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## Department of Hawaiian Home Lands - Land Development Division

### SIGN-IN SHEET

<b>IFB-18 -HHL-003</b>	This project consists of furnishing all labor, equipment, cleaning supplies, materials and supervision to satisfactorily maintain the Waihehu Kou, Phase 3 Sewer Pump Station.
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#### INSTRUCTIONS

Read this packet carefully. If you have any questions, please call Jeffrey Fujimoto, LDD Project Manager, at 808-620-9274 or email to [richard.a.speer@hawaii.gov](mailto:richard.a.speer@hawaii.gov)

Note: Please fax this sheet to 620-9299, mail or email to [kehaulani.a.quartero@hawaii.gov](mailto:kehaulani.a.quartero@hawaii.gov) after downloading this document from the Department of Hawaiian Home Lands website.

<b>Pre-Bid Conference/Site Inspection:</b>	Date: August 24, 2017 Time: 1:00 pm Location: 135 Kaulana Na Pua Circle, Wailuku TMK: 3-2-024:091
<b>Notice of Intention to Bid must be received by:</b>	Date: August 29, 2017 Time: 2:00 pm Location: 91-5420 Kapolei Parkway, Kapolei, HI 96707 Submittal of a Notice of Intention to Bid via facsimile at (808)620-9299 or email to <a href="mailto:kehaulani.a.quartero@hawaii.gov">kehaulani.a.quartero@hawaii.gov</a> is acceptable.
<b>Bid Offer Form due:</b>	Date: September 8, 2017 Time: 2:00 pm Location: 91-5420 Kapolei Parkway, Kapolei, HI 96707
<b>Bid Opening:</b>	Date: September 8, 2017 Time: 2:00 pm Location: Hale Kalaniana'ole 91-5420 Kapolei Parkway Kapolei, HI 96707
Date: _____	
<b>Company:</b>	_____
<b>Address:</b>	_____ _____ _____
<b>Phone No.</b>	<b>Cell No.</b>
_____	_____
<b>Fax No.</b>	_____
<b>Email Address:</b>	_____
<b>Contact Person:</b>	_____

\_\_\_\_\_  
*Signature of Person Downloading Packet (Print Name & Title after signature)*



**NOTICE TO BIDDERS  
INVITATION FOR BID  
Department of Hawaiian Home Lands  
Land Development Division  
IFB NO.: IFB-18-HHL-003**

SEALED BIDS for IFB No.: IFB-18-HHL-003, OPERATION & MAINTENANCE OF THE SEWER PUMP STATON, WAIEHU KOU, County of Maui, State of Hawaii, will be received by the Department of Hawaiian Home Lands (DHHL), at Hale Kalaniana'ole, 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707, until **2:00 p.m., Hawaii Standard Time (H.S.T.) September 8, 2017**, at which time all bids will be publicly opened and read aloud. Bids received after the time fixed for opening or delivered anywhere other than as specified above will not be considered.

The Selected Contractor shall furnish all labor, equipment, cleaning supplies, materials and supervision to satisfactorily operate and maintain the Waiehu Kou, Phase 3 Sewer Pump Station.

To be eligible to submit a bid, the Bidder and/or his subcontractors shall possess all required valid State of Hawaii licenses and specialty licenses needed to perform the work for this project.

This project is subject to Section 103-55, Hawaii Revised Statutes, and to the payment of not less than the wages paid to public officers and employees for similar work.

Bid documents may be examined at or obtained from DHHL at the Department of Hawaiian Home Lands website:

<http://www.dhhl.hawaii.gov/procurement/>

There is no fee assessment to download the IFB documents from the DHHL website.

**It is the responsibility of Interested Bidders to check the DHHL website for any addenda issued by DHHL.**

All prospective bidders/offerors are invited to attend a PRE-BID CONFERENCE to be held **1:00 pm, H.S.T, on August 24, 2017, at 135 Kaulana Na Pua Circle, Wailuku, Maui; TMK: 3-2-024:091**. Subcontractors and union representatives are also invited to attend. The conference is to provide bidders/offerors with an opportunity to ask questions about the contractual requirements and technical aspects of the project. A site visit of the project site will follow the pre-bid conference. Attendance of the pre-bid conference and/or site visit is not a condition for submitting a bid, but strongly recommended. Persons needing special accommodations due to a disability may submit such requests to Richard Speer, Land Development Division, via facsimile at (808) 620-9299, or e-mail to richard.a.speer@hawaii.gov.

A written NOTICE OF INTENTION TO BID is required and shall be received by the DHHL, Land Development Division, at 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707, no later than **2:00 pm, H.S.T, August 29, 2017**. Submittal of a NOTICE OF INTENTION TO BID via facsimile at (808) 620-9299, or e-mail to Richard.a.speer@hawaii.gov is acceptable.



Bids shall comply with the requirements of the IFB. Bids that do not comply with the IFB may be subject to disqualification. DHHL reserves the right to amend the IFB by written addenda, to reject any and all bids, or to waive any defects in said bids where DHHL deems it is in the best interest of the State.

**CAMPAIGN CONTRIBUTIONS BY STATE AND COUNTY CONTRACTORS PROHIBITED.** If awarded a contract in response to this solicitation, offeror agrees to comply with HRS §11-355, which states that campaign contributions are prohibited from a State and county government contractor during the term of the contract if the contractor is paid with funds appropriated by the legislative body between the execution of the contract through the completion of the contract.

Questions regarding this project may be directed in writing to Richard Speer, Land Development Division, DHHL, 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707, via facsimile at (808) 620-9299, or e-mail to [richard.a.speer@hawaii.gov](mailto:richard.a.speer@hawaii.gov).

Dated at Honolulu, Hawaii, this 21st day of August 2017.

DEPARTMENT OF HAWAIIAN HOME LANDS

  
\_\_\_\_\_  
Jobie M. K. Masagatani, Chairman  
Hawaiian Homes Commission

Posted on the internet at: <http://spo3.hawaii.gov/notices/notices>



DEPARTMENT OF HUMAN RESOURCES  
CITY AND COUNTY OF HONOLULU

Class Specification

100117  
100118  
100120  
100121

**WASTEWATER TREATMENT PLANT OPERATOR**  
**GRADES I, II, III, IV**  
**BC 10, 11, 12& 13; BU 01**

Duties Summary:

Independently operates and maintains a Class I, II, III or IV wastewater treatment plant and lower classed plants, as well as tributary pumping plants; participates in the major overhaul, repair, and installation of treatment and pumping plant equipment; and performs other related duties as required.

Distinguishing Characteristics:

These classes differ from that of Assistant Wastewater Treatment Plant Operator in that the Wastewater Treatment Plant Operator I, II, III and IV independently stand watch and operate and maintain various equipment and facilities at a wastewater treatment plant; whereas the Assistant Wastewater Plant Operator assists and/or participates in, and receives supplemental training relating to, the operation and maintenance of various equipment and facilities at a wastewater treatment plant.

