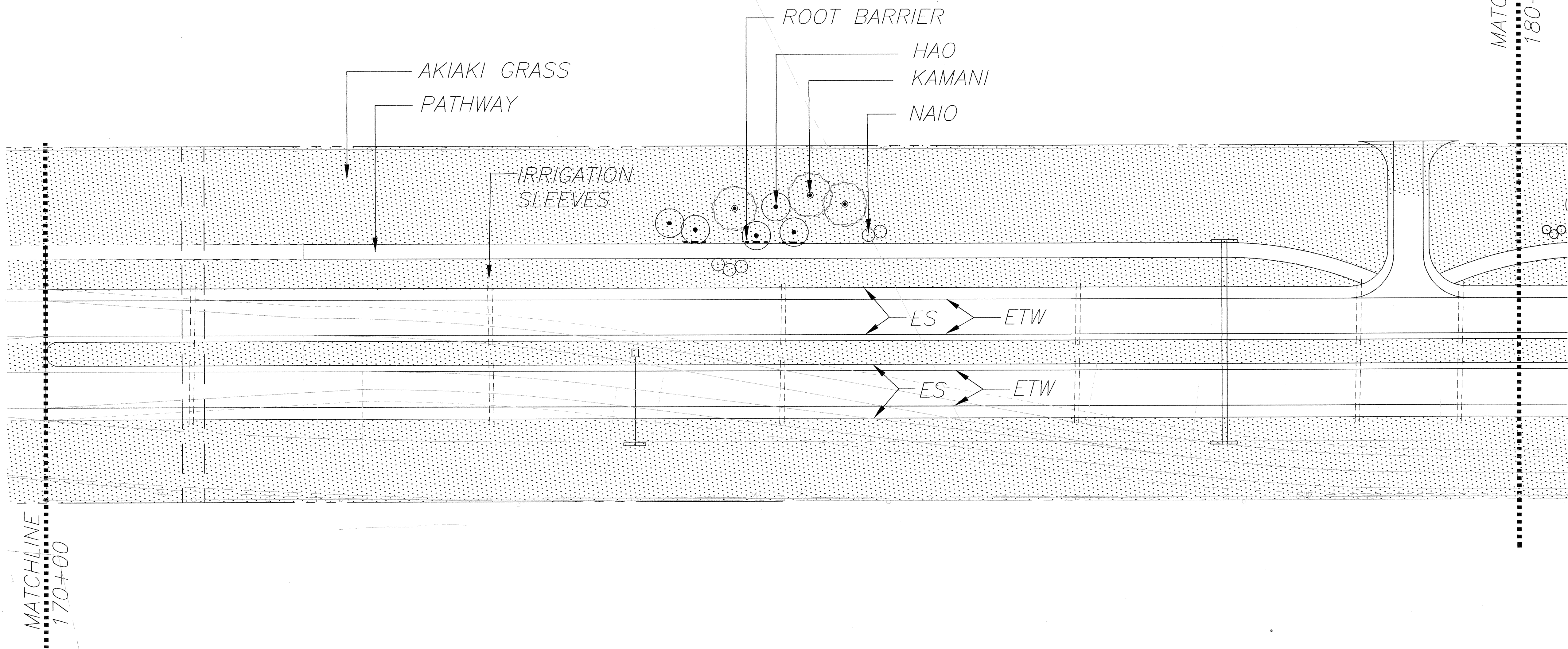
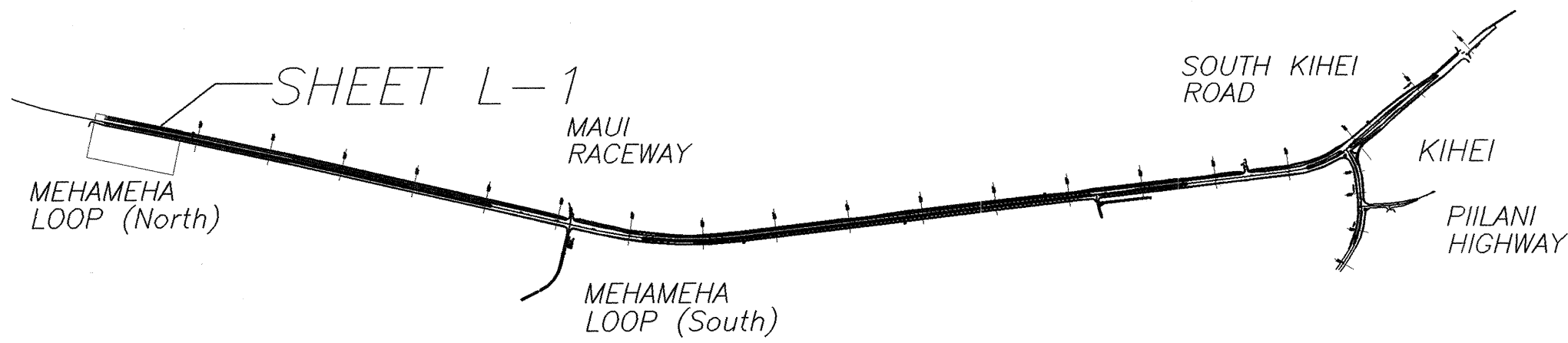


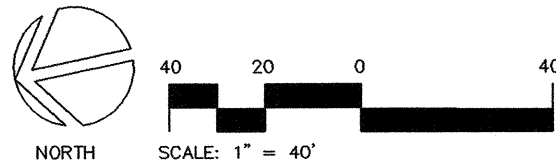
FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	147	173



NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.



EST. QTY.	PLANT LIST COMMON NAME
5 EA.	HAO
3 EA.	KAMANI
5 EA.	NAIO
159,400 SF.	GRASSING
1,948 CY.	IMPORTED SCREENED SOIL
980 CY.	SOIL AMENDMENTS
600 LF.	IRRIGATION SLEEVES
45 LF.	ROOT BARRIER
3 CY.	COVER MULCH



JOEL M. KUROKAWA

LICENSED PROFESSIONAL LANDSCAPE ARCHITECT

No. 10659

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

04/30/06

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PLANTING PLAN - STA. 170+00 TO 180+00

MOKULELE HIGHWAY WIDENING

Maui Humane Society

To

Vicinity of Kolaloa Bridge

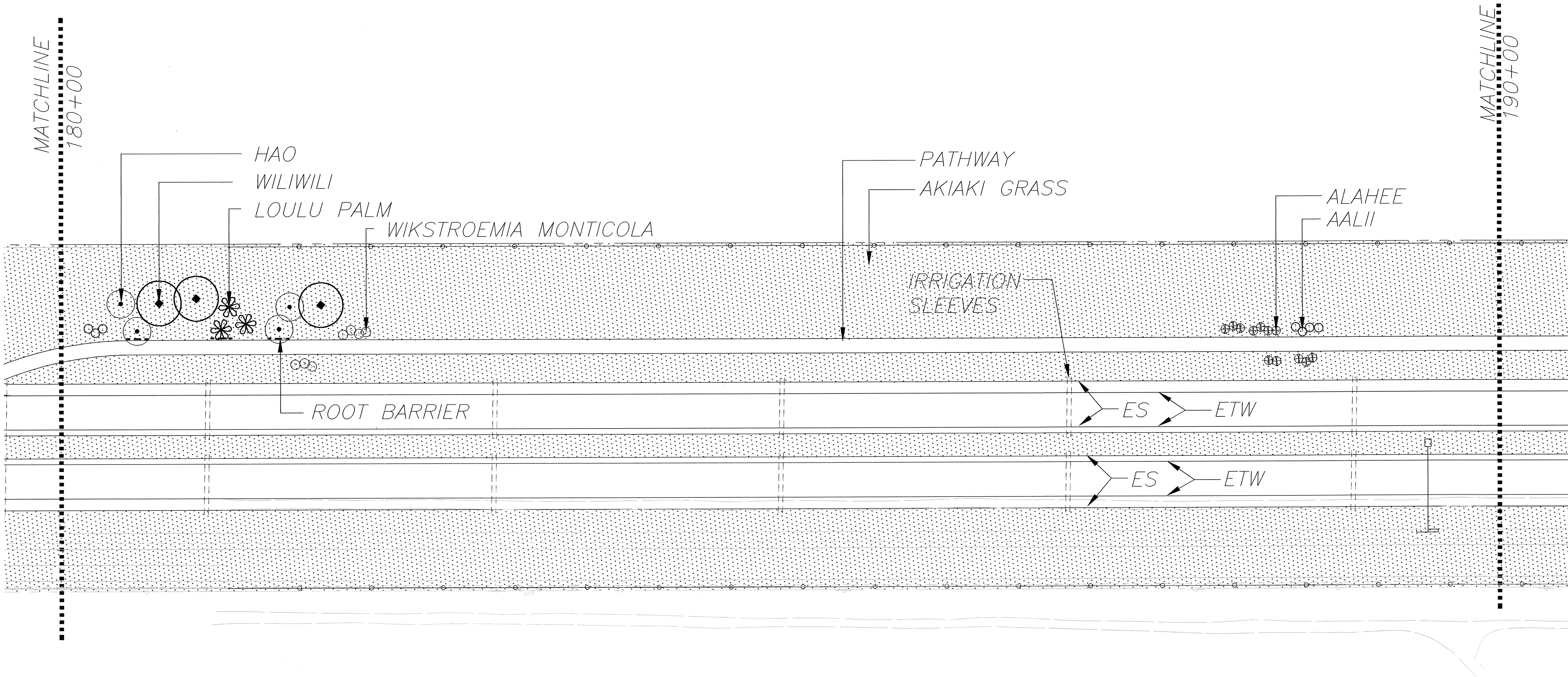
Federal - Aid Project No. NH-A311(6)R

Date: JUNE 2005

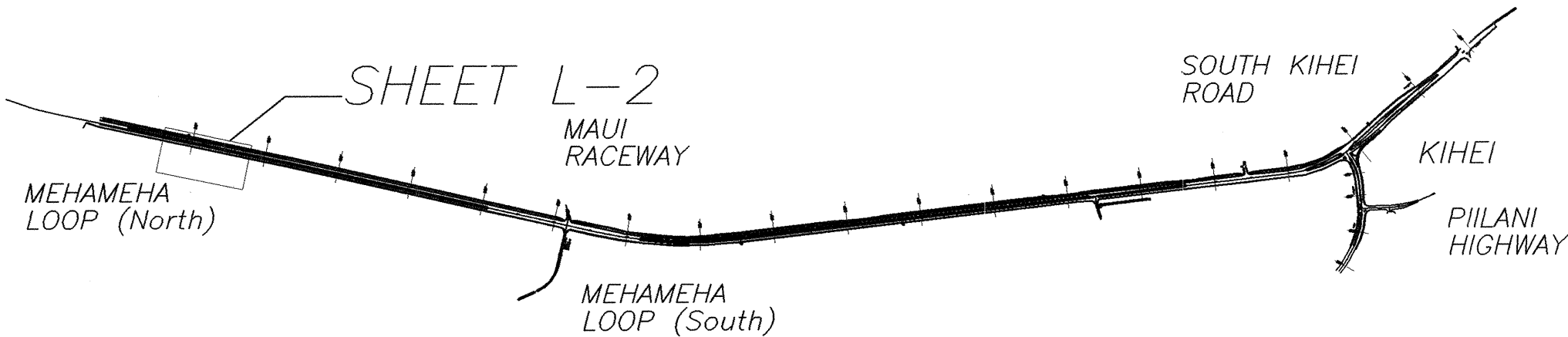
SHEET No. L-1 OF 14 SHEETS

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

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	148	173

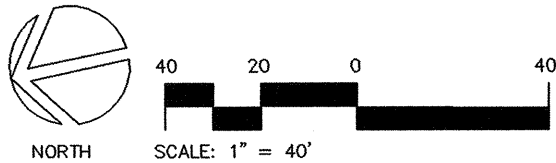


NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.



