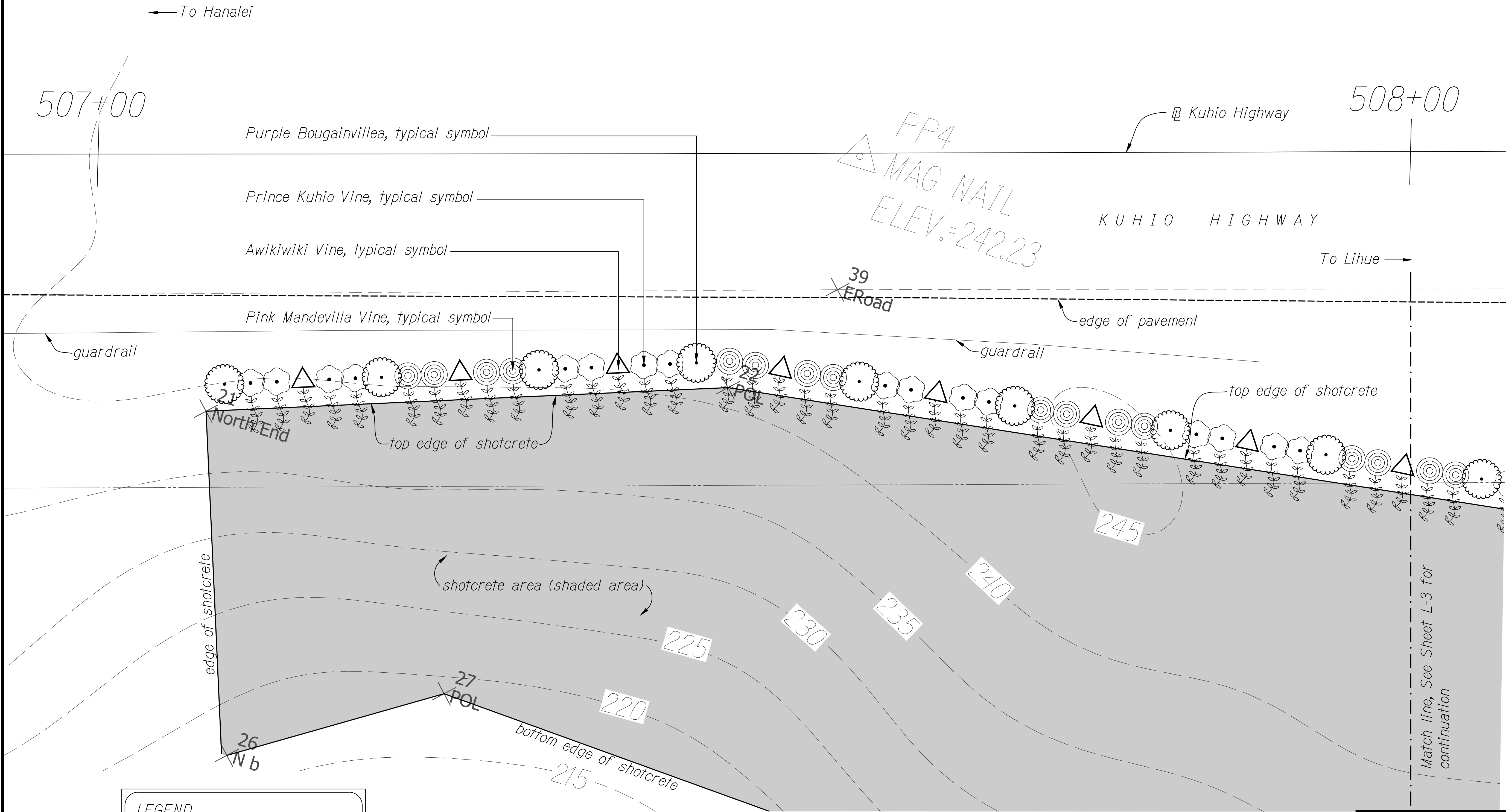


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(003)	2023	97	100



LEGEND

- Purple Bougainvillea
- Awikiwiki Vine
- Prince Kuhio Vine
- Pink Mandevilla Vine

