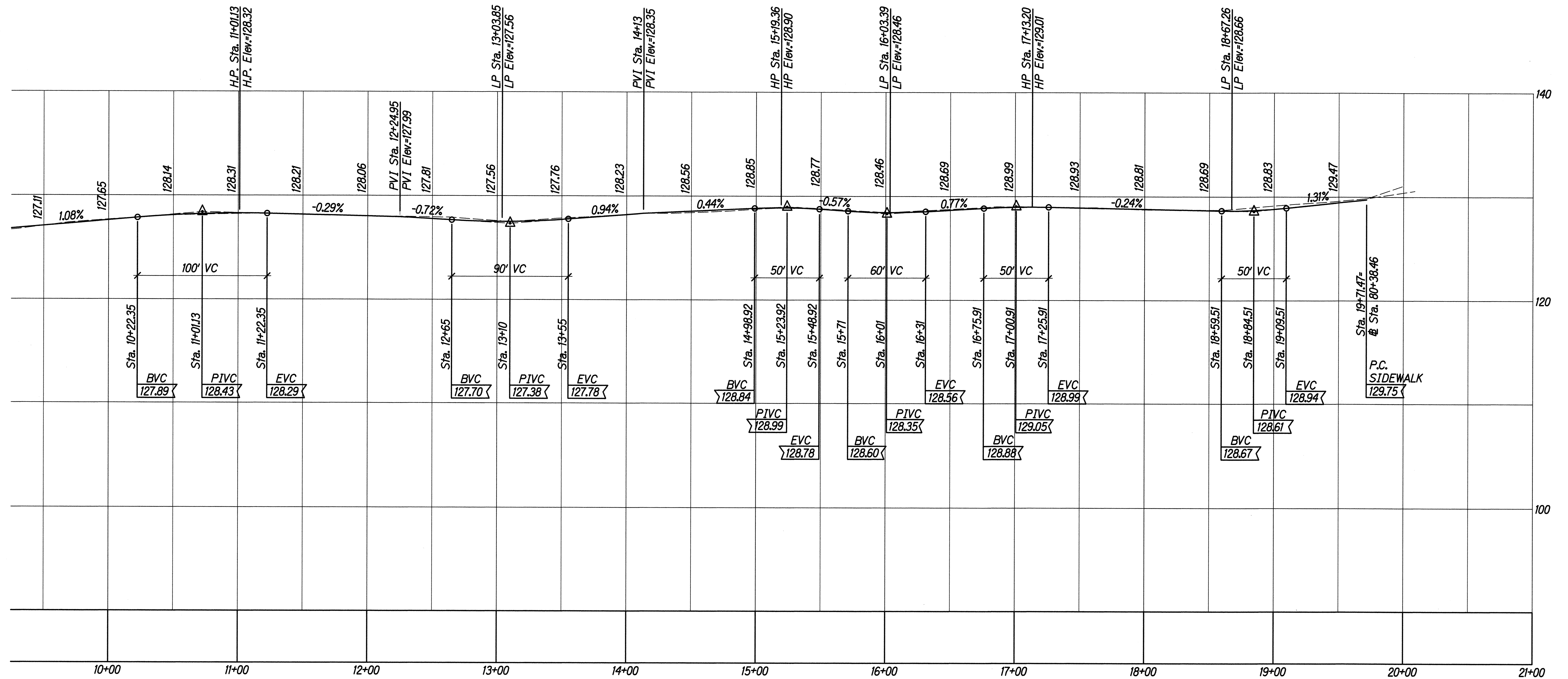
SCOTT A. KUNIOKA
 LICENSED PROFESSIONAL ENGINEER
 No. 7257-C
 HAWAII, U.S.A.

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SHIMABUKURO, ENDO & YOSHIZAKI, INC.
 1126 12th Avenue
 Honolulu, Hawaii 96816

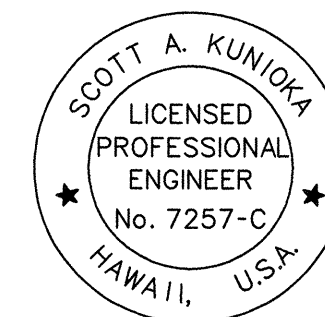
6/17/02	New Sheet
Date	Revisions
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PROFILE-BOTTOM CURB OF SIDEWALK - STA. 0+00 TO STA. 9+50 <i>Kahekili Hwy. Repairs and Maintenance</i> <i>Waiehu Beach Road to Camp Maluhia</i> <i>Project No. 340CD-01-02M</i> Scale: As Shown Date: June 17, 2002	
SHEET No. 1	OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340CD-01-02M	2002	ADD. 26B	43



