

DEPARTMENT OF HAWAIIAN HOME LANDS
STATE OF HAWAII

DECEMBER 11, 2018

ADDENDUM NO. 2

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

HONOKAI'A NON-POTABLE WATER SYSTEM

HONOKAI'A, HONOKA'A, COUNTY OF HAWAII, HAWAII

IFB NO.: IFB-19-HHL-006

NOTICE TO ALL PROSPECTIVE BIDDERS

This addendum is hereby made a part of the PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND for the HONOKAI'A NON-POTABLE WATER SYSTEM, HONOKAI'A, HONOKA'A, COUNTY OF HAWAII, HAWAII, and it shall amend the said contract documents as detailed within this Addendum document.

APPROVED:



Norman Sakamoto, LDD Administrator
Department of Hawaiian Home Lands

Date: December 11, 2018

Please detach, execute, and return immediately, the receipt below, to the Department of Hawaiian Home Lands, Hale Kalaniana'ole, 91-5420 Kapolei Parkway, Kapolei, Hawaii or transmit facsimile to (808) 620-9299.

Receipt of Addendum No. 2 for the HONOKAI'A NON-POTABLE WATER SYSTEM, HONOKAI'A, HONOKA'A, COUNTY OF HAWAII, HAWAII, is hereby acknowledged.

Signed _____ Title _____

Firm _____ Date _____

ADDENDUM NO. 2
DECEMBER 11, 2018

TO

PLANS, BID FORM, SPECIFICATIONS, CONTRACT AND BOND

FOR

HONOKAI'A NON-POTABLE WATER SYSTEM

HONOKAI'A, HONOKA'A, COUNTY OF HAWAII, HAWAII

IFB NO.: IFB-19-HHL-006

IFB-19-HHL-006 is revised as follows:

CONTRACTOR'S SUBMITTALS – BID OFFER FORM

1. Replace Page 4 of the Bid Offer Form and replace with Addendum No. 2 (December 11, 2019) Bid Offer Form, Attachment 1 to this addendum.

TECHNICAL SPECIFICATIONS

1. Replace Page 3 of Technical Specification Section 03300 – Cast-in-Place Concrete and replace with Addendum No. 2 (December 11, 2018) Section 03300 – Cast-in-Place Concrete, Attachment 2 to this addendum.
2. Replace Technical Specification Section 05600 - Prefabricated Steel Water Tanks in its entirety and replace with Addendum No. 2 (December 11, 2018) Section 05600 - Prefabricated Steel Water Tanks, Attachment 3 to this addendum.

CONSTRUCTION PLANS

1. Replace Sheets 3, 22 and 24 with (Attachment 4 to this addendum):
 - Sheet 3 – Schematic General Layout Plan
 - Sheet 22 – Details
 - Sheet 24 - Details

DHHL SPECIAL CONDITIONS

1. In the DHHL Sample Contract, delete the following Special Conditions
 - SC-34 Project Sign and attachment S5

PRE-BID SITE VISIT MINUTES AND SIGN IN SHEET

A Pre-bid conference was held at the DHHL West Hawaii District Office, 64-756 Mamalahoa Highway, Kamuela, HI 96743 on December 4, 2018 followed by a site visit. The minutes from the meeting and the sign-in sheet are on Attachment 5 of this addendum.

REQUESTS FOR CLARIFICATION

1. Questions asked at the Pre-Bid Meeting and Site Inspection

Will a project sign be required?

- No, a project sign will not be required.

Will the Tank require installation of tank coatings by contractor?

- No, exterior coatings will not be required.

Will waterproofing be required on the concrete slab?

- No, waterproofing will not be required.

Is there an inventory of the tank?

- A basic inventory is attached. However, the Contractor shall inventory the existing tank components and provide a list of “missing” or “not usable” parts prior to work on the Tank. At a minimum, liner needs to be replaced and new nuts and bolts should be used.

The Tank Erector Qualifications are very restrictive – Scafco has several licensed contractors that are approved installers in Hawaii, but not all hold the General Engineering “A” license. Would it be sufficient for the general contractor to hold the General Engineering “A” license?

05600.1.05 QUALIFICATIONS OF TANK ERECTOR - Tank Erector shall be licensed to perform General Engineering “A” construction work in the State of Hawaii and shall have erected, at least, 5 storage tanks of similar design and size in the State of Hawaii

- No, the license requirements will be waived. However, the Tank Erector shall be approved by SCAFCO.

2. Other questions received as of December 7, 2018.

Would it be possible to revise the proposal to eliminate the bid items for buried pipelines across the pasture lands and move Bid items for above ground pipeline with intermittent bury to base bid?

- No, the project will be bid as submitted.

Please provide a detail for ARV and PRV Protection from pigs and cattle.

- See Detail 9/C-21, above ground installation, to the right of the ARV detail. The Contractor may propose alternative options for protection subject to approval by DHHL. All PRVs shall be buried.

Please provide GPS coordinates or photos of the connection to DWS System on Mr. Bertelmann's pasture land.

- We do not have GPS location specifically, the connection point is buried; however, the final connection point is left to the Contractor with reasonable limits. The current "point" is on the top of a hill, moving the connection point Mauka to a lower point is acceptable. Actual point of connection will need to be approved by the Engineer and Mr. Bertelmann, and is subject to approval by the Department of Water Supply.

Is tank waterproofing and sealant required? Per detail 2/S-3 Footing Section Notes 2 "Tank Manufacturer shall provide Tank Waterproofing and Sealant Requirements."

- Waterproofing will not be required.

Will DHHL provide the Tank Exterior Ladder, Tank Roof Ladder, Tank Corrugated Wall Sheets, Tank Roof Panels, Tank Roof Entry Hatch, Tank Roof Apex Vent/Access Manway, Tank Roof Gooseneck Vent and Tank Roof Safety Steps of cold formed steel angle.

- The Contractor shall inventory the existing tank components and provide a list of "missing" parts prior to work on the Tank area. The Contractor is expected to replace the Liner, nuts and bolts and clips as necessary, all other components are expected to be in the container.

Will DHHL provide the Tank Level Indicator and Appurtenances?

15050.2.06 TANK LEVEL INDICATOR. A. Float based level indicator shall be furnished for each tank. Wind guards shall be provided to prevent indicator from swaying.

- No, if these are missing, the Contractor shall itemize and provide under a Change Order.

Will the non-potable waterlines require disinfection?

02510.3.04.A. The installation, testing, disinfection and acceptance of water lines shall be governed by the DWS Standards and the Uniform Plumbing Code.

- No, since the system is non-potable, the waterlines do not have to be disinfected.

Section 05600 - 1.02: Please confirm that the tank was previously used with penetrations through the floor and no tank sheets have been retrofitted for flanges. If the wall sheets have been cut please provide these locations and details.

- The Tank was previously used and disassembled by another agency. Details of previous use are unknown. The Contractor is responsible for retrofitting the tank as necessary to fit this project. Bid the project as if the Tank components are complete.

Please confirm the size of the storage container holding the tank materials.

- Standard Matson shipping container, est. 40'. Container was viewed during pre-bid meeting.

Please confirm that tank builder will have the opportunity to inspect the tank materials and revise this list at the cost of the client should unforeseen conditions exist.

- See responses above.

Section 05600 - 2.01: Please confirm:

Wall staves are as-is. Contractor is not responsible for meeting spec requirements

- Agreed, unless damaged beyond use, then will be inventoried.

Bolting hardware are as-is and may be replaced (stated as necessary in section 1.04) per manufacturer recommendation.

- All Bolting Hardware is to be replaced.

Roof sheets are as-is. Contractor is not responsible for meeting spec requirements

- Agreed, unless damaged beyond use, then will be inventoried.

Tank roof panels are as-is. Contractor is not responsible for meeting spec requirements

- Do you mean side panels? Agreed, unless damaged beyond use, then will be inventoried.

Tank coatings are as-is. Contractor is not responsible for meeting spec requirements

- Agreed, unless damaged beyond use, then will be inventoried.

