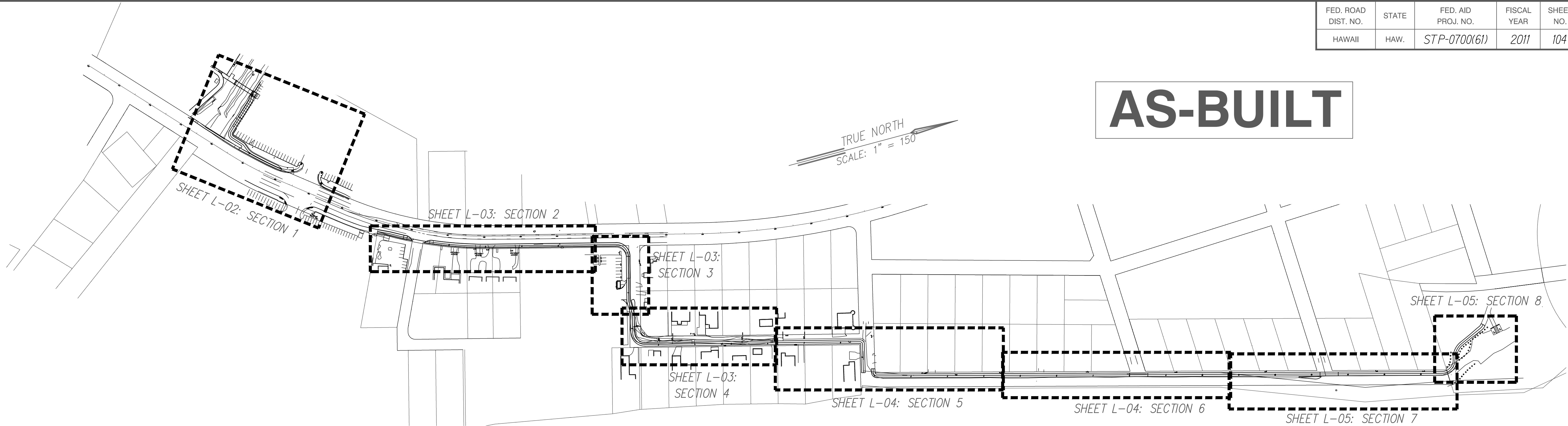


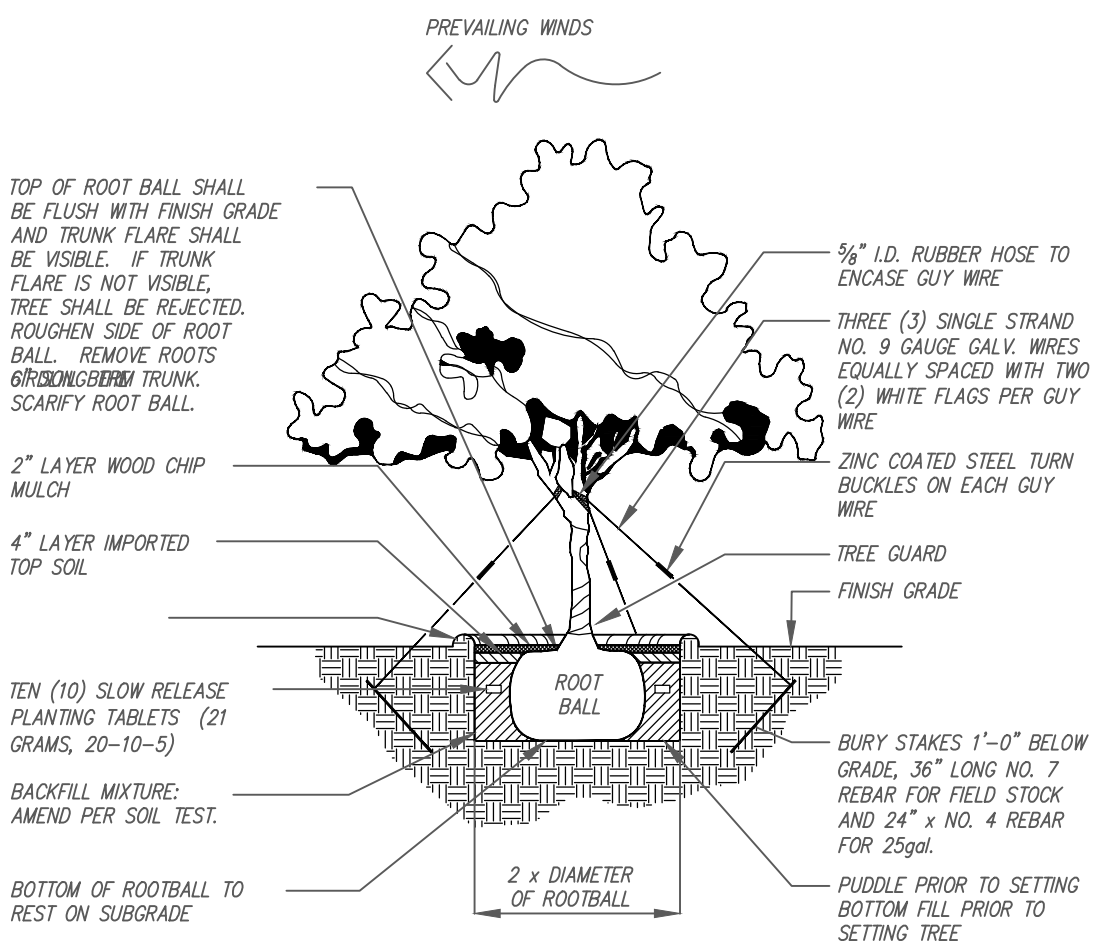
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	104	143