KEY MAP
NO SCALE

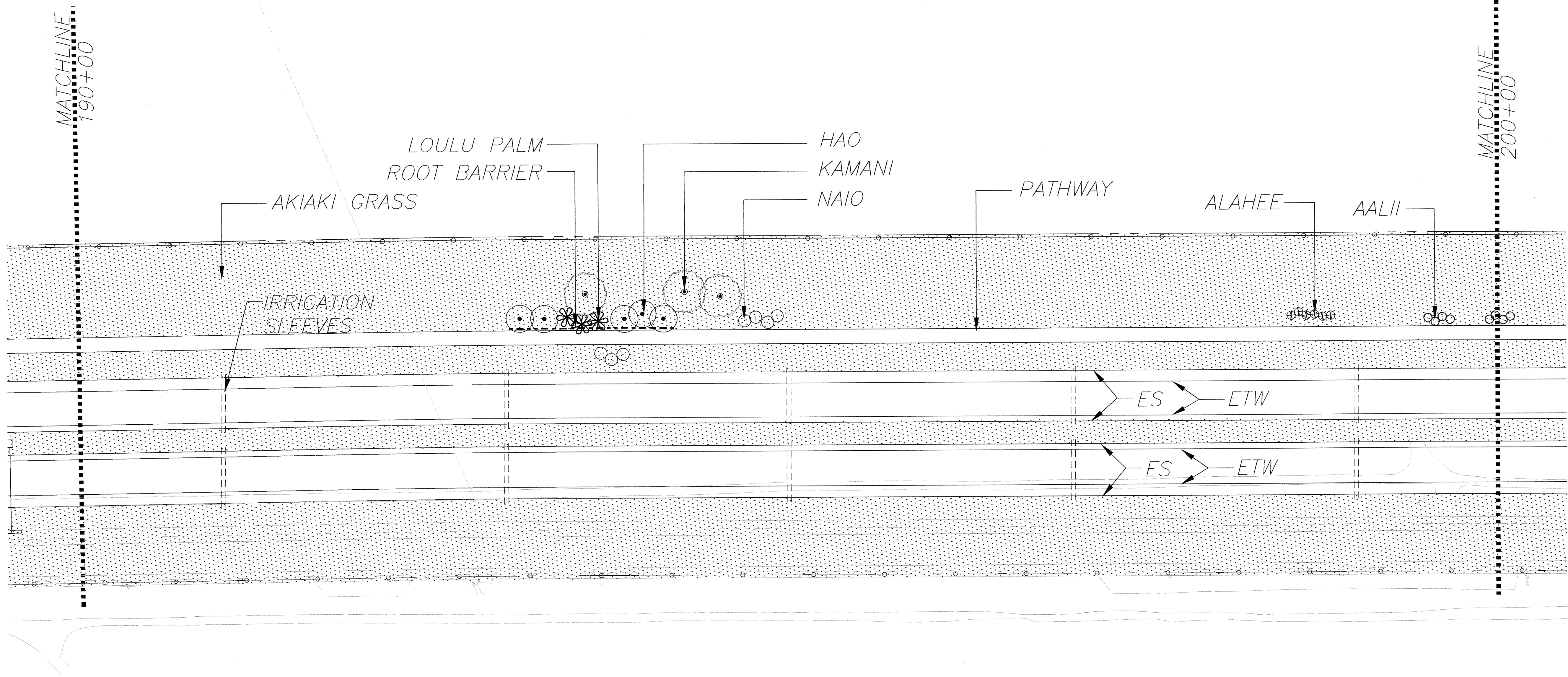
7 EA.	AALII
12 EA.	ALAHEE
4 EA.	HAO
3 EA.	LOULU PALM
7 EA.	WIKSTROEMIA MONTICOLA
3 EA.	WILIWILI
162,700 SF.	GRASSING
1,989 CY.	IMPORTED SCREENED SOIL
1,000 CY.	SOIL AMENDMENTS
500 lf.	IRRIGATION SLEEVES
45 LF.	ROOT BARRIER
7 CY.	COVER MULCH



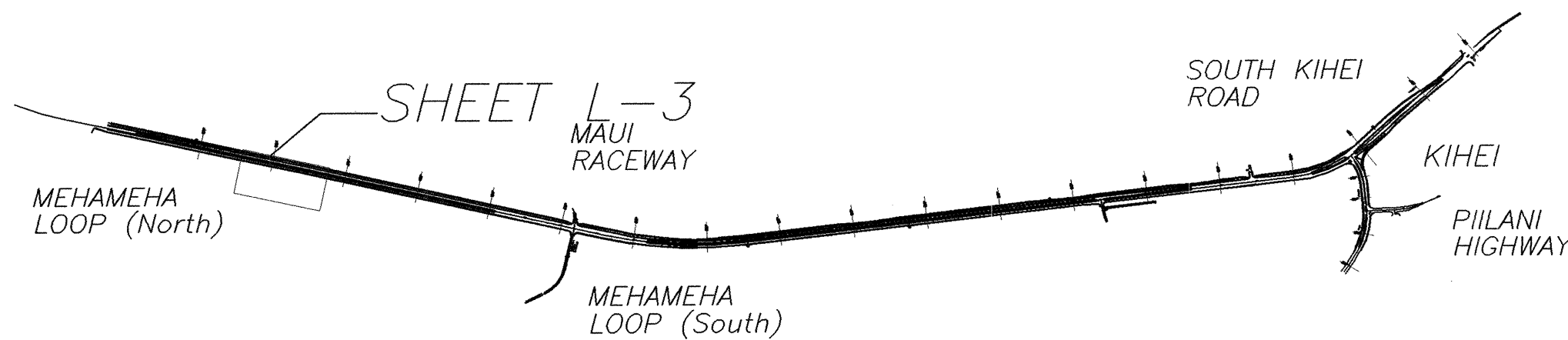
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING PLAN - STA. 180+00 TO 190+00
MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005
SHEET No. L-2 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	149	173

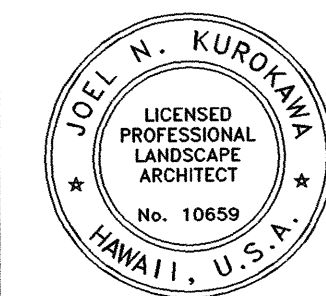
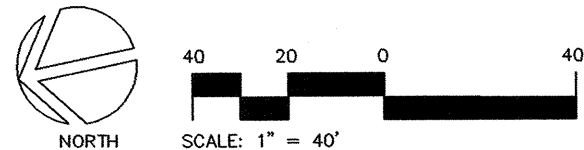


NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.



KEY MAP
NO SCALE

EST. QTY.	PLANT LIST COMMON NAME
6 EA.	AALII
6 EA.	ALAHEE
5 EA.	HAO
3 EA.	KAMANI
3 EA.	LOULU PALM
7 EA.	NAIO
162,000 SF.	GRASSING
1,980 CY.	IMPORTED SCREENED SOIL
996 CY.	SOIL AMENDMENTS
500 LF.	IRRIGATION SLEEVES
120 LF.	ROOT BARRIER
5 CY.	COVER MULCH



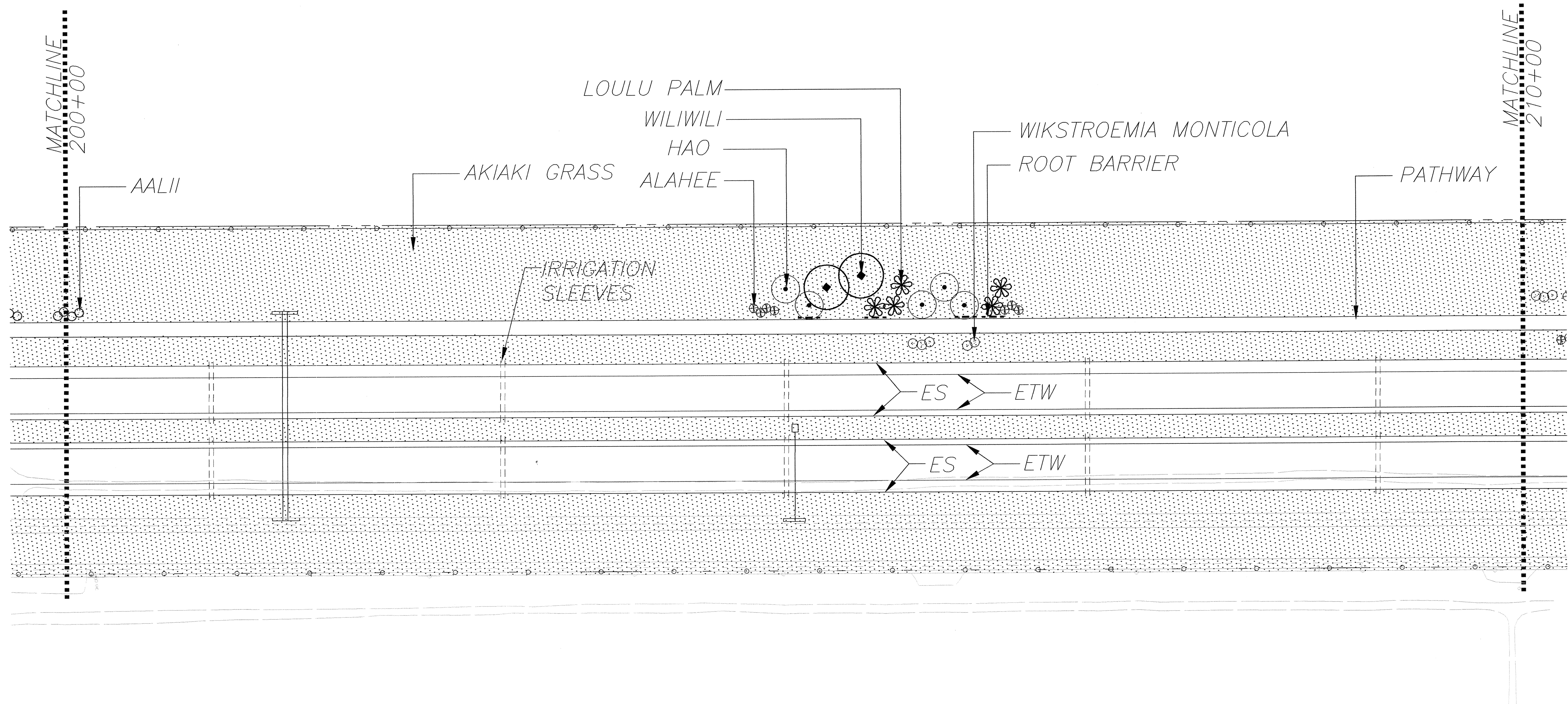
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING PLAN - STA. 190+00 - 200+00

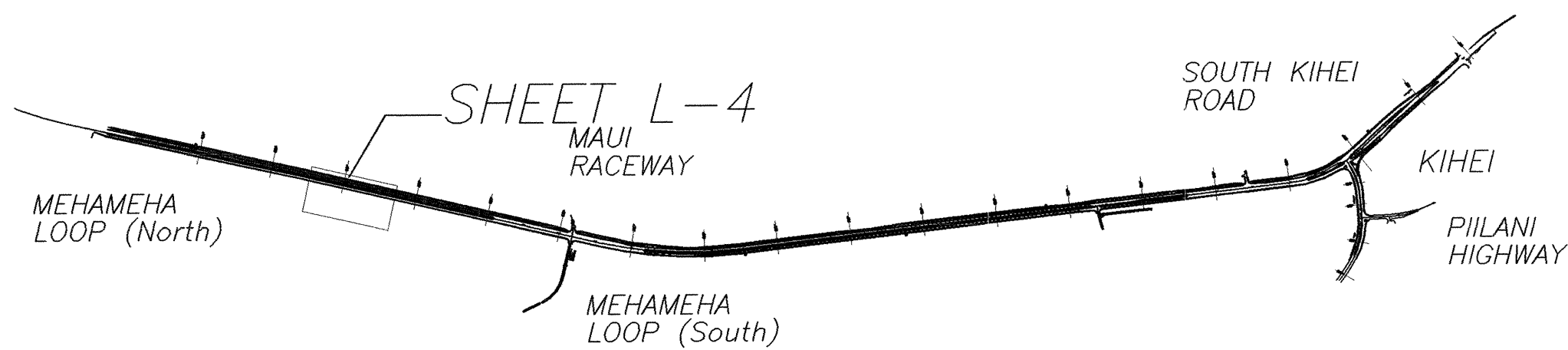
MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005

SHEET No. L-3 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	150	173

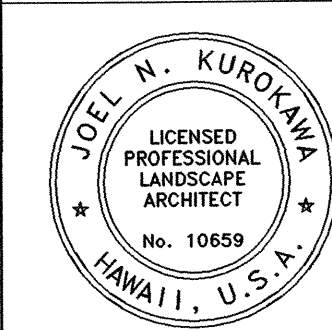
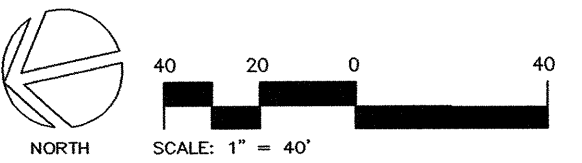


NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.