Drawing: C-23 – Section C-C Drain: The 4” overflow is shown with a non-cemented flange just above the floor interface with the tank liner so that the overflow pipe can be pulled out and the fitting will act as a drain. We are concerned that it will not be possible to create a water tight seal at this fitting and constant leakage to the washout will occur. It is recommended to replace this arrangement with an independent 4” HDPE floor drain and pipe with a shut off valve outside the tank foundation perimeter. The drain pipe can “tee” into the overflow.

- The purpose of the overflow line is to drain excess water in the event that the tank is filled beyond its capacity. This prevents the tank from overflowing and water from spilling out of the tank. Replacing the arrangement with a floor drain would act as a drain for the tank and defeat the purpose of the overflow line. The configuration is a standard connection and should not leak. The HDPE flange will have a stainless steel backing ring to secure seal on connection.

Drawing: C-23 – Section C-C Interior Ladder: Whereas the space inside the active tank is considered “permit required confined space” and the presence of an interior ladder may encourage entry of untrained and uncertified individuals. This creates an unnecessary drowning hazard and a liability for the DHHL. It is recommended to delete the interior ladder.

- Remove interior ladder.

Drawing: C-23 – Section A-A and D-D: Please confirm whether the level indicator is included with the materials to be supplied by DHHL.

- See response above.

Technical specifications calls out a .47 water to cement ratio and Sheet S-1 calls out for a water cement ratio of .48. Which water cement ratio would you like us to follow?

- Use water to cement ratio of 0.48. Refer to updated technical specification section 03300 – Cast-in-Place Concrete.

Please provide sign dimensions for the 34 each non-potable water signs (reference typical sign detail 4/C-21).

- Sign shall be 12 x 18. See revised drawings. Only two signs will be required at the beginning of the system and at the tank.

Please provide more information for work at Lot 4 (Lower Tank Site) as mentioned in Foundation Note 4 sheet S-1, and Geotechnical Report

- Project was originally designed for two tanks. The Lower Tank Site was removed from the project. Ignore references to Lower Tank Site.

Please confirm Geotex 401 Fabric and Tensor Geogrid BX 1100 are only installed on the bottom of the excavation for the 2 ft thick and 3 ft thick roadway subbase material, and do not extend up the sides of the excavation. (Ref dtls, 1/C-4, 2/C-4)

- Confirmed, the geotextile fabric and geogrid are only installed on the bottom on the excavation.

Please confirm Geotex 401 Fabric and Tensor Geogrid BX 1100 are not to be installed below the tank foundation. Ref Sheet S-3

- Confirmed, the geotextile fabric and geogrid is not required below the tank foundation.

Please confirm tank foundation compacted structural fill to three feet outside of tank foundation is to extend to 4.5 ft below finish grade (3 ft below footing) as shown on Dtl 1/S-3. (fill to this extra depth will be approx 215 CY subbase course – bid item is 170 CY)

- Quantity for fill under the foundation was initially included in line item number 24 to install the water storage tank. Line item number 7 has been revised to include all structural fill for tank foundation.

I see 1 non-potable sign at tank site, 22 non-potable sign at Single service laterals, 8 non-potable sign at Double service laterals. Where are the other 3 non-potable signs for bid item 10 – 34 each?

- Signage will be required only at the beginning of the system and at the tank.

7.	240	Cu. Yds., Select Borrow Subbase Course, 36-inch thick, for Tank Foundation, including geogrid	Per Cu. Yd.	\$ _____	\$ _____
8.	175	Lin. Ft., Cattle Fence	Per Lin. Ft.	\$ _____	\$ _____
9.	1	Ea., Double Swing Gate in place complete	Per Ea.	\$ _____	\$ _____
10.	2	Ea., "Non-Potable Water Do Not Drink" sign and post, in place complete.	Per Ea.	\$ _____	\$ _____
11.	25	Lin.Ft., 4-Inch DR17 HDPE Fusion Pipe and Fittings, including trench excavation, pipe cushion, backfill, in place complete	Per Lin. Ft.	\$ _____	\$ _____
12.	6,573	Lin.Ft., 3-Inch DR9 HDPE Fusion Pipe and Fittings, including trench excavation, pipe cushion, backfill, in place complete	Per Lin. Ft.	\$ _____	\$ _____
13.	22,409	Lin.Ft., 1-1/2 Inch DR9 HDPE Fusion Pipe and Fittings, including trench excavation, pipe cushion, backfill, in place complete	Per Lin. Ft.	\$ _____	\$ _____
14.	4	Ea., Pressure Reducing Valve & Meter Box, in place complete	Per Ea.	\$ _____	\$ _____
15.	1	Ea., Backflow Preventer & Meter Box, in place complete	Per Ea.	\$ _____	\$ _____

1. Class: Moderate weathering region, but not less than 3M.
 2. Aggregate Size: No. 57 (1 inch to 3/8 inch).
- F. Water: Potable and complying with ASTM C 94 or non potable meeting ASTM C-94 Acceptance Criteria for Questionable Water Supply. Use only potable water for job site mixing.

2.02 ADMIXTURES

- A. General: Admixtures shall be certified by manufacturer to contain not more than 0.1 percent water-soluble chloride ions by mass of cementitious material and to be compatible with other admixtures and cementitious materials. Do not use admixtures containing calcium chloride.
- B. Air-Entraining Admixture: ASTM C 260.
- C. Water-Reducing Admixture: ASTM C 494, Type A.
- D. High-Range, Water-Reducing Admixture: ASTM C 494, Type F.
- E. Water-Reducing and Retarding Admixture: ASTM C 494, Type D.
- F. Shrinkage Reducing Admixture which reduces capillary tension of pore water, and not by expansive properties. Products such as Tetraguard AS20 by BASF and Eclipse 4500 by Grace Construction meet this requirement.

2.03 PROPORTIONING

- A. Prepare design mixes for each type and strength of concrete determined by either laboratory trial mix or field test data bases in accordance to ACI 211.1 and ACI 301.
- B. The concrete mix design for elements of the concrete tank foundation and slab shall have a maximum water-cement ratio of 0.48 based on weight.
- C. Compressive Strength (28 days):
 1. Tank Foundation and Slab 4,000 psi (AAA)
 2. Sitework (swales, curb and gutter) 3,000 psi (A)

2.04 ACCESSORIES

- A. Curing Materials:
 1. Absorptive Cover: AASHTO M 182, Class 2, burlap cloth made from jute or kenaf, weighing approximately 9 oz./square yard when dry.
 2. Moisture-Retaining Cover: ASTM C 171, polyethylene film or white burlap-polyethylene sheet.

DIVISION 5 - METALS

SECTION 05600 – PREFABRICATED STEEL WATER TANK

PART 1 – GENERAL

1.01 GENERAL CONDITIONS: The General Conditions and Special Provisions preceding these specifications shall govern this section of the work.

1.02 WORK INCLUDED: The Department will provide a previously used galvanized steel water tank for use on this project. The tank was previously used as a temporary tank with a 12-inch influent and effluent line and a 12-inch overflow line. The Contractor shall furnish all labor, materials, services, equipment and related items necessary to transport, retrofit and install the prefabricated steel water tank in accordance with these specifications, dimensions, sections and details shown on the plans, and the approval of the Department.

1.03 SUBMITTALS

A. Prior to commencing work, the Contractor shall submit to the Project Manger a general work plan outlining the complete details of the equipment, materials and methods to be used to retrofit the tank for the project.

B. Product Data: Submit data in the form of manufacturer's technical data, specifications and installation.

C. Tank Erector Qualification: Submit for Engineer's and Scafco's review and approval.

1.04 EXISTING TANK

The Department will supply a 104,600 gallon tank manufactured by Scafco Corporation, model 3604LSTP-40. The Contractor will be responsible for transporting the tank from the Department's Office in Waimea to the project site. In addition to retrofitting the tank for the required pipe sizes, at a minimum, the Contractor shall replace the tank liner, rib clips, nuts, bolts and washers. An inventory of the tank parts is appended at the end of this section.

