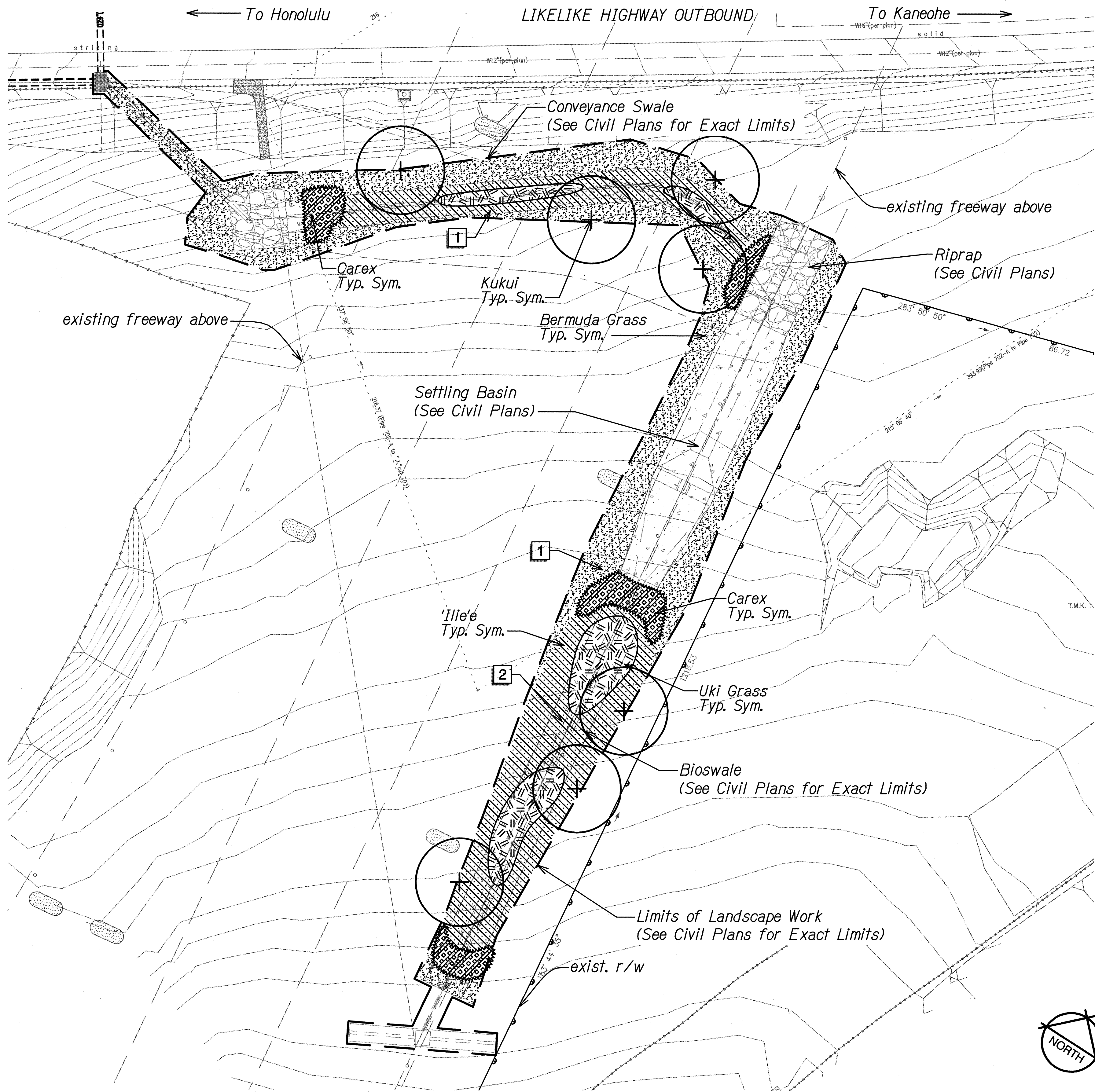


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-04-14M	2014	47	67



PLANT SCHEDULE H-3 & LIKELIKE INTERCHANGE

TREES	BOTANICAL NAME	COMMON NAME
	<i>Aleurites moluccana</i>	Kukui
GROUND COVERS	BOTANICAL NAME	COMMON NAME
	<i>Carex wahuensis</i>	Carex
	<i>Cladium jamaicense</i>	Uki Grass
	<i>Plumbago zeylanica</i>	'Ilie'e
HYDROSEED	BOTANICAL NAME	COMMON NAME
	<i>Cynodon dactylon</i>	Bermuda Grass

REFERENCE NOTES SCHEDULE H-3 & LIKELIKE INTERCHANGE

SYMBOL	DESCRIPTION
1	Soil Preparation: Provide and incorporate 2" layer soil amendments to existing soil (flatter than 3H:1V, see Civil plans for grades). Incorporate additional amendments as recommended by soil analysis.
2	Provide and install bioswale soil mixture in bioswale; wrap with geotextile fabric. See Civil plans for bioswale limits and depth of bioswale soil mixture.

