

STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS

Land Development Division

November 13, 2020

Date

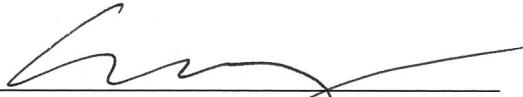
ADDENDUM NO. 2
TO
INVITATION FOR BIDS
IFB-21-HHL-009

HONOMU SUBSISTENCE AGRICULTURAL SUBDIVISION, PHASE 1

Notice to All Prospective Offerors

This addendum is hereby made a part of the contract documents for Honomu Subsistence Agricultural Subdivision, Phase 1, IFB-21-HHL-009, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED:



Stewart Matsunaga, Acting Administrator
Land Development Division
Department of Hawaiian Home Lands

Please execute and immediately return the receipt below to the Department of Hawaiian Home Lands via facsimile to: **(808) 620-9299, Mr. Bryan Toda, Land Development Division, or scan and E-mail to: Bryan.toda@hawaii.gov.**

Receipt of Addendum No. 2 for Honomu Subsistence Agricultural Subdivision, Phase 1, Invitation for Bids No.: IFB-21-HHL-009, is hereby acknowledged.

Signature: _____
Print Name: _____

Title

Name of Firm/Company

Date

ADDENDUM NO. 2
IFB-21-HHL-009
Honomu Subsistence Agricultural Subdivision, Phase 1

This Addendum No. 1 shall incorporate the following amendments to IFB-21-HHL-009:

1. Prebid Meeting Agenda
Prebid Meeting Agenda attached from meeting held onsite on 11/5/20. **NOTE: deadline for “Bidders written questions” has been extended to 4:00 P.M., November 17, 2020.**
2. Prebid Meeting Sign-in Sheet
Prebid Meeting Sign-in Sheet attached from meeting held onsite on 11/5/20.
3. Notes from Prebid Meeting
Notes attached from meeting held onsite on 11/5/20. Questions and answers given verbally at the meeting are noted.
4. Bid Offer Form
The attached Bid Offer Form shall replace the previous Bid Offer Form in its entirety.
5. Responses to RFIs
See responses to RFIs submitted in writing.
6. Construction Plans
The attached construction plans shall replace the previous set of plans in its entirety.

**Honoumū Subsistence Agricultural
Subdivision, Phase I
(IFB-21-HHL-009)
Pre-bid Conference & Site Inspection**
1:30 p.m., Thursday, November 5, 2020
Akaka Falls State Park entrance

AGENDA

1. INTRODUCTIONS

In person:

- Bruce Meyers, Consulting Engineer, Okahara & Assoc.
- Nina Fisher, Manager, East Hawaii District Office, DHHL

Remotely via phone:

- Stewart Matsunaga, Acting Administrator, Land Development Division, DHHL
- Bryan Toda, Engineer, Land Development Divisions, DHHL

2. PURPOSE OF PRE-BID CONFERENCE

- Project overview and job site visit
- Review procurement requirements
- Clarify bid documents.
- Procurement Submittal Schedule (see below)

3. SCOPE OF WORK (General Description)

The project consists of development of 16 new one-acre subsistence agriculture lots. This work will include roadway grading, asphalt concrete pavement and base, drywells, inlet boxes, drain lines, earth swales and drainage basins, signing and striping, and overhead electrical utility. The Contractor shall be required to furnish all labor, materials, and equipment to complete the project.

General

- All work must be performed in accordance with the Technical Specifications and Plans included in this IFB.
- All work and responsibilities listed in the Plan's 'General Construction Notes' are incidental to the bid proposal and are made part of this contract.

4. PROCUREMENT REMINDERS

- This project is NOT exempt from the General Excise Tax (GET).
- The Apprenticeship Agreement Preference for public works projects shall be applied to this IFB, in accordance with HRS §103-55.6, concerning projects with an estimated value of more than \$250,000.

- This project is subject to Chapter 104 HRS, Department of Labor and Industrial Relations (DLIR) prevailing wages and salaries;
- After bid opening and prior to award of the contract, DHHL shall verify compliance with Sections 103D-310 and 103D-328 HRS via Hawaii Compliance Express (HCE) for the bidder and all subcontractors. Therefore, the bidder and all subcontractors should register with HCE. Instructions for registration are at the HCE website: <http://vendors.ehawaii.gov>;
- Failure by the bidder and/or any subcontractor to rectify a non-compliant status within ten business days of notification will be considered as sufficient for the disqualification of the bidder and rejection of its proposal;
- In accordance with the provisions of Chapter 104-25, Hawaii Revised Statutes, there are contractors who have been suspended from doing any work on State or County public work construction project. An updated list can be found at this web link: <http://labor.hawaii.gov/wsd/prevailing-wages-on-public-works/contractors-suspended-under-chapter-104-hawaii-revised-statutes/>

5. COMPLETION SCHEDULE AND LIQUIDATED DAMAGES

- Time to complete: Twelve (12) months (365 calendar days)
- Liquidated damages: \$1000 per calendar day

6. QUESTIONS/ANSWERS ISSUED BY LAST ADDENDA

- A written summary of this pre-bid conference will be issued as an Addendum.
- Requests for clarifications and any questions after this meeting shall be made in writing and emailed to Bryan.toda@hawaii.gov or faxed to 808-620-9299 no later than 2:00 p.m., November 10, 2020.
- Written answers to questions will be provided to all potential bidders via an Addendum on the State's HANDS (Hawaii Awards Notice Data System) website; any verbal responses to questions by DHHL and its Consultant(s) shall not be binding.

Link- <https://hands.ehawaii.gov/hands/opportunities/opportunity-details/15317>

- Interested bidders are responsible to check the HANDS website for the issuance of any Addenda up until the due date for bids.

7. DEADLINES (See table below)

8. QUESTIONS AND ANSWERS

9. SITE INSPECTION TO FOLLOW PRE-BID CONFERENCE

DEADLINES FOR SUBMITTALS
 Honomu Subsistence Agricultural Subdivision, Phase 1
 IFB-21-HHL-009

SUBMITTAL	DEADLINE
Notice of Intention to Bid	2:00 P.M., November 10, 2020
Standard Qualification Questionnaire (SPO Form-21) (SQQ's for previous projects are NOT valid)	2:00 P.M., November 10, 2020
Hawaii Products Preference Request (Form SPO-038)	2:00 P.M., November 10, 2020
Substitution Request (See Item H, 'Instructions for Bid Submittal')	2:00 P.M., November 10, 2020
Bidders written questions (Requests for Clarification)	4:00 P.M., November 17, 2020
Issuance of Last Addendum- * Interested bidders are required to check the HANDS website for any Addenda issued up until the Bid Opening date.	November 23, 2020
Bid Opening <ul style="list-style-type: none"> • Sealed bids due by <u>10:00 A.M., December 2, 2020</u> at the DHHL East Hawaii District Office, at 160 Baker Avenue, Keaukaha, Hilo, Hawaii 96720 according to its time clock. • Bids <u>WILL NOT</u> be accepted at the DHHL's Main Office in Kapolei, Oahu. • Bids will be opened shortly after 10:00 A.M. and read aloud in a designated area to be determined. (Bidders are welcome to attend). • Bids submitted after <u>10:00 A.M., December 2, 2020</u> will be time-stamped, but not accepted or opened. • All the required bid forms are included in the IFB package. 	10:00 A.M, December 2, 2020

Honoum Subsistence Agricultural Subdivision, Phase 1

IFB-21-HHL-009

Pre Bid Conference Sign In Sheet

NOVEMBER 5, 2020 at 1:30 p.m. - Akaka Falls State Park entrance

	Name	Organization	Phone No.	Cell No.	Email
1	Henry Silva	Henry's Equipment	808-696-2879	808-479-1732	
2	Chris Acob	Okahara & Associates, Inc.	808-961-5527	808-443-3050	
3	Bruce Meyers	Okahara & Associates, Inc.		808-640-8544	
4	Dylan Gapp	Drainpipe, Plumbing, and Solar		808-557-4160	
5	Skylan Nelson	Drainpipe, Plumbing, and Solar		808-557-3497	
6	Deron Spencer	Koga Engineering & Construction	808-464-9339		dspencerkogaeng.com
7	Andrew Vernon	Nan Inc.	808-638-1886		avernon@nanhawaii.com
8	Lizi Olson	Jas. W. Glover		808-960-0869	jaswgloverhilo@aol.com
9	Scot Yoshimura	Isemoto Contracting	808-329-8051	808-960-1993	scot@icekona.com
10	Kristina Tolentino	DHHL-EHDO	808-974-4252		kristina.m.tolentino@hawaii.gov
11	Nina Fisher	DHHL-EHDO	808-974-4250		olinda.l.fisher@hawaii.gov
12	Bryan Toda	DHHL-LDD	808-620-9281		Bryan.toda@hawaii.gov
13					
14					

Honomu Subsistence Agricultural Subdivision, Phase 1

IFB-21-HHL-009

Pre Bid Conference Sign In Sheet

NOVEMBER 5, 2020 at 1:30 p.m. - Akaka Falls State Park entrance

15					
16					
17					
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Honoum Subsistence Agricultural Subdivision – Phase 1

Pre-Bid Meeting Notes

November 5, 2020

1:32 Meeting Start Time, at the Site

1. Hard copies of the agenda and a sign in sheet were handed out.
2. It was stated that the November 10 deadline for questions, listed in the deadline for schedules will be extended. Addendum to be issued.
3. Contractors were informed that the plans they will be updated. Specifically, that the shallow dry wells are no longer in the project and deep drywells will be used instead. Also, other items will be added or revised by addendum.
4. The NPDES permit is nearly complete and will submitted to the DOH soon.
5. The County has reviewed the plans once and will be receiving the revised drawings soon.
6. The plans are currently in review at the State DOT Hawaii District Office.
7. The items of the agenda were read out loud.
8. Open to questions from contractors.

Questions:

- 1.) Is there a Grading Plan?
- 2.) What is the anticipated start date?
- 3.) Will Contractors need to do anything for the NPDES?
- 4.) Can excavated materials be used on site? Do we need to get rid of grass and vegetation?
- 5.) Can excavated materials be used for fill? Even the deep materials from the drywells?
- 6.) Does the new road follow the existing?
- 7.) Can bids be turned in electronically?

Response Given on site:

- 1.) There is none. Finish contours will be added to the plans by addendum.
- 2.) No official date yet, could be 6-8 months.
- 3.) No, the NPDES is done but needs to be approved. It is up to the contractor if they want to use the SWPPP provided.
- 4.) We are not grading the whole site. Will indicate so in the bid documents.
- 5.) Will respond by addendum. A Soils Report has not been done.
- 6.) Will respond by addendum. Need to check.
- 7.) No, bids only accepted in person or mail.

Other Notes:

9. Nina will send us the attendance list.
10. Nina gave out their office phone number if contractors want to schedule a site visit since the gate was damaged preventing safe access: 808-974-4250.