AS-BUILT

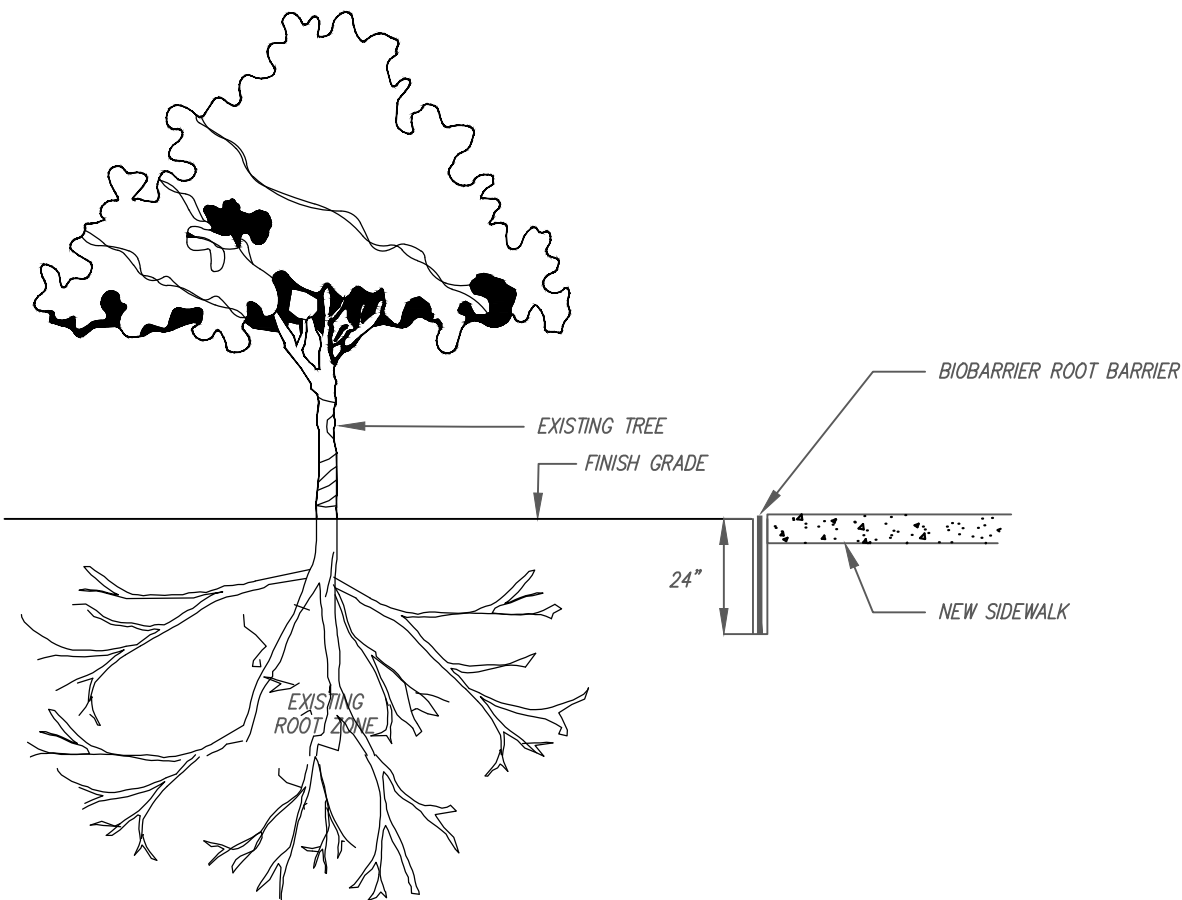


OVERVIEW AND SECTION PLAN

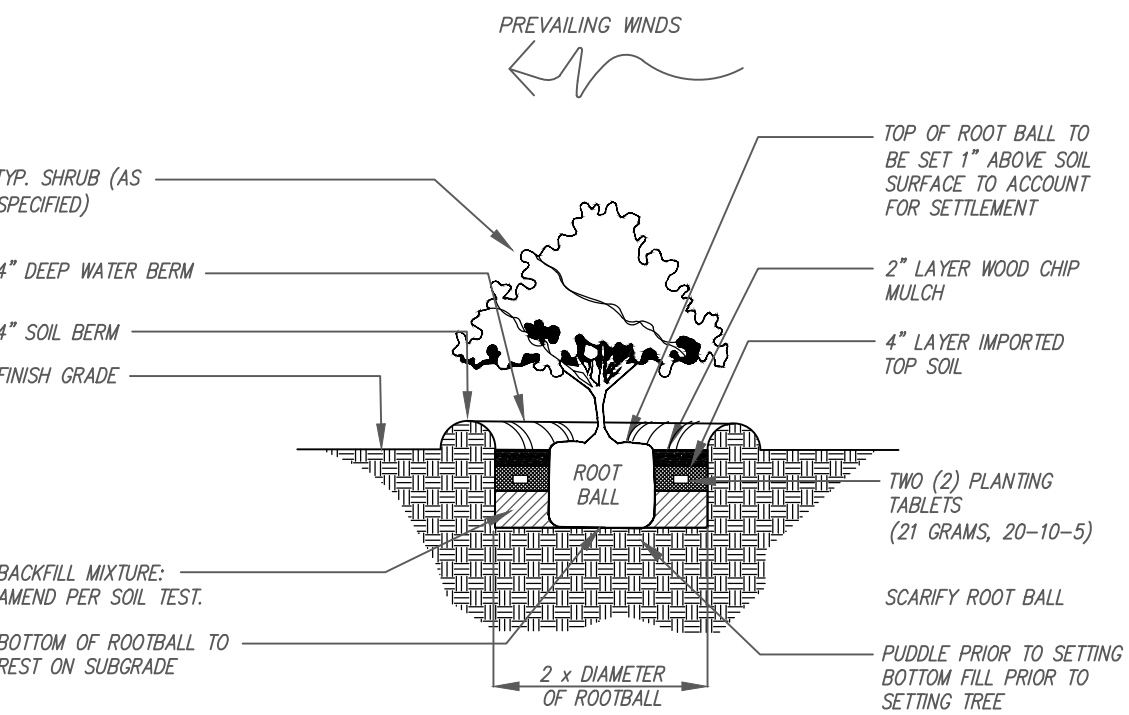
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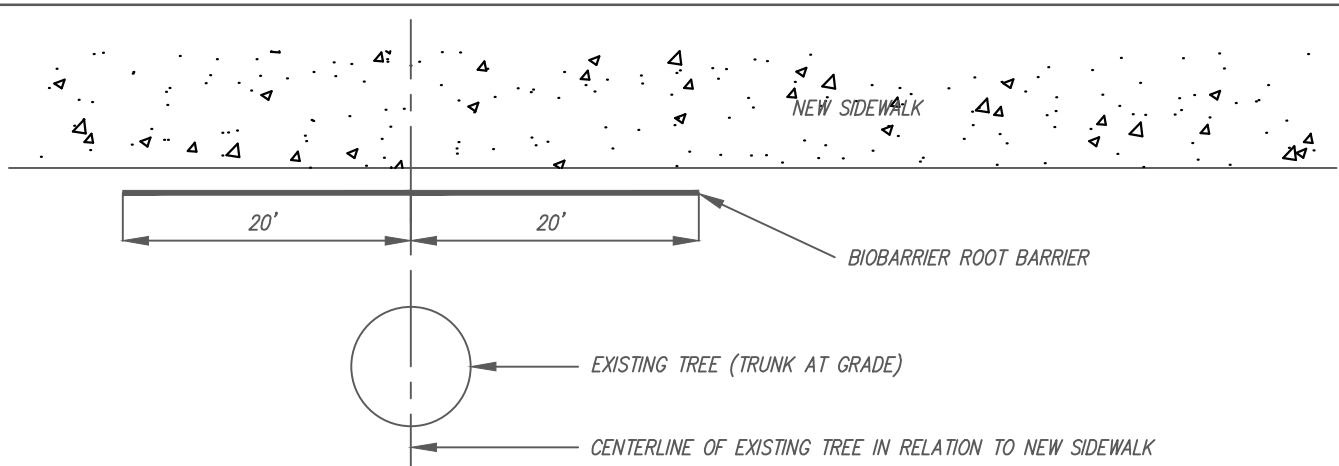
RELOCATED/NEW TREE PLANTING DETAIL
SCALE: N.T.S.



BIOBARRIER INSTALLATION DETAIL
SCALE: N.T.S.



SHRUB PLANTING DETAIL
SCALE: N.T.S.



BIOBARRIER INSTALLATION TYP. PLAN VIEW
SCALE: N.T.S.

GENERAL NOTES:

UNLESS OTHERWISE NOTED ON THESE PLANS, CONTRACTOR SHALL CONFORM TO THE FOLLOWING DOCUMENTS IN THE STATE 2005 STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES FOR ALL LANDSCAPE-RELATED MATERIALS AND INSTALLATION:

- SECTION 616 – IRRIGATION SYSTEM
- SECTION 617 – PLANTING SOIL
- SECTION 619 – PLANTING
- SECTION 620 – DUST CONTROL
- SECTION 641 – HYDRO-MULCH SEEDING
- SECTION 644 – REPAIRING OF EXISTING SPRINKLER SYSTEM

CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING UTILITIES

VEGETATION REMOVAL NOTES:

CONTRACTOR SHALL CONFORM TO THE FOLLOWING ADDITIONAL DOCUMENTS IN THE STATE 2005 STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES: SECTION 201 – CLEARING AND GRUBBING