LANDSCAPE PLAN
H-3 & LIKELIKE INTERCHANGE
Scale: 1" = 20'-0"

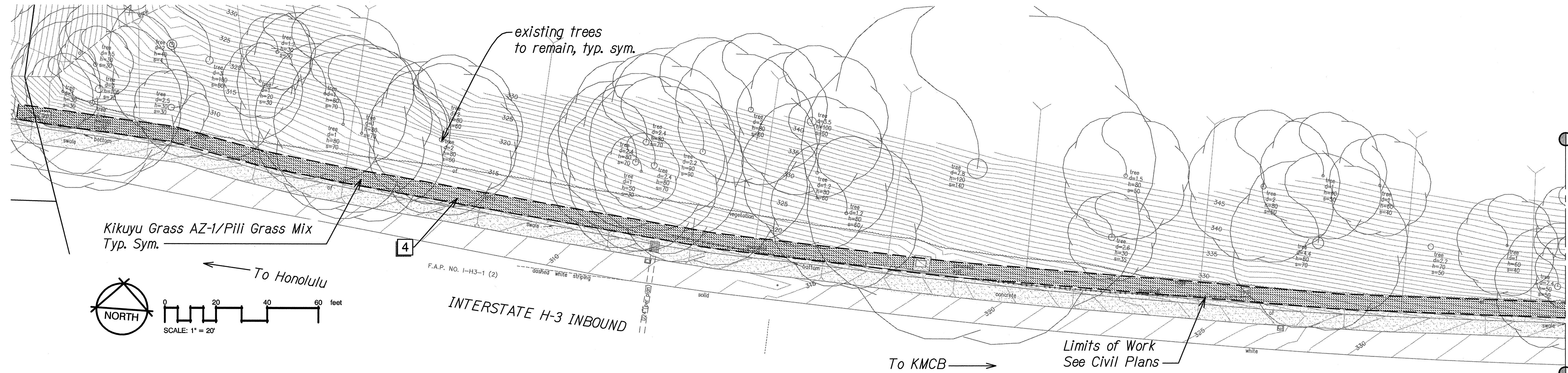
4/30/14
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HIGHWAYS DIVISION

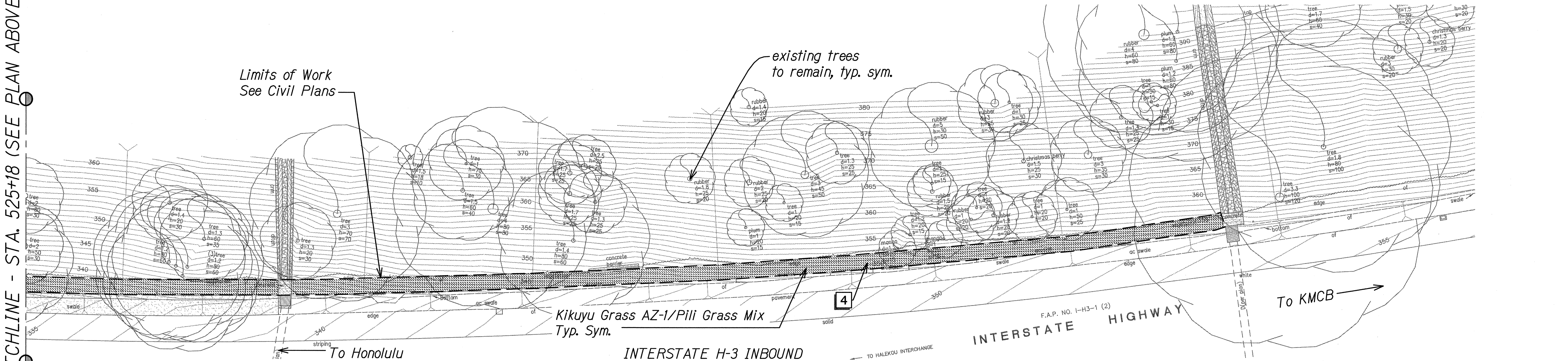
LANDSCAPE PLAN
H-3 & LIKELIKE INTERCHANGE
**KANELOE WATERSHED STORM WATER
BEST MANAGEMENT PRACTICES ON OAHU**
Project No. HWY-O-04-14M
Scale: 1" = 20'-0" Date: March 2014

SHEET No. LP-02 OF 10 SHEETS

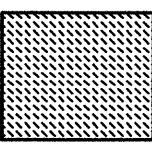
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-04-14M	2014	48	67



MATCHLINE - STA. 525+18 (SEE PLAN ABOVE)



PLANT SCHEDULE PID 207

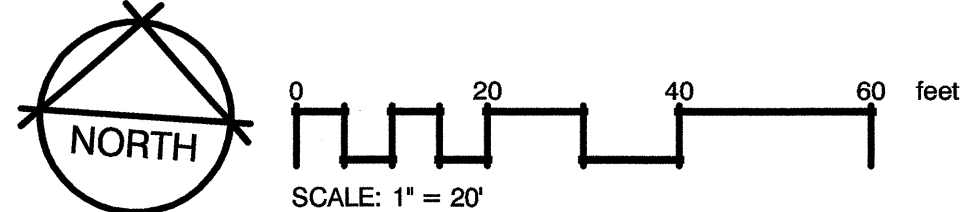
HYDROSEED	BOTANICAL NAME	COMMON NAME
	<i>Pennisetum clandestinum</i> <i>Heteropogon contortus</i>	Kikuyu Grass AZ-1 Pili Grass

REFERENCE NOTES SCHEDULE PID 207

SYMBOL	DESCRIPTION
	Vegetated wall (see Civil plans)

LANDSCAPE PLANTING PLAN PID 207

Scale: 1" = 20'-0"