2:08 Meeting Ends

**STATE OF HAWAII
DEPARTMENT OF HAWAIIAN HOME LANDS**

BID OFFER FORM FOR

**HONOMU SUBSISTANCE AGRICULTURAL
SUBDIVISION – PHASE 1**

HONOMU, NORTH HILO, HAWAII

TAX MAP KEYS: (3) 2 – 8 – 011: 011 (PORTION)

IFB NO.: IFB-21-HHL-009

Mr. William Aila, Jr., Chairman
Hawaiian Homes Commission
Department of Hawaiian Home Lands
91-5420 Kapolei Parkway
Kapolei, Hawaii 96707

Dear Mr. Aila:

The undersigned has carefully examined, read, and understands the terms and conditions in the Plans and Specifications, Special Conditions attached hereto, DHHL Construction General Conditions, and General Conditions specified in the Invitation for Bids (IFB) No. IFB-21-HHL-009. The State of Hawaii's (State) Contract for Goods and Services Based on Competitive Sealed Bids AG-003 Rev. 6/22/2009, AG-008 103D General Conditions, are included by reference and made part hereof and available upon written request to the Procurement Officer. The undersigned hereby submits the following offer to perform the work for IFB No. IFB-21-HHL-009 as specified herein, all in accordance with the true intent and meaning thereof.

The undersigned understands and agrees that:

1. The State reserves the right to reject any and all offers and to waive any items that are defective when, in the State's opinion, such rejection or waiver will be in the best interest of the State. A solicitation may be rejected in whole or part when in the best interest of the State.
2. If awarded the contract, all services will be in accordance with Hawaii Revised Statutes (HRS) § 103-55.5.
3. In submitting this offer, the Offeror is not in violation of HRS Chapter 84, concerning prohibited State contracts.
4. By submitting this offer, the Offeror certifies that the offer was independently arrived at without collusion and the Offeror did not participate in any practices to restrict competition.
5. It is understood that the failure to receive any addendum shall not relieve the Offeror from any obligation under this IFB.

Date: _____

The undersigned represents that it is: **(Check ✓ one only)**

- A **Hawaii business** incorporated or organized under the laws of the State of Hawaii; **OR**
- A **Compliant Non-Hawaii business** not incorporated or organized under the laws of the State of Hawaii, is or shall be registered at the State of Hawaii Department of Commerce and Consumer Affairs Business Registration Division (DCCA-BREG) to do business in the State of Hawaii.

State of incorporation: _____

Offeror is:

- Sole Proprietor Partnership Corporation Joint Venture Other: _____

Federal ID No.: _____

Hawaii General Excise Tax ID No.: _____

Telephone No.: _____

Fax No.: _____

E-Mail Address.: _____

Payment address (other than street address below)

(Street Address, City, State, Zip Code)

Business address

(Street Address, City, State, Zip Code)

Respectfully submitted:

Authorized (Original) Signature

Name and Title (Please Type or Print)

* _____
Exact Legal Name of Company (Offeror)

*If Offeror shown above is a "dba" or a "division" of a corporation, furnish the exact legal name of the corporation under which the awarded contract will be executed:

The following bid is hereby submitted for IFB-21-HHL-009 for the Department of Hawaiian Home Lands.

HONOMU SUBSISTANCE AGRICULTURAL SUBDIVISION, PHASE 1

Item No.	Estimated Quantity	Description	Unit Price	Total
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The prices bid herein for the following items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary to install or to construct these items in place complete, all in accordance with the plans and specifications.

MASS GRADING

1.	2.5	Acres, Clearing and Grubbing, including handling and removal of vegetation, unsuitable material, and debris off of DHHL Lands.	Per Acre	\$ _____	\$ _____
2.	7,980	Cu. yds., Unclassified excavation for roads (embankment = 4,350 cu. yds.).	Per Cu. Yd.	\$ _____	\$ _____
3.	3,200	Cu. yds., Unclassified excavation for drainage improvements (embankment = 0 cu. yds.).	Per Cu. Yd.	\$ _____	\$ _____
TOTAL – MASS GRADING (Items 1 to 3 inclusive)					\$ <u>_____</u>

ROAD CONSTRUCTION

4.	83,280	Sq. ft., Fine grading of roadway.	Per Sq. Ft.	\$ _____	\$ _____
5.	4,900	Sq. yds., Base Course, 4” thick.	Per Sq. Yds.	\$ _____	\$ _____
6.	4,950	Sq. yds., Base Course, 6” thick.	Per Sq. Yds.	\$ _____	\$ _____
6a.	205	Sq. yds., Asphalt Concrete Base Course 8” thick	Per Sq. Yds.	\$ _____	\$ _____
7.	3,295	Sq. yds., Subbase Course, 6” thick.	Per Sq. Yds.	\$ _____	\$ _____

7a.	205	Sq. yds., Subbase Course, 12" thick.		
			Per Sq. Yds.	\$ _____ \$ _____
8.	1,553	Sq. yds., Asphaltic concrete pavement, 1-1/2" thick.		
			Per Sq. Yds.	\$ _____ \$ _____
9.	4,950	Sq. yds., Asphaltic concrete pavement, 2" thick.		
			Per Sq. Yds.	\$ _____ \$ _____
10.	3,295	Sq. yds., Asphaltic concrete pavement, 3" thick.		
			Per Sq. Yds.	\$ _____ \$ _____
10a.	205	Sq. yds., Asphaltic concrete pavement, 4" thick.		
			Per Sq. Yds.	\$ _____ \$ _____
11.	L.S.	Remove existing pipe gate.		
			Lump Sum	\$ _____
12.	L.S.	Remove existing asphalt concrete pavement.		
			Lump Sum	\$ _____
13.	5	Each, Standard County street survey monument.		
			Each	\$ _____ \$ _____
14.	2	Each, Standard street name sign.		
			Each	\$ _____ \$ _____
15.	4	Each, Traffic sign with post.		
			Each	\$ _____ \$ _____
16.	L.S.	End-of-Road Barrier, including guard rail, reflector signs and posts, as shown in the plans, in place complete.		
			Lump Sum	\$ _____
17.	L.S.	Centerline pavement striping, intersection markings and raised pavement markers.		
			Lump Sum	\$ _____
18.	L.S.	Edge of pavement striping and raised pavement markers.		
			Lump Sum	\$ _____
18a.	7	Each, Street Light		
			Each	\$ _____ \$ _____

TOTAL – ROAD CONSTRUCTION
(Items 4 to 18a inclusive)

\$ _____

DRAINAGE SYSTEM

19.	5	V-Grate 20-foot Deep Drywell, as shown in the plans, in place complete.	Each	\$ _____	\$ _____
20.	3	V-Grate Drain Inlet Box, as shown on the plans, in place complete.	Each	\$ _____	\$ _____
21.	80	18-inch dia. Connector Drainpipe, as shown on the plans, in place complete.	Lin. Ft.	\$ _____	\$ _____
22.	2,000	Grassing of Drainage Swales, including Hydro-Mulch Seeding and 90-day Maintenance, in place complete.	Sq. Yds.	\$ _____	\$ _____

TOTAL – DRAINAGE SYSTEM
(Items 19 to 22 inclusive)

\$ _____

MISCELLANEOUS ITEMS

23.	L.S.	Field office.	Lump Sum		\$ _____
24.	L.S.	Project Sign including installation and removal; In place complete.	Lump Sum		\$ _____
25.	L.S.	Temporary Traffic Control.	Lump Sum		\$ _____
26.	L.S.	Installation, Maintenance, Monitoring and Removal of BMP, Including Silt Fence, Filter Sock, Temporary Erosion Control, Sediment Control Filter, Dust Control, and 8” Thick Ingress/Egress Gravel Access (13’x20’); In place complete.	Lump Sum		\$ _____
27.	L.S.	Permanent Erosion Control Measures for all graded areas, including grassing, watering and maintenance; In place complete.			\$ _____

			Lump Sum	
28.	Allowance	Archaeological work, including monitoring and miscellaneous work as directed by the archaeologist with the approval of DHHL.		
			Allowance	<u>\$50,000</u> <u>\$50,000</u>
29.	Allowance	Unforeseen site conditions, including but not limited to removal of abandoned vehicles, trash, or dumped items, including hauling and disposal.		
			Allowance	<u>\$50,000</u> <u>\$50,000</u>
30.	Allowance	Additional drainage improvements or other work as directed by the Engineer.		
			Allowance	<u>\$50,000</u> <u>\$50,000</u>
31.	L.S.	Remove all Albizia Trees within the construction limits.		
			Lump Sum	\$ _____
32.	L.S.	Mobilization/Demobilization (Not to exceed 6% of Total Sum Bid)		
			Lump Sum	\$ _____

RECAPITULATION

SUBTOTAL – MASS GRADING (Items 1 to 3, inclusive)	<u><u>\$ _____</u></u>
SUBTOTAL – ROAD CONSTRUCTION (Items 4 to 18a, inclusive)	<u><u>\$ _____</u></u>
SUBTOTAL – DRAINAGE SYSTEM (Items 19 to 22, inclusive)	<u><u>\$ _____</u></u>
SUBTOTAL – MISCELLANEOUS ITEMS (Items 23 to 31, inclusive)	<u><u>\$ _____</u></u>

SUBTOTAL, BID ITEMS = \$ _____

GET = \$ _____

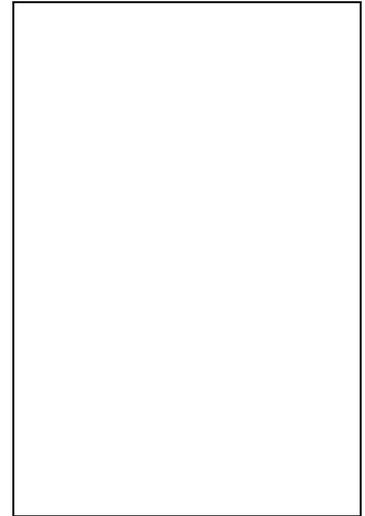
(Note. GET @ 4.712%)

TOTAL SUM BID = \$ _____

(With GET)

Dollars (\$ _____

_____) .



The unit prices herein for the above items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary, exclusive of general excise tax to install or to construct these items in place complete and in accordance with the plans and specifications contained in this IFB. The Total Sum Bid shall include GET.

The CONTRACTOR shall complete all work as specified or indicated in the Contract Documents on or before three hundred sixty-five (365) calendar days after receiving written Notice to Proceed, subject to extensions, as may be granted.

HAWAII PRODUCTS PREFERENCE

Section 103D-1002, Hawaii Revised Statutes (HRS), as amended by Act 175 (Session Laws of Hawaii 2009), provides preference for Hawaii products. The previous Hawaii products list established pursuant to HRS §103D-1002 was suspended effective July 1, 2009, and a new list has been published by the State Procurement Office (SPO). DHHL will be supplementing the list with additional approved products for this solicitation.

