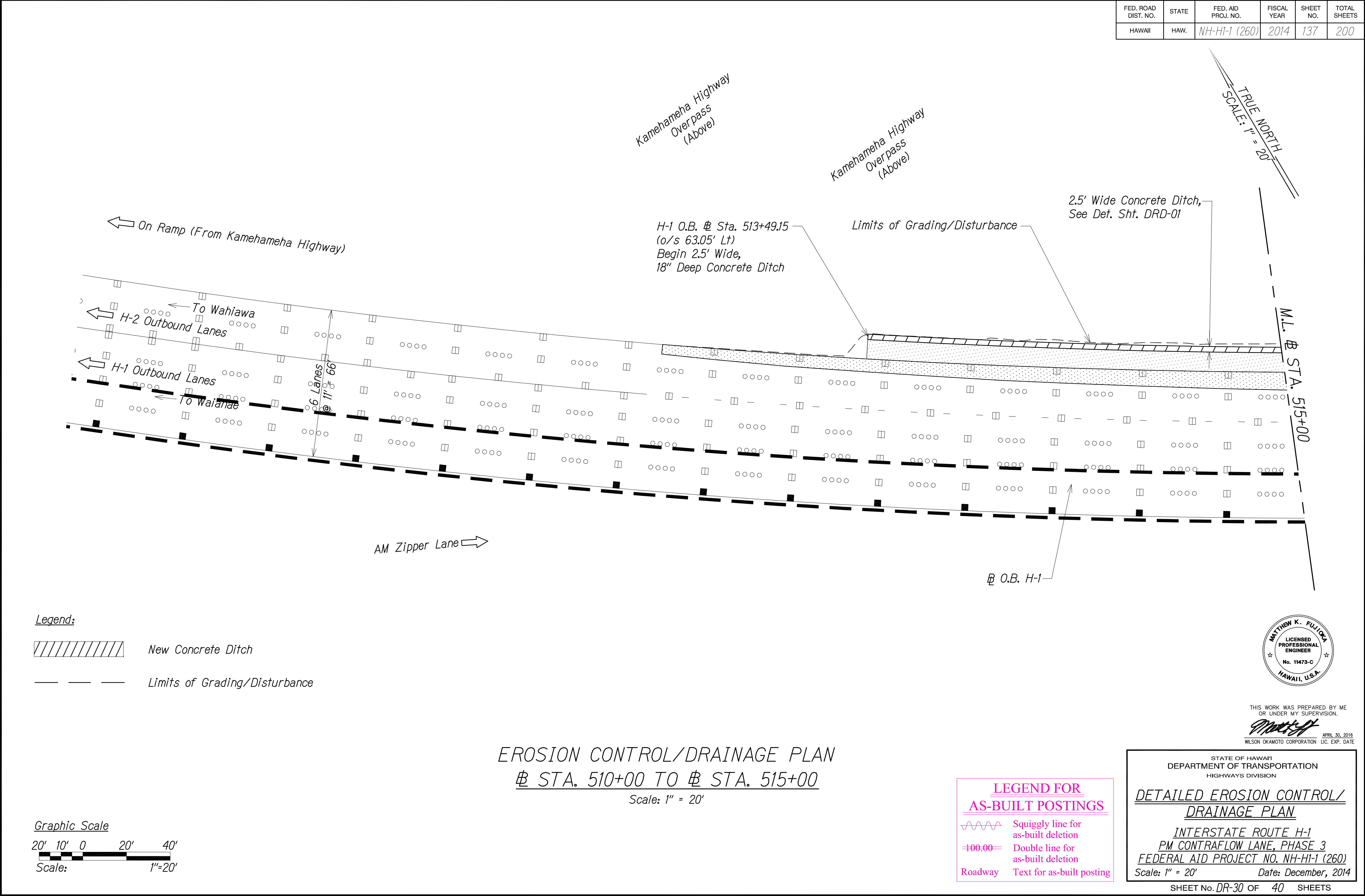


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	137	200

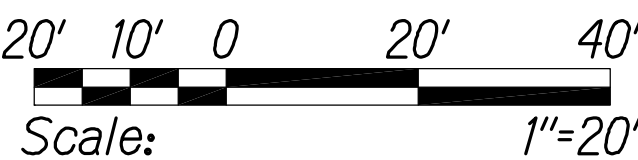


TRUE NORTH
SCALE: 1" = 20'

Legend:

- New Concrete Ditch
- Limits of Grading/Disturbance

Graphic Scale



EROSION CONTROL/DRAINAGE PLAN
@ STA. 510+00 TO @ STA. 515+00
Scale: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

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

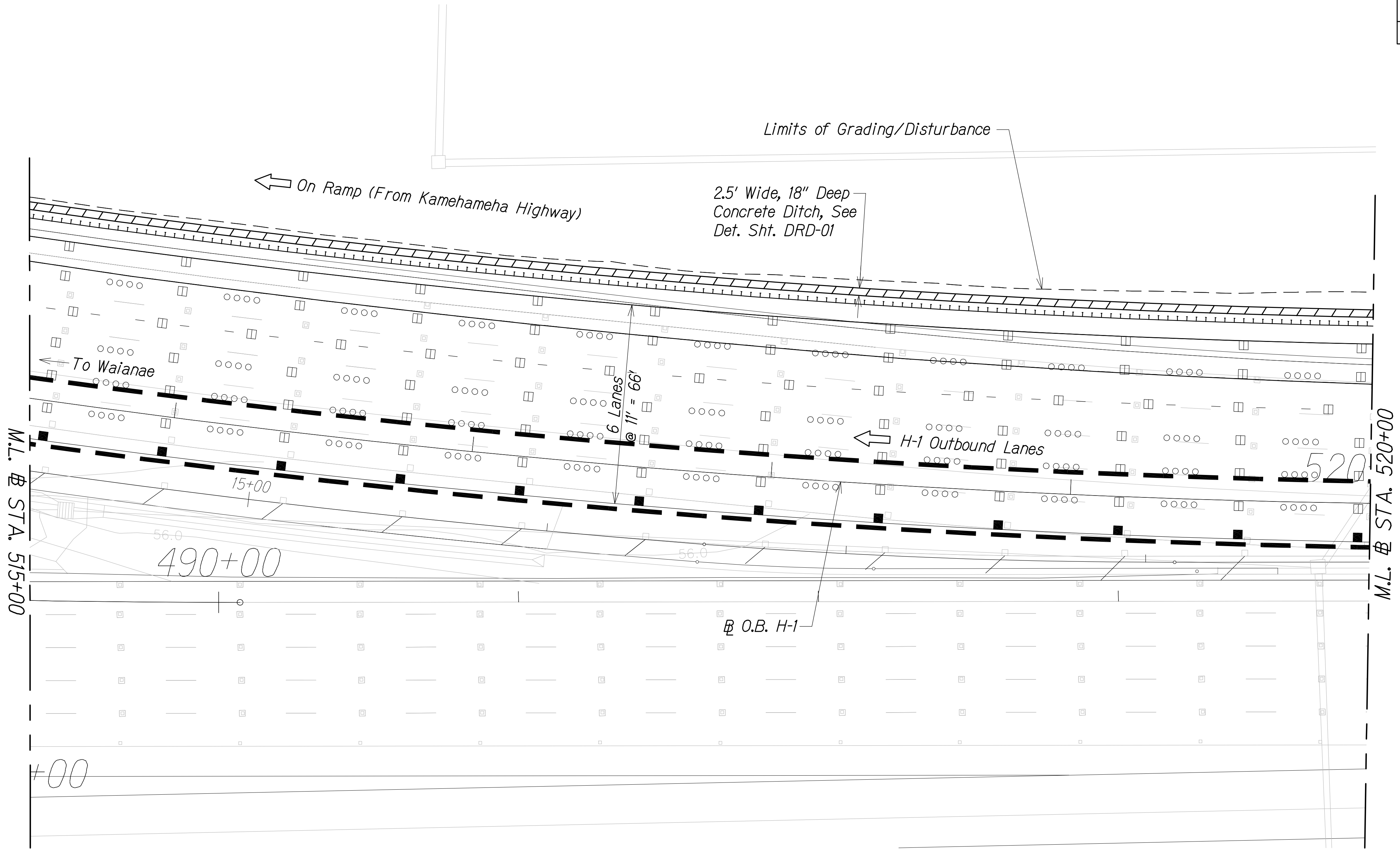
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DETAILED EROSION CONTROL/DRAINAGE PLAN
INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014
SHEET No. DR-30 OF 40 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	138	200

