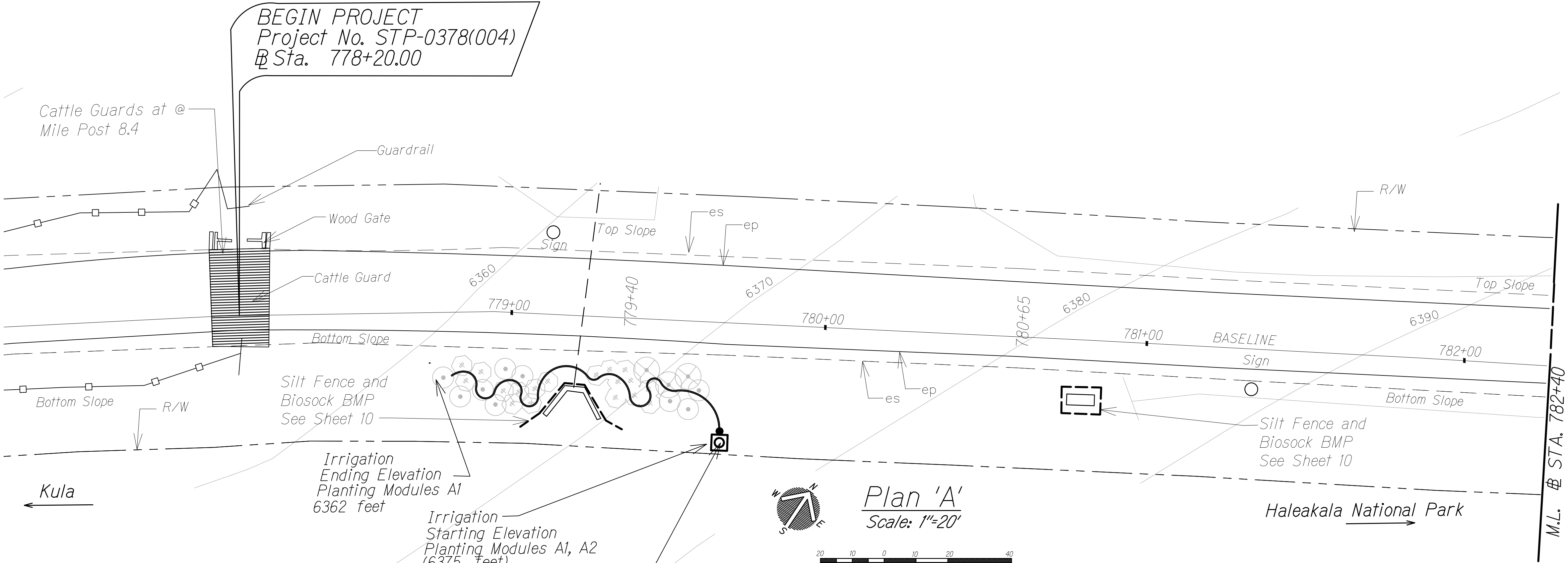
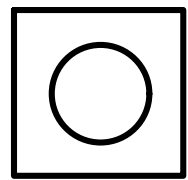


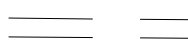
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	19	24



