

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	134	223

GENERAL NOTES

1. The Contractor shall be responsible for verifying quantities, measurements and site conditions, including locating existing utilities and marking them or their alignment to prevent damage to them.
2. The Contractor, if ordered by the Engineer, shall stockpile suitable, existing topsoil (selected material), to be used following grading operations, on perimeter landscape areas adjacent to the edge of shoulders, or as ordered by the Engineer.
3. The Contractor, if ordered by the Engineer, shall reduce to chips, existing trees to be removed, and distribute chips as ordered by the Engineer.
4. The Contractor shall flag or mark trees to be transplanted, stake locations where each tree is to be planted and get approval from the Engineer before starting any excavation.
5. Upon receiving written notice from the Engineer, the Contractor shall proceed immediately with work necessary to prepare the planting areas.
6. Tree planting-trench and planting-hole locations shall be staked and approved by the Engineer before starting any excavation. A typical trench and hole shall be excavated and approved by the Engineer before Contractor proceeds with remaining excavation.
7. Tree transplanting/planting will be allowed only after locations, trenches, holes and proper "facing" have been approved by the Engineer.
8. Tree transplanting/planting operations shall be done by a licensed contractor and experienced workmen, and as necessary, under the orders of the Engineer.
9. Imported planting soil and any stockpiled existing soil (selected material) shall be distributed in accordance with plans, specifications and as ordered by the Engineer.
10. Grassed surfacing shall be applied by hydro-mulching, to areas designated on plans or as ordered by the Engineer.
11. The Contractor shall provide adequate, effective, efficient watering to planted areas in accordance with specifications and as ordered by the Engineer.
12. The Contractor shall comply with the latest Dept. of Transportation, Standard Specifications For Road And Bridge Construction, As Amended; especially the following sections: 201 - Clearing & Grubbing, 617 - Planting Soil, 618 - Grassed Surfaces, 619 - Planting & Transplanting and 641 - Hydro-Mulch Seeding.

PLANT LIST			
	QUANTITY	COMMON & BOTANIC NAME	SIZE IN PLACE
PLANT	270	BE STILL • THEVETIA PERUVIANA	6' HT., 4' SPD, 1½" DIA
	86	PAPERBARK • MELALEUCA LEUCA-DENDRON	6' HT., 4' SPD, 1½" DIA
TRANSPLANT	17	FORMOSA KOA • ACACIA CONFUSA	SEE PLAN SHT. NOS. 137-139 FOR LOCATIONS & SIZE
REMOVE	41-44	BE STILL • THEVETIA PERUVIANA	SEE PLAN SHT. NOS. 136-138 FOR LOCATIONS & SIZE
	3	FORMOSA KOA • ACACIA CONFUSA	SEE PLAN SHT. NO. 138 FOR LOCATIONS & SIZE

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DESIGNED BY	
IN 1/2"=100'	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LANDSCAPING
TYPICAL DETAILS