1.05 QUALIFICATIONS OF TANK ERECTOR

Tank Erector shall have erected, at least, 5 storage tanks of similar design and size in the State of Hawaii. A copy of the manufacturer's installation instructions is appended at the end of this section.

PART 2 – PRODUCTS

2.01 TANK MATERIALS

If the original materials are damaged, the Contractor shall provide replacement materials meeting the following requirements:

A. Wall Staves - All wall sheets to 17 Ga. conform to ASTM A-446, C, Fy = 50,000 P.S.I G-115 galvanized or better. All wall sheets 16 Ga. or thicker conform to ASTM A653 SQ,

Grade 57 commercial quality. Sheets standard corrugation 2-2/3" x 1/2". Sheets have 42-2/3" x 112-1/2" typical coverage.

- B. Bolting Hardware - All bolts are grade 8.2 meeting or exceeding Leland JS1000. Bolts have mechanical zinc plating .0006" thick. Vertical seams are bolted at 1-1/3" on center. Horizontal seams are bolted at 9-3/8" on center.
- C. Vinyl Liner - Tank liner construction of 40 mil white NSF 61 PVC liner side and bottom. Tank liner shall be protected from tank steel body and tank floor with geotextile material.
- D. Tank Roof - Tank roof sheets shall be triangular sections of galvanized steel with raised ribs along each side, flat area between ribs, and a 90 degree formed deep edge at the eave. Panels are manufactured from G-90 galvanized steel conforming to ASTM A 446, Grade C, or better. Tank roof shall be self supporting and shall have a 15 degree pitch. Tank roof shall include an entry hatch, an apex vent/access manway, gooseneck vent and safety steps of cold formed steel angle.

PART 3 - EXECUTION

3.01 TANK ERECTION

- A. Tank shall be erected on a foundation and pad per the manufacturer's recommended foundation design for soil with a bearing capacity of 2,000 psf.
- B. Tank shall be erected by an experienced tank erector using a tank jacking system to prevent damage to the liner.
- C. Tank penetrations shall be through the tank floor using fittings per the manufacturer's recommended design.

END OF SECTION

January 25, 2018

DHHL Honokai'a Non-Potable Water System

SCAFCO Water Tank Model 3604LSTP-40 (Now called CorGal)

Tank DIA = 36'-0"

Field Inspection at DHHL Headquarters in Waimea – Photos Below

Overall the tank is in decent condition. Suggest that we have alternate pricing for the replacement of the liner, incase it is not usable



Container holding Tank Components



Roof Panels est 35 each



Seismic Anchors est 25 each



Seismic Anchors Label



Tank Side Panels est 45 each



Tank Side Panels est 45 each



Tank Roof Cap



Tank Roof Cap Clamp



Tank Roof Ladder



Tank Roof Ladder



Tank Miscellaneous Parts



Tank Miscellaneous Parts



Tank Center Clips est 36 each



Tank Rib Clips est 36 each – Might need to be replaced due to excessive glue and some are damaged



Tank Weather Strip Clips est 36 each



Tank Liner – Might need to be replaced

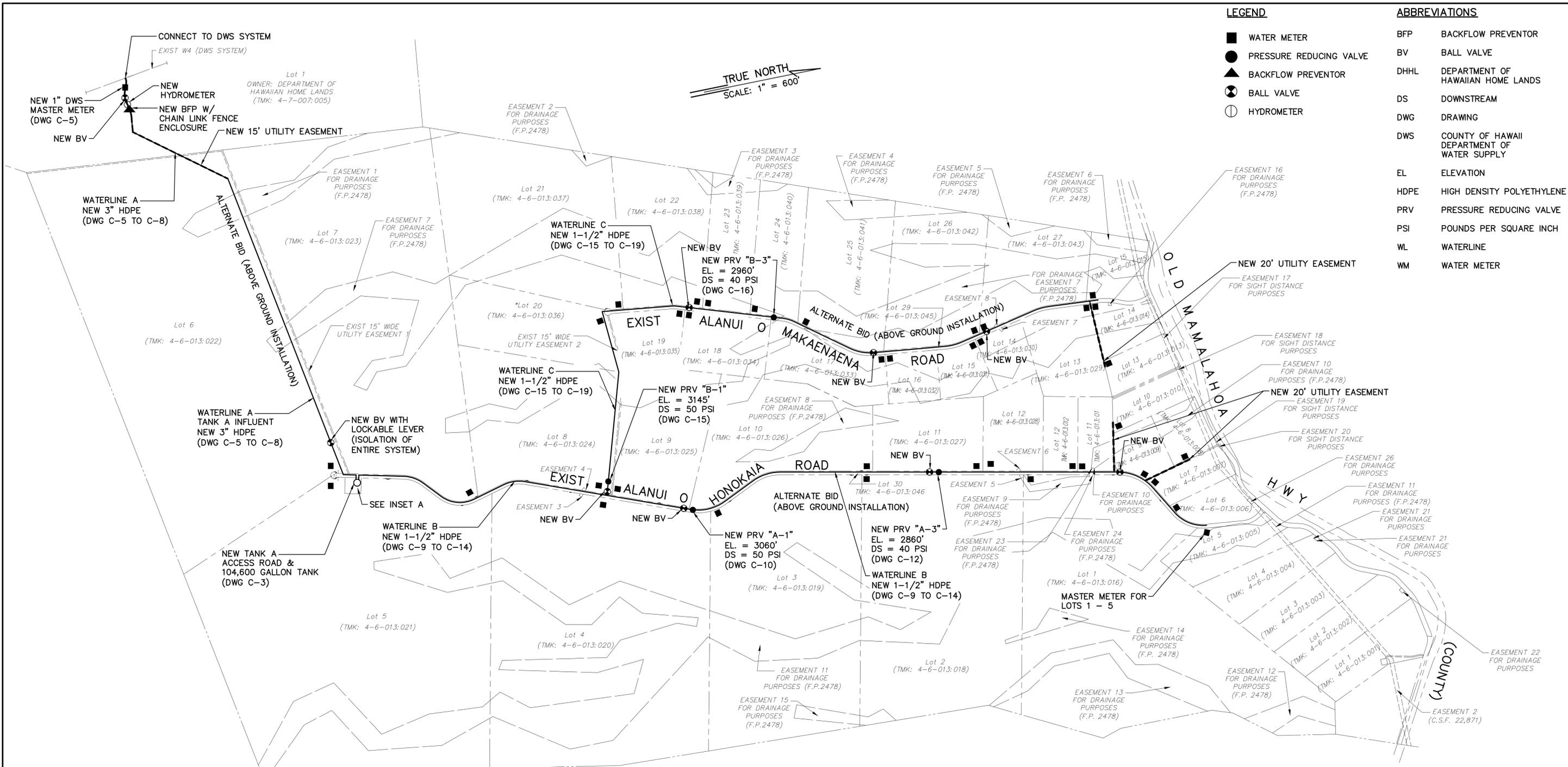


Tank Bolts – may need to be replaced?/ washers have a rubber gasket that maynot be 'good' Total of 5 buckets



Tank Bolts – may need to be replaced?/ washers have a rubber gasket that maynot be 'good'

G:\dhh11401 honokaia non-pot\300
 DSGN\310 plans\Alt
 Install\DHHL1401-General Layout_180315.dwg
 Last Save by: LRS
 Last Saved: 12/8/2018
 Plotted on: 12/8/2018