These classes differ from those of Wastewater Treatment Plant Supervisor I, II, III and IV in that the Wastewater Treatment Plant Operator I, II, III and IV independently operate and maintain wastewater treatment plant equipment and facilities; whereas the Wastewater Treatment Plant Supervisor I, II, III and IV supervise, and have immediate charge of and twenty-four hour responsibility for, all operational and maintenance activities at a wastewater treatment plant.

Grade Level Standards:

Grade I: This level is characterized by its primary responsibility for operating and being in direct responsible charge of a Class I wastewater treatment plant, as rated by the State Board of Certification of Operating Personnel in Wastewater Treatment Facilities.

Grade II: This level is characterized by its primary responsibility for operating and being in direct responsible charge of a Class II wastewater treatment plant, as rated by the State Board of Certification of Operating Personnel in Wastewater Treatment Facilities.

Grade III: This level is characterized by its primary responsibility for operating and being in direct responsible charge of a Class III wastewater treatment plant, as rated by the State Board of Certification of Operating Personnel in Wastewater Treatment Facilities.

Grade IV: this level is characterized by its primary responsibility for operating and being in direct responsible charge of maintaining a Class IV wastewater treatment plant, as rated by the State Board of Certification of Operating Personnel in Wastewater Treatment Facilities.



### Illustrative Examples of Work:

Operates and maintains wastewater treatment and tributary pumping plants to assure the safe, effective, efficient, and economical use of processes and equipment, and to comply with pertinent City, State and Federal regulations; operates various equipment to regulate the flow of wastewater, air and sludge between the unit processes of the plant, reads and records readings from meters, gauges and other recording devices and interprets data to maintain or improve plant operations; inspects plant and mechanical equipment for malfunctions, irregularities and needed repairs; lubricates, changes oil, and makes running repairs and adjustments to machinery and equipment; participates in the installation, overhaul and major repair of treatment and pumping plant equipment; drains and cleans settling tanks, clarifiers, chlorinating chambers, digesters and aeration tanks; maintains sludge digestion systems, dewatering equipment, drying beds and pulverizers; collects samples of raw, partially treated, and treated wastewater and sludge and performs chemical and physical analyses thereof, including settleable solids, settleability, ph, chlorine residual, dissolved oxygen and suspended solids; interprets laboratory results and makes appropriate process adjustments; maintains test result records, data sheets and reports; paints equipment, buildings and structures; keep station logs and prepares operational reports; may be assigned to work in other plants for training and development purposes and to qualify for higher level certification; may be assigned to machine shop or other duties as necessary; attends employee safety and training sessions; operates a motor vehicle to transport personnel and equipment.

### Minimum Qualification Requirements for the Class:

Training and Experience: Graduation from high school or equivalent satisfactory to the State Board of Certification of Operating Personnel in Wastewater Plants; experience and/or training of sufficient scope and quality to competently perform the journey level skills and duties of the applicable position.

License Requirement: Possession of the applicable Hawaii Mandatory Wastewater Treatment Plant Operator Certificate; possession of a valid Hawaii State driver's license (Type 3 or modified 4) or appropriate commercial driver's license with proper endorsements, as applicable; and a current State Department of Transportation medical examination certificate, as required.

Knowledge of: practices and procedures used in the operation and maintenance of wastewater treatment and pumping plant equipment; the various types of wastewaters and associated problems and processes; sampling methods and the physical and chemical tests used in treatment plant control; servicing requirements of moving machinery; hazards and safety practices involved in working around high voltage equipment and moving machinery; process quality control requirements and remedial measures in dealing with process malfunctions and emergencies; arithmetic; uses of basic mechanic hand and power tools.

Ability to: operate and maintain electrical pumping units and auxiliary equipment; read and interpret meters and gauges, record readings and maintain operating records; perform the required laboratory tests and analyzes results; make arithmetical computations; use common hand and power tools; act quickly and effectively in emergencies; work with dexterity and safety; understand and follow oral and written instructions; work harmoniously with others; handle weights and loads.



Physical Requirement:

Persons seeking appointment to positions in this class must meet the health and physical condition standards deemed necessary and proper for performance of the duties.

Special Working Conditions: exposure to hazardous, filthy and/or obnoxious conditions; may also be subject to shift, weekend and holiday work as required.

#####

This is an amendment to the specification approved for the classes, **WASTEWATER TREATMENT PLANT OPERATOR I, II, III AND IV**, approved on September 24, 1981 and effective May 1, 1982.

APPROVED: March 8, 2006

KEN Y. NAKAMATSU

Director of Human Resources



## Years 2017 and 2018

[www.dhrd.hawaii.gov](http://www.dhrd.hawaii.gov)

## Holidays to be observed by the HAWAII STATE GOVERNMENT

Website where State Holiday Schedule posted

### Year 2017 HAWAII STATE HOLIDAYS

<u>(Hawaii Rev. Statutes, Sec. 8-1)</u>	<u>Day Observed in 2017</u>	<u>Official Date Designated in Statute/Constitution</u>
New Year's Day.....	Jan. 2 Monday .....	The first day in January
Dr. Martin Luther King, Jr. Day.....	Jan. 16 Monday.....	The third Monday in January
Presidents' Day.....	Feb. 20 Monday.....	The third Monday in February
Prince Jonah Kuhio Kalaniana'ole Day.....	Mar. 27 Monday .....	The twenty-sixth day in March
Good Friday.....	April 14 Friday.....	The Friday preceding Easter Sunday
Memorial Day.....	May 29 Monday.....	The last Monday in May
King Kamehameha I Day.....	June 12 Monday.....	The eleventh day in June
Independence Day.....	July 4 Tuesday.....	The fourth day in July
Statehood Day.....	Aug. 18 Friday.....	The third Friday in August
Labor Day.....	Sept. 4 Monday.....	The first Monday in September
Veterans' Day.....	Nov. 10 Friday.....	The eleventh day in November
Thanksgiving.....	Nov. 23 Thursday.....	The fourth Thursday in November
Christmas.....	Dec. 25 Monday.....	The twenty-fifth day in December

### Year 2018 HAWAII STATE HOLIDAYS

<u>(Hawaii Rev. Statutes, Sec. 8-1)</u>	<u>Day Observed in 2018</u>	<u>Official Date Designated in Statute/Constitution</u>
New Year's Day.....	Jan. 1 Monday.....	The first day in January
Dr. Martin Luther King, Jr. Day.....	Jan. 15 Monday.....	The third Monday in January
Presidents' Day.....	Feb. 19 Monday.....	The third Monday in February
Prince Jonah Kuhio Kalaniana'ole Day.....	Mar. 26 Monday.....	The twenty-sixth day in March
Good Friday.....	Mar. 30 Friday.....	The Friday preceding Easter Sunday
Memorial Day.....	May 28 Monday.....	The last Monday in May
King Kamehameha I Day.....	June 11 Monday.....	The eleventh day in June
Independence Day.....	July 4 Wednesday.....	The fourth day in July
Statehood Day.....	Aug. 17 Friday.....	The third Friday in August
Labor Day.....	Sept. 3 Monday.....	The first Monday in September
General Election Day.....	Nov. 6 Tuesday.....	The first Tuesday in Nov. following the first Monday of even-numbered years. <i>(Hawaii State Constitution, Article 2 – Section 8)</i>
Veterans' Day.....	Nov. 12 Monday.....	The eleventh day in November
Thanksgiving.....	Nov. 22 Thursday.....	The fourth Thursday in November
Christmas.....	Dec. 25 Tuesday.....	The twenty-fifth day in December

**FOOTNOTES:** For use solely by State government agencies. Federal government and local banking holidays may differ. For State agencies that operate on other than Monday-Friday 7:45 AM to 4:30 PM schedules, also refer to appropriate collective bargaining agreements. Created by the Department of Human Resources Development 9/21/2016; subject to change.