UNLESS OTHERWISE NOTED ON PLANS, ALL TREES MARKED FOR REMOVAL WILL BE DUG OUT COMPLETELY, INCLUDING ROOTBALL. AS THESE REMOVED TREES WILL NOT BE REUSED ON-SITE, THE CONTRACTOR SHALL ENSURE THAT THE DUG OUT TREES SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND PROPERLY DISPOSED OF. NOTE THAT SMALLER TREES AND SHUBBERY IN THE ROUTE OF THE NEW PATH MAY NOT BE CALLED OUT FOR REMOVAL. THIS DOES NOT RELEASE THE CONTRACTOR FROM THE RESPONSIBILITY OF REMOVING SUCH VEGETATION AND DISPOSING OF THEM PROPERLY. THE CONTRACTOR SHALL FIELD-VERIFY ALL VEGETATION THAT WILL NEED TO BE REMOVED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR BACKFILLING AND COMPACTING ANY VOIDS CREATED DURING THIS OPERATION. REFER TO THE STATE 2005 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FOR ADDITIONAL REQUIREMENTS.

IF TREES (OTHER THAN THOSE SPECIFICALLY DESIGNATED FOR REMOVAL) ARE DAMAGED BEYOND SURVIVAL CONDITIONS AS DETERMINED BY ENGINEER, THE CONTRACTOR SHALL REMOVE SUCH TREES AND REPLACE THE TREE WITH A SAME SPECIES AND SIZE AND MAINTAIN FOR THE DURATION OF CONSTRUCTION OR 12 MONTHS, WHICHEVER IS GREATER, AT NO COST TO THE STATE.