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HIGHWAYS DIVISION

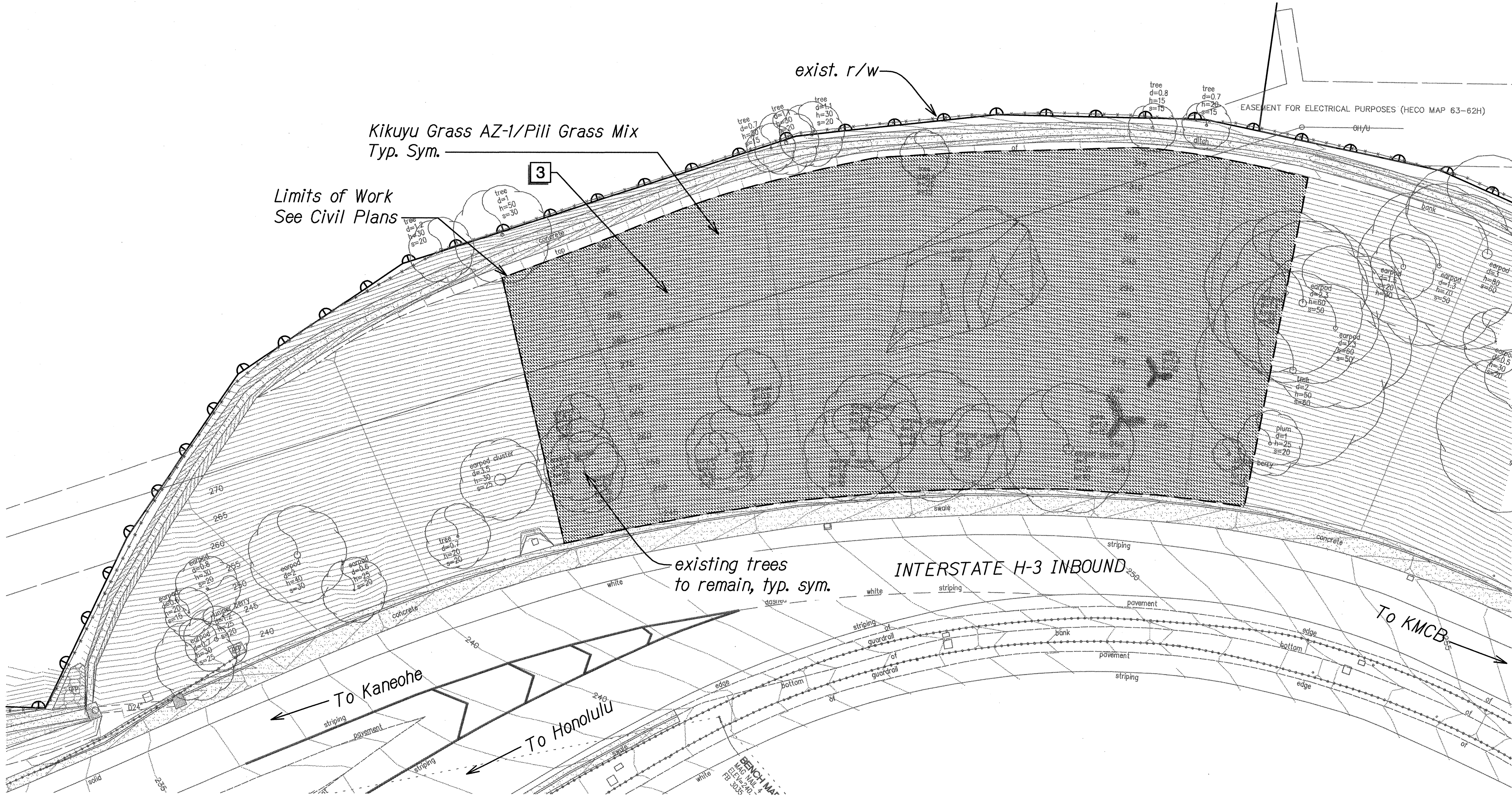
LANDSCAPE PLANTING PLAN
PID 207

KANEHOE WATERSHED STORM WATER
BEST MANAGEMENT PRACTICES ON OAHU
Project No. HWY-O-04-14M
Scale: 1" = 20'-0" Date: March 2014

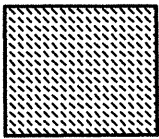
SHEET No. LP-03 OF 10 SHEETS

MATCHLINE - STA. 525+18 (SEE PLAN BELOW)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-04-14M	2014	50	67

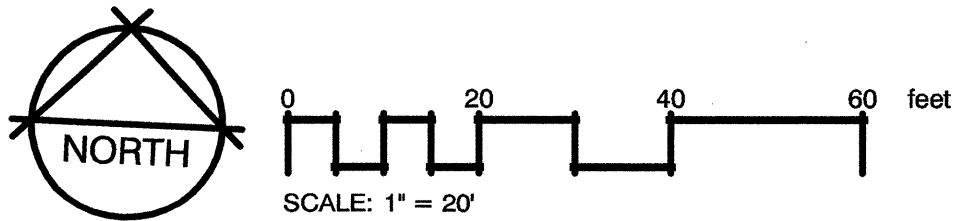


PLANT SCHEDULE PID 209

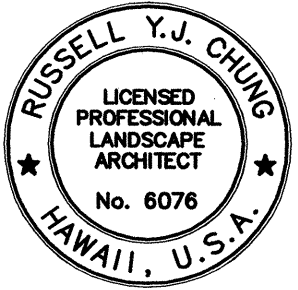
HYDROSEED	BOTANICAL NAME	COMMON NAME
	<i>Pennisetum clandestinum</i> <i>Heteropogon contortus</i>	Kikuyu Grass AZ-1 Pili Grass

REFERENCE NOTES SCHEDULE PID 209

SYMBOL	DESCRIPTION
	Install erosion control matting per manufacturer's instructions and recommendations. See erosion control plans for details and exact limits.