Pursuant to HRS §103D-1002(b) (2) and Procurement Circular No. 2009-13, bidders intending to use Hawaii products should distribute the attached SPO-38, *Certification for Hawaii Product Preference*, to each of the manufacturers and producers of such products which bidders intend to use if the manufacturers and producers and their products are not listed on the SPO Hawaii Products List or in the DHHL’s list below. The manufacturers and producers must complete and submit SPO-38 to DHHL. The form must be received by DHHL no later than **2:00 p.m., November 10, 2020**. Submittal by facsimile (808 620-9299) is acceptable. If DHHL receives and approves SPO-38s relating to this solicitation DHHL will issue an addendum listing the additional certified and qualified Hawaii products by **November 23, 2020**.

Bidders may claim a Hawaii product preference for products that it manufactures or produces with its own workforce and equipment. The SPO-38, *Certification for Hawaii Product Preference*, must be submitted in accordance with the procedures described above in order for Bidder to claim a Hawaii product preference for such Hawaii products Bidder intends to use in this work.

A partial list of approved products is provided below. The complete current list as compiled by the State Procurement Office is available at:

<http://www4.hawaii.gov/spoh/HiProducts/hiProducts.htm>

Preferences, Hawaii Products

CONSTRUCTION PRODUCTS AND SOIL AMENDMENTS/PRODUCTS

Aggregates – Basaltic Termite Barrier							
Product Subcategory as applicable	Effective	Revised	Manufacturer	Oahu	Maui	Hawaii	Kauai
Aggregates and Sand – Basalt, Rock, Cinder, Limestone and Coral							
Product Subcategory as applicable	Effective	Revised	Manufacturer	Oahu	Maui	Hawaii	Kauai

Aggregates – Recycled Asphalt and Concrete

Product Subcategory as applicable	Effective	Revised	Manufacturer	Oahu	Maui	Hawaii	Kauai

Asphalt and Paving Materials - HI Products

Product Subcategory as applicable	Effective	Revised	Manufacturer	Oahu	Maui	Hawaii	Kauai

Cement and Concrete Products

Product Subcategory as applicable	Effective Date	Last Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai

Precast Concrete Products							
Product Subcategory <i>as applicable</i>	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai
Environmental Sewage-Treatment Innovative System (ESIS) Individual Wastewater System which utilizes anaerobic/aerobic processing to treat wastewater to R-2 quality at discharge							
Product Subcategory <i>as applicable</i>	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai
Hot Dip Galvanizing							
Product Subcategory <i>as applicable</i>	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai
Pipes-Aluminum and Galvanized							
Product Subcategory <i>as applicable</i>	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai
Aluminum Docks, Floating, etc. - Miscellaneous							
Product Subcategory <i>as applicable</i>	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai
Playground Surfaces							
Product Subcategory	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai

as applicable							

Signs - Traffic, Regulatory and Construction

Product Subcategory as applicable	Effective	Revised	Manufacturer	Oahu	Maui	Hawaii	Kauai

Veneer

Product Subcategory as applicable	Effective	Revised	Manufacturer	Oahu	Maui	Hawaii	Kauai

Soil Amendments, Mulch, Compost

Product Subcategory as applicable	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai

Compost Filter

Product Subcategory as applicable	Effective Date	Revised Date	Manufacturer	Oahu	Maui	Hawaii	Kauai

SCHEDULE OF ACCEPTABLE HAWAII PRODUCTS AND DESIGNATION OF HAWAII PRODUCTS TO BE USED

ACCEPTABLE HAWAII PRODUCTS		HAWAII PRODUCTS TO BE USED Cost FOB Jobsite, Unloaded Including Applicable General Excise and Use Taxes	
Description	Manufacturer	Base Bid	Additive Alternate
		\$ _____	\$ _____
		\$ _____	\$ _____
		\$ _____	\$ _____

		\$ _____	\$ _____
		\$ _____	\$ _____
		\$ _____	\$ _____
		\$ _____	\$ _____
		\$ _____	\$ _____
		\$ _____	\$ _____
		\$ _____	\$ _____

It is further understood by the Bidder that if upon being granted Hawaii Products, and being awarded the contract, if the Bidder fails to use such products or meet the requirements of such preference, the Bidder shall be subject to penalties, if applicable.

APPRENTICESHIP AGREEMENT PREFERENCE

Hawaii Revised Statutes §103-55.6 (ACT 17, SLH 2009) provides for a Hawai'i Apprenticeship Preference for public works contracts having an estimated value of \$250,000.00 or more. The preference shall be in the form of a 5% bid adjustment applied to the bidder's amount for bidders that are parties to apprenticeship agreements. The estimated value of this public works contract is \$250,000.00 or more and the apprenticeship agreement preference **shall** apply.

To be eligible for the preference, the bidder shall:

1. Be a party to an apprenticeship agreement registered with the DLIR at the time the bid is made for each apprenticeable trade the bidder will employ to construct the public works project for which the bid is being made.
 - a. The apprenticeship agreement shall be registered and conform to the requirements of HRS Chapter 372.
 - b. Subcontractors do not have to be a party to an apprenticeship agreement for the bidder to obtain the preference.
 - c. The bidder is not required to have apprentices in its employ at the time the bid is submitted to qualify for the preference.
 - d. If a bidder's employee is multi-skilled and able to perform work in more than one trade (for example, a project requires a carpenter and a laborer, and the employee is a carpenter, but is also able to perform the work of a laborer), the bidder need only be a party to the carpenter's apprenticeship agreement and does not need to be a party to the laborer's apprenticeship agreement in order to qualify for the preference. The bidder is not "employing" a laborer, only a carpenter, and so only needs to be a party to the carpenter's apprenticeship agreement.
 - e. Qualification for the preference is given on a project-by-project basis and depends upon the specific offer for a specific project. A bidder's employees may vary from project to project and may qualify for the preference on one project but may not qualify on another project. For example, on one project, if the bidder only employs carpenters to perform work in the carpentry and labor trades, then the bidder only needs to be a party to the carpenter's apprenticeship agreement in order to qualify for the preference. However, on another project if the same bidder employs both carpenters and laborers, then the bidder will not qualify for the preference if the bidder is only a party to the carpenter's apprenticeship agreement and not the laborer's apprenticeship agreement.
2. State the trades the bidder will employ to perform the work;
3. For each trade to be employed to perform the work, the bidder shall submit a completed signed original *CERTIFICATION OF BIDDER'S PARTICIPATION IN APPROVED APPRENTICESHIP PROGRAM UNDER ACT 17 (Certification Form 1)* verifying the

participation in an apprenticeship program registered with the State Department of Labor and Industrial Relations (DLIR);

4. The *Certification Form 1* shall be authorized by an apprenticeship sponsor of the DLIR list of registered apprenticeship programs. The authorization shall be an original signature by an authorized official of the apprenticeship sponsor; and
5. The completed *Certification Form 1* for each trade must be submitted by the bidder with the offer. A facsimile or copy is acceptable to be submitted with the offer; however, the completed **signed original** must be submitted within five (5) working days of the due date of the offer. If the signed original is not received within this timeframe, the preference may be denied. Previous certifications shall not apply.

Failure to comply with ALL of the conditions noted above, without exception, shall disqualify the Bidder from qualifying for, and thus receiving, benefit of the Hawai'i Apprenticeship Preference.

The *Certification Form 1* and the List of Construction Trades in Registered Apprenticeship Programs is available on the DLIR website at: <http://labor.hawaii.gov/wdd/>.

Upon receiving *Certification Form 1*, the DHHL will verify with DLIR that the apprenticeship program is on the list of apprenticeship programs registered with the DLIR. If the program(s) are not confirmed by the DLIR, the bidder will not qualify for the preference.

If the bidder is certified to participate in an apprenticeship program for each trade which will be employed by the bidder for the project, a preference will be applied to decrease the bidder's total bid amount by five per cent (5%) for evaluation purposes.

Should the bidder qualify for other preferences (for example, Hawaii Products Preference), all applicable preferences shall be applied to the bid amount.

While preference for Hawai'i Apprenticeship will be taken into consideration to determine the low bidder, the contract awarded shall be the original bid amount, exclusive of any preferences. The preference is only for evaluation purposes.

The bidder hereby certifies that it will employ the following apprenticeable trades to perform the work for this project:

METHOD OF AWARD

Bidder is required to bid on the entire project. The low bidder shall be determined by the procedures outlined in items 1) through 4) below:

- 1) Prior to opening of bids, the State will determine the amount of funds available for the project. This amount will be designated the "control amount". The control amount shall be announced at, and prior to the opening of bids.
- 2) The Base Bid and Alternate, if any, of each Bidder will be adjusted to reflect the applicable preferences in accordance with Chapter 103D, HRS. The Alternate, if any, will then be added to the Base Bid and compared with the control amount.
- 3) The low bidder shall be the Bidder having the lowest aggregate amount, within the control amount (after application of the various preferences), for the Base Bid plus the Alternate, if any.
- 4) If adding the Alternate, if any, would make the aggregate amount exceed the control amount for all Bidders, the low bidder shall be the Bidder having the lowest Base Bid after application of the various preferences.

It is further understood and agreed that:

- 1) The Chairman reserves the right to reject any and/or all bids and waive any defects when, in his opinion, such rejection or waiver will be in the best interest of the State.
- 2) After determining the low bidder, an award may be made either on the amount of the Base Bid alone, or including the Alternate (exclusive of preferences), if:
 - a. It is in the best interest of the State;
 - b. Funds are available at time of the award; and
 - c. The combination of the Base Bid plus Alternate does not change the apparent low bidder.
- 3) In the event the Base Bid for all Bidders exceed the control amount, the Chairman reserves the right to negotiate with the lowest responsible and responsive bidder to award a contract within available funds.
- 4) In the event the award is made for the Base Bid alone, the Chairman reserves the right to amend the contract at a later date to include the Alternate should funds subsequently become available.