ENLARGED PLANTING PLAN (STA. 507+08 - 508+00)
SCALE: 1/4" = 1'-0"

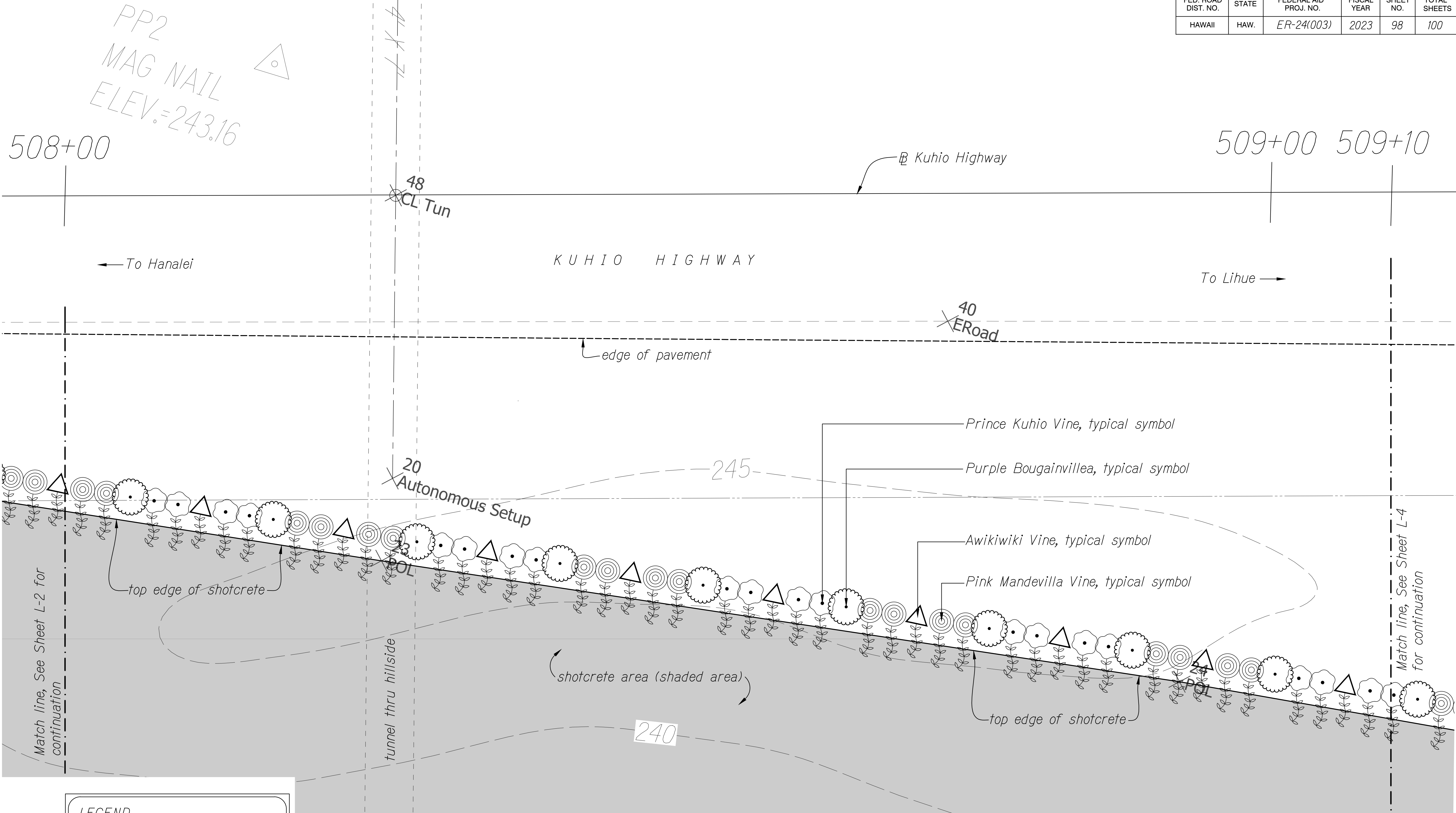


SIGNATURE: *Michelle R. Nagafuchi* 4/30/2024
EXP. DATE OF LICENSE: _____
This work was prepared by me or under my supervision.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ENLARGED PLANTING PLAN
STA. 507+08 - 508+00
KUHIO HIGHWAY
Emergency Slope Stabilization
for Hanalei Hills and Waikoko
F.A.P. Project No. ER-24(003)
Scale: As Noted Date: Sept. 2022
SHEET No. L-2 OF 5 SHEETS