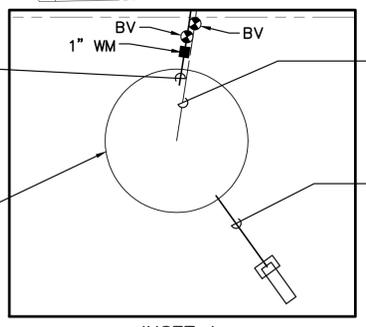
LEGEND

- WATER METER
- PRESSURE REDUCING VALVE
- ▲ BACKFLOW PREVENTOR
- ⊗ BALL VALVE
- ⊕ HYDROMETER

ABBREVIATIONS

- BFP BACKFLOW PREVENTOR
- BV BALL VALVE
- DHHL DEPARTMENT OF HAWAIIAN HOME LANDS
- DS DOWNSTREAM
- DWG DRAWING
- DWS COUNTY OF HAWAII DEPARTMENT OF WATER SUPPLY
- EL ELEVATION
- HDPE HIGH DENSITY POLYETHYLENE
- PRV PRESSURE REDUCING VALVE
- PSI POUNDS PER SQUARE INCH
- WL WATERLINE
- WM WATER METER

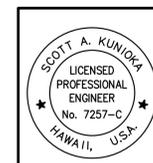
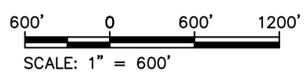
TRUE NORTH
 SCALE: 1" = 600'



INSET A
 SCALE: NTS

NOTES:

1. WATER SYSTEM DRAWN SCHEMATICALLY FOR CLARITY
2. ABOVE GROUND WATERLINES SHALL BE BURIED AT DRIVEWAYS, PRVS AND AT A MINIMUM OF 20 FEET EVERY 200 FEET.
3. WHERE THE WATERLINE IS PLACED ABOVE GROUND, NOT ALONG THE FENCELINE, 2' MINIMUM DIAMETER BOULDERS SHALL BE PLACED EVERY 200 FEET ALONG THE WATERLINE ALIGNMENT.
4. FOR ABOVE GROUND INSTALLATION, WATERLINES SHALL BE BURIED FOR 20 FEET AT THE TOP OF SLOPES PRIOR TO ENTERING ANY STEEP DOWN HILL SECTIONS AND AT THE TOP OF SLOPES AFTER LEAVING A STEEP UPHILL SECTION.