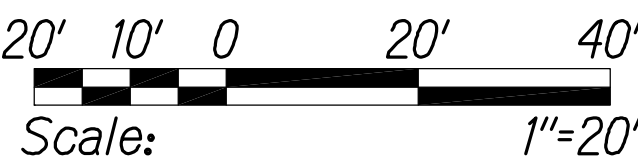
TRUE NORTH
SCALE: 1" = 20'



Legend:

- New Concrete Ditch
- Limits of Grading/Disturbance

Graphic Scale



EROSION CONTROL / DRAINAGE PLAN
STA. 515+00 TO # STA. 520+00
Scale: 1" = 20'

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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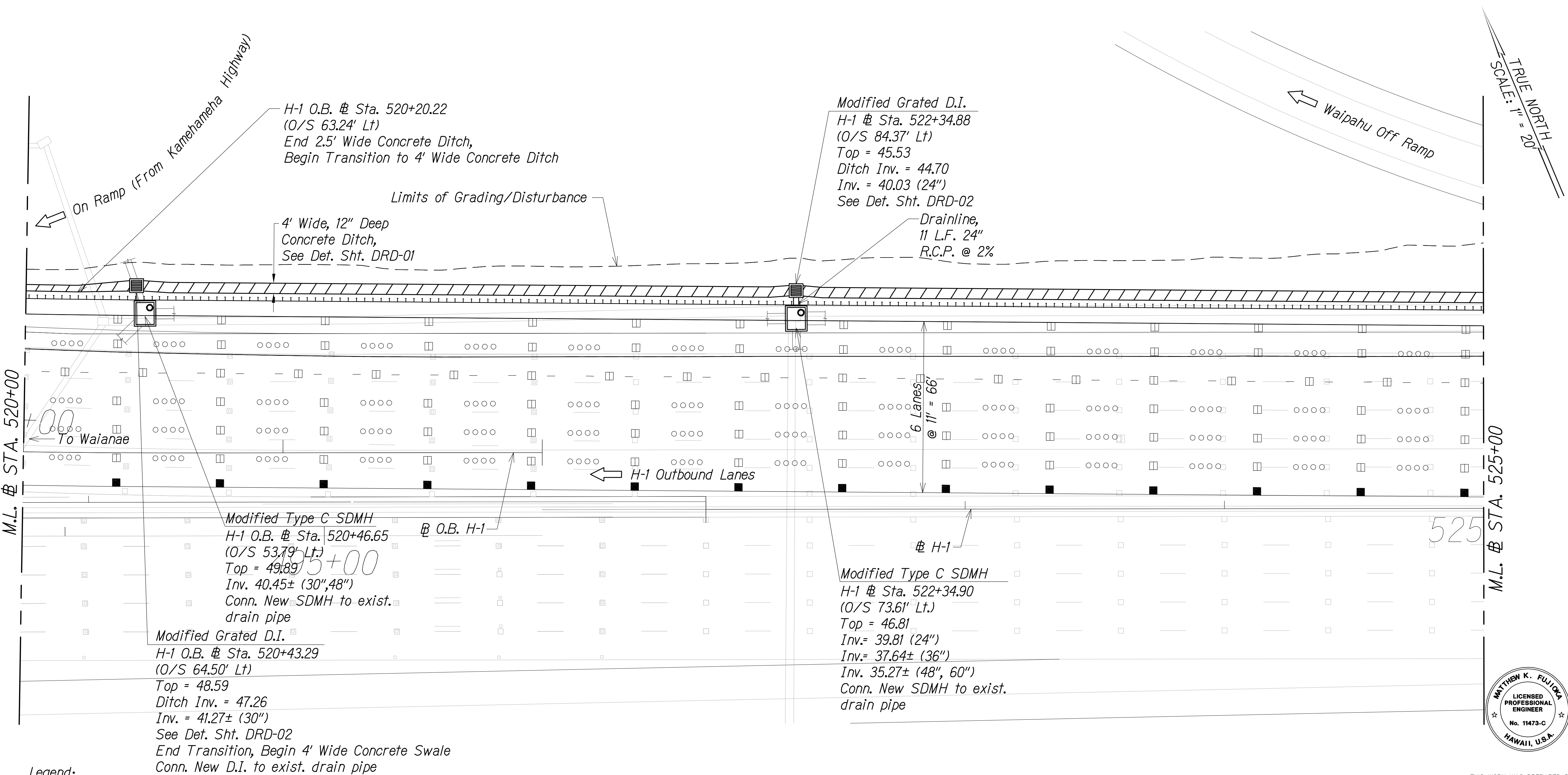
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DETAILED EROSION CONTROL /
DRAINAGE PLAN**

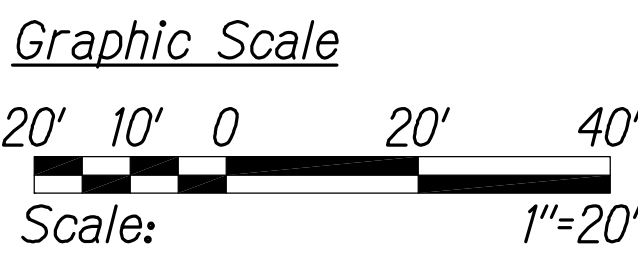
INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014

SHEET No. DR-31 OF 40 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	139	200



- Legend:
- New Concrete Ditch
 - Limits of Grading/Disturbance



EROSION CONTROL/DRAINAGE PLAN
STA. 520+00 TO # STA. 525+00
Scale: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