LANDSCAPE PLANTING PLAN PID 209
Scale: 1" = 20'-0"



4/30/14
DATE
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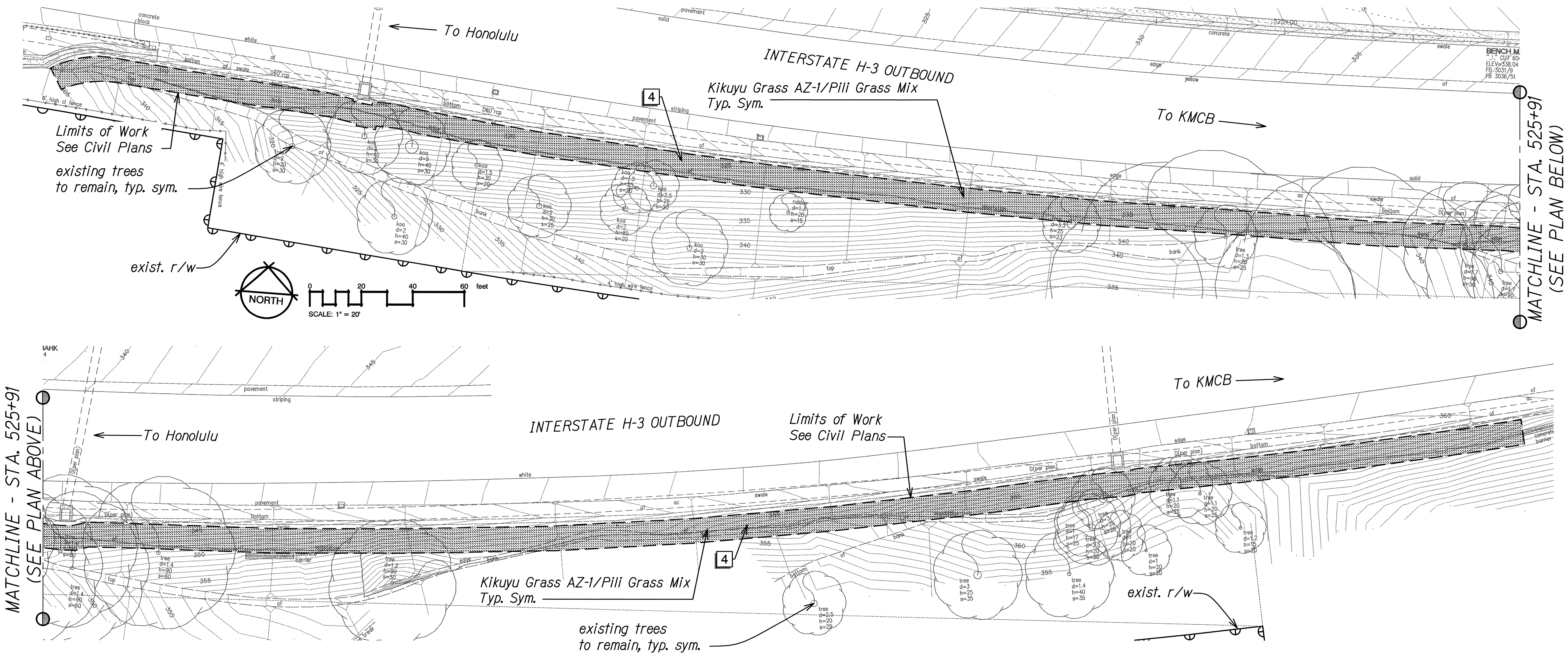
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LANDSCAPE PLANTING PLAN
PID 209

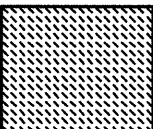
KANEOHE WATERSHED STORM WATER
BEST MANAGEMENT PRACTICES ON OAHU
Project No. HWY-O-04-14M
Scale: 1" = 20'-0" Date: March 2014

SHEET No. LP-05 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-04-14M	2014	51	67



PLANT SCHEDULE PID 210

HYDROSEED	BOTANICAL NAME	COMMON NAME
	<i>Pennisetum clandestinum</i> <i>Heteropogon contortus</i>	Kikuyu Grass AZ-1 Pili Grass

REFERENCE NOTES SCHEDULE PID 210

SYMBOL	DESCRIPTION
	Vegetated wall (see Civil plans)

LANDSCAPE PLANTING PLAN PID 210

Scale: 1" = 20'-0"