LICENSE EXPIRES 4/30/20
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

REVISION DATE	REVISION NOTE	A&A	APPROVED
12/11/18	REVISED NOTE		

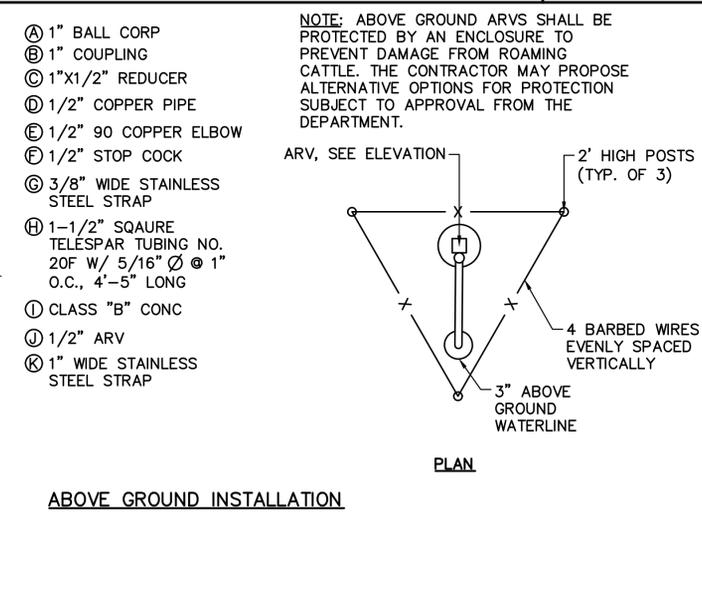
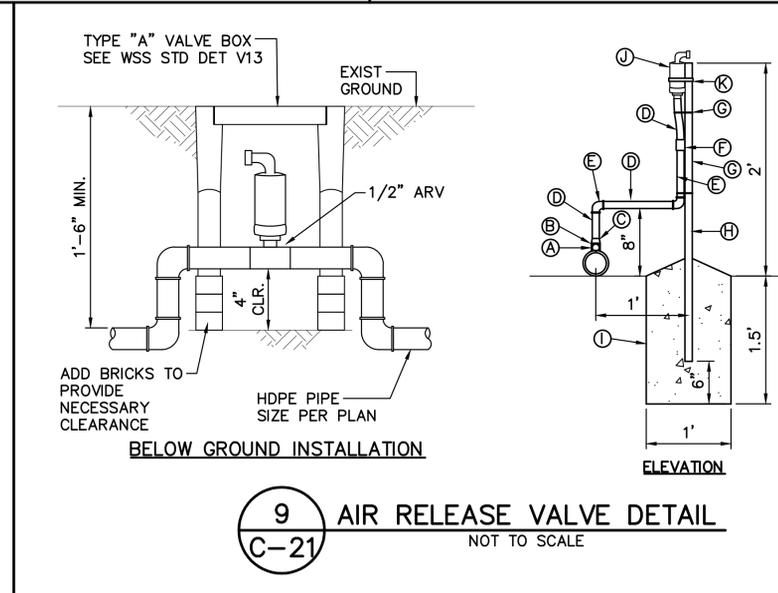
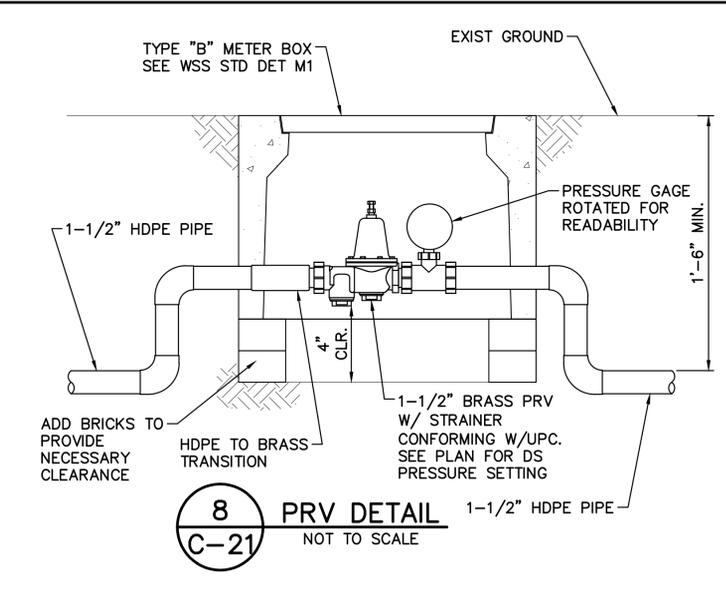
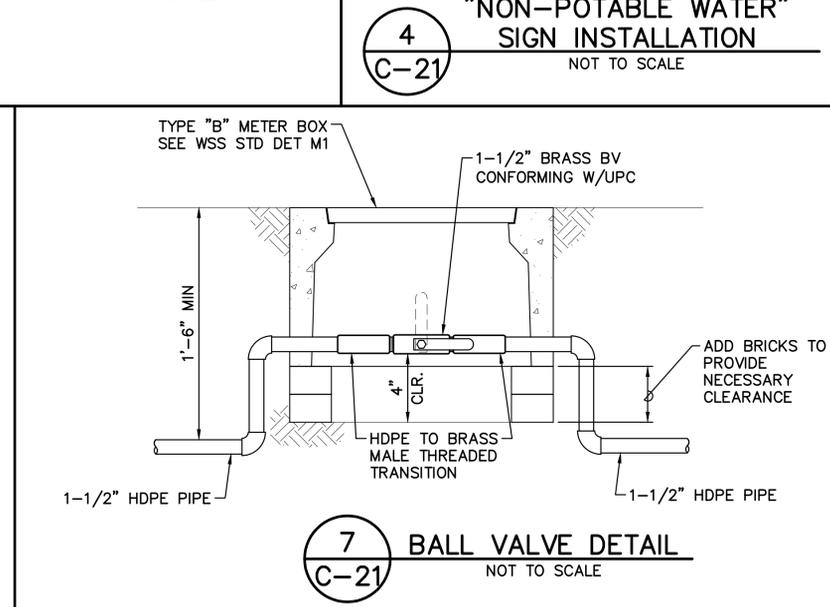
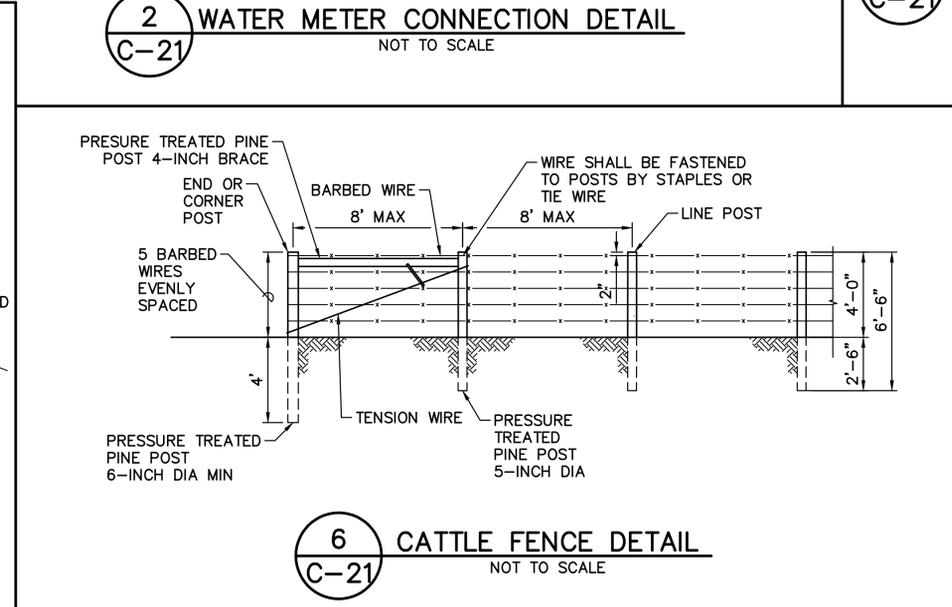
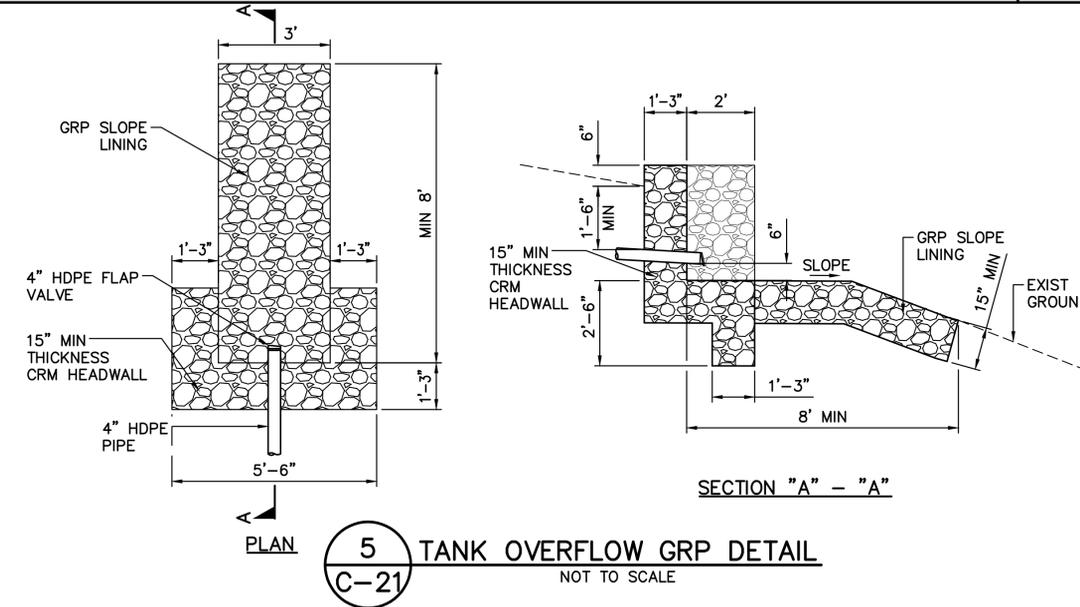
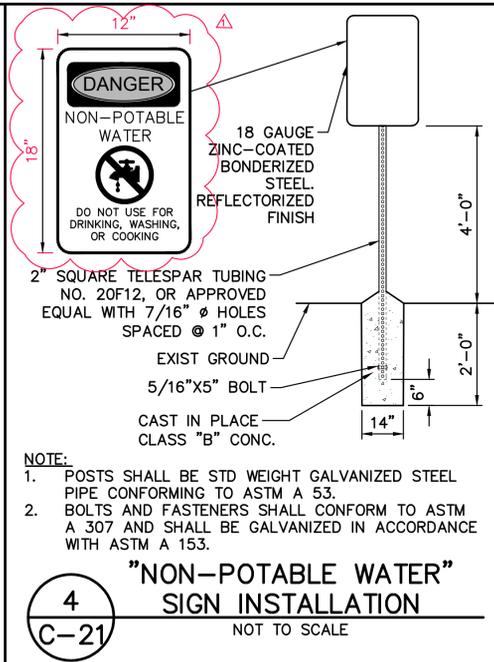
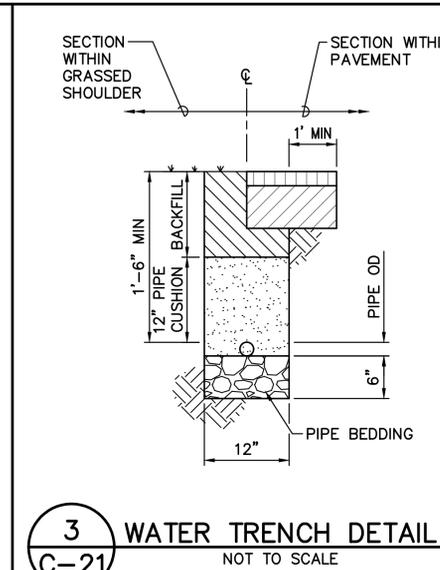
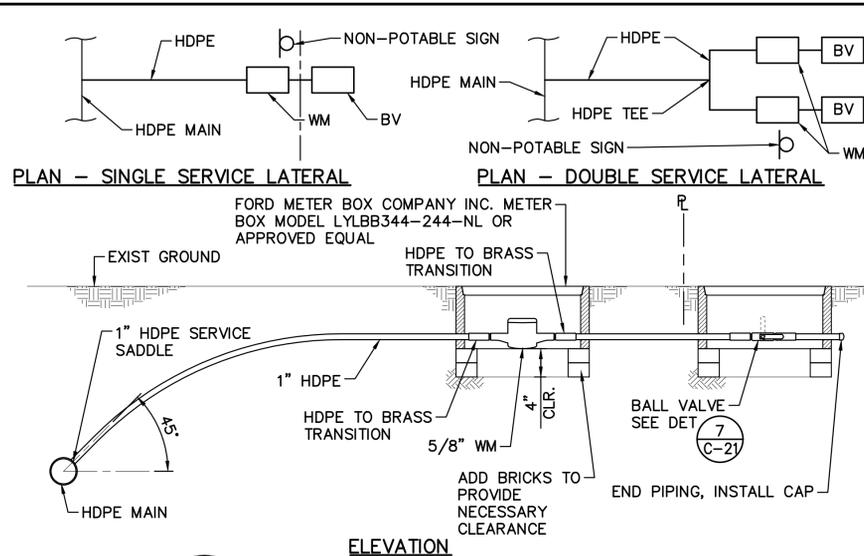
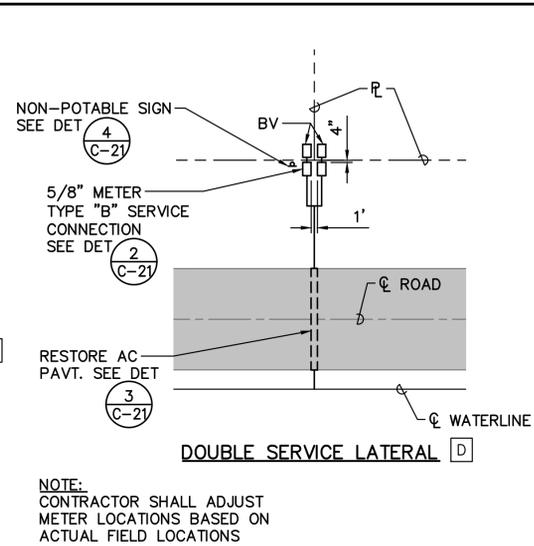
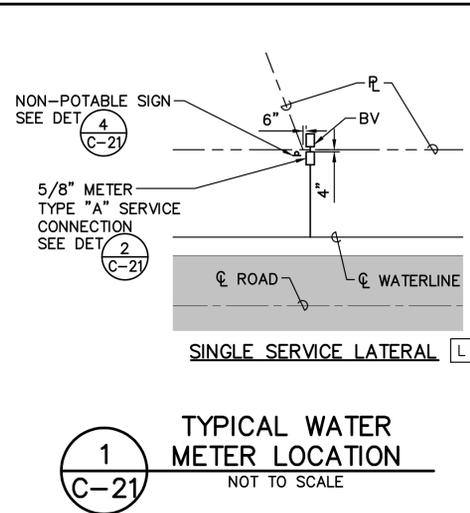
DEPARTMENT OF HAWAIIAN HOME LANDS
HONOKAIA NON-POTABLE WATER SYSTEM
 TAX MAP KEY: (3) 4-6-013:002-046
 HONOKAIA, HONOKAA, ISLAND OF HAWAII