KEY MAP
NOT SCALE

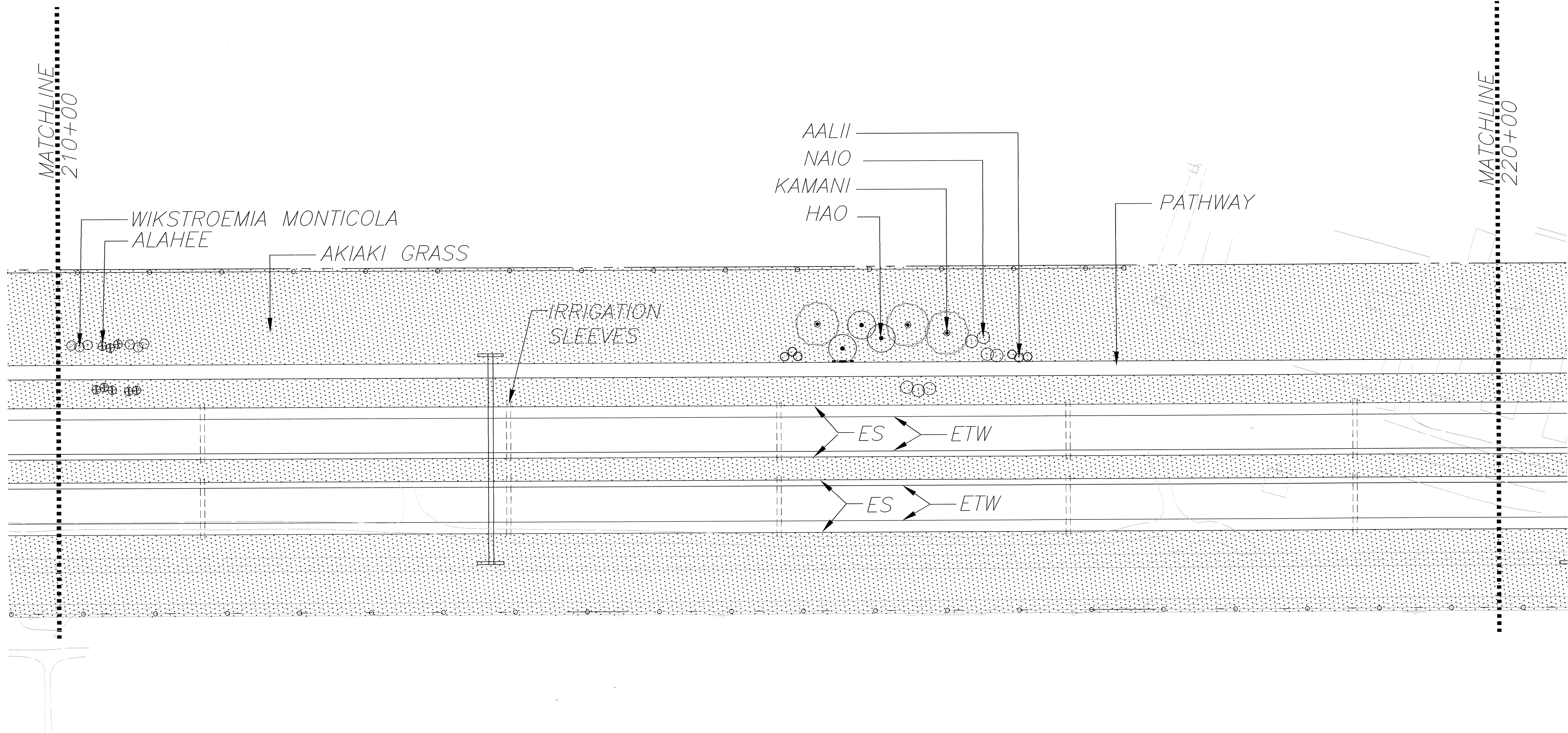
EST. QTY.	PLANT LIST COMMON NAME
2 EA.	AALII
7 EA.	ALAHEE
5 EA.	HAO
5 EA.	LOULU PALM
5 EA.	WIKSTROEMIA MONTICOLA
2 EA.	WILIWILI
160,200 SF.	GRASSING
1,958 CY.	IMPORTED SCREENED SOIL
985 CY.	SOIL AMENDMENTS
500 LF.	IRRIGATION SLEEVES
60 LF.	ROOT BARRIER
5 CY.	COVER MULCH



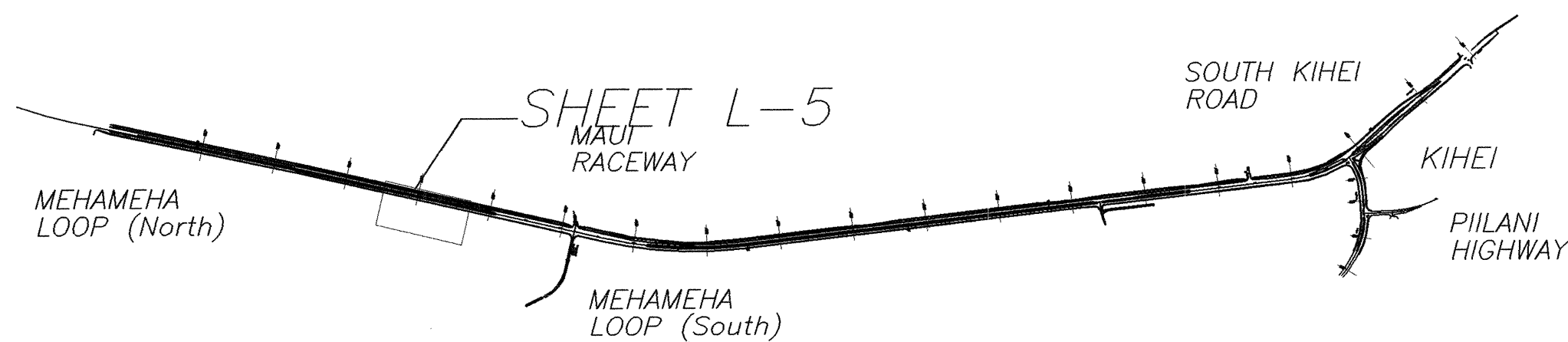
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING PLAN - STA. 200+00 - 210+00
MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005
SHEET No. L-4 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	151	173

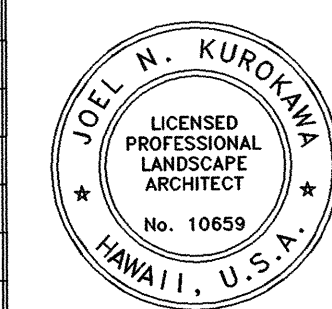
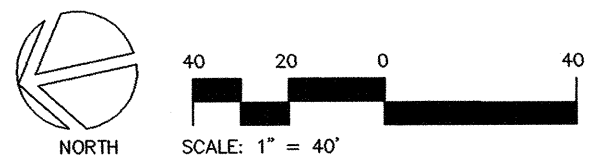


NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.



KEY MAP
NO SCALE

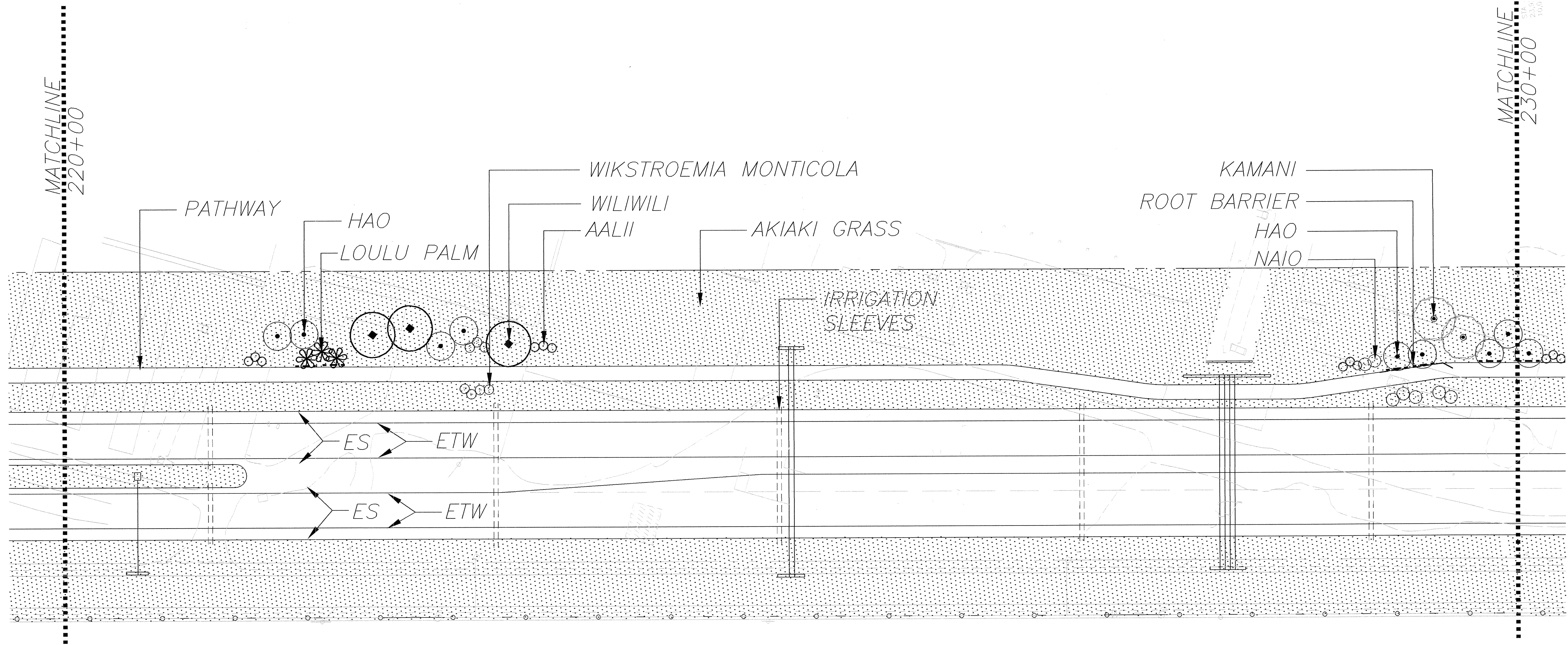
EST. QTY.	PLANT LIST COMMON NAME
6 EA.	AALII
8 EA.	ALAHE'E
3 EA.	HAO
3 EA.	KAMANI
7 EA.	NAIO
6 EA.	WIKSTROEMIA MONTICOLA
160,900 SF.	GRASSING
1,967 CY.	IMPORTED SCREENED SOIL
989 CY.	SOIL AMENDMENTS
500 LF.	IRRIGATION SLEEVES
15 LF.	ROOT BARRIER
6 CY.	COVER MULCH



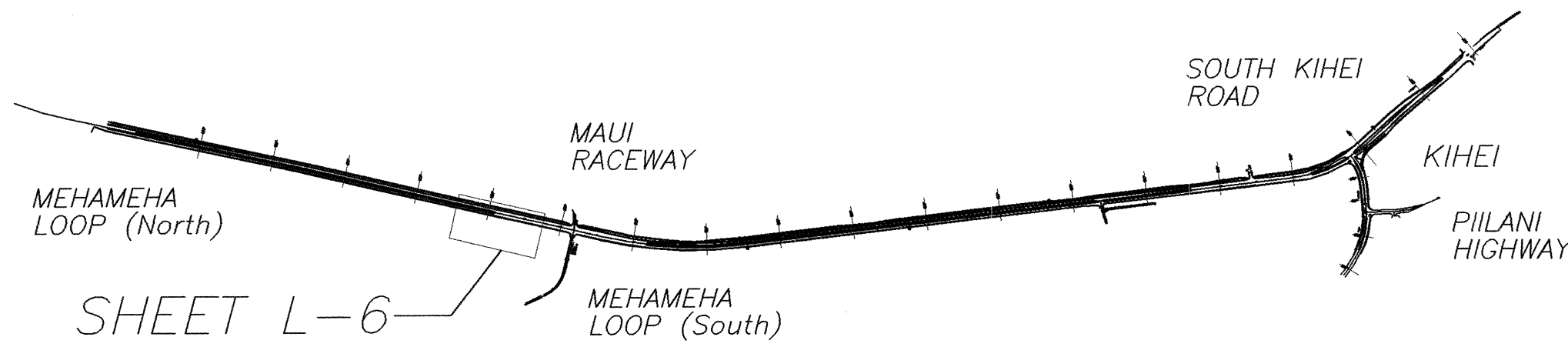
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION
Joel N. Kurokawa
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING PLAN - STA. 210+00 - 220+00
MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005
SHEET No. L-5 OF 14 SHEETS

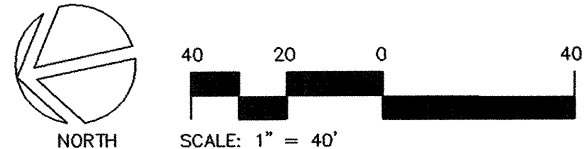
FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	152	173



NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.



PLANT LIST	
EST. QTY.	COMMON NAME
9 EA.	AALII
8 EA.	HAO
2 EA.	KAMANI
3 EA.	LOULU PALM
7 EA.	NAIO
7 EA.	WIKSTROEMIA MONTICOLA
3 EA.	WILIWILI
135,000 SF.	GRASSING
1,650 CY.	IMPORTED SCREENED SOIL
830 CY.	SOIL AMENDMENTS
500 LF.	IRRIGATION SLEEVES
75 LF.	ROOT BARRIER
7 CY.	COVER MULCH



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04/30/06
EXPIRATION DATE OF THE LICENSE

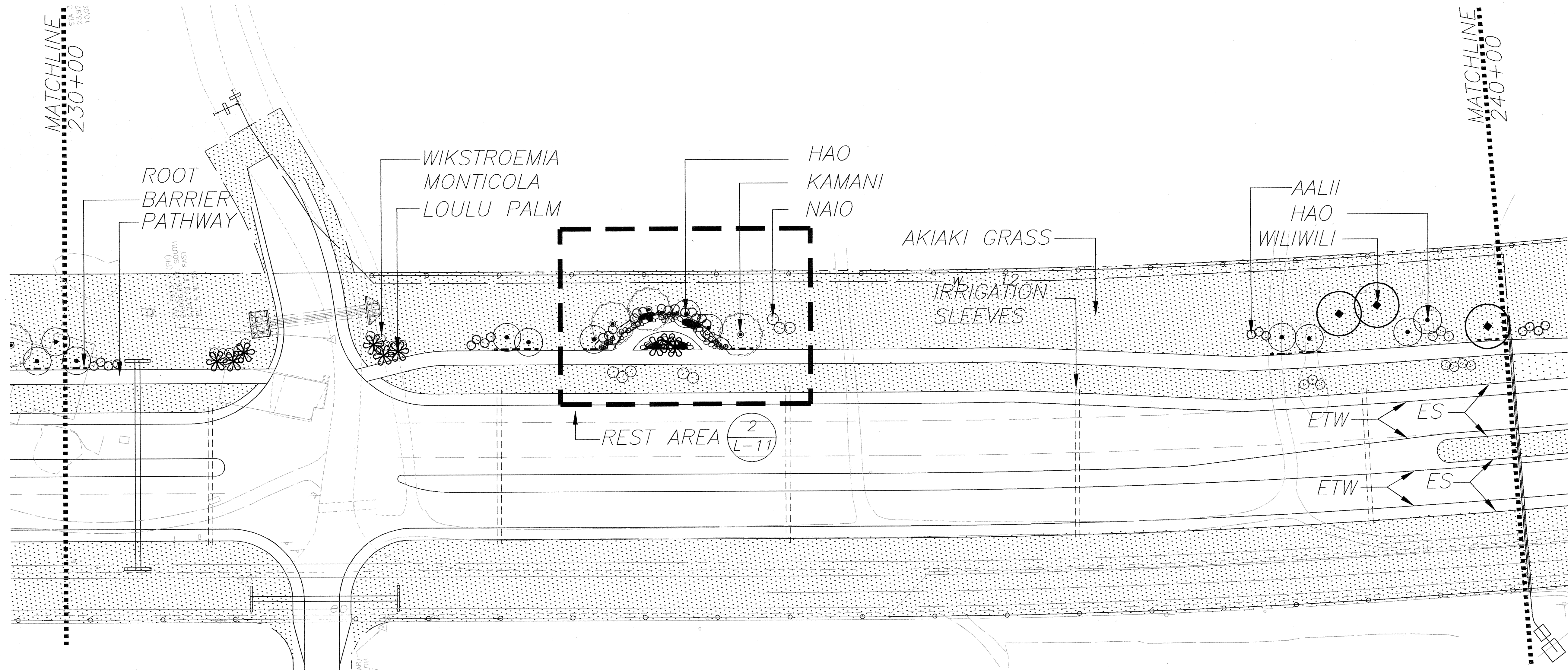
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLANTING PLAN - STA. 200+00 - 230+00

MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005

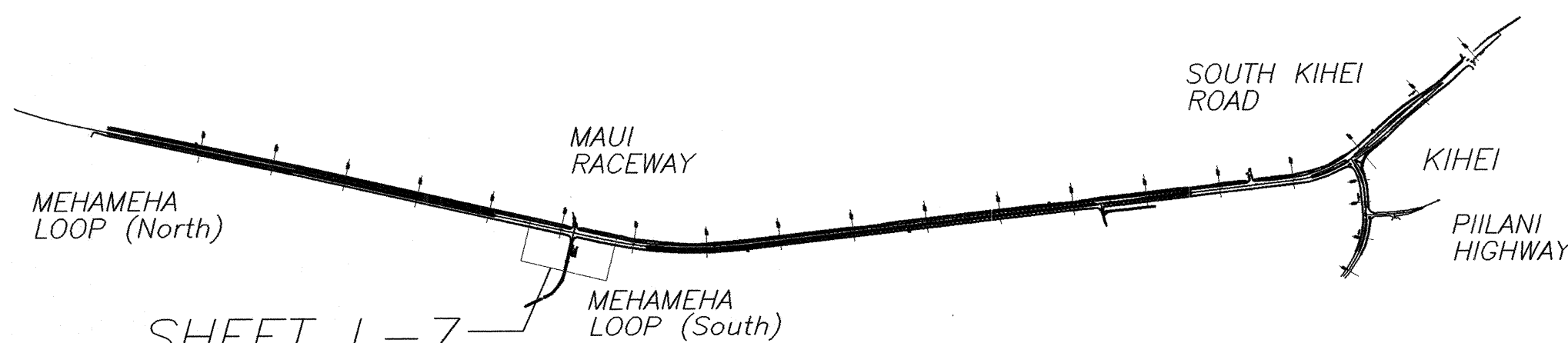
SHEET No. L-6 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	153	173

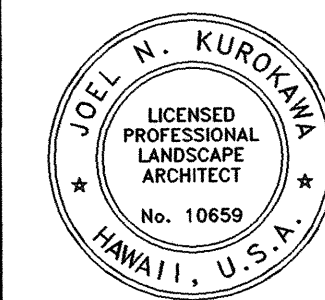
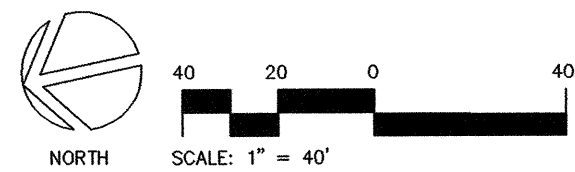


NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.

See sheet L-14 for shrub and ground cover quantity and type.



PLANT LIST	
EST. QTY.	COMMON NAME
11 EA.	AALII
10 EA.	HAO
3 EA.	KAMANI
9 EA.	LOULU PALM
8 EA.	NAIO
20 EA.	WIKSTROEMIA MONTICOLA
3 EA.	WILIWILI
133,000 SF.	GRASSING
1,639 CY.	IMPORTED SCREENED SOIL
821 CY.	SOIL AMENDMENTS
500 LF.	IRRIGATION SLEEVES
150 LF.	ROOT BARRIER
21 CY.	COVER MULCH

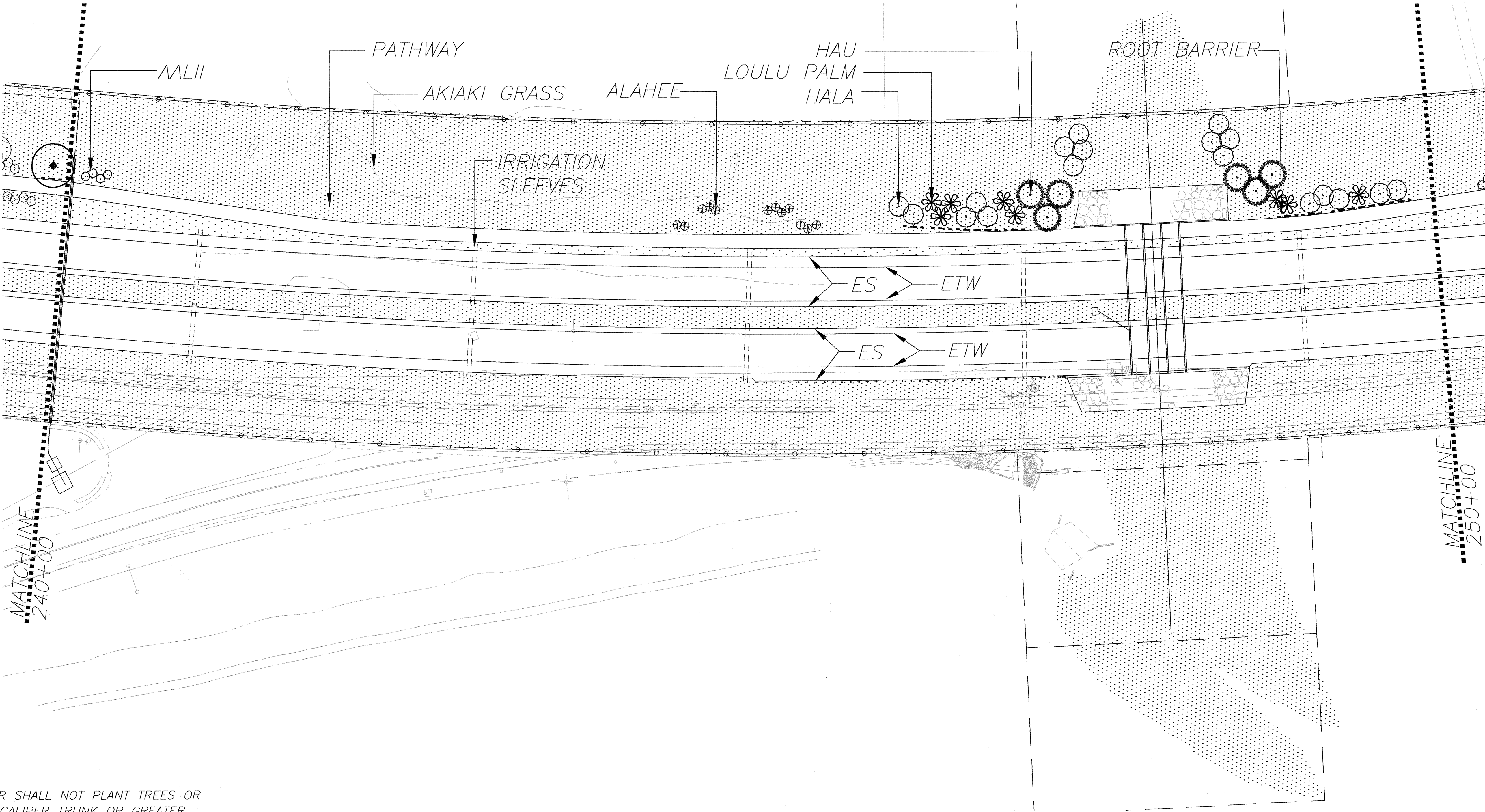


THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

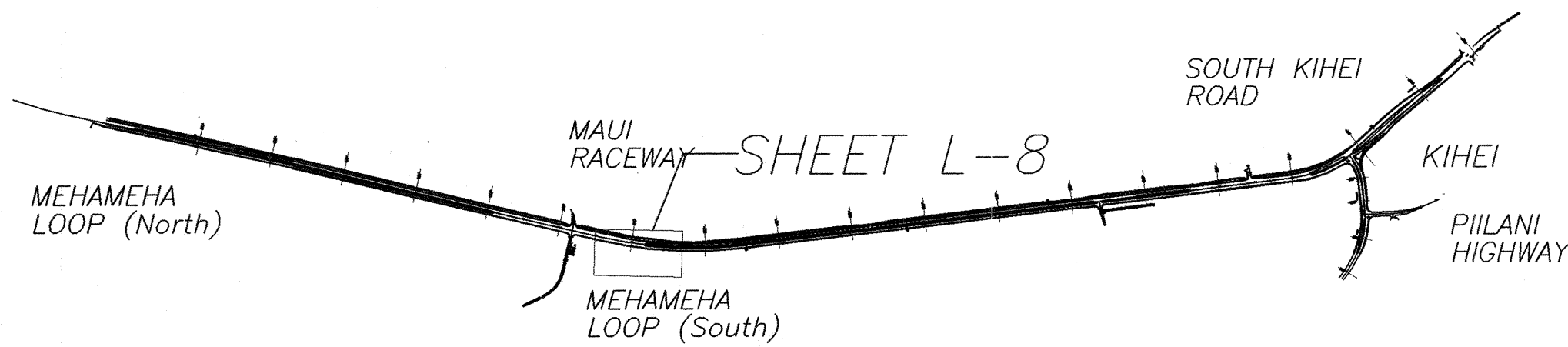
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING PLAN - STA. 230+00 - 240+00
MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005
SHEET No. L-7 OF 14 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
CHECKED BY	
NO.	

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	154	173



NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.

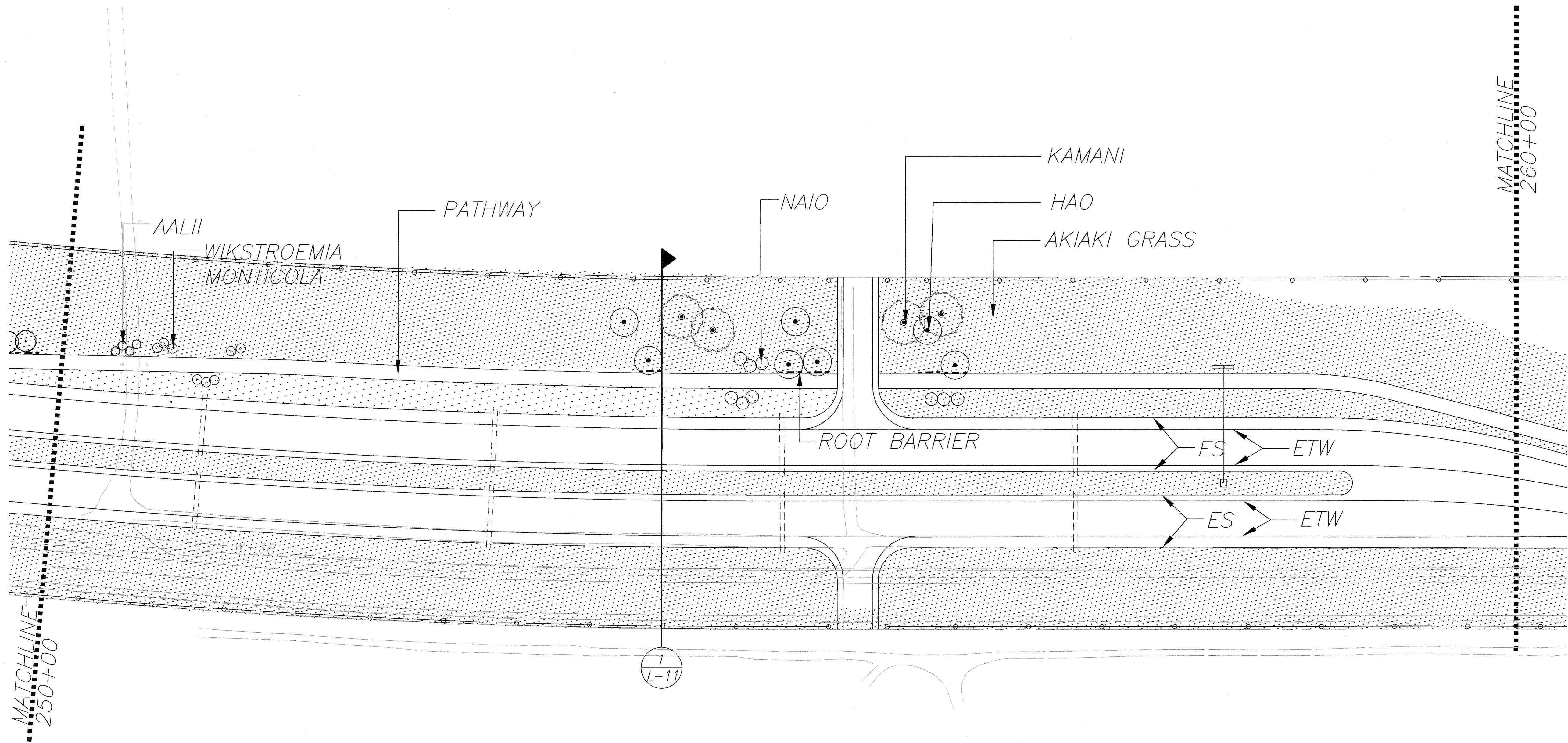


EST. QTY.	PLANT LIST COMMON NAME
4 EA.	AALII
12 EA.	ALAHEE
18 EA.	HALA
6 EA.	HAU
8 EA.	LOULU PALM
192,400 SF.	GRASSING
2,352 CY.	IMPORTED SCREENED SOIL
1,183 CY.	SOIL AMENDMENTS
500 LF.	IRRIGATION SLEEVES
165 LF.	ROOT BARRIER
8 CY.	COVER MULCH