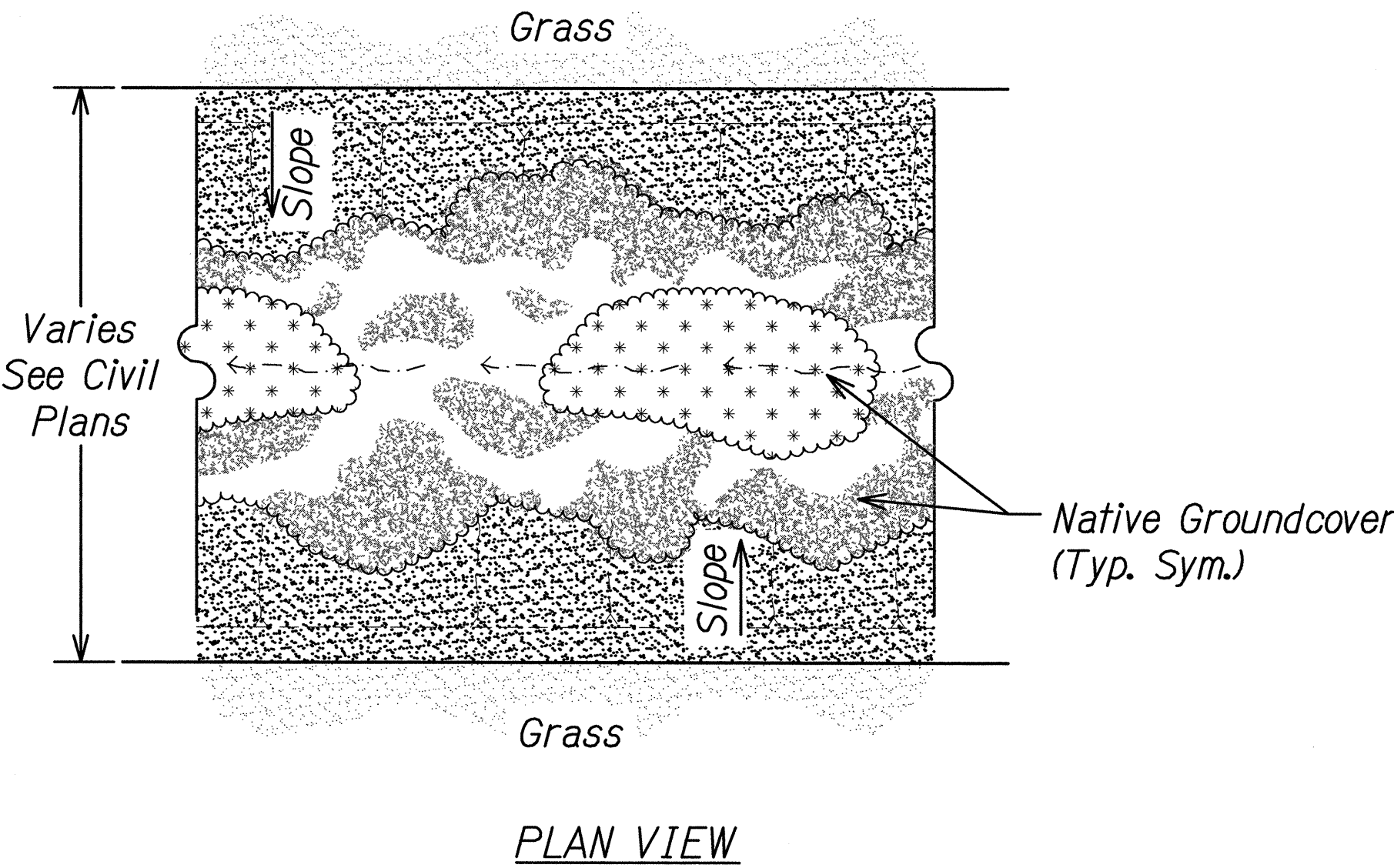
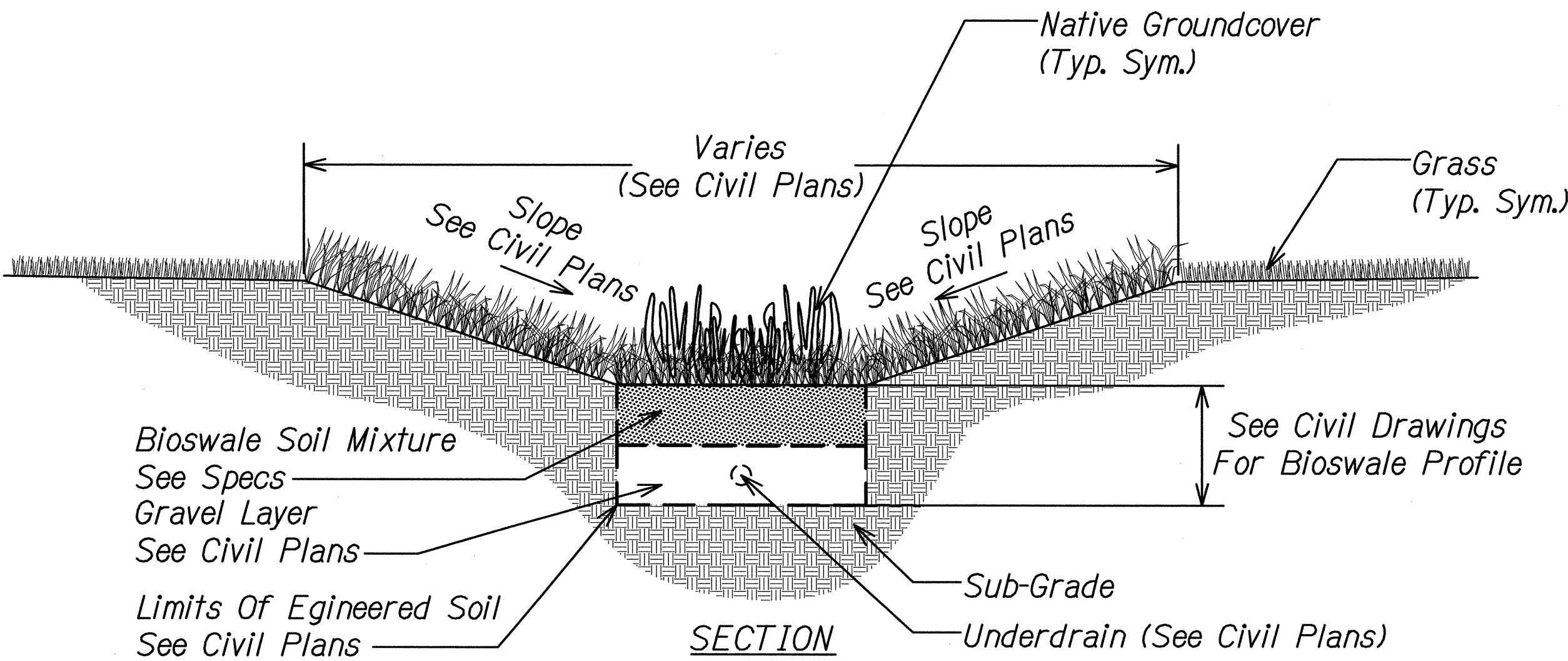