VEGETATION RESTORATION NOTES:

FOR EXISTING LANDSCAPING BEGINNING FROM KAUAI VILLAGE SHOPPING CENTER (STA 0+01), CONTINUOUS THROUGH STA 16+74 (THE PROPERTY LINE EDGE OF LIHI PARK), THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING EXISTING COMMERCIAL AND RESIDENTIAL LANDSCAPE PLANTING AND/OR IRRIGATION SYSTEMS TO MATCH THE EXISTING STATE BEFORE CONSTRUCTION. ADDITIONALLY, ANY REMAINING LARGE TREES WHOSE CENTER OF GROWTH FALLS WITHIN 10 FEET OF THE EDGE OF THE NEW PATH SHALL REQUIRE THE INSTALLATION OF ROOT BARRIER TO PROTECT BOTH THE EXISTING TREES AND NEW PATH. COST OF REPAIR TO DAMAGED PLANT MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE PATH CONSTRUCTION. COST FOR REPAIRS TO IRRIGATION SYSTEMS SHALL FALL UNDER THE STATE 2005 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SECTION 644 – REPAIRING OF EXISTING SPRINKLER SYSTEM.

UNVEGETATED BARE SOIL AREAS DISTURBED BY CONSTRUCTION FROM THIS PROJECT SHALL BE RESTORED WITH COMMON BERMUDAGRASS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING TEMPORARY IRRIGATION TO THE AFFECTED AREA THROUGHOUT THE PLANTING PERIOD AND PLANT ESTABLISHMENT PERIOD. COMPENSATION FOR THIS SCOPE OF WORK SHALL FALL UNDER THE FOLLOWING DOCUMENTS IN THE STATE 2005 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION:

- SECTION 616 – IRRIGATION SYSTEM
- SECTION 641 – HYDRO-MULCH SEEDING

PATH PROTECTION NOTES:

EXISTING LARGE TREES WHOSE CENTER OF GROWTH FALLS WITHIN 10 FEET OF THE EDGE OF THE NEW PATH SHALL REQUIRE THE INSTALLATION OF ROOT BARRIER TO PROTECT THE NEW PATH. COST OF ROOT BARRIER WILL BE CONSIDERED INCIDENTAL TO THE PATH CONSTRUCTION.

NEW PLANTING NOTES:

WHERE NEW PLANTINGS ARE SHOWN IN THE LANDSCAPE PLANS, THE CONTRACTOR SHALL CONFORM TO THE FOLLOWING DOCUMENTS IN THE STATE 2005 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION:

- SECTION 616 – IRRIGATION SYSTEM
- SECTION 617 – PLANTING SOIL
- SECTION 619 – PLANTING

NOTIFY ENGINEER 30 DAYS PRIOR TO PLANTING OPERATIONS FOR APPROVAL OF ALL PLANT MATERIAL AT PLACE OF GROWTH. ALL PLANT MATERIAL NOT APPROVED BY THE ENGINEER WILL BE SUBJECT TO REJECTION.

CONTRACTOR SHALL FIELD VERIFY ALL PLANT QUANTITIES AND DIMENSIONS PRIOR TO INSTALLATION. QUANTITIES SHOWN ON PLANT LIST ARE FOR REFERENCE ONLY. VERIFY ACTUAL QUANTITIES AS SHOWN ON PLAN. IF THERE IS A DISCREPANCY, THE PLANTING PLAN SHALL TAKE PRECEDENCE.

NOTIFY ENGINEER OF ANY DISCREPANCIES IN PLANT LOCATIONS OR INSUFFICIENT PLANT QUANTITIES DUE TO DIFFERENCE IN PLANTS AND ACTUAL FIELD CONDITIONS.

PLANTS SHALL MEET SIZE INDICATED BY MINIMUM HEIGHT AND SPREAD. PLANTS SHALL BE STRAIGHT AND UNIFORMLY SHAPED, UNLESS UNIQUE OR SPECIAL CHARACTERISTICS ARE SPECIFIED, AND SHALL BE UNDAMAGED, SOUND, HEALTHY, VIGOROUS AND FREE OF DISEASE AND INSECT INFESTATION. PLANTS NOT CONFORMING TO THESE REQUIREMENTS ON DELIVERY TO THE PROJECT AND AT THE END OF THE PLANT ESTABLISHMENT PERIOD WILL BE REJECTED.

PROVIDE EVEN FOUR INCH LAYER OF PLANTING SOIL OVER ALL PLANTING AREAS. REPRESENTATIVE SAMPLES OF SOIL FROM PROJECT SITE SHALL BE SUBMITTED TO THE UNIVERSITY OF HAWAII AGRICULTURAL EXTENSION SERVICE OR LABORATORY ACCEPTABLE TO THE ENGINEER FOR ANALYSIS OF REQUIRED SOIL AMENDMENTS. TEST RESULTS AND FERTILIZATION SCHEDULE SHALL BE PRESENTED TO THE ENGINEER FOR REVIEW AND ACCEPTANCE BEFORE PLACING PLANTING SOIL. UNIFORMLY DISTRIBUTE FERTILIZER AND AMENDMENTS OVER PLANTING AREAS AS RECOMMENDED BY THE SOIL ANALYSIS REPORT. ROTOTIL TOP FOUR INCHES OF SOIL TO EVENLY INCORPORATE FERTILIZER AND AMENDMENTS.

GUY WIRES, FLAGGING, STAKES, WINDBREAKS, ETC. SHALL BE MAINTAINED AND REPLACED IF NECESSARY BY THE CONTRACTOR UNTIL THE TREE OR SHRUB IS ABLE TO STAND BY ITSELF. THE CONTRACTOR SHALL REMOVE AND DISPOSE AT THE END OF THE PLANT ESTABLISHMENT PERIOD.