SCHEMATIC GENERAL LAYOUT PLAN

Approved: _____

AKINAKA & ASSOCIATES, LTD.
 CONSULTING ENGINEERS

FILE	POCKET	FOLDER	NO.
------	--------	--------	-----



NOTE: ABOVE GROUND ARVS SHALL BE PROTECTED BY AN ENCLOSURE TO PREVENT DAMAGE FROM ROAMING CATTLE. THE CONTRACTOR MAY PROPOSE ALTERNATIVE OPTIONS FOR PROTECTION SUBJECT TO APPROVAL FROM THE DEPARTMENT.

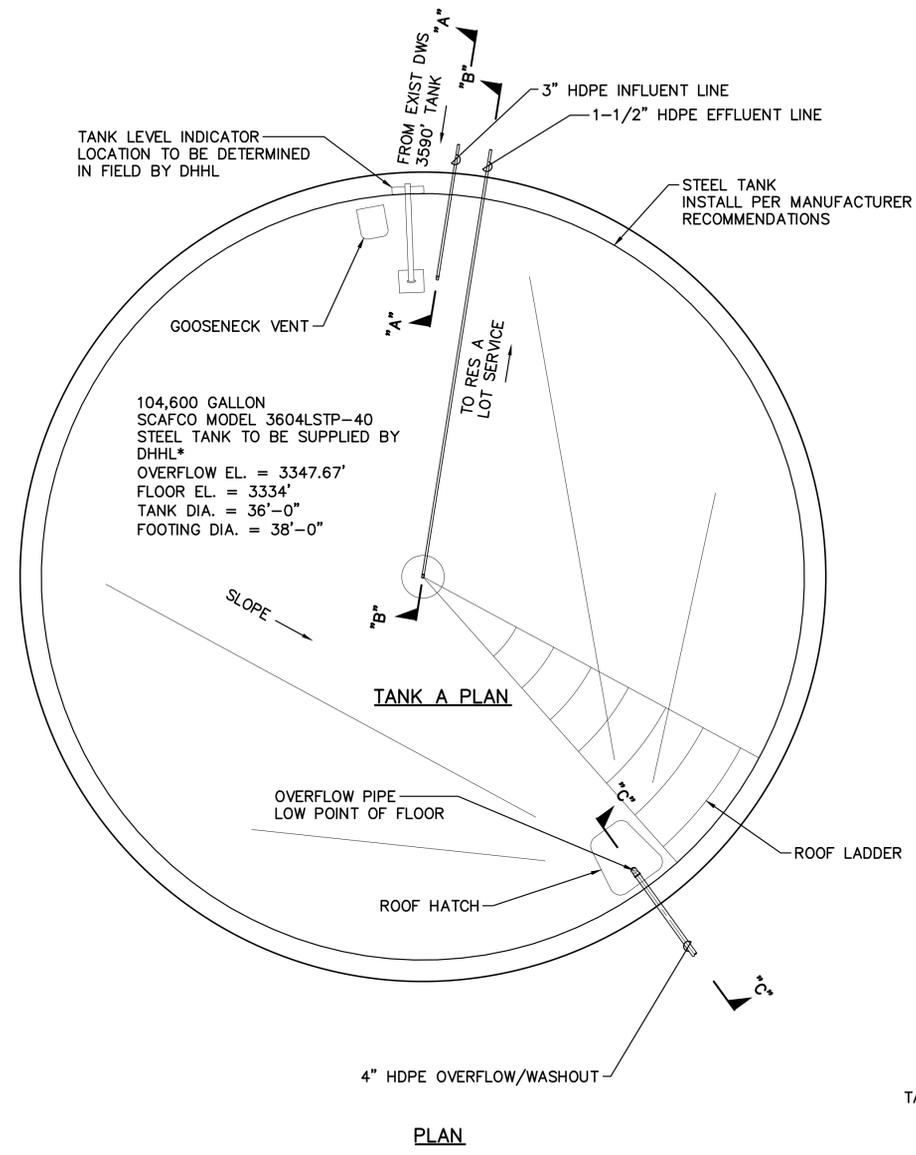
- (A) 1" BALL CORP
- (B) 1" COUPLING
- (C) 1"x1/2" REDUCER
- (D) 1/2" COPPER PIPE
- (E) 1/2" 90 COPPER ELBOW
- (F) 1/2" STOP COCK
- (G) 3/8" WIDE STAINLESS STEEL STRAP
- (H) 1-1/2" SQUARE TELESPAR TUBING NO. 20F W/ 5/16" Ø @ 1" O.C., 4'-5" LONG
- (I) CLASS "B" CONC
- (J) 1/2" ARV
- (K) 1" WIDE STAINLESS STEEL STRAP