OTHER CONDITIONS

- 1) The liquidated damages per working day for failure to complete the work on time have been determined and are noted in the Special Conditions of the sample contract.
- 2) By submitting this bid, the undersigned is declaring that his firm has not been assisted or represented on this matter by an individual who has, in a State capacity, been involved in the subject matter of this contract in the past one (1) year.
- 3) By submitting this bid, the undersigned is declaring that Bidder's own organization will perform at least 20% of the contractor's work. For the purposes of this section, the Contractor's work is defined as: direct cost labor for contractor's forces; direct cost materials installed by the contractor's direct cost labor force; direct cost equipment, either owned or leased, used by the contractor's direct cost labor force; and field overhead cost to include: field supervision, field office trailer (if any), field office equipment and supplies, etc.
- 4) Upon the acceptance of the bid by the Chairman, the undersigned must enter into and execute a contract for the same and furnish a Performance and Payment Bond, as required by law. These bonds shall conform to the provisions of Sections 103D-324 and 325, Hawaii Revised Statutes, and any law applicable thereto.
- 5) The quantities given herewith are approximate only and are subject to increase or decrease.
- 6) The estimated quantities shown for items for which a UNIT PRICE is asked in this bid are only for the purpose of comparing on a uniform basis bids offered for the work under this contract. No claim shall be filed for anticipated profit or loss because of any difference between the quantities of the various classes of work done or the materials and equipment actually installed and the said estimated quantities. Payment on UNIT PRICE items will be made only for the actual number of units incorporated into the finished project at the contract UNIT PRICE.
- 7) If the product of the UNIT PRICE BID and the number of units does not equal the total amount stated by the undersigned in the Bid for any item, it will be assumed that the error was made in computing the total amount. For the purpose of determining the lowest Bidder, the stated UNIT PRICE alone will be considered as representing the Bidder's intention and the total amount bid on such items shall be considered to be the amount arrived at by multiplying the UNIT PRICE by the number of units.
- 8) Certification for Safety and Health Programs for Bids in Excess of \$100,000. In accordance with Sections 103D-327 and 396-18, Hawaii Revised Statutes, by submitting this bid, the undersigned certifies that his firm will have a written Safety and Health Plan for this project that will be available and implemented by the Notice to Proceed date of this project. Details of the requirements of this plan may be obtained from the Department of Labor and Industrial Relations, Occupational, Safety and Health Division.

- 9) Any contract arising out of this offer is subject to the approval of the Department of the Attorney General as to form, and to all further approvals, including the approval of the Governor, required by statute, regulation, rule, order, or other directive.

Receipt of the following addenda issued by the Department is acknowledged by the date(s) of receipt indicated below:

	Date		Date
Addendum No. 1	_____	Addendum No. 5	_____
Addendum No. 2	_____	Addendum No. 6	_____
Addendum No. 3	_____	Addendum No. 7	_____
Addendum No. 4	_____	Addendum No. 8	_____

It is understood that failure to receive any such addendum shall not relieve the Contractor from any obligation under this IFB as submitted.

Bid Security in the amount of: _____

_____ DOLLARS (\$_____)

as required by law, is enclosed herewith in the form of:

- | | |
|--|---|
| <input type="checkbox"/> Surety Bond (*1) | <input type="checkbox"/> Official Check (*3) |
| <input type="checkbox"/> Legal Tender (*2) | <input type="checkbox"/> Share Certificate (*3) |
| <input type="checkbox"/> Cashier's Check (*3) | <input type="checkbox"/> Teller's Check (*3) |
| <input type="checkbox"/> Certificate of Deposit (*3) | <input type="checkbox"/> Treasurer's Check (*3) |
| <input type="checkbox"/> Certified Check (*3) | |

Respectfully submitted,

Name of Company, Joint Venture or Partnership

License No.

By _____
Signature (*4)

Title: _____

Date: _____

Address: _____

Telephone No.: _____

(IF A CORPORATION, AFFIX CORPORATE SEAL TO SIGNATURE, BE SURE TO FILL IN ATTACHED LIST OF SUBCONTRACTORS. THIS BID FORM MAY NOT BE ALTERED AND BIDDERS MAY NOT QUALIFY OR CONDITION THEIR BIDS IN ANY WAY.)

PLEASE FILL OUT THE ATTACHED CERTIFICATE OF RESOLUTION GIVING EVIDENCE OF THE AUTHORITY OF THIS OFFICER TO SUBMIT BIDS ON BEHALF OF THE COMPANY.

NOTES:

- *1. Surety bond underwritten by a company licensed to issue bonds in this State;
- *2. Legal tender; or
- *3. A certificate of deposit; share certificate; or cashier's, treasurer's, teller's, or official check accepted by, and payable on demand to the State by a bank, a savings institution, or credit union insured by the Federal Deposit Insurance Corporation of the National Credit Union Administration.
 - A. These instruments may be utilized only to a maximum of \$100,000.
 - B. If the required security or bond amount totals over \$100,000, more than one instrument not exceeding \$100,000 each and issued by different financial institutions shall be accepted.
- *4. Please attach to this page evidence of the authority of this officer to submit bids on behalf of the Company, and also the names and residence addresses of all officers of the Company.
- *5. Fill in all blank spaces with information asked for or bid may be invalidated. **BID MUST BE INTACT; MISSING PAGES MAY INVALIDATE YOUR BID.**

CERTIFICATE OF RESOLUTION

I, _____, Secretary of _____, a Hawaii Corporation, do hereby certify that the following is a full, true and correct copy of a resolution duly adopted by the Board of Directors of said Corporation, at its meeting duly called and held at the office of the Corporation _____, Hawaii, on _____ day of _____, 20_____, at which a quorum was present and acting throughout; and that said resolution has not been modified, amended or rescinded and continues in full force and effect.

“RESOLVED that any individual at the time holding the position(s) of _____, be, and each of them hereby is, authorized to execute on behalf of the Corporation any bid, proposal or contract for the sale or rental of the products of the Corporation or for the services to be performed by the Corporation and to execute any bond required by any such bid, proposal or contract with the United States Government or the State of Hawaii or the City and County of Honolulu, or any County of Municipal Government of said State, or any department or subdivision of any of them.”

IN WITNESS THEREOF, I have hereunto set my hand and affixed the corporate seal of said

_____ this _____ day of _____, 20____.

Secretary

END OF BID

From Glover:

Q1) In regards to Proposal Bid Item Nos. 28, 29, 30 – Please provide allowance \$ amount:

Bid Item 28 - 1 Allowance, Archaeological work, including monitoring and miscellaneous work as directed by the archaeologist with the approval of DHHL.

Bid Item 29 - 1 Allowance, Removal of abandoned vehicles, trash, or dumped items, including hauling and disposal.

Bid Item 30 - 1 Allowance, Additional drainage improvements or other work as directed by the Engineer.

See revised Bid Offer Form in Addendum #2

Q2) Under Which Bid Items will payment be made for the:

- Earth Swale Dtl 4/C-8.0, Sheet C-2.0 – Under bid Item No. 3 of Bid Offer Form.
- 25'Ø Earth Drain Sump Dtl 3/C-8.0, Sheet C-2.0 – Under bid Item No. 3 of Bid Offer Form.
- 50' x 190' Earth Drain Sump Dtl 3/C-8.0, Sheet C-2.0 – Under bid Item No. 3 of Bid Offer Form.

Q3) Under which Bid Item are the 14 Each New 8'-0" Drain Sumps shown on sheet C-3.0 and Dtl C-8.2? – Removed from project, replaced with 20' deep drywells. See attached Addendum No. 2 drawings.

Q4) Please provide details and locations for the 5 Each V-Grate 20-foot Deep Drywell called out in Bid Item 19? – Quantity changed to four (4). See attached Addendum No. 2 drawings and Item No. 19 of the Bid Offer Form.

Q5) Please provide details and locations for the 3 Each V-Grate Drain Inlet Box called out in Bid Item 20? - See attached Addendum No. 2 drawings.

Q6) Bid Item 21 calls out 80 L.F. 18-inch dia. Connector Drainpipe. Sheet C-3.0 calls out 292 L.F. 18-inch dia. Connector Drainpipe. Under which bid item will the additional 212 L.F. 18-inch dia. Connector Drainpipe be paid? - Bid Item 21 revised to match the Addendum No. 2 drawings.

Q7) Under which bid item is street light pole (dtl 4/C-8.1) to be paid? Street light bid item added to Bid Offer Form.

- Q8) Please provide location of proposed street light pole. – Street light locations added to sheet C-3.0. See attached Addendum No. 2 drawings.
- Q9) Please provide soils report. Soils report will not be provided.
- Q10) Please provide cuts and fills for cross sections on sheets C-6.0 and C-6.1. – Earthwork table will be added on the next addendum.
- Q11) Will DHHL Be providing the Archaeologist for Allowance Bid item 28? Contractor responsible for hiring Archaeologist.
- Q12) Please clarify pavement structure on Akaka Falls Road (State Highway).
- Dtl 1/C-1.1 shows 3" AC over 6" Base course over 12" Subbase Course
 - Notes for Construction within the State Right-of-Way Note 5.C. Minimum Pavement Structure on major highways shows 4" AC, over 8" ACB, over 12" Subbase – or 4" AC over 12" ACB – Revised to 4" AC over 8" ACB over 12" Subbase. See attached Addendum No. __ drawings.
 - Notes for Construction within the State Right-of-Way Note 5.A. and 5.B. pavement structure seems to be specifically for sideroads and driveways – Revised to 4" AC over 8" ACB over 12" Subbase. See attached Addendum No. __ drawings.
- Q13) Under which bid item will the 12" Subbase course on state highway shown in detail 1/C-1.1 be paid? – 12" Subbase course added to Bid Offer Form.

From Drainpipe Plumbing and Solar:

- 1) Do you have an estimated cost of this project?
- 2) Does the bidder provide a cost amount for power by HELCO or does DHHL cover that cost? HELCO had estimated the cost to be \$374,050 but it is still subject to change.
- 3) Will you be providing a fine grade plan prior to bid date? No, we will be providing grading notes in electronic format to the winning bidder.

From Okahara:

- 1) Added "Item 31 Remove all Albizia trees from within the construction limits" to the Bid Offer Form.



This work was prepared by me or under my supervision and construction to this project will be under my observation.

