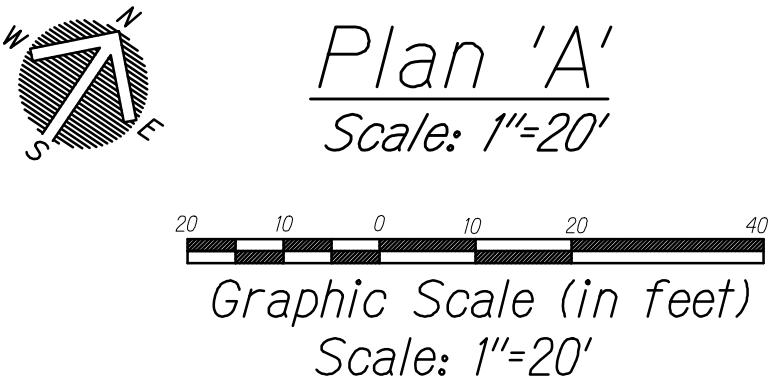
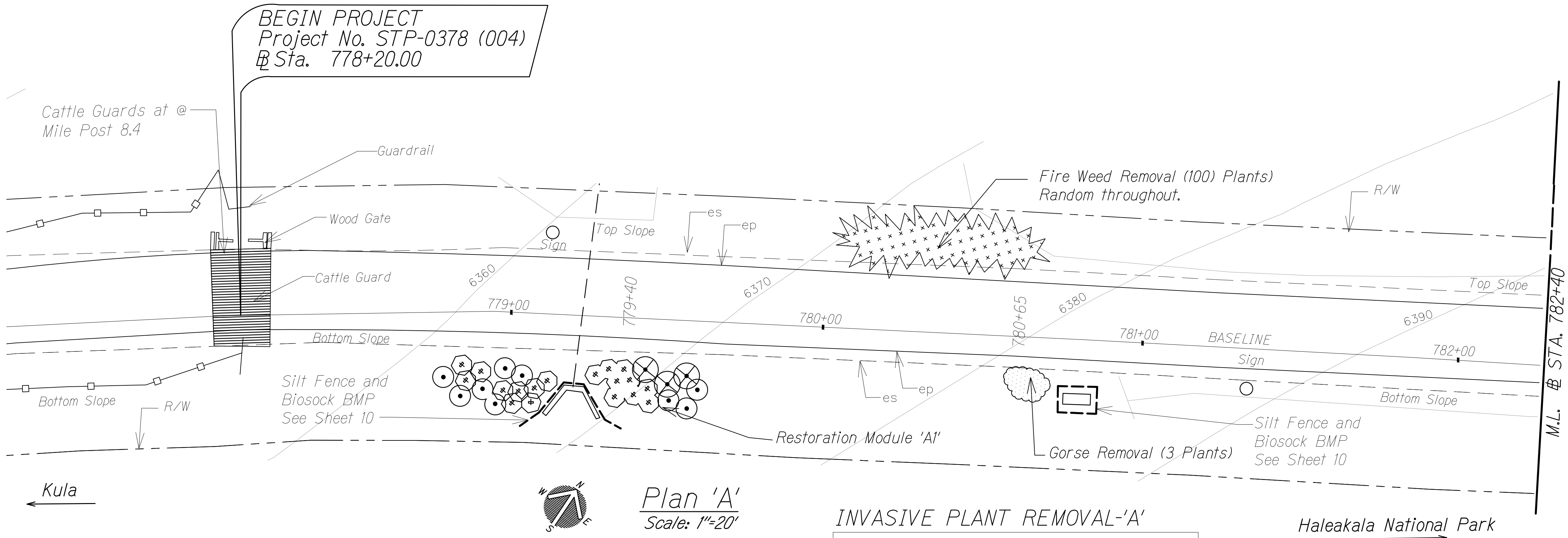