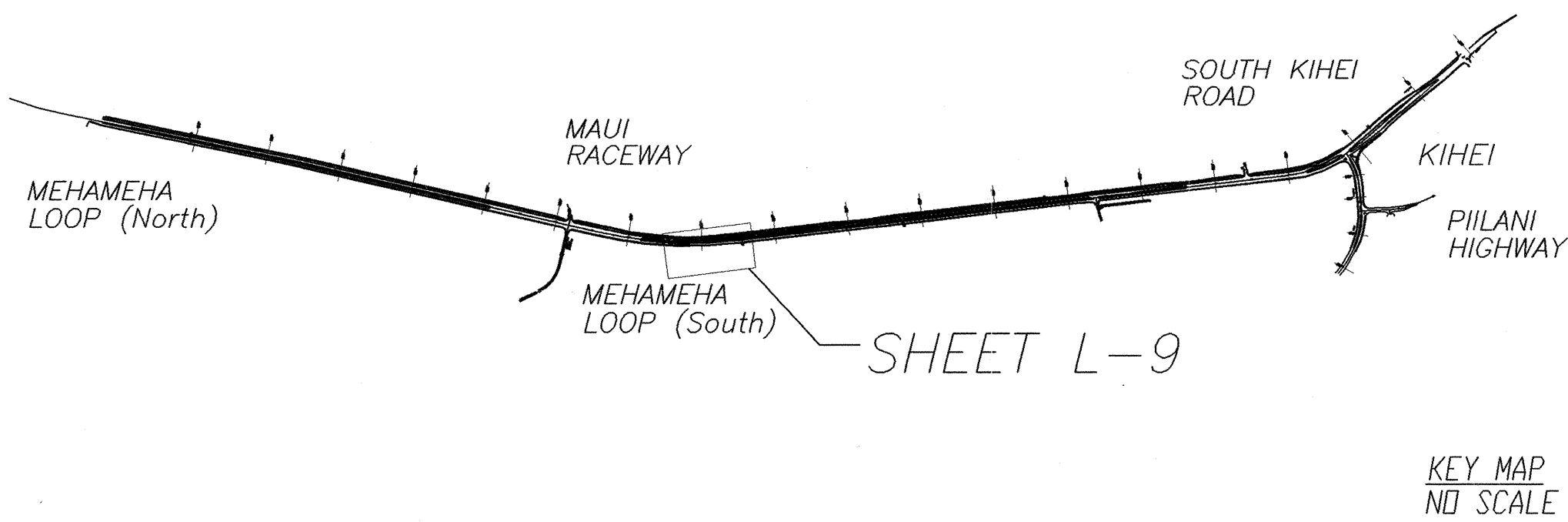


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING PLAN - STA. 240+00 - 250+00
MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005
SHEET No. L-8 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	155	173



NOTE: CONTRACTOR SHALL NOT PLANT TREES OR SHRUBS WITH 4" CALIPER TRUNK OR GREATER CLOSER THAN 30' TO THE EDGE OF ROAD TRAVELWAY.



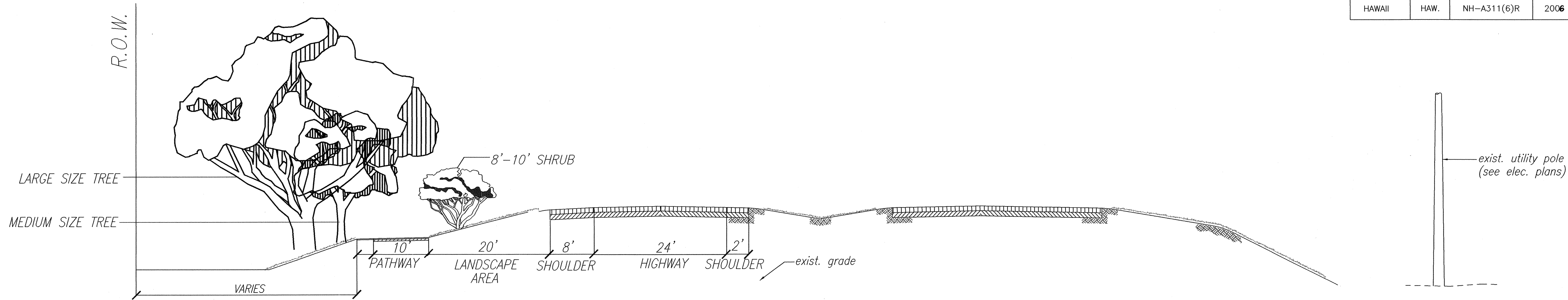
PLANT LIST	
EST. QTY.	COMMON NAME
4 EA.	AALII
7 EA.	HAO
4 EA.	KAMANI
9 EA.	NAIO
8 EA.	WIKSTROEMIA MONTICOLA
153,300 SF.	GRASSING
1,874 CY.	IMPORTED SCREENED SOIL
943 CY.	SOIL AMENDMENTS
400 LF.	IRRIGATION SLEEVES
75 LF.	ROOT BARRIER
6 CY.	COVER MULCH



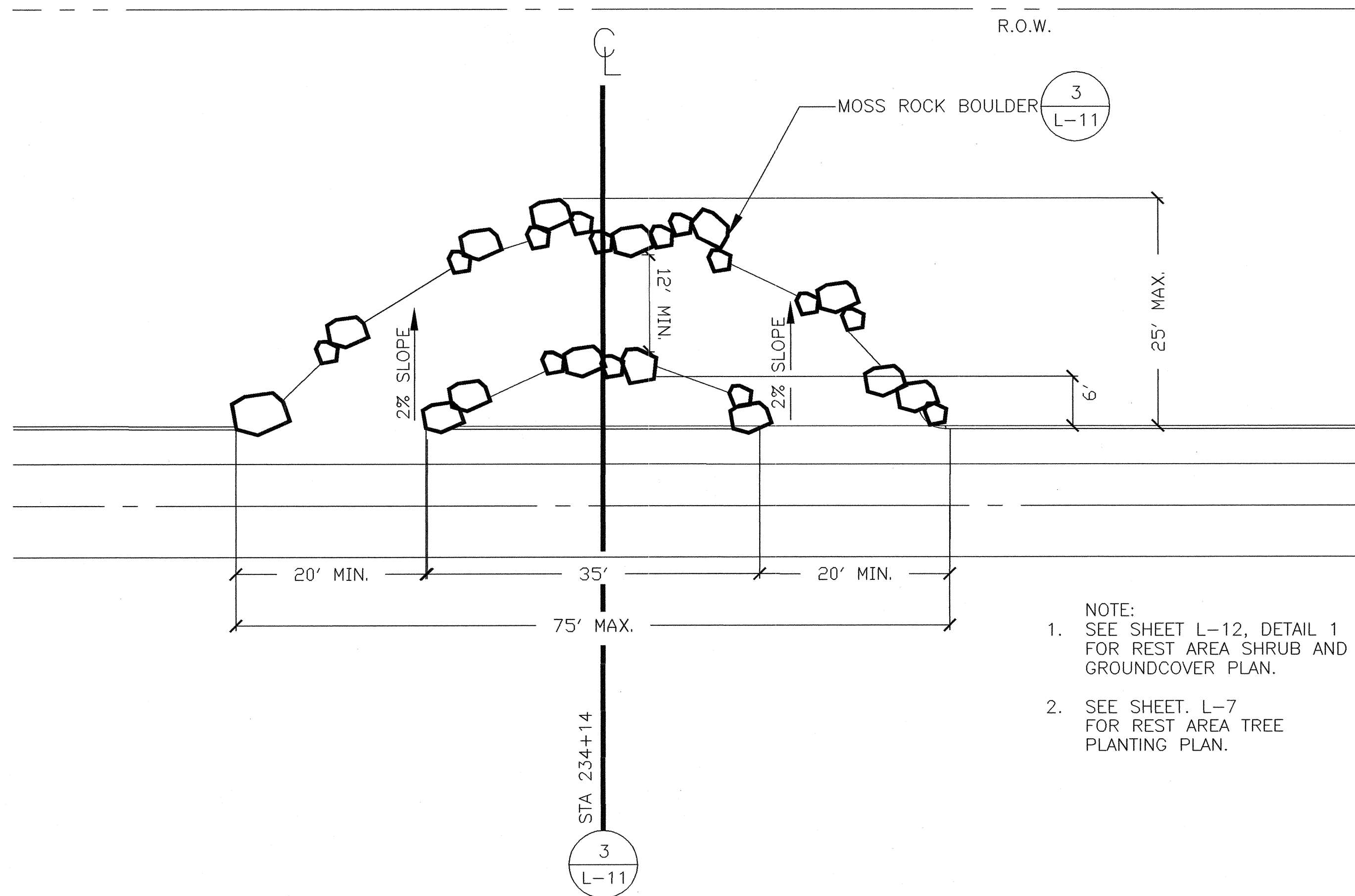
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING PLAN - STA. 250+00 - 260+00
MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005
SHEET No. L-9 OF 14 SHEETS

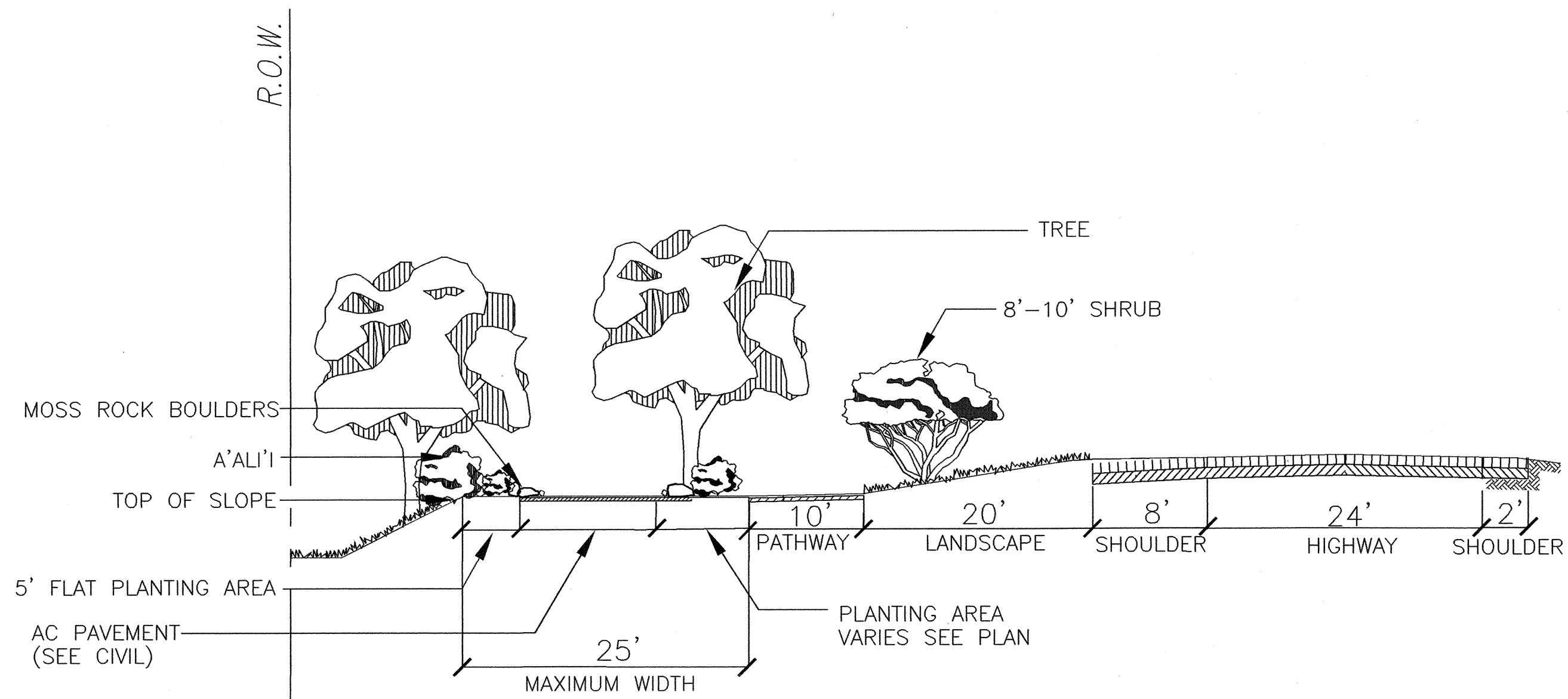
FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	157	173



1 TYPICAL SECTION ON TREE CLUSTER AREAS-MOKULELE HIGHWAY
L-11 SCALE: 1" = 10'



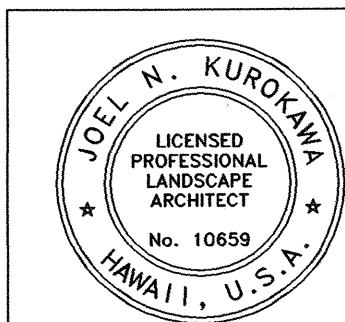
2 TYPICAL REST AREA LAYOUT PLAN
L-11 SCALE: 1" = 10'



3 TYPICAL REST AREA SECTION
L-11 SCALE: 1" = 10'

- NOTE:
- SEE SHEET L-12, DETAIL 1 FOR REST AREA SHRUB AND GROUNDCOVER PLAN.
 - SEE SHEET L-7 FOR REST AREA TREE PLANTING PLAN.

