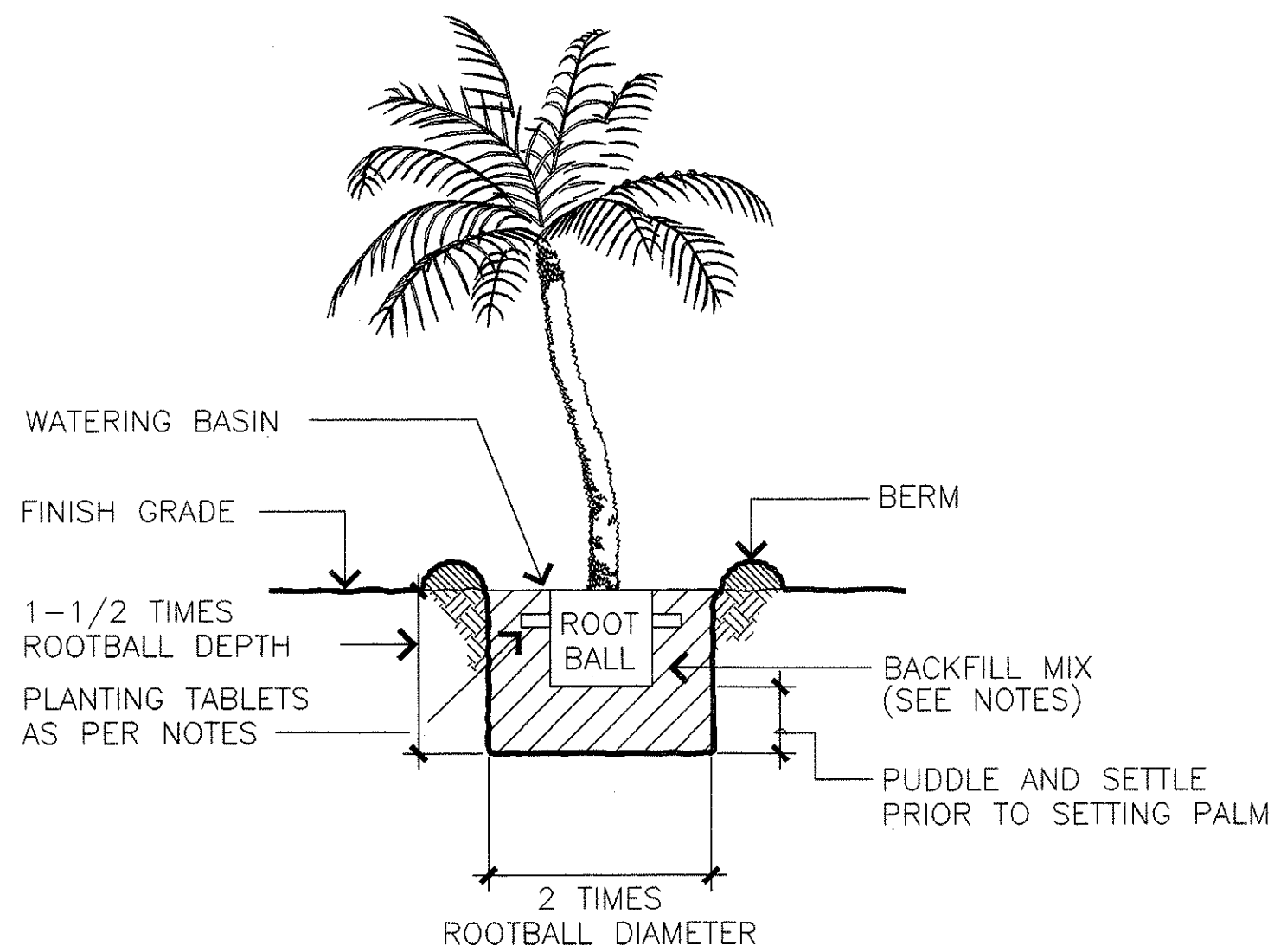


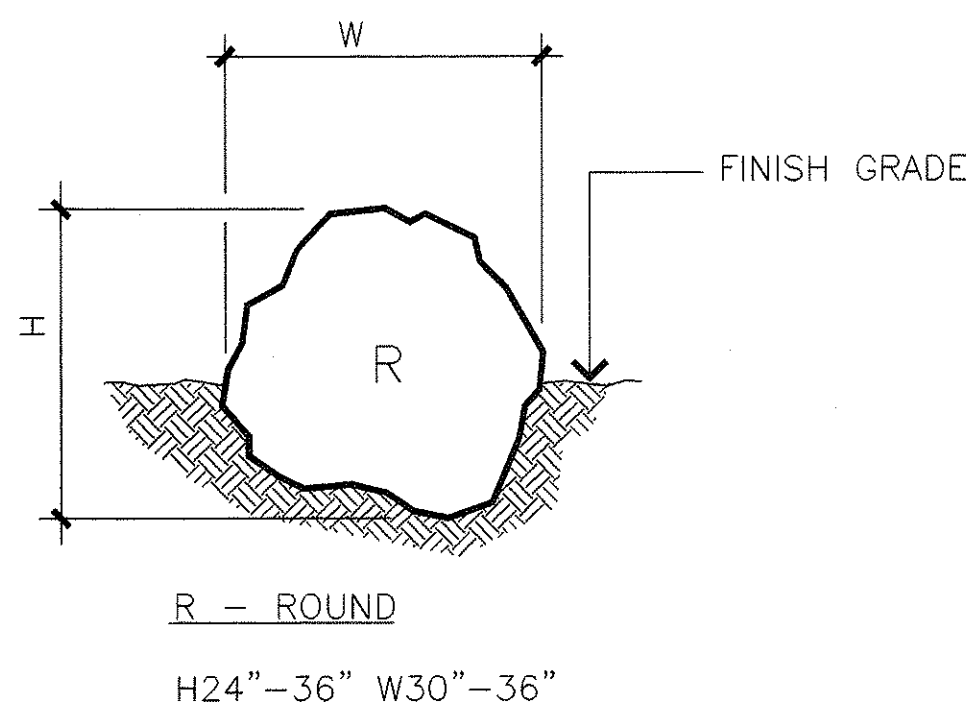
NOTE: DO NOT INSTALL BERM FOR WATER BASIN, INSTEAD PLANT GROUNDCOVER WHEN SHRUB PLANTING IS PLANTED IN A HEDGE.