APPROVED: _____

AKINAKA & ASSOCIATES, LTD.
CONSULTING ENGINEERS

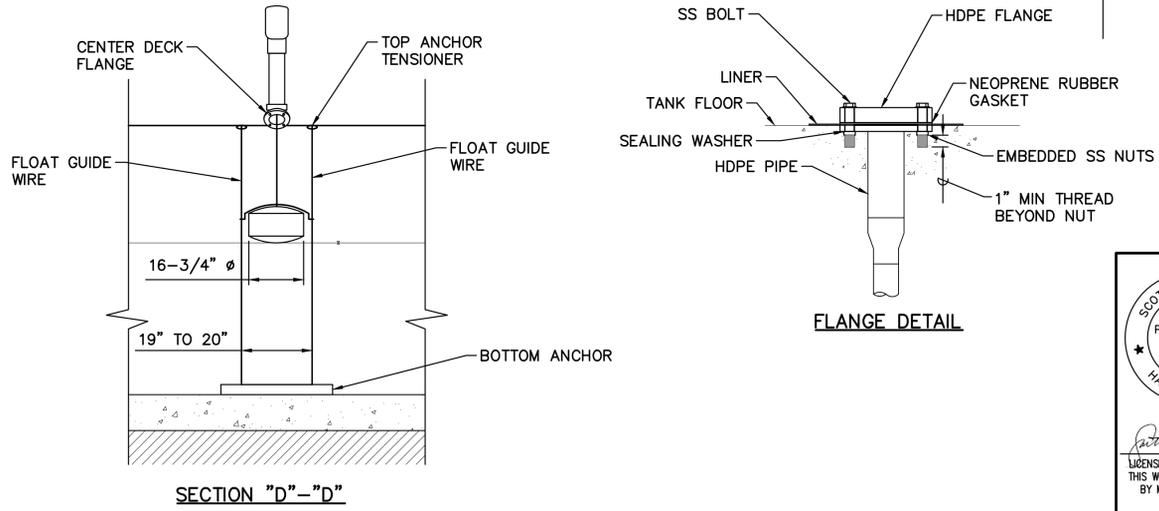
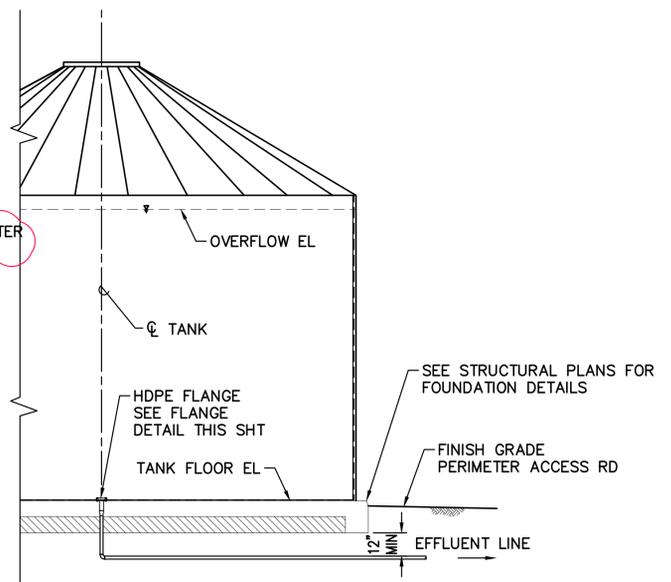
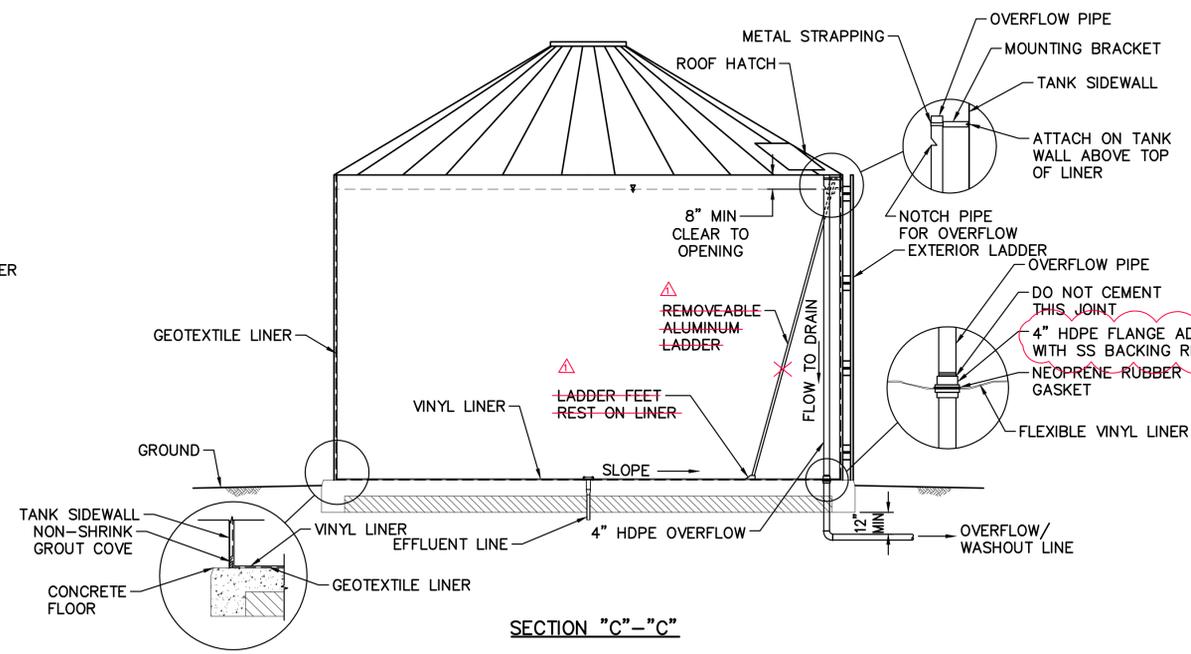
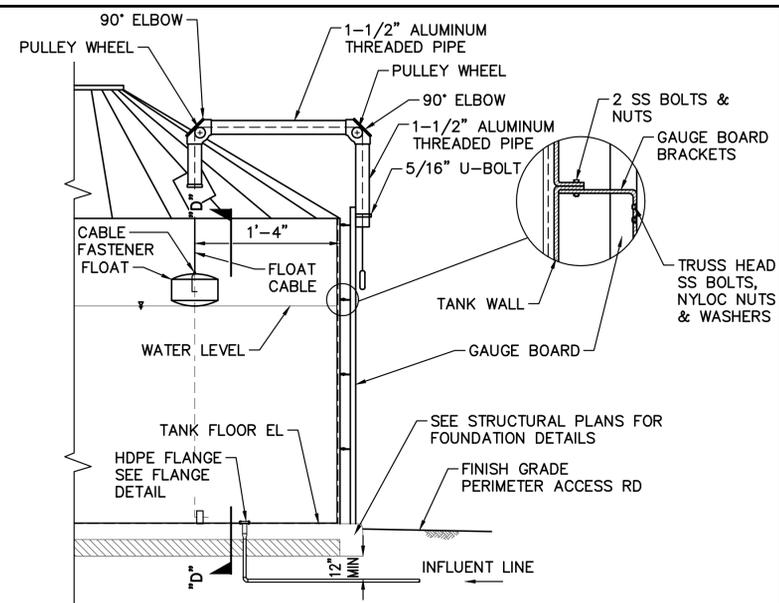
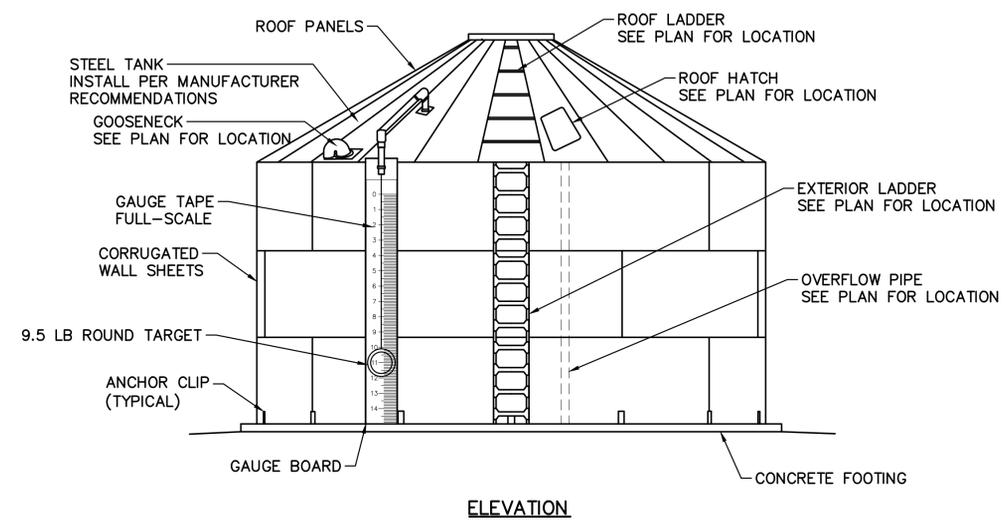
Last Save by: LRS
Last Saved: 12/8/2018
Plotted on: 12/8/2018
G:\dhh11401 honokaia non-pot\300 DSGN\310 plans\DHHL1401-Details.dwg

Last Save by: LRS
 Last Saved: 12/10/2018
 Plotted on: 12/10/2018
 G:\dhh11401 honokaia non-pot\300 DSGN\310 plans\DHHL1401-Details 3.dwg



*NOTE: TANK TO BE REUSED FROM A PREVIOUS PROJECT THAT WAS OUTFITTED WITH 12" INFLUENT/EFFLUENT PIPE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE APPROPRIATE FITTINGS AND APPURTENANCES TO MEET THE TANK REQUIREMENTS AS SHOWN ON THE PLANS.