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

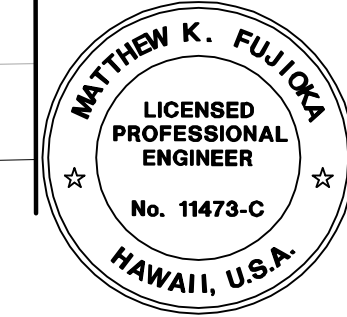
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED EROSION CONTROL/DRAINAGE PLAN

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)

Scale: 1" = 20' Date: December, 2014

SHEET No. DR-32 OF 40 SHEETS



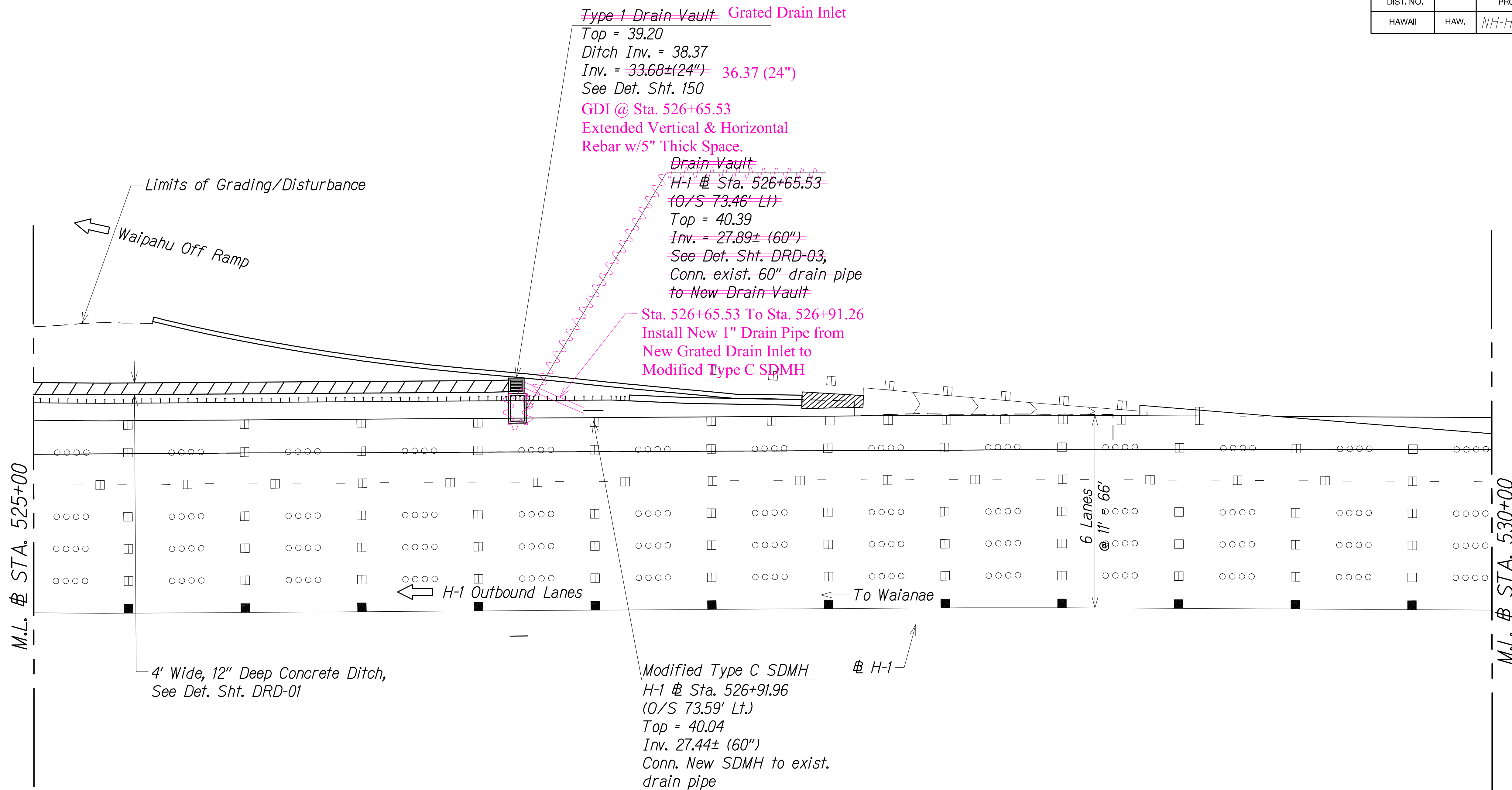
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Matthew K. Fujio
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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY			
BY			
BY			
BY			

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	140	200

TRUE NORTH
SCALE: 1" = 20'

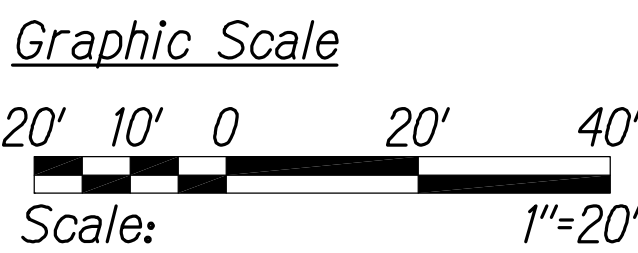


QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY		BY	
BY		BY	
BY		BY	

ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

New Concrete Ditch

Limits of Grading/Disturbance



EROSION CONTROL/DRAINAGE PLAN
STA. 525+00 TO # STA. 530+00
Scale: 1" = 20'

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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APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