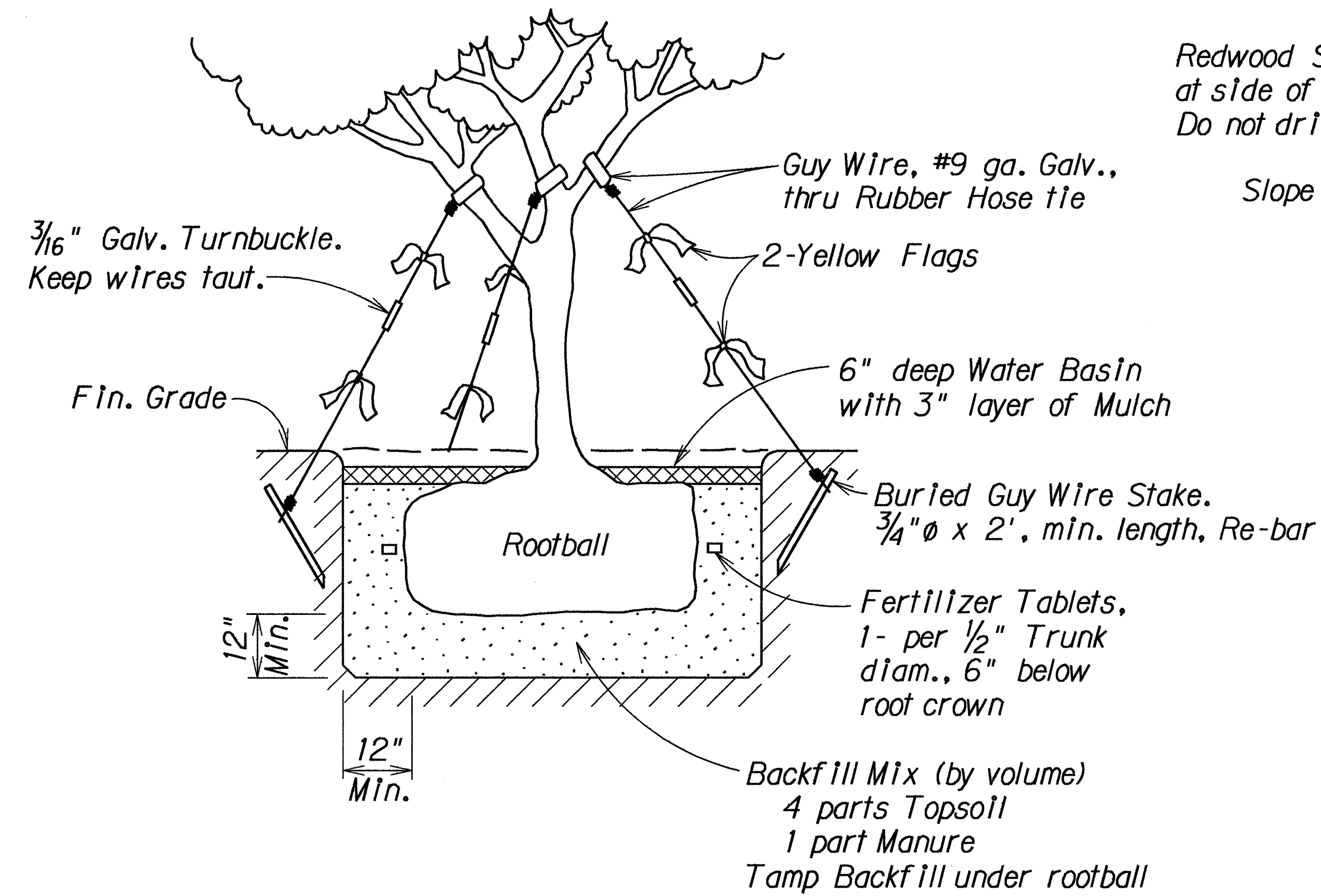
INTERSTATE RTE. H-2, HOV LANES, PH. II
Mililani Interchange to Waipio Interchange
F.A.I. PROJECT NO. IR-H2-1(27)

Date: Apr 11, 1992

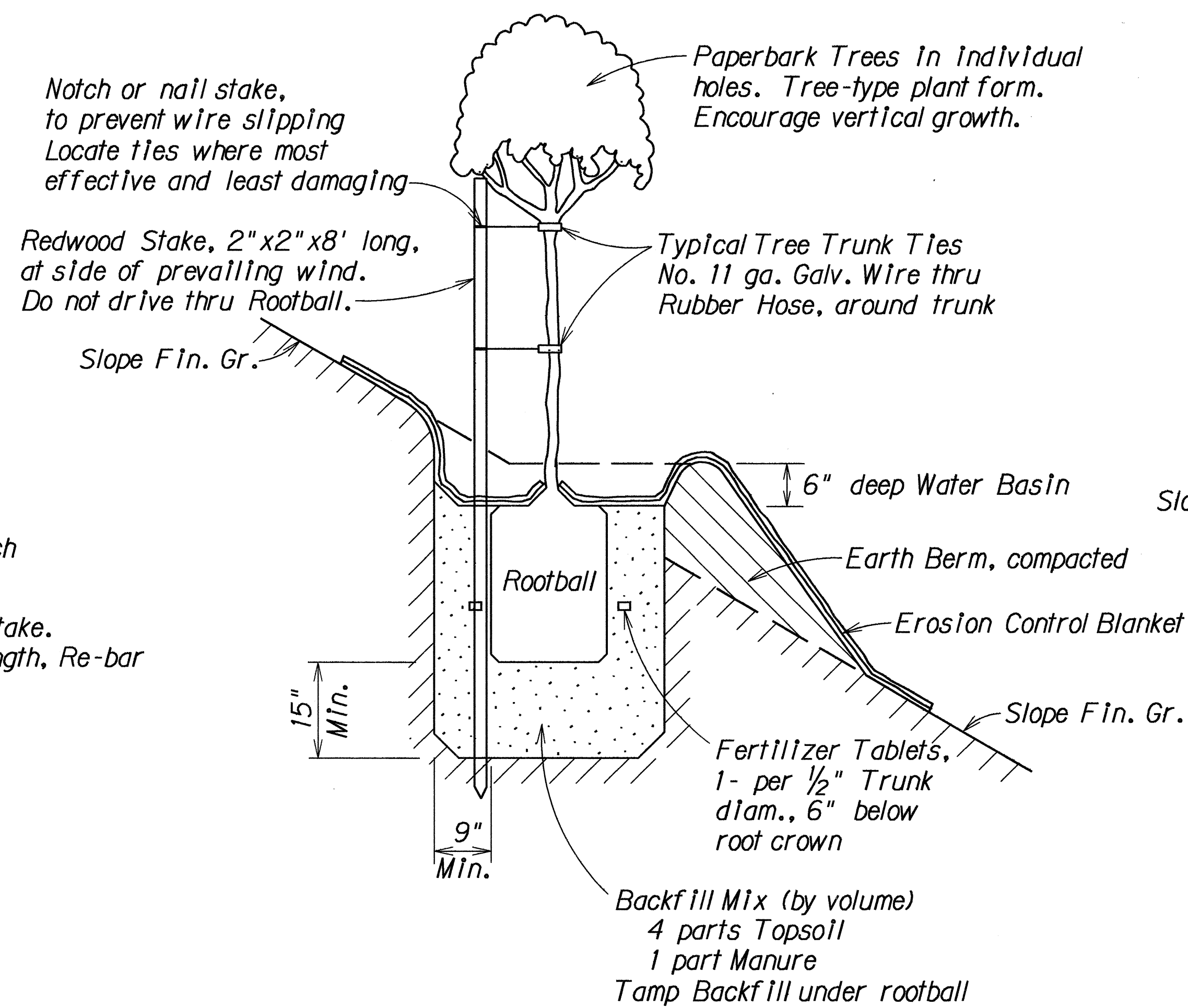
SHEET No. 11 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	135	223