SYMBOL KEY



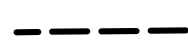
300 gal water tank



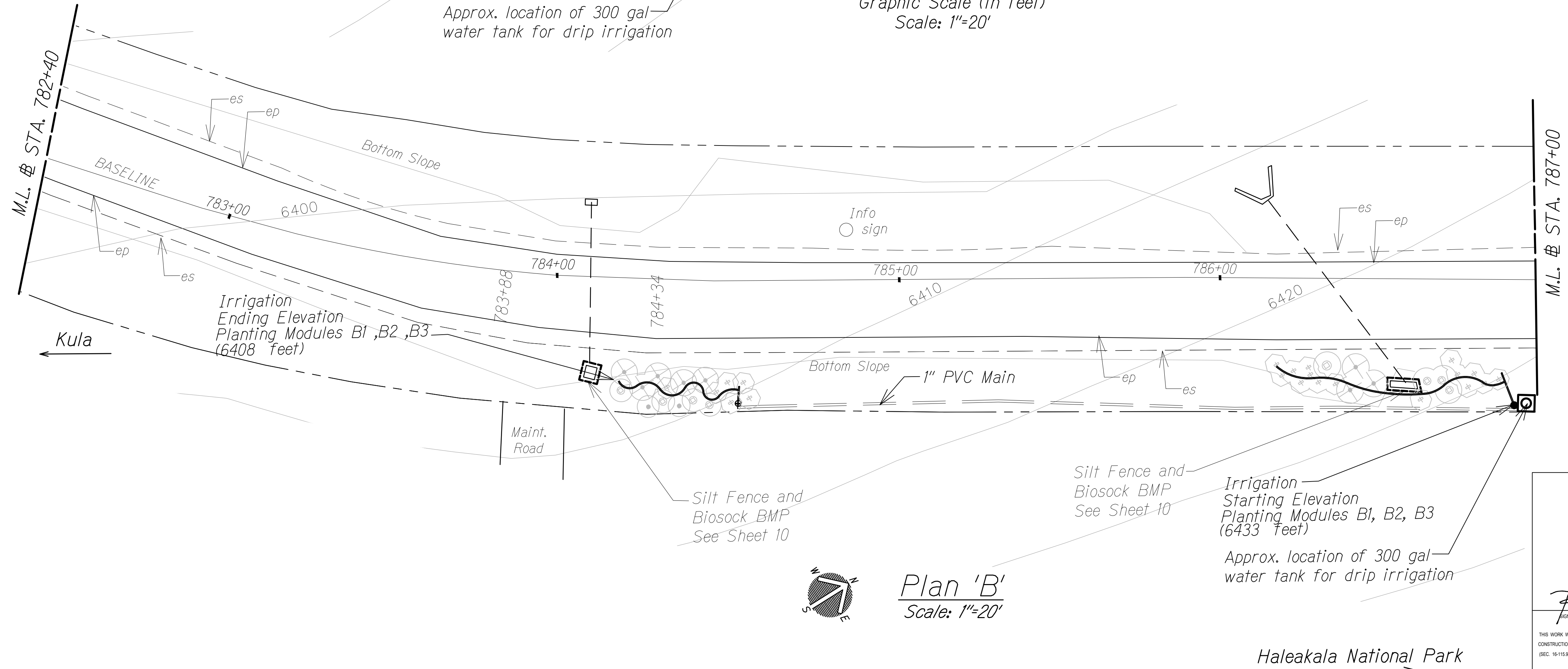
1" PVC Main



1/2" Polytubing



Silt fence and Biosock
BMP



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.

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

Signature: *[Signature]*
EXPIRATION OF LICENSE: 06/30/2024

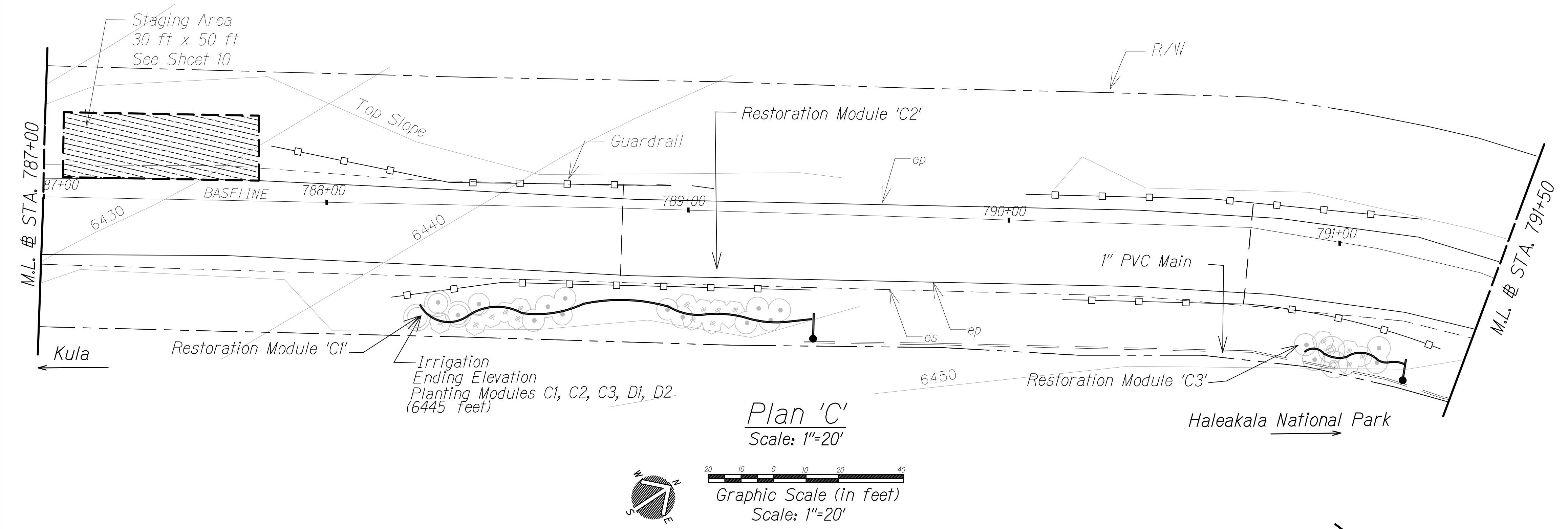
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.
(SEC. 16-116.5 DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION MODULES A & B

