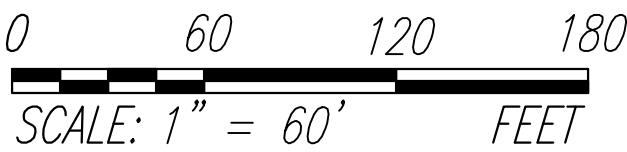
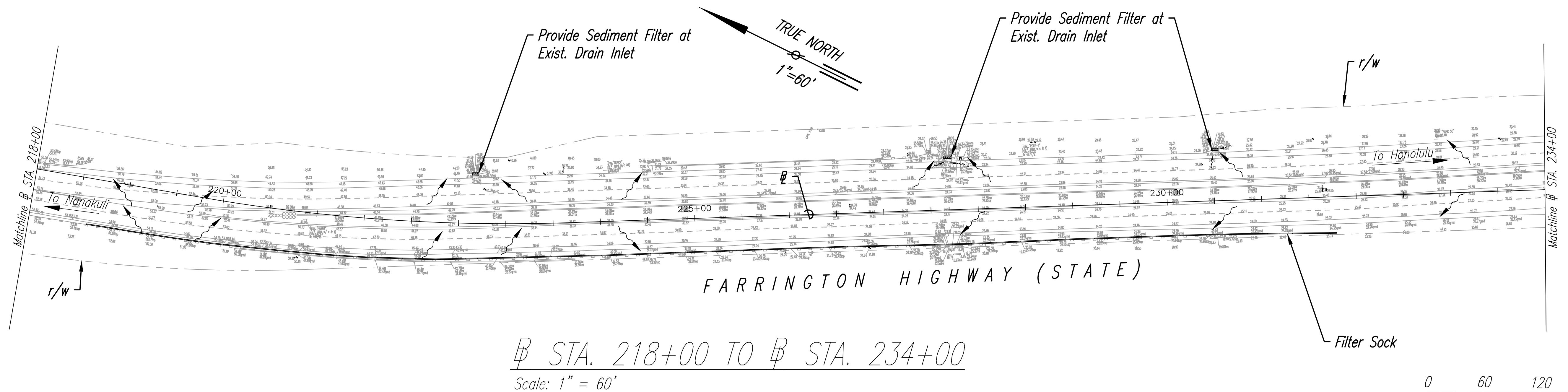
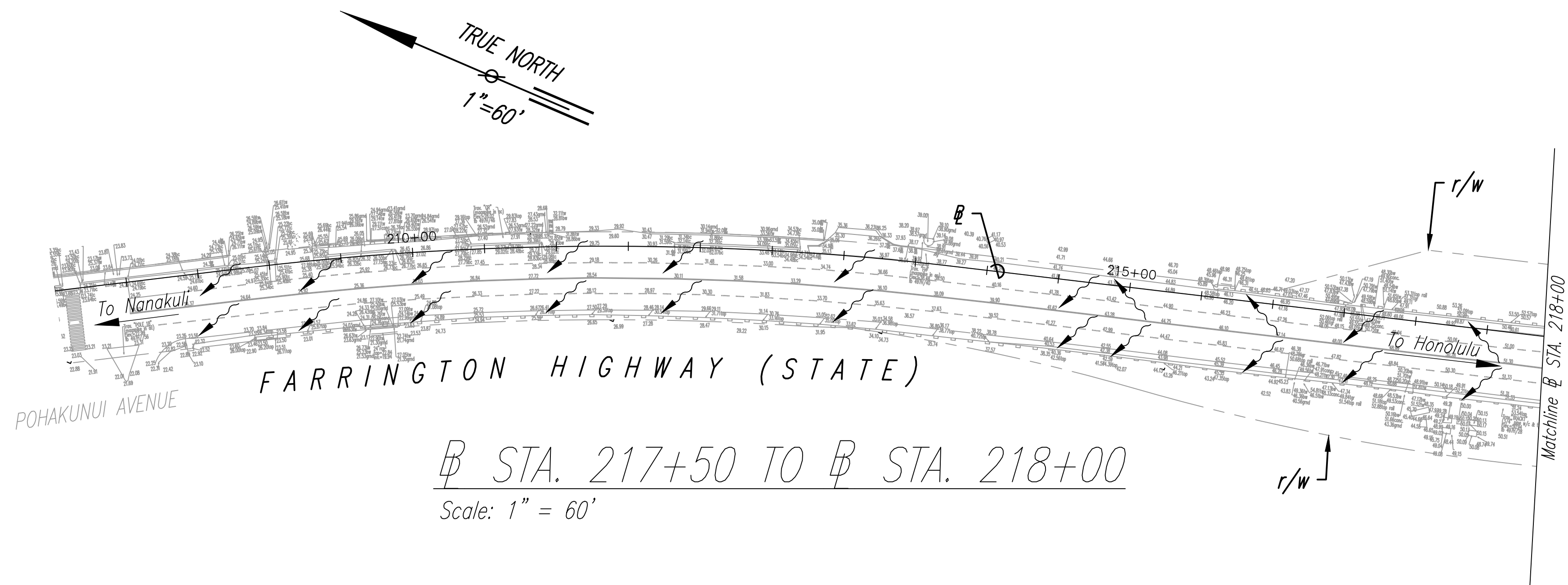


FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	8	62



NOTE:

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LEGEND

- ~ ~ ~ Direction of Surface Runoff
— Filter Sock



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OR UNDER MY SUPERVISION.