4/30/14
EXP. DATE
This work was prepared by me or under my supervision.

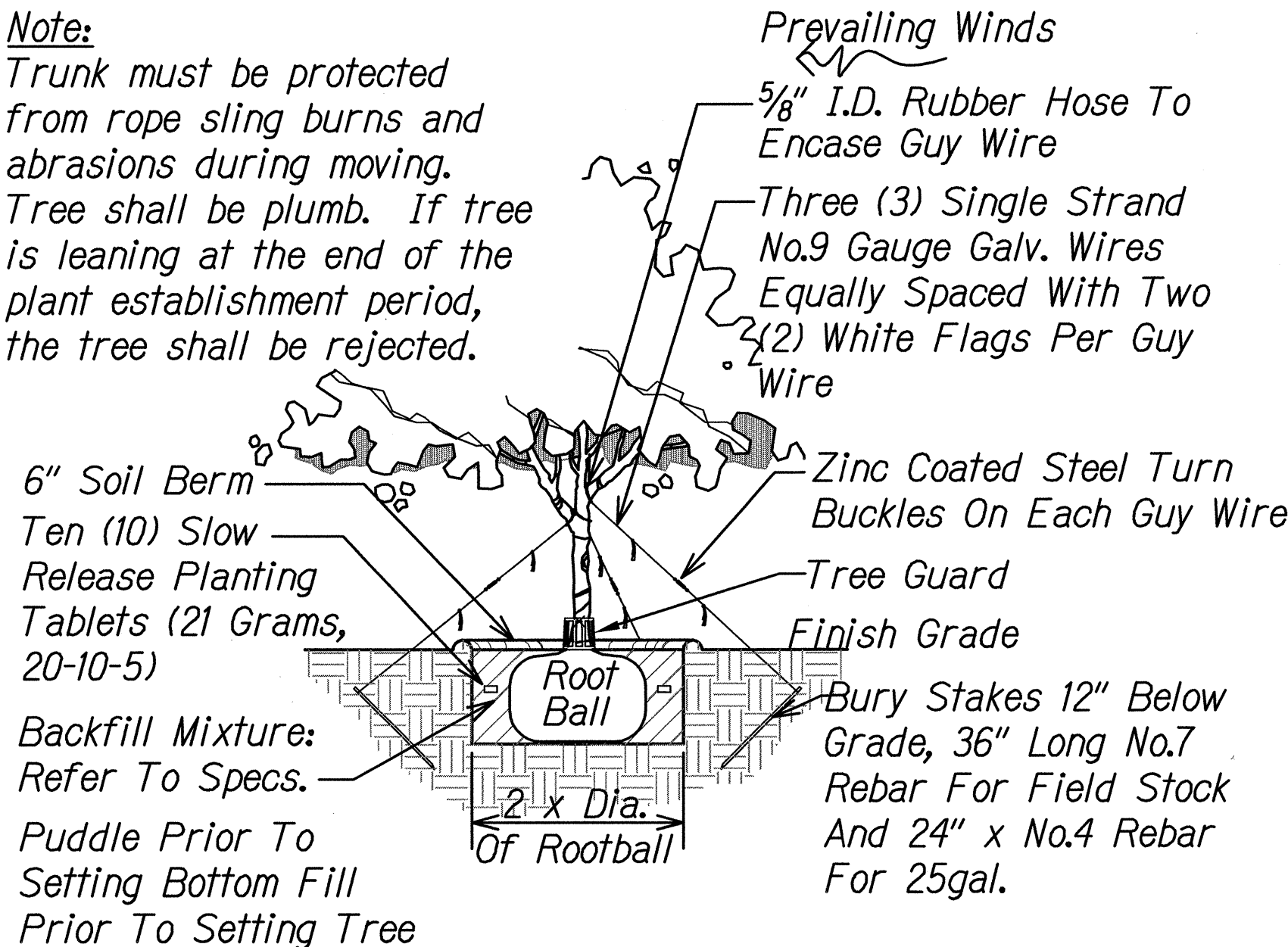
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LANDSCAPE PLANTING PLAN
PID 210
KANEIHE WATERSHED STORM WATER
BEST MANAGEMENT PRACTICES ON OAHU
Project No. HWY-O-04-14M
Scale: 1" = 20'-0" Date: March 2014

