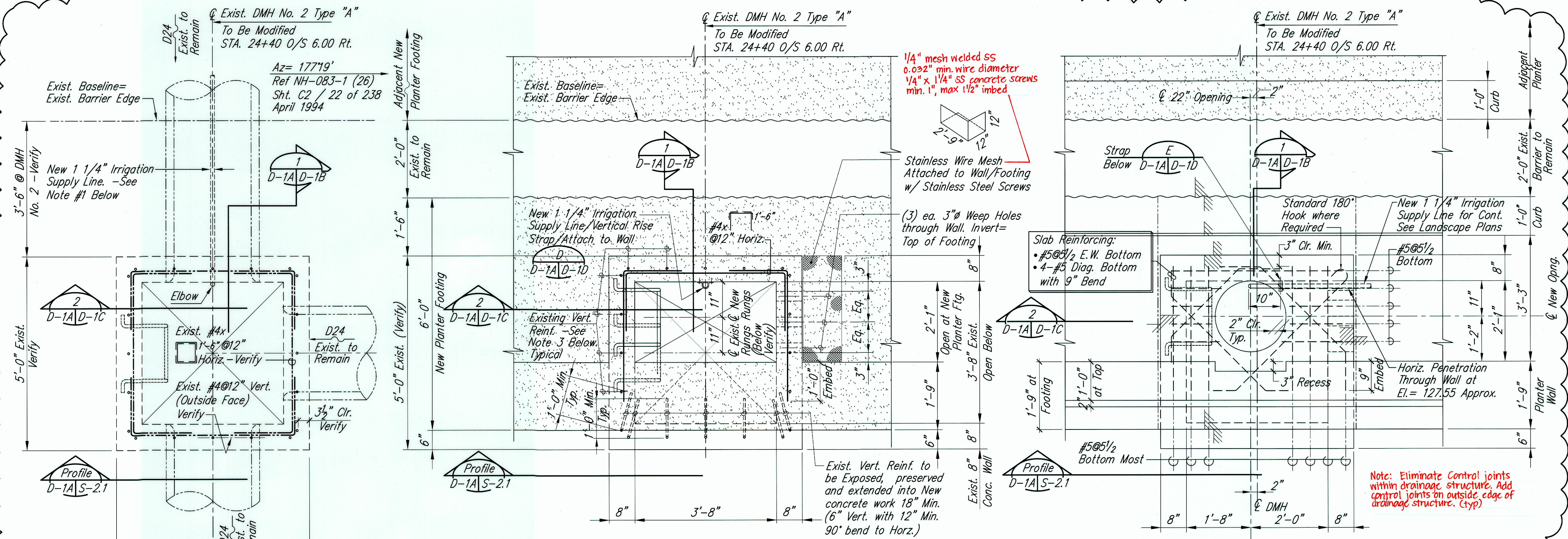


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C0.15S-1	78



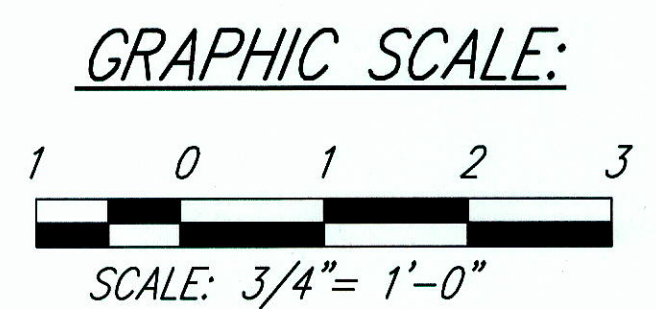
- Notes to DMH No. 2
- The New 1 1/4" Irrigation Supply Line location may be adjusted from that shown above - only with the Engineer's Approval.
 - Existing DMH No. 2 Type "A" (From Reference FAP No. NH-083-1(26))
: Top = 126.2(±) to Top of Type "P" Manhole Frame and Cover.
: Invert = 120.0
 - o Indicates Existing vertical reinforcing to be exposed, preserved and extended into new concrete wall 24" min. Refer to Section 2/D-1C.

PLAN BELOW FINISH GRADE
DMH No. 2 (EXIST.)
Sc: 3/4"=1'-0"

PLAN at NEW PLANTER FOOTING
DMH No. 2 (EXIST.)
Sc: 3/4"=1'-0"

PLAN at NEW PLANTER WALL/
DMH No. 2 NEW TOP SLAB
DMH No. 2 (EXIST.)
Sc: 3/4"=1'-0"

ORIGINAL PLAN	DATE
DRAWN BY	8/10/02
DESIGNED BY	8/10/02
QUANTITIES BY	8/10/02
CHECKED BY	8/10/02



STEWART N. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
No. 3908-S
HAWAII, USA

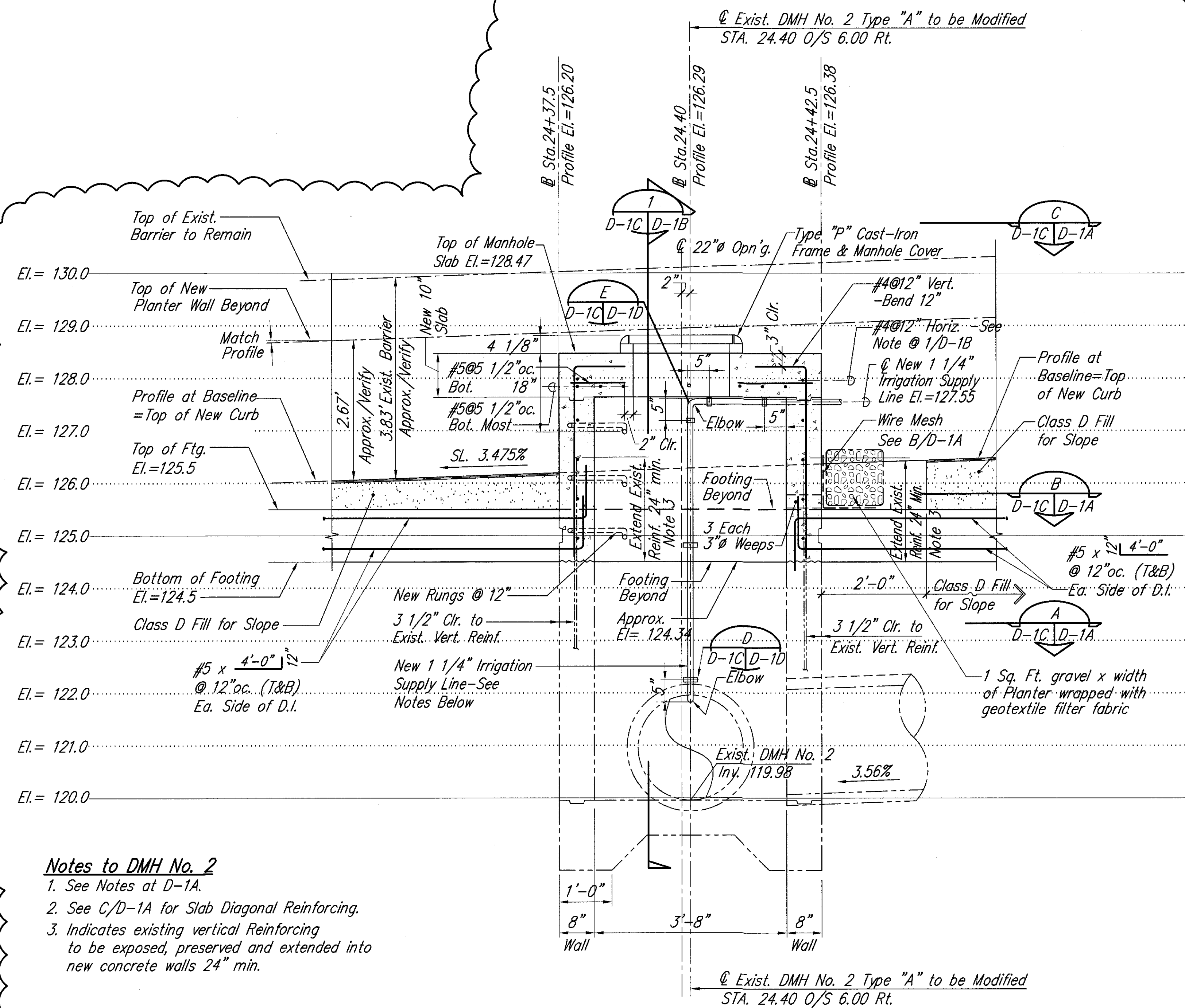
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION:
Mitsunaga & Associates, Inc.
April 30, 2006
Expiration Date of the License

12/17/04	7	New Drawing Re: Deletion of DL-1 and DL-2
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
DRAINAGE DETAILS DRAIN MANHOLE 2		
KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49)		
Scale: As Noted	Date: Dec. 17, 2004	
SHEET No. D-1A OF 6 SHEETS		

"AS-BUILT"

C.O.15S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C0.15S-3	78



Notes to DMH No. 2

1. See Notes at D-1A.
2. See C/D-1A for Slab Diagonal Reinforcing.
3. Indicates existing vertical Reinforcing to be exposed, preserved and extended into new concrete walls 24" min.

SECTION

Scale: 3/4"=1'-0"

Note: Not Used
D-1C D-1C

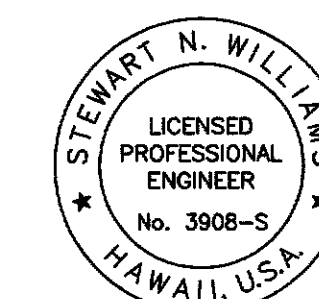
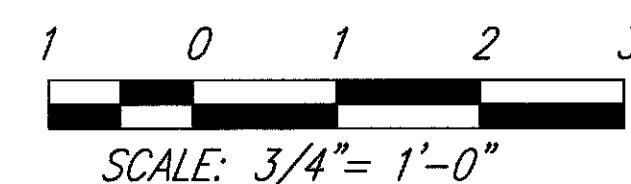
EXISTING BASELINE PROFILE DATA

Ref: FAP NH-083-1(26)
Sheet C2 of C19 April 1994
(Sheet 22 of 238)

Station	Elevation
24 + 37.5	Elevation = 126.20
24 + 40	Elevation = 126.29
24 + 42.5	Elevation = 126.38

1. $El. = 124.90 + .03475 (\text{Station} - 2400)$

GRAPHIC SCALE:

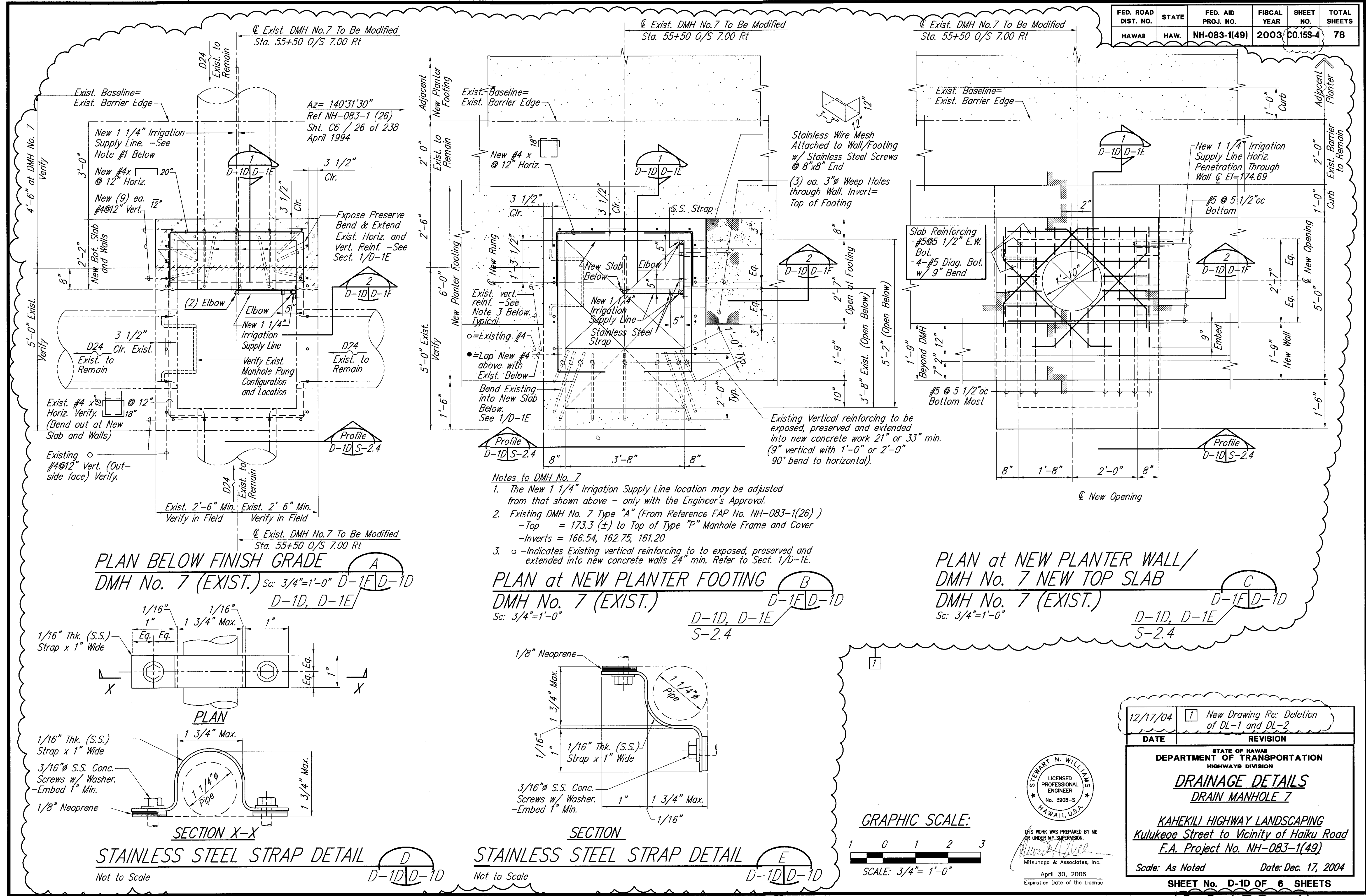


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April 30, 2006
Expiration Date of the License

12/17/04	1 New Drawing Re: Deletion of DL-1 and DL-2
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DRAINAGE DETAILS DRAIN MANHOLE 2	
KAHEKILI HIGHWAY LANDSCAPING Kulukeoe Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49)	
Scale: As Noted	Date: Dec. 17, 2004
SHEET No. D-1C OF 6 SHEETS	

C.O.15S-3

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C0.15S-4	78



ORIGINAL PLAN	DATE
NOTED BY	8/10/02
DESIGNED BY	S. Williams
QUANTITIES BY	S. Williams
CHECKED BY	K. Kishida
DATE	8/10/02

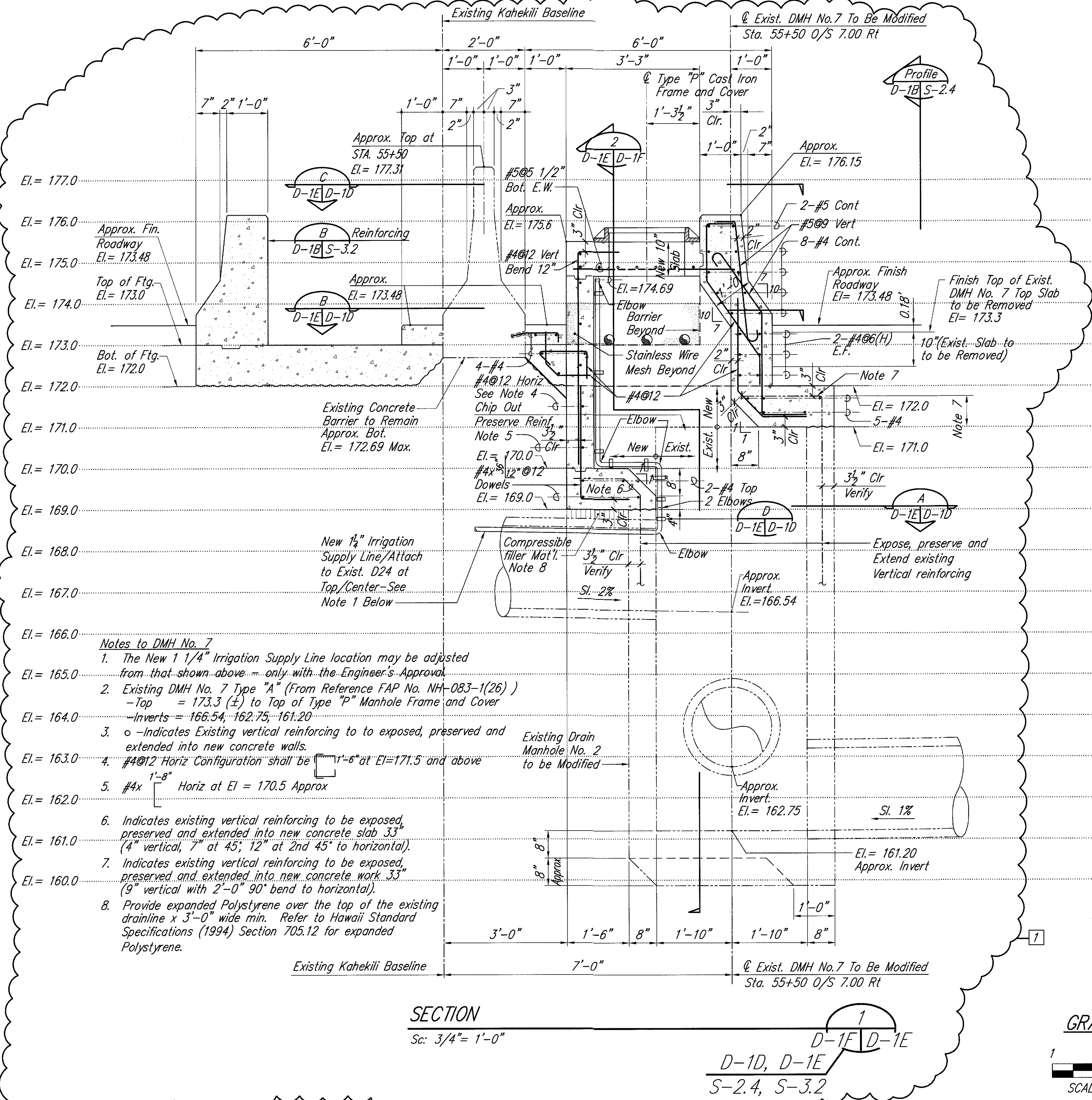
STEWART N. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
No. 3908-S
HAWAII, U.S.A.

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OR UNDER MY SUPERVISION.
Stewart N. Williams
Mitsunaga & Associates, Inc.
April 30, 2006
Expiration Date of the License

12/17/04	1	New Drawing Re: Deletion of DL-1 and DL-2
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
DRAINAGE DETAILS DRAIN MANHOLE 7		
KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49)		
Scale: As Noted	Date: Dec. 17, 2004	
SHEET No. D-1D OF 6 SHEETS		

C.O.15S-4

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C.O.15S-5	78

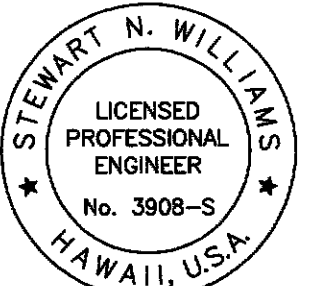
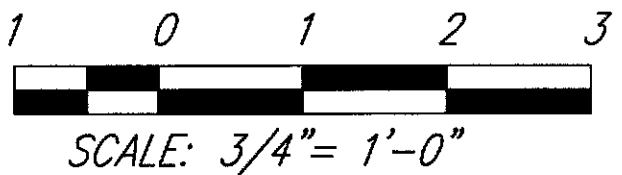


- Notes to DMH No. 7**
- The New 1 1/4" Irrigation Supply Line location may be adjusted from that shown above only with the Engineer's Approval.
 - Existing DMH No. 7 Type "A" (From Reference FAP No. NH-083-1(26)) - Top = 173.3 (±) to Top of Type "P" Manhole Frame and Cover - Inverts = 166.54, 162.75, 161.20
 - o - Indicates Existing vertical reinforcing to be exposed, preserved and extended into new concrete walls.
 - #4@12 Horiz Configuration shall be 1'-6" at El=171.5 and above
 - #4x 1'-8" Horiz at El = 170.5 Approx
 - Indicates existing vertical reinforcing to be exposed, preserved and extended into new concrete slab 33" (4" vertical, 7" at 45°, 12" at 2nd 45° to horizontal).
 - Indicates existing vertical reinforcing to be exposed, preserved and extended into new concrete work 33" (9" vertical with 2'-0" 90° bend to horizontal).
 - Provide expanded Polystyrene over the top of the existing drainline x 3'-0" wide min. Refer to Hawaii Standard Specifications (1994) Section 705.12 for expanded Polystyrene.

SECTION

Sc: 3/4" = 1'-0"

GRAPHIC SCALE:



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April 30, 2006
Expiration Date of the License

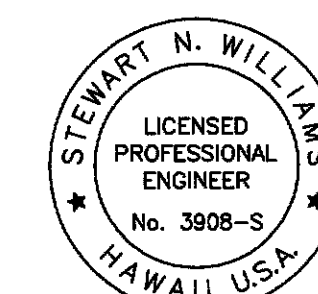
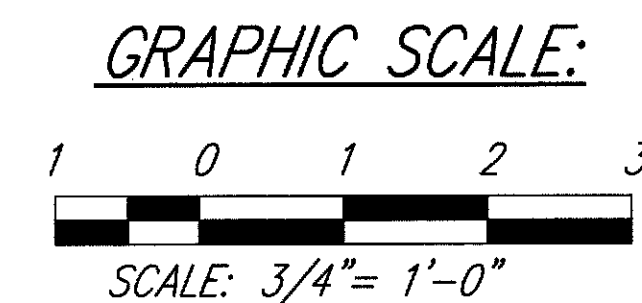
DATE	12/17/04	REVISION	1 New Drawing Re: Deletion of DL-1 and DL-2
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DRAINAGE DETAILS DRAIN MANHOLE 7 KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49) Scale: As Noted Date: Dec. 17, 2004 SHEET No. D-1E OF 6 SHEETS			

C.O.15S-5

[illegible]

PLAN at NEW PLANTER WALL/
DMH No. 6 NEW TOP SLAB
DMH No. 6 (EXIST.)
Sc: 3/4"=1'-0"
D-1D, D-3A, D-3B
S-2.3

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	" _____
	TRACED BY _____	" _____
	DESIGNED BY _____	" 8/10/02
	QUANTITIES BY _____	" 8/10/02
No. _____	CHECKED BY _____	" 8/10/02
	K. Kalani	" 8/10/02