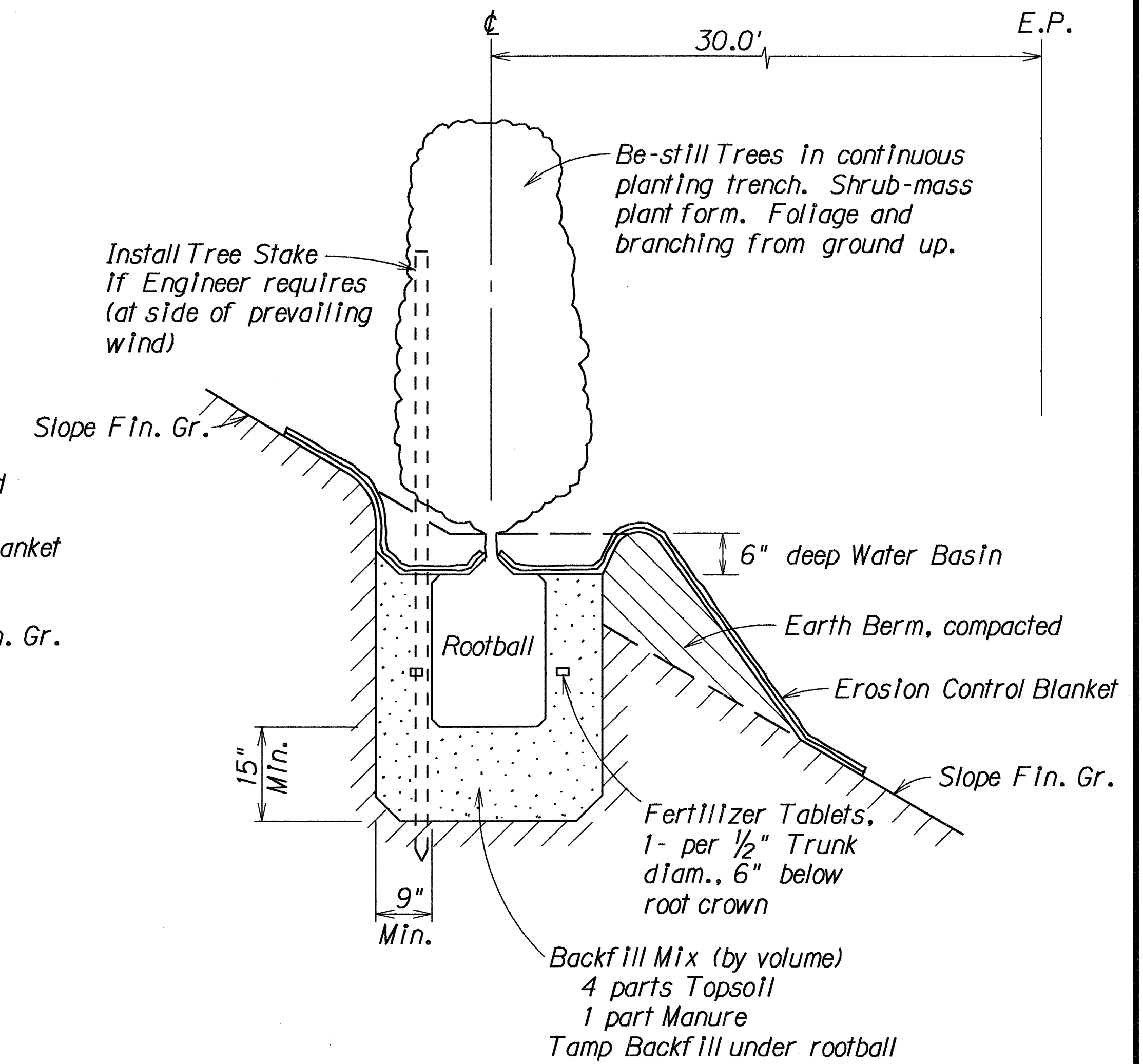
Formosa Koa Trees transplanted from on-site. Pruning and relocation shall be done by Licensed Contractor, experienced workmen and under the supervision of the Engineer.