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	20	24



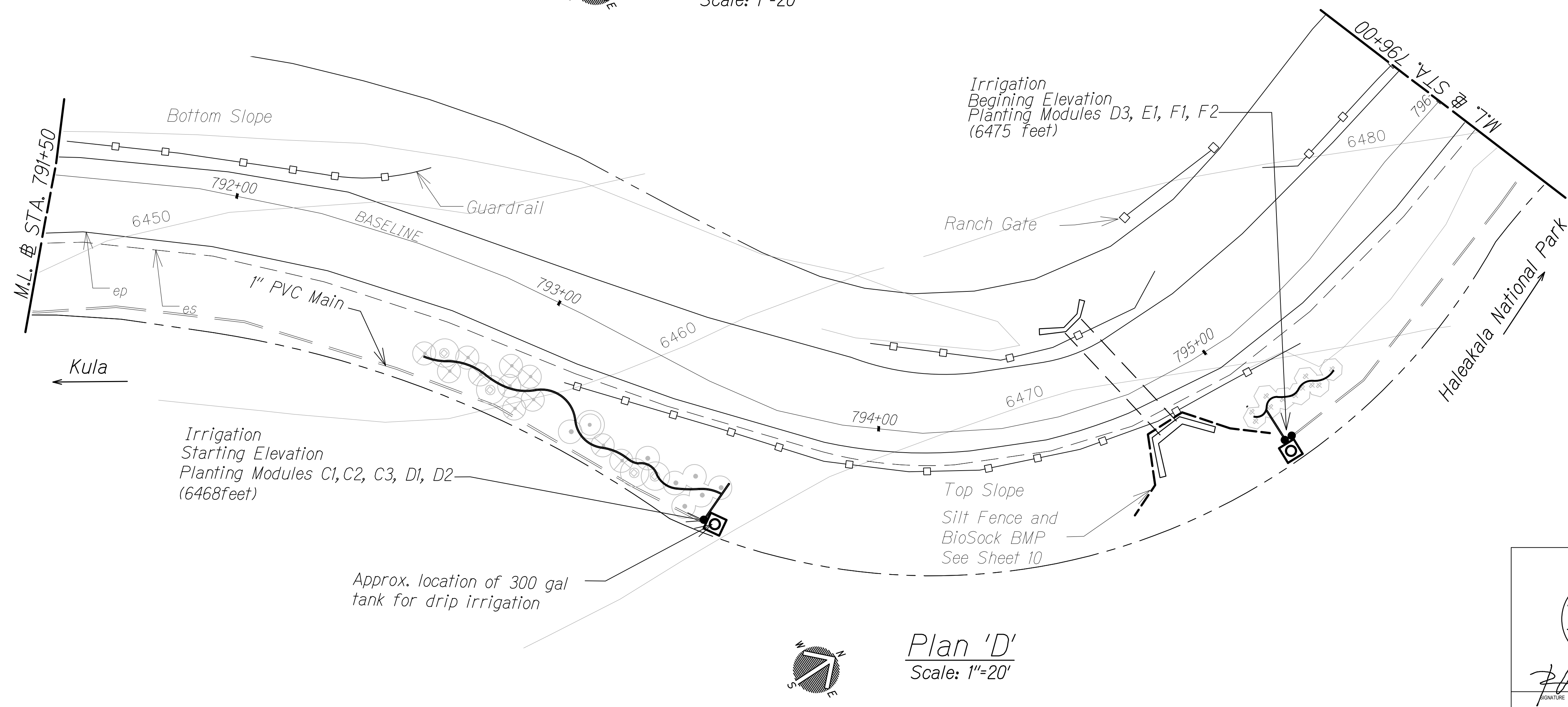
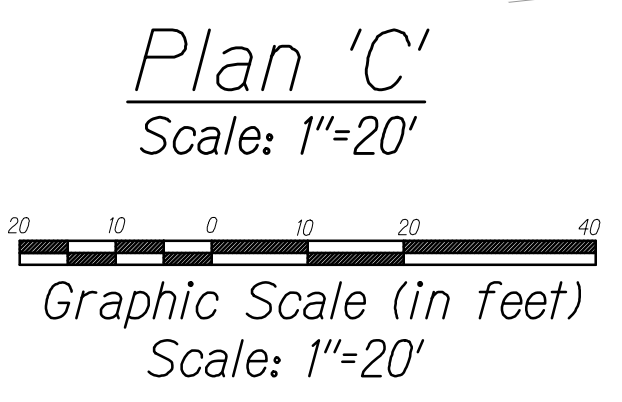
SYMBOL KEY

300 gal water tank

1" PVC Main

1/2" Polytubing

Silt fence and Biosock BMP



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.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