Bruce K. Meyers
Expiration Date of License: 4/30/22

No.	Date	Description
1	11/11/20	CONSTRUCTION AREA LIMITS AND LOCATION OF STOCK PILE AREA
2	10/29/20	REVISED INLET BOX AND DRYWELL

Project

HONOMU SUBSISTENCE AGRICULTURE SUBDIVISION PHASE 1

TMK: (3) 2-8-011 :011
AKAKA FALLS ROAD
HONOMU, HAWAII 96728

Sheet Title

GRADING, EROSION CONTROL AND SITE DRAINAGE PLAN

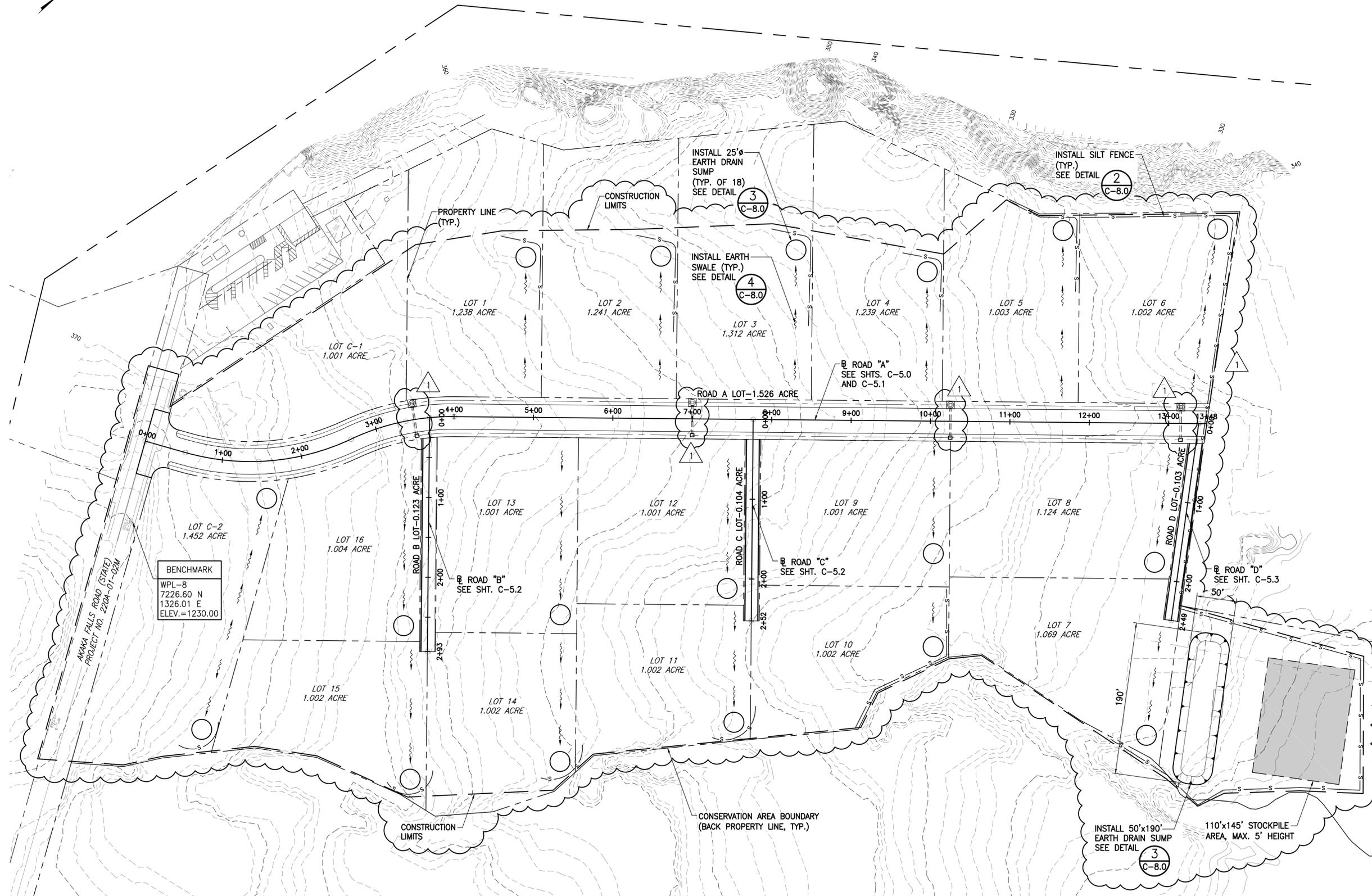
LOK: 218-026
Project Director: Project No.

SLP/LG: BKM
Drawn By: Checked By: CAD File Name:

AS SHOWN
Scale:

MAY 2020
Date: **C-2.0**

Const. Issue Date: 4 of 19 Sheets



GRADING, EROSION CONTROL AND SITE DRAINAGE PLAN
SCALE: 1"=60'



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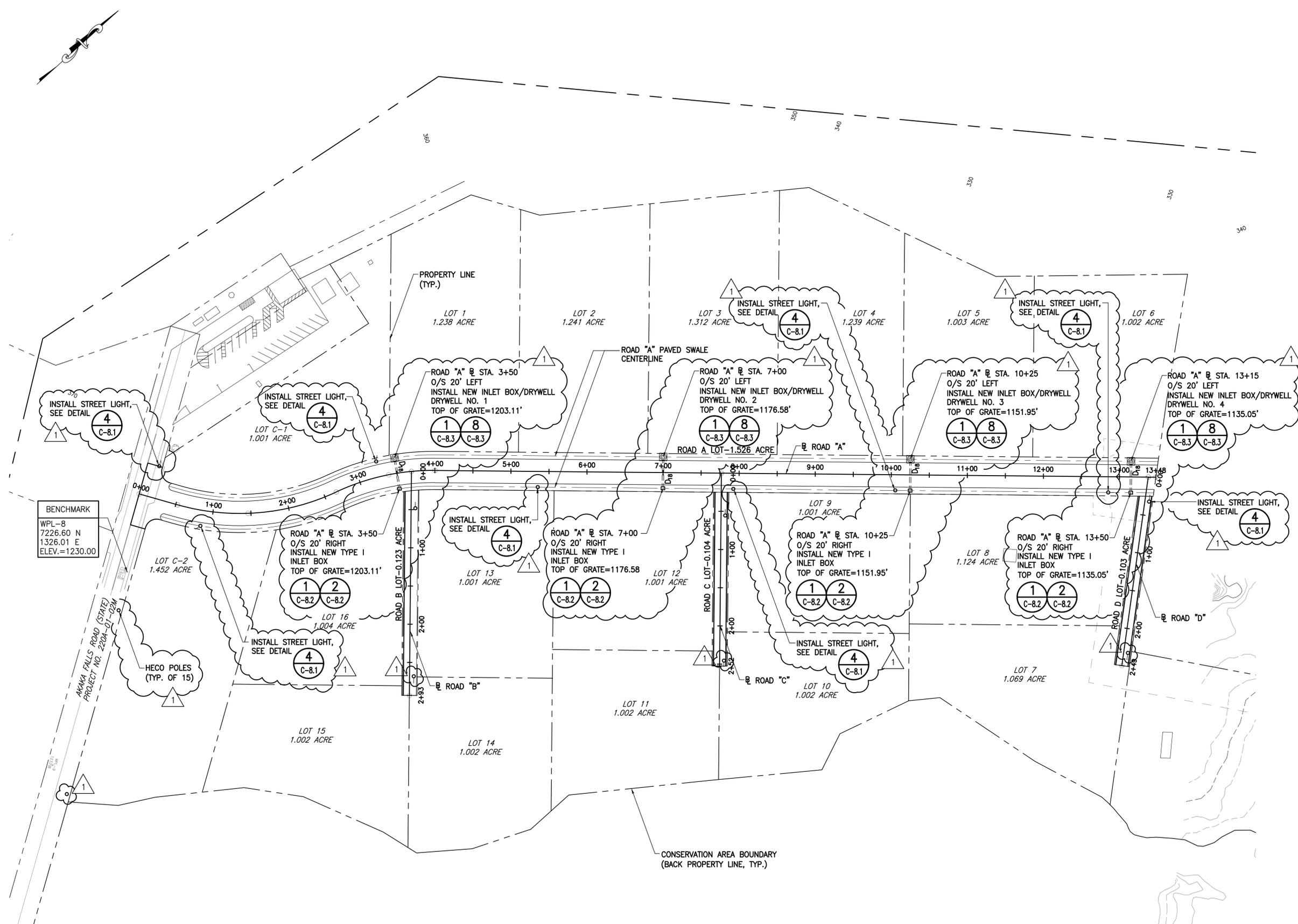
No.	Date	Description
1	11/12/20	LOCATE POWER POLES ON PLAN
2	10/29/20	REVISED INLET BOX AND DRYWELL

Project

HONOMU SUBSISTENCE AGRICULTURE SUBDIVISION PHASE 1

TMK: (3) 2-8-011 :011
AKAKA FALLS ROAD
HONOMU, HAWAII 96728

Sheet Title	
UTILITY PLAN	
LOK	218-026
Project Director	Project No.
SLP/LG	BKM
Drawn By	Checked By
AS SHOWN	CAD File Name:
Scale:	
MAY 2020	C-3.0
Date	
Const. Issue Date	5 of 19 Sheets



UTILITY PLAN
SCALE: 1"=60'



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Expiration Date of License: 4/30/22

No.	Date	Description
1	11/12/20	LOCATE POWER POLES ON PLAN
2	10/29/20	REVISED INLET BOX AND DRYWELL

Project

HONOMU SUBSISTENCE AGRICULTURE SUBDIVISION PHASE 1

TMK: (3) 2-8-011 :011
AKAKA FALLS ROAD
HONOMU, HAWAII 96728

Sheet Title

ROAD "A" - PLAN AND PROFILE

LOK: 218-026
Project Director: Project No.