1 SHRUB PLANTING DETAIL
L-12 NOT TO SCALE



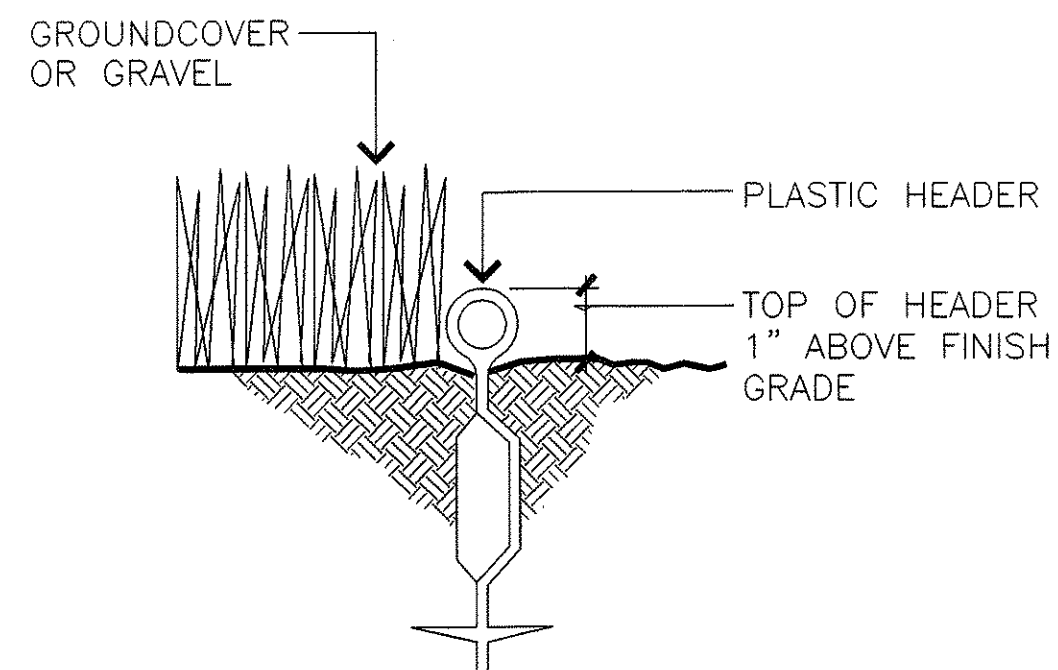
NOTE: PROVIDE WOODEN STAKES AND TREE TIES TO STABILIZE PALMS AS REQUIRED.