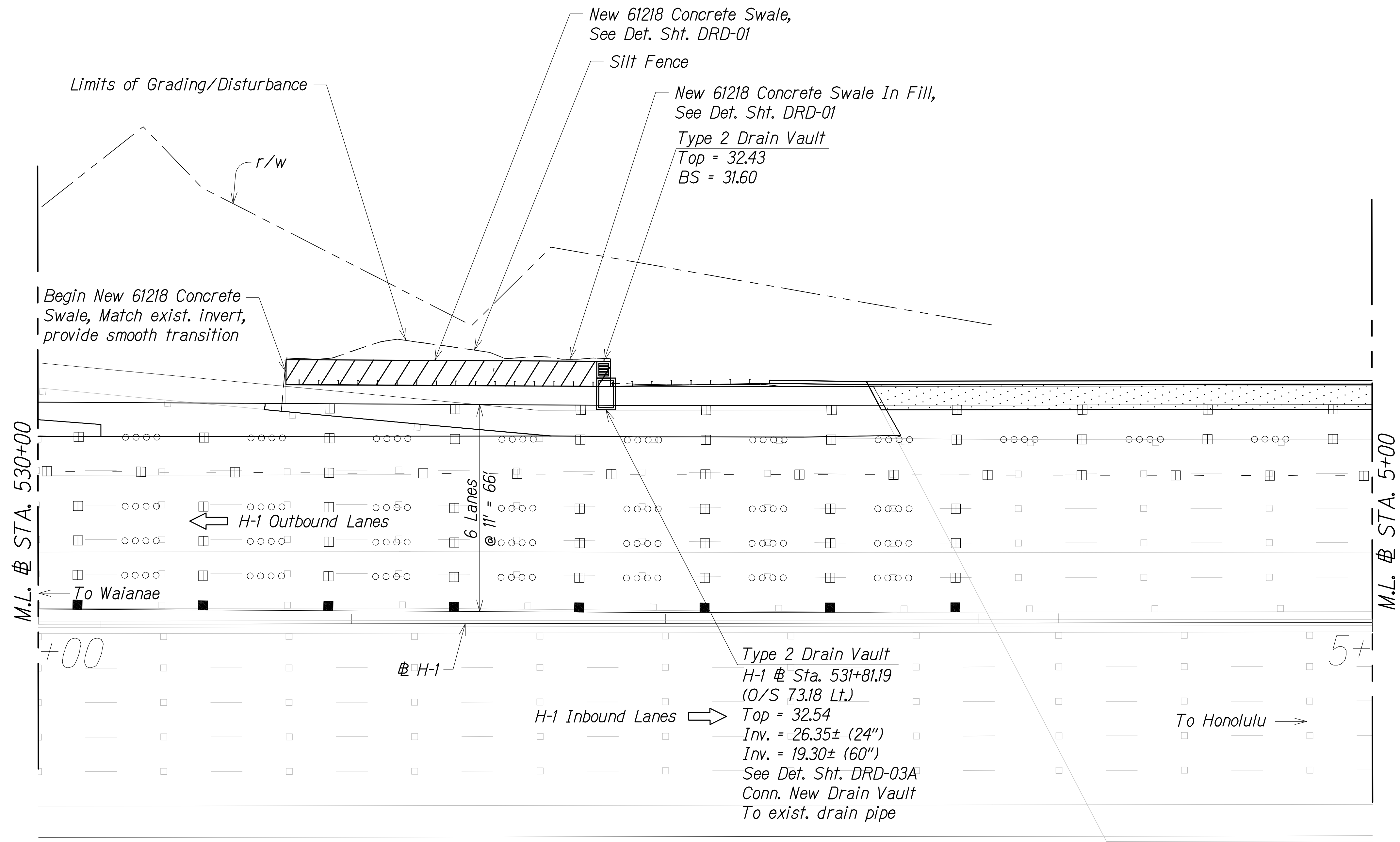
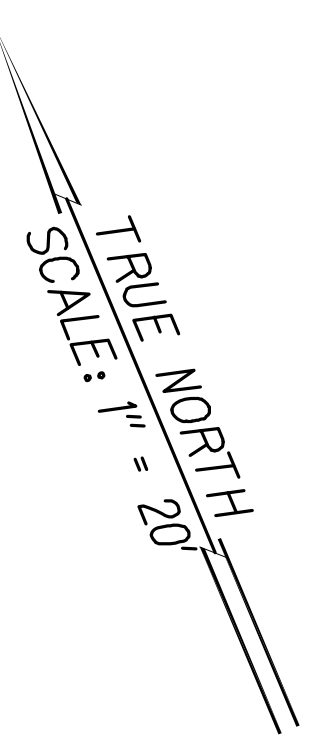
**DETAILED EROSION CONTROL/
DRAINAGE PLAN**

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)

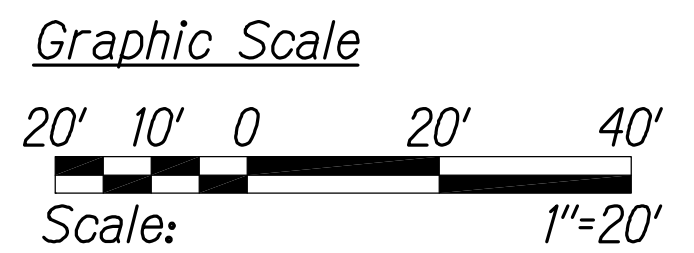
Scale: 1" = 20' Date: December, 2014

SHEET No. DR-33 OF 40 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	141	200



- Legend:
- New Concrete Ditch
 - Limits of Grading/Disturbance



EROSION CONTROL/DRAINAGE PLAN
STA. 530+00 TO # STA. 5+00
Scale: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

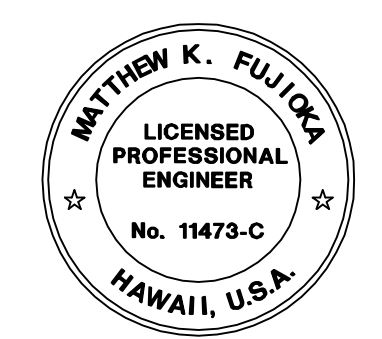
- Squiggly line for as-built deletion
- Double line for as-built deletion
- Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DETAILED EROSION CONTROL/
DRAINAGE PLAN**