PROFILE - BOTTOM CURB OF SIDEWALK - STA. 9+50 TO STA. 20+00

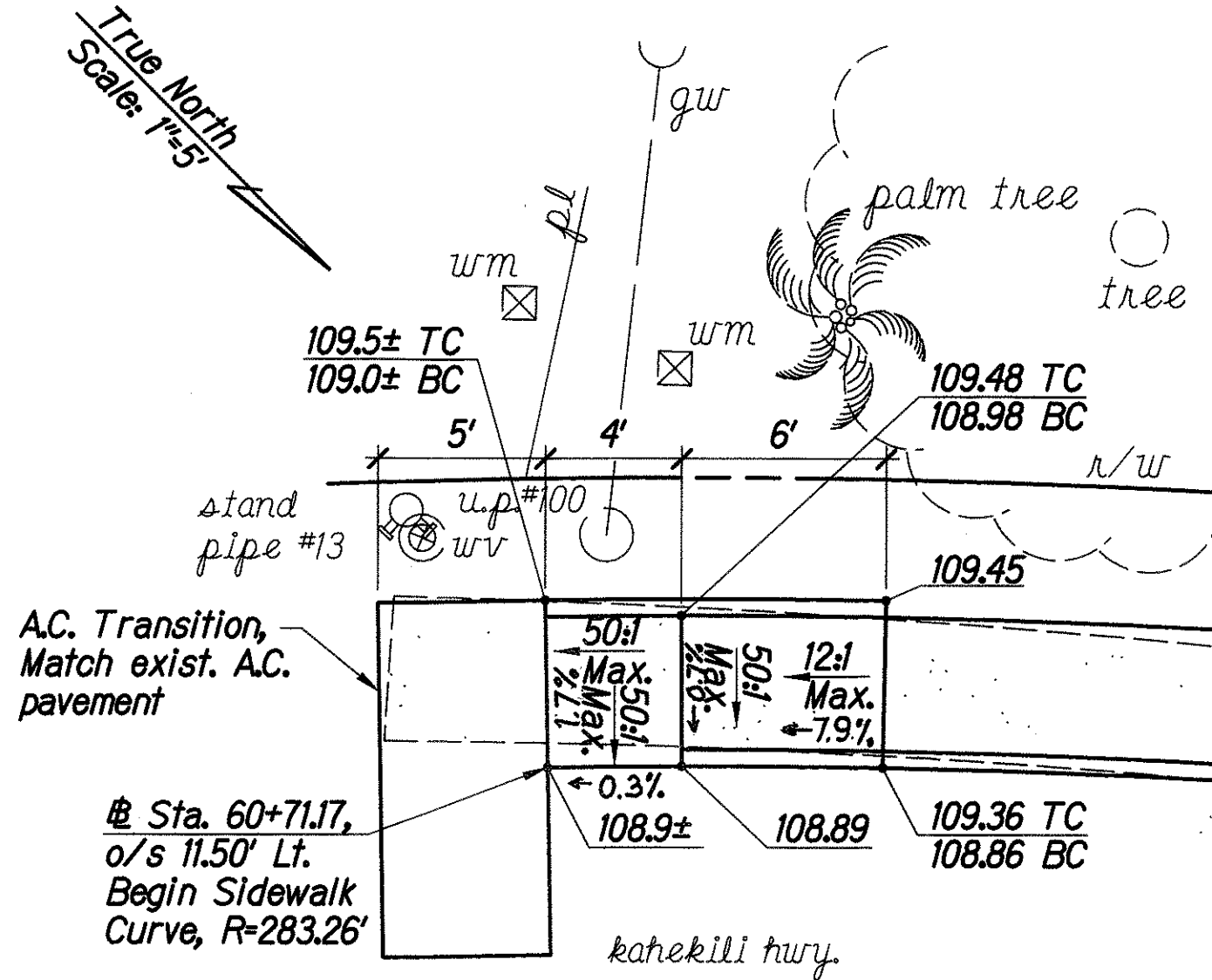
Scale: Horiz: 1" = 40'
Vert: 1" = 5'