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SIGNATURE
EXPIRATION DATE OF THE LICENSE

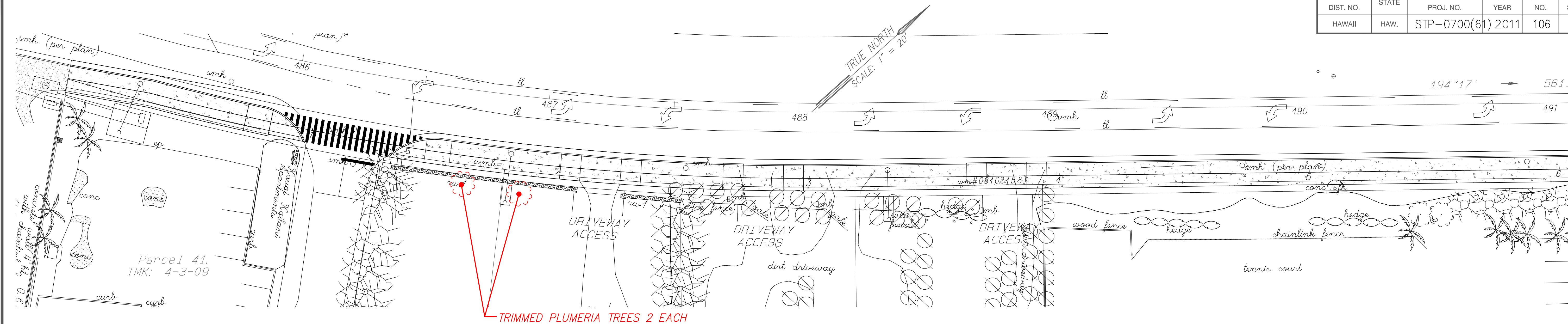
COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
LYDGATE PARK TO KAPA'A BIKE/
PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

LANDSCAPE PLAN - 01 OVERVIEW, NOTES & DETAILS

FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

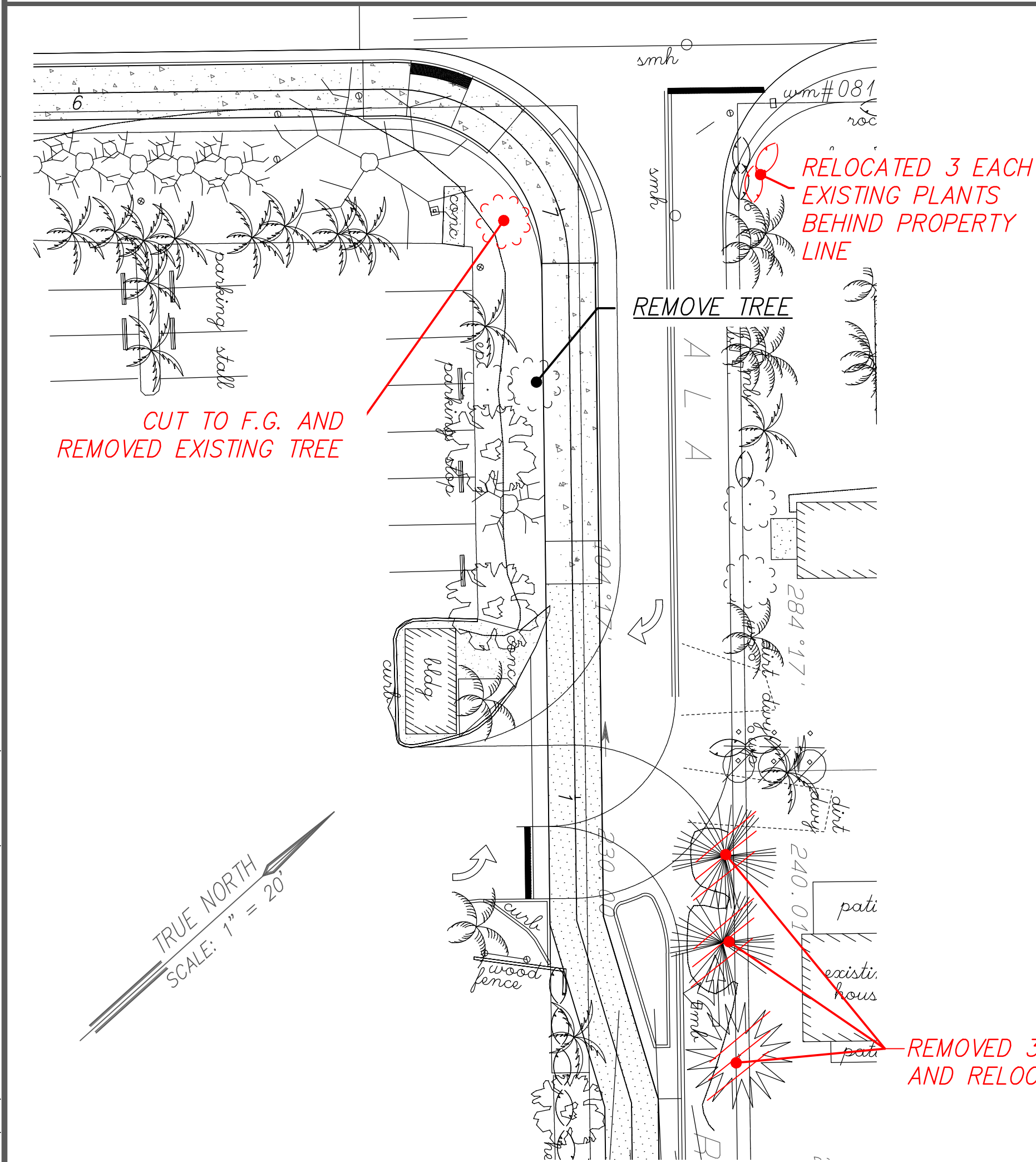
DRAWN BY:	HL	F.B.	C.B.	SHEET
TRACED BY:				
CHECKED BY:	CD			
				L-01 OF 6 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	106	143