# **Instructions for Bid Submittal**

## **General Instructions for Bid Submittal**

*The bid offer form must be completed and submitted to the DHHL by the required due date and time, and in the form prescribed by the DHHL. Electronic mail and facsimile transmissions shall not be accepted.*

*For your convenience, an “IFB Checklist for Bidders” is included in this section for your use.*

*No supplemental literature, brochures or other unsolicited information should be included in the bid packet.*

*A written response is required for each item unless indicated otherwise.*

*Bid documents and all certifications should be written legibly or typed and completed with black ink.*

## **I. PROPOSAL REQUIREMENTS AND CONDITIONS**

### **A. QUALIFICATION OF BIDDERS.**

Prospective Bidders must be capable of performing the work for which bids are invited, and must be capable of entering into a public contract of \$25,000 (twenty-five thousand dollars) or more.

### **B. NOTICE OF INTENTION TO BID**

1. In accordance with Section 103D-310, Hawaii Revised Statutes, and Section 3-122-108, Hawaii Administrative Rules, a written notice of intention to bid must be submitted to the Chairman, who is the officer charged with letting the contract. The notice may be faxed, hand carried, mailed, or e-mailed to the office indicated in the Notice to Bidders.
2. The written notice must be received by the office indicated in the Notice to Bidders no later than 2:00 p.m. on the 10th calendar day prior to the day designated for opening bids. If the 10th calendar day prior to the day designated for opening bids is a Saturday, Sunday, or legal State holiday, then the written notice must be received by the Department no later than 2:00 p.m. on the last working day immediately prior to said Saturday, Sunday, or legal State holiday. The written notice will be time stamped when received by said office. The time designated by the time stamping device in said office shall be official. If the written notice is hand carried, then the bearer is responsible to ensure that the notice is time stamped by said office. If the notice is faxed, the time of receipt by the Department fax machine shall be official. If the notice is sent by email, the time indicated in the date and time field of the email as received by the Department shall be official.



3. It is the responsibility of the prospective Bidder to ensure that the written notice of intention to bid is received in time and the Department assumes no responsibility for failure of timely delivery caused by the prospective Bidder or by any method of conveyance chosen by the prospective Bidder.
4. If two (2) or more prospective Bidders desire to bid jointly as a joint venture on a single project, they must file an affidavit of joint venture with their notice of intention to bid. Such affidavit of joint venture will be valid only for the specific project for which it is filed. No further license is required when all parties to the joint venture possess current and appropriate contractor's licenses. Joint ventures are required to be licensed in accordance with Chapter 444 of the Hawaii Revised Statutes, as amended, and the rules and regulations of the Contractor's License Board when any party to the joint venture agreement does not hold a current or appropriate contractor's license. The joint venture must be registered with the office of the Director of Commerce and Consumer Affairs in accordance with Chapter 425 of the Hawaii Revised Statutes, as amended.
5. No persons, firm or corporation may bid where (1) the person, firm, or corporation, or (2) a corporation owned substantially by the person, firm, or corporation, or (3) a substantial stockholder or an officer of the corporation, or (4) a partner or substantial investor in the firm is in arrears in any payment owed to the State of Hawaii or any of its political subdivisions or is in default of any obligation to the State of Hawaii or to all or to any of its political subdivisions, including default as a surety or failure to perform faithfully and diligently any previous contract with the Department.

**C. PROPOSAL FORM**

1. Prospective Bidders are being furnished with a Bid Offer form giving the location, description, and the contract time of the work contemplated for which a lump sum bid price is asked or containing a schedule of items, together with estimated quantities of work to be performed and materials to be furnished, for which unit bid prices and/or lump sum bid prices are asked.
2. All papers bound with or attached to the Bid Offer form shall be considered a part thereof and shall not be detached or altered when the bid is submitted.
3. The drawings, specifications and other documents designated in the Bid Offer form will also be considered a part thereof whether attached or not.
4. When quantities for individual items of work are listed in the Bid Offer form for which respective unit prices are asked, said quantities are estimated or approximate and are to be used by the Department only for the purpose of comparing on a uniform basis bids offered for the work. The Department does not, expressly or by implication agree that the actual quantity of work will correspond therewith.



5. On unit price bids, payment will be made only for the actual number of units incorporated into the finished project at the unit price bid, subject to DHHL Construction General Conditions (CGC), Section 4.7, VARIATIONS IN ESTIMATED QUANTITIES.
6. The Bidder's proposal must be submitted on a Bid Offer form furnished by the Department. The proposal must be prepared in full accordance with the instructions herein. The Bidder must state, both in words and numerals, the lump sum price or total sum bid at which the work contemplated is proposed to be done. These prices must be written in ink or typed. In case of a discrepancy between the prices written in words and those written in figures, the words shall govern over the figures. The Bidder shall sign the proposal in the spaces provided with ink.
7. If the proposal is made by an individual, the person's name and post office address must be shown in the space provided. If made by a partnership, the name and post office address of each member of the partnership must be shown and the proposal signed by all partners or evidence in the form of a partnership agreement must be submitted showing the authority of the partner to enter, on behalf of said partnership, into contract with the Department. If made by a corporation the proposal must show the name, title and business address of the president, secretary and treasurer and also evidence in the form of a corporate resolution must be submitted showing the authority of the particular corporate representative to enter on behalf of said corporation into contract with the Department. If made by a joint-venture the name and post office address of each member of the individual firm, partnership or corporation comprising the joint-venture must be shown with other pertinent information required of individuals, partnerships or corporations as the case may be. The proposal must be signed by all parties to the joint-venture or evidence in the form of a Joint-Venture Agreement must be submitted showing the authority of the joint-venture's representative to enter on behalf of said joint-venture into contract with the Department.
8. Pursuant to the requirements of Section 103D-302, HRS, each Bidder shall include in its bid the name of each person or firm to be engaged by the Bidder on the project as joint contractor or subcontractor indicating also the nature and scope of work to be performed by such joint contractor and/or subcontractor and their respective contractor's license number. A joint contractor or subcontractor performing less than or equal to one percent of the total bid amount is not required to be listed in the proposal. The Bidder shall be solely responsible for verifying that their joint contractor or subcontractor has the proper license at the time of the submitted bid.
9. It is understood and agreed that the Contractor shall make no claim for anticipated profit, loss of profit or unabsorbed field, branch or home office overhead and impact losses due to the exercise of the Departments right to eliminate entire portions of the work or to increase or decrease any or all the quantities shown in a Bid Offer form.