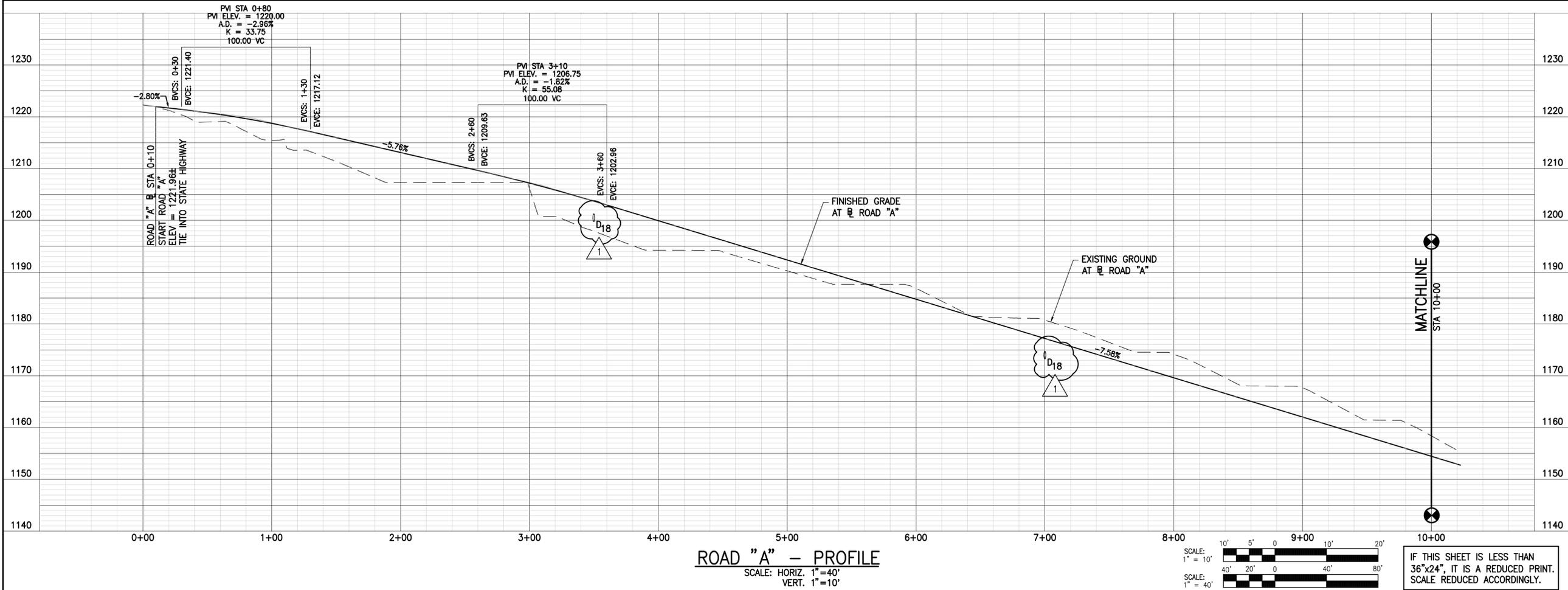
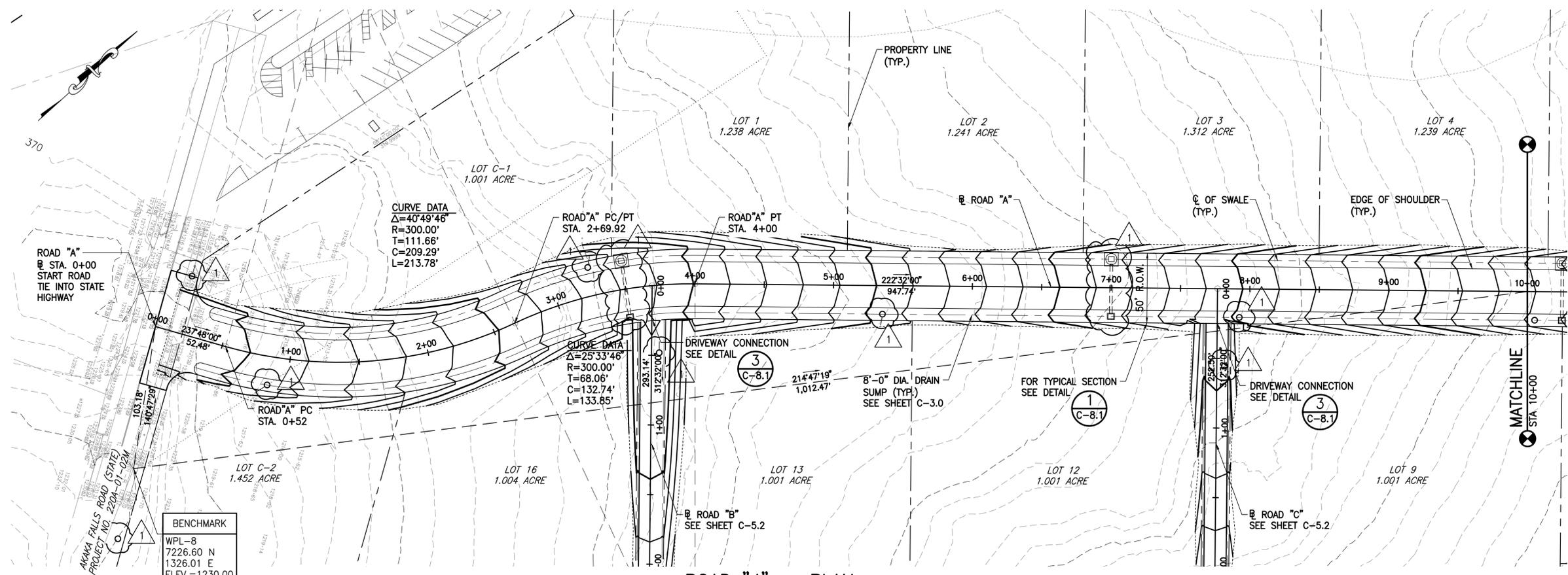
SLP/LG: BKM
Drawn By: Checked By: CAD File Name:

AS SHOWN
Scale:

MAY 2020
Date

C-5.0

Const. Issue Date: 7 of 19 Sheets



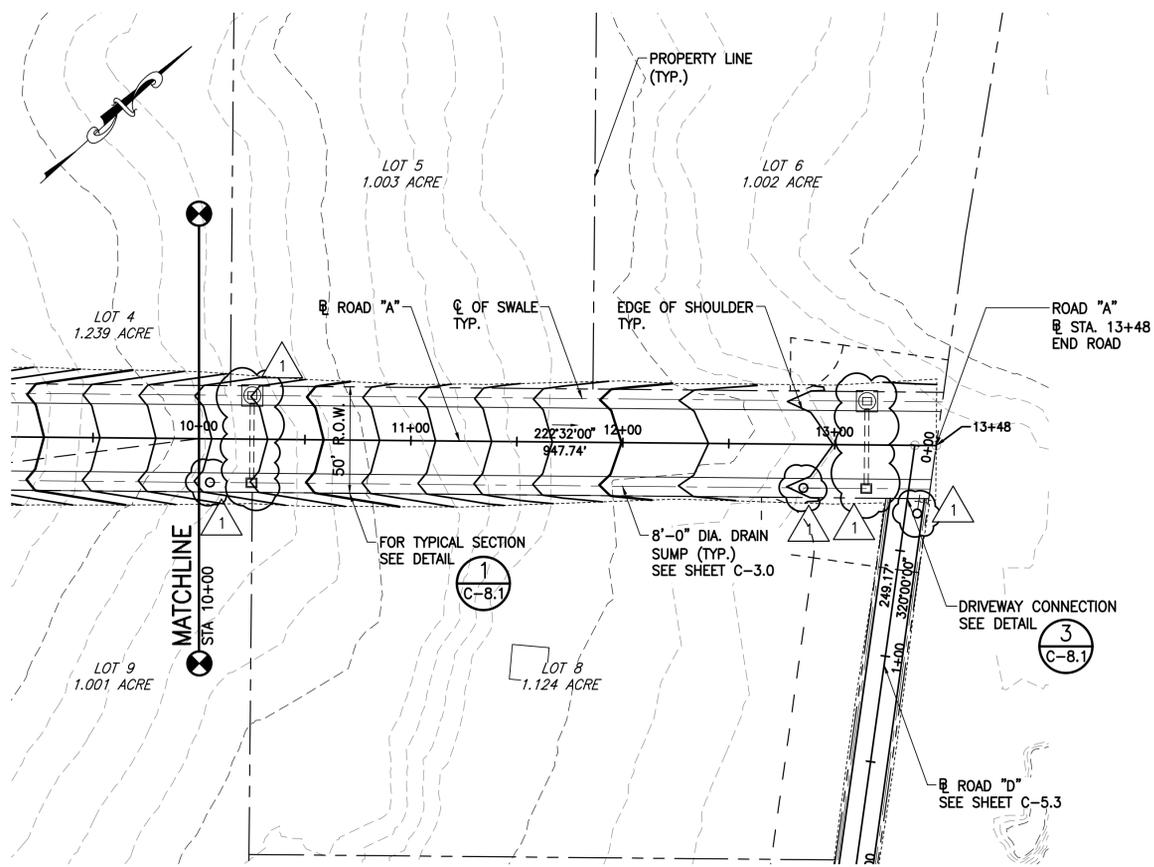
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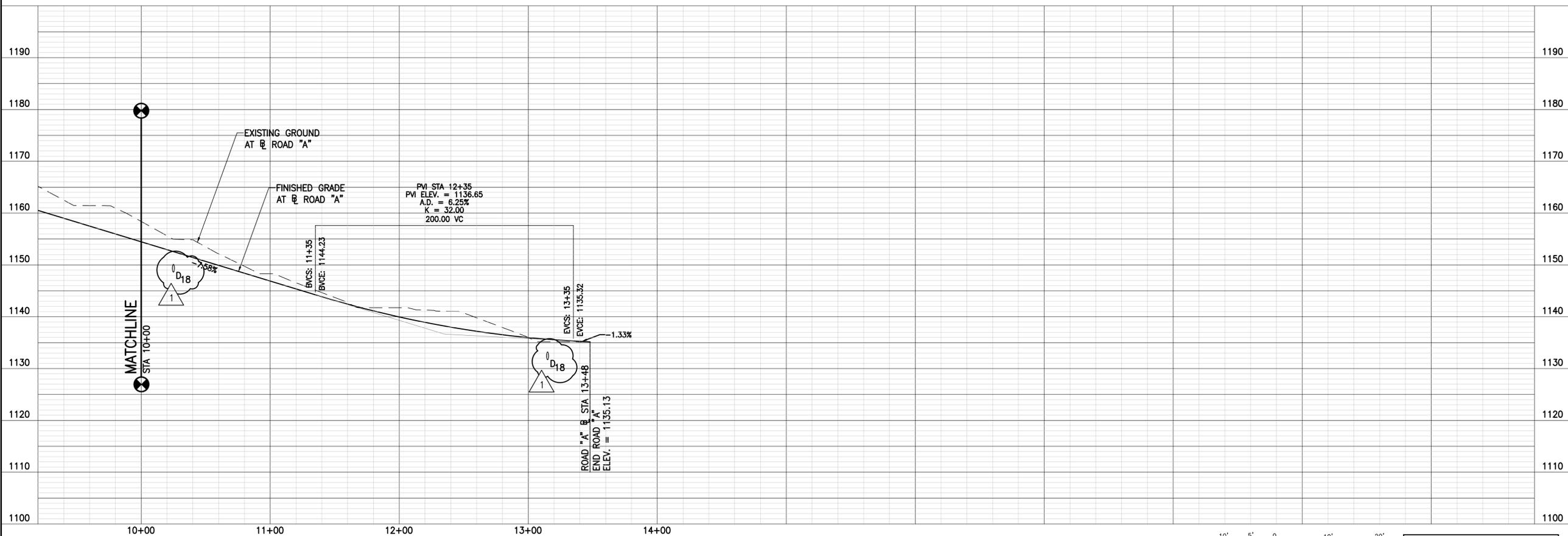
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Expiration Date of License: 4/30/22

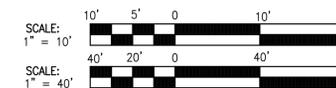
No.	Date	Description
1		
2		
3	11/12/20	LOCATE POWER POLES ON PLAN
4	10/29/20	REVISED INLET BOX AND DRYWELL



ROAD "A" - PLAN
SCALE: 1" = 40'



ROAD "A" - PROFILE
SCALE: HORIZ. 1" = 40'
VERT. 1" = 10'



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Project

HONOMU SUBSISTENCE AGRICULTURE SUBDIVISION PHASE 1

TMK: (3) 2-8-011 :011
AKAKA FALLS ROAD
HONOMU, HAWAII 96728

Sheet Title

ROAD "A" - PLAN AND PROFILE

LOK 218-026
Project Director Project No.