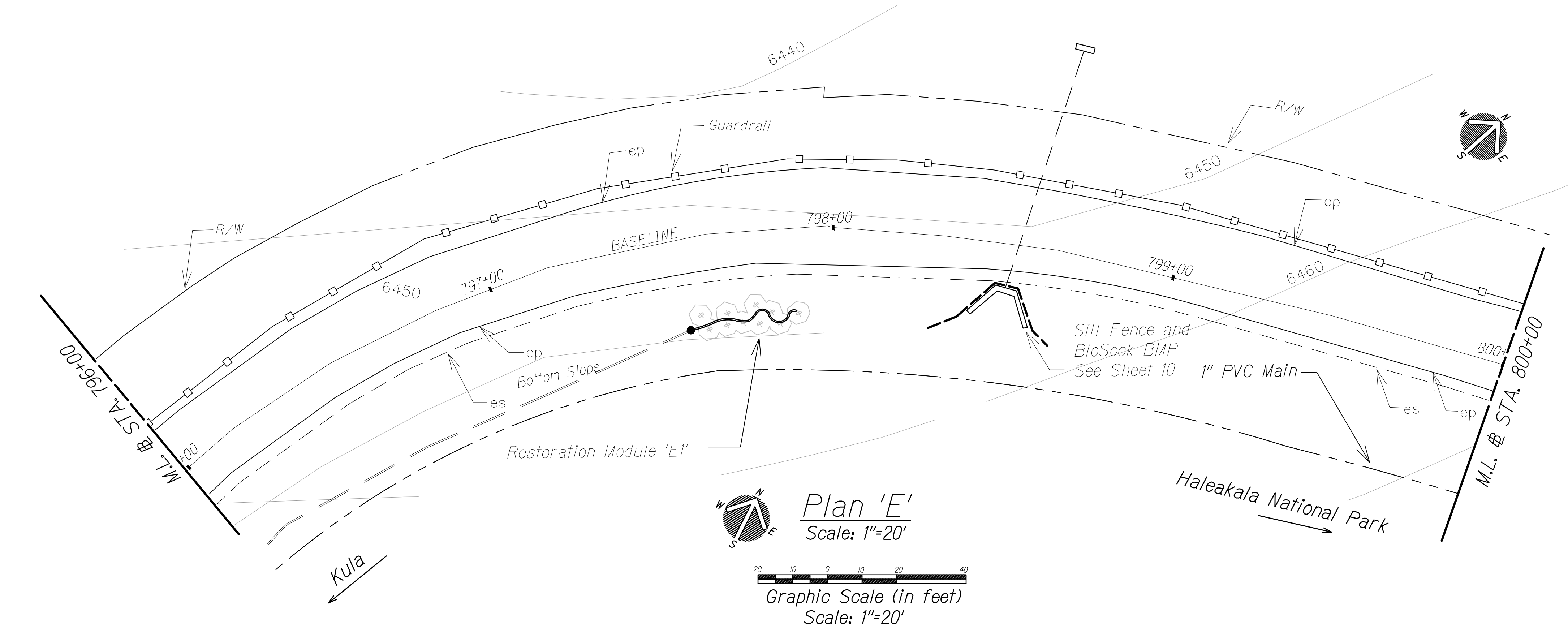
IRRIGATION MODULES C & D

HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION

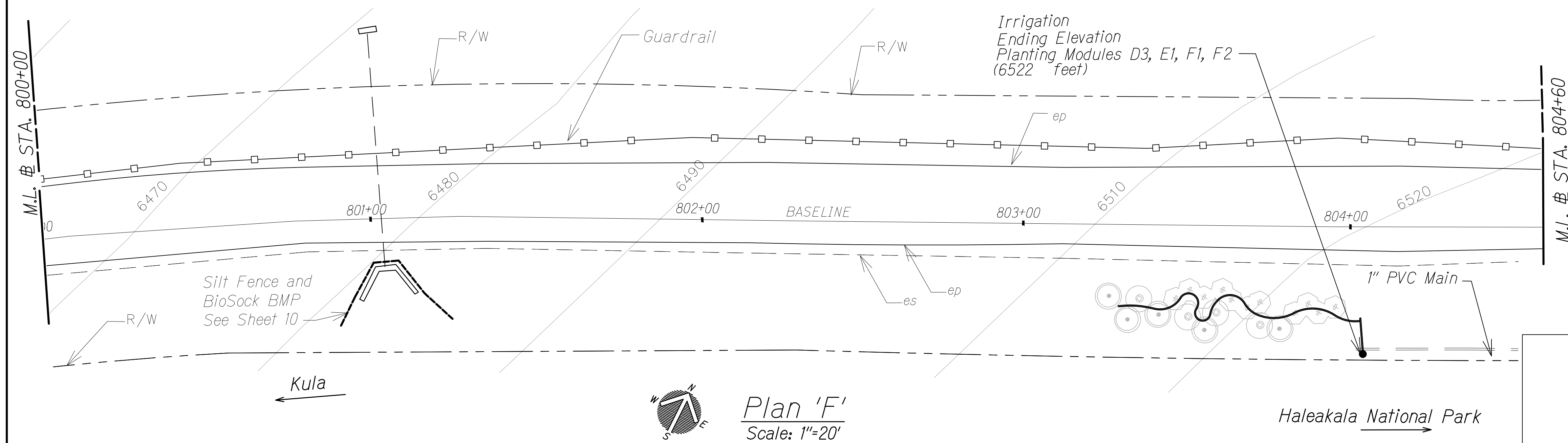
Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021