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	12	24

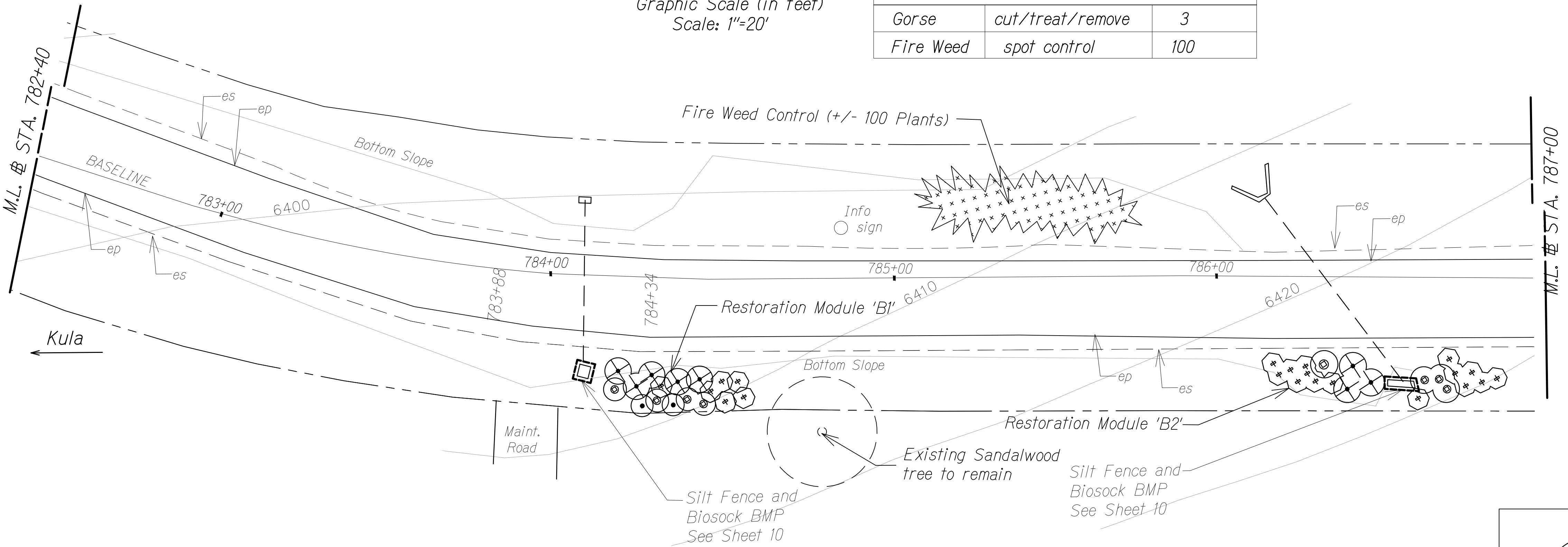


INVASIVE PLANT REMOVAL-'A'

NAME	CONTROL	APPROX. QTY
Gorse	cut/treat/remove	3
Fire Weed	spot control	100

SYMBOL KEY

- Mamane
- Aalii
- Ohia lehua
- Iliahi
- Gorse Area
- Fire Weed Area



INVASIVE PLANT REMOVAL-'B'

NAME	CONTROL	APPROX. QTY
Fire Weed	spot control	100

NOTE:

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANTING MODULES A & B

HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION

Federal-Aid Project No. STP-0378(004)

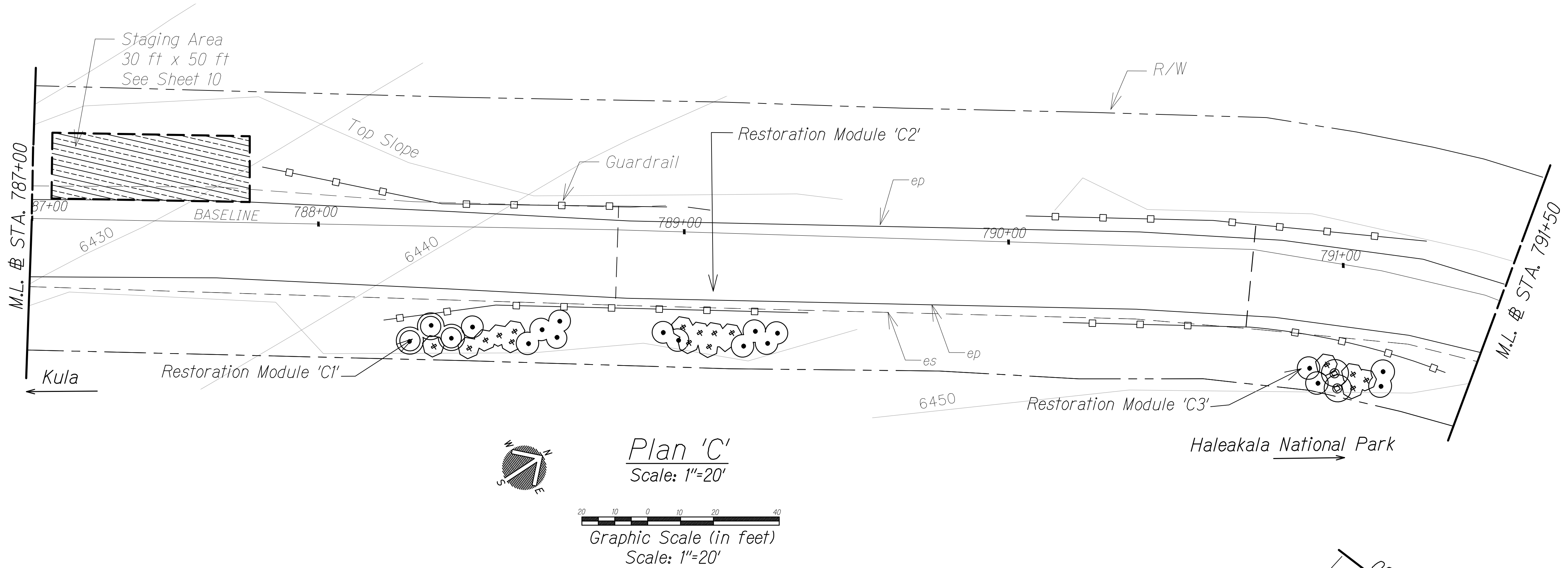
Scale: As Noted Date: Aug. 2021

RICHARD L. QUINN
LICENSED PROFESSIONAL LANDSCAPE ARCHITECT
No. 6028
HAWAII U.S.A.