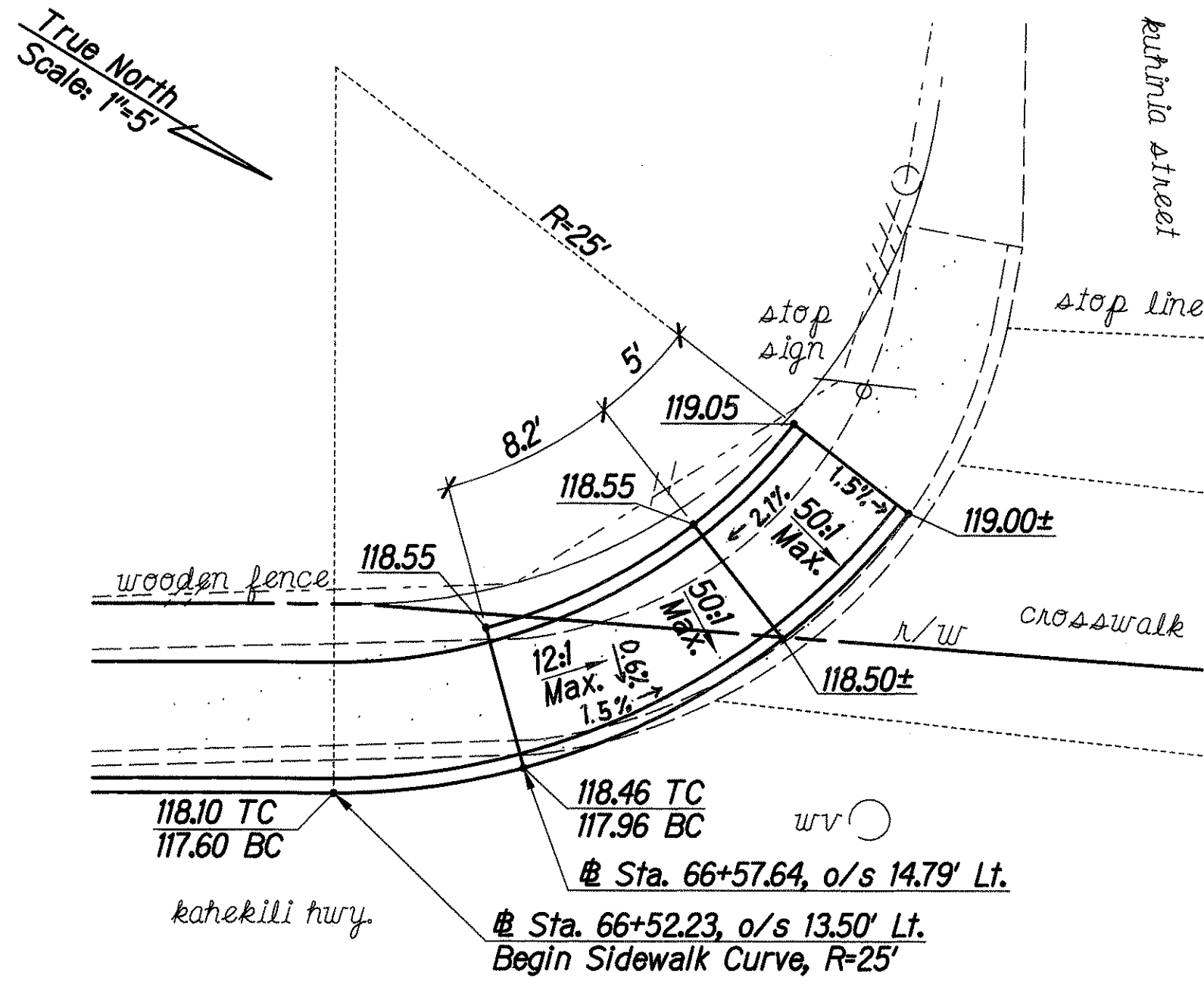
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Scott A. Kunioka
SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 12th Avenue
Honolulu, Hawaii 96816

6/17/02	New Sheet
Date	Revisions
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PROFILE-BOTTOM CURB OF SIDEWALK - STA. 9+50 TO 20+00	
<i>Kahekili Hwy. Repairs and Maintenance Waiehu Beach Road to Camp Maluhia Project No. 340CD-01-02M</i>	
Scale: As Shown	Date: June 17, 2002
SHEET No. 2 OF 2 SHEETS	

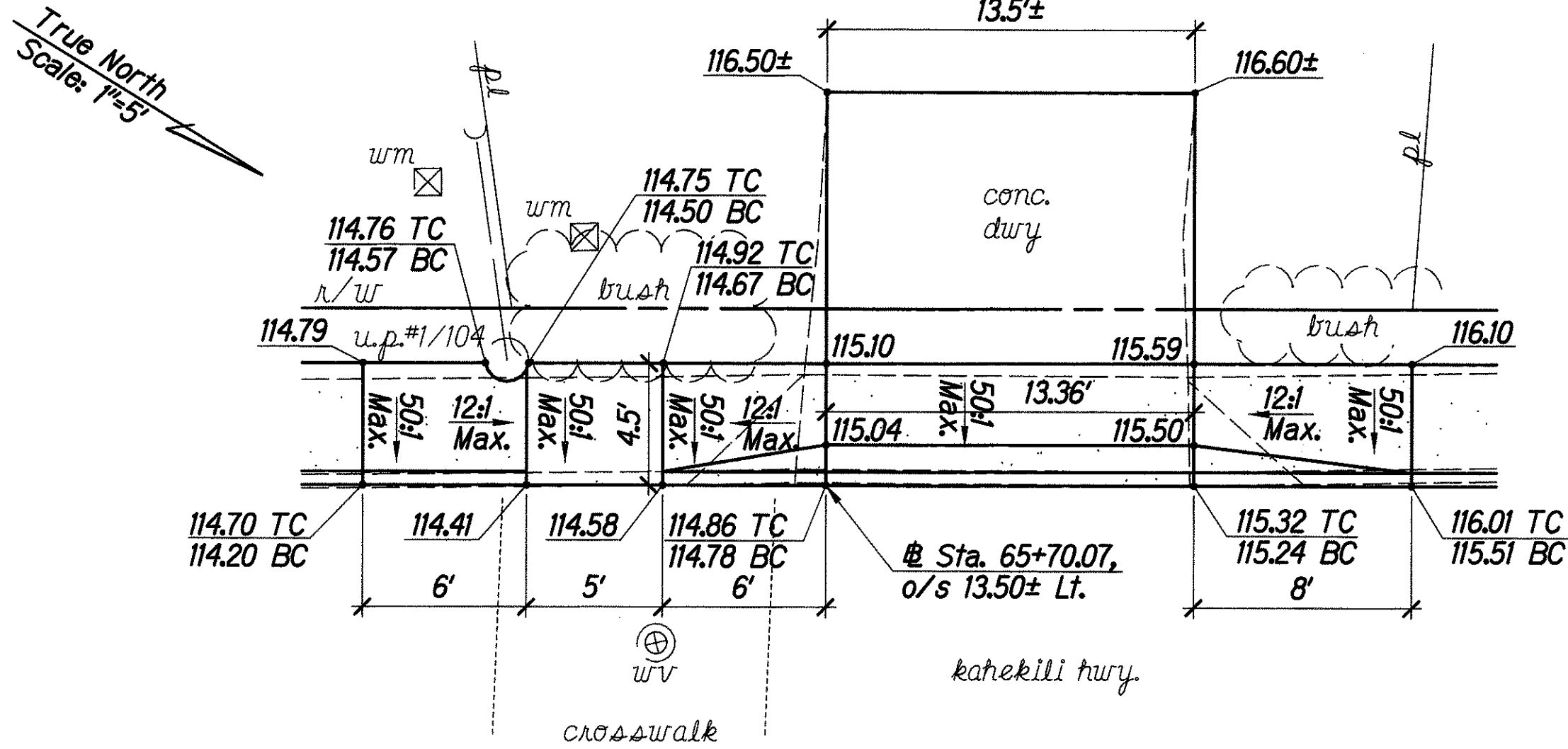
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340CD-01-02M	2002	ADD. 26C	43