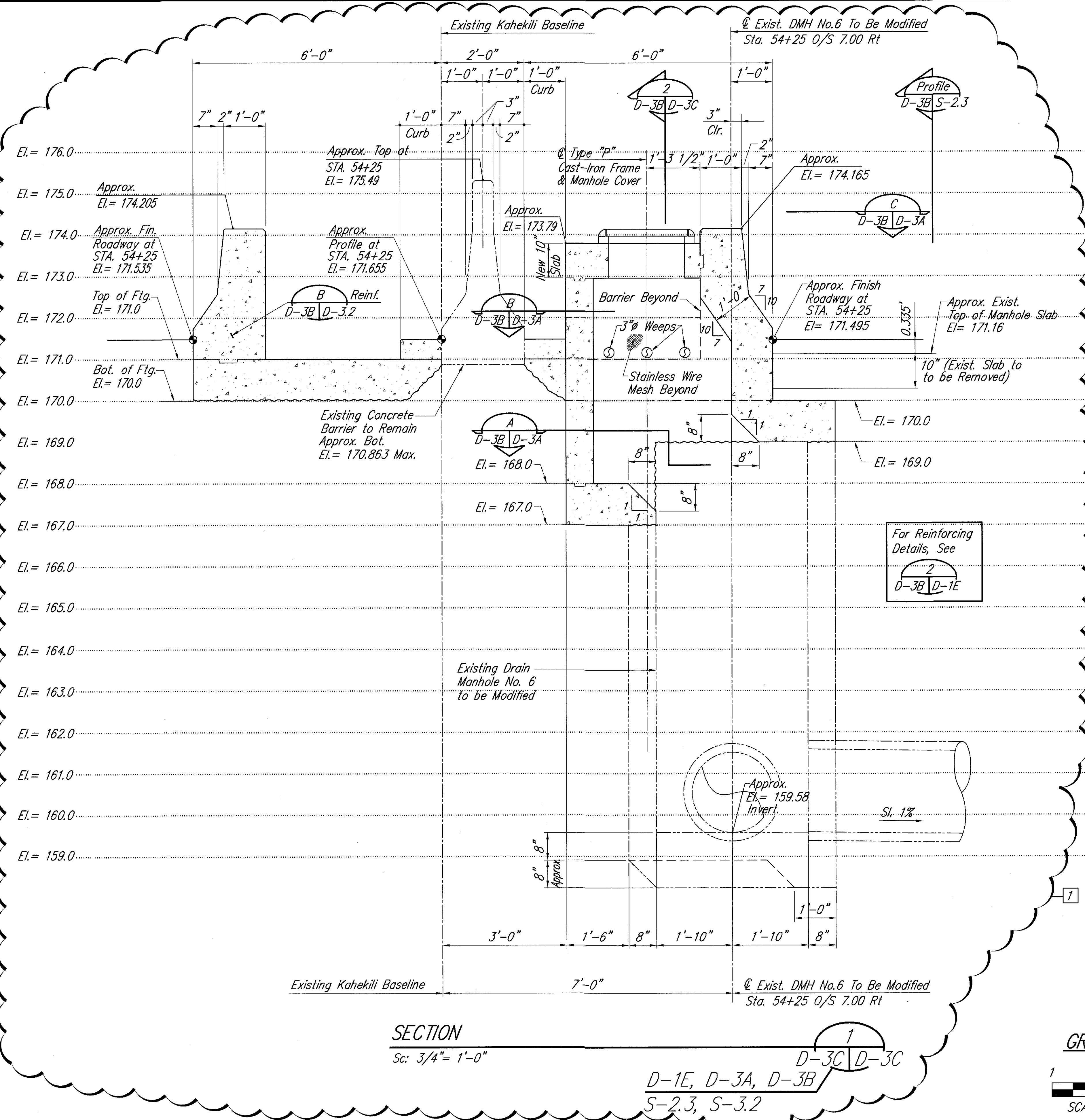


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Shirley A. Mitsu
Mitsunaga & Associates, Inc.
April 30, 2006
Expiration Date of the License

SHEET No. D-3A OF 6 SHEETS

1 C.O.17S-1

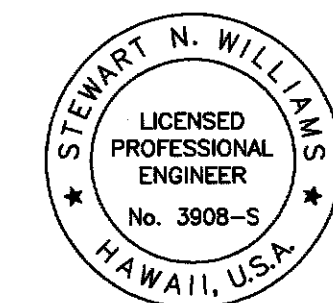
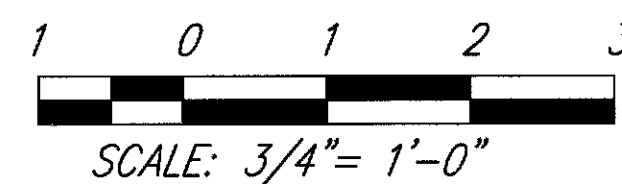
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C.O.17S-2	78



ORIGINAL PLAN	DATE
NO. 1	9/10/03
DESIGNED BY	9/10/03
CHECKED BY	9/10/03

SECTION
Sc: 3/4" = 1'-0"

GRAPHIC SCALE:

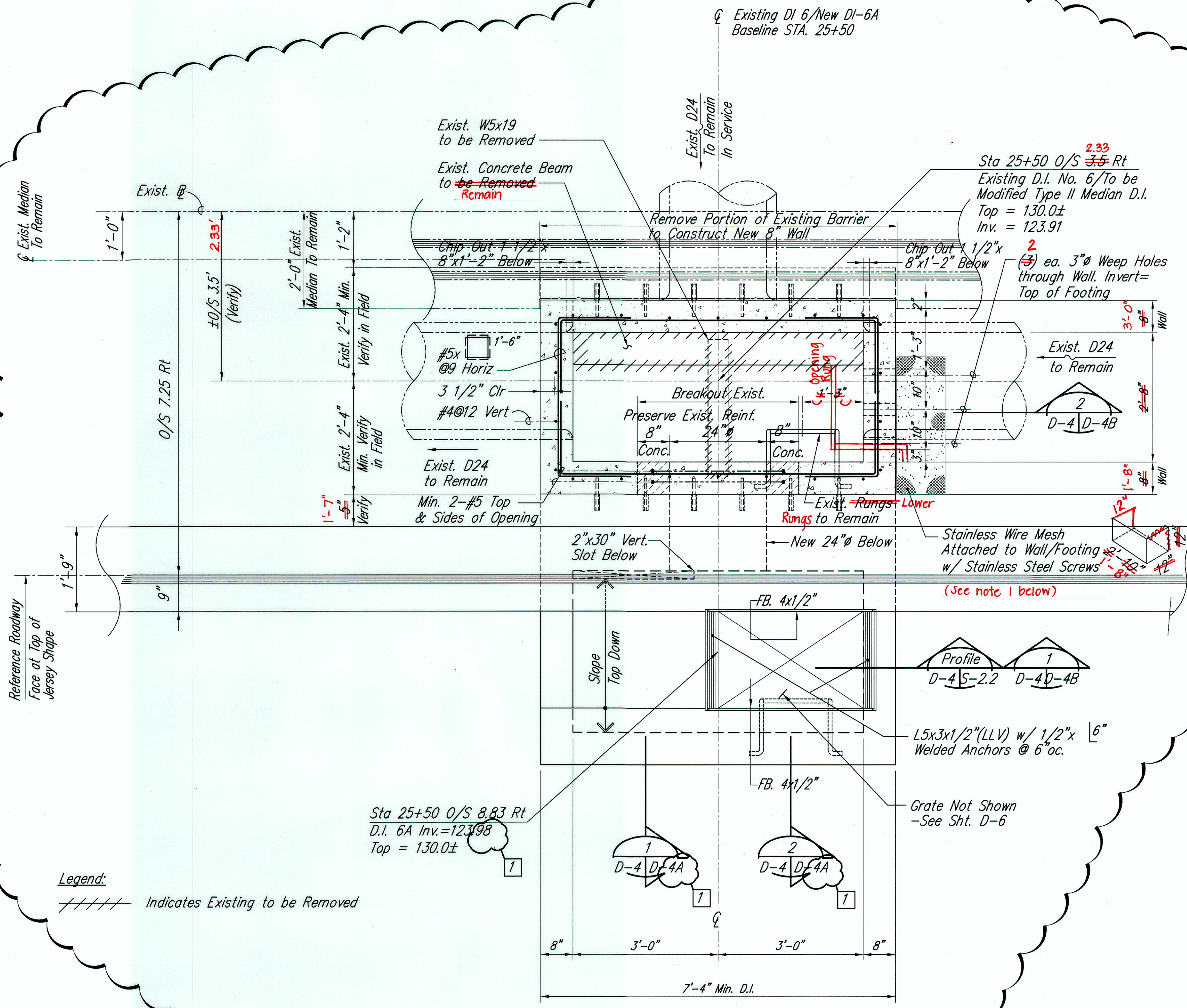


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April 30, 2006
Expiration Date of the License

12/17/04	1 Deleted New DMH-6A
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DRAINAGE DETAILS DRAIN MANHOLE 6	
KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49)	
Scale: As Noted	Date: Dec. 17, 2004
SHEET No. D-3B OF 6 SHEETS	

C.O.17S-2

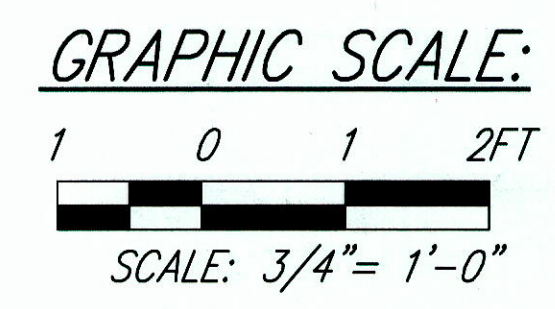
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	CO 18	78



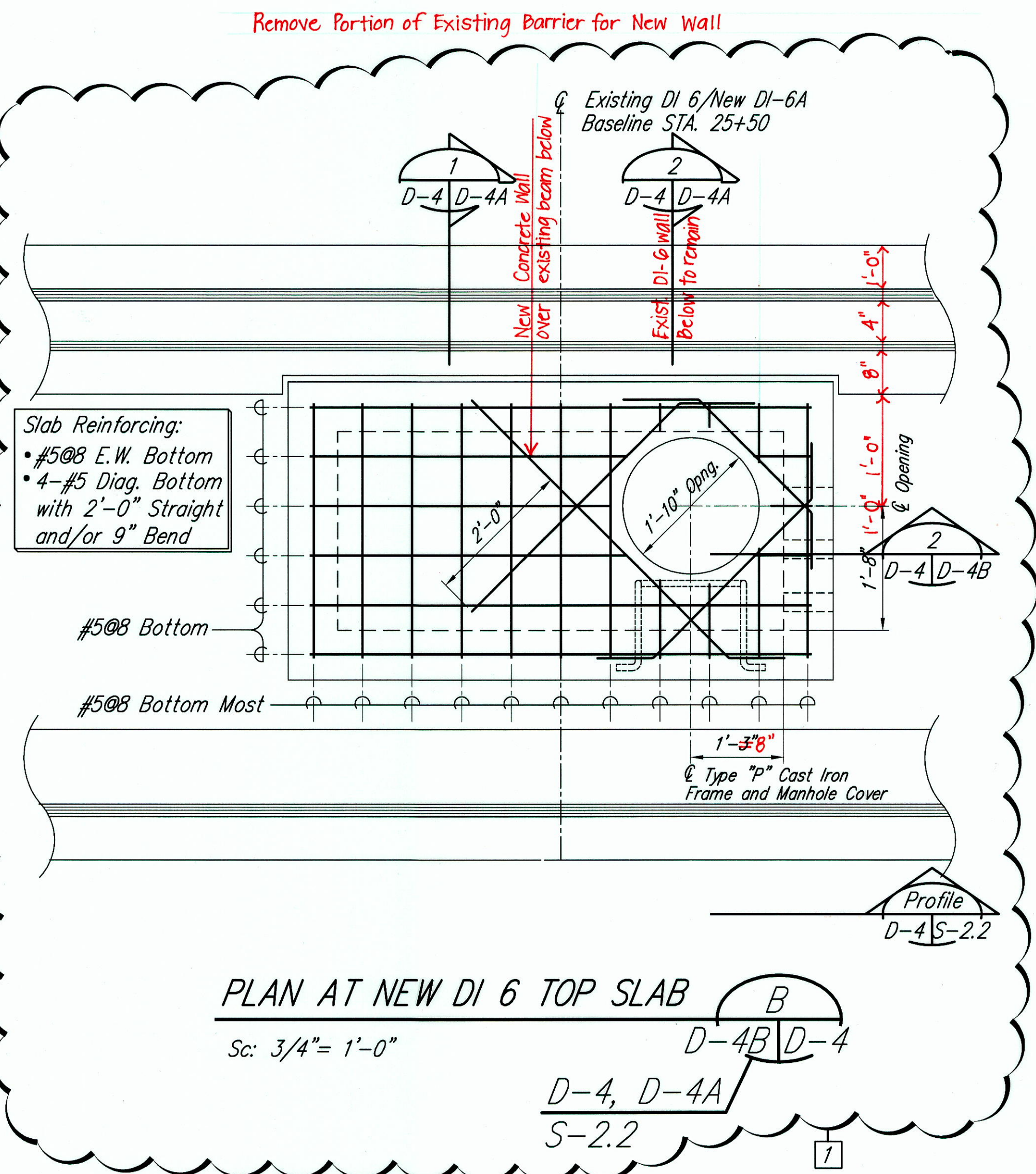
Legend:
 // Indicates Existing to be Removed

PLAN AT DI 6 (Existing)
 DI 6A (New) Sc: 3/4" = 1'-0" D-4B D-4
 D-4, D-4A
 S-2.2

- Notes:
- Stainless Wire Mesh:
 - Provide 1/4" mesh welded stainless steel mesh 0.032" min. wire diameter. Refer to ASTM A-740 and ASTM E-2016.
 - Provide 1/4" x 1 1/4" min. stainless steel concrete screws with 1" min. / 1 1/2" max. embedment.