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

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(003)	2023	98	100



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

LEGEND

- Purple Bougainvillea
- Awikiwiki Vine
- Prince Kuhio Vine
- Pink Mandevilla Vine

ENLARGED PLANTING PLAN (STA. 508+00 - 509+10)
SCALE: 1/4" = 1'-0"



Michelle R. Nagafuchi
SIGNATURE
4/30/2024
EXP. DATE OF LICENSE

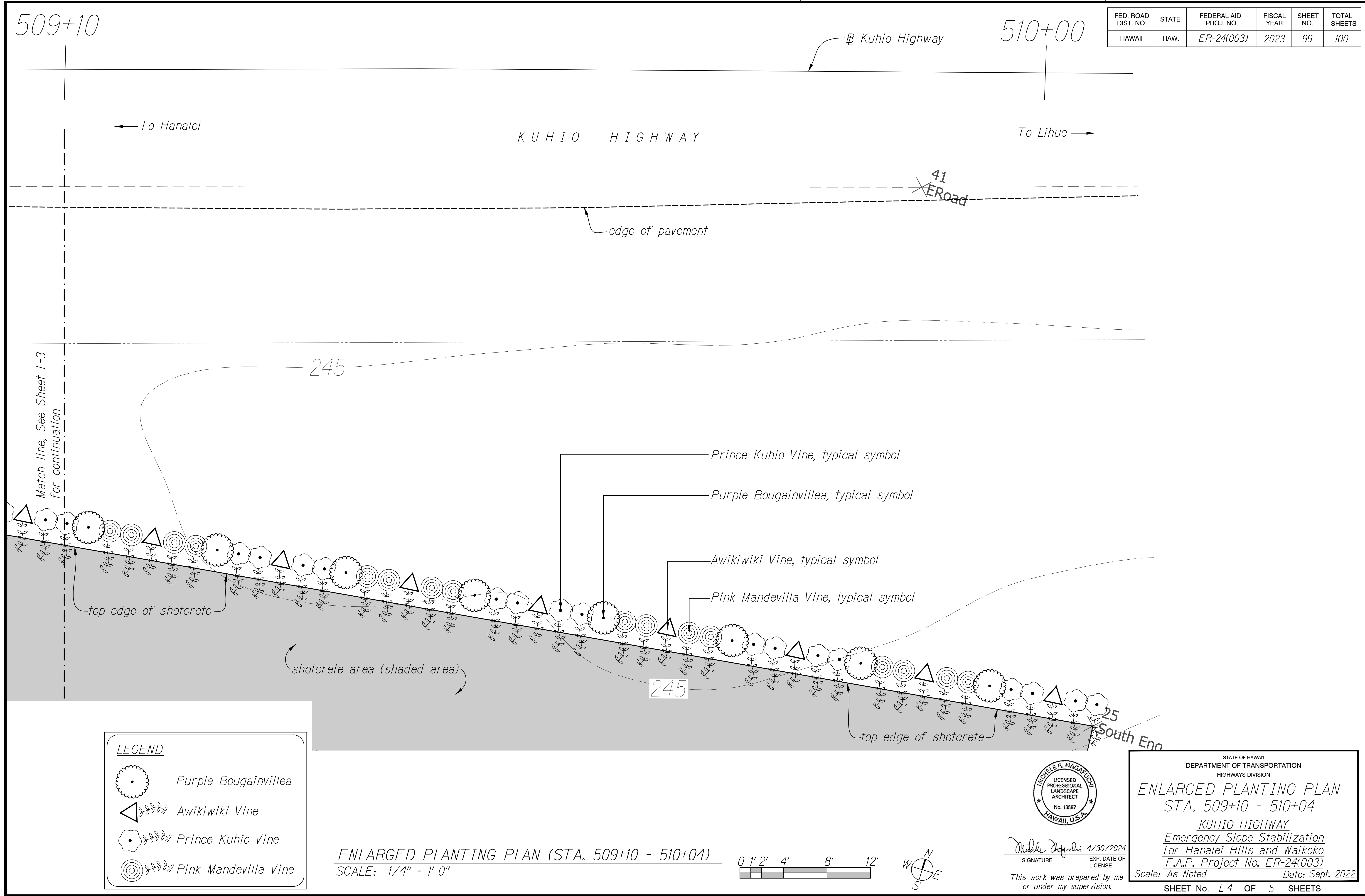
This work was prepared by me or under my supervision.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ENLARGED PLANTING PLAN
STA. 508+00 - 509+10
KUHIO HIGHWAY
Emergency Slope Stabilization
for Hanalei Hills and Waikoko
F.A.P. Project No. ER-24(003)