10. By submitting a bid on the Bid Offer form, a Bidder accepts the language therein as its own.

D. No Bid Security is required with this bid.

E. **BIDDER'S RESPONSIBILITY FOR EXAMINATION OF CONTRACT DOCUMENTS, SITE OF WORK, ETC.**

The Bidder shall carefully examine the project site and study all Contract Documents (as defined in the DHHL Construction General Conditions) and any documents or items referenced therein and contract and bond forms therefore. The submission of a bid shall be considered as a warranty that the Bidder has made such examination and is informed of the conditions to be encountered in performing the Work and of the requirements of the Contract Documents and any documents and items referenced therein, and contract and bonds.

F. **ADDENDA AND BID CLARIFICATIONS**

1. The terms and requirements of the bid documents (i.e. drawings, specifications and other bid and contract documents) cannot be changed prior to the bid opening except by a duly issued addendum.
2. The Department may alter, increase or decrease the scope of the work or the contract time, provisions and conditions by issuing a written addendum which sets forth such alterations, increase or decrease.
3. If a Bidder discovers what it considers to be a discrepancy, ambiguity, omission or doubt as to the meaning of drawings, specifications and any other bid or contract documents, the Bidder shall request in writing an interpretation from the Chairman.
4. If the Department agrees that a discrepancy, ambiguity, omission or doubt exists, it shall issue a written addendum to the bid documents to all prospective Bidders known to have received a solicitation eight (8) days before the bids are opened. The Department may extend the bid opening to allow at least eight (8) days from the notification date of the addendum. Upon notification by the Department, all Bidders/addressees shall be deemed to be on notice of the information therein whether or not the addendum is actually received. All addenda so issued shall become part of the contract documents.
5. No claim for additional compensation and/or time for performance will be allowed if the Contractor discovered, or in the exercise of reasonable care, should have discovered a discrepancy, ambiguity, omission or doubt for which an interpretation was not requested.

G. **SUBSTITUTION OF MATERIALS AND EQUIPMENT BEFORE BID OPENING**

1. Brand names of materials or equipment are specified or shown on the drawings to indicate a quality, style, appearance or performance and not to limit competition.



The Bidder shall base its bid on one of the specified brand names unless alternate brands are qualified as equal or better in an addendum. Qualifications of such proposed alternate brands shall be submitted in writing and addressed to the Project Manager. The face of the envelope containing the request must be clearly marked "SUBSTITUTION REQUEST". The request may be hand carried or mailed to DHHL, 91-5420 Kapolei Parkway, Kapolei, Hawaii, 96707. In either case, the written request must be received by DHHL no later than fourteen (14) days before the bid opening date and time specified in the Notice to Bidders. The written request will be time stamped by DHHL. For the purpose of this section, the time designated by the time stamping device in DHHL shall be official. If the written request is hand carried, the bearer is responsible to ensure that the request is time stamped by DHHL.

2. Submit three (3) sets of the written request, technical brochures, and a statement of variances.
3. A statement of variances must list all features of the proposed substitution which differ from the drawings, specifications and/or product(s) specified and must further certify that the substitution has no other variant features. The brochure and information submitted shall be clearly marked showing make, model, size, options, etc., and must include sufficient evidence to evaluate each feature listed as a variance. A request will be denied if submitted without sufficient evidence. If after installing the substituted product, an unlisted variance is discovered, Contractor shall immediately replace the product with a specified product at no cost to the Department.
4. Any substitution request not complying with the above requirements will be denied. Substitution requests sent to other agencies and received by Project Manager after the deadline above will be denied.
5. An addendum shall be issued to inform all prospective Bidders of any accepted substitution.

#### H. DELIVERY OF BIDS.

The entire completed bid offer form shall be placed together with the bid security, in a sealed envelope and delivered as indicated in the Notice to Bidders. Bids which do not comply with this requirement may not be considered. Proposals will be received up to the time fixed in the public notice for opening of bids and must be in the hands of the official by the time indicated. The time designated by the time stamping device in DHHL shall be official.

#### I. WITHDRAWAL OR REVISION OF BIDS. Bids may be modified prior to the deadline to submit the bid by any of the following documents:

- 1 Withdrawal of Bids:



- (a) A signed, written notice received in the office designated in the solicitation; or
- (b) A signed written notice faxed or e-mailed to the office designated in the solicitation.

2 Modification of Bids:

- (a) A signed written notice received in the office designated in the solicitation, accompanied by a duly executed certificate of resolution for corporations, partnerships and joint-ventures, stating that a modification to the proposal is submitted; and
- (b) The actual modification sealed securely in a separate envelope or container, accompanying the written notice.
- (c) The modification may be sent by fax or email, provided that the originals must be submitted within two working days of the fax or email.

J. PUBLIC OPENING OF BIDS.

Sealed bids will be opened and read publicly at the time and place indicated in the Notice to Bidders. Bidders, their authorized agents and other interested parties are invited to be present.

K. DISQUALIFICATION OF BIDDERS. Any one or more of the following causes will be considered as sufficient for the disqualification of a Bidder and the rejection of its proposal or proposals:

- 1. Non-compliance with Section I.A. QUALIFICATION OF BIDDERS;
- 2. Evidence of collusion among Bidders;
- 3. Lack of responsibility and cooperation as shown by past work such as failing to complete all of the requirements to close the project within a reasonable time or engaging in a pattern of unreasonable or frivolous claims for extra compensation;
- 4. Being in arrears on existing contracts with the State of Hawaii, or having defaulted on a previous contract with the State of Hawaii;
- 5. Lack of proper equipment and/or sufficient experience to perform the work contemplated, as revealed by the Standard Questionnaire and Financial Statement for Bidders;
- 6. No contractor's license or a contractor's license which does not cover type of work contemplated;
- 7. More than one proposal for the same work from an individual, firm, partnership, corporation or joint venture under the same or different name;



8. Delivery of bids after the deadline specified in the advertisement calling for bids;
9. Failure to pay, or satisfactorily settle, all bills overdue for labor and materials of former contracts in force at the time of issuance of proposal forms; and/or
10. Debarment or suspension pursuant to the provisions of Chapters 103D, 104 and 444, Hawaii Revised Statutes, as amended.

**L. PROTESTS**

1. Protests shall be governed by Section 103D-701, Hawaii Revised Statutes, and amended hereafter, and its implementing rules set forth in Title 3, Chapter 126, Subchapter 1, of the Hawaii Administrative Rules, and as amended hereafter.
2. The Chairman is the Department's chief procurement officer to whom protests shall be addressed unless specified otherwise in the solicitation.

**M. WRONGFUL REFUSAL TO ACCEPT A BID.**

In the event the Chairman, for any reason, wrongfully refuses to accept what would otherwise be a responsive and responsible lowest bid, the exclusive remedy for such lowest Bidder shall be the recovery of the reasonable actual costs of preparing the bid. No other Bidder shall have any claim for damages.