SHEET No. 20 OF 24 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	21	24



- SYMBOL KEY**
- 300 gal water tank
 - 1" PVC Main
 - 1/2" Poly tubing
 - Silt fence and Biosock BMP



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

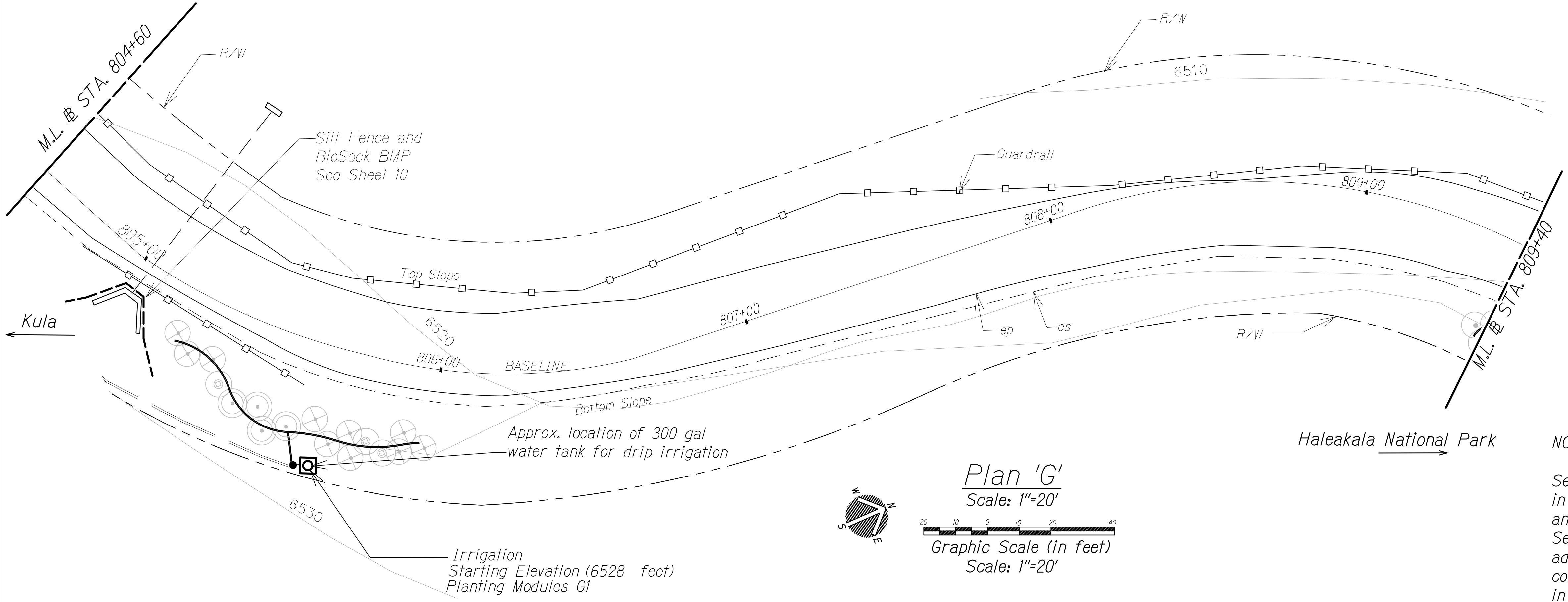
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION MODULES E & F