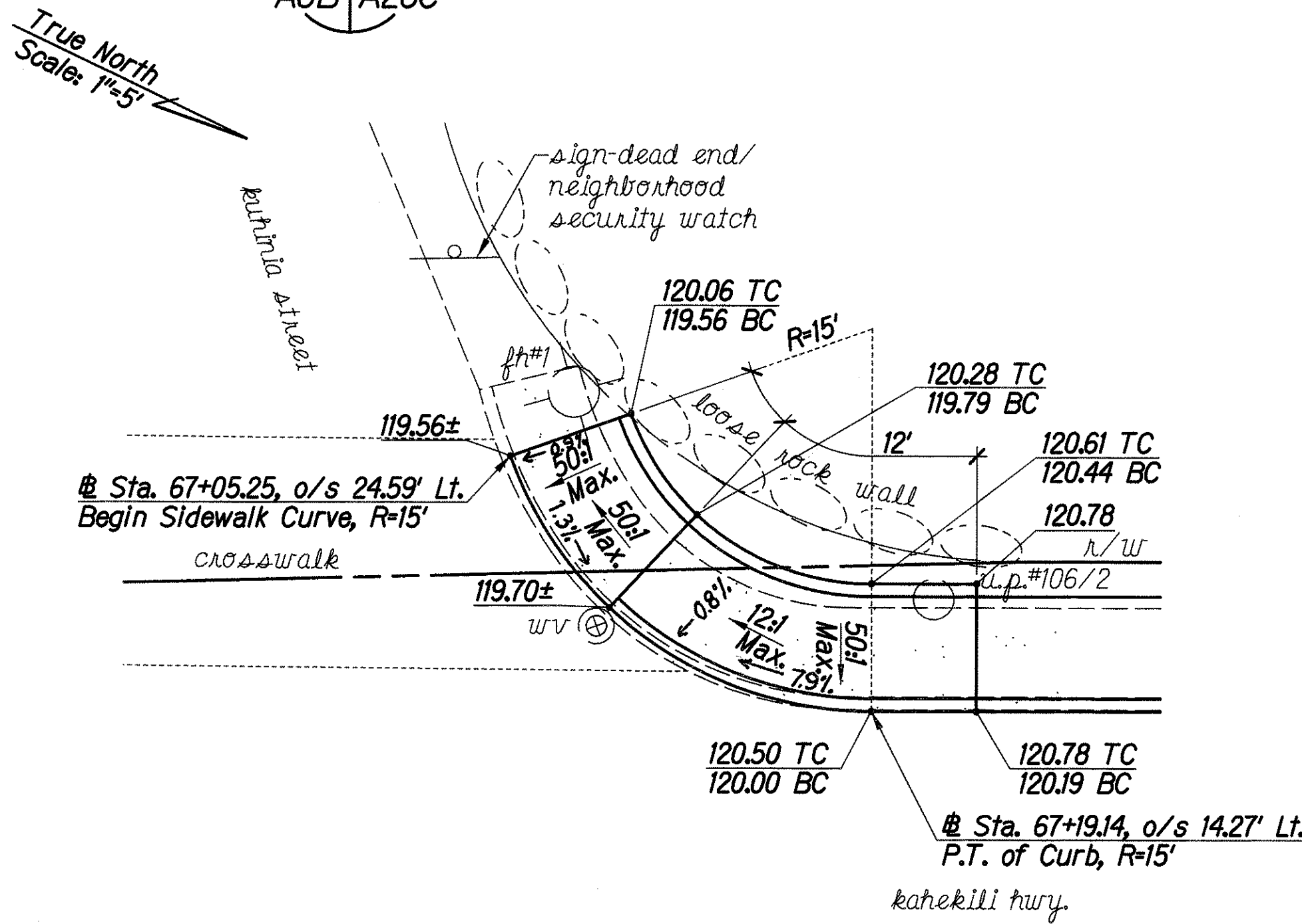
1 Curb Ramp at Sta 60+71.17
A8A A26C Scale: 1"=5'