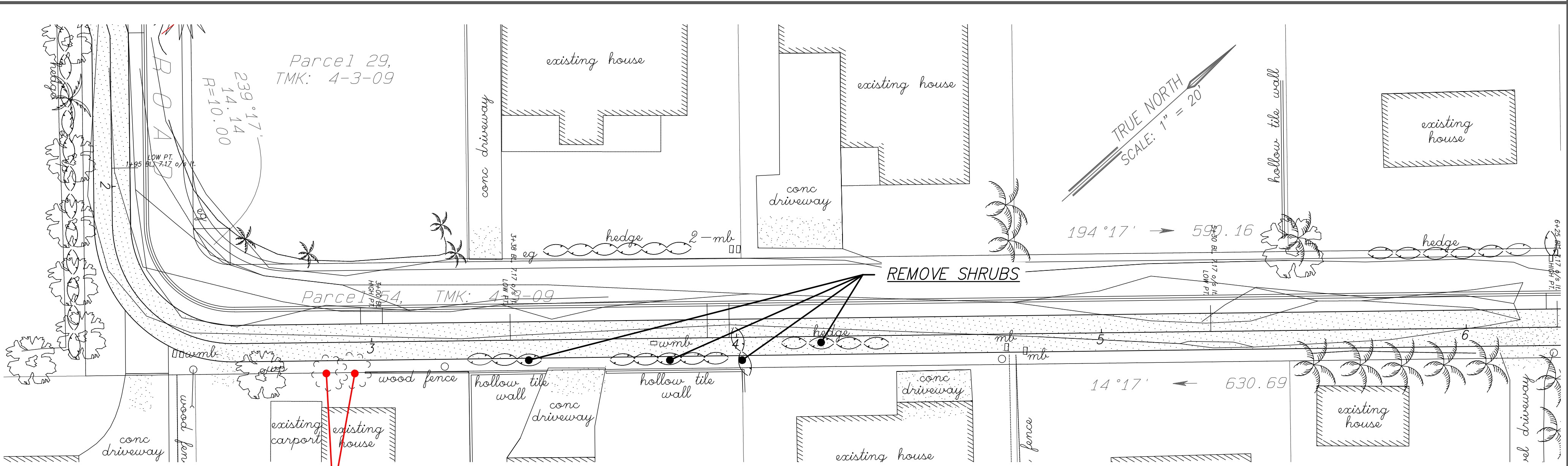


LANDSCAPE SECTION 2 PLAN
SCALE: 1" = 20'

AS-BUILT



LANDSCAPE SECTION 3 PLAN
SCALE: 1" = 20'



LANDSCAPE SECTION 4 PLAN
SCALE: 1" = 20'

RESTORATION NOTES FOR THIS SHEET:
RESTORE ANY DAMAGES TO LANDSCAPE IN THIS PLAN SECTION WITH SIMILAR PLANT MATERIAL. REPAIR ANY DAMAGES TO EXISTING IRRIGATION SYSTEMS CAUSED BY PATH CONSTRUCTION.

PATH PROTECTION NOTES FOR THIS SHEET:
EXISTING LARGE TREES WHOSE CENTER OF GROWTH FALLS WITHIN 10 FEET OF THE EDGE OF THE NEW PATH SHALL REQUIRE THE INSTALLATION OF ROOT BARRIER TO PROTECT THE NEW PATH.

PLANT SYMBOL NOTES FOR THIS SHEET:
ALL PLANT SYMBOLS SHOWN (UNLESS OTHERWISE CALLED OUT) ARE EXISTING



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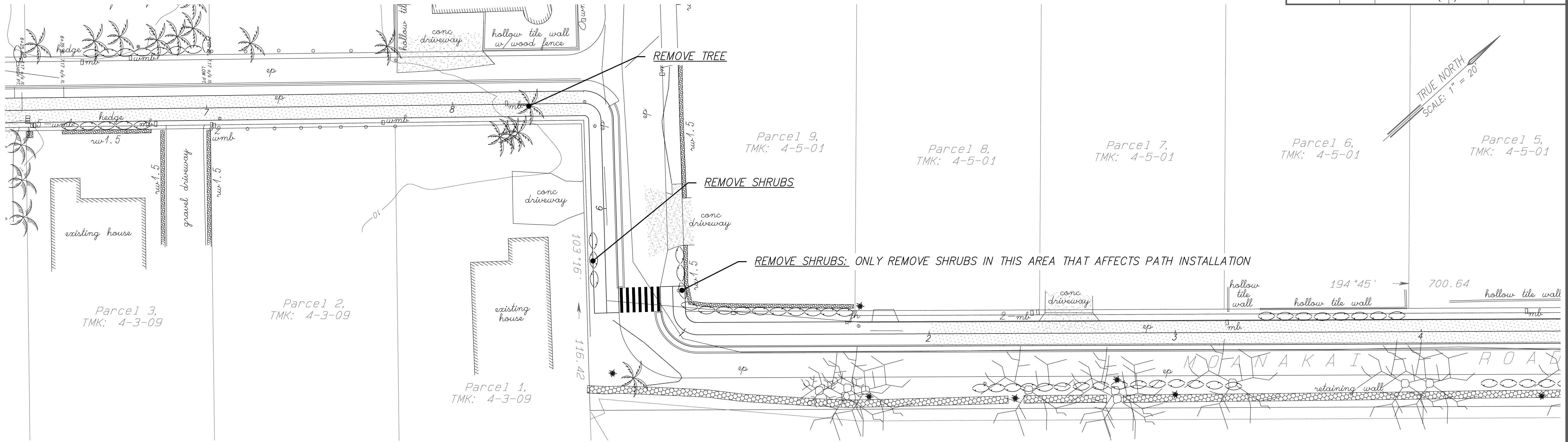
SIGNATURE
EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS LYDGATE PARK TO KAPA'A BIKE/ PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII				
LANDSCAPE PLAN - 03 SECTIONS 2 TO 4 FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011				
DRAWN BY:	HL	F.B.	C.B.	SHEET
TRACED BY:				
CHECKED BY:	CD			
				L-03 OF 6 SHEETS