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

SHEET No. 21 OF 24 SHEETS

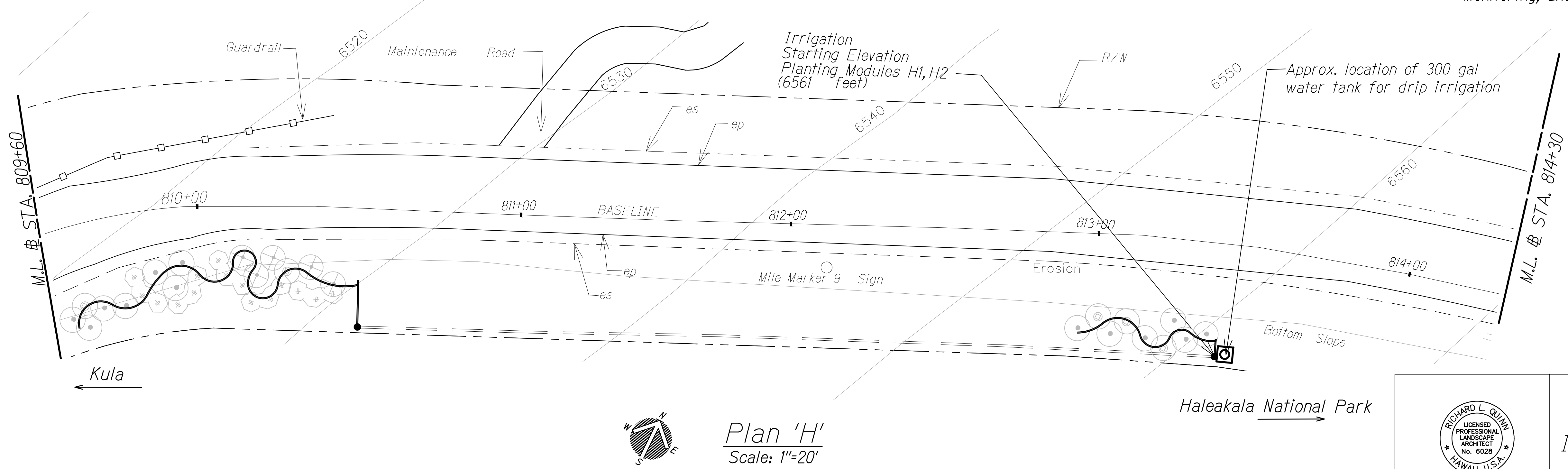
FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0378(004)	2022	22	24



SYMBOL KEY

- 300 gal water tank
- 1" PVC Main
- 1/2" Poly tubing
- Silt fence and Biosock BMP

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.



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION MODULES G & H

HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION

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

SHEET No. 22 OF 24 SHEETS

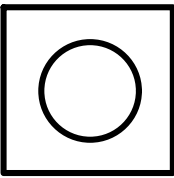
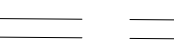
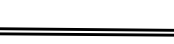
RICHARD L. QUINN
LICENSED PROFESSIONAL LANDSCAPE ARCHITECT
No. 6028
HAWAII U.S.A.