R. B. Valero
SIGNATURE

4/30/24
EXPIRATION DATE
OF LICENSE

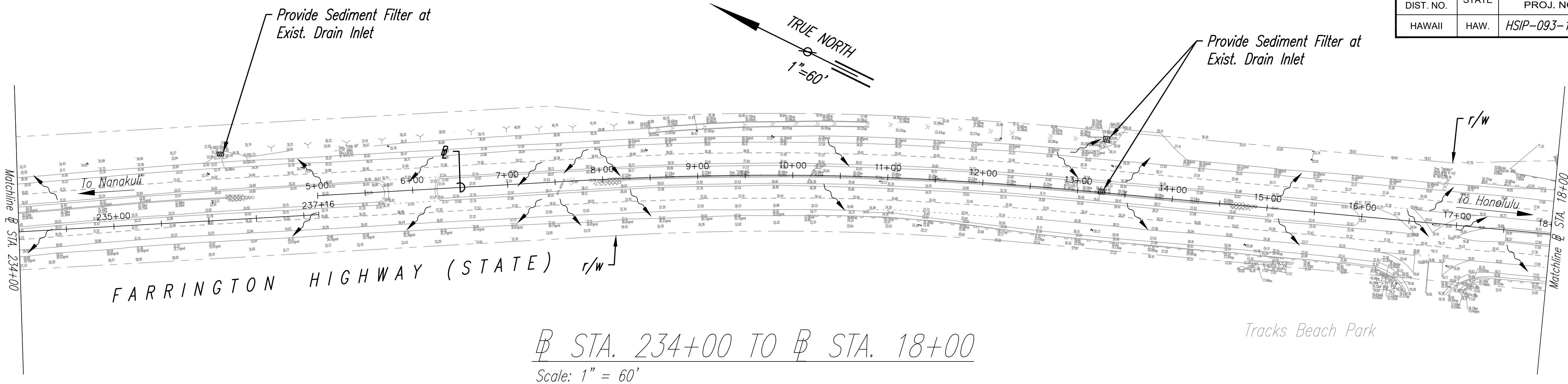
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SEDIMENT & EROSION CONTROL PLAN - 1
FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS
Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

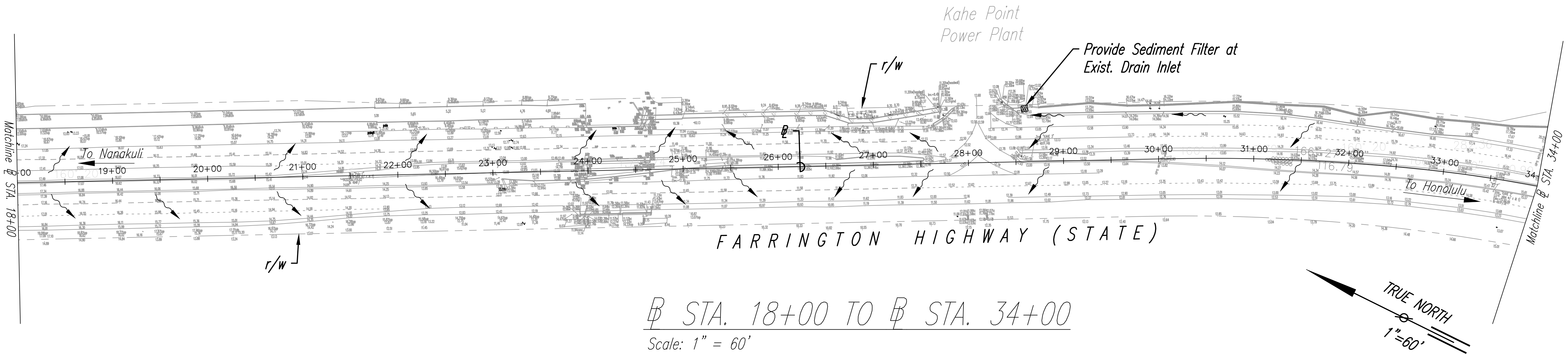
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SHEET No. 1 OF 9 SHEETS

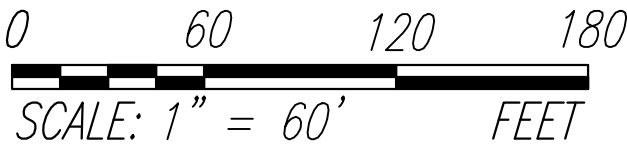
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	9	62



STA. 234+00 TO STA. 18+00
Scale: 1" = 60'



STA. 18+00 TO STA. 34+00
Scale: 1" = 60'



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LEGEND

Direction of Surface Runoff

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NO.	



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SIGNATURE: R. B. Valero
EXPIRATION DATE OF LICENSE: 4/30/24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SEDIMENT & EROSION CONTROL PLAN - 2

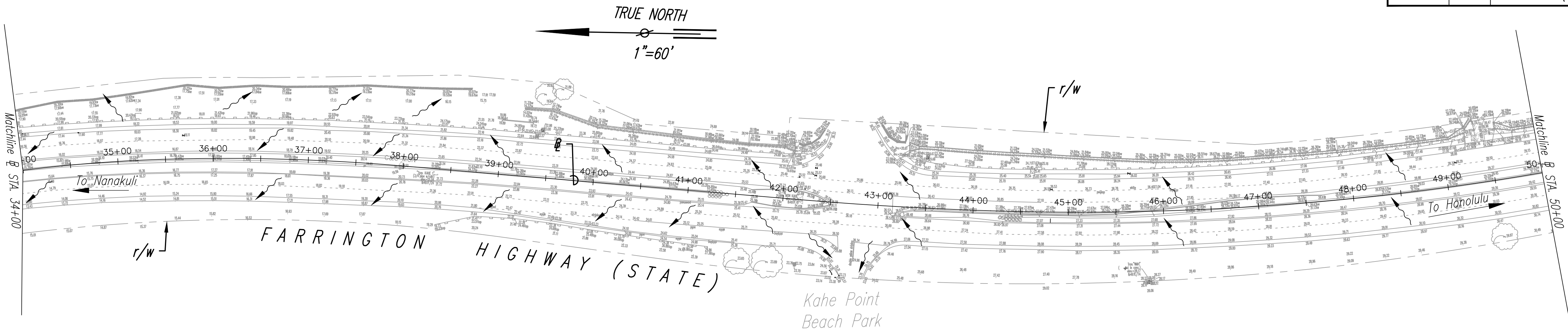
FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS

Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

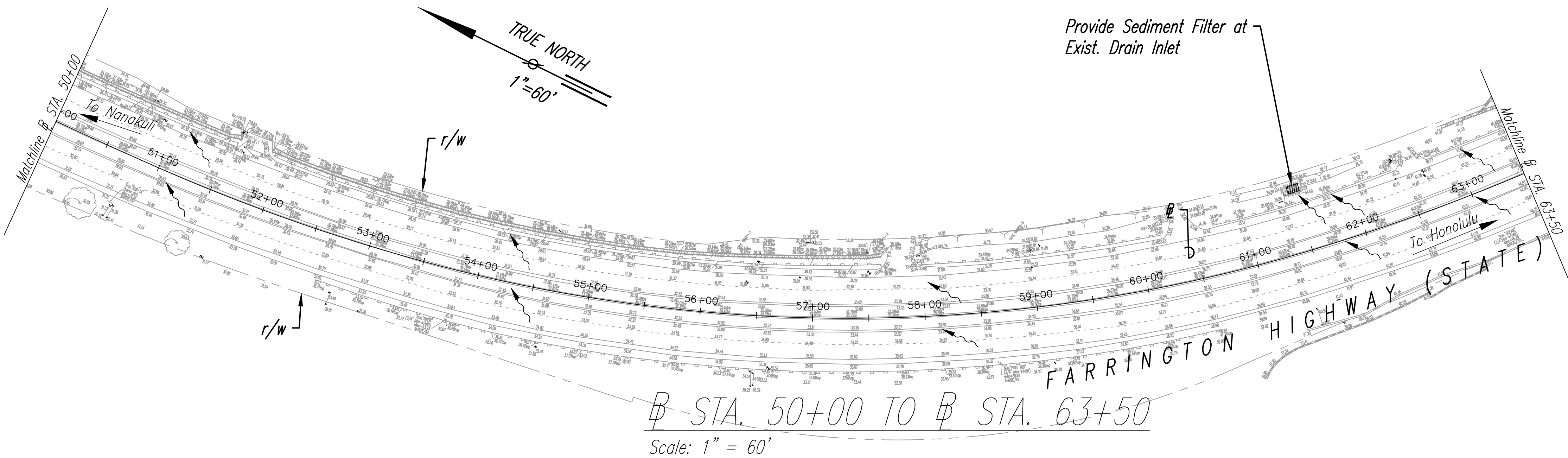
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SHEET No. 2 OF 9 SHEETS

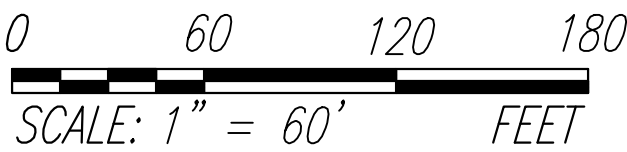
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	10	62



Sta. 34+00 TO Sta. 50+00
Scale: 1" = 60'



Sta. 50+00 TO Sta. 63+50
Scale: 1" = 60'



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LEGEND

Direction of Surface Runoff



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Signature of Ryan B. Valero

4/30/24
EXPIRATION DATE OF LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SEDIMENT & EROSION CONTROL PLAN - 3

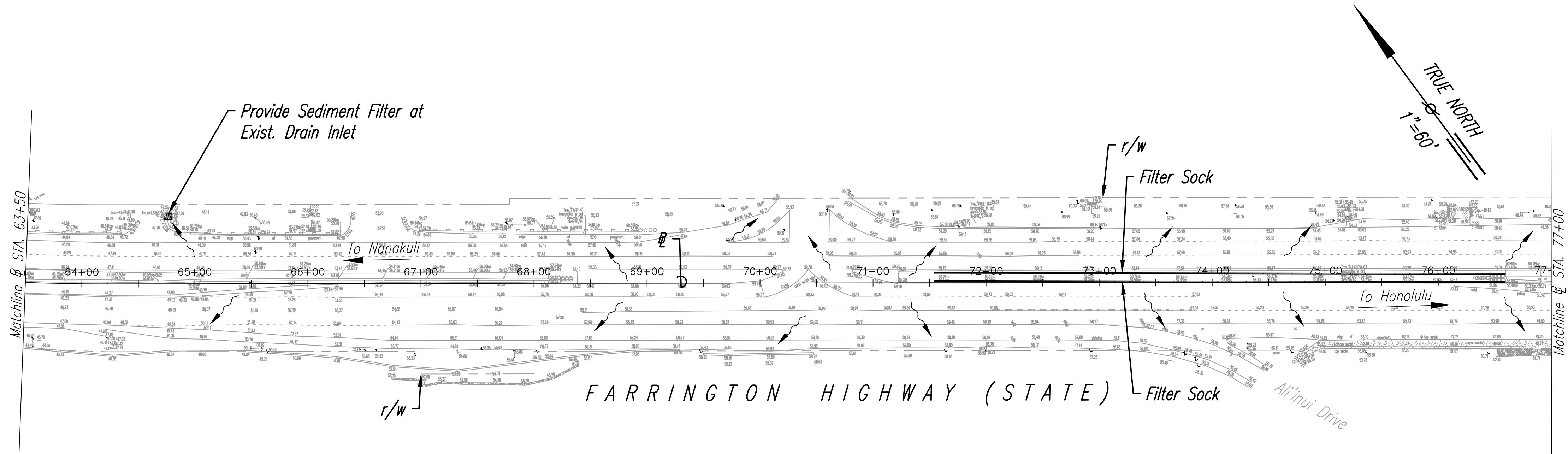
FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS

Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

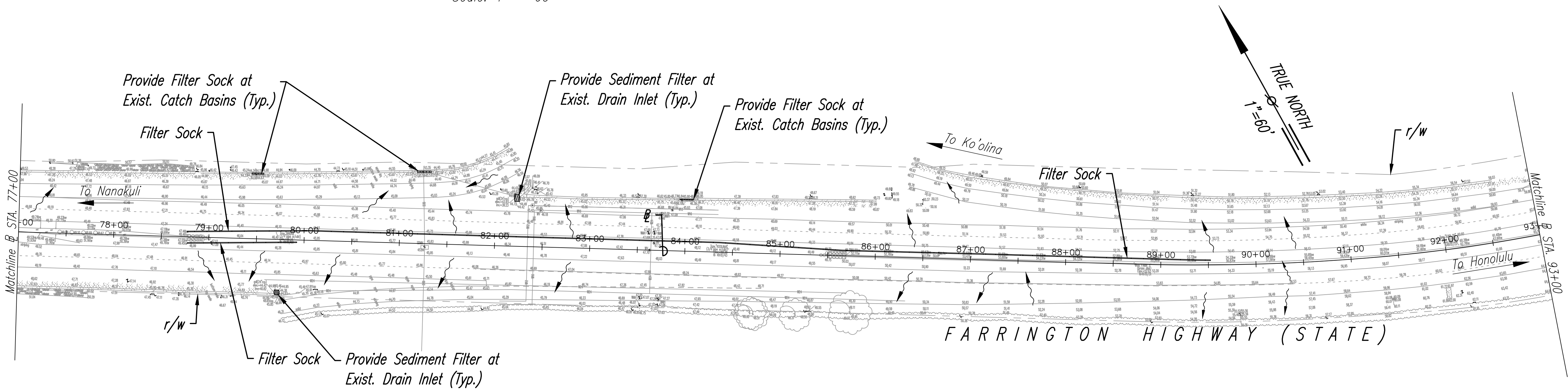
Scale: 1"=60' Date: November 2021

SHEET No. 3 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	11	62



STA. 63+50 TO STA. 77+00
Scale: 1" = 60'



STA. 77+00 TO STA. 93+00
Scale: 1" = 60'

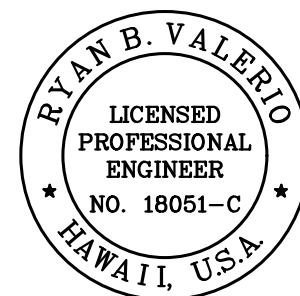
NOTE:

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

LEGEND

- Direction of Surface Runoff
- Filter Sock



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SIGNATURE

4/30/24
EXPIRATION DATE OF LICENSE

0 60 120 180
SCALE: 1" = 60' FEET

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

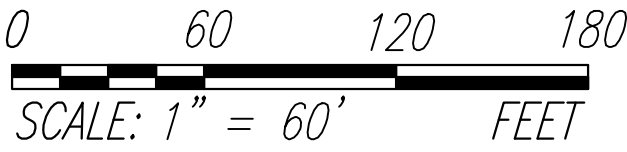
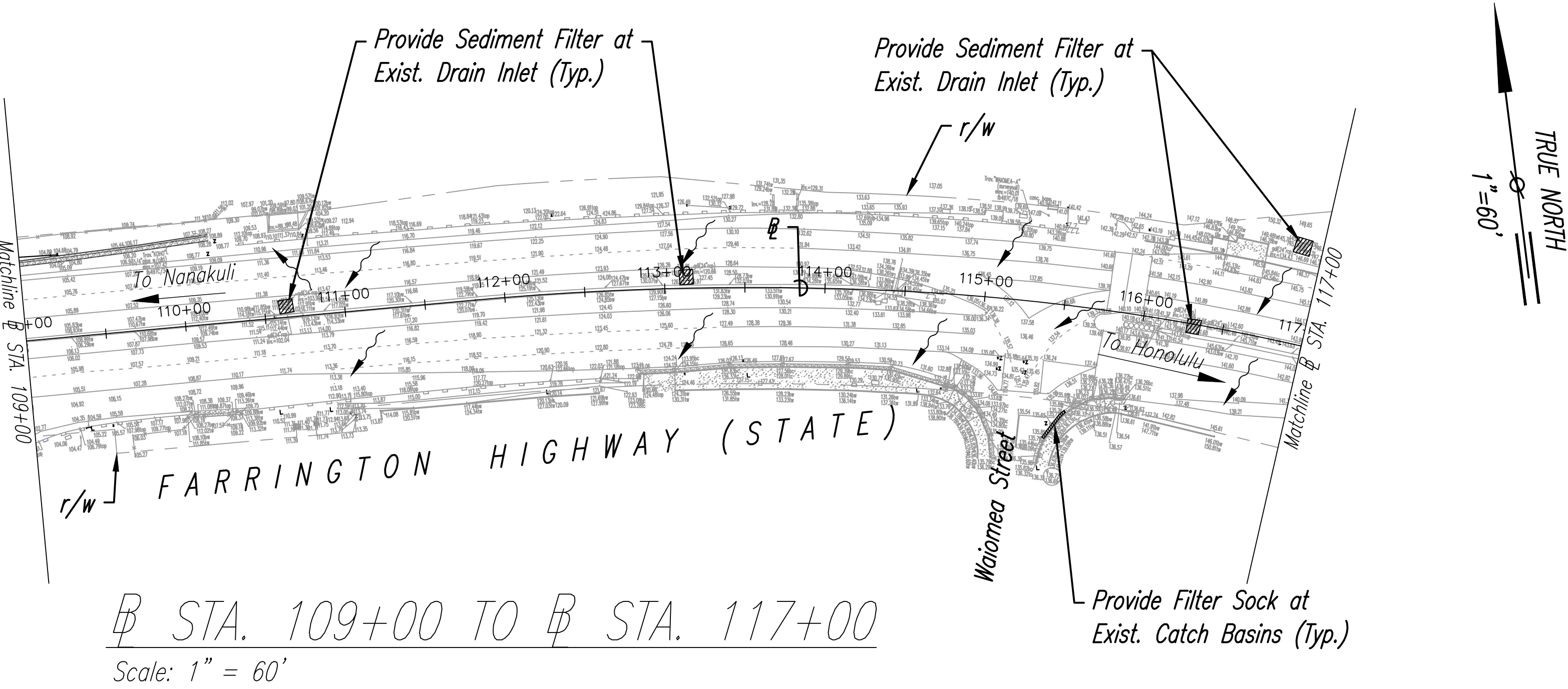
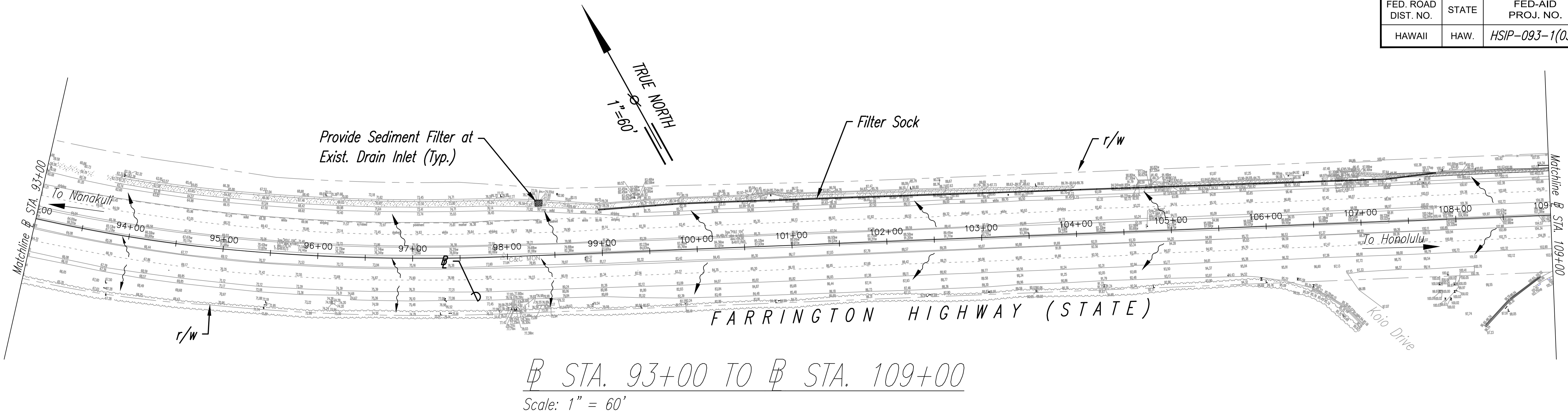
SEDIMENT & EROSION CONTROL PLAN - 4

FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS
Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

Scale: 1"=60' Date: November 2021

SHEET No. 1 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	12	62



NOTE:

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LEGEND

- ~ ~ ~ Direction of Surface Runoff
- Filter Sock



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SIGNATURE: *R. Valero*

EXPIRATION DATE OF LICENSE: 4/30/24

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SEDIMENT & EROSION CONTROL PLAN - 5

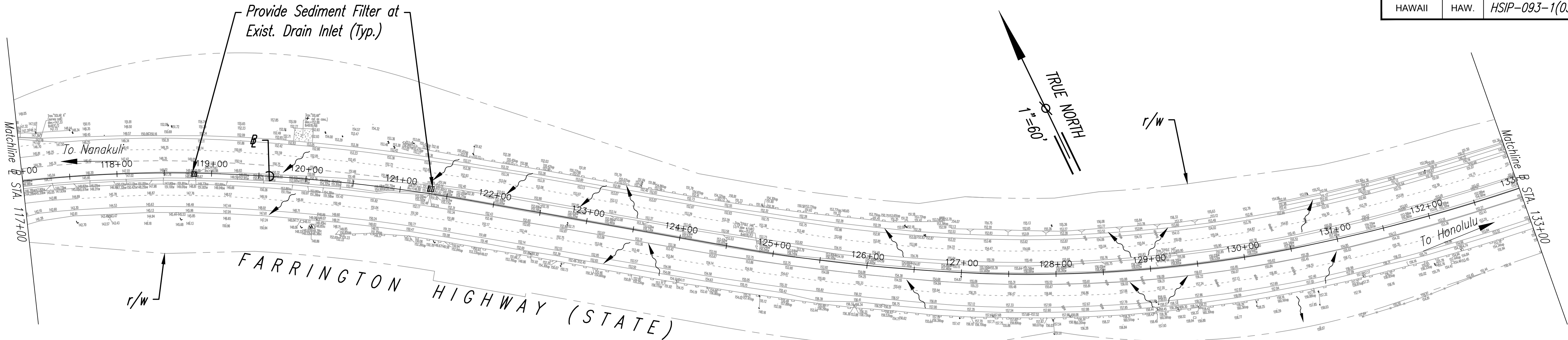
FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS

Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

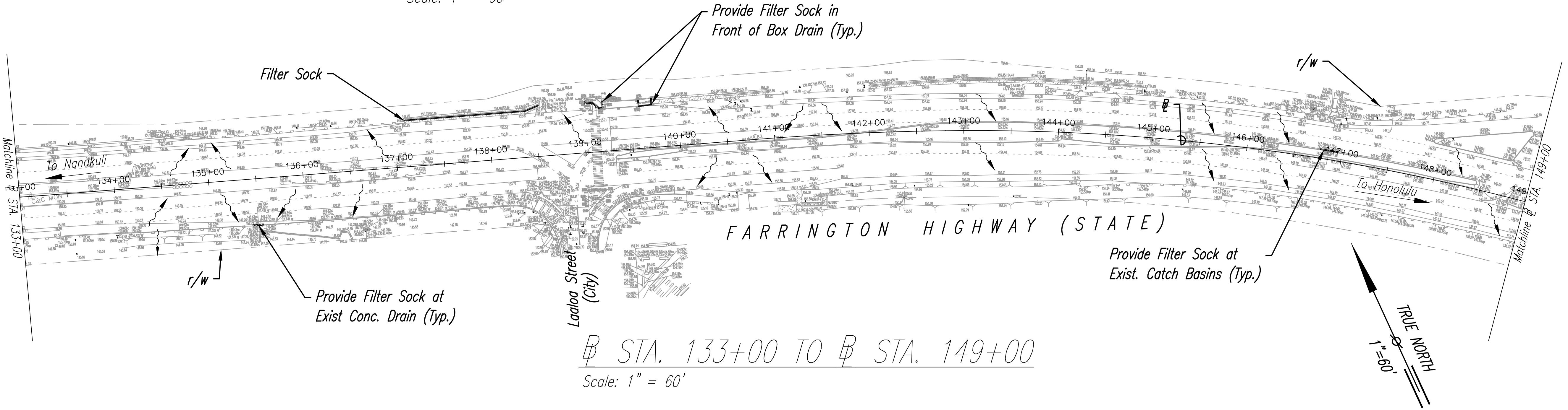
Scale: 1"=60' Date: November 2021

SHEET No. 5 OF 9 SHEETS

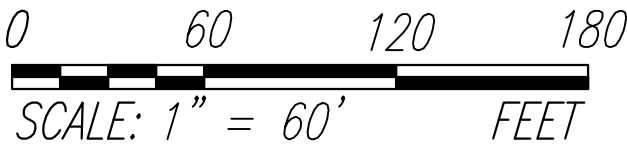
FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	13	62



Sta. 117+00 TO Sta. 133+00
Scale: 1" = 60'



Sta. 133+00 TO Sta. 149+00
Scale: 1" = 60'



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LEGEND

- Direction of Surface Runoff
- Filter Sock

ORIGINAL PLAN	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
NO.	