TREE TRANSPLANTING DETAIL (A)
FORMOSA KOA TREES
Not to Scale



TREE PLANTING DETAIL (B)
PAPERBARK TREES
Not to Scale



TREE PLANTING DETAIL (C)
BE-STILL TREES
IN CONTINUOUS PLANTING TRENCH
Not to Scale

ORIGINAL PLAN	DATE
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NOTED BY	
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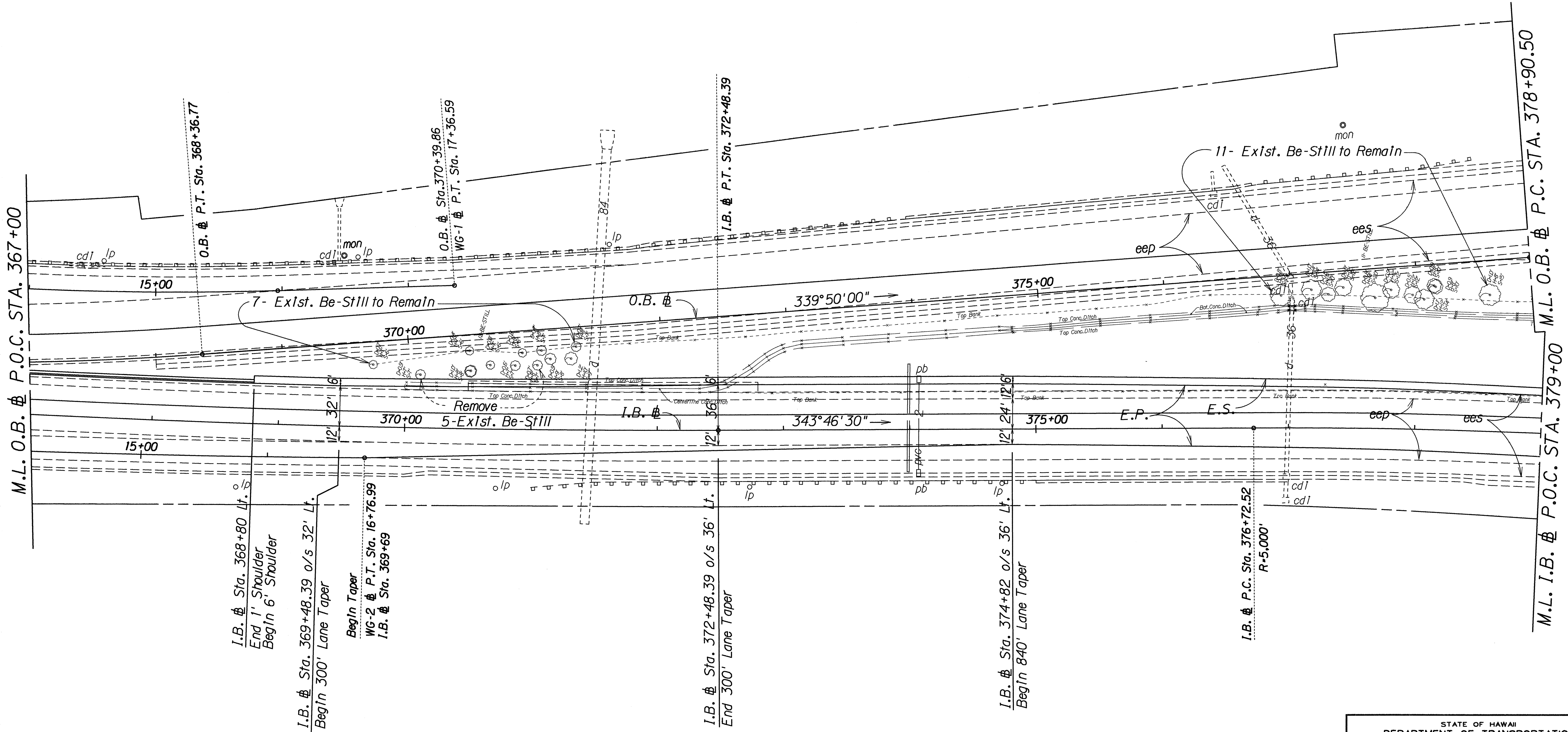
INTERSTATE RTE. H-2, HOV LANES, PH. II
Mililani Interchange to Waipio Interchange
F.A.T. PROJECT NO. IR-H2-1(27)