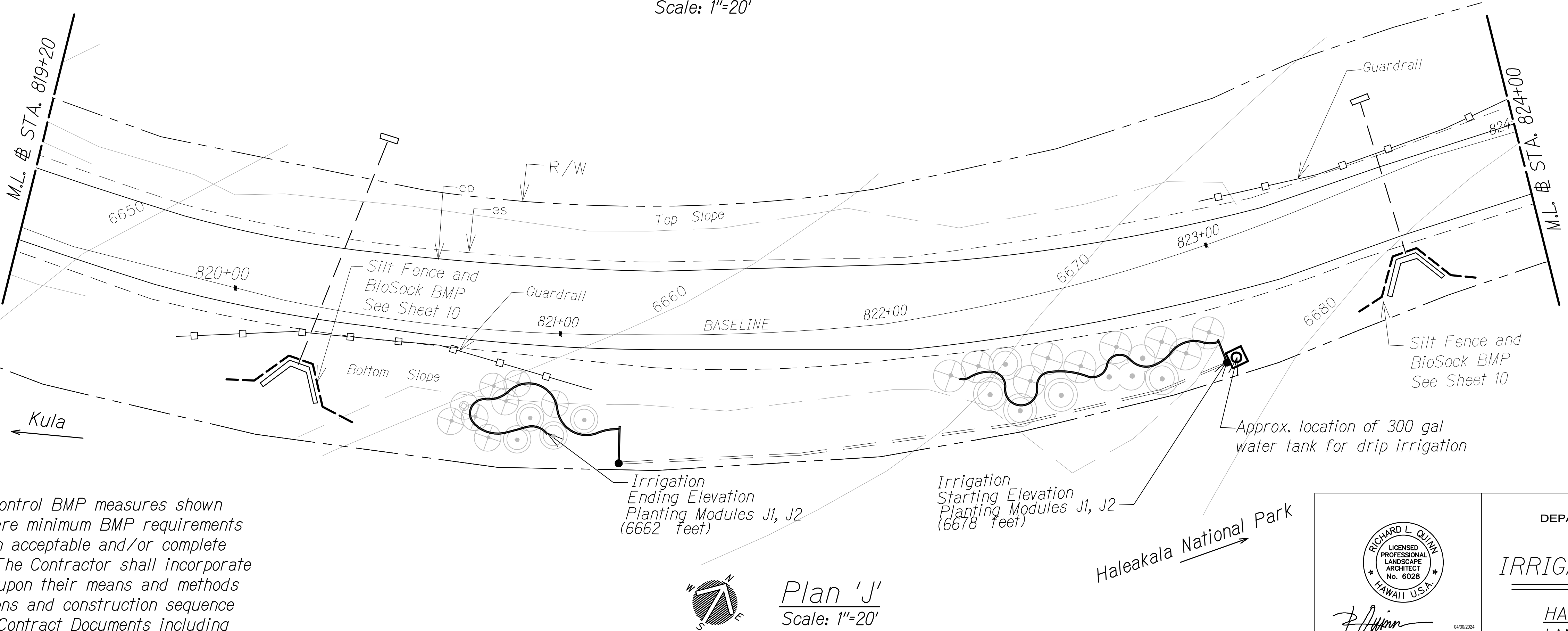
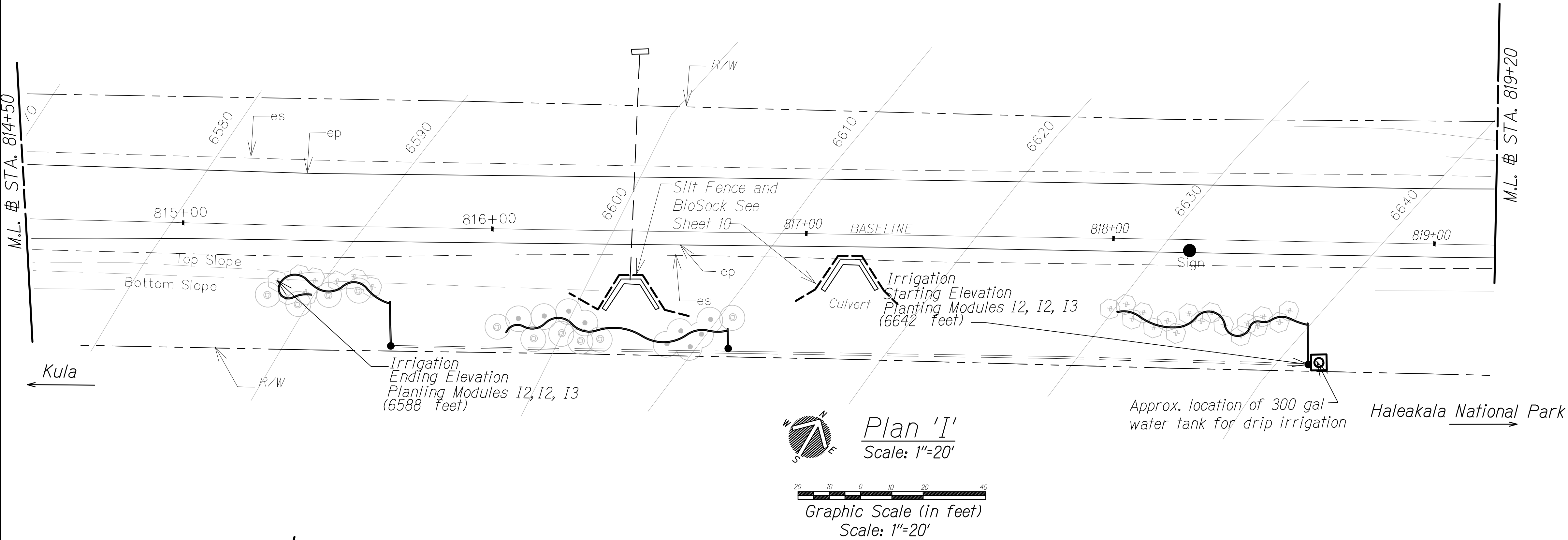
Signature: [Signature]
EXPIRATION OF LICENSE: 04/30/2024

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (SEC. 16-115.3 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	23	24

SYMBOL KEY

-  300 gal water tank
-  1" PVC Main
-  1/2" Polytubing
-  Silt fence and Biosock BMP



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



Richard L. Quinn
LICENSED PROFESSIONAL LANDSCAPE ARCHITECT
No. 6028
HAWAII U.S.A.