Scale: As Noted Date: Sept. 2022

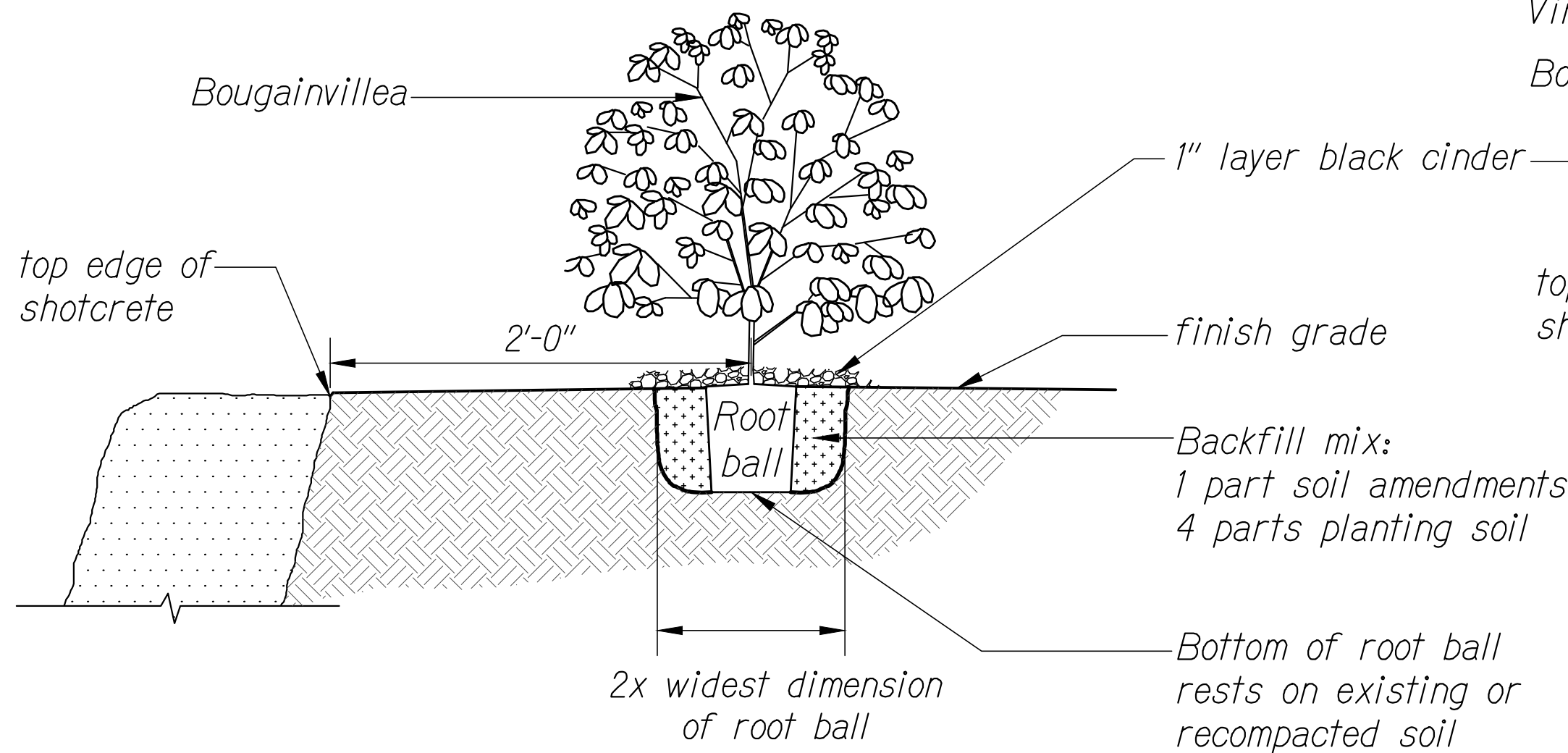
SHEET No. L-3 OF 5 SHEETS



FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-24(003)	2023	100	100

Notes:

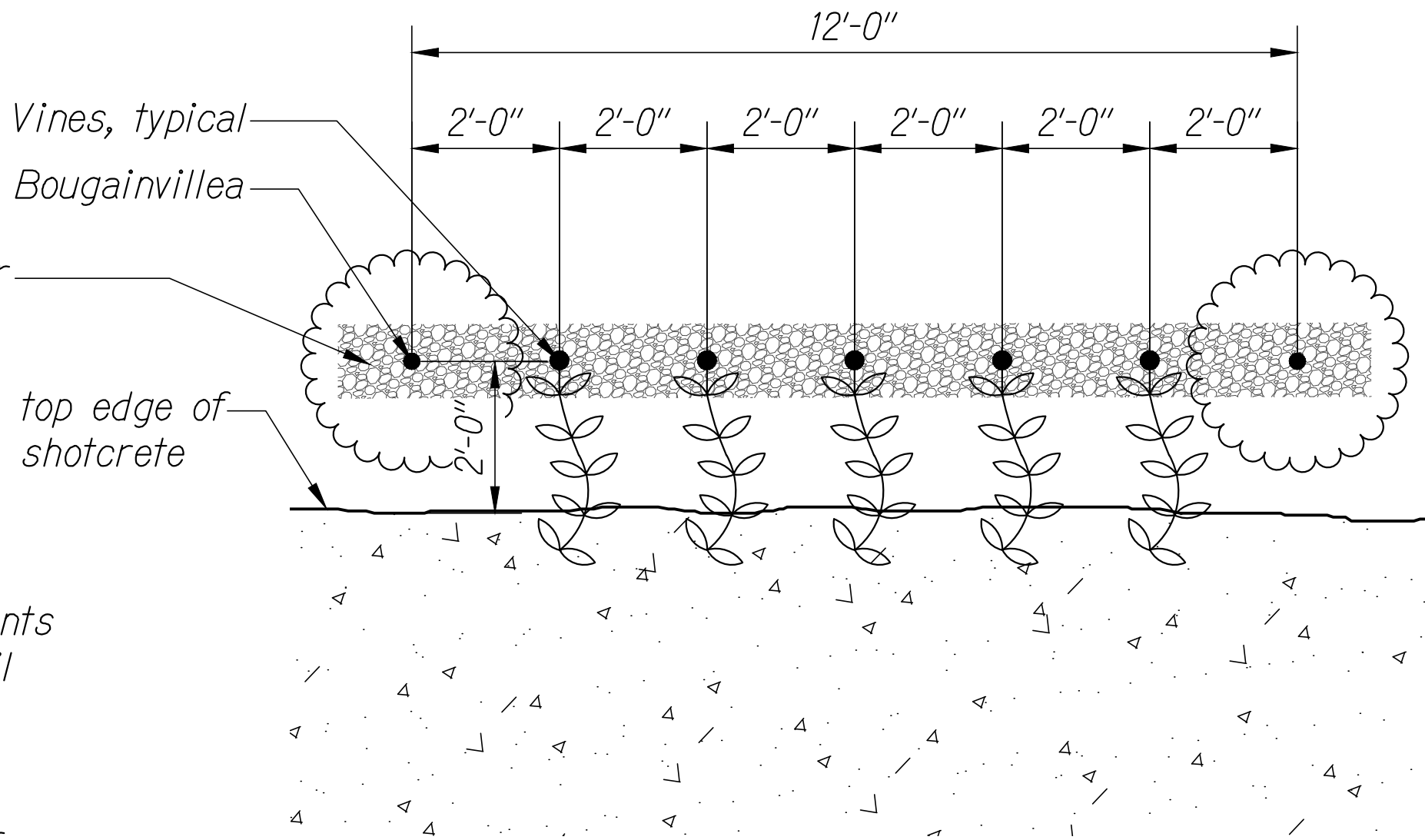
- Top of root ball to be set at one-quarter inch above finish grade.
- Prior to adding black cinder, lightly tamp soil around the root ball to brace shrub. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.