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SIGNATURE

4/30/24
EXPIRATION DATE OF LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

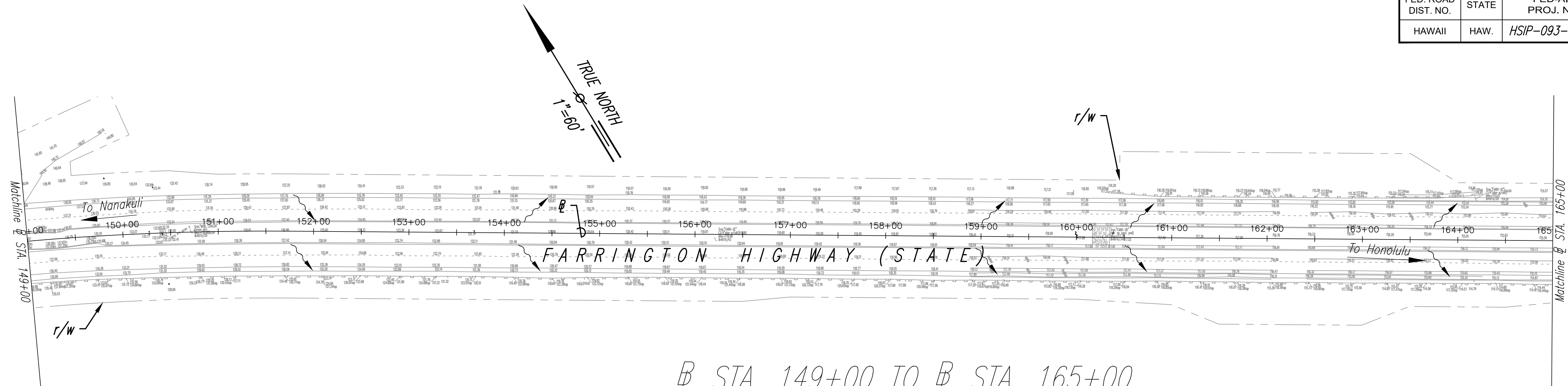
SEDIMENT & EROSION CONTROL PLAN - 6

FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS

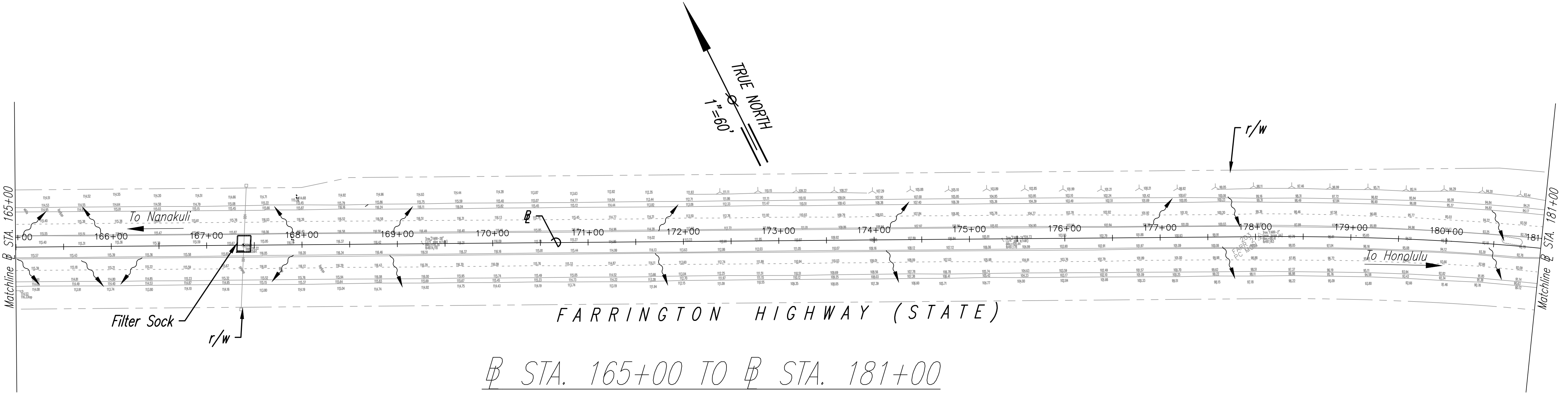
Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

Scale: 1"=60' Date: November 2021

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	14	62



From STA. 149+00 TO STA. 165+00
Scale: 1" = 60'



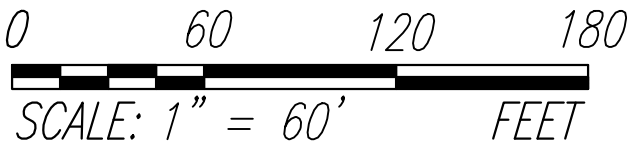
From STA. 165+00 TO STA. 181+00
Scale: 1" = 60'

NOTE:

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LEGEND

- Direction of Surface Runoff
- Filter Sock



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



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Signature: R. B. Valero

4/30/24
EXPIRATION DATE OF LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SEDIMENT & EROSION CONTROL PLAN - 7

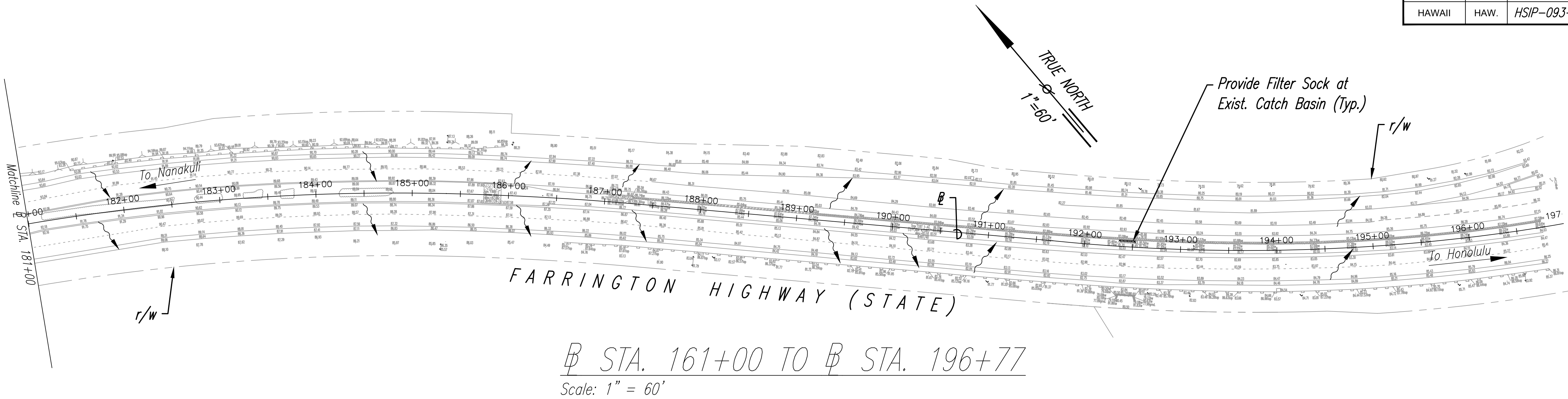
FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS

Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

Scale: 1"=60' Date: November 2021

SHEET No. 7 OF 9 SHEETS

FED. ROAD DIST. NO.	STATE	FED-AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-093-1(031)	2022	15	62

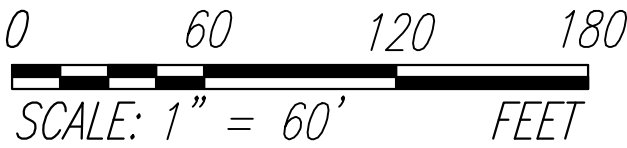


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LEGEND

- ~ ~ ~ Direction of Surface Runoff
— Filter Sock



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OF LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SEDIMENT & EROSION CONTROL PLAN - 8

FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS

Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

Scale: 1"=60' Date: November 2021

SHEET No. 8 OF 9 SHEETS

Compost Filter Sock Notes:

1. Installation:
- a. Installation shall be done according to the Manufacturer's recommendations.

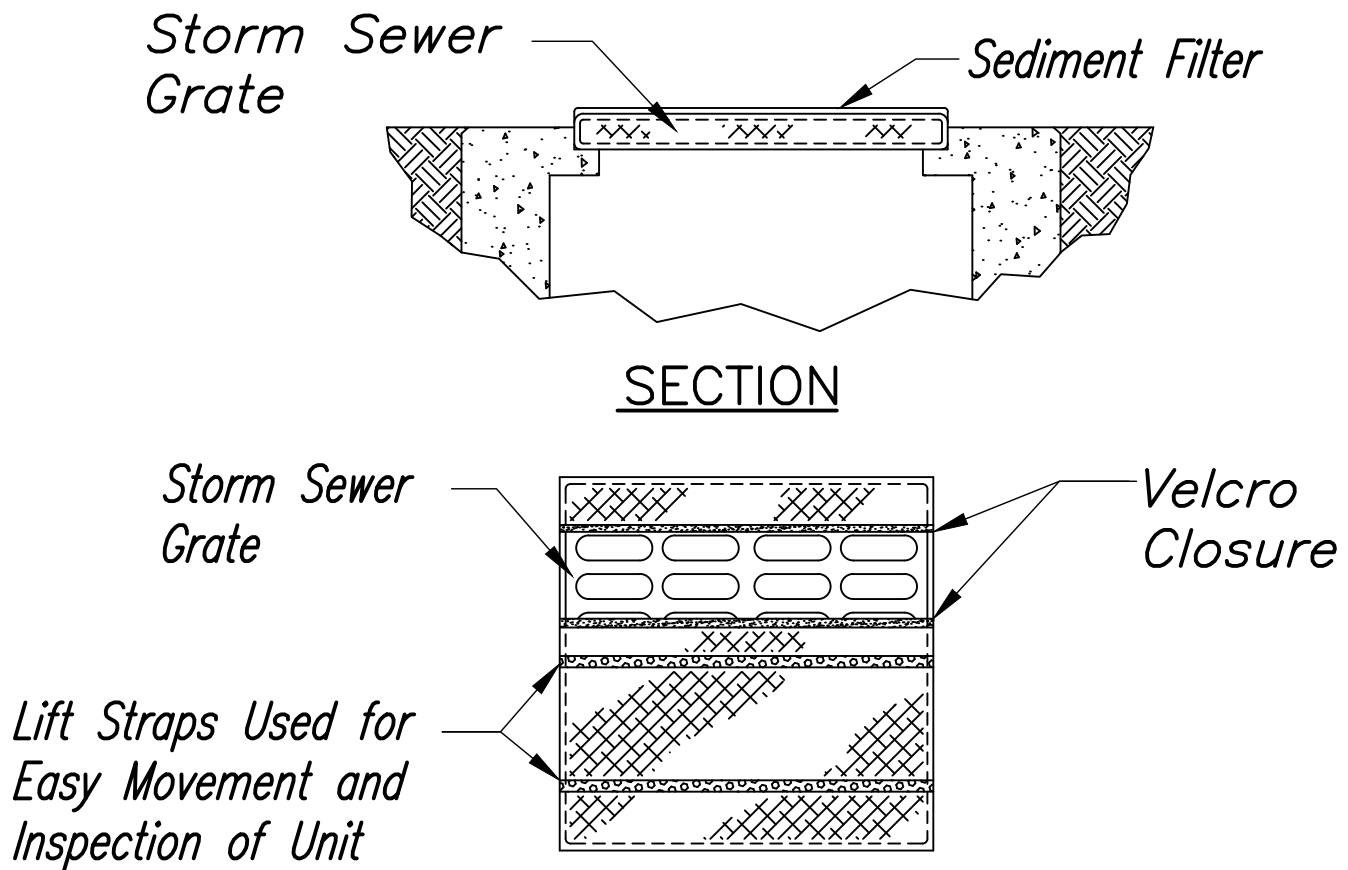
b. Assemble by tying a knot at one one of the mesh sock, filling the sock with compost, and knotting the other end of the sock. A pneumatic blower may be used to fill the sock with compost.