Scale: As Shown Date: April 11, 1992

SHEET No. 12 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	136	223

TRUE NORTH
SCALE: 1" = 40'



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LANDSCAPING PLAN

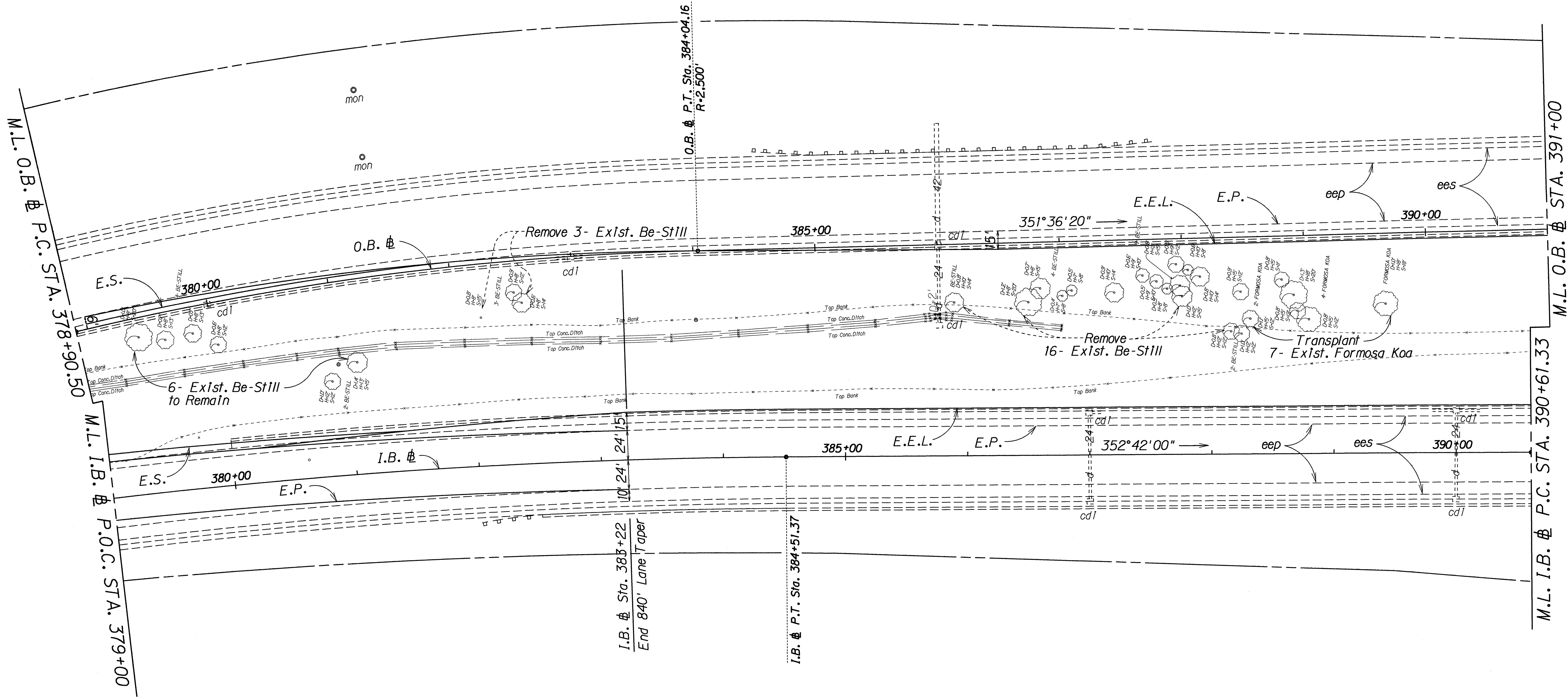
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Milioli Interchange to Waipio Interchange
F.A.I. PROJECT NO. IR-H2-1(27)

Scale: 1" = 40' Date: Apr 11, 1992

SHEET No. L3 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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TRUE NORTH
SCALE: 1" = 40'