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014

SHEET No. DR-34 OF 40 SHEETS

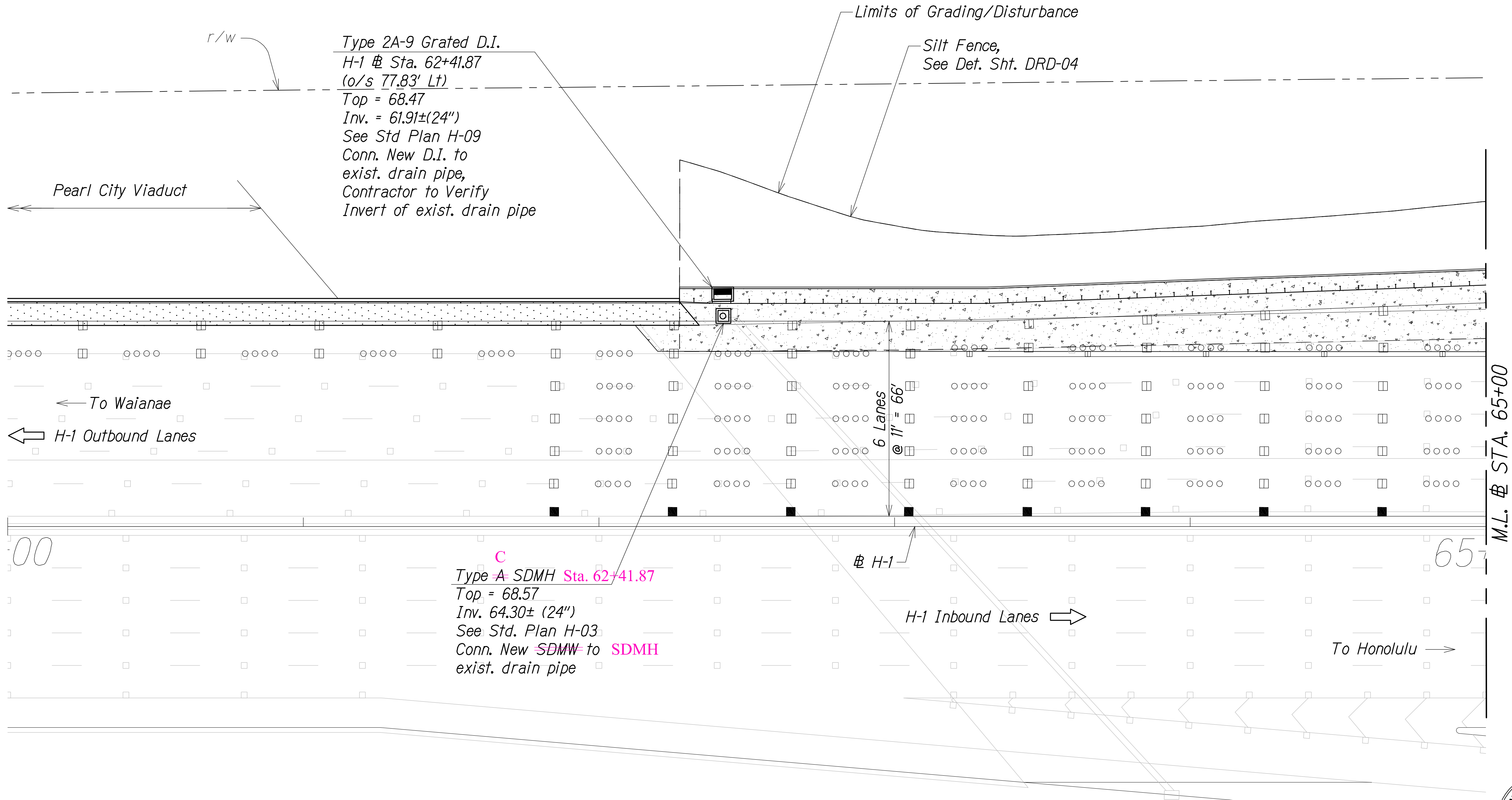


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APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY		BY	
BY		BY	
BY		BY	

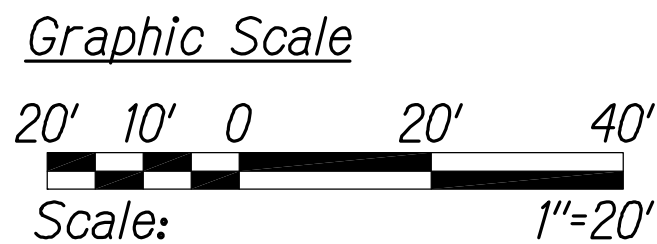
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	142	200



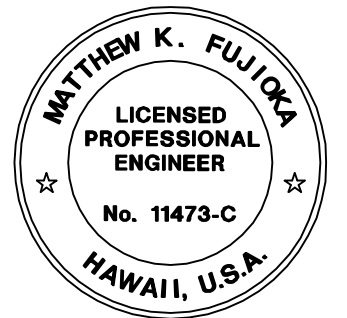
QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY		BY	
BY		BY	
BY		BY	

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



EROSION CONTROL/DRAINAGE PLAN
STA. 60+00 TO # STA. 65+00
Scale: 1" = 20'

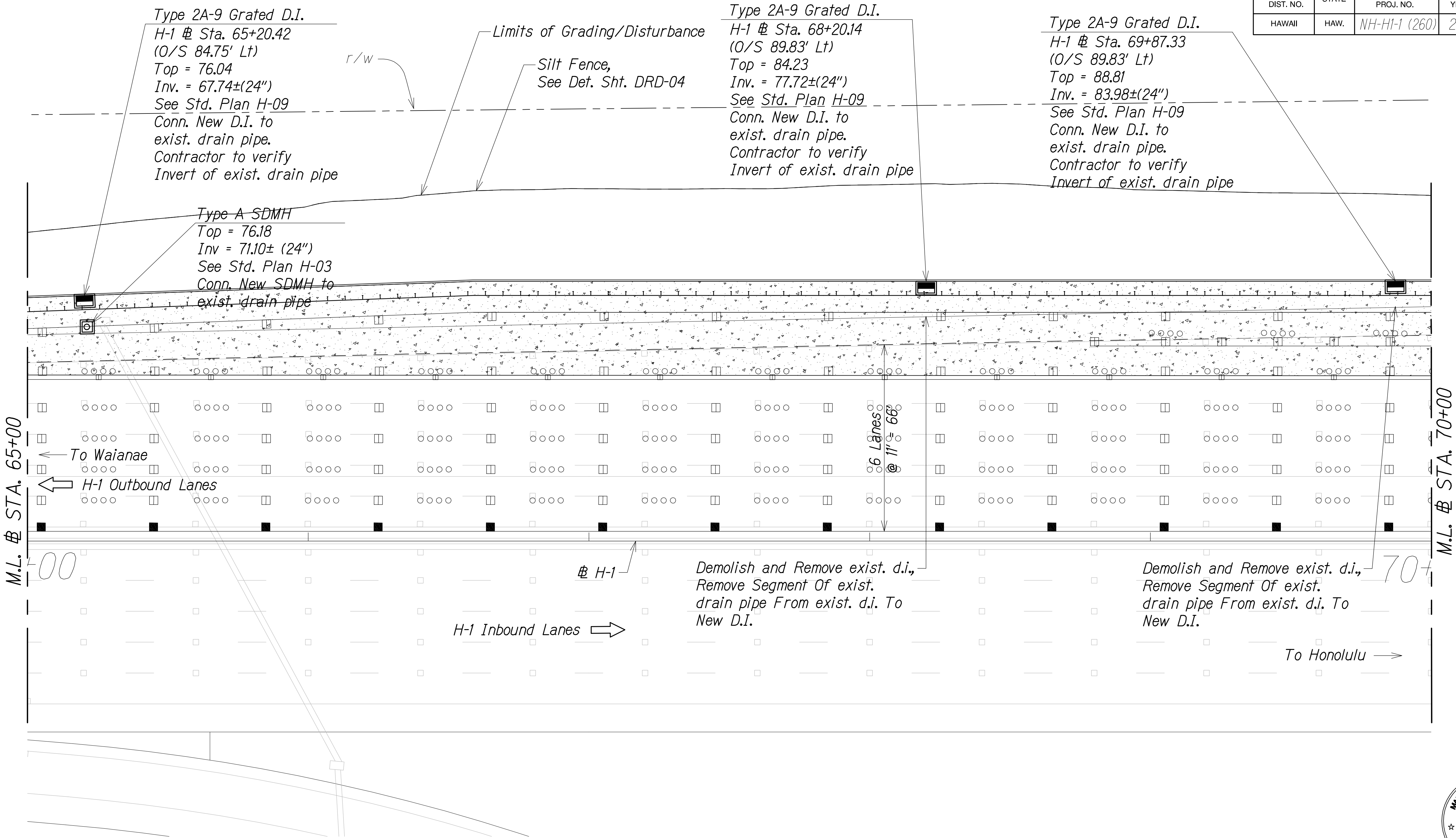
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

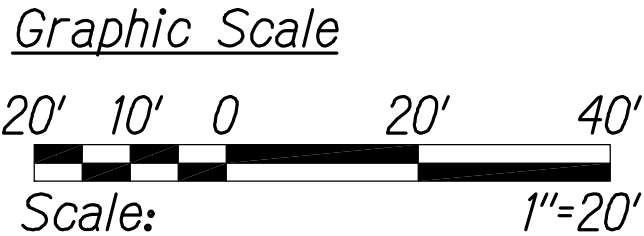
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**DETAILED EROSION CONTROL/
DRAINAGE PLAN**
INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014
SHEET No. DR-35 OF 40 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	143	200