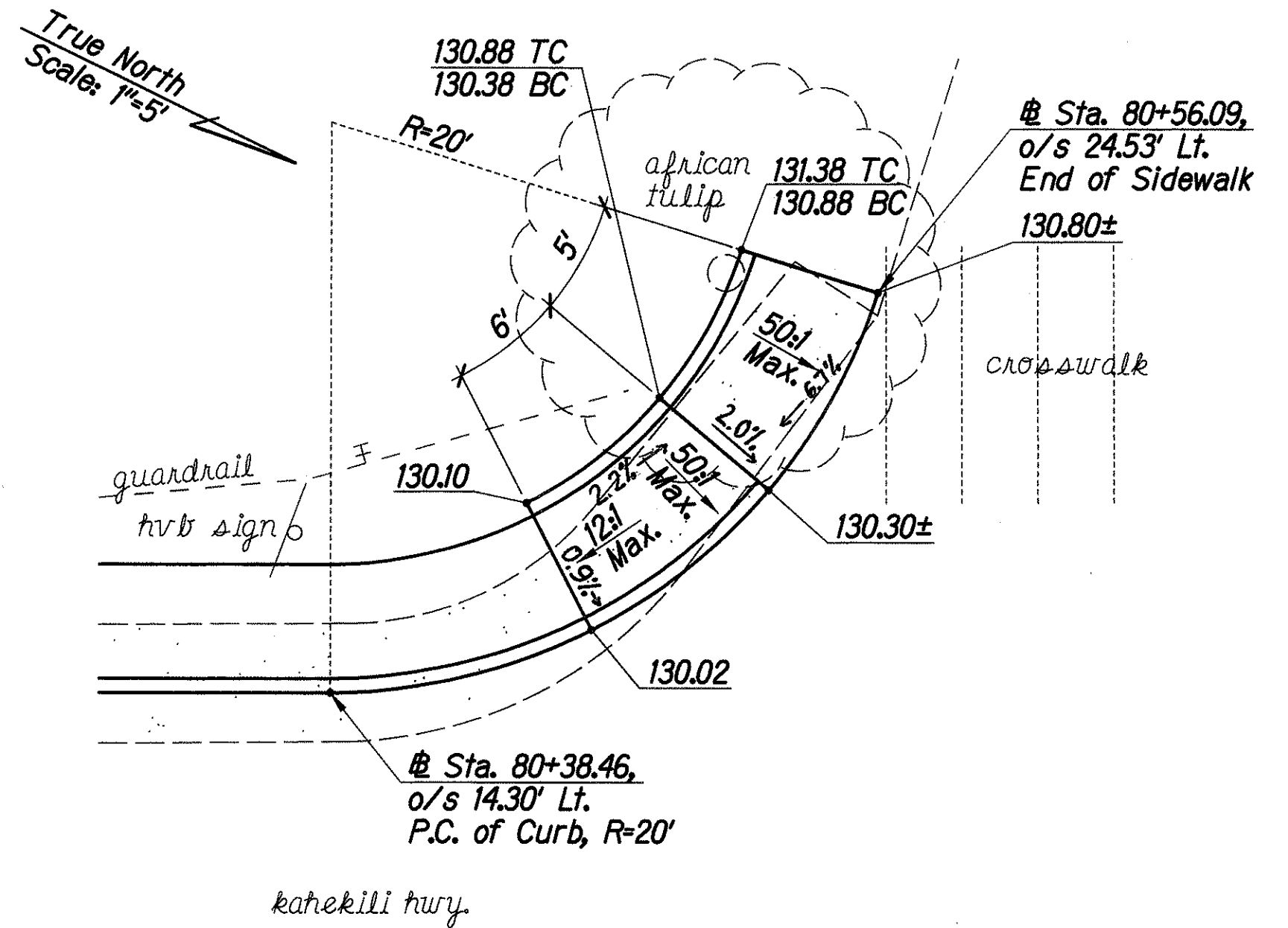
3 Curb Ramp at Sta 66+57.64
A8B A26C Scale: 1"=5'



2 Curb Ramp at Sta 65+45.13
A8B A26C Scale: 1"=5'



4 Curb Ramp at Sta 67+05.25
A8B A26C Scale: 1"=5'



5 Curb Ramp at Sta 80+38.46
A8E A26C Scale: 1"=5'

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

SCOTT A. KUNIOKA
LICENSED PROFESSIONAL ENGINEER
No. 7257-C
HAWAII, U.S.A.