Signature: *[Signature]*
EXPIRATION OF LICENSE: 04/30/2024

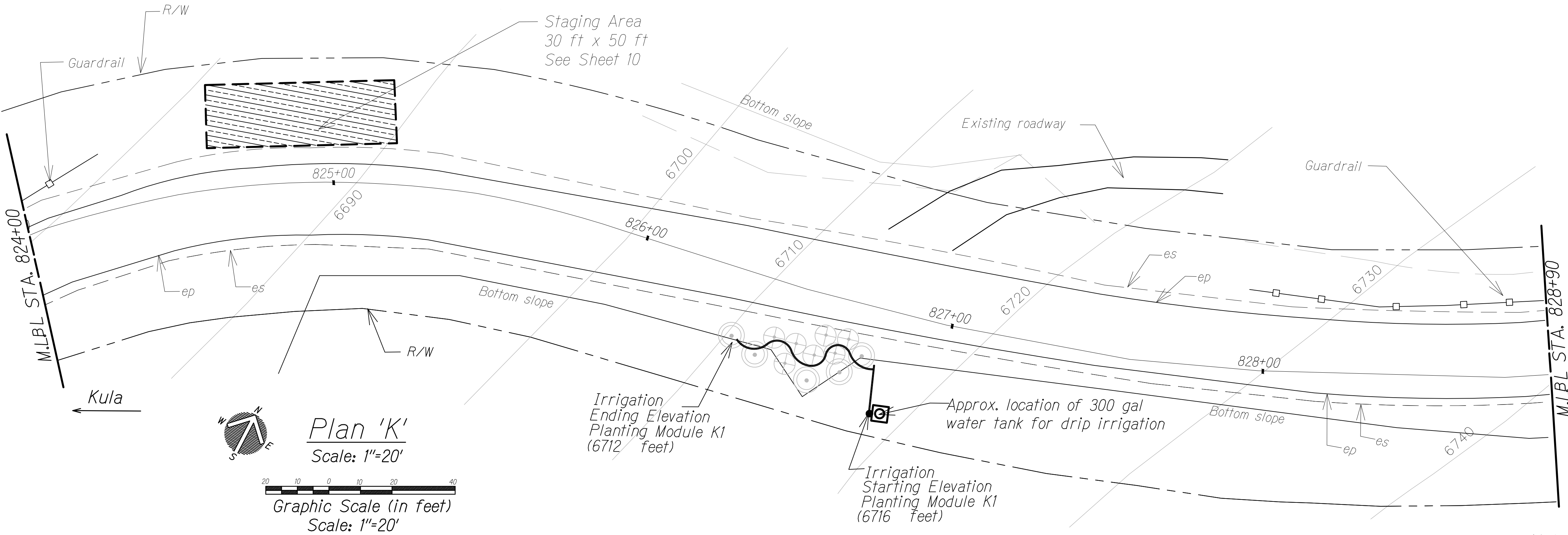
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (REC. 16-1153 DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION MODULES I & J

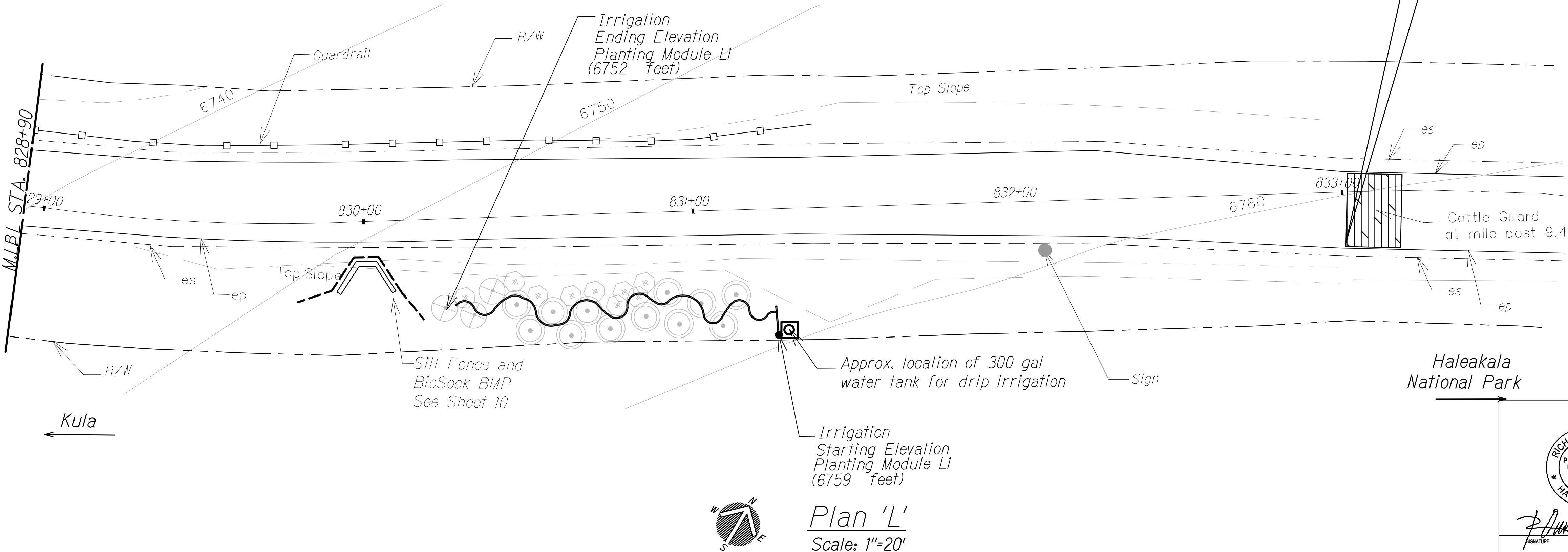
HALEAKALA CRATER ROAD
LANDSCAPE RESTORATION
Federal-Aid Project No. STP-0378(004)
Scale: As Noted Date: Aug. 2021

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



SYMBOL KEY

- 300 gal water tank
- 1" PVC Main
- 1/2" Polytubing
- Silt fence and Biosock BMP



NOTE:
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ORIGINAL SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

IRRIGATION MODULES K & L

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

SHEET No. 24 OF 24 SHEETS