"AS-BUILT"



PLAN AT NEW DI 6 TOP SLAB
 Sc: 3/4" = 1'-0" D-4B D-4
 D-4, D-4A
 S-2.2

STEWART N. WILLIAMS
 LICENSED PROFESSIONAL ENGINEER
 No. 3908-S
 HAWAII, U.S.A.

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 April 30, 2006
 Expiration Date of the License

12/17/04	Deleted DL-1 and DL-2
DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRAINAGE DETAILS
DROP INLETS 6, 6A

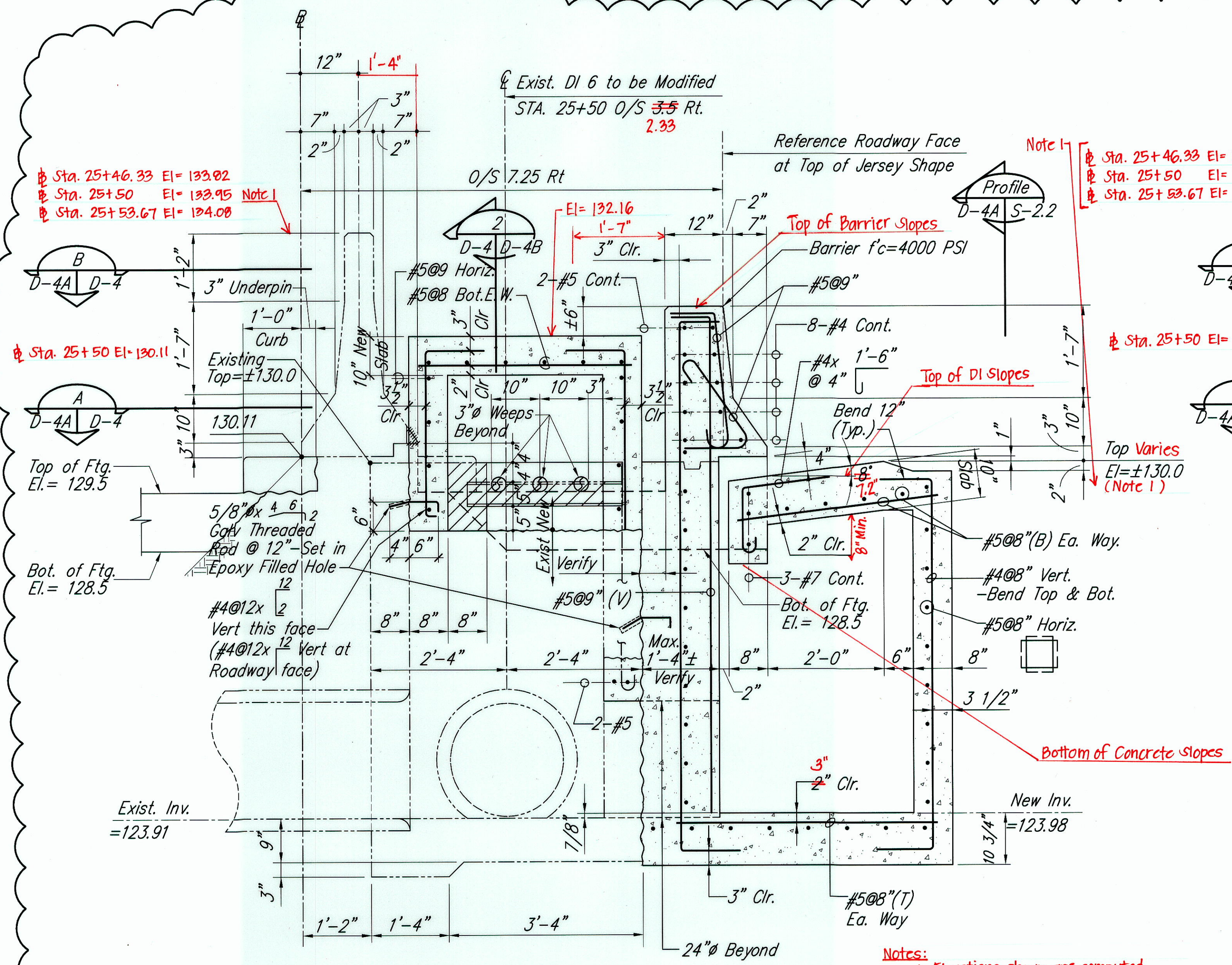
KAHEKILI HIGHWAY LANDSCAPING
 Kulukeoe Street to Vicinity of Haiku Road
 F.A. Project No. NH-083-1(49)

Scale: As Noted Date: Aug 2002

SHEET No. D-4 OF 6 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	9/10/02
DESIGNED BY	9/10/02
QUANTITIES BY	9/10/02
CHECKED BY	9/10/02

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C.O.18S-1	78

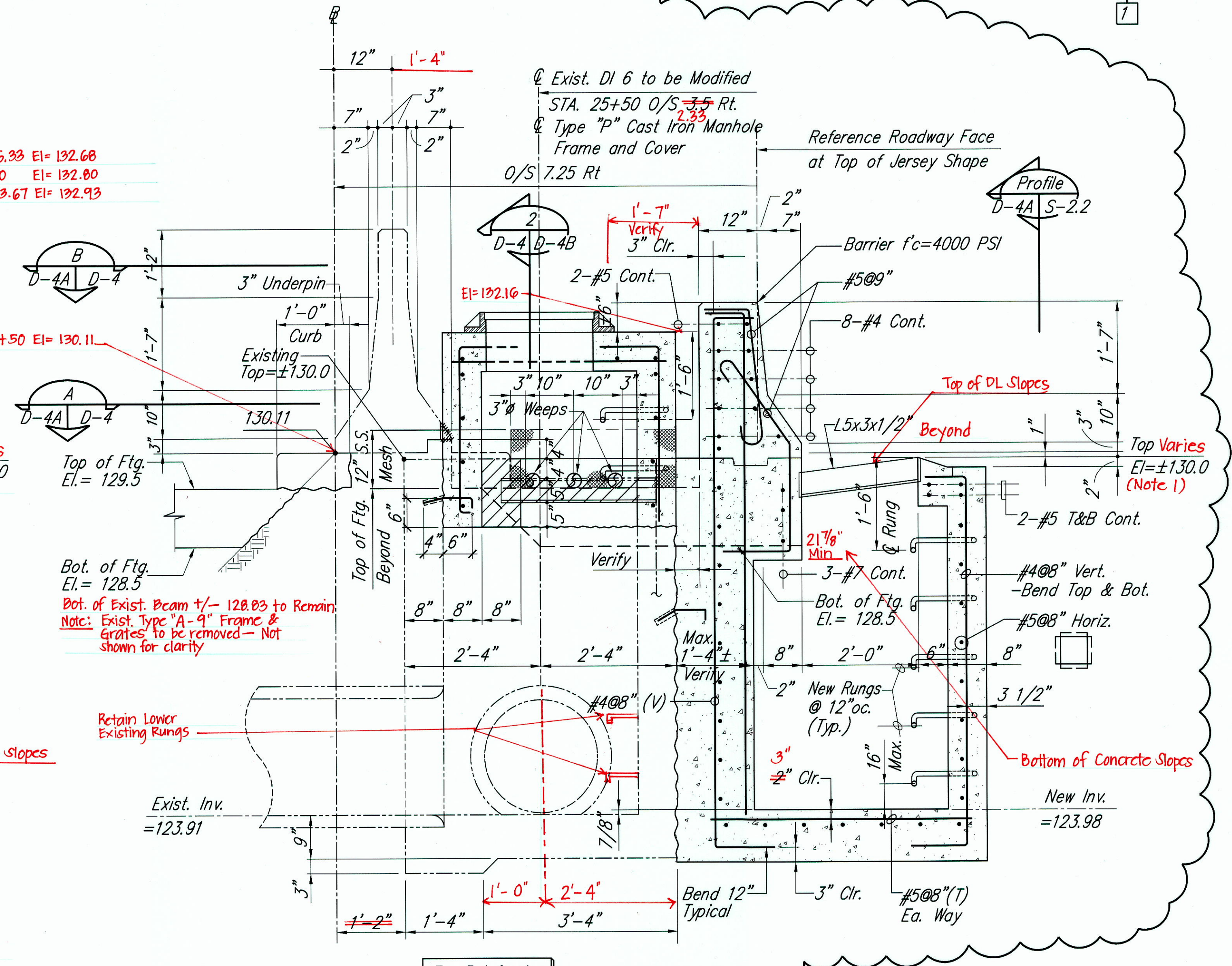


SECTION 1
D-4B D-4A
D-4, D-4A
S-2.2

DROP INLET 6A

Scale: 3/4" = 1'-0"

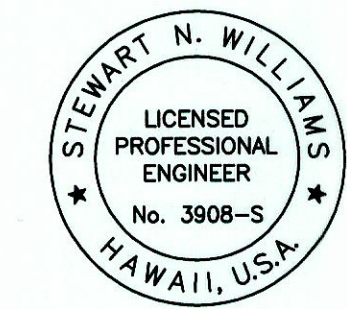
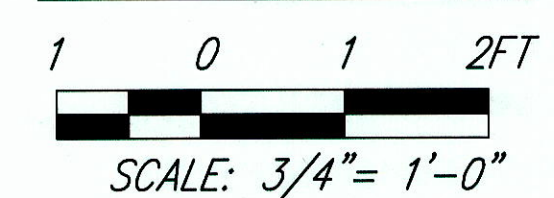
Notes:
1. Elevations shown are computed based upon existing drawings for Federal Aid Project NH-083-1(26) dated April 1994, Drawings C3 & C8.