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LANDSCAPING PLAN

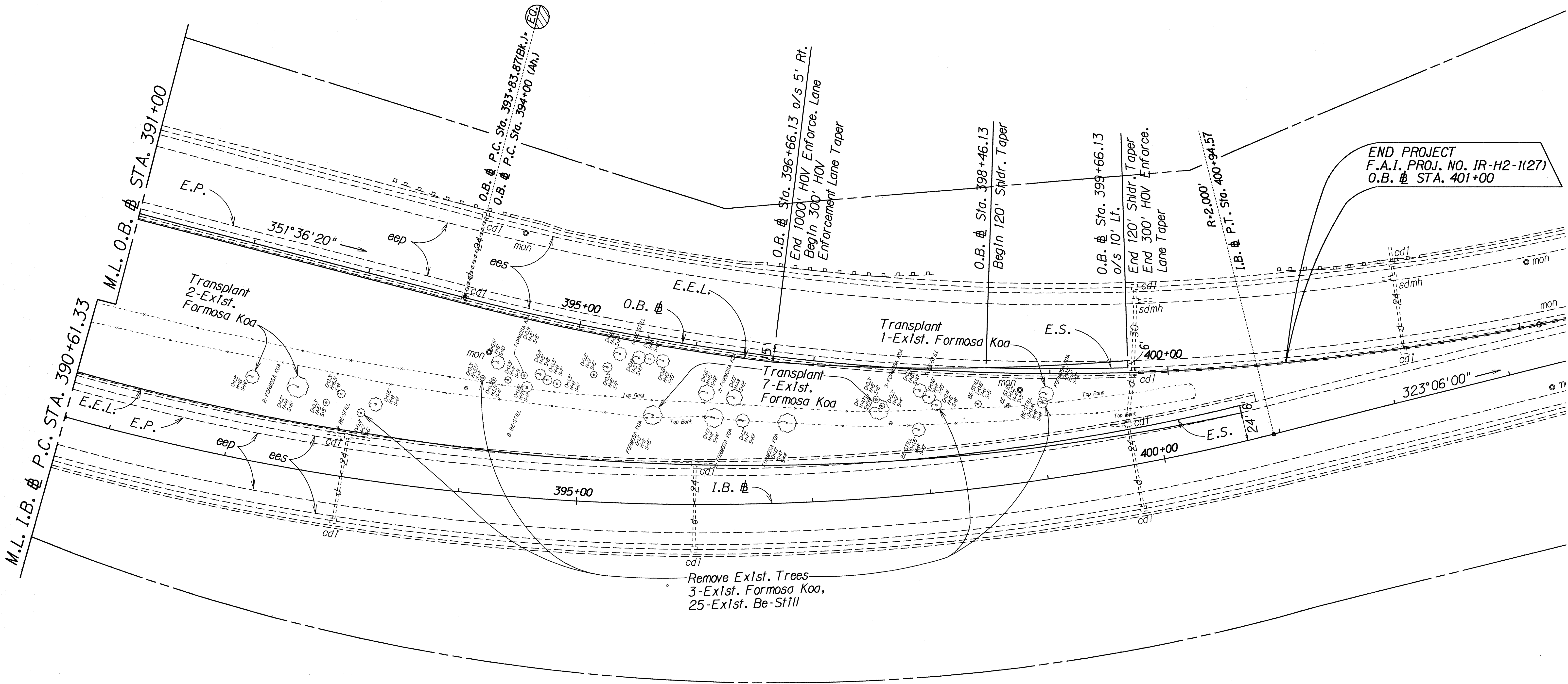
INTERSTATE RTE. H-2, HOV LANES, PH. II
Miliiani Interchange to Waipio Interchange
F.A.I. PROJECT NO. IR-H2-1(27)

Scale: 1" = 40' Date: April 11, 1992

SHEET No. L4 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	138	223

TRUE NORTH
SCALE: 1" = 40'



ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

8/7/92	Revised this sheet to reflect sizes of the existing trees.
DATE	REVISION
SHEET No. 15 OF 7 SHEETS	

STATE OF HAWAII
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HIGHWAYS DIVISION