c. For multi-sock use, place socks end-to-end and interlock the ends, or per manufacturer's recommended procedures, whichever is more stringent.

d. Anchor filter socks to ground; stakes shall be installed per the Manufacturer's recommendations. Where staking is not possible, heavy concrete blocks shall be used behind the filter sock for stabilization during rainfall events.

e. Turn ends of filter sock up slope to prevent flow around the ends.
2. Material for compost berm may be left at the site and used as a soil amendment.
3. Inspection & Maintenance:
- a. Contractor shall inspect the filter sock(s) weekly during dry periods, daily during periods of prolonged rainfall, and within 24 hours of any rainfall event of 0.25 inch or greater that occurs within a 24-hour period.

b. The Contractor shall remove all accumulated sediment and debris from vicinity of filter sock(s) after each storm event. Remove sediment which has accumulated to within 1/3 of the berm height.
4. If a severe storm is expected, remove inlet protection devices to prevent flooding on surrounding streets.



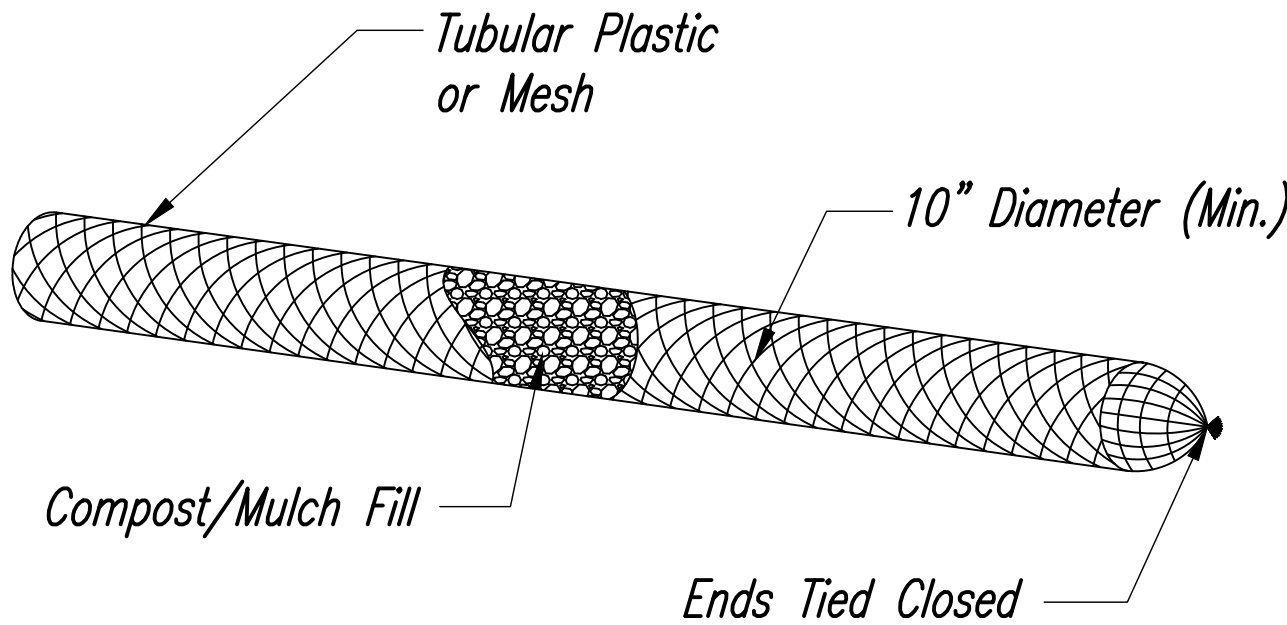
SECTION

PLAN

SEDIMENT FILTER FOR DRAIN INLETS DETAIL

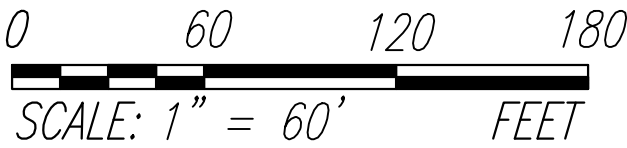
Not To Scale

Mechanical Properties	Test Method	Units	MARV
Grab Tensile Strength	ASTM D 4632	kN (lbs)	1.62 (365) X 0.89 (200)
Grab Tensile Elongation	ASTM D 4632	%	24 X 10
Puncture Strength	ASTM D 4833	kN (lbs)	0.40 (90)
Mullen Burst Strength	ASTM D 3786	kPa (psi)	3097 (450)
Trapezoid Tear Strength	ASTM D 4533	kN (lbs)	0.51 (115) X 0.33 (75)
UV Resistance	ASTM D 4355	%	90
Apparent Opening Size	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	1/min/m ² (gal/min/ft) ²	5907 (145)
Permittivity	ASTM D 4491	Sec ⁻¹	2.1



FILTER SOCK DETAIL

Not To Scale



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



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OR UNDER MY SUPERVISION.

SIGNATURE

4/30/24
EXPIRATION DATE
OF LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SEDIMENT & EROSION CONTROL DETAILS

FARRINGTON HIGHWAY
SAFETY IMPROVEMENTS
Pohakunui Avenue to Interstate H-1
Federal Aid Project No. HSIP-093-1(031)

Date: November 2021

SHEET No. 9 OF 9 SHEETS