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



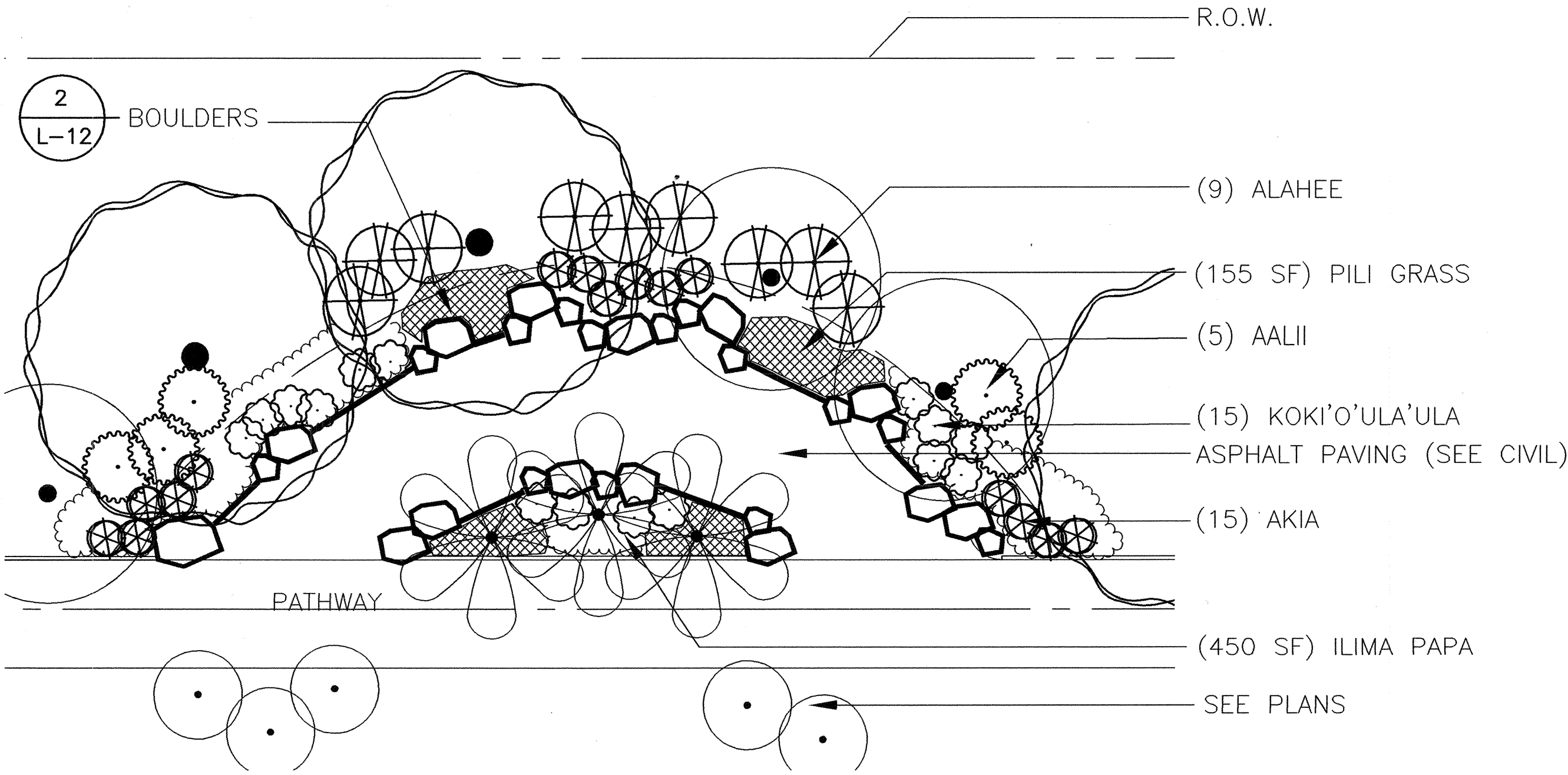
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL ROAD SECTIONS

MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005

SHEET No. L-11 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	158	173



NOTE: SEE SHEET L-7 FOR TREE PLANTING PLAN

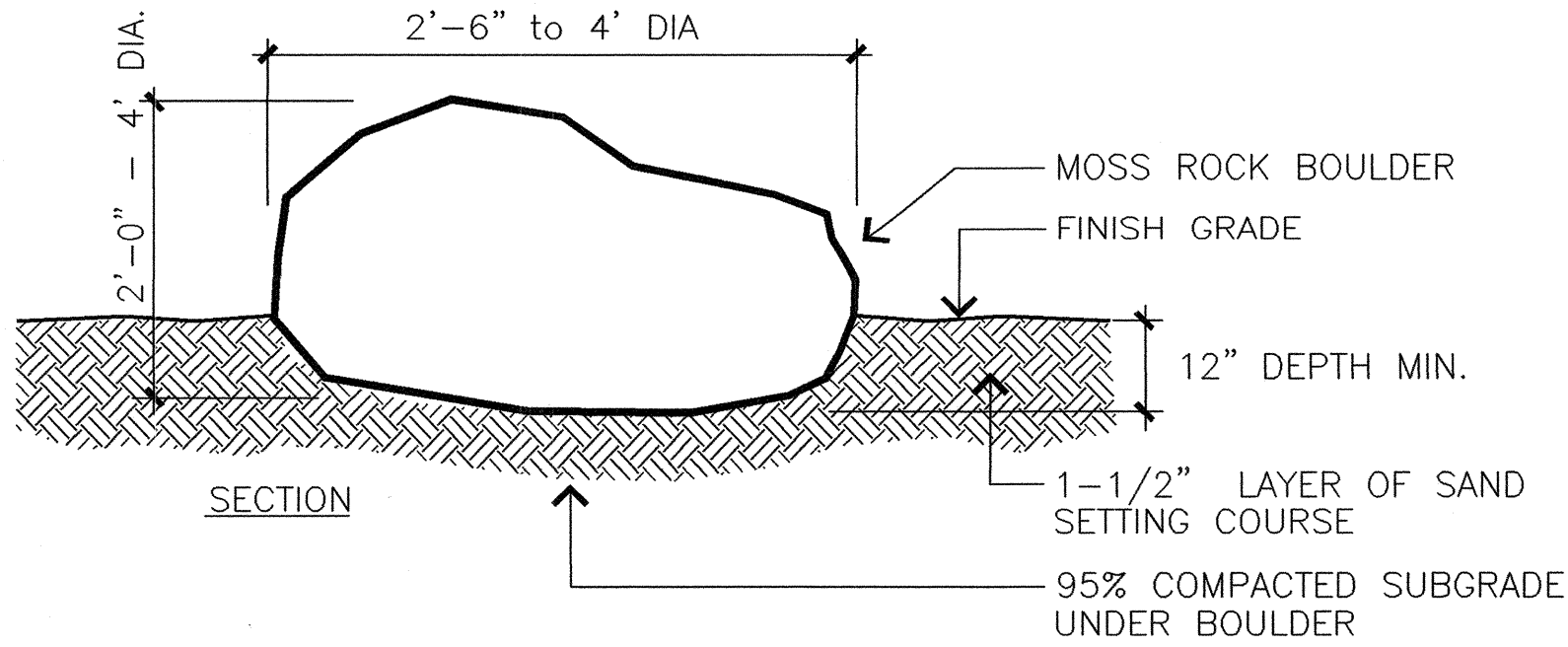
1 REST AREA SHRUB & GROUNDCOVER PLAN AT STA. 234+17
L-12 SCALE: 1" = 10'

NOTE:

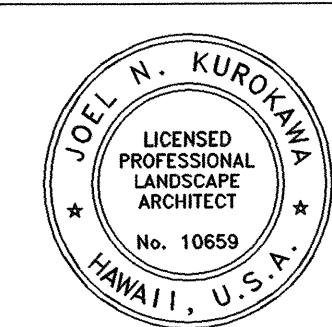
- BOULDERS SHALL BE INSPECTED AND APPROVED BY THE ENGINEER AT ITS SOURCE PRIOR TO TRANSPORTING TO THE PROJECT SITE.
- BOULDERS SHALL BE SET IN THE PRESENCE OF AND WITH APPROVAL FROM THE ENGINEER.

APPROXIMATE REST STOP BOULDER SIZES

# OF BOULDERS	9	8	11
DIAMETER	4'	3'	2'-6"



2 MOSS ROCK BOULDER DETAIL
L-12 NOT TO SCALE



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
REST STOP DETAILS

MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005

SHEET No. L-12 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(6)R	2006	159	173

SPECIAL CONDITIONS AND NOTES

THE FOLLOWING NOTES ARE PROVIDED TO INFORM THE CONTRACTOR OF SPECIFIC REQUIREMENTS, DIRECTIONS, INSPECTIONS, ETC. WHICH SHALL BE REQUIRED TO COMPLY WITH THE TERMS OF THE CONTRACT. THE CONTRACTOR SHALL REFER TO THE HAWAII STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND PUBLIC WORKS CONSTRUCTION (1994) AND THE SPECIAL PROVISIONS WHILE REVIEWING THE WORK INDICATED ON THE PLANS MENTIONED BELOW, ALSO LANDSCAPE OPERATIONS AND MAINTENANCE MANUAL IS AVAILABLE FOR INSPECTION FROM THE H DOT-HWY MAUI DISTRICT OFFICE.

1. PLANTING PLANS

- A. SUBMIT ALL NECESSARY SAMPLES AND DOCUMENTS TO ENGINEER PRIOR TO THE START OF WORK, I.E. CERTIFICATE OF PLANTS, MATERIALS, FERTILIZER AND WEEDING SCHEDULE, ETC. REFER TO SPECIFICATIONS SECTION 619.02(A), 619.02(B), 619.02(C), 619.02(D), AND 619.02(G)
- B. EXISTING DEBRIS AND PLANTS SHALL BE REMOVED. REFER TO SPECIFICATIONS 619.03(A), 619.03(H)(1), AND 619.03(H)(4).
- C. IMPORTED PLANTING SOIL AND ORGANIC SOIL AMENDMENTS SHALL BE REQUIRED. REFER TO SPECIFICATIONS 619.03(A).
- D. THE CONTRACTOR SHALL MEET THE MINIMUM ACCEPTABLE STANDARDS FOR PLANT SIZE. REFER TO SPECIFICATIONS 619.02(C) AND THE "REMARKS" COLUMN OF THE PLANT LIST FOR MINIMUM REQUIREMENTS.
- E. EXCAVATION FOR PLANT HOLES SHALL BE REQUIRED. PROPER PREPARATION OF PLANT HOLES WILL BE MONITORED. SEE SPECIFICATIONS 619.03(A), 619.03(D) AND 201.
- F. A MINIMUM THIRTY-SIX (36) MONTH PLANT ESTABLISHMENT PERIOD IS REQUIRED. REFER TO SECTION 619.03(I).
- G. FORMAL INSPECTIONS BY THE ENGINEER WILL BE HELD WITH THE CONTRACTOR TO VERIFY COMPLIANCE TO THE CONTRACT AS LISTED IN SECTION 619.03(J)
- H. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER WRITTEN CERTIFICATION THAT ALL NATIVE HAWAIIAN PLANT MATERIALS SPECIFIED HAVE BEEN PROPAGATED FROM SEED OR PLANT STOCKS ORIGINALLY FROM THE EAST MAUI REGION.

2. TEMPORARY IRRIGATION

- A. THE CONTRACTOR SHALL SEEK AND SECURE A POTABLE OR NON-POTABLE WATER SOURCE FOR TEMPORARY IRRIGATION OF ALL LANDSCAPE AREAS WITHIN THE PROJECT LIMITS DURING THE CONTRACT PERIOD. ALL REQUIRED PERMITS, FEES AND CHARGES FOR SECURING, TRANSPORTING AND USING THE WATER SHALL BE BORN BY THE CONTRACTOR.
- B. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEERS FOR REVIEW AND APPROVAL FROM AN ENVIRONMENTAL TESTING LABORATORY, A WATER QUALITY ANALYSIS REPORT OF WATER SAMPLES TAKEN FROM THE PROPOSED WATER SOURCE.
- C. THE CONTRACTOR SHALL PROVIDE A TEMPORARY IRRIGATION SYSTEM APPROVED BY THE ENGINEER TO PROVIDE SUPPLEMENTAL WATER TO ALL LANDSCAPE AREAS WITHIN THE PROJECT LIMITS THROUGHOUT THE PLANTING AND THE PLANT ESTABLISHMENT PERIOD. REFER TO SECTION 619 PLANTING AND TRANSPLANTING.

THE FOLLOWING PROCEDURES SHALL BE FOLLOWED:

- a. AFTER THE CONTRACT HAS BEEN AWARDED TO THE CONTRACTOR, SUBMIT A PLAN FOR THE TEMPORARY IRRIGATION SYSTEM FOR APPROVAL BY THE ENGINEER. APPROVAL WILL BE BASED ON COMPLIANCE TO THE IRRIGATION PERFORMANCE REQUIREMENTS LISTED BELOW, ITEM NO. 3.