QC/QA REVIEW	100%	DATE JUL 12, 2015
BY		
BY		
BY		
BY		

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	



EROSION CONTROL/DRAINAGE PLAN
@ STA. 65+00 TO @ STA. 70+00
Scale: 1" = 20'

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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APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

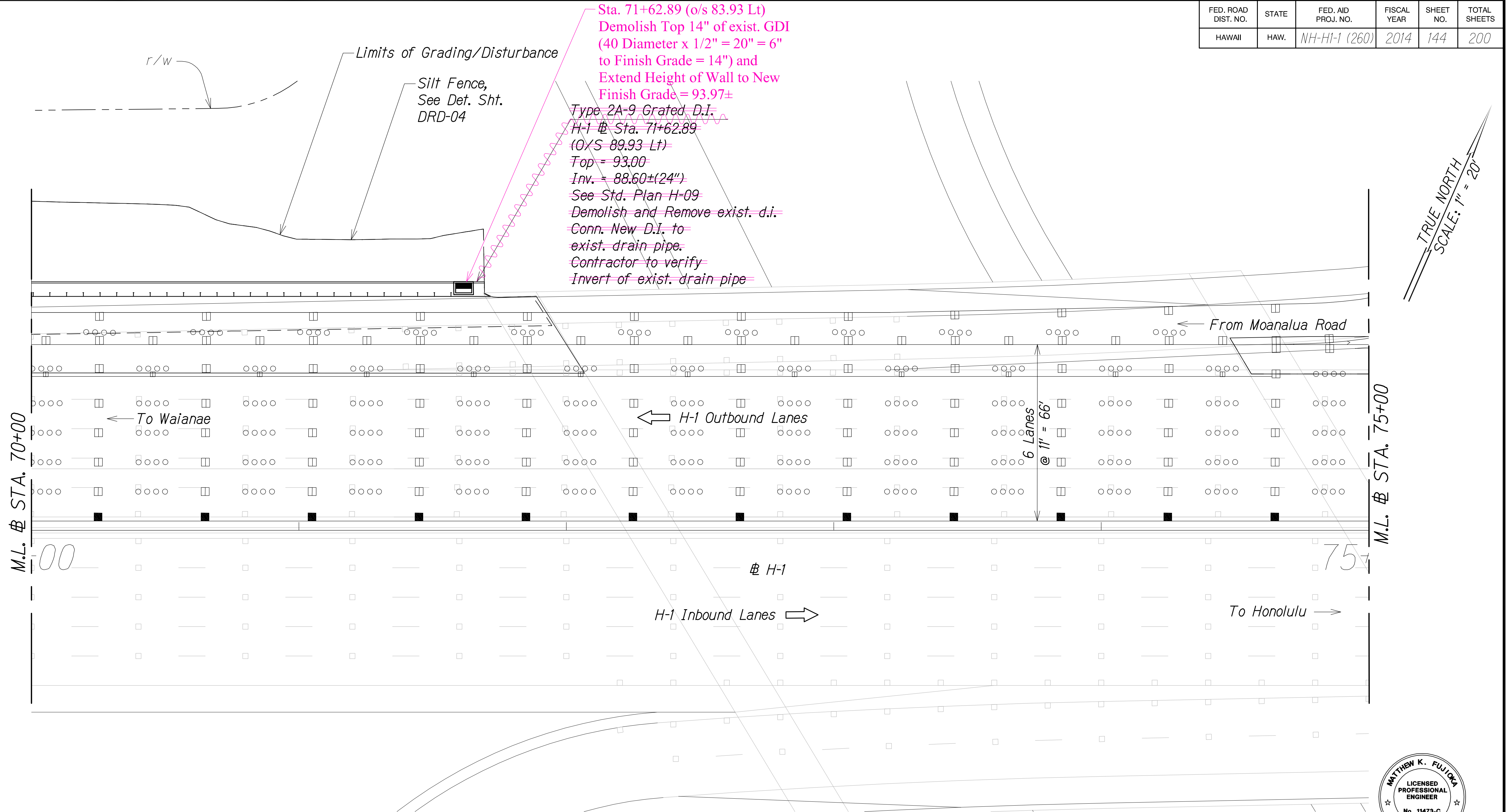
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**DETAILED EROSION CONTROL/
DRAINAGE PLAN**

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014

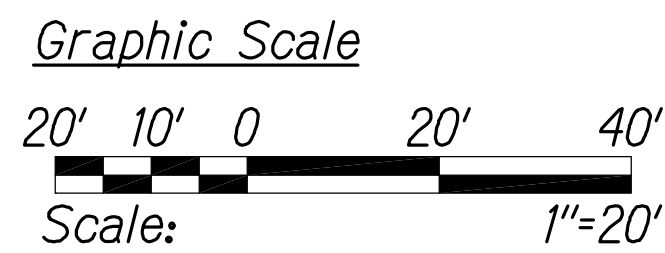
SHEET No. DR-36 OF 40 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	144	200



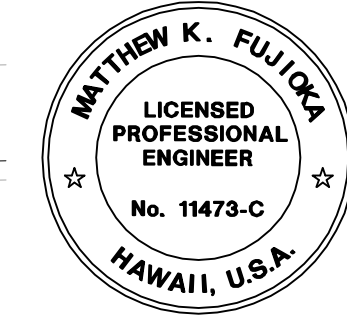
QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY		BY	
BY		BY	
BY		BY	

ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	



EROSION CONTROL/DRAINAGE PLAN
STA. 70+00 TO # STA. 75+00
Scale: 1" = 20'

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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APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