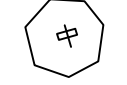
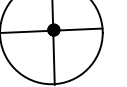
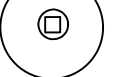
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Expiration of License: 06/30/2024

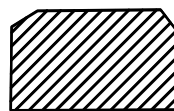
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
(REC. 16-1163 DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS)

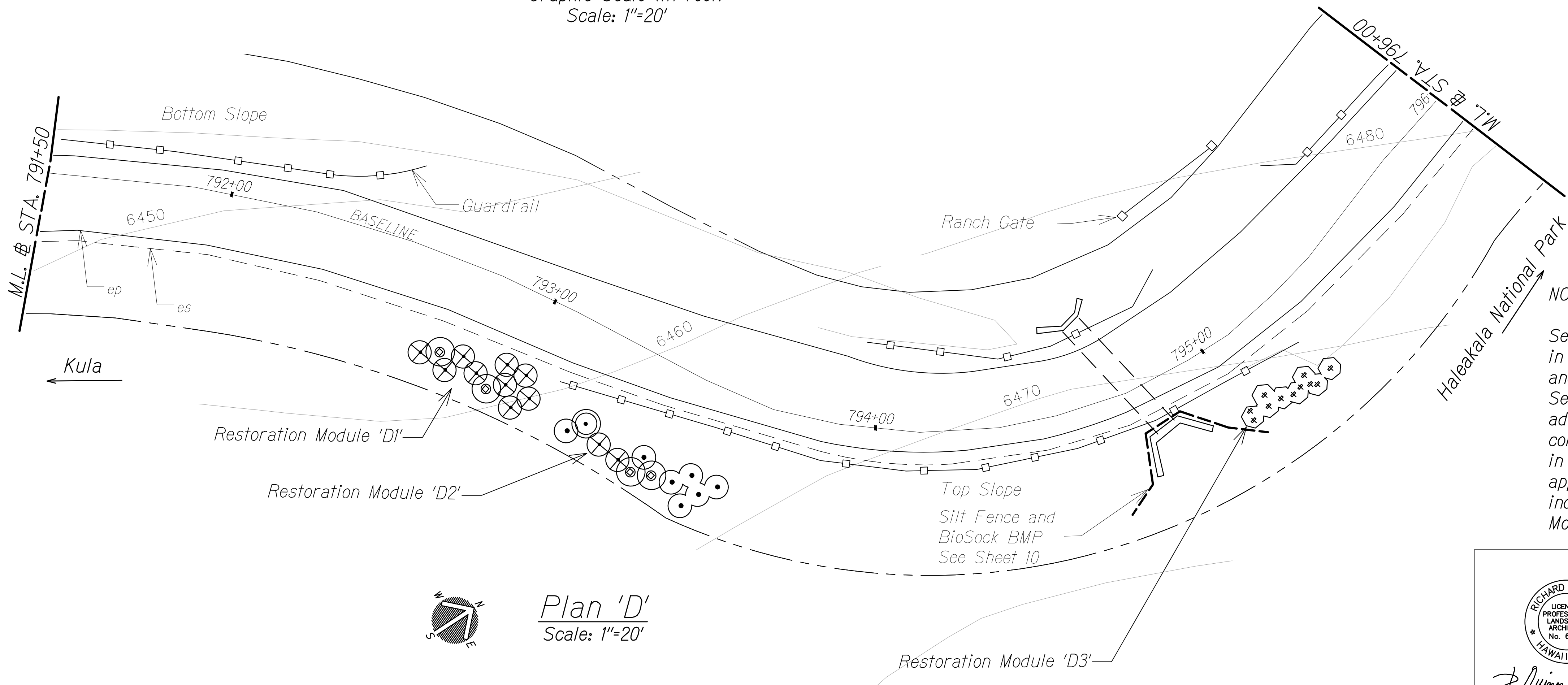
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	13	24



SYMBOL KEY

-  Koa
-  Mamane
-  Aalii
-  Ohia lehua
-  Iliahi

 Potential Staging Area



NOTE:

Sediment and Erosion Control BMP measures shown in Contract Documents are minimum BMP requirements and do not constitute an acceptable and/or complete Sediment Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.