SECTION 2
D-4B D-4A
D-4, D-4A
S-2.2

For Reinforcing Details-See
SECTION 1
D-4A D-4A

GRAPHIC SCALE:



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April 30, 2006
Expiration Date of the License

DATE	12/17/04	REVISION	Deleted DL-1 and DL-2
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DRAINAGE DETAILS DROP INLETS 6A KAHEKILI HIGHWAY LANDSCAPING Kuluokee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49) Scale: As Noted Date: Dec. 17, 2004 SHEET No. D-4A OF 6 SHEETS			

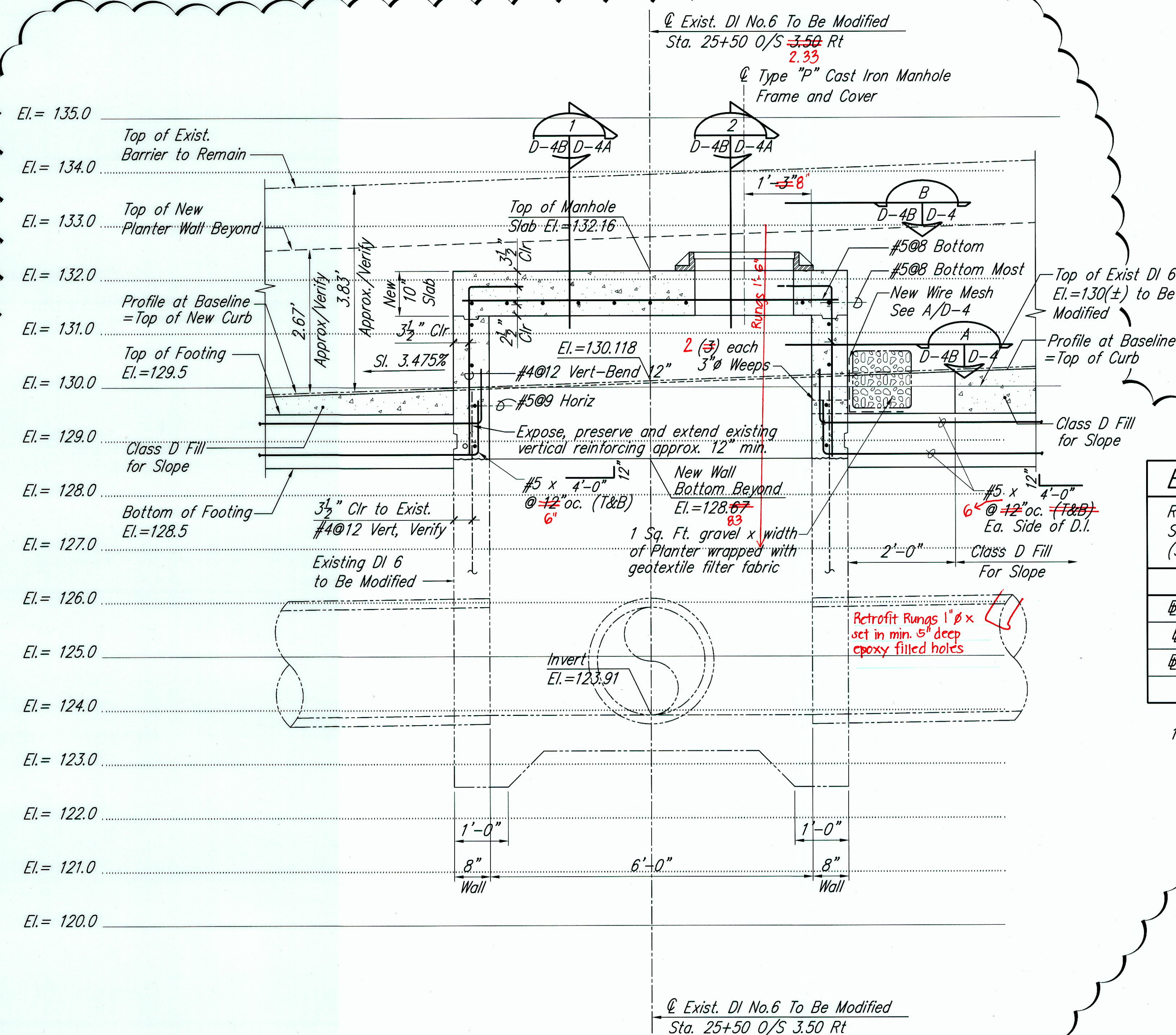
SURVEY PLOTTED BY	DATE
DESIGNED BY	6/10/02
QUANTITIES BY	6/10/02
CHECKED BY	6/10/02

"AS-BUILT"

C.O.18S-1

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C0.18S-2	78

7



EXISTING BASELINE PROFILE DATA

Ref: FAP NH-083-1(26)
Sheet 663 of C19 April 1994
(Sheet 23 of 238)

Station	@ Elevation
@ 25 + 46.33	Elevation = 129.99
@ 25 + 50	Elevation = 130.118
@ 25 + 53.67	Elevation = 130.245

1. $El. = 128.38 + 0.03475 (\text{Station} - 2500)$

SURVEY PLOTTED BY	DATE
DRAWN BY	8/10/02
TRACED BY	S. Williams
NOTED BY	8/10/02
QUANTITIES BY	S. Williams
CHECKED BY	K. Kalani
No.	8/10/02

NOT USED

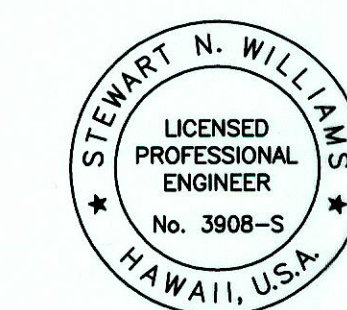
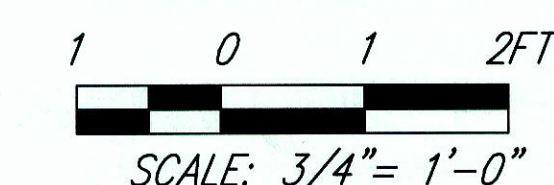
1
D-4B D-4B

SECTION

Sc: 3/4" = 1'-0"

2
D-4, D-4A D-4B

GRAPHIC SCALE:



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Stewart N. Williams
Mitsunaga & Associates, Inc.
April 30, 2006
Expiration Date of the License

DATE	REVISION
12/17/04	7 Deleted DL-1 and DL-2

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS
DROP INLET 6, 6A

KAHEKILI HIGHWAY LANDSCAPING
Kulukeoe Street to Vicinity of Haiku Road
F.A. Project No. NH-083-1(49)

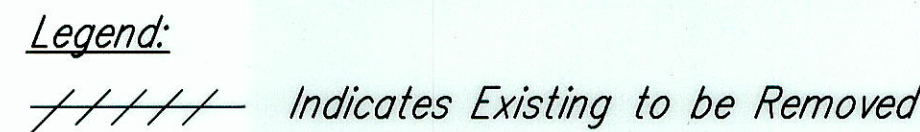
Scale: As Noted Date: Dec. 17, 2004

SHEET No. D-4B OF 6 SHEETS

"AS-BUILT"

7 C.O.18S-2

7

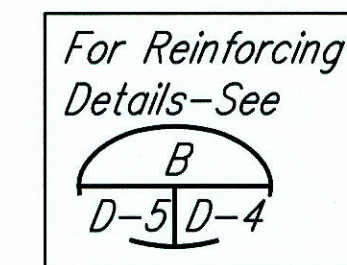


PLAN AT DI 7 (Existing) and

DI 7A (New) Sc: 3/4"= 1'-0" D-5B D-5

(8,8A Sim.) D-4, D-5, D-5A

S-2.2



PLAN AT NEW DI 7 TOP SLAB

Sc: 3/4" = 1'-0"

D-4, D-5, D-5A

S-2, 2

B

D-5B D-5

Note: Eliminate Control Joints Within Drainage Structure. Add control joints on outside edge of drainage structure.

DATE: _____ REVISION: _____

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRAINAGE DETAILS

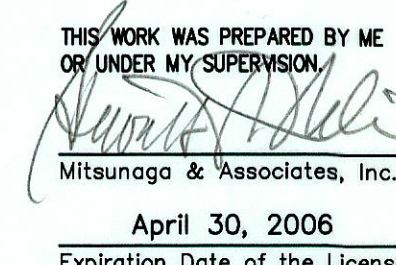
DROP INLETS (7, 7A, (8, 8A Sim.)

1 1

KAHEKILI HIGHWAY LANDSCAPING
Kulukee Street to Vicinity of Haiku Road
F.A. Project No. NH-083-1(49)

Scale: As Noted Date: Aug 2002

SHEET No. D-5 OF 6 SHEETS



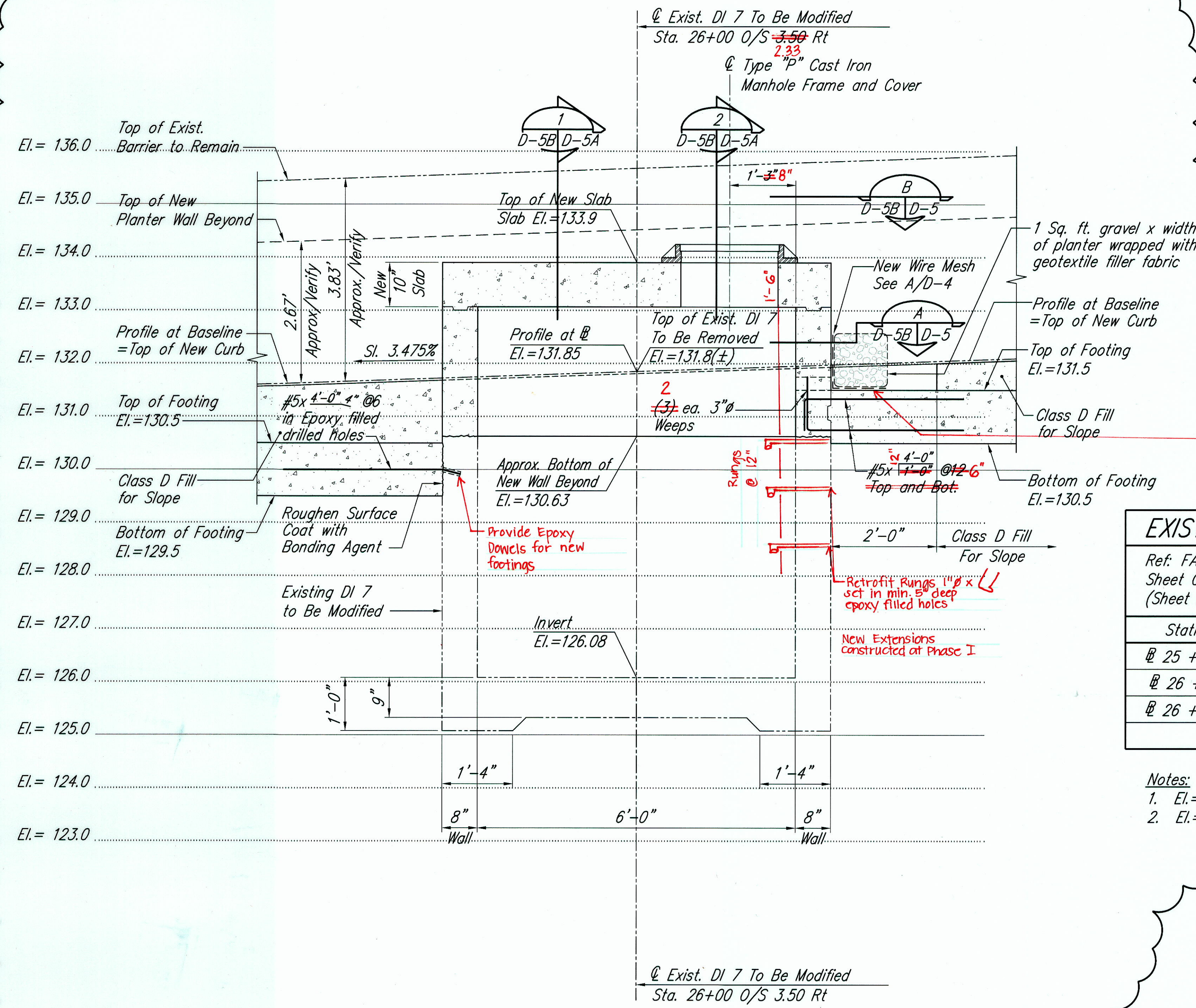
"AS-BUILT"

1- C.O. 19

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____
	TRACED BY _____
	DESIGNED BY _____ S. Williams
	QUANTITIES BY _____ S. Williams
No. _____	CHECKED BY _____ K. Kalani
	8/10/02