2 PALM PLANTING DETAIL
L-12 NOT TO SCALE

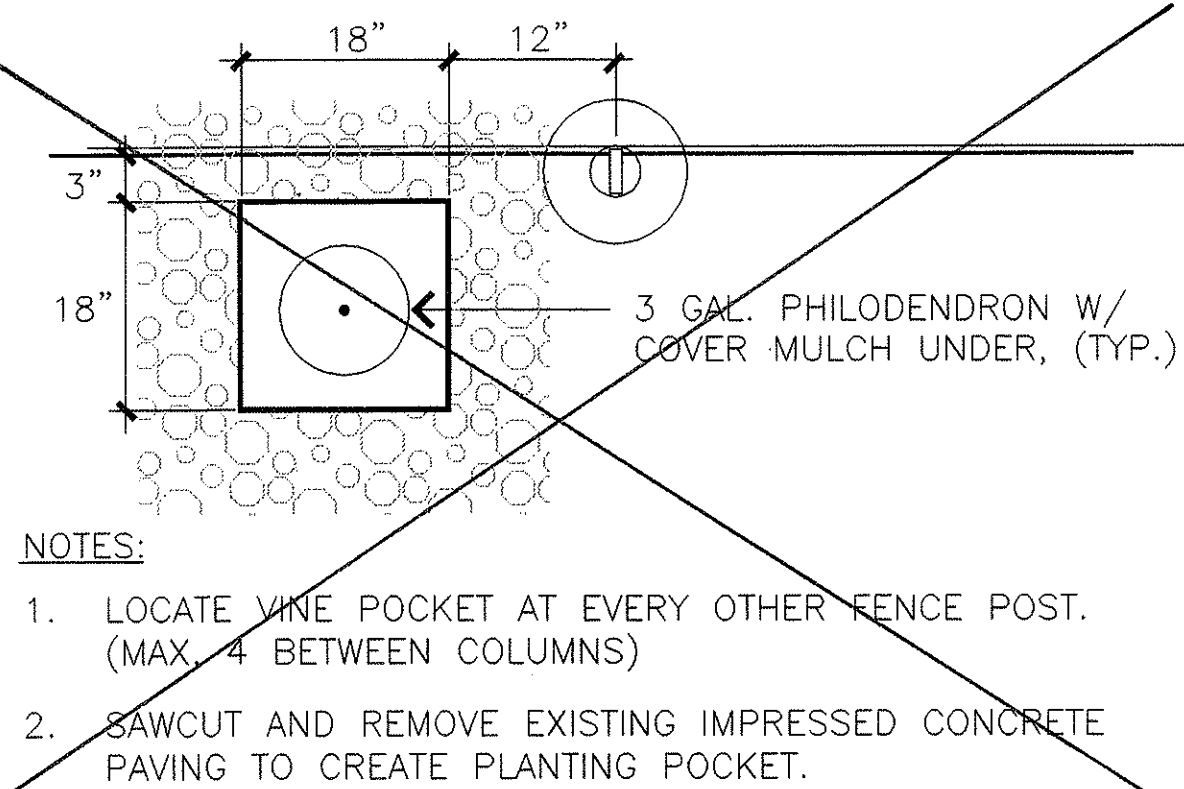


NOTE:
1. DEPTH OF BURY-1/2 MOSS ROCK BOULDER HEIGHT (H).
2. ENGINEER SHALL STAKE THE LOCATION OF THE BOULDERS ON THE SITE