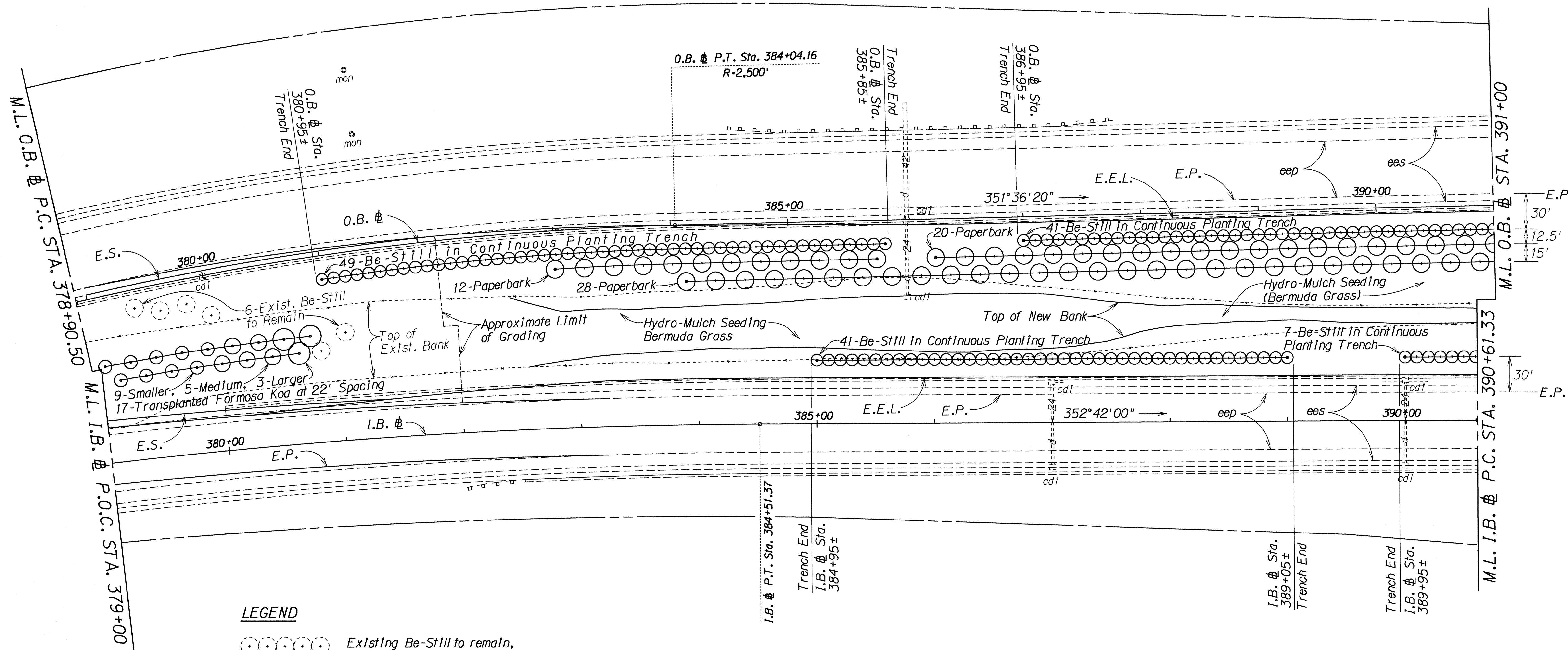
LANDSCAPING PLAN

INTERSTATE RTE. H-2, HOV LANES, PH. II
Miliāni Interchange to Waipio Interchange
F.A.I. PROJECT NO. IR-H2-1(27)

Scale: 1" = 40'
Date: Jan., 1992

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TRUE NORTH
SCALE: 1" = 40'



LEGEND

- Existing Be-Still to remain, See Plan Sht. Nos. 136 & 137 for locations.
- 17-Transplanted Formosa Koa from on-site, See Detail (A) / Plan Sht. No. 135. See this sheet for locations.
- 138-Be-Still (Thevetia Peruviana), 10' Spacing Height 6', Spread 4', Trunk Diameter 1 1/2" (Above are Minimum Dimensions) See Detail (C) / Plan Sht. No. 135.
- 60-Paperbark (Melaleuca Leucadendron), 25' Spacing Height 6', Spread 4', Trunk Diameter 1 1/2" (Above are Minimum Dimensions). See Detail (B) / Plan Sht. No. 135.

STATE OF HAWAII
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LANDSCAPING PLAN

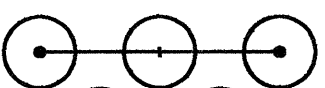
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Miliam Interchange to Waipio Interchange
F.A.I. PROJECT NO. IR-H2-1(27)