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C0.19S-2	78

7

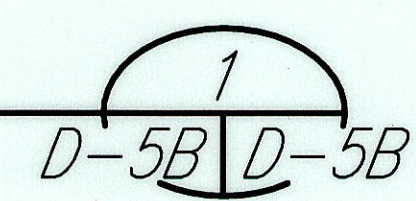


EXISTING BASELINE PROFILE DATA	
Ref: FAP NH-083-1(26) Sheet C3 of C19 April 1994 (Sheet 23 of 238)	
Station	Elevation
25 + 96.33	Elevation = 131.73 Note 1
26 + 00	Elevation = 131.85 Note 1
26 + 03.67	Elevation = 131.98 Note 2

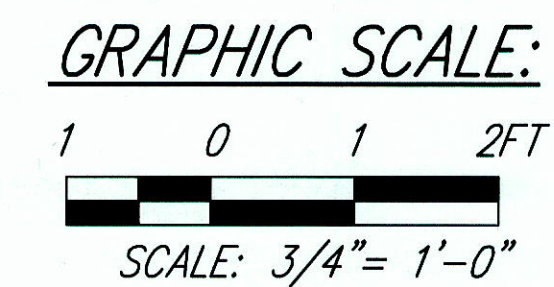
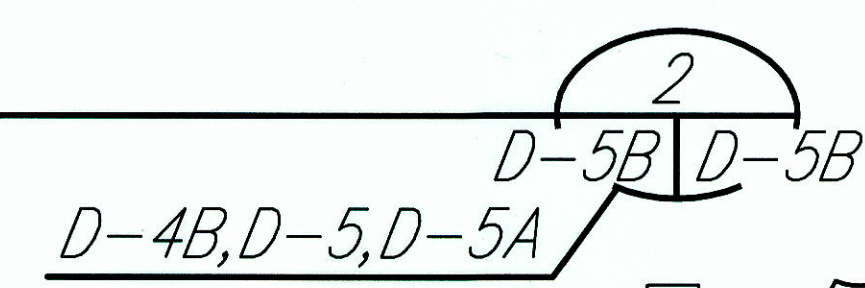
- Notes:
- El. = 128.38 + .03475 (Station - 2500)
 - El. = 131.85 + .03475 (Station - 2600) - (Station - 2600)² (.000031)

SURVEY PLOTTED BY	DATE
DRAWN BY	8/10/02
DESIGNED BY	8/10/02
QUANTITIES BY	8/10/02
CHECKED BY	8/10/02

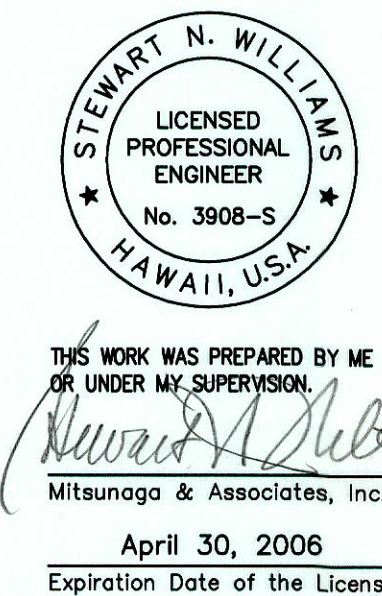
NOT USED



SECTION
Sc: 3/4" = 1'-0"



"AS-BUILT"



DATE	12/17/04	REVISION	7 Deleted DL-1 and DL-2
------	----------	----------	-------------------------

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS
DROP INLETS (7, 7A (B), 8A Sim.)

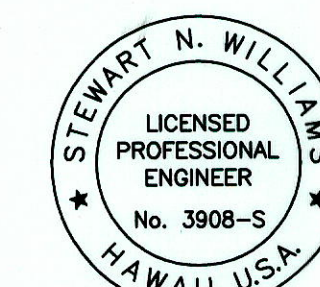
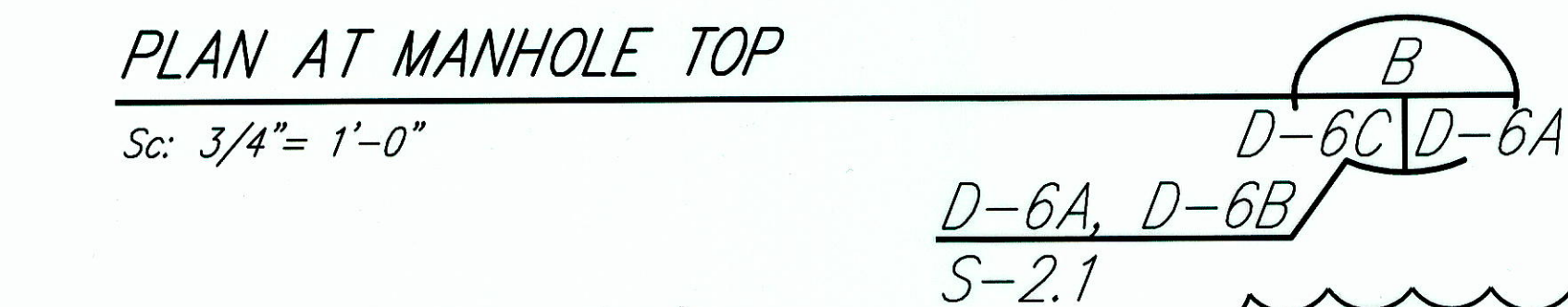
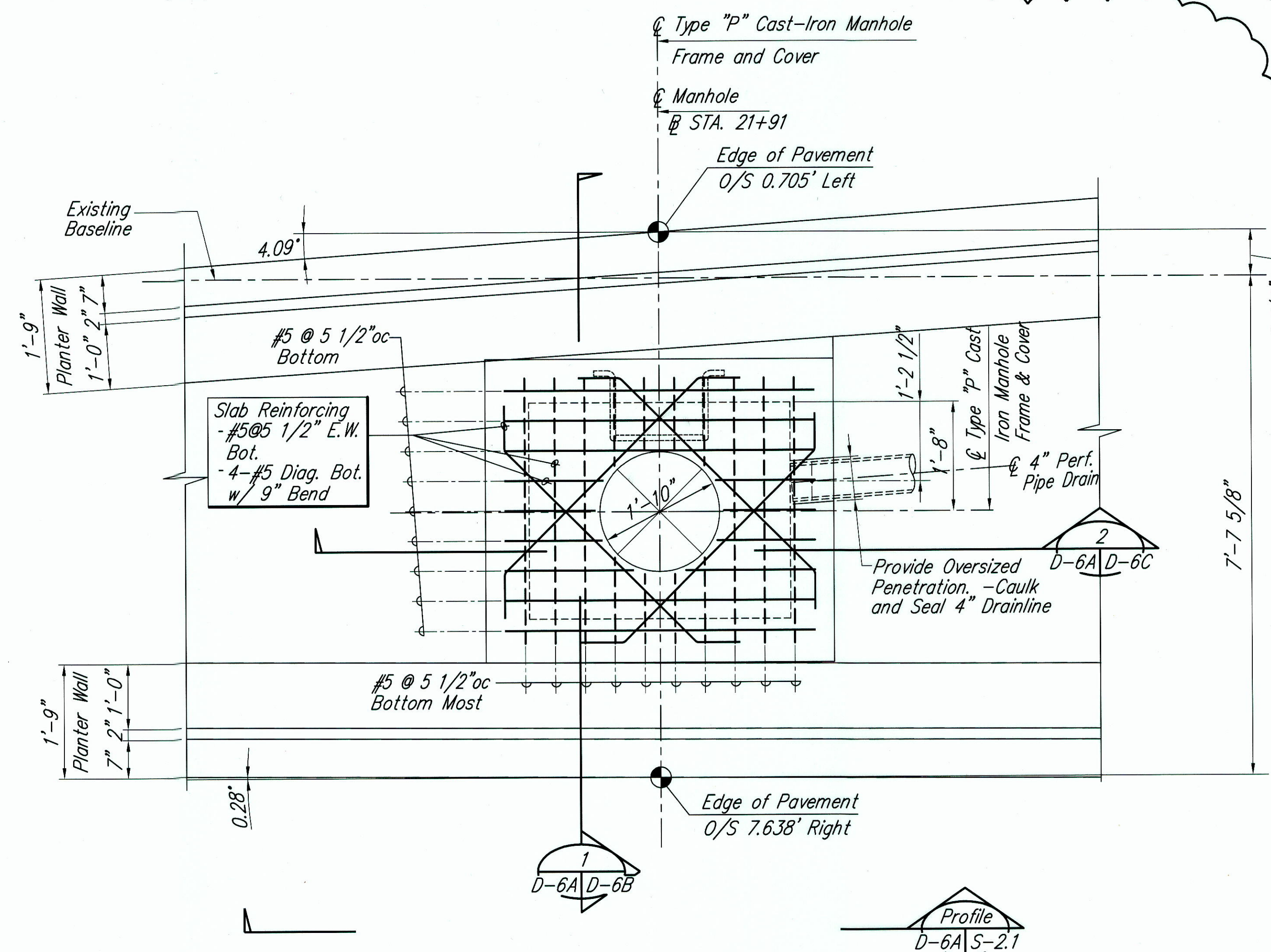
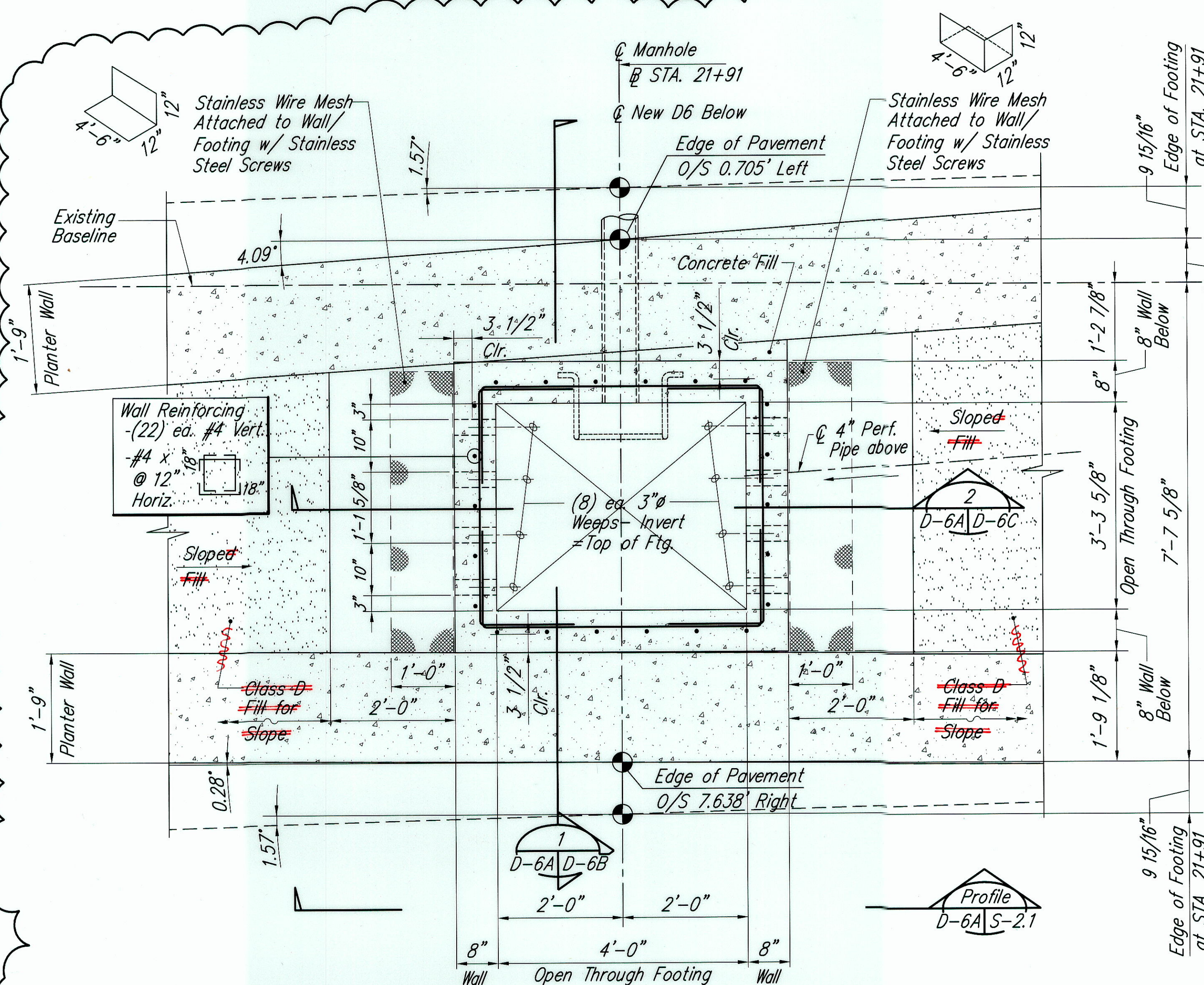
KAHEKILI HIGHWAY LANDSCAPING
Kulukeoe Street to Vicinity of Haiku Road
F.A. Project No. NH-083-1(49)