3 MOSS ROCK BOULDER SETTING DETAIL
L-12 NOT TO SCALE

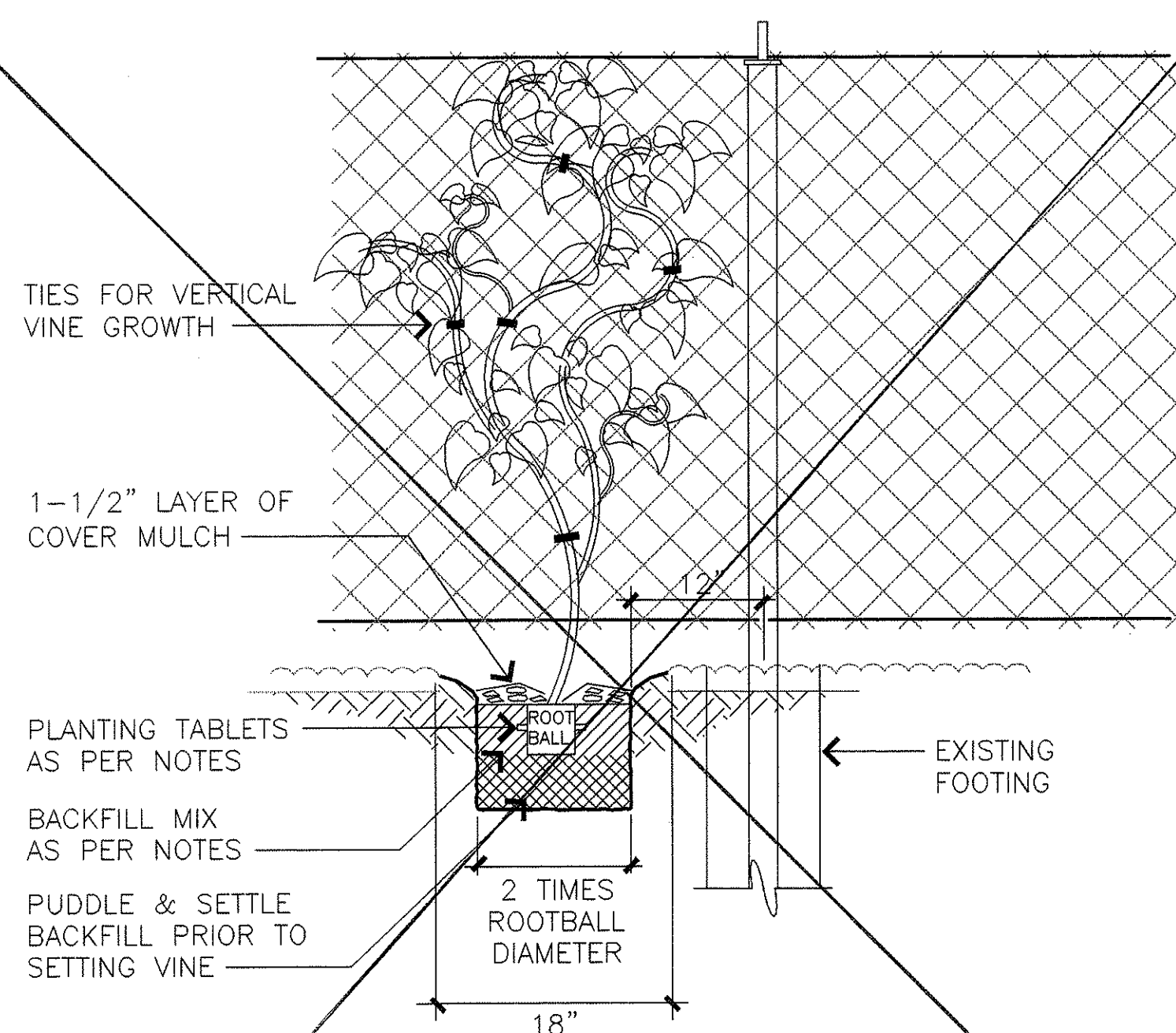


4 PLASTIC HEADER DETAIL
L-12 NOT TO SCALE



NOTES:

1. LOCATE VINE POCKET AT EVERY OTHER FENCE POST. (MAX. 4 BETWEEN COLUMNS)
2. SAWCUT AND REMOVE EXISTING IMPRESSED CONCRETE PAVING TO CREATE PLANTING POCKET.



NOTES:

1. TIE INITIAL STEM TO FENCE. TIE VINES TO FENCE AS IT MATURES.

5 VINE PLANTING DETAIL
L-12 NOT TO SCALE

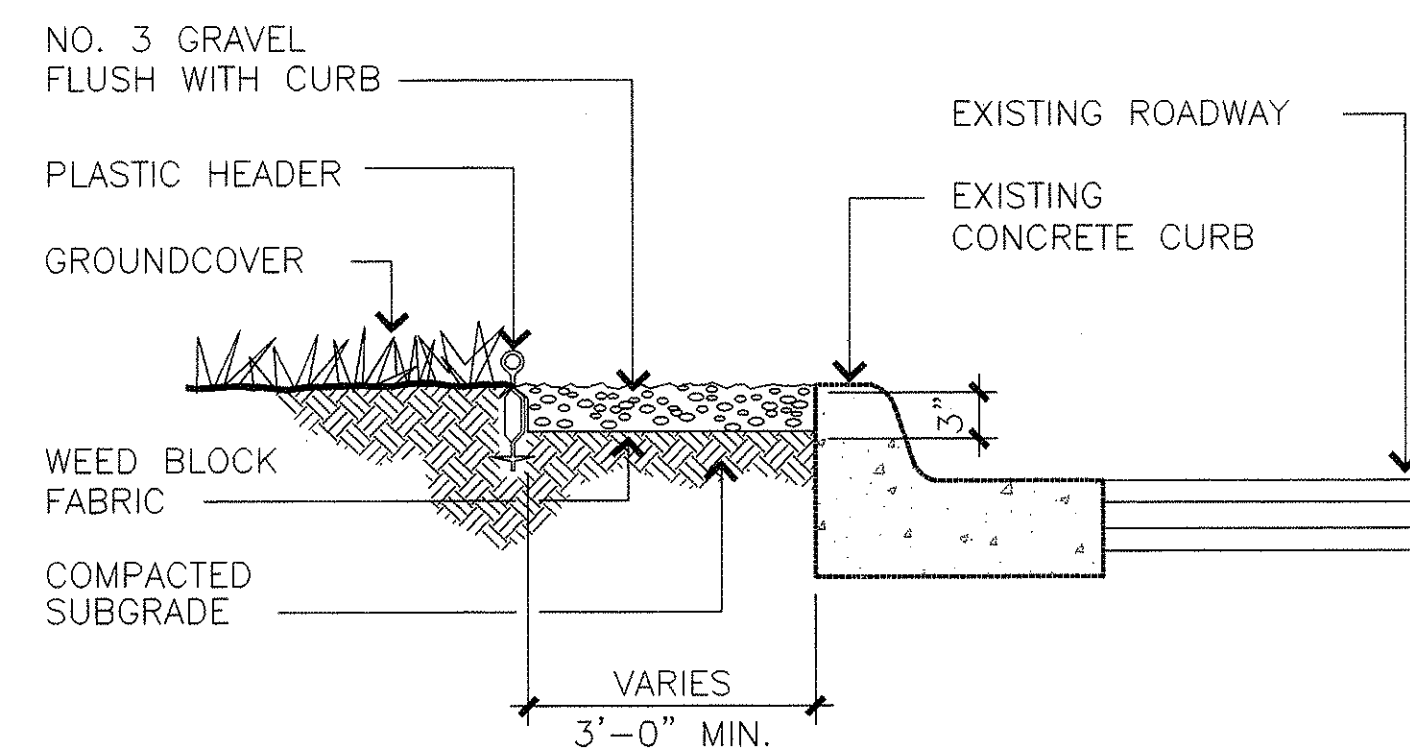
PLANT LIST

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	7801A-01-98	2000	12	14

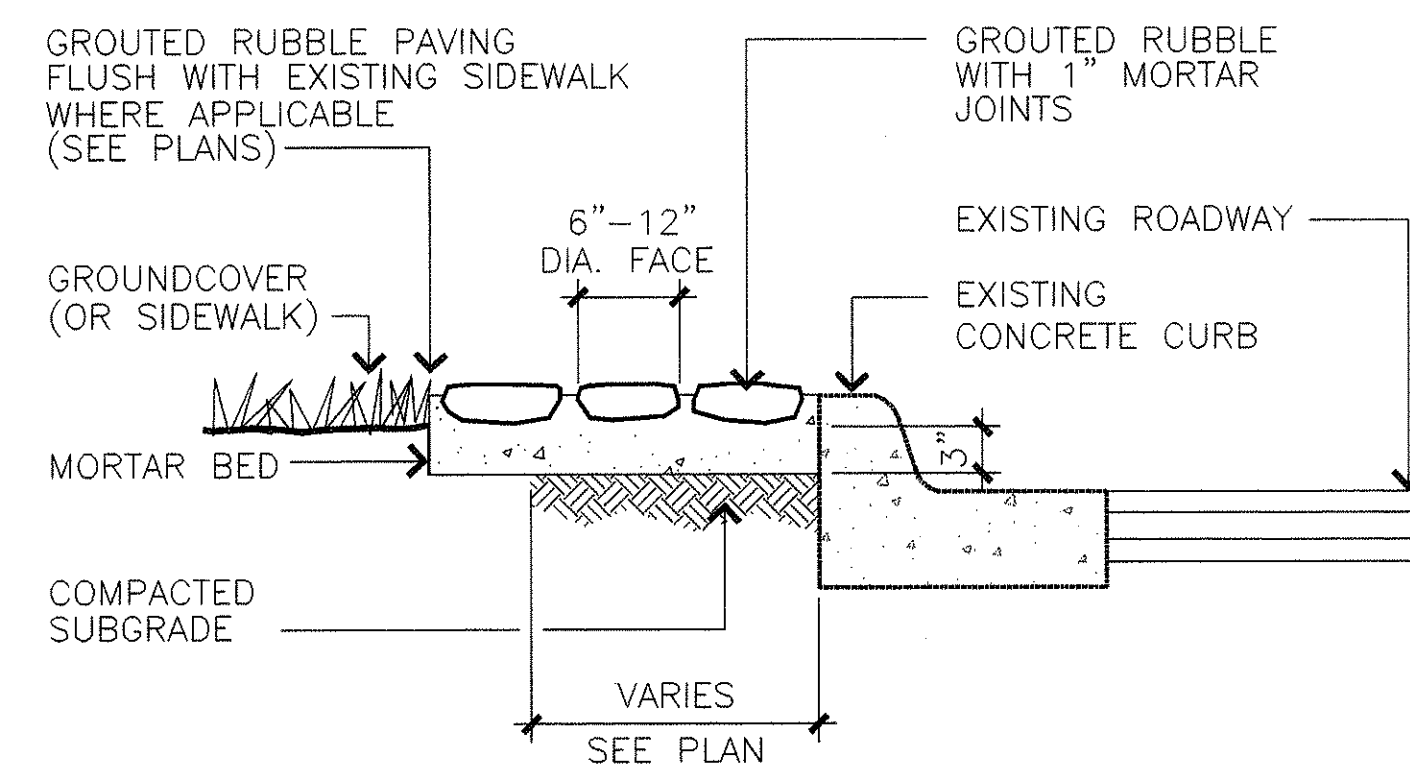
QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
24	DWARF DATE PALM	PHOENIX ROEBELLINI	25 GAL.	6' OVER ALL HEIGHT
9	NATIVE WHITE HIBISCUS	HIBISCUS ARNOTTIANUS	3 GAL.	24" O.C., 8"-12", SPREADING
72	INDIAN HAWTHORNE	RHAPHIOLEPIS INDICA 'ENCHANTRESS'	3 GAL.	24" O.C., 8"-12", SPREADING
48	PHILODENDRON	PHILODENDRON SCANDENS	3 GAL.	SEE DETAIL 5/L-12
8,240 SF	MONDO GRASS	OPHIOPOGON JAPONICUS	SPRIGS	4" O.C.
26	MOSS ROCK BOULDERS	-	-	ARRANGE IN CLUSTERS, AVOID UTILITY BOXES, SEE DETAIL
115 CY	CRUSHED ROCK, GRADE 'A'	-	-	NO. 2 COURSE, 3" LAYER, SEE PLANS
46 CY	CRUSHED ROCK, GRADE 'B'	-	-	GOVERNMENT BASE COURSE, 3" LAYER, SEE PLANS