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



Richard L. Quinn
Licensed Professional Landscape Architect
No. 6028
HAWAII U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

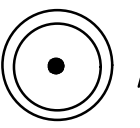
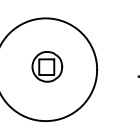
PLANTING MODULES C & D

**HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION**

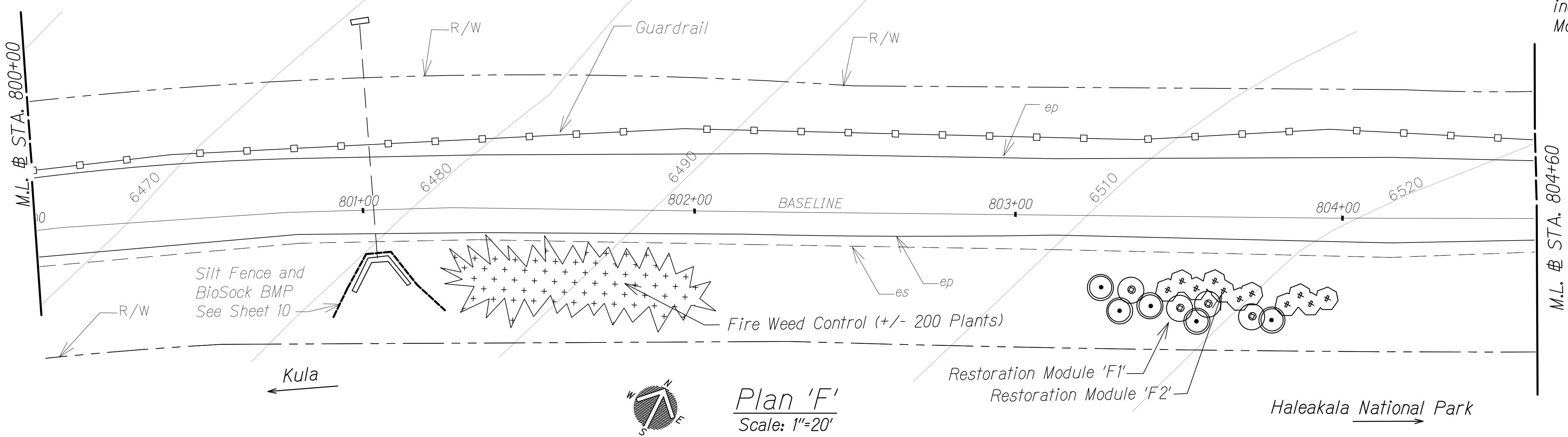
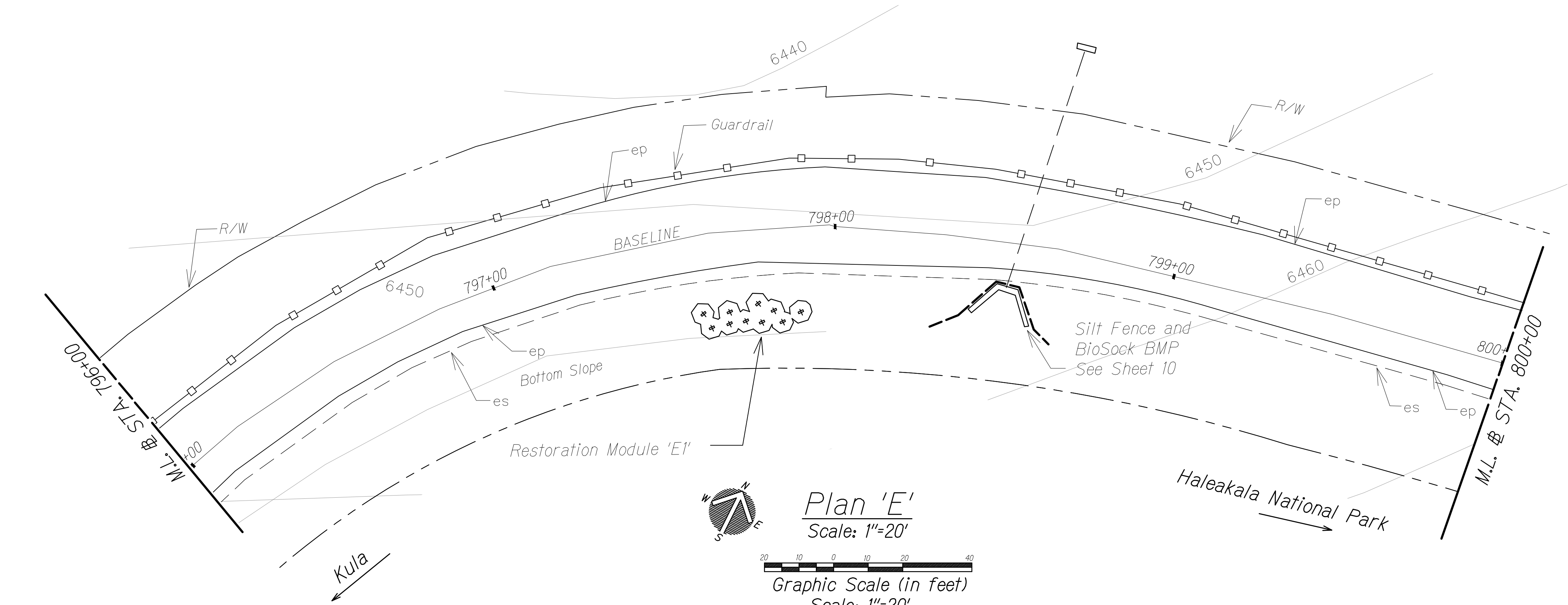
Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	14	24