**II AWARD AND EXECUTION OF CONTRACT**

**A. CONSIDERATION OF BIDS; CANCELLATION.**

After the sealed bids are opened and read, the figures will be extended and/or totaled in accordance with the bid prices of the acceptable proposals and the totals will be compared and the results of such comparison shall be made public. In the event of a tie bid, the low Bidder shall be determined in accordance with HAR 3-122-34. In the comparison of bids, words written in the proposals will govern over figures and unit prices will govern over totals. Until the award of the contract, the Department may cancel the solicitation, reject any and all proposals in whole or part and may waive any defects or technicalities whenever such action is deemed to be in the best interest of the Department.

**B. IRREGULAR BIDS.**

Bids will be considered irregular and may be rejected for the following reasons:

1. If the bid is unsigned.
2. If bid security is not in accordance with Section I.E. BID SECURITY.
3. If bid is on a form other than that furnished by the Department; or if the form is altered or any part thereof detached.



4. If the bid shows any non-compliance with applicable law, alteration of form, additions not called for, conditional bids, incomplete bids, non-initialed erasures, other defects, or if the prices are obviously unbalanced.
5. If the Bidder adds any provisions reserving the right to accept or reject an award.
6. If the Bidder adds any provisions reserving the right to enter into a contract pursuant to an award.
7. When a bid is signed by an officer or officers of a corporation and a currently certified corporate resolution authorizing such signer(s) to submit such bid is not submitted with the proposal or when the proposal is signed by an agent other than the officer or officers of a corporation or a member of a partnership and a power of attorney is not submitted with the proposal.
8. Where there is an incomplete or ambiguous listing of joint contractors and/or subcontractors the bid may be rejected. All work which is not listed as being performed by joint contractors and/or subcontractors must be performed by the Bidder with its own employees. Additions to the list of joint contractors or subcontractors will not be allowed. Whenever there is a doubt as to the completeness of the list, the Bidder will be required to submit within five (5) working days, a written confirmation that the work in question will be performed with its own work force. Whenever there is more than one joint contractor and/or subcontractor listed for the same item of work, the Bidder will be required to either confirm in writing within five (5) working days that all joint contractors or subcontractors listed will actually be engaged on the project or obtain within five (5) working days written releases from those joint contractors and/or subcontractors who will not be engaged.
9. If in the opinion of the Chairman, the Bidder and/or its listed subcontractors do not have the contractor's licenses or combination of contractor's licenses necessary to complete all of the work.

C. CORRECTION OF BIDS AND WITHDRAWAL OF BIDS (§3-122-31 HAR)

1. Corrections to bids after bid opening but prior to award may be made under the following conditions:
  - (a) If the mistake is attributable to an arithmetical error, the Chairman shall so correct the mistake. In case of error in extension of bid price, the unit price shall govern.
  - (b) If the mistake is a minor informality which shall not affect price, quantity, quality, delivery, or contractual conditions, the Bidder shall request correction by submitting proof of evidentiary value which demonstrates that a mistake was made. The Chairman shall prepare a written approval or denial in response to this request. Examples of such mistakes include:

Instructions for Bid Submittal



- (1) Typographical errors;
  - (2) Transposition errors;
  - (3) Failure of a Bidder to sign the bid, but only if the unsigned bid is accompanied by other material indicating the Bidder's intent to be bound.
- (c) For reasons not allowable under Subsections II.C.1.(a) and II.C.1.(b) when the Chairman determines that the correction or waiver of an obvious mistake is in the best interest of the Department or is warranted for the fair treatment of other Bidders.
2. Withdrawal of bids after bid opening but prior to award may be made when the bid contains a mistake attributable to an obvious error which affects price, quantity, quality, delivery, or contractual conditions, and the Bidder requests withdrawal by submitting proof of evidentiary value which demonstrates that a mistake was made. The Chairman shall prepare a written approval or denial in response to this request.
3. Correction or withdrawal of bids after award is not permissible except in response to a written withdrawal or correction request by the Contractor, and the Chairman makes a written determination that the Department's procurement practices and policies would not be materially affected by such correction or withdrawal.

#### D. AWARD OF CONTRACT

1. The award of contract, if it be awarded, will be made within one hundred twenty (120) consecutive calendar days after the opening of the proposals to the lowest responsible and responsive Bidder (including the alternate or alternates which may be selected by the Chairman in the case of alternate bids) whose proposal complies with all the requirements prescribed, but in no case will an award be made until all necessary investigations are made. The successful Bidder will be notified, by letter mailed to the address shown on the proposal, that its bid has been accepted and that it has been awarded the contract.
2. If the contract is not awarded within the one hundred twenty (120) days noted in Subsection II.D.1 above, the Department may request the successful Bidder to extend the time for the acceptance of its bid. The Bidder may reject such a request without penalty; and in such case, the Department may at its sole discretion make a similar offer to the next lowest responsive and responsible Bidder and so on until a bid is duly accepted or until the Department elects to stop making such requests.
3. No contract will be awarded to any person or firm suspended or debarred under the provisions of Chapters 103D, 104 and Chapter 444, Hawaii Revised Statutes as amended.
4. The contract will be drawn on the forms furnished by the Chairman. The contract will not be binding on the Department until all required signatures have been



affixed thereto and written certification that funds are available for the work has been made.

5. Prior to award of the contract, the Department shall verify compliance with Sections 103D-310 and 103D-328 HRS via Hawaii Compliance Express (HCE).

E. CANCELLATION OF AWARD.

The Department reserves the right to cancel the award of any contract at any time before the execution of said contract by all parties. The exclusive remedy to the awardee for such cancellation shall be payment of the reasonable bid preparation costs and the reimbursement of any direct expenses incurred as directed in the Notice of Award. Such cancellation will not incur any liability by the Department to any other Bidder.

F. RETURN OF BID SECURITY.

No Bid Security is required for this project.

G. REQUIREMENT OF PERFORMANCE AND PAYMENT BONDS

Performance and Payment Bonds are not required for this service contract.

H. EXECUTION OF THE CONTRACT

1. The contract shall be signed by the successful Bidder and returned, together with satisfactory performance and payment bonds, within ten (10) calendar days after the Bidder is awarded the contract for execution or within such further time as the Chairman may allow. No proposal or contract shall be considered binding upon the Department until the contract has been fully and properly executed by all parties thereto. For projects funded with State Capital Improvement Project (CIP) funds, the Chairman shall also endorse thereon its certificate, as required by Section 103D-309, HRS, that there is an available unexpended appropriation or balance of an appropriation over and above all outstanding contracts sufficient to cover the Department's amount required by such contract.
2. On any individual award totaling less than \$25,000 (twenty five thousand dollars), the Department reserves the right to execute the contract by the issuance of a Purchase Order. Issuance of a Purchase Order shall result in a binding contract between the parties without further action by the Department. The issuance of a Purchase Order shall not be deemed a waiver of the General Conditions, and Contract Document requirements.