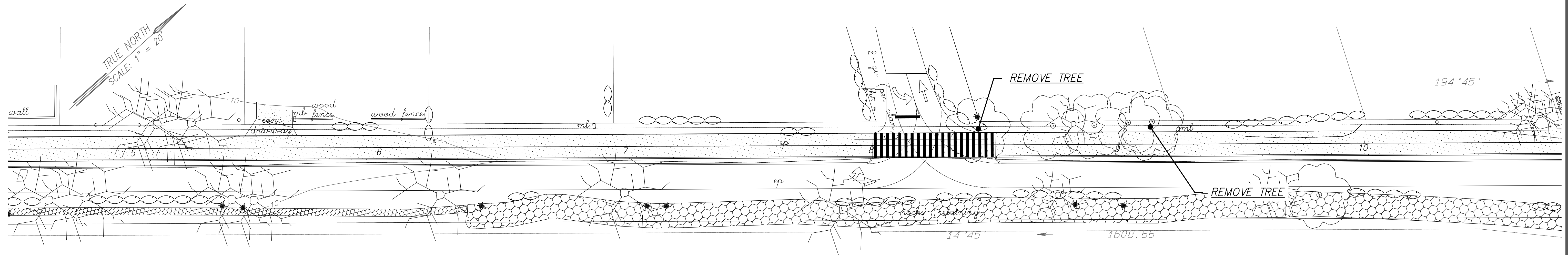
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	107	143



LANDSCAPE SECTION 5 PLAN
SCALE: 1" = 20'



RESTORATION NOTES FOR THIS SHEET:
RESTORE ANY DAMAGES TO LANDSCAPE IN THIS PLAN SECTION WITH SIMILAR PLANT MATERIAL. REPAIR ANY DAMAGES TO EXISTING IRRIGATION SYSTEMS CAUSED BY PATH CONSTRUCTION.

PATH PROTECTION NOTES:
EXISTING LARGE TREES WHOSE CENTER OF GROWTH FALLS WITHIN 10 FEET OF THE EDGE OF THE NEW PATH SHALL REQUIRE THE INSTALLATION OF ROOT BARRIER TO PROTECT THE NEW PATH.

PLANT SYMBOL NOTES FOR THIS SHEET:
ALL PLANT SYMBOLS SHOWN (UNLESS OTHERWISE CALLED OUT) ARE EXISTING

LANDSCAPE SECTION 6 PLAN
SCALE: 1" = 20'