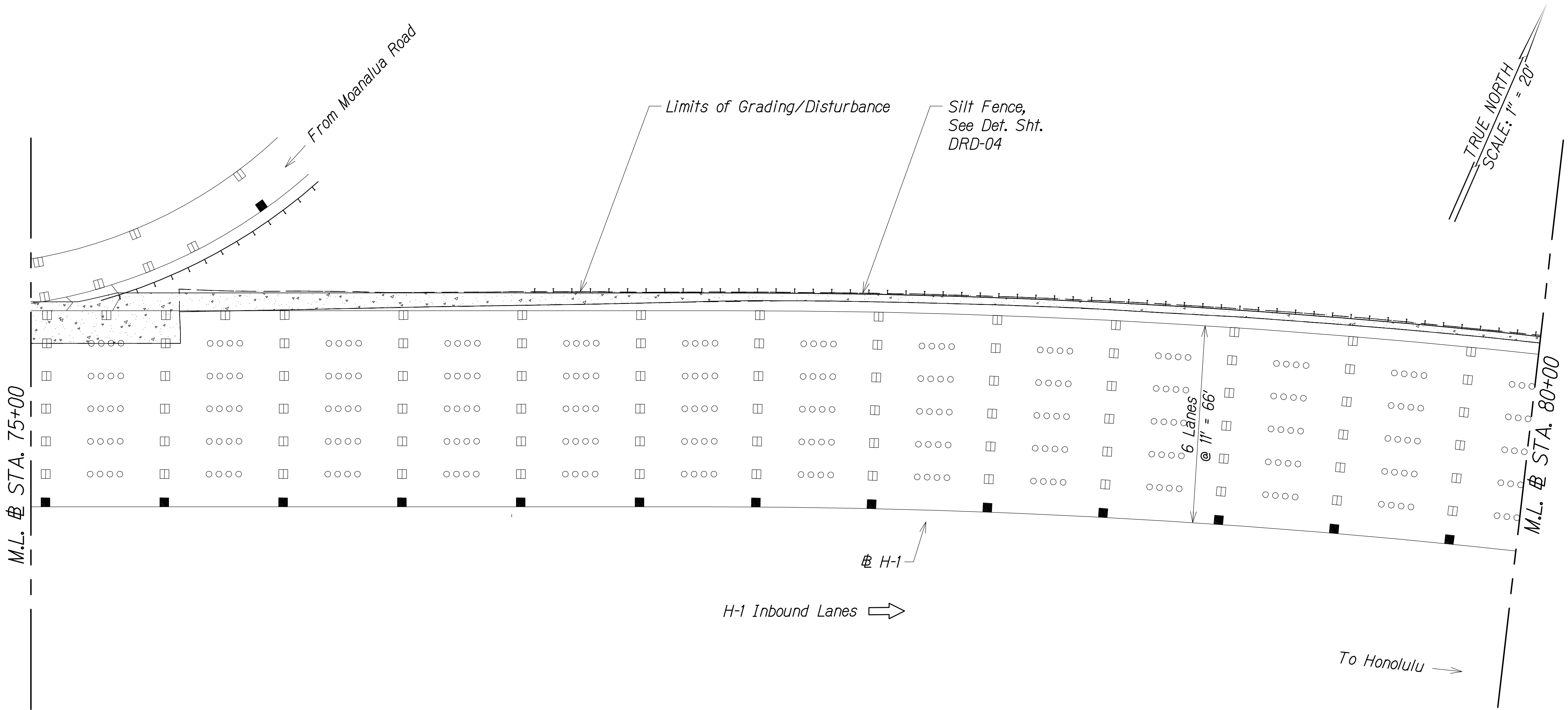
DETAILED EROSION CONTROL/DRAINAGE PLAN

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)

Scale: 1" = 20' Date: December, 2014

SHEET No. DR-37 OF 40 SHEETS

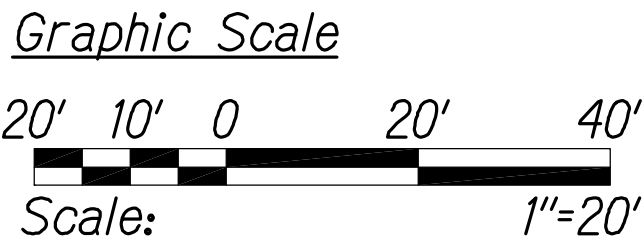
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	145	200



QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY			
BY			
BY			
BY			

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

Legend:
--- Limits of Grading/Disturbance



EROSION CONTROL/DRAINAGE PLAN
STA. 75+00 TO # STA. 80+00
Scale: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS
Squiggly line for as-built deletion
Double line for as-built deletion
Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

Matthew K. Fujimura
LICENSED PROFESSIONAL ENGINEER
No. 11473-C
HAWAII, U.S.A.

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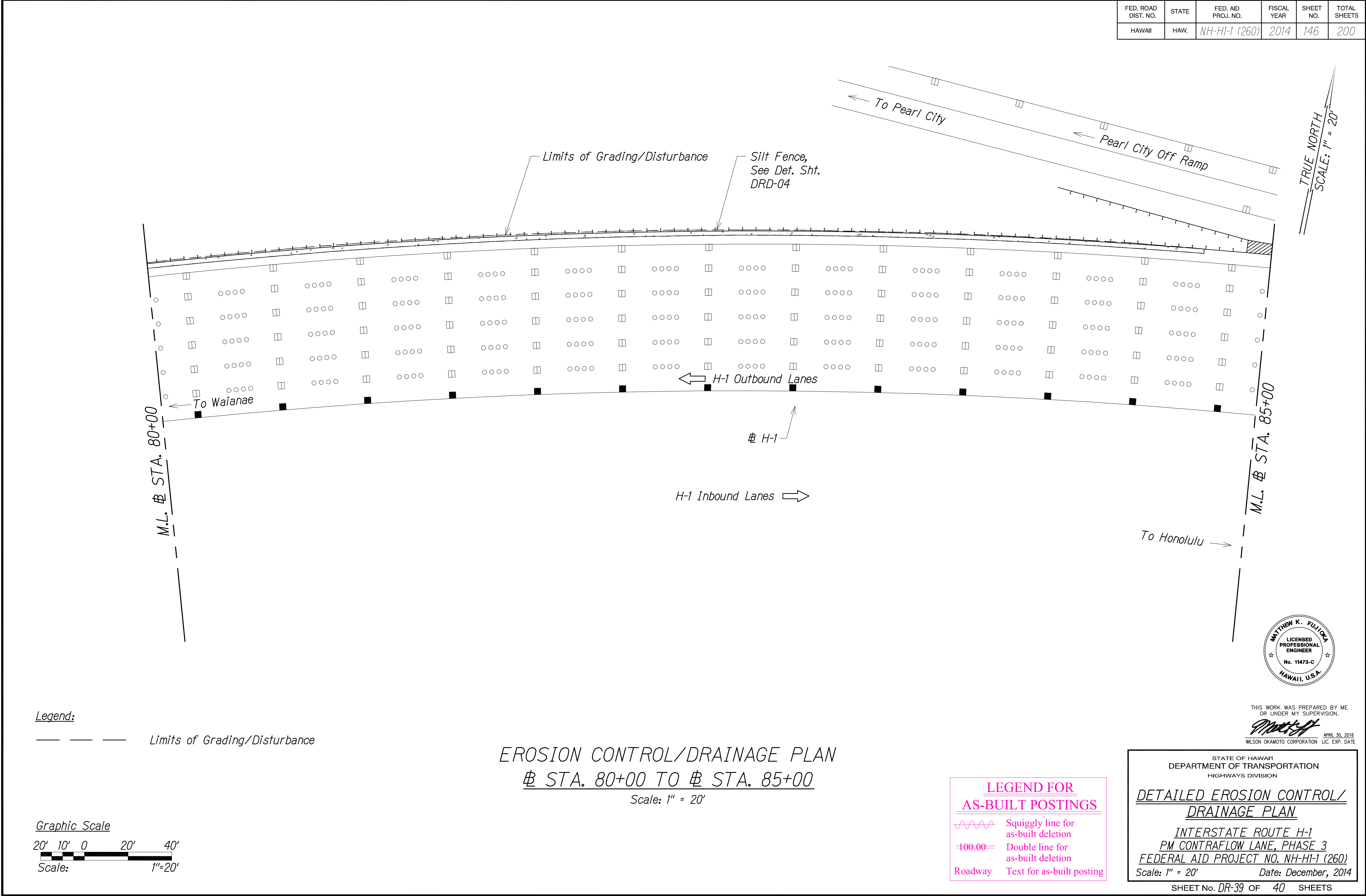
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED EROSION CONTROL/
DRAINAGE PLAN