I. FAILURE TO EXECUTE THE CONTRACT

1. Before the Award. If a low Bidder without legal justification withdraws its bid after the opening of bids but before the award of the contract, the Department shall be entitled to retain as damages the amount established as bid security, and



may take all appropriate actions to recover the damages sum from the property or third-party obligations deposited as bid security.

2. After the Award. If the Bidder to which a contract is awarded shall fail or neglect to enter into the contract and to furnish satisfactory security within ten (10) calendar days after such award or within such further time as the Chairman may allow, the Department shall be entitled to recover from such Bidder its actual damages, including but not limited to the difference between the bid and the next lowest responsive bid, as well as personnel and administrative costs, consulting and legal fees and other expenses incurred in arranging a contract with the next low responsible and responsive Bidder or calling for new bids. The Department may apply all or part of the amount of the bid security to reduce its damages. If upon determination by the Department that the bid security exceeds the amount of its damages, it shall release or return the excess to the person who provided same.
3. Chairman's Options. Upon a withdrawal of the lowest responsive bid, or upon a refusal or failure of the lowest Bidder to execute the contract, the Chairman may thereupon award the contract to the next lowest responsible and responsive Bidder or may call for new bids, whichever method the Chairman may deem to be in the best interests of the Department.



**IFB Checklist for Bidders**  
IFB-18- HHL-003  
Operation and Maintenance of The Sewer Pump Station  
Waiehu Kou Subdivision, Waiehu, Maui, Hawaii

**Items required prior to Bid Opening:**

- ☐ Notice of Intention to Bid, no later than 2:00 p.m., August 29, 2017 [tenth calendar day prior to the day designated for opening bids – see sec B.1.].

**Items required with Sealed Bid:**

- ☐ Bid Package Envelope Cover (with the words “Sealed Bid”), included with this IFB.

The Envelope Cover Form shall be used for Sealed Bid Envelopes. The cover form should be glued or taped to the front of the bid envelope and the information type- written or printed clearly in ink.

- ☐ Bid Offer Form (included with this IFB)

The total sum bid amount must be typed or clearly written in both numbers and words in the appropriate space on page 3 of the Bid Offer Form. Illegible writing on any portion of the Bid Offer Form, except for the signee’s signature, may be grounds for considering a Bid “non-responsive”.

- ☐ Corporate Resolution (Indicating who is authorized to sign bid documents and contracts)



DEPARTMENT OF HAWAIIAN HOME LANDS

**OPERATION AND MAINTENANCE OF THE  
SEWER PUMP STATION AT WAIEHU KOU**

**WAIEHU, COUNTY OF MAUI, HAWAII**

IFB NO.: IFB-18-HHL-003

**\*SEALED BID\***

Submitted by: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

Bid Package Envelope Cover



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

**BID OFFER FORM FOR**

**OPERATION AND MAINTENANCE OF THE SEWER PUMP STATION**

**WAIEHU KOU SUBDIVISION, ISLAND OF MAUI, HAWAII**

**TAX MAP KEY**

**(2) 3-2-024:091**

**IFB No.: IFB-18-HHL-003**

Chairman  
Hawaiian Homes Commission  
Department of Hawaiian Home Lands  
91-5420 Kapolei Parkway  
Kapolei, Hawaii 96707

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-18-HHL-003. 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-18-HHL-003 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 Operation and Maintenance of The Sewer Pump Station, Waiehu Kou Subdivision, to the Department of Hawaiian Home Lands.

ITEM #	DESCRIPTION	UNITS	PRICE/UNIT	TOTAL
1	Monthly cost for the O & M of the Sewer Pump Station	36	\$_____ /mo.	\$_____
2	Allowance: To be used within the authorized area on an "As Needed" basis and other related work, with the authorization of DHHL Project Manager.			\$ 45,000.00
	TOTAL SUM BID			\$_____

**TOTAL SUM BID =** \_\_\_\_\_ **Dollars(\$\_\_\_\_\_).**

**The prices herein for the above items shall include all materials, labor, tools, equipment, machinery and all incidentals necessary, inclusive 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 Time of Performance shall be thirty-six (36) calendar months from the effective date of the Notice to Proceed, unless terminated, the service provider shall have the option to extend the contract for not more than 2 additional twelve-month periods or parts thereof, without the necessity of re-bidding upon mutual agreement in writing at least sixty (60) days prior to expiration, provided that the contract price for the extended period shall remain the same or lower than the initial price.



THE FOLLOWING INFORMATION IS SUBMITTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIAL CONDITIONS:

1. Refer to the PRICE ADJUSTMENT PURSUANT TO SECTION 103-55, HRS PROVISION, SC-13 for details.

Percentage of Unit Bid Price represents labor cost for Grade III: \_\_\_\_\_%

2. Refer to the STATUROTU REQUIREMENTS OF SECTION 103-55, HRS PROVISION, SC-12 for details.

Are services to be performed under this contract similar to the work performed by public employees as described in the attached class specifications? \_\_\_\_\_Yes \_\_\_\_\_No

If yes, list similar positions: \_\_\_\_\_  
\_\_\_\_\_

3. Refer to OFFEROR QUALIFICATIONS, Item 3, SC-08 for details.

<u>Offeror or Subcontractor Name</u>	<u>Type of HRS Chapter 444 License</u>	<u>License No.</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

<u>Name of Licensed Plumber</u>	<u>HRS Chapter 448E License No.</u>
_____	_____
_____	_____

4. Refer to OFFEROR QUALIFICATIONS, Item 4, SC-08 for details.

Service facility on the island of Hawaii and name of contact:

Name of Contact person: \_\_\_\_\_

Address of Service Facility: \_\_\_\_\_  
\_\_\_\_\_

Telephone No.: \_\_\_\_\_ Facsimile No.: \_\_\_\_\_

(Answering Service not acceptable)



List three (3) companies or government agencies for whom bidder has provided or is currently providing operation, maintenance, and repair services for Water System Facilities:

	<u>Name of Firm</u>	<u>Address</u>	<u>Contact Person</u>
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____

6. Refer to OFFEROR QUALIFICATIONS, Item 1, SC-12 for details.

Attach documented operations and maintenance and repair experience to substantiate five (5) consecutive years' experience.

7. Refer to INSURANCE COVERAGE, SC-02 for details.

Insurance coverage (if applicable)

	<u>Carrier</u>	<u>Policy No.</u>
1. Commercial General Liability	_____	_____
2. Worker's Compensation	_____	_____
3. Temporary Disability	_____	_____
4. Prepaid Health Care	_____	_____
5. Unemployment Insurance: State	_____	_____



## HAWAII PRODUCTS PREFERENCE

In accordance with HRS §103D-1002, the Hawaii products preference is applicable to this solicitation. Hawaii Products [are / may be] available for those items noted on the offer form. The Hawaii products list is available on the SPO webpage at <http://hawaii.gov/spo>, under Toolbox/QuickLinks click on Goods, Services and Construction, then click on Goods, Services and Construction for Vendors, Contractors and Service Providers, under Preferences, click on Preferences pursuant to HRS 103D Part X including Hawaii Products, then click on Preference for Hawaii Products, and select *Hawaii Products List* to view.