8,350 SF	ORGANIC SOIL CONDITIONER	-	-	2" LAYER - ROTOTILLED 6" INTO SOIL - SEE SPECIFICATIONS
1,350 LF	PLASTIC HEADER	COMMERCIAL GRADE	-	SEE PLANS - SEE SPECIFICATIONS
4 CY	COVER MULCH	COMMERCIAL GRADE	-	1-1/2" LAYER, IN VINE POCKETS - SEE PLAN
31,600 SF	GROUTED RUBBLE PAVING	-	-	SEE DETAIL
247 CY	IMPORTED SCREENED SOIL	-	-	6" LAYER MIN., SEE SPECIFICATIONS

NOTE:

1. QUANTITIES SHOWN ON PLANT LIST ARE FOR REFERENCE ONLY. VERIFY ACTUAL QUANTITIES AS SHOWN ON PLAN.



6 GRAVEL STRIP AT EXISTING CURB
L-12 NOT TO SCALE



7 GROUTED RUBBLE PAVING AT EXISTING CURB
L-12 NOT TO SCALE



THIS WORK WAS PREPARED BY ME OF UNDER MY SUPERVISION

Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LANDSCAPE PLANTING DETAILS

WAIALAE AVENUE LANDSCAPE IMPROVEMENTS

VICINITY OF KAHALA MALL

PROJECT NO., 7801A-01-98

SCALE: AS SHOWN

DATE: NOVEMBER 1999

SHEET NO. 12 OF 14 SHEETS

"AS-BUILT"

12