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014

SHEET No. DR-38 OF 40 SHEETS

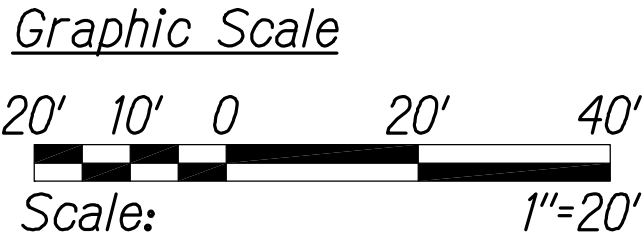
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	146	200



QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY		DESIGNED BY	
BY		QUANTITIES BY	
BY		CHECKED BY	

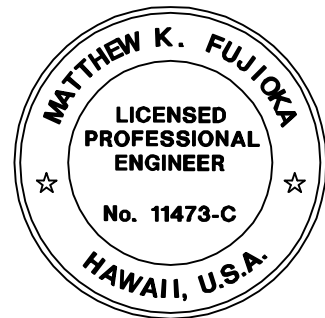
ORIGINAL PLAN	DATE
NOTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

Legend:
— — — Limits of Grading/Disturbance



EROSION CONTROL/DRAINAGE PLAN
STA. 80+00 TO # STA. 85+00
Scale: 1" = 20'

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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APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

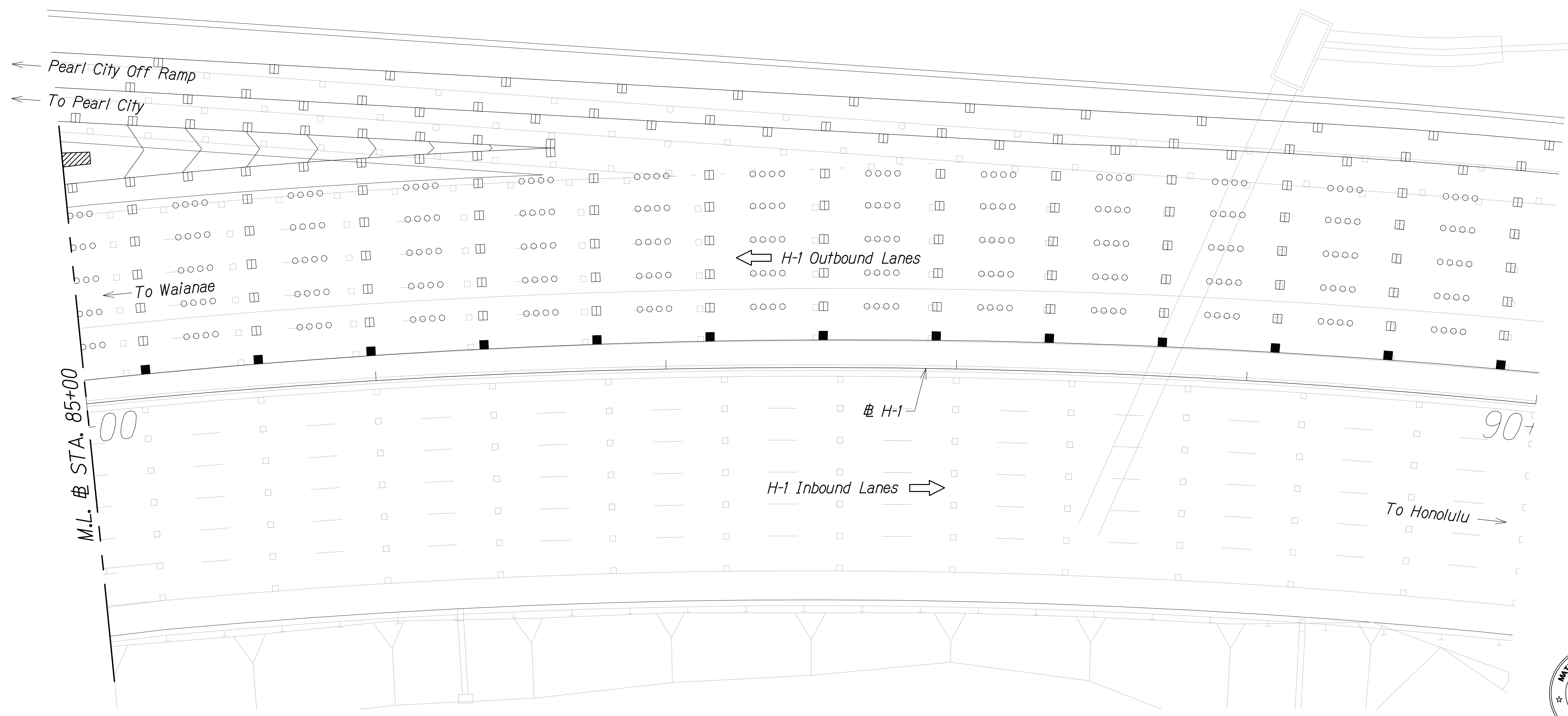
**DETAILED EROSION CONTROL/
DRAINAGE PLAN**

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014

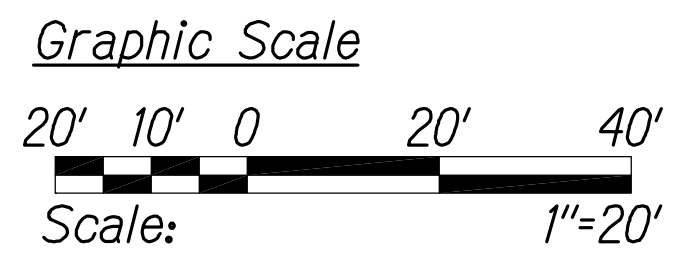
SHEET No. DR-39 OF 40 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	147	200

TRUE NORTH
SCALE: 1" = 20'



EROSION CONTROL/DRAINAGE PLAN
STA. 85+00 TO # STA. 90+00
Scale: 1" = 20'



**LEGEND FOR
AS-BUILT POSTINGS**

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

==±00.00== Double line for  
as-built deletion

Roadway Text for as-built posting

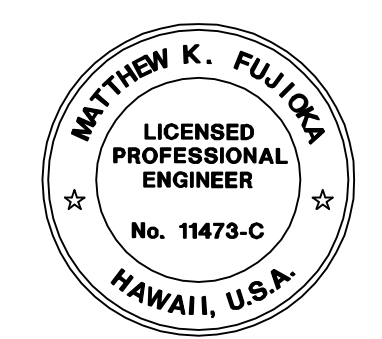
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**DETAILED EROSION CONTROL/  
DRAINAGE PLAN**

INTERSTATE ROUTE H-1  
PM CONTRAFLOW LANE, PHASE 3  
FEDERAL AID PROJECT NO. NH-HI-1 (260)

Scale: 1" = 20' Date: December, 2014

SHEET No. DR-40 OF 40 SHEETS



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*Matthew K. Fujio*  
APRIL 30, 2016  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

|              |      |      |              |
|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | JUL 12, 2015 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

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