Offeror submitting a Hawaii Product (HP) shall identify the HP on the solicitation offer page(s). Any person desiring a Hawaii product preference shall have the product(s) certified and qualified if not currently on the Hawaii products list, prior to the deadline for receipt of offer(s) specified in the procurement notice and solicitation. The responsibility for certification and qualification shall rest upon the person requesting the preference.

Persons desiring to qualify their product(s) not currently on the Hawaii product list shall complete form SPO-038, *Certification for Hawaii Product Preference* and submit to the Procurement Officer issuing the solicitation (IFB or RFP), and provide all additional information required by the Procurement Officer. For each product, one form shall be completed and submitted (i.e. 3 products should have 3 separate forms completed). Form SPO-038 is available on the SPO webpage at <http://spo.hawaii.gov/all-forms/>. 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., August 25, 2017**. 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 **4:00 p.m., August 30, 2017**.

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.

When a solicitation contains both HP and non-HP, then for the purpose of selecting the lowest bid or purchase price only, the price offered for a HP item shall be decreased by subtracting 10% for the class I or 15% for the class II HP items offered, respectively. The lowest total offer, taking the preference into consideration, shall be awarded the contract unless the offer provides for additional award criteria. The contract amount of any contract awarded, however, shall be the amount of the price offered, exclusive of the preferences.

Change in Availability of Hawaii product. In the event of any change that materially alters the offeror's ability to supply Hawaii products, the offeror shall notify the procurement officer in writing no later than five working days from when the offeror knows of the change and the parties shall enter into discussions for the purposes of revising the contract or terminating the contract for convenience.



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. Estimated value of this project is less than \$250,000.00, therefore this preference **shall not** apply.



**ALL JOINT CONTRACTORS OR SUBCONTRACTORS TO BE ENGAGED ON THIS PROJECT**

The Bidder certifies that the following is a complete listing of all joint Contractors or Subcontractors covered under Chapter 444, Hawaii Revised Statutes, who will be engaged by the Bidder on this project to perform the nature and scope of work indicated pursuant to Section 103D-302, Hawaii Revised Statutes, and understands that failure to comply with this requirement shall be just cause for rejection of the bid.

The Bidder further understands that only those joint Contractors or Subcontractors listed shall be allowed to perform work on this project and that all other work necessary shall be performed by the Bidder with his own employees. If no joint Contractor or Subcontractor is listed, it shall be construed that all of the work shall be performed by the Bidder with his own employees.

The Bidders must be sure that they possess and that the Subcontractors listed in the bid possess all the necessary licenses needed to perform the work for this project. The bidder shall be solely responsible for assuring that all the specialty licenses required to perform the work are covered in his bid.

The Bidder shall include the license number of the joint Contractors or Subcontractors listed below. Failure to provide the correct names and license numbers as registered with the Contractor's Licensing Board may cause rejection of the bid submitted.

Complete Firm Name of Joint Contractor or Subcontractor	License Number	Hawaii Tax ID Number	Nature and Scope of Work to be Performed

(Add additional sheets if necessary)



## **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.

Respectfully submitted,

\_\_\_\_\_  
Name of Company, Joint Venture or Partnership

\_\_\_\_\_  
License No.

By \_\_\_\_\_  
Signature (\*1)

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. 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.
- \*2. 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



**WAGE CERTIFICATE  
FOR SERVICE CONTRACTS  
(See Special Conditions)**

Subject: RFQ No.: IFB-18-HHL-003

Title of IFB: OPERATION AND MAINTENANCE OF THE SEWER PUMP  
STATION AT WAIEHU KOU PHASE 3 SUBDIVISION  
WAIEHU KOU SUBDIVISION, COUNTY OF MAUI, HAWAII

Pursuant to Section 103-55, Hawaii Revised Statutes (HRS), I hereby certify that if awarded the contract in excess of \$25,000, the services to be performed will be performed under the following conditions:

1. All applicable laws of the federal and state governments relating to workers' compensation, unemployment compensation, payment of wages, and safety will be fully complied with; and
2. The services to be rendered shall be performed by employees paid at wages or salaries not less than the wages paid to public officers and employees for similar work, with the exception of professional, managerial, supervisory, and clerical personnel who are not covered by Section 103-55, HRS.

I understand that failure to comply with the above conditions during the period of the contract shall result in cancellation of the contract, unless such noncompliance is corrected within a reasonable period as determined by the procurement officer. Payment in the final settlement of the contract or the release of bonds, if applicable, or both shall not be made unless the procurement officer has determined that the noncompliance has been corrected; and

I further understand that all payments required by Federal and State laws to be made by employers for the benefit of their employees are to be paid in addition to the base wage required by section 103-55, HRS.

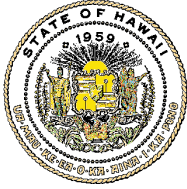
Offeror\_\_\_\_\_

Signature\_\_\_\_\_

Title\_\_\_\_\_

Date \_\_\_\_\_





**STATE OF HAWAII**  
**CONTRACT FOR GOODS OR SERVICES**  
**BASED UPON**  
**COMPETITIVE SEALED BIDS**

This Contract, executed on the respective dates indicated below, is effective as of \_\_\_\_\_, \_\_\_\_\_, between \_\_\_\_\_ Department of Hawaiian Home Lands \_\_\_\_\_,  
(Insert name of state department, agency, board or commission)  
State of Hawaii ("STATE"), by its \_\_\_\_\_ Chairman, Hawaiian Homes Commission \_\_\_\_\_,  
(Insert title of person signing for State)  
(hereafter also referred to as the HEAD OF THE PURCHASING AGENCY or designee ("HOPA")),  
whose address is 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707 \_\_\_\_\_  
\_\_\_\_\_ and \_\_\_\_\_  
("CONTRACTOR"), a \_\_\_\_\_  
(Insert corporation, partnership, joint venture, sole proprietorship, or other legal form of the Contractor)  
under the laws of the State of \_\_\_\_\_, whose business address and federal  
and state taxpayer identification numbers are as follows: \_\_\_\_\_  
\_\_\_\_\_

**RECITALS**

A. The STATE desires to retain and engage the CONTRACTOR to provide the goods or services, or both, described in this Contract and its attachments, and the CONTRACTOR is agreeable to providing said goods or services, or both.

B. The STATE has issued an invitation for competitive sealed bids, and has received and reviewed bids submitted in response to the invitation.

C. The solicitation for bids and the selection of the CONTRACTOR were made in accordance with section 103D-302, Hawaii Revised Statutes ("HRS"), Hawaii Administrative Rules, Title 3, Department of Accounting and General Services, Subtitle 11 ("HAR"), Chapter 122, Subchapter 5, and applicable procedures established by the appropriate Chief Procurement Officer ("CPO").

D. The CONTRACTOR has been identified as the lowest responsible and responsive bidder whose bid meets the requirements and criteria set forth in the invitation.