SLP/LG BKM
Drawn By Checked By CAD File Name:

AS SHOWN
Scale:

MAY 2020
Date

Const. Issue Date

C-5.1

8 of 19 Sheets



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Bruce K. Meyers
Expiration Date of License: 4/30/22

Revisions

No.	Date	Description
1	10/29/20	REVISED INLET BOX AND DRYWELL

Project

HONOMU SUBSISTENCE AGRICULTURE SUBDIVISION PHASE 1

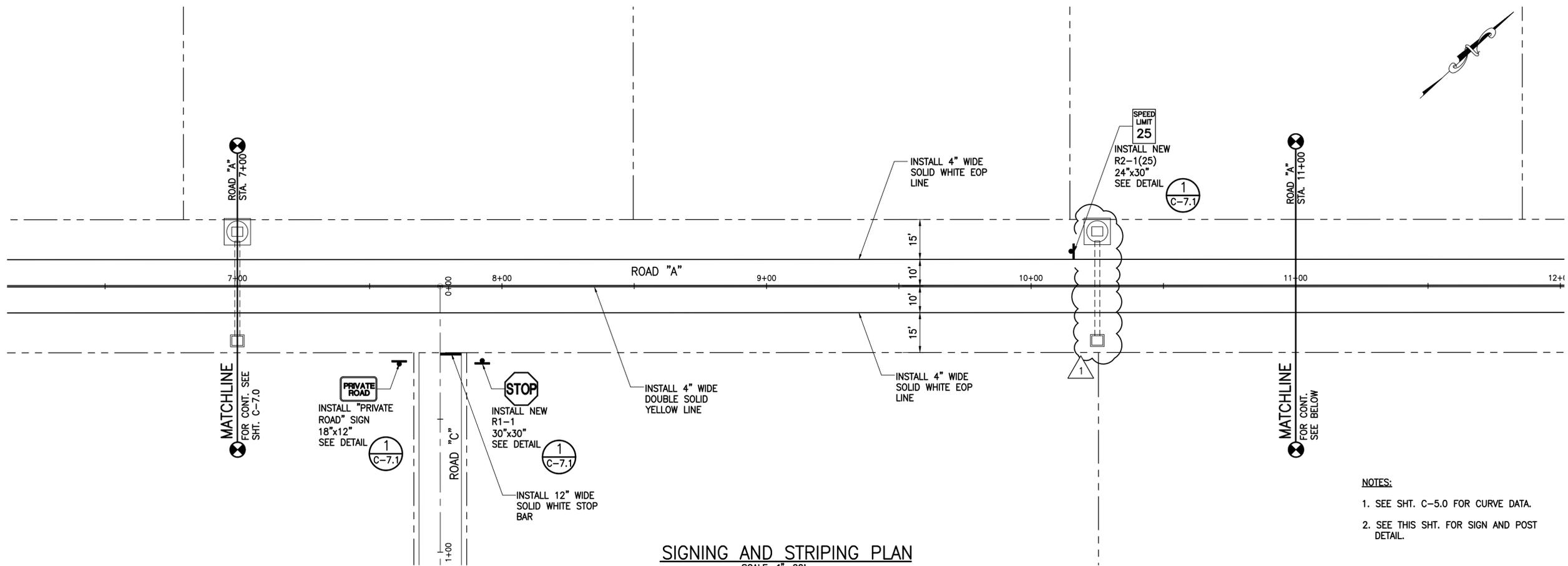
TMK: (3)2-8-011 :011
AKAKA FALLS ROAD
HONOMU, HAWAII 96728

Sheet Title

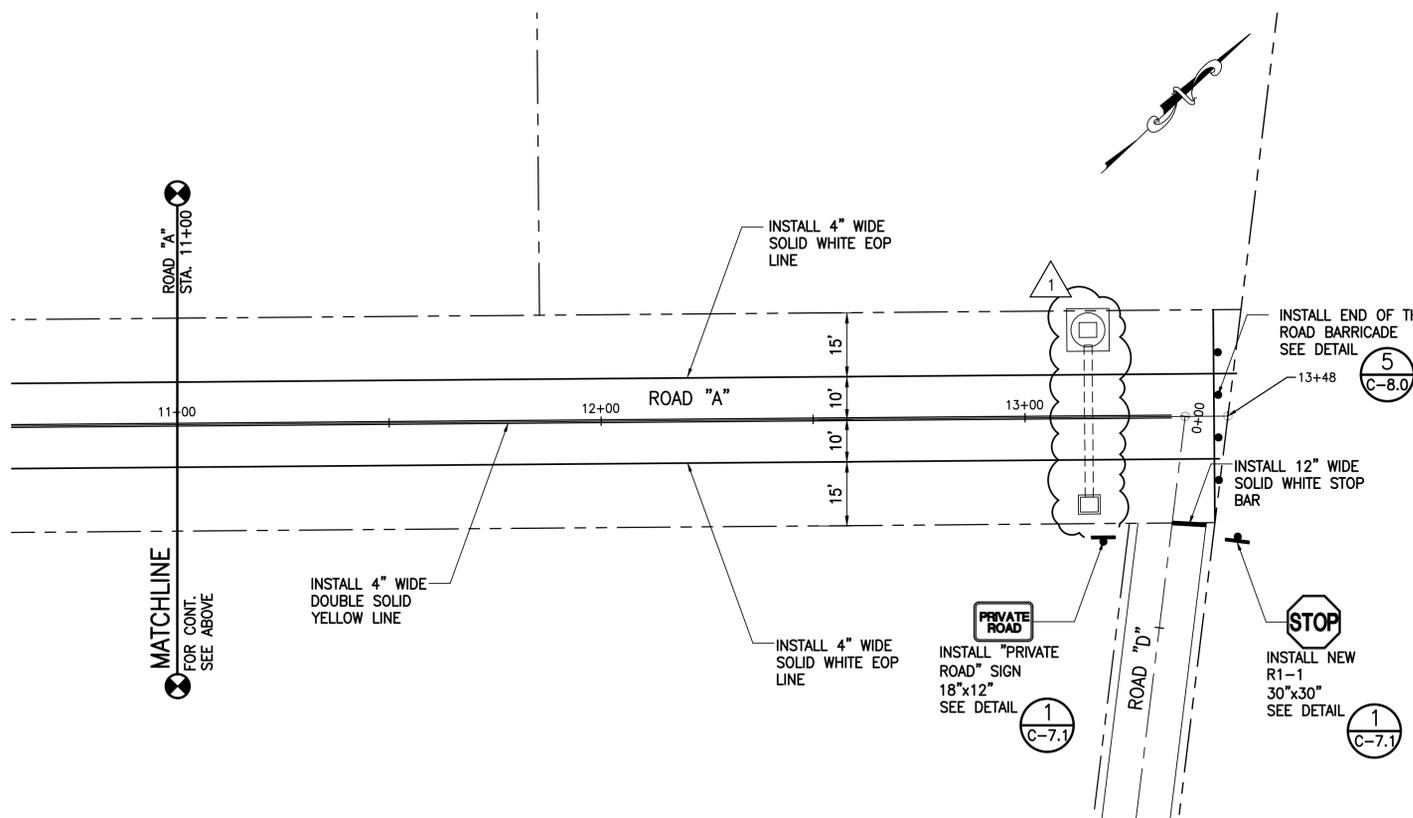
SIGNING AND STRIPING PLAN AND DETAILS

LOK	218-026
Project Director	Project No.
SLP/LG	BKM
Drawn By	Checked By
AS SHOWN	CAD File Name:
Scale:	
MAY 2020	
Date	
Const. Issue Date	

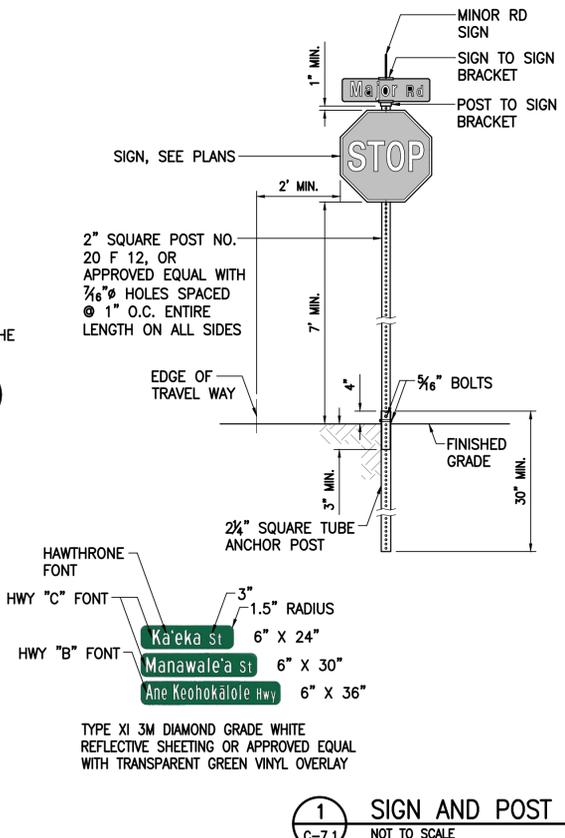
C-7.1



- NOTES:**
- SEE SHT. C-5.0 FOR CURVE DATA.
 - SEE THIS SHT. FOR SIGN AND POST DETAIL.

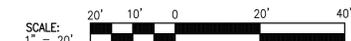


SIGNING AND STRIPING PLAN
SCALE: 1"=20'



1 SIGN AND POST DETAIL
C-7.1 NOT TO SCALE

- STREET NAME SIGNS:**
- WHITE BACKGROUND SHALL BE TYPE XI 3M DIAMOND GRADE DG³ REFLECTIVE SHEETING OR APPROVED EQUAL WITH TRANSPARENT GREEN VINYL OVERLAY.
 - LETTERING SHALL BE FIRST LETTER UPPERCASE / LOWER CASE FORMAT AND CONFORM TO THE DETAIL BELOW AND THE LATEST EDITION OF THE STANDARD HIGHWAY SIGNS BOOK.
 - STREET NAME SHALL CONFORM TO THE PROPER HAWAIIAN SPELLING AS ASSIGNED BY THE COUNTY OF HAWAII PLANNING DEPARTMENT.
- STOP SIGNS:**
- STOP SIGN, FACING MINOR ROAD 30" X 30" MINIMUM SIZE WITH TYPE XI 3M DIAMOND GRADE DG³ REFLECTIVE SHEETING OR APPROVED EQUAL.
- SIGN PLATES:**
- 0.080 INCH MINIMUM THICKNESS, ALUMINUM SHEET (ASTM B 209, ALLOY 6061-T6, FLAT SHEET). STREET NAME PLATES SHALL BE 24", 30", or (36" MAXIMUM).
- NOTES:**
- THE INSIDE OF THE 2 1/4" ANCHOR POST MUST BE KEPT FREE OF IMPEDIMENTS TO ASSURE EASY INSERTION OF THE 2" SIGN POST.
 - SQUARE TUBE SIGN POST SHALL BE TELESCOPING PERFORATED TELESPAR TUBING OR APPROVED EQUAL.
 - SIGN DIMENSIONS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE STANDARD HIGHWAY SIGNS BOOK.
 - FLANGED CHANNEL POSTS AND OCTAGONAL POSTS ARE NOT ACCEPTABLE.
 - ALL INSTALLATION SHALL BE FIRM AND PERFORMED IN A FIRST CLASS WORKMAN-LIKE MANNER ACCORDING TO INDUSTRY STANDARDS.