Scale: As Noted Date: Dec. 17, 2004

SHEET No. D-5B OF 6 SHEETS

C.O.19S-2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C.O.20S-1	78



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OR UNDER MY SUPERVISION.
Mitsunaga & Associates, Inc.
April 30, 2006
Expiration Date of the License

12/17/04	1	Added New Drawing Re: New Manhole
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
DRAINAGE DETAILS MANHOLE at STA. 21+91		
KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49)		
Scale: As Noted	Date: Dec. 17, 2004	
SHEET No. D-6A OF 6 SHEETS		

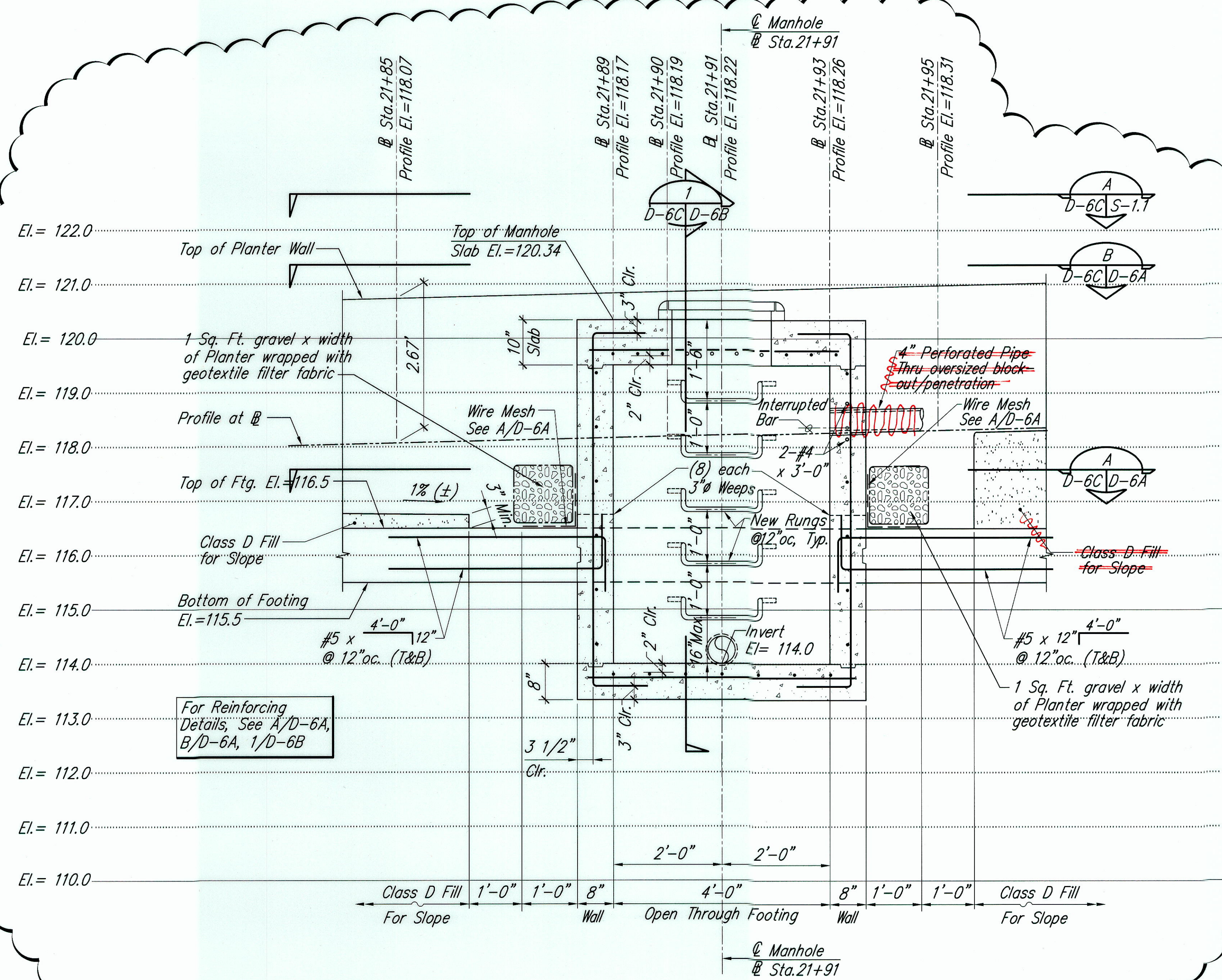
"AS-BUILT"

C.O.20S-1

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	8/10/02
DRAWN BY	S. Williams
TRACED BY	S. Williams
NOTE BOOK	8/10/02
QUANTITIES BY	K. Kani
CHECKED BY	8/10/02
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C0.20S-3	78

7



EXISTING BASELINE PROFILE DATA

Ref: FAP NH-083-1(26)
Sheet C2 of C19 April 1994
(Sheet 22 of 238)

Station	Elevation
21 + 85	Elevation = 118.07
21 + 89	Elevation = 118.17
21 + 90	Elevation = 118.19
21 + 91	Elevation = 118.22
21 + 93	Elevation = 118.26
21 + 95	Elevation = 118.31

Notes to Existing Baseline
1. Profile El = 111.0 + (Station-2000) $\frac{10.43}{300}$ + $\frac{(2300-Station)^2}{300}$ 4.3575
Where Station = 2300 to 23+00.

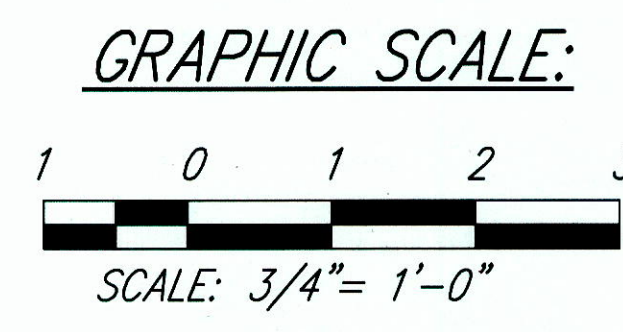
SECTION

Scale: 3/4"=1'-0"

Note: Not Used
D-6C D-6C

D-6C D-6C
S-1.1

ORIGINAL PLAN	DATE
DRAWN BY	8/10/02
TRACED BY	8/10/02
QUANTITIES BY	8/10/02
CHECKED BY	8/10/02

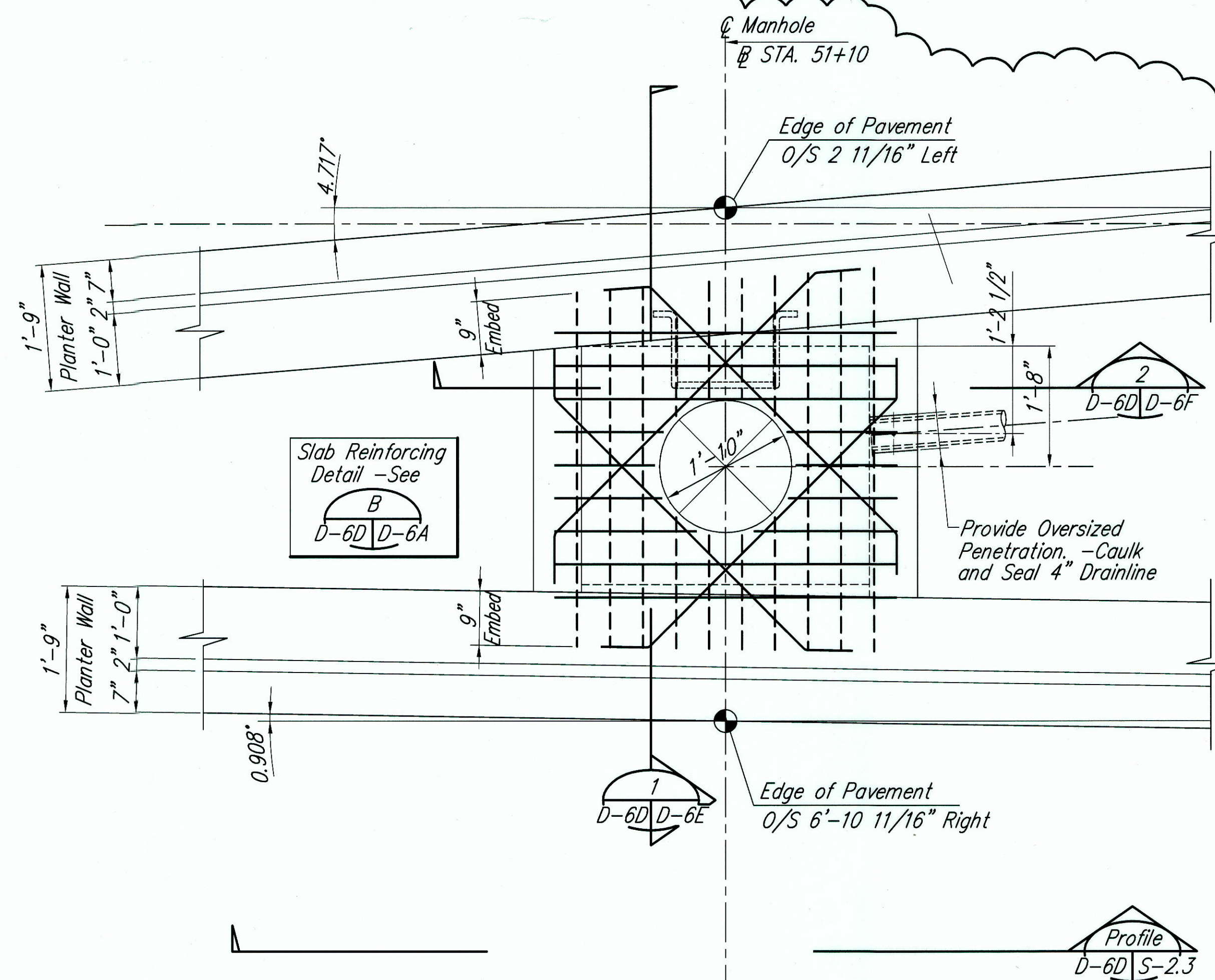


STEWART N. WILLIAMS
LICENSED PROFESSIONAL ENGINEER
No. 3908-S
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Mitsunaga & Associates, Inc.
April 30, 2006
Expiration Date of the License

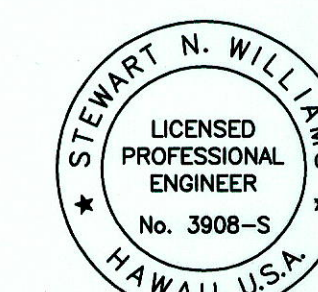
12/17/04	Added New Drawings Re: New Manhole
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION DRAINAGE DETAILS MANHOLE AT STA. 21+91 KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49) Scale: As Noted Date: Dec. 17, 2004 SHEET No. D-6C OF 6 SHEETS	