THE APPROVED IRRIGATION SYSTEM PLAN SHALL BE INSTALLED OR MADE AVAILABLE FOR A FIELD TEST IN THE PRESENCE OF THE ENGINEER. MAKE ALL NECESSARY ADJUSTMENTS TO THE SYSTEM IN ACCORDANCE TO THE PERFORMANCE REQUIREMENTS AND AS DIRECTED BY THE ENGINEER. CONTACT THE ENGINEER IN WRITING ONE WEEK IN ADVANCE TO ARRANGE A DAY AND TIME OF THE FIELD TEST.

THE TYPE OF IRRIGATION SYSTEM TO BE PROVIDED IS AT THE CONTRACTOR'S DISCRETION SO LONG AS IT MEETS THE IRRIGATION PERFORMANCE REQUIREMENTS LISTED BELOW.

- D. 6" PVC SLEEVES UNDER THE ROADWAY ARE INDICATED ON THE LANDSCAPE PLANS FOR USE BY THE CONTRACTOR IF SO DESIRED.

3. TEMPORARY IRRIGATION PERFORMANCE REQUIREMENTS

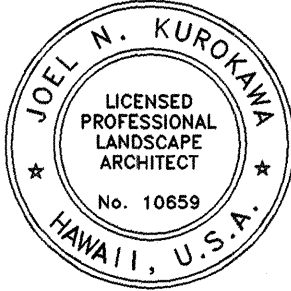

- A. THE INTENT OF THE TEMPORARY IRRIGATION SYSTEM (OR METHOD) IS TO PROVIDE A RELIABLE AND REGULATED SOURCE OF SUPPLEMENTAL WATER TO NEW PLANTING AREAS TO OPTIMIZE PLANT GROWTH AND ROOT DEVELOPMENT DURING THE PLANTING AND PLANT ESTABLISHMENT PERIOD.

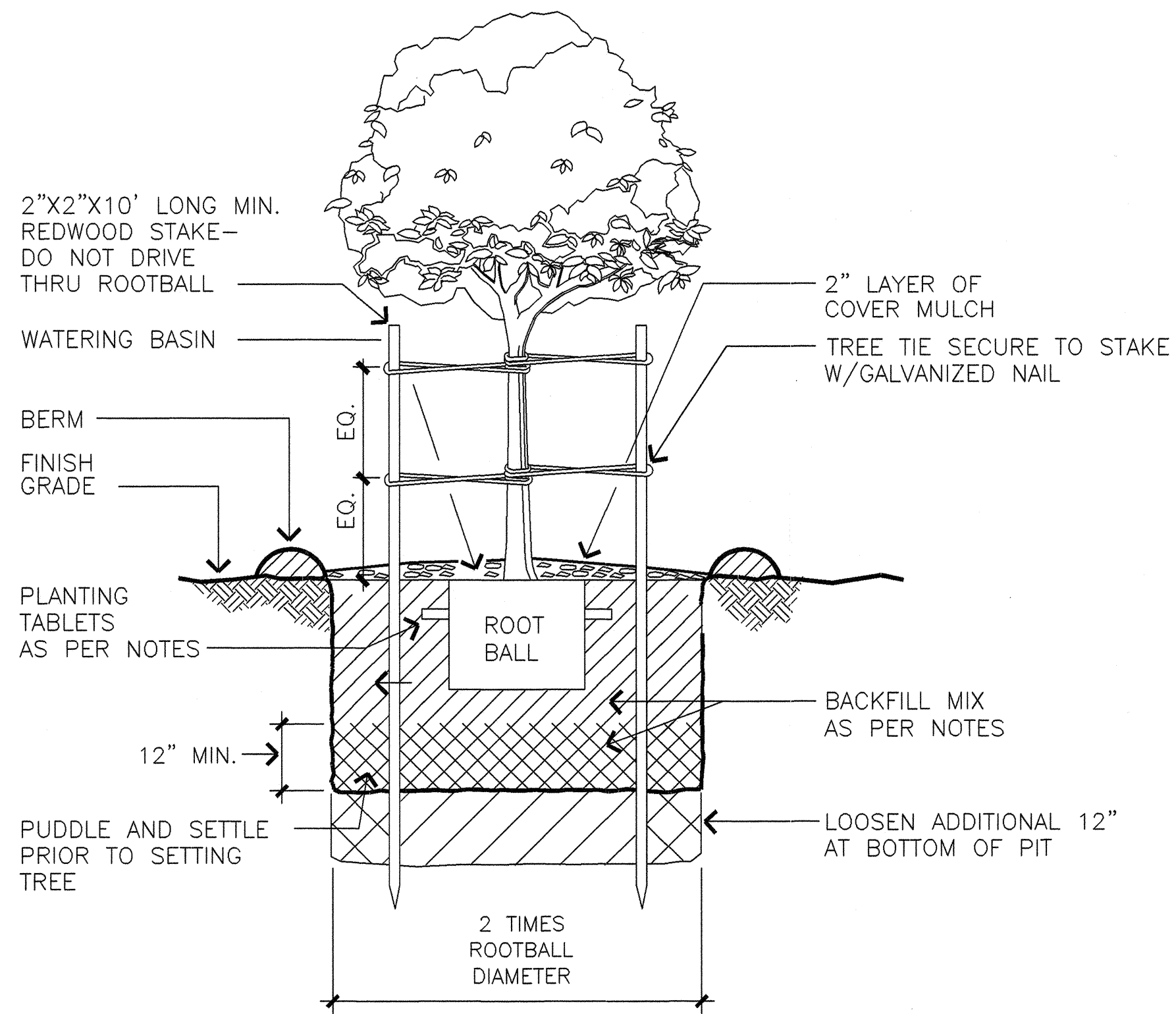
- B. REGULATE IRRIGATION TO ENSURE ACTIVE GROWTH KEEPING AREAS MOIST BUT NOT SATURATED. REGULATE IRRIGATION TO AVOID MISTING AND OVERSPRAYING AS WELL AS TO AVOID EROSION AND GULLYING.
- C. THE FREQUENCY AND QUANTITY OF IRRIGATION WATER SHALL BE GRADUALLY REDUCED AND EVENTUALLY ELIMINATED AT THE END OF THE PLANT ESTABLISHMENT PERIOD TO ACCLIMATIZE THE PLANTS TO ENABLE THEM TO SURVIVE UNDER NATURAL CONDITIONS.
- D. THROUGH OUT THE INITIAL PLANTING PERIOD AND THE FIRST 90 DAYS OF THE PLANT ESTABLISHMENT PERIOD, WATER DAILY. APPLY APPROXIMATELY 1/4 INCH OF WATER IN A 10-15 MINUTE RUN TIME.
- E. REDUCE THE FREQUENCY OF WATERING DURING THE PLANT ESTABLISHMENT PERIOD TO EVERY OTHER DAY FROM DAY 91 TO DAY 365 (OR END OF 12 MONTHS) OF THE PLANT ESTABLISHMENT PERIOD. APPLY AT THE SAME RATE ABOVE. MONITOR FOR ANY SIGNS OF DROUGHT STRESS AND ADJUST AS NECESSARY.
- F. FROM DAY 366 TO DAY 913 (OR END OF 30 MONTHS) OF THE PLANT ESTABLISHMENT PERIOD, FURTUR REDUCE THE FREQUENCY OF WATERING TO EVERY THIRD DAY. MAINTAIN THE SAME RATE AS ABOVE. MONITOR AND ADJUST AS REQUIRED.
- G. FROM DAY 914 TO DAY 1096 (OR END 36 MONTHS) OF THE PLANT ESTABLISHMENT PERIOD REDUCE THE FREQUENCY OF WATERING TO ONCE A WEEK. APPLY AT THE SAME RATE ABOVE. MONITOR FOR ANY SIGNS OF DROUGHT STRESS AND ADJUST AS NECESSARY.
- H. AT THE FINAL ACCEPTANCE AND COMPLETION OF THE PROJECT THE TEMPORARY IRRIGATION SYSTEM (OR METHOD) SHALL BE SHUT-OFF, DISMANTLED AND REMOVED.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE

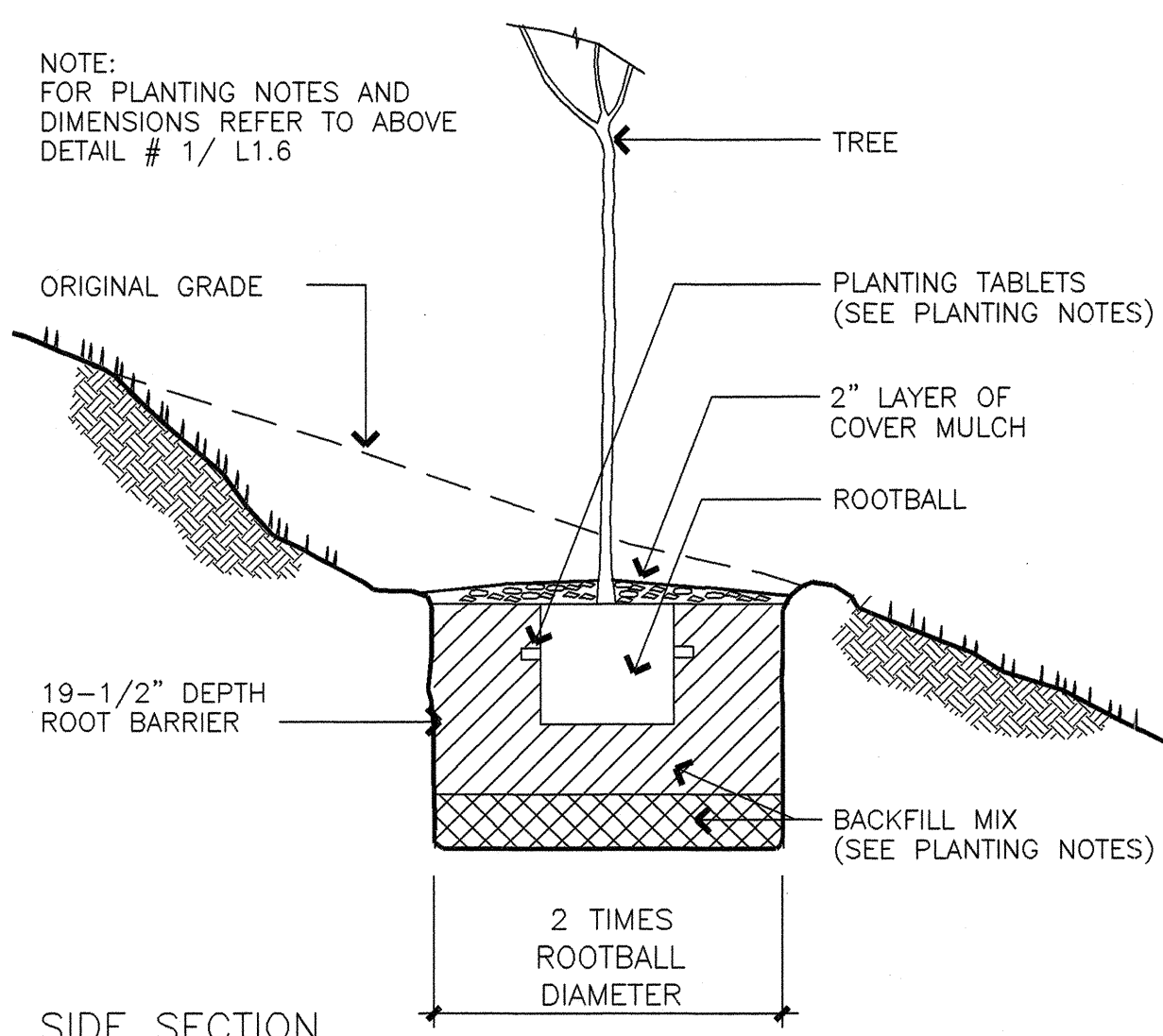
NOTE BOOK	DESIGNED BY	_____

No.	CHECKED BY	_____

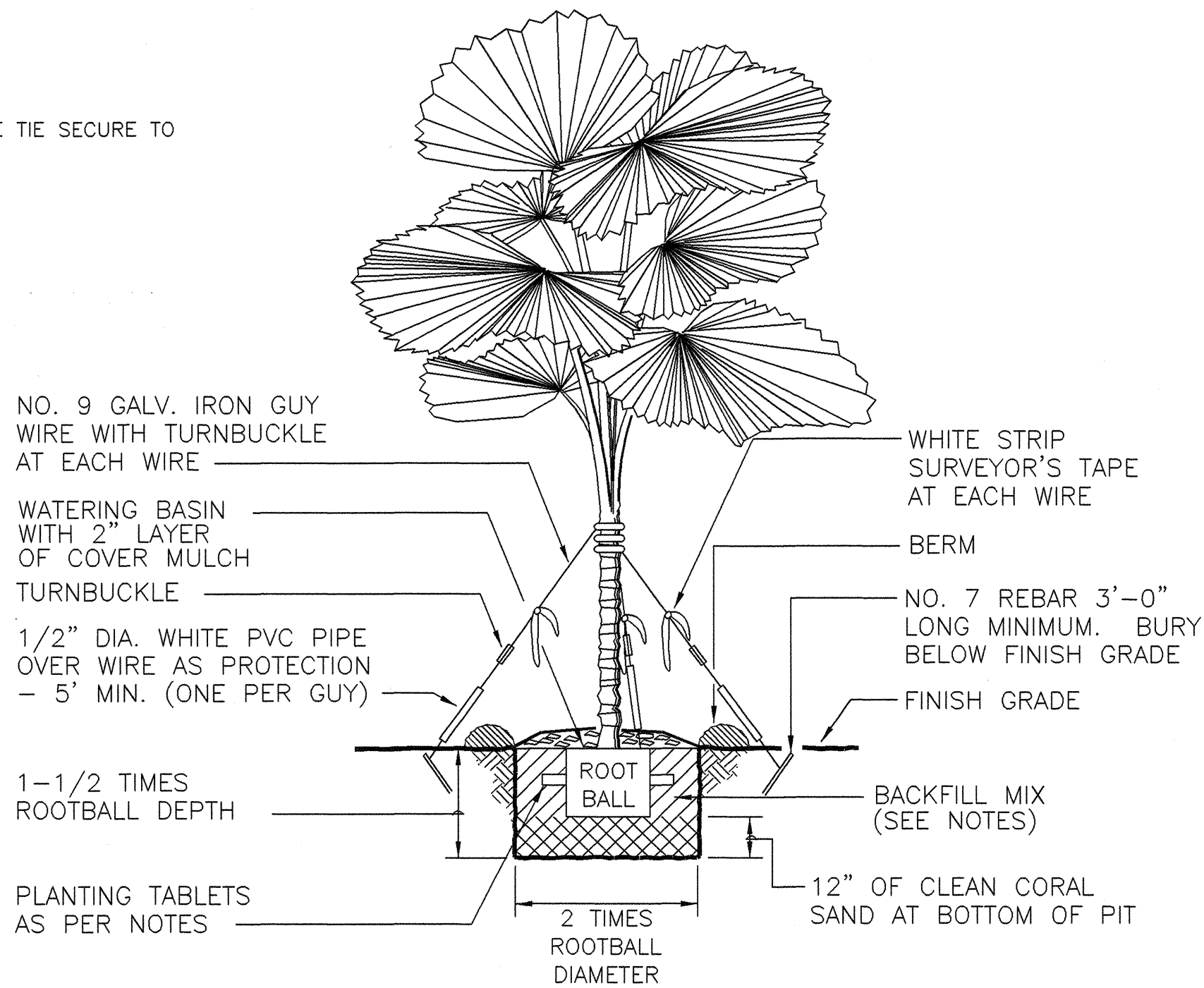
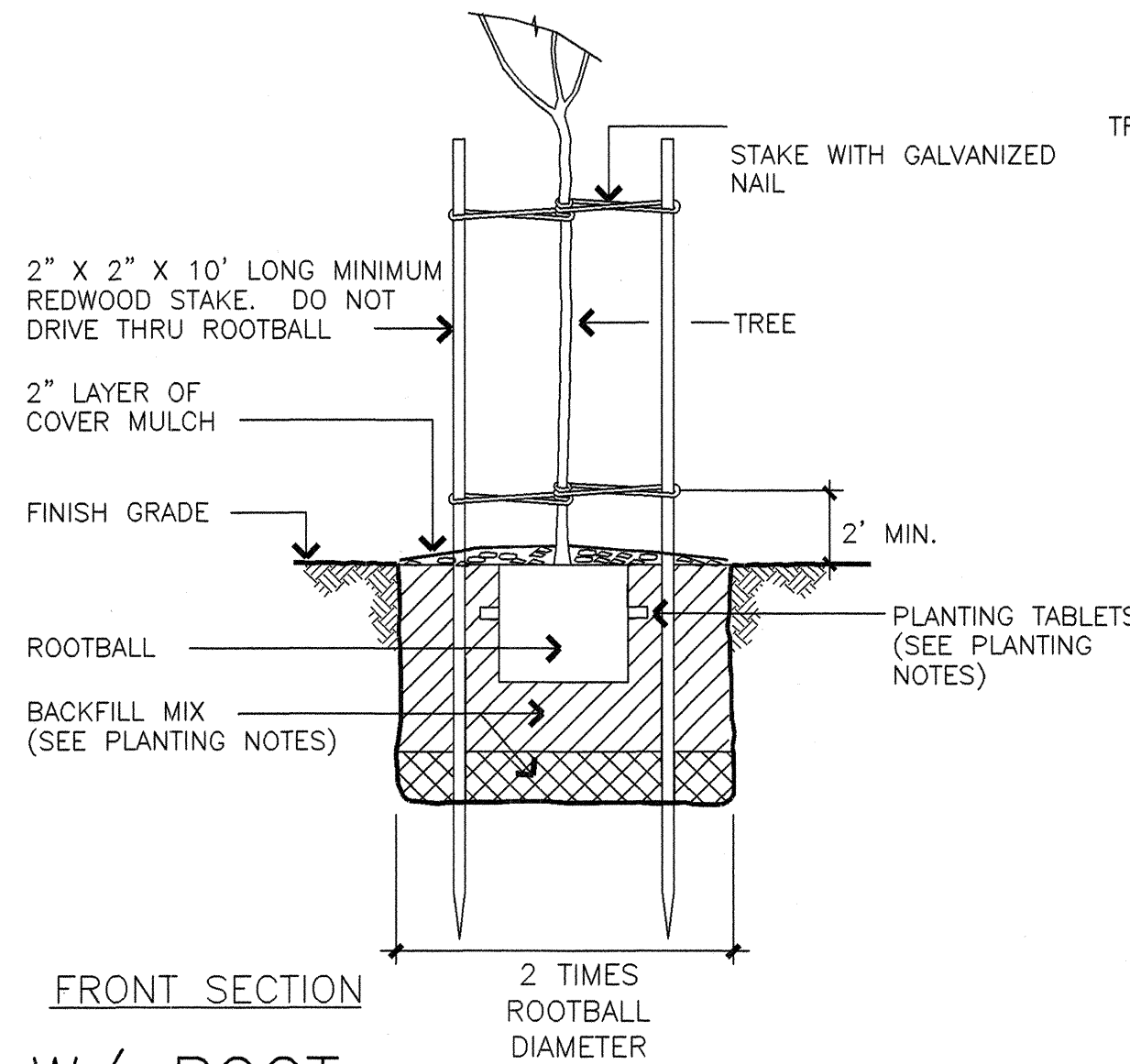
  THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION 04/30/06 EXPIRATION DATE OF THE LICENSE	STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION <u>SPECIAL CONDITIONS & NOTES</u> MOKULELE HIGHWAY WIDENING Maui Humane Society To Vicinity of Kolaloa Bridge Federal - Aid Project No. NH-A311(6)R Date: JUNE 2005
	SHEET No. L-13 OF 14 SHEETS



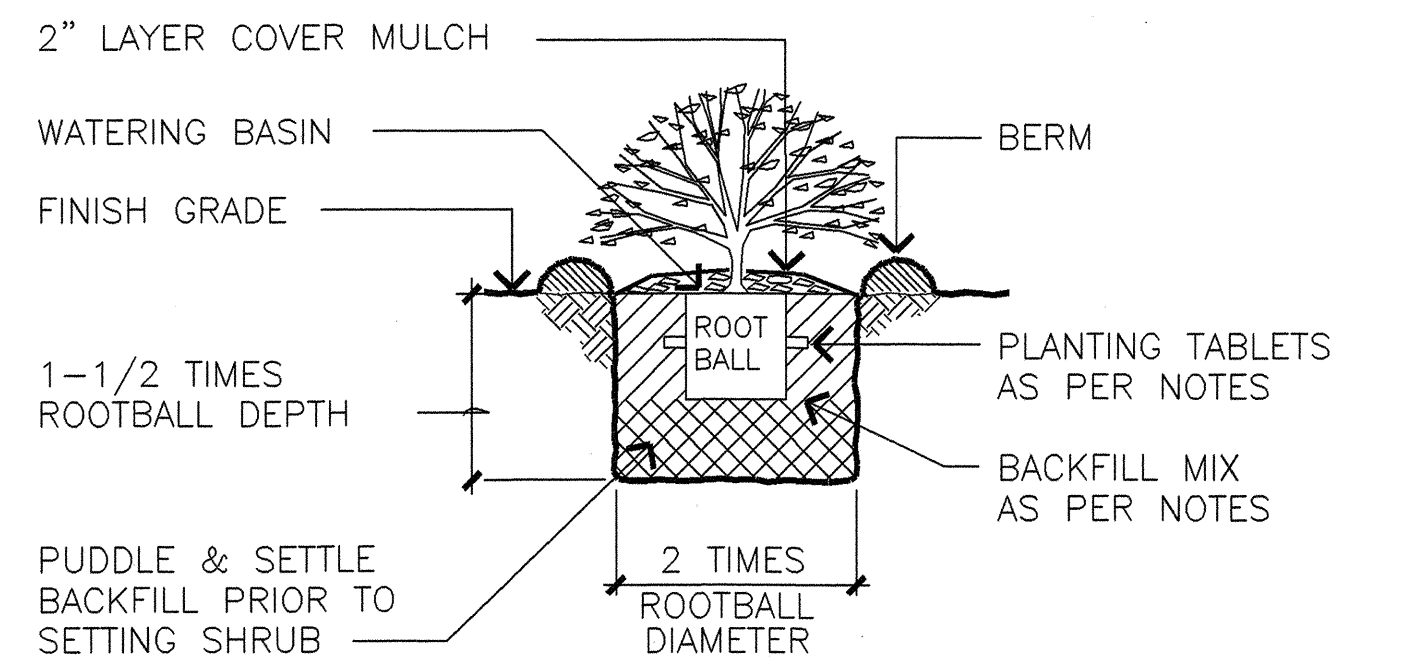
1 TREE PLANTING AND STAKING
L-14 W/ ROOT BARRIER DETAIL
NOT TO SCALE



2 TREE PLANTING AND STAKING W/ ROOT
L-14 BARRIER ON SLOPE
NOT TO SCALE



3 PALM PLANTING DETAIL
L-14 NOT TO SCALE



4 SHRUB PLANTING DETAIL
L-14 NOT TO SCALE

MATERIALS LIST

QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
31 EA.	PALMS LOULU PALM	PRITCHARDIA ARECINA	FS.	3' BTH., 5' SPREAD
11 EA.	TREES WILIWILI	ERYTHRINA SANDWICENSIS	25 GAL.	8' HT., 4' SPREAD, 2 1/2" CAL.
18 EA.	KAMANI	CALOPHYLLUM INOPHYLLUM	25 GAL.	8' HT., 4' SPREAD, 2 1/2" CAL.
6 EA.	HAU	HIBISCUS TILIACEUS	15 GAL.	6' HT., 3' SPREAD, 1 1/2" CAL.
18 EA.	HALA	PANDANUS TECTORIUS	45 GAL.	8' HT., 4' SPREAD
47 EA.	HAO	RAUVOLFIA SANDWICENSE	15 GAL.	6' HT., 3' SPREAD, 1 1/2" CAL.
53 EA.	WIKSTROEMIA MONTICOLA	WIKSTROEMIA MONTICOLA	15 GAL.	6' HT., 3' SPREAD, 1 1/2" CAL.
54 EA.	SHRUBS A'ALI'I	DODONAEA VISCOSA (USE NATIVE VARIETY)	3 GAL.	18" HT., 8" SPREAD
54 EA.	ALAE'E	PSYDRAX ODORATA	3 GAL.	18" HT., 8" SPREAD
43 EA.	NAIO	MYOPORUM SANDWICENSE	3 GAL.	18" HT., 8" SPREAD
15 EA.	KOKI'O'ULA'ULA	HIBISCUS KOKIO	3 GAL.	18" HT., 8" SPREAD
15 EA.	AKIA	WIKSTROEMIA UVI-URSI	3 GAL.	12" HT., 8" SPREAD
231 EA.	GROUND COVER 'ILIMA PAPA	SIDA FALLAX	1 GAL.	8" HT., 8" SPREAD, 18" O.C.
1,452,100 SF. 179 EA.	GRASSES AKI'AKI PILI	SPOROBOLUS VIRGINICUS HETEROPOGON CONTORTUS	STOLONS 1 GAL.	SEE SPECIFICATIONS 18" HT., 12" O.C.
17,761 C.Y. 1,452,705 SF. 28 EA. 4,500 LF. 68 CY. 750 LF.	MISCELLANEOUS MATERIALS IMPORTED SCREENED SOIL SOIL AMENDMENTS MOSS ROCK BOULDER IRRIGATION SLEEVES COVER MULCH ROOT BARRIER	4" DEPTH 'TYPAR' BIO-BARRIER		SEE SPECIFICATIONS SEE SPECIFICATIONS SEE SPECIFICATIONS 6" PVC PIPE SEE SPECIFICATIONS SEE SPECIFICATIONS

NOTES:
1. QUANTITIES SHOWN ON PLANT LIST ARE FOR REFERENCE ONLY. VERIFY ACTUAL QUANTITIES AS SHOWN ON PLAN.
2. SEE SHEET L 0.2 FOR PLANTING NOTES.

SURVEY PLOTTED BY: _____ DATE: _____
DESIGNED BY: _____
CHECKED BY: _____
NOTE BOOK: _____
No. _____

JOEL N. KUROKAWA
LICENSED PROFESSIONAL LANDSCAPE ARCHITECT
No. 10659
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLANTING DETAILS & PLANT LIST

MOKULELE HIGHWAY WIDENING
Maui Humane Society
To
Vicinity of Kolaloa Bridge
Federal - Aid Project No. NH-A311(6)R
Date: JUNE 2005

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

SHEET No. L-14 OF 14 SHEETS