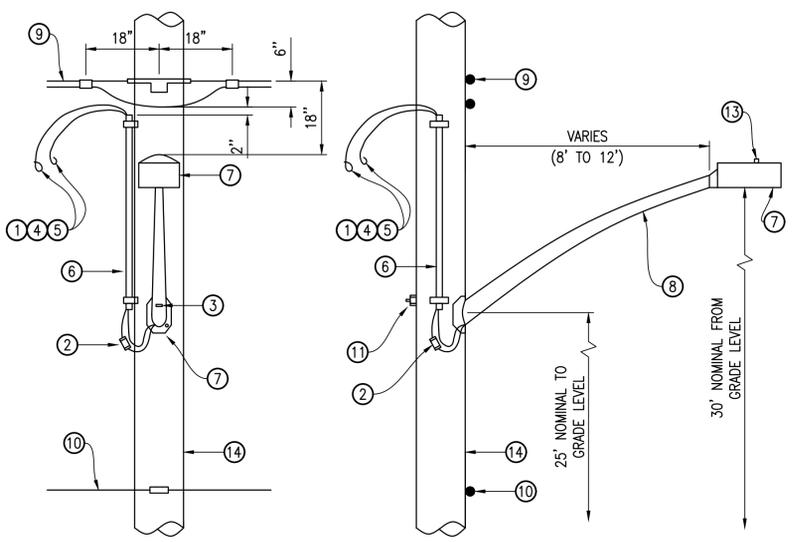
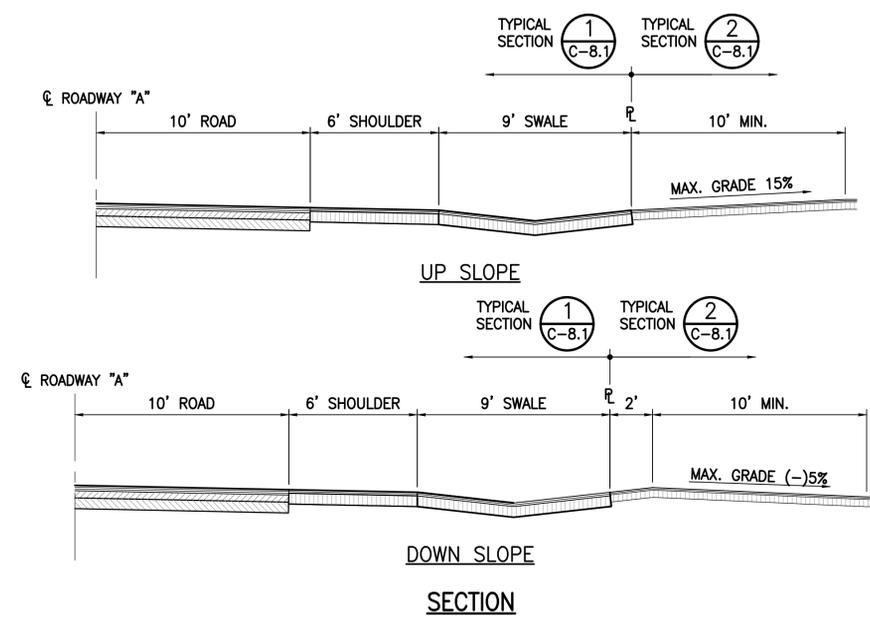
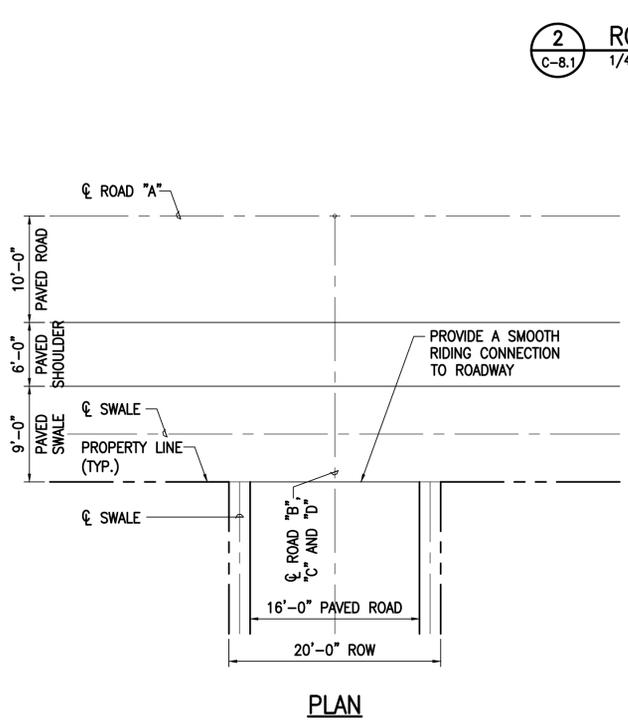
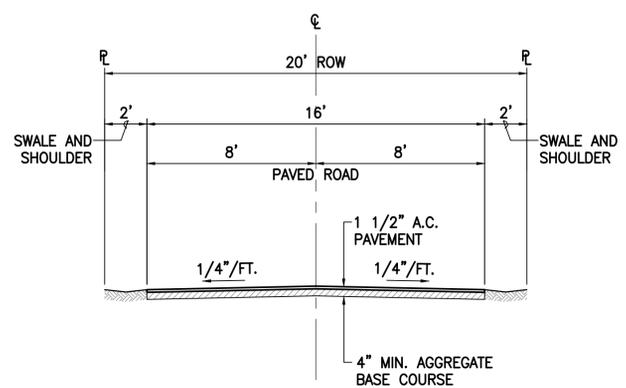
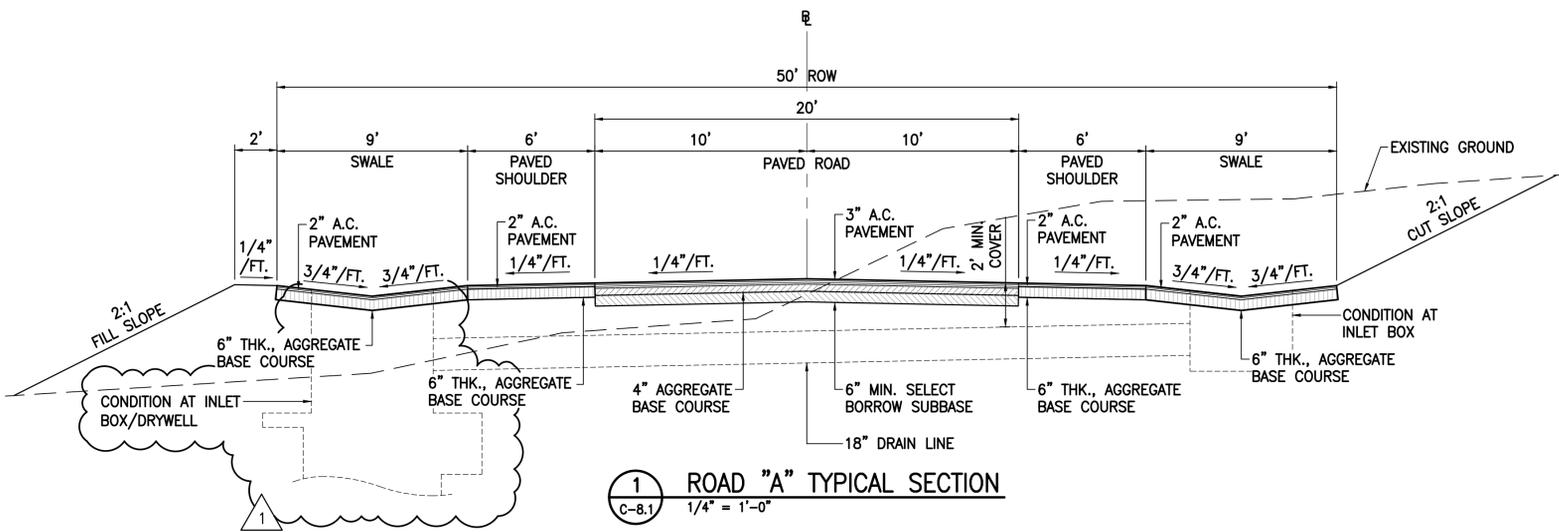


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Bruce K. Meyers
Expiration Date of License: 4/30/22



#	DESCRIPTION
1	NO. 12 AWG-RHW, BLACK AND WHITE COPPER WIRE
2	IN-LINE FUSE HOLDER AND FUSE (6 AMP) FOR NO. 12 AWG COPPER WIRE ON LOAD SIDE.
3	2" X 2" REFLECTORIZED GREEN STICKER, SIGNIFYING THAT STREET LIGHTS ARE BONDED.
4	NO. 12 AWG-RHW BLACK, SINGLE CONDUCTOR COPPER WIRE. MINIMUM 3'.
5	NO. 12 AWG-RHW WHITE, SINGLE CONDUCTOR COPPER WIRE. MINIMUM 3'.
6	3/4" SCHEDULE 80 PVC WITH CONDUIT STRAPS
7	LUMINAIRE, MODEL# CWES-HIB-SLA-74-1-5-UN-GR-YL-2V-PC-SS-BT-EL, 46 WATT
8	TAPERED ELLIPTICAL ALUMINUM MOUNTING BRACKET, LENGTH AS INDICATED.
9	SECONDARY BY HELCO, EXISTING OR NEW AS APPLICABLE.
10	H.T.CO. LINES (WHERE APPLICABLE)
11	MACHINE BOLT, 5/8" X REQUIRED LENGTH. (1-REQ'D.)
12	LAG SCREW, 1/2" X 4".
13	PHOTOCELL
14	UTILITY POLE, NEW OR EXISTING AS INDICATED.

FINAL CONNECTIONS TO BE MADE BY HAWAII ELECTRIC LIGHT COMPANY.

NOTE: SUBMIT SKETCH TO TRAFFIC DIVISION INDICATING TOTAL POLE HEIGHT, CONTACT HEIGHTS, CONTACT HEIGHTS FOR H.T.CO., CATV, NEUTRALS, SECONDARY, PRIMARY, AND STREET LIGHT, AS APPLICABLE, PRIOR TO INSTALLATION. SUBMIT LETTER CONFIRMING THAT JOINT POLE SHARES HAVE BEEN PAID FOR BY THE CONTRACTOR.

Revisions

No.	Date	Description
1	10/29/20	REVISED INLET BOX AND DRYWELL

Project

HONOMU SUBSISTENCE AGRICULTURE SUBDIVISION PHASE 1

TMK: (3)2-8-011 :011
AKAKA FALLS ROAD
HONOMU, HAWAII 96728

Sheet Title

ROAD TYPICAL SECTIONS AND DETAILS

LOK 218-026
Project Director Project No.

SLP/LG BKM
Drawn By Checked By CAD File Name:

AS SHOWN
Scale:

MAY 2020
Date

C-8.1

Const. Issue Date 16 of 19 Sheets



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