"AS-BUILT"

C.O.20S-3

1

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____ " _____
No. _____	TRACED BY _____ S. Williams 8/10/02
	DESIGNED BY _____ S. Williams 8/10/02
	QUANTITIES BY _____ K. Kalani 8/10/02
	CHECKED BY _____



12/17/04	1	Added New Drawing Re: New Manhole
DATE	REVISION	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

DRAINAGE DETAILS
MANHOLE at STA. 51+10

KAHEKILI HIGHWAY LANDSCAPING
Kuluokee Street to Vicinity of Haiku Road
F.A. Project No. NH-083-1(49)

Scale: As Noted

Date: Dec. 17, 2004

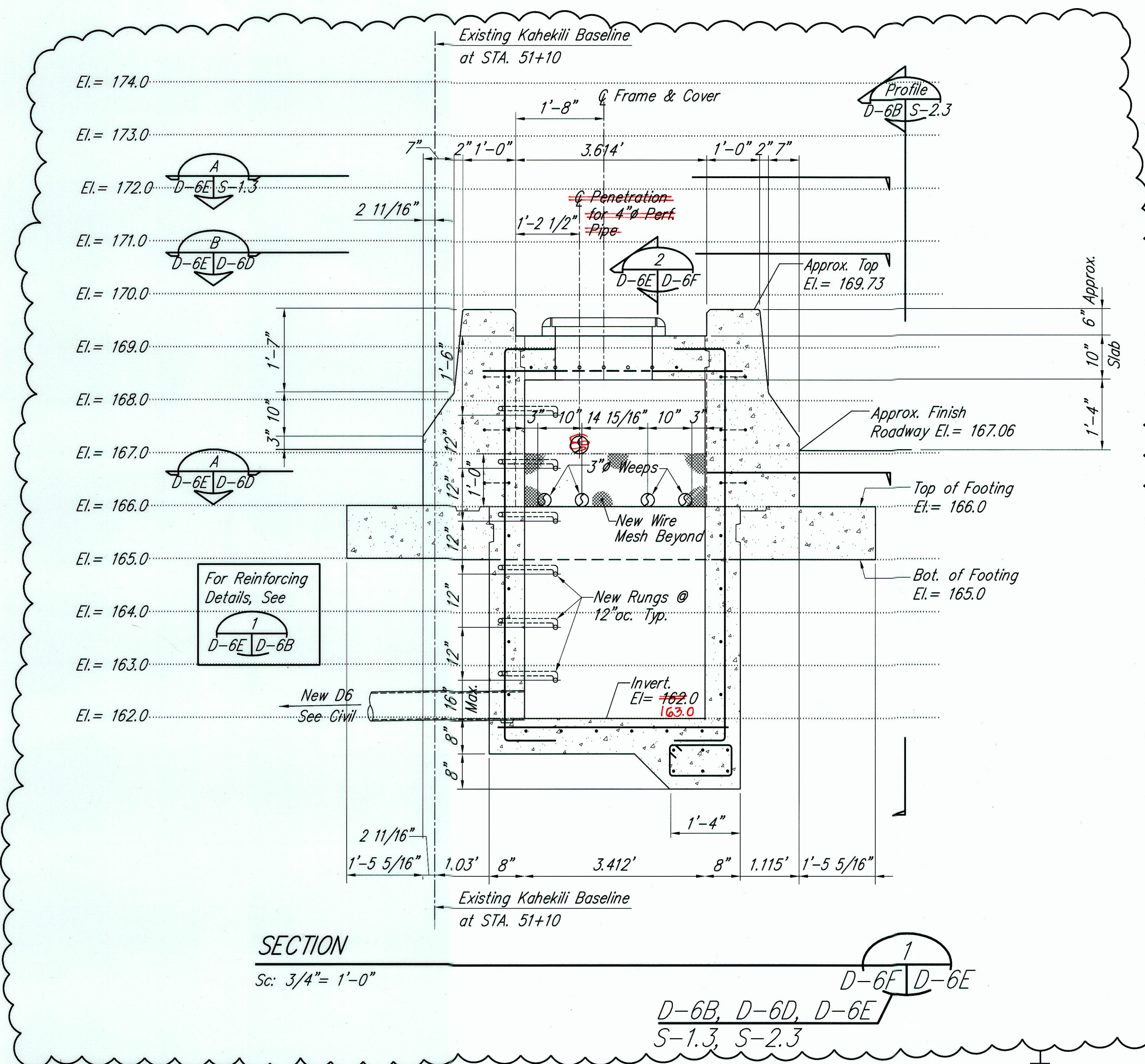
SHEET No. D-6D OF 6 SHEETS

1-(C.O.20S-4)

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C.O.20S-5	78

7

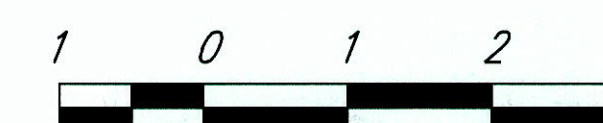


SECTION

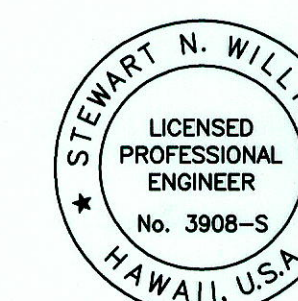
Sc: 3/4" = 1'-0"

D-6B, D-6D, D-6E
S-1.3, S-2.3

GRAPHIC SCALE:



SCALE: 3/4" = 1'-0"



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
Mitsunaga & Associates, Inc.
April 30, 2006
Expiration Date of the License

12/17/04	1	Added New Drawings Re: New Manhole
DATE	REVISION	
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION		
DRAINAGE DETAILS MANHOLE AT STA. 51+10		
KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49)		
Scale: As Noted		Date: Dec. 17, 2004

SHEET No. D-6E OF 6 SHEETS

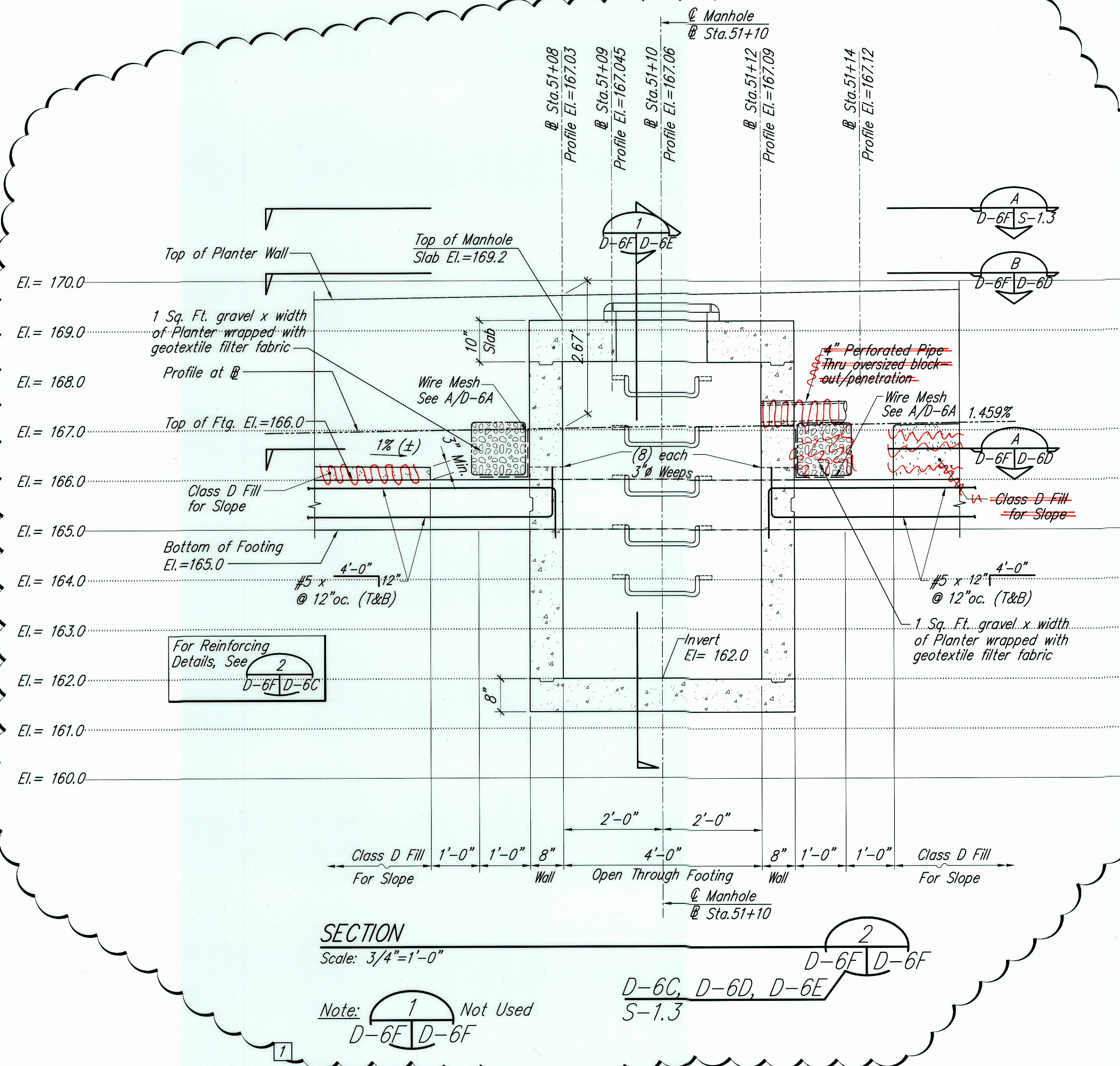
C.O.20S-5

"AS-BUILT"

SURVEY PLANNED BY	DATE
DRAWN BY	
TRACED BY	8/10/02
CHECKED BY	8/10/02
NOTED BY	8/10/02
QUANTITIES BY	8/10/02
CHECKED BY	8/10/02
ORIGINAL PLAN	No.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-083-1(49)	2003	C0.20S-6	78

1



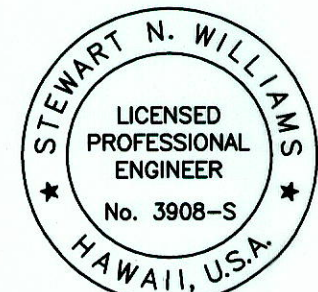
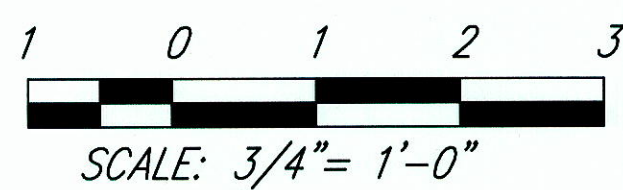
EXISTING BASELINE PROFILE DATA

Ref: FAP NH-083-1(26)
Sheet C5 of C19 April 1994
(Sheet 25 of 238)

Station	Elevation
51 + 08	Elevation = 167.03
51 + 09	Elevation = 167.045
51 + 10	Elevation = 167.06
51 + 12	Elevation = 167.09
51 + 14	Elevation = 167.12

SURVEY PLOTTED BY	DATE
DRAWN BY	8/10/02
CHECKED BY	8/10/02
NOTED BY	8/10/02
NO.	

GRAPHIC SCALE:



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Mitsunaga & Associates, Inc.
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12/17/04	1 Added New Drawings Re: New Manhole
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
DRAINAGE DETAILS MANHOLE AT STA. 51+10	
KAHEKILI HIGHWAY LANDSCAPING Kulukee Street to Vicinity of Haiku Road F.A. Project No. NH-083-1(49)	
Scale: As Noted	Date: Dec. 17, 2004
SHEET No. D-6F OF 6 SHEETS	

"AS-BUILT"

1 C.O.20S-6