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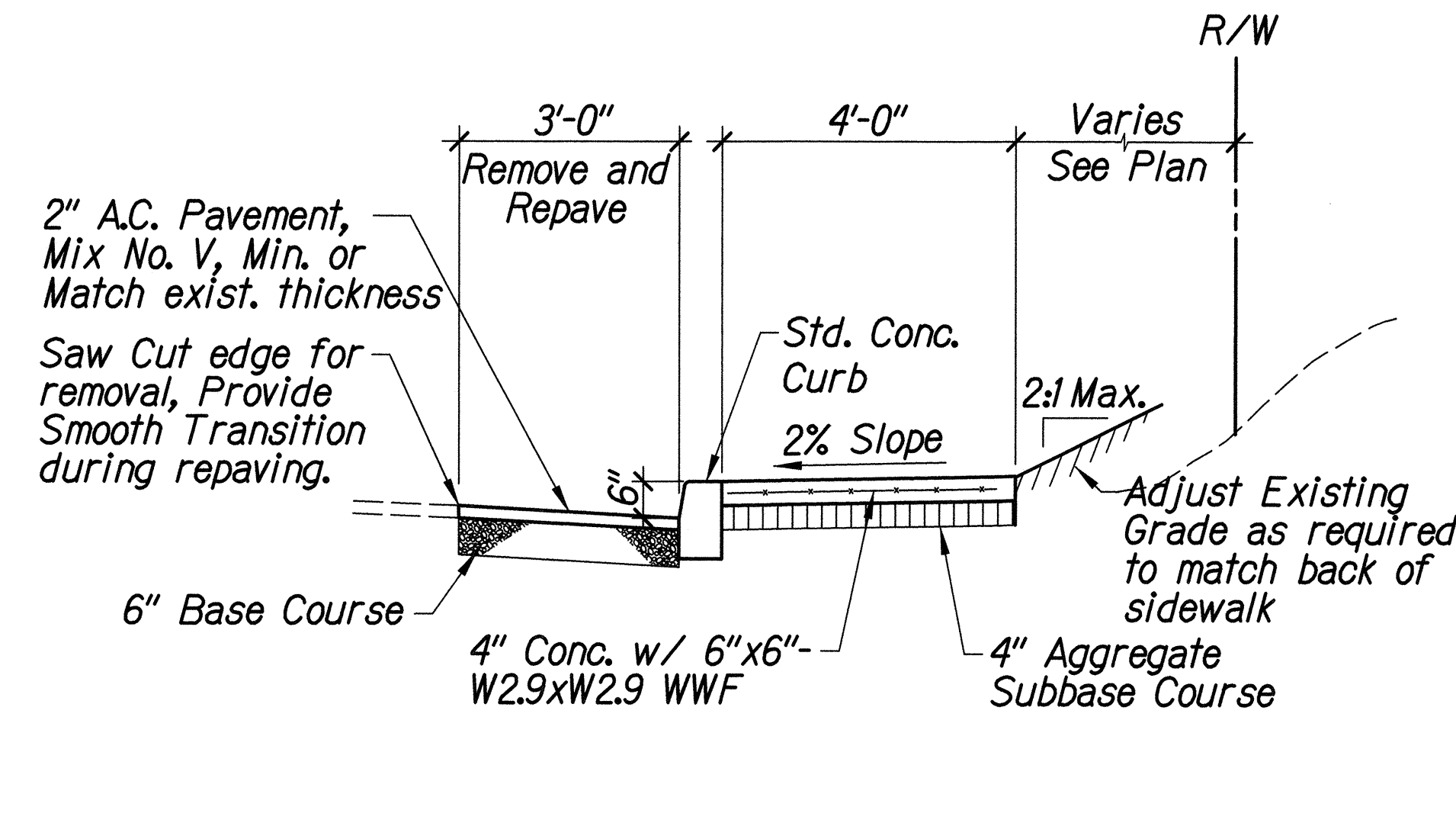
Scott A. Kunioka
SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 "12TH" AVENUE
Honolulu, Hawaii 96816

6/17/02	New Sheet
Date	Revisions
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIDEWALK CURB RAMPS	
<i>Kahekili Hwy. Repairs and Maintenance Waiehu Beach Road to Camp Maluhia Project No. 340CD-01-02M</i>	
Scale: As Shown	Date: June 17, 2002
SHEET No. 1 OF 1 SHEETS	

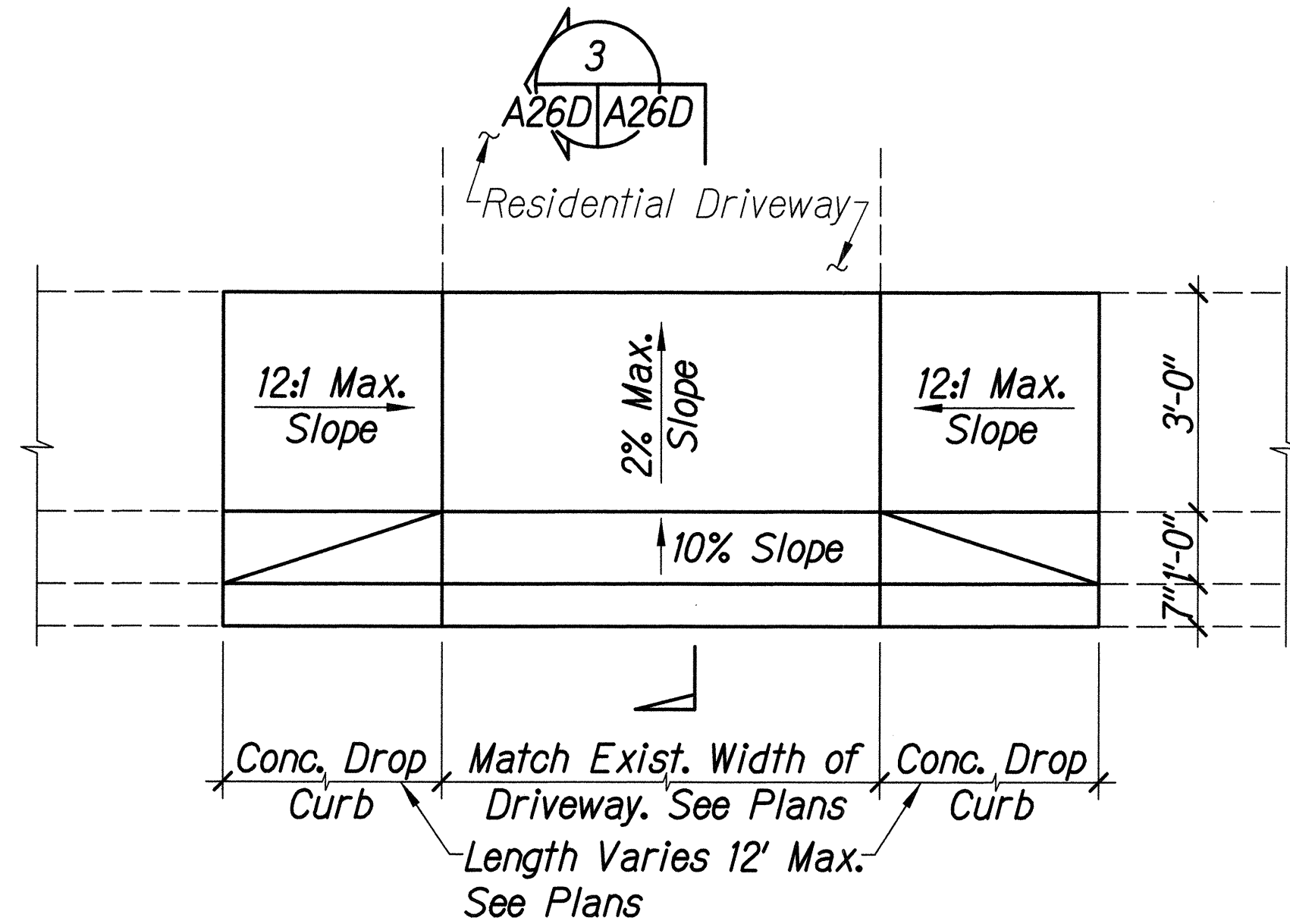
"AS-BUILT"