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-04-14M	2014	53	67

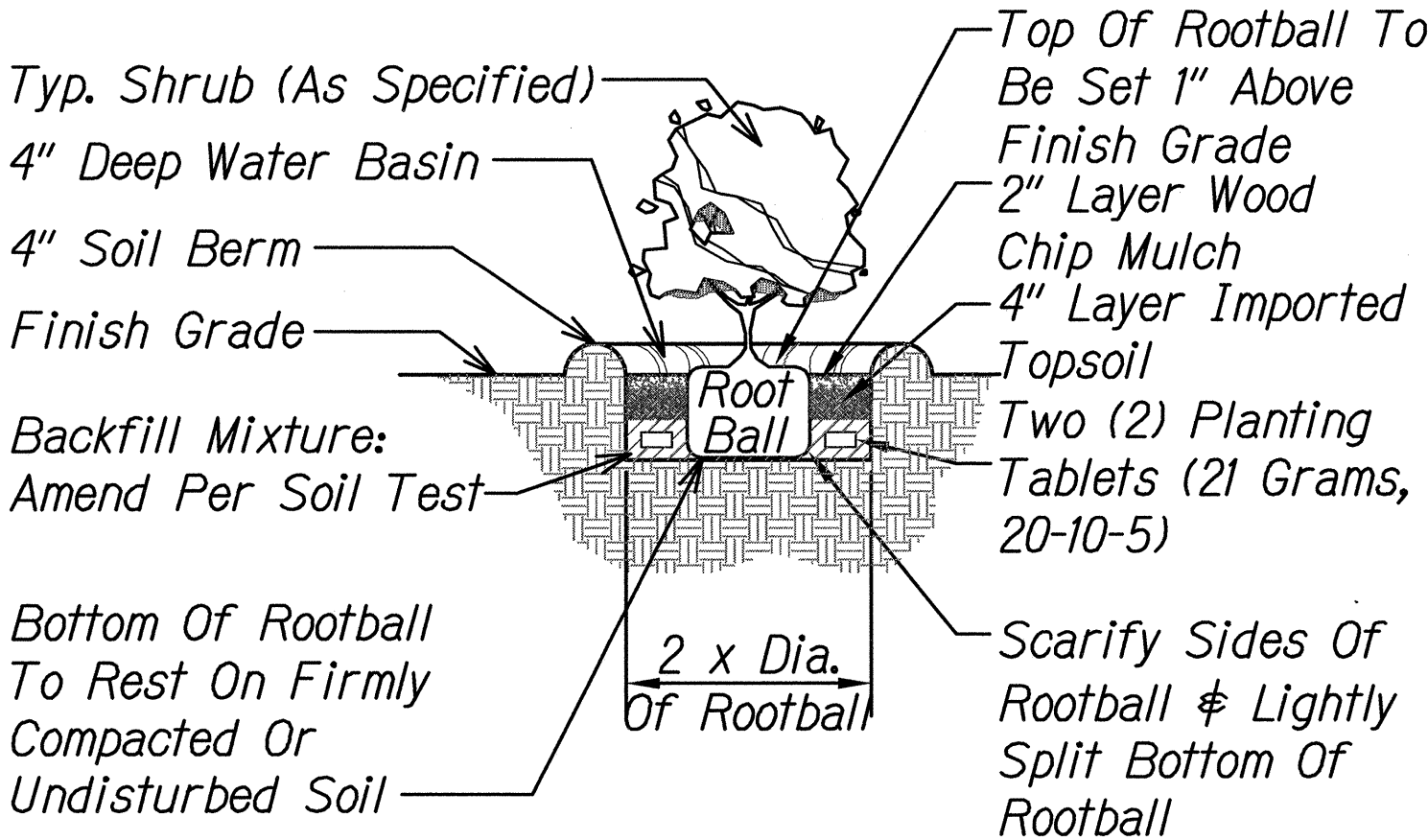


TYPICAL BIOSWALE PLANTING DETAIL
Scale: Not to Scale LP-08/LP-08



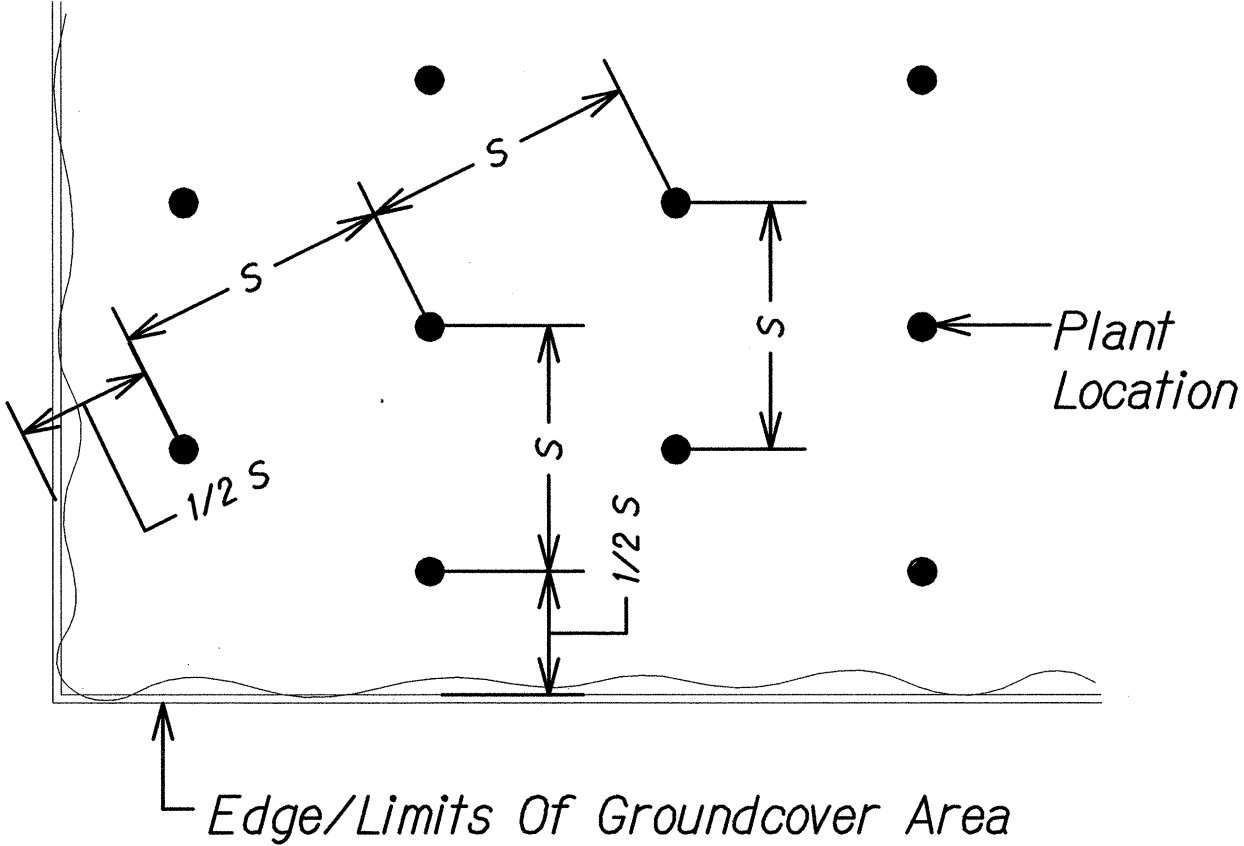
TREE PLANTING AND GUYING
Scale: Not to Scale LP-08/LP-08

- Notes:
1. Single stem shrubs shall be plumb. If shrub is leaning at the end of the plant establishment period, it shall be replaced at the contractor's expense.
 2. Immediately after planting, water heavily to ensure soil settles around roots.



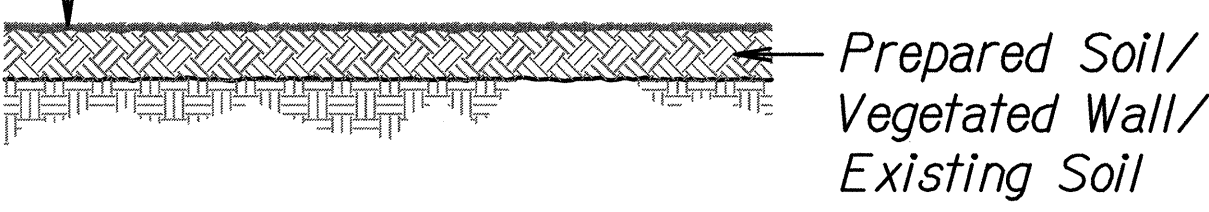
SHRUB PLANTING
Scale: Not to Scale LP-08/LP-08

- Note:
1. S = Spacing, (refer to plant list for spacing)
 2. Use spacing layout for shrubs, groundcovers, and annuals

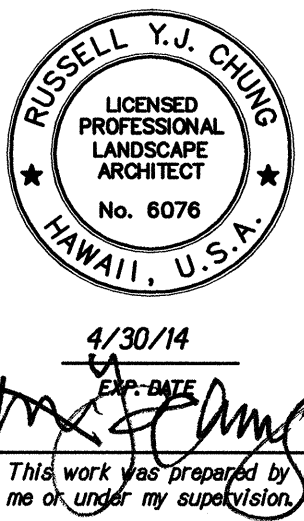


TRIANGULAR SPACING
Scale: Not to Scale LP-08/LP-08

Hydro Seed/Hydro Sprig:
Shall be specifically processed fiber containing no growth or germination inhibiting factors. It shall be such that after addition and agitation in the hydraulic equipment with seeds/sprigs, fertilizer, water, and other additives not detrimental to plant growth the fibers will form a homogeneous slurry when hydraulically sprayed on the soil or vegetated wall. The fibers shall form a blotter-like ground cover which readily absorbs water and allows infiltration. Complete coverage of the surface shall be attained.



HYDRO-SEED/SPRIG DETAIL
Scale: Not to Scale LP-08/LP-08



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**LANDSCAPE
DETAILS**
KANEHOE WATERSHED STORM WATER
BEST MANAGEMENT PRACTICES ON OAHU
Project No. HWY-O-04-14M
Scale: As Shown Date: March 2014
SHEET No. LP-08 OF 10 SHEETS

PLANT SCHEDULE H-3 & LIKELIKE INTERCHANGE

PLANT SCHEDULE PID 207

PLANT SCHEDULE PID 208

PLANT SCHEDULE PID 209

PLANT SCHEDULE PID 210

PLANT SCHEDULE PID 1008

SHEET No. *LP-10* OF *10* SHEETS

LP-10_PLANT_LIST.DWG 2/12/2014 2:29:10 PM