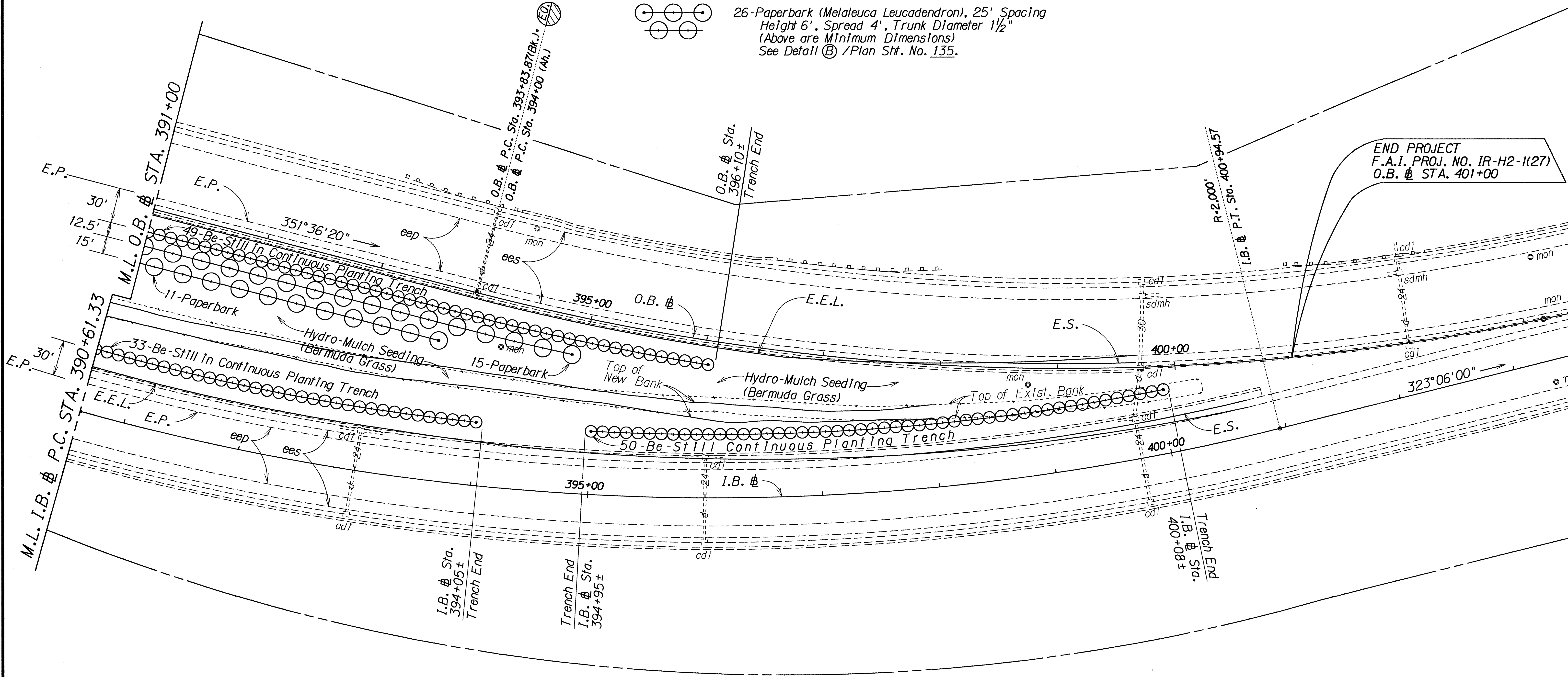
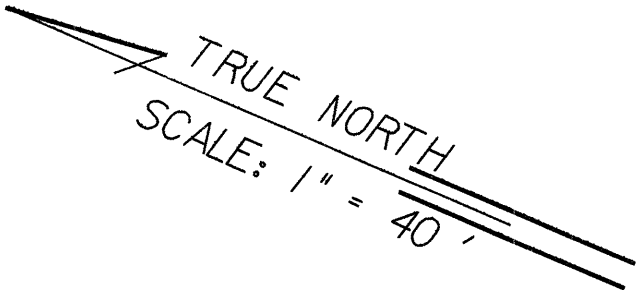
Scale: 1" = 40' Date: April, 1992
SHEET No. 16 OF 7 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-H2-1(27)	1992	140	223

LEGEND


 132-Be-Still (*Thevetia Peruviana*), 10' Spacing
 Height 6', Spread 4', Trunk Diameter 1 1/2"
 (Above are Minimum Dimensions)
 See Detail C / Plan Sht. No. 135.


 26-Paperbark (*Melaleuca Leucadendron*), 25' Spacing
 Height 6', Spread 4', Trunk Diameter 1 1/2"
 (Above are Minimum Dimensions)
 See Detail B / Plan Sht. No. 135.



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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N. 1/12/92	QUANTITIES BY	
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STATE OF HAWAII
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 HIGHWAYS DIVISION

LANDSCAPING PLAN

INTERSTATE RTE. H-2, HOV LANES, PH. II
 Milliani Interchange to Waipio Interchange
 F.A.I. PROJECT NO. IR-H2-1(27)

Scale: 1" = 40' Date: Oct., 1991

SHEET No. 17 OF 7 SHEETS