SYMBOL KEY

-  Koa
-  Aalii
-  Iliahi
-  Fire Weed Area

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

INVASIVE PLANT REMOVAL-'F'

NAME	CONTROL	APPROX. QTY
Fire Weed	spot control	200



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANTING MODULES E & F

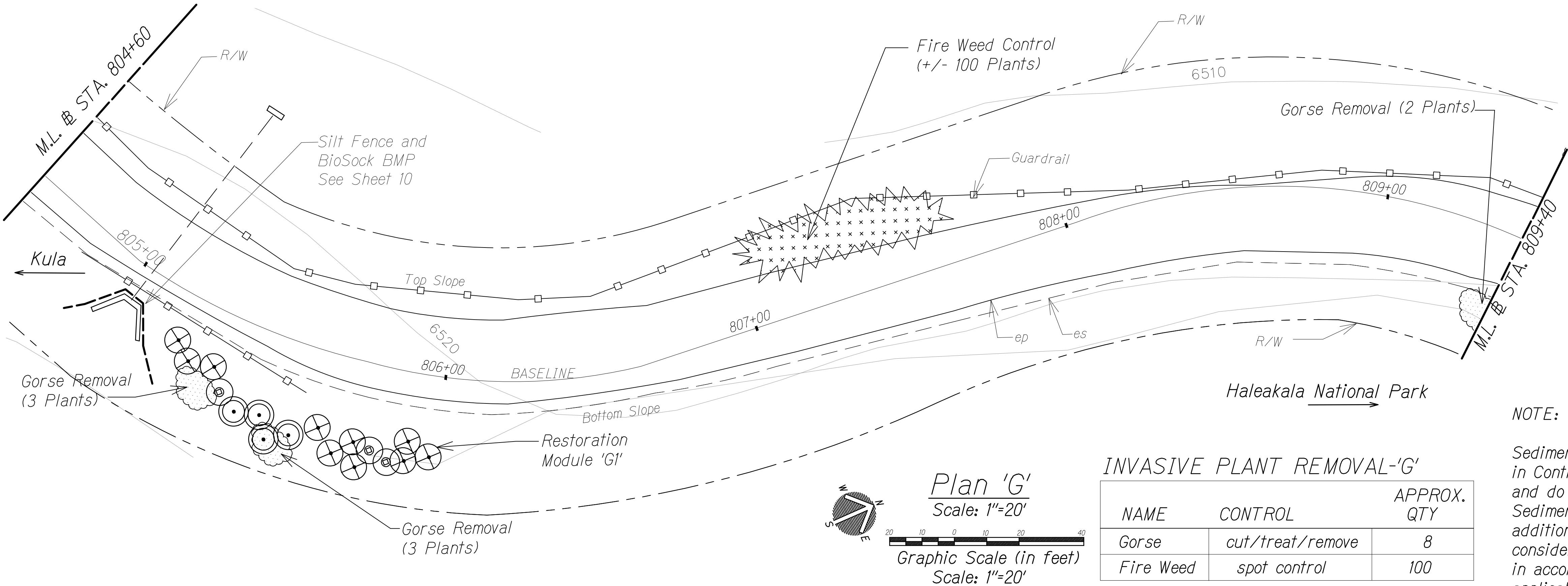
HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION
Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (SEC. 16-150) DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	15	24

SYMBOL KEY

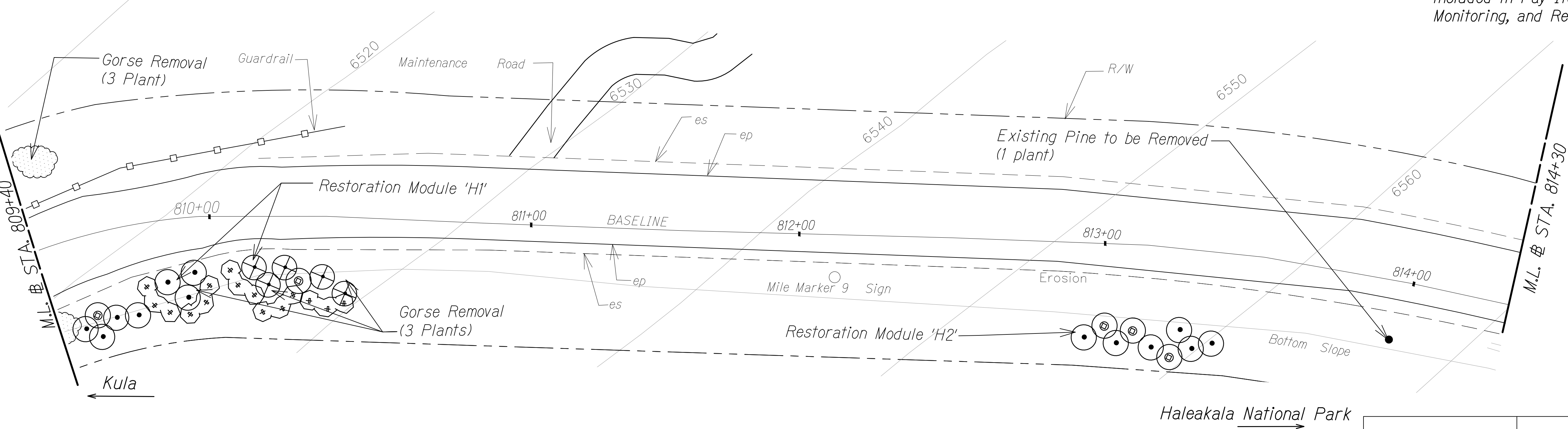
- Koa
- Mamane
- Aalii
- Ohia lehua
- Iliahi
- Gorse Area
- Fire Weed Area