① PLANTING DETAIL (1 GALLON SHRUB/VINE)
SCALE: 1-1/2" = 1'-0"

Notes:

- Plant center of each vine 2'-0" from edge of shotcrete.
- Space all vines 2'-0" away from each other, in a single row. Top dress planting bed (minimum 1'-0" wide) with black cinder.



② VINE SPACING DETAIL
SCALE: 1/2" = 1'-0"

PLANT NOTES:

- Contractor shall be responsible for locating and protecting existing utilities.
- Notify engineer of any discrepancies in plant locations due to actual field conditions.
- Contractor shall be solely responsible for the complete removal and damages resulting from planting any plant species listed on the Hawaii Department of Agriculture 'Noxious Weed Rules' as defined in Hawaii Administrative Rules, Title 4, Chapter 68, or on the United States Department of Agriculture 'Federal Noxious Weed List'.
- If an archaeological site is found, see Historical Preservation Note 1 on Sheet N-3.

TEMPORARY IRRIGATION NOTES:

- Avoid any conflict between underground utilities, structures and plantings. the contractor shall be responsible for locating and protecting all existing utilities.
- If an archaeological site is found, see Historical Preservation Note 1 on Sheet N-3.
- Contractor shall secure all necessary permits and observe all local codes and regulations.
- Contractor shall coordinate the installation of all sleeves, conduits, mainlines and laterals under pavement and through walls.
- Install all sprinkler heads minimum 6" away from sidewalks, curbs, driveways, pavement and walls unless otherwise noted.
- Adjust all sprinkler heads and flow control for maximum coverage and minimum overthrow and misting.
- Within 30 calendar days after notice to proceed of the contract, submit for the Engineer's acceptance, detailed scaled Plans showing the irrigation point of connection, mainline routing, valve locations, timer locations, and wiring diagrams for the temporary irrigation system.
- Group valve boxes so that the outer edges are no closer than five feet to roadway pavement. Group valve boxes as feasible.

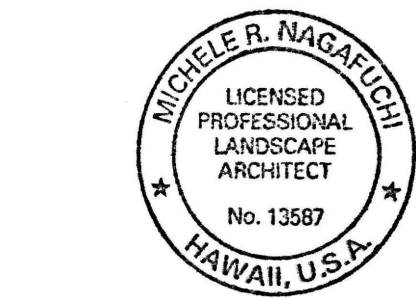
PLANT LIST

Symbol	Quantity	Common Name	Botanical Name	Size	Description
	25 each	Purple Bougainvillea	Bougainvillea spectabilis	1 gallon can	12" height, 18" spread
	25 each	Awikiwiki Vine	Canavalia hawaiiensis	4" pots	12" lengths
	52 each	Prince Kuhio Vine	Ipomoea horsfalliae	4" pots	12" lengths
	48 each	Pink Mandevilla Vine	Mandevilla x amabilis	4" pots	12" lengths

Other Items:

	1 cubic yard	Soil Amendments (Menehune Magic Soil Conditioner Compost 100% Organic, or approved equal)	1" layer	Install over all new planting areas and till to a 4" depth
	1 cubic yard	Black Cinder	1" layer	Install over all new planting areas as a top dress
	3 months	Plant Maintenance Period	See specifications	
	lump sum	Temporary Irrigation	For the duration of the Plant Maintenance Period	

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



Michelle R. Nagafuchi
SIGNATURE
EXP. DATE OF LICENSE

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STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION PLANT LIST, NOTES & DETAILS KUHIO HIGHWAY Emergency Slope Stabilization for Hanalei Hills and Waikoko F.A.P. Project No. ER-24(003) Scale: As Noted Date: Sept. 2022

SHEET No. L-5 OF 5 SHEETS