AS-BUILT

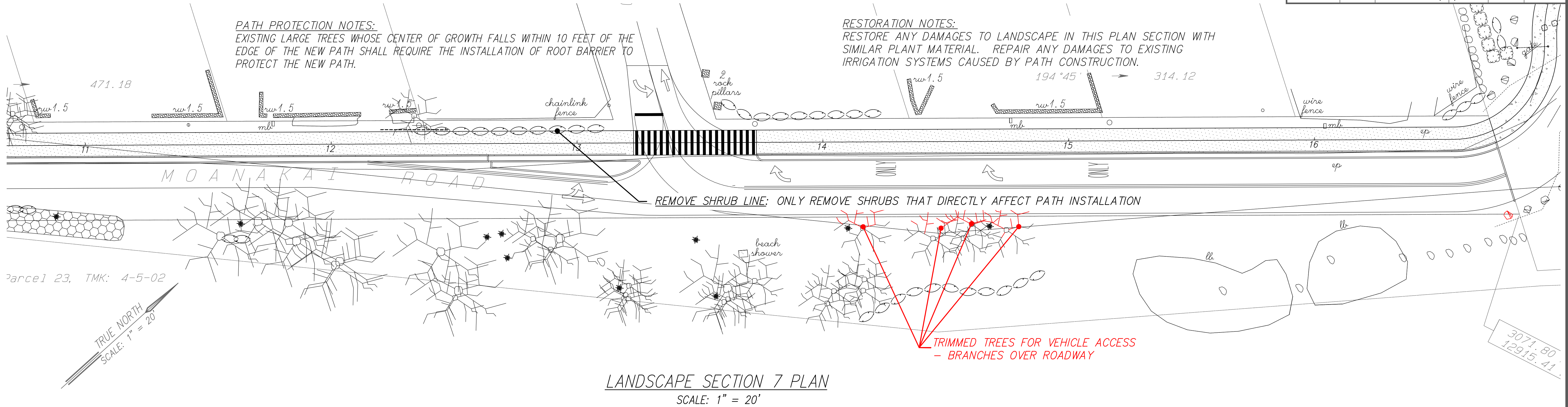


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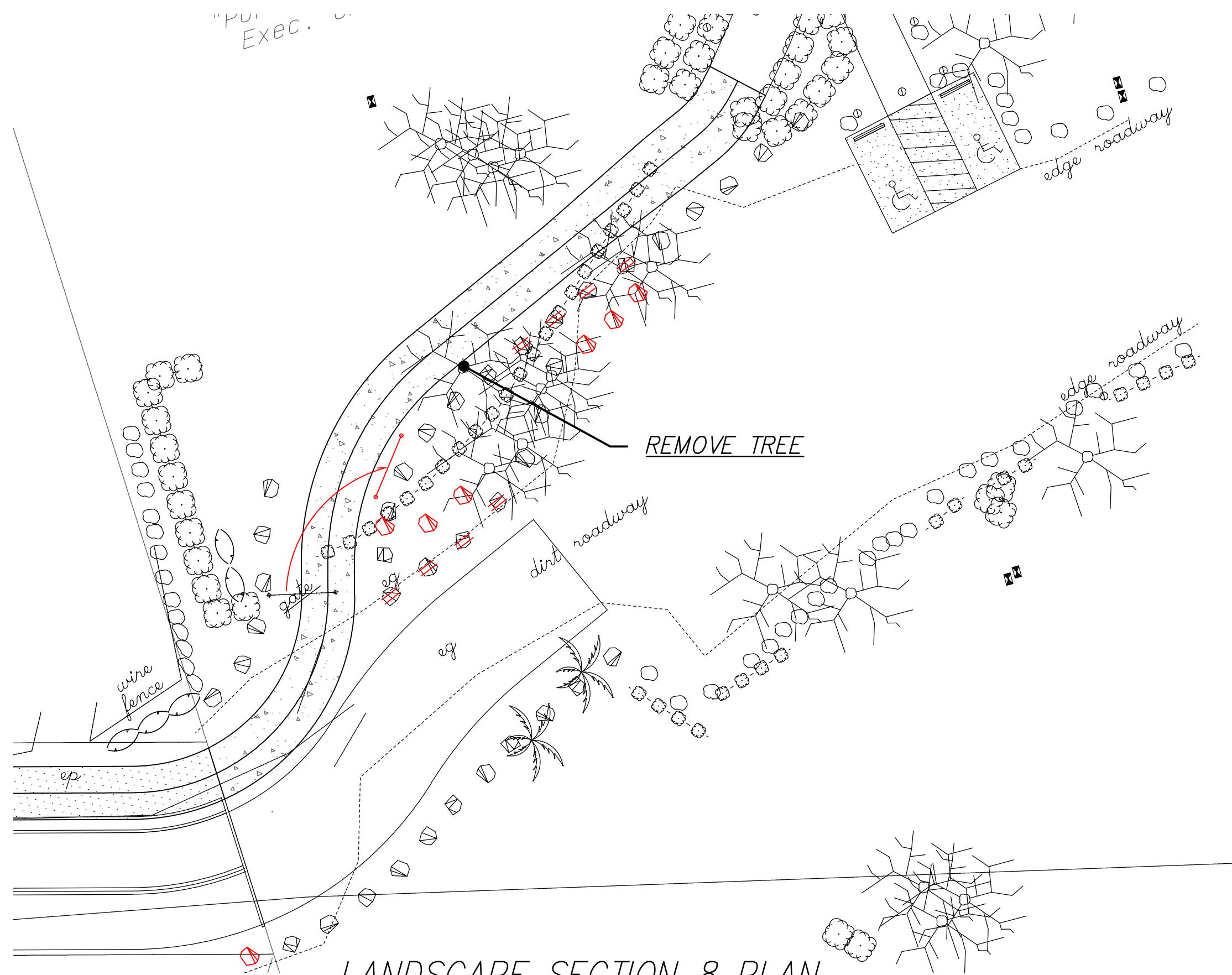
SIGNATURE
EXPIRATION DATE OF THE LICENSE 4-30-12

COUNTY OF KAUAI DEPARTMENT OF PUBLIC WORKS			
LYDGATE PARK TO KAPA'A BIKE/ PEDESTRIAN PATH PHASE B KAPA'A, KAUAI, HAWAII			
LANDSCAPE PLAN - 04 SECTIONS 5 AND 6			
FEDERAL-AID PROJECT NO. STP-0700(61) DATE: NOVEMBER 2011			
DRAWN BY: HL	F.B.	C.B.	SHEET
TRACED BY: CD			L-04 OF 6 SHEETS

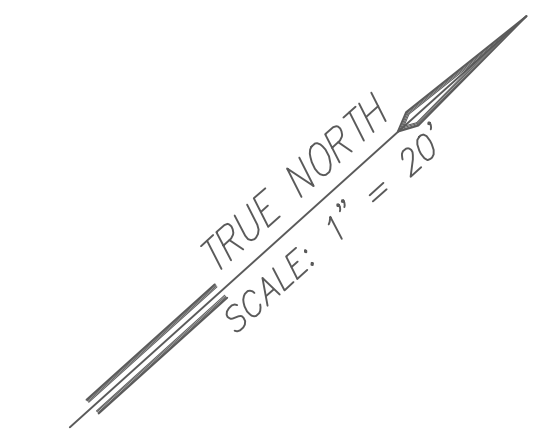
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0700(61)	2011	108	143



RESTORATION NOTES WITHIN LIHI PARK BOUNDARIES:
RESTORE ANY DAMAGES TO LANDSCAPE IN THIS PLAN SECTION WITH SIMILAR PLANT MATERIAL. IF NO EXISTING LANDSCAPE OCCURS ALONG EITHER SIDE OF NEW PATH, HYDROMULCH WITH COMMON BERMUDAGRASS SEED (MINIMUM 3' WIDTH ON BOTH SIDES OF NEW PATH) REPAIR ANY DAMAGES TO EXISTING IRRIGATION SYSTEMS CAUSED BY PATH CONSTRUCTION.



PLANT SYMBOL NOTES FOR THIS SHEET:
ALL PLANT SYMBOLS SHOWN (UNLESS OTHERWISE CALLED OUT) ARE EXISTING



AS-BUILT



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4-30-12
EXPIRATION DATE OF THE LICENSE

COUNTY OF KAUAI
DEPARTMENT OF PUBLIC WORKS
LYDGATE PARK TO KAPA'A BIKE/
PEDESTRIAN PATH PHASE B
KAPA'A, KAUAI, HAWAII

**LANDSCAPE PLAN - 05
SECTIONS 7 AND 8**

FEDERAL-AID PROJECT NO. STP-0700(61)
DATE: NOVEMBER 2011

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				L-05 OF 6 SHEETS