NOTE:
Sediment and Erosion Control BMP measures shown in Contract Documents are minimum BMP requirements and do not constitute an acceptable and/or complete Sediment Control Plan. The Contractor shall incorporate additional BMPs based upon their means and methods considering site conditions and construction sequence in accordance with the Contract Documents including applicable permit document requirements. Cost shall be included in Pay Item 209.0100, Installation, Maintenance, Monitoring, and Removal of BMP.

INVASIVE PLANT REMOVAL-'G'

NAME	CONTROL	APPROX. QTY
Gorse	cut/treat/remove	8
Fire Weed	spot control	100



INVASIVE PLANT REMOVAL-'H'

NAME	CONTROL	APPROX. QTY
Gorse	cut/treat/remove	6
Pine tree	cut/treat/remove	1

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANTING MODULES G & F

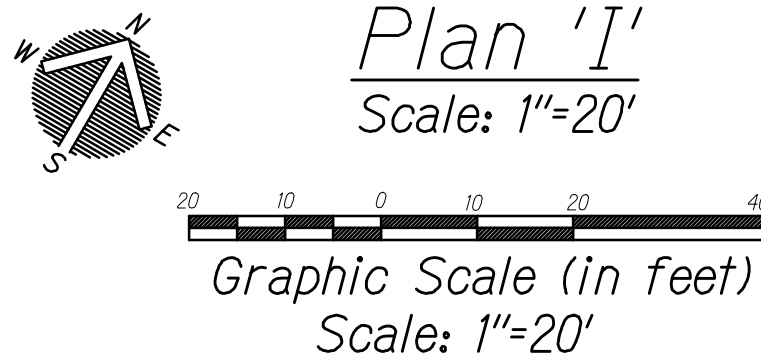
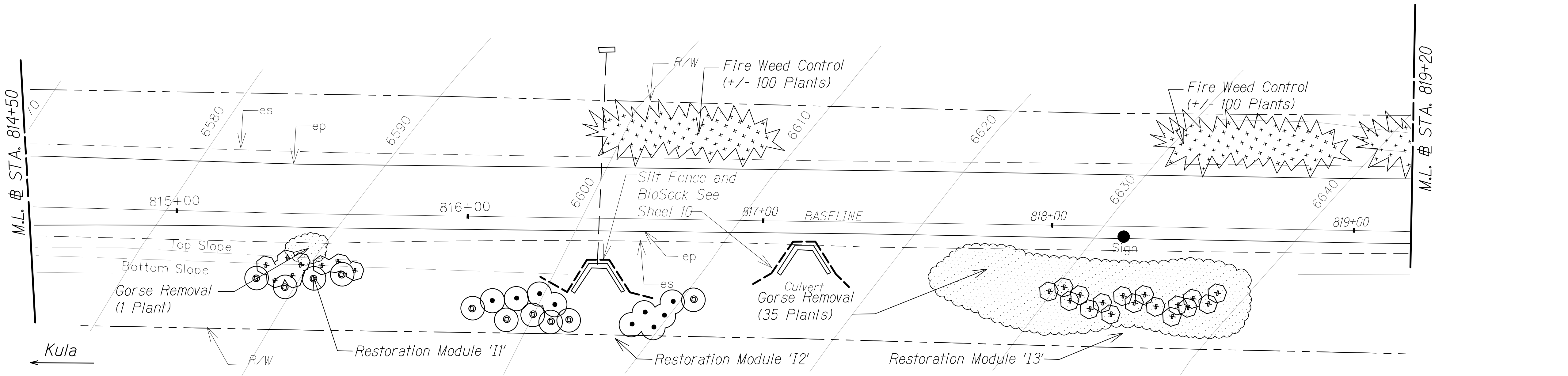
**HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION**

Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021

SHEET No. 15 OF 24 SHEETS

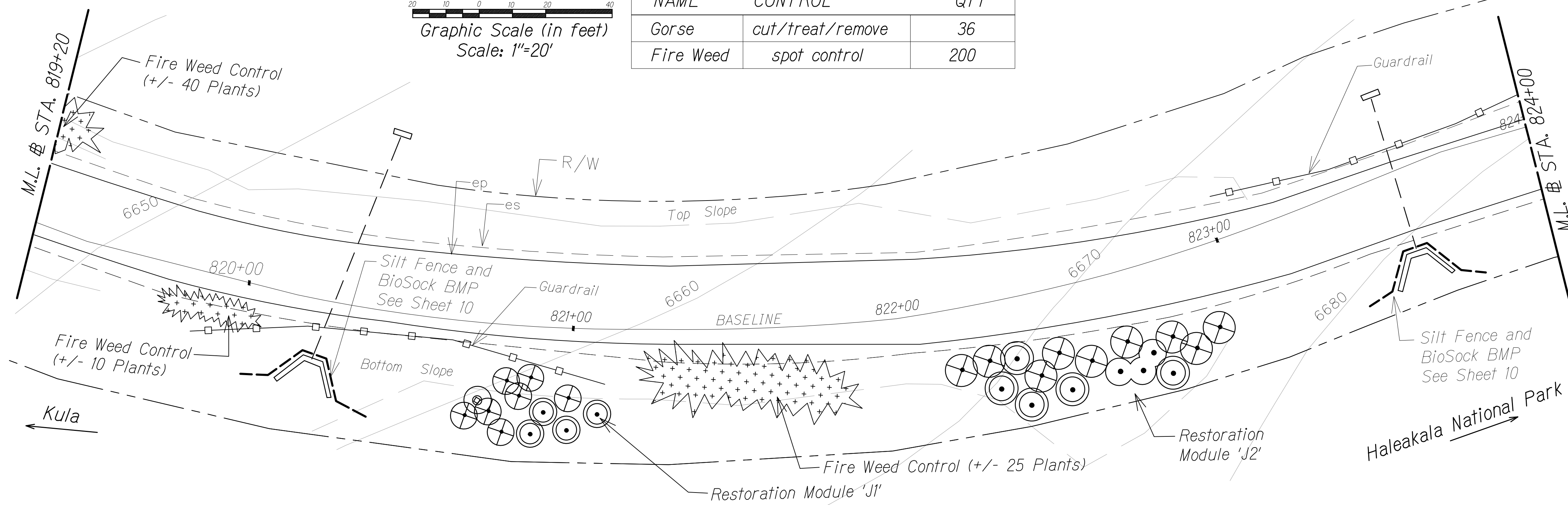
SYMBOL KEY

- Koa
- Mamane
- Aalii
- Ohia lehua
- Iliahi
- Gorse Area
- Fire Weed Area



INVASIVE PLANT REMOVAL-'I'

NAME	CONTROL	APPROX. QTY
Gorse	cut/treat/remove	36
Fire Weed	spot control	200



INVASIVE PLANT REMOVAL-'J'

NAME	CONTROL	APPROX. QTY
Fire Weed	spot control	75

NOTE:
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANTING MODULES I & J

HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION
Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021

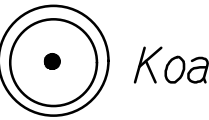
SHEET No. 16 OF 24 SHEETS

SURVEY PLOTTED BY	DATE
DESIGNED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

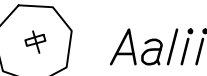
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	17	24

NOTE:
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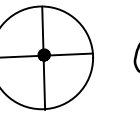
SYMBOL KEY