1 TANK DETAILS
 C-23 NOT TO SCALE



SCOTT A. KUNIOKA
 LICENSED PROFESSIONAL ENGINEER
 No. 7257-C
 HAWAII, U.S.A.

REVISION DATE	DESCRIPTION	MADE BY	APPROVED
12/11/18	REMOVE INTERIOR LADDER, UPDATED CALLOUT	A&A	

DEPARTMENT OF HAWAIIAN HOME LANDS
HONOKAIA NON-POTABLE WATER SYSTEM
 TAX MAP KEY: (3) 4-6-013:002-046
 HONOKAIA, HONOKAA, ISLAND OF HAWAII

DETAILS

Approved: _____

AKINAKA & ASSOCIATES, LTD.
 CONSULTING ENGINEERS

HONOKAI'A NON-POTABLE WATER SYSTEM
IFB-19-HHL-006

Pre-bid Conference and Site Visit
8:00 a.m., Tuesday, December 4, 2018
DHHL West Hawaii District Office
64-756 Mamalahoa Highway
Meeting Minutes

Attendees

See attached sign in sheet

2. Purpose of Pre-Bid Conference

- To provide potential bidders with a project overview and job site visit.
- To review procurement requirements and allow potential bidders to ask questions and obtain clarification on the bid documents. A written summary of this pre-bid conference will be issued to all plan holders as an Addendum.
- Requests for clarifications and any questions after this meeting shall be submitted in writing and uploaded on HlePRO no later than 2:00 pm, December 7, 2018, responses to all questions received will be posted on HlePRO no later than 4:00 pm, December 11, 2018.

3. Scope of Work

Provide all labor, equipment, materials and coordination to complete the proposed Honokai'a Non-Potable Water System, located in Honokaia, Honokaa, Island of Hawaii, TMK No. (3) 4-6-013:002-046, as indicated below, and as specified in the Request for Quotes (RFQ) and related documents.

- a. Installation of the 3" HDPE Fusion Pipe and Fittings across pasture lands, anchoring the pipe by burying it, only where necessary.
- b. Installation of PRVs and ARVs as required.
- c. Installation of the 1 1/2" HDPE Fusion Pipe and Fittings along Road A and B, burying the pipe at each entrance to a property and where necessary to anchor the pipe.
- d. Installation of water meters and lockable meter boxes at each lot.
- e. Installation of the DWS Master Meter and Flow Meter on Mr. Bertelmann's property. Coordination with DWS to turn on the water when work is complete.
- f. Construction of the existing Scafco Water Storage Tank, including, but not limited to, inventory of existing components, and providing necessary new items to construct. These include the tank liner, assorted nuts and bolts, tank foundation, all piping; this is not a complete list, but a representation of some of the work. The

existing unassembled tank is located at the DHHL West Hawaii District Office, 64-756 Mamalahoa Highway, Kamuela.

- g. Contractor shall provide a site specific schedule to the Lessees 2 weeks prior to beginning work
- h. Notification to all Lessees, in writing, 2 weeks prior to beginning any work.
- i. Initial Site walk with Lessees prior to installation of any pipe on Mr. Bertelmann or Mrs. Kapunai's pastureland. Layout of pipe shall be marked by 'flags' or some other method to allow the Lessees to review and approve. Modifications will be made after the Lessees have reviewed and made comments. The Lessees will have 2 weeks to approve or modify the layout.
- j. The Contractor shall open and immediately close the gates on the Lessees properties as specifically required. These are active ranches and must be maintained as such. The upmost care shall be taken when working around animals to ensure their and your safety.
- k. The Contractor shall not unnecessarily disturb any pasture within the project. Use of the existing "roads" and trails will be closely monitored.
- l. The Contractor shall name the Lessees, Ms. Kapuniai and Mr. Bertelmann, as additional insured.
- m. Mr. Bertelmann has an aggressive bull on his property, the Contractor will be shown the animal. Extreme caution shall be made if working with an area where the animal is in near proximity.
- n. On Mr. Bertelmann's property access is narrow. The Contractor may need to install an access gate to transport materials. The gate will remain in place after construction.

4. Procurement reminders

- This project is not tax exempt. Your bid proposal must be inclusive of General Excise Tax.
- This project is subject to Chapter 104 HRS, Wages and Hours of Employees on Public Works Projects.
- Chapter 104 requires the following:
 - Payment of prevailing wages to all laborers and mechanics on this project (Wage Rate Schedule Bulletin No. 493 is included in the attachment on HlePRO).
 - Payment of overtime for any hours worked over 8 hours in any day and all hours worked on Saturday, Sunday or State Holidays (State Holidays for 2017-2018 is included in the attachment on HlePRO).
 - All laborers and mechanics must be paid weekly
 - Contractor and subcontractors are to turn in Certified Payroll weekly

- After offer is due and prior to award of the contract, the Department 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 are encouraged to 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 on HCE within ten business days of notification will be considered as sufficient for the disqualification of the bidder and rejection of its proposal.
5. **Completion Schedule**
- Time to complete: Three hundred (300) Calendar Days after the Notice to Proceed is issued.
6. **Questions/Answers issued by Addenda**
- All questions shall be asked via HlePRO in writing by 2:00 pm, December 7, 2018
 - The answers to those questions will be answered via HlePRO by 4:00 pm, December 11, 2018
7. **Deadlines**
- See attached Submittals and Deadlines Table.
8. **Questions and Answers**
See Addendum No. 1 for questions and answers.

**HONOKAIA NON-POTABLE WATER SYSTEM
HONOKAA, ISLAND OF HAWAII
IFB NO.: IFB-19-HHL-006**

Submittals and Deadlines Table

SUBMITTAL	DEADLINE
Questions due on HlePRO	2:00 pm, December 7, 2018
Responses to questions released	4:00 pm, December 11, 2018
Final Addendum if needed	4:00 pm, December 11, 2018
Bid Opening <ul style="list-style-type: none">• Bid offer form shall be uploaded on HlePRO.	2:00 pm, December 19, 2018
Award of contract will be made to the lowest responsible and responsive "Total Sum Bid", approximately two weeks following bid opening and after certification of the bid tabulation.	

Honokai'a Non Potable Water

<u>NAME</u>	<u>AGENCY</u>	<u>PHONE</u>	<u>E-MAIL</u>
Jeffrey Fujimoto	DHHL	808-295-5843	jeffrey.y.fujimoto@hawaii.gov
MIKE HODSON	WINCDC	640-3453	h281dad@aol
Glenn Bertelmann	DHHL-Lessee	960-5968	bertelgb@hawaii.rr.com
ERIC Howesken	ITC Water	960-6089	Erich@ItcWater.com
SCOT YOSHIMURA	ISBMO	329-8051	SCOT@PECKONA.COM
LIZ Olson	Jas w Glover Ltd	935-0871	jaswgllover@hiloPaolo
Kawika Brown	M+M Tanks	306-243	Kawika@mmtanks.com Kawika@mmtanks
LAUREN DOO	AKINAKA ASSOCIATES	836-1900	lrd@AKINAKA.COM
Scott Kunioka	AKINAKA & ASSOC.	w	sak@akinaka.com
Karen Gast	SSFM	264-8889	kgast@ssfm.com
Taylor Kipumai	Tanaka W.	995-7116	TANAKAW@GMAIL.COM
SIM DUPONT	DHHL	887-6053	
M Kipumai	Lessee	946-0157	James.w.dupont@hawaii.gov