ADD. 26C

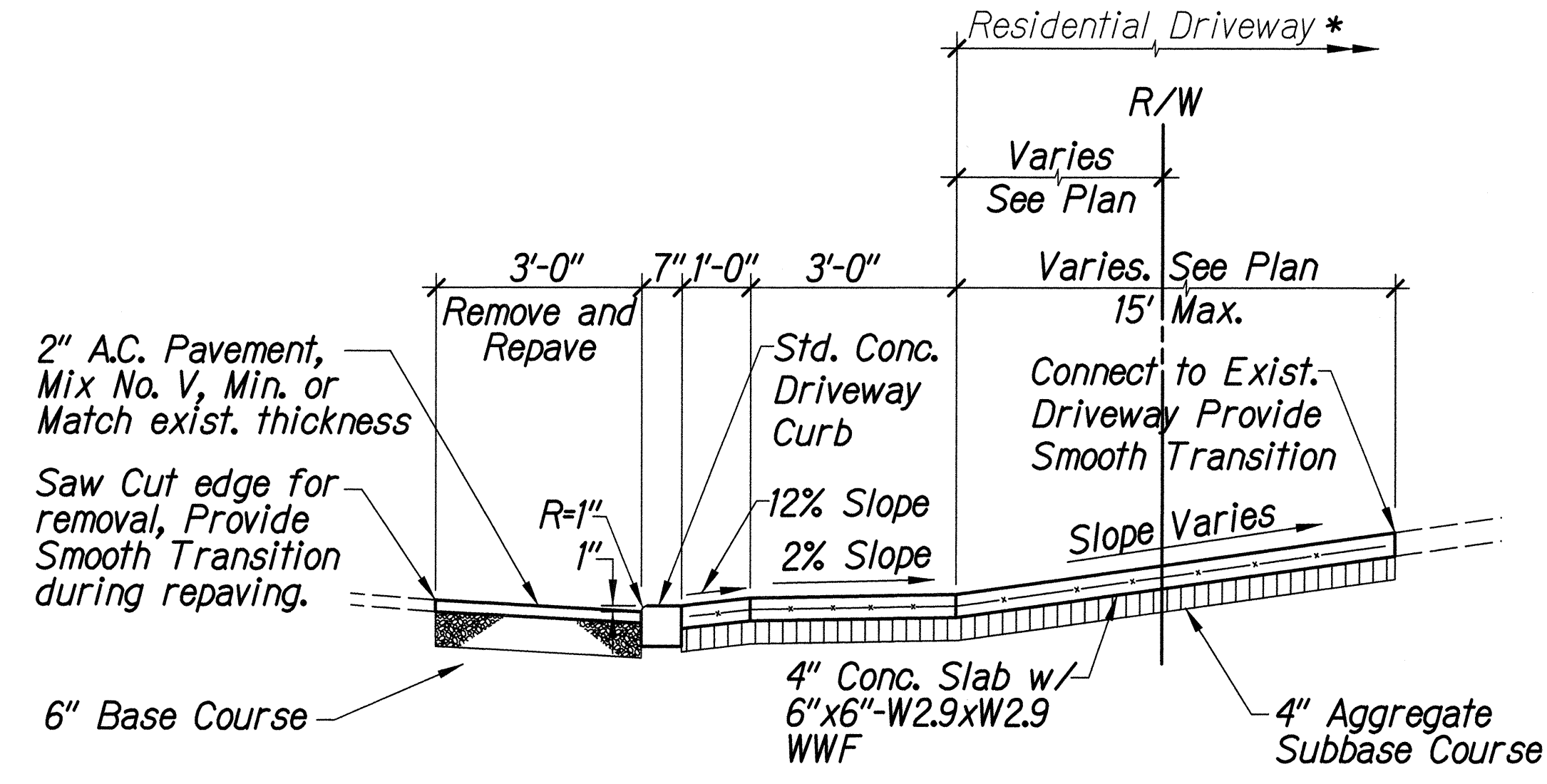
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	340CD-01-02M	2002	ADD. 26D	43