Koa



Aalii



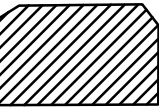
Ohia lehua



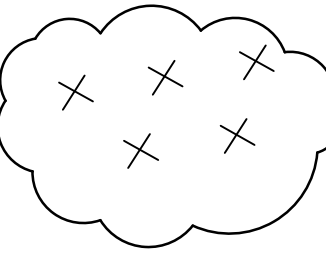
Gorse Area



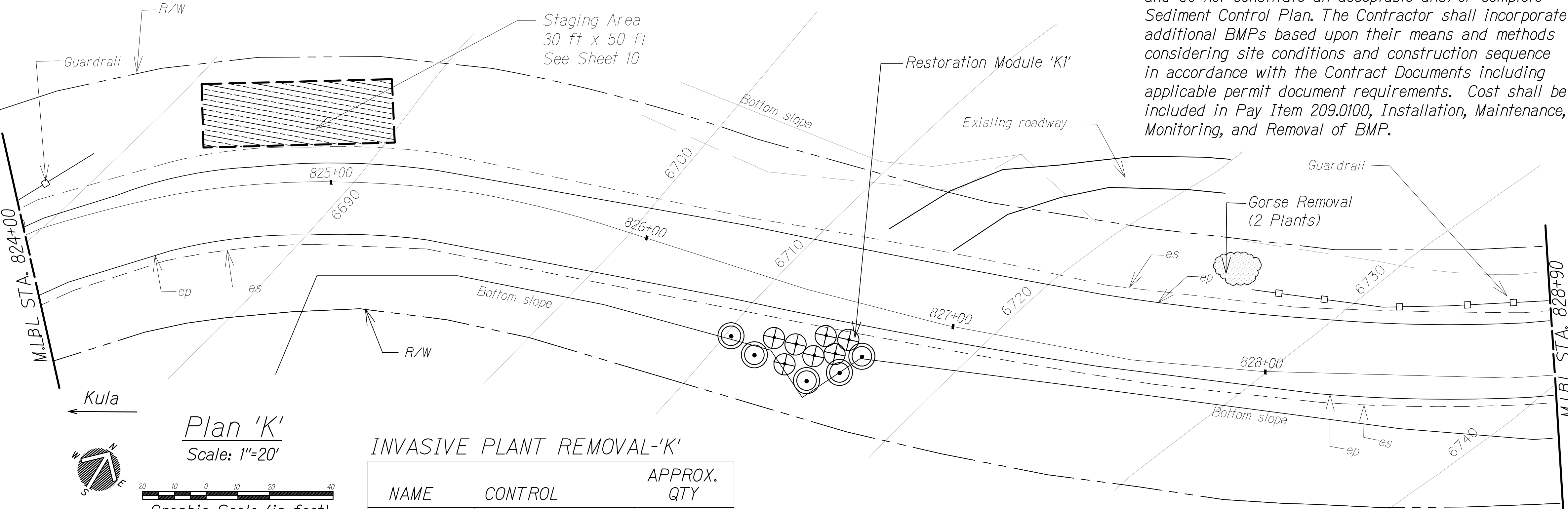
Fire Weed Area



Potential Staging Area



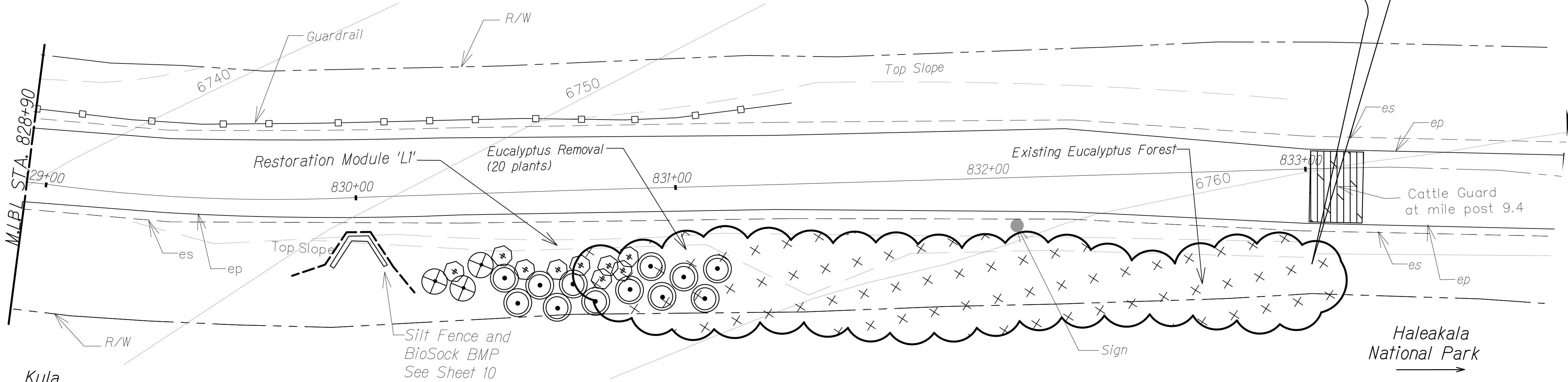
Eucalyptus area



INVASIVE PLANT REMOVAL-'K'

NAME	CONTROL	APPROX. QTY
Gorse	cut/treat/remove	2

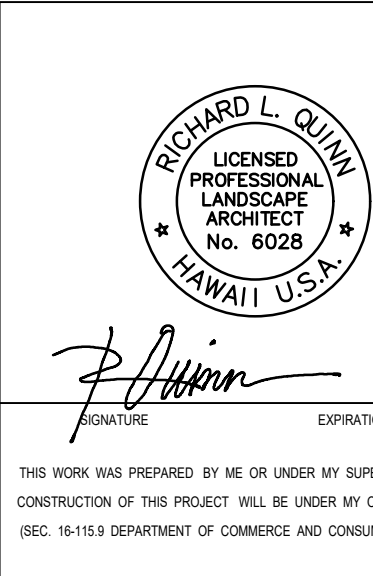
END PROJECT
Project No. STP-0378(004)
Sta. 833+80



Plan 'L'
Scale: 1"=20'

INVASIVE PLANT REMOVAL-'L'

NAME	CONTROL	APPROX. QTY
Eucalyptus	cut/treat/mulch	20



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANTING MODULES K & L

HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION
Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021