1 NEW SIDEWALK-TYPICAL SECTION
A8A|A26D Scale: 1/2"=1'-0"
A8B, A8C, A8D, A8E



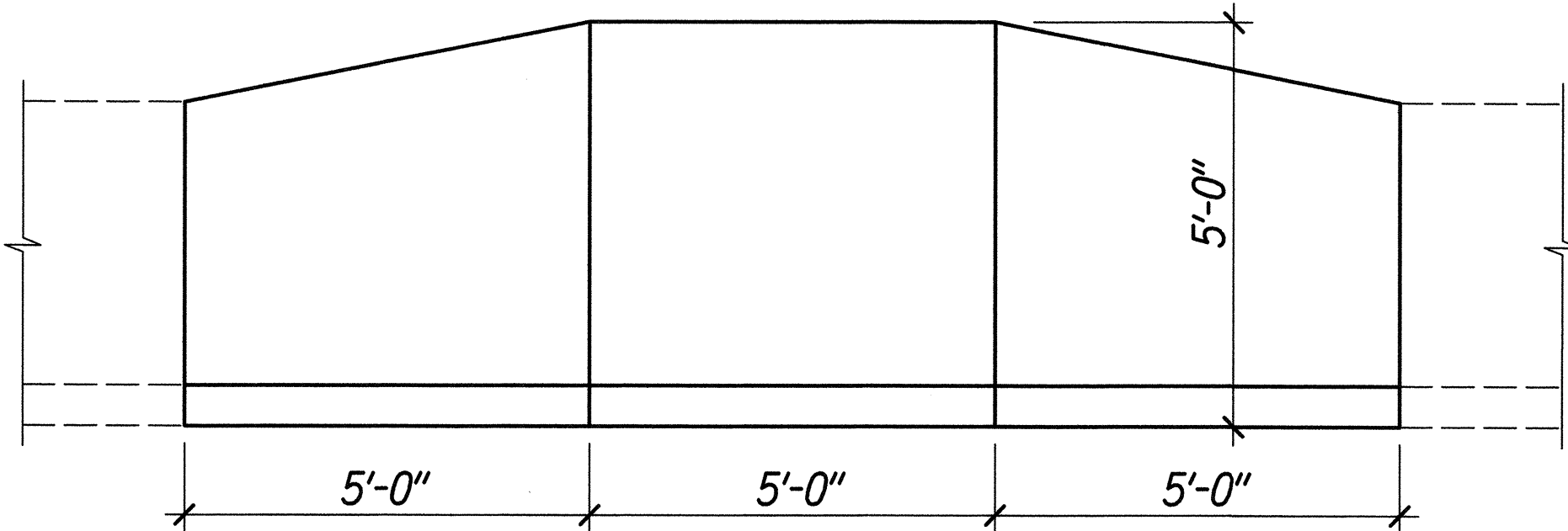
2 CONC. DRIVEWAY APRON PLAN
A8A|A26D Scale: 1/2"=1'-0"
A8B, A8C, A8D, A8E



3 CONC. DRIVEWAY APRON SECTION
A26D|A26D Scale: 1/2"=1'-0"

Note:

*Contractor shall notify and coordinate proposed work within private properties with the property owners. Contractor shall obtain written permission from private property owners to perform work within their property and to schedule an acceptable date and time for the Contractor to perform its work. The Contractor shall submit a copy of a written agreement with the private property owner stating acceptance of the work to be done and the date and times the work will be performed. The written agreement shall be provided to the engineer five (5) working days prior to the start of work in the private property.

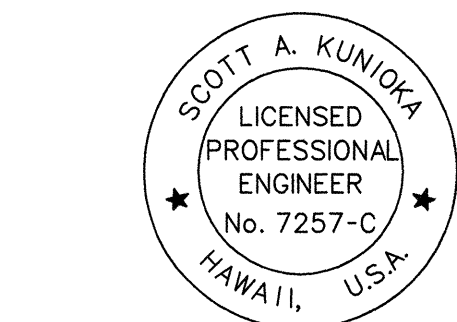


NOTE:

Maximum spacing of accessible passing space shall not exceed 200'

4 ACCESSIBLE PASSING SPACE
A8A|A26D Scale: 1/2"=1'-0"
A8B, A8C, A8D, A8E

SURVEY PLOTTED BY	DATE
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QUANTITIES BY	
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ORIGINAL PLAN	
NOTE BOOK	
No.	



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SHIMABUKURO, ENDO & YOSHIZAKI, INC.
1126 12th Avenue
Honolulu, Hawaii 96816

6/17/02	New Sheet
Date	Revisions
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SIDEWALK REPLACEMENT DETAILS <i>Kahekili Hwy. Repairs and Maintenance Waiehu Beach Road to Camp Maluhia Project No. 340CD-01-02M</i> Scale: As Shown Date: June 17, 2001	
SHEET No. 1	OF 1 SHEETS