E. Pursuant to \_\_\_\_\_ HHCA of 1920, as amended \_\_\_\_\_, the STATE  
(Legal authority to enter into this Contract)  
is authorized to enter into this Contract.

F. Money is available to fund this Contract pursuant to:

(1) Hawaiian Homes Trust Fund \_\_\_\_\_

(Identify state sources)

or (2) \_\_\_\_\_

(Identify federal sources)

or both, in the following amounts: State \$ \_\_\_\_\_

Federal \$ \_\_\_\_\_

NOW, THEREFORE, in consideration of the promises contained in this Contract, the STATE and the CONTRACTOR agree as follows:

1. Scope of Services. The CONTRACTOR shall, in a proper and satisfactory manner as determined by the STATE, provide all the goods or services, or both, set forth in the Invitation for Bids number IFB-18-HHL-003 ("IFB") \* and the CONTRACTOR'S accepted bid ("Bid"), both of which, even if not physically attached to this Contract, are made a part of this Contract.

2. Compensation. The CONTRACTOR shall be compensated for goods supplied or services performed, or both, under this Contract in a total amount not to exceed

\* and summarized in Attachment S-1



TBD \_\_\_\_\_ DOLLARS

(\$ TBD ), including approved costs incurred and taxes, at the time and in the manner set forth in the IFB and CONTRACTOR'S Bid. And generally described in Attachment S-2.

3. Time of Performance. The services or goods required of the CONTRACTOR under this Contract shall be performed and completed in accordance with the Time of Performance set forth in Attachment-S3, which is made a part of this Contract.

4. Bonds. The CONTRACTOR ☐ is required to provide or ☒ is not required to provide: ☐ a performance bond, ☐ a payment bond, ☒ a performance and payment bond each in the amount of \_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_).

5. Standards of Conduct Declaration. The Standards of Conduct Declaration of the CONTRACTOR is attached to and made a part of this Contract.

6. Other Terms and Conditions. The General Conditions, Construction General Conditions, and any Special Conditions are attached to and made a part of this Contract. In the event of a conflict between the General Conditions, Construction General Conditions, and the Special Conditions, the Special Conditions shall control. In the event of a conflict among the documents, the order of precedence shall be as follows: (1) this Contract, including all attachments and addenda; (2) the IFB, including all attachments and addenda; and (3) the CONTRACTOR'S Bid.

7. Liquidated Damages. Liquidated damages shall be assessed in the amount of N/A and 00/100 \_\_\_\_\_ DOLLARS (\$ 0.00 ) per day, in accordance with the terms of paragraph 9 of the General Conditions.

8. Notices. Any written notice required to be given by a party to this Contract shall be (a) delivered personally, or (b) sent by United States first class mail, postage prepaid. Notice to the STATE shall be sent to the HOPA'S address indicated in the Contract. Notice to the CONTRACTOR shall be sent to the CONTRACTOR'S address indicated in the Contract. A notice shall be deemed to have been received three (3) days after mailing or at the time of actual receipt, whichever is earlier. The CONTRACTOR is responsible for notifying the STATE in writing of any change of address.

IN VIEW OF THE ABOVE, the parties execute this Contract by their signatures, on the dates below, to be effective as of the date first above written.

## STATE

\_\_\_\_\_  
(Signature)

**Jobie M. K. Masagatani**

\_\_\_\_\_  
(Print Name)

**Chairman, Hawaiian Homes Commission**

\_\_\_\_\_  
(Print Title)

\_\_\_\_\_  
(Date)

## CONTRACTOR

### CORPORATE SEAL

(If available)

\_\_\_\_\_  
(Name of Contractor)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Print Name)

\_\_\_\_\_  
(Print Title)

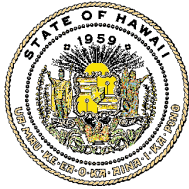
\_\_\_\_\_  
(Date)

**APPROVED AS TO FORM:**

\_\_\_\_\_  
Deputy Attorney General

\*Evidence of authority of the CONTRACTOR'S representative to sign this Contract for the CONTRACTOR must be attached.





STATE OF HAWAII

CONTRACTOR'S ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ )  
 ) SS.  
\_\_\_\_\_ COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ before me appeared  
\_\_\_\_\_ and \_\_\_\_\_, to me  
known, to be the person(s) described in and, who, being by me duly sworn, did say that he/she/they is/are  
\_\_\_\_\_ and \_\_\_\_\_ of  
\_\_\_\_\_, the  
CONTRACTOR named in the foregoing instrument, and that he/she/they is/are authorized to sign said  
instrument on behalf of the CONTRACTOR, and acknowledges that he/she/they executed said  
instrument as the free act and deed of the CONTRACTOR.

(Notary Stamp or Seal)

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Print Name)

Notary Public, State of \_\_\_\_\_

My commission expires: \_\_\_\_\_

Doc. Date: \_\_\_\_\_ # Pages: \_\_\_\_\_

Notary Name: \_\_\_\_\_ Circuit \_\_\_\_\_

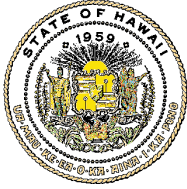
Doc. Description: Contract for Goods or Services Based Upon  
Competitive Sealed Bids

(Notary Stamp or Seal)

\_\_\_\_\_  
Notary Signature Date

NOTARY CERTIFICATION





# STATE OF HAWAII

## CONTRACTOR'S STANDARDS OF CONDUCT DECLARATION

For the purposes of this declaration:

"Agency" means and includes the State, the legislature and its committees, all executive departments, boards, commissions, committees, bureaus, offices; and all independent commissions and other establishments of the state government but excluding the courts.

"Controlling interest" means an interest in a business or other undertaking which is sufficient in fact to control, whether the interest is greater or less than fifty per cent (50%).

"Employee" means any nominated, appointed, or elected officer or employee of the State, including members of boards, commissions, and committees, and employees under contract to the State or of the constitutional convention, but excluding legislators, delegates to the constitutional convention, justices, and judges. (Section 84-3, HRS).

On behalf of \_\_\_\_\_, CONTRACTOR, the undersigned does declare as follows:

1. CONTRACTOR ☐ is\* ☐ is not a legislator or an employee or a business in which a legislator or an employee has a controlling interest. (Section 84-15(a), HRS).
2. CONTRACTOR has not been represented or assisted personally in the matter by an individual who has been an employee of the agency awarding this Contract within the preceding two years and who participated while so employed in the matter with which the Contract is directly concerned. (Section 84-15(b), HRS).
3. CONTRACTOR has not been assisted or represented by a legislator or employee for a fee or other compensation to obtain this Contract and will not be assisted or represented by a legislator or employee for a fee or other compensation in the performance of this Contract, if the legislator or employee had been involved in the development or award of the Contract. (Section 84-14 (d), HRS).
4. CONTRACTOR has not been represented on matters related to this Contract, for a fee or other consideration by an individual who, within the past twelve (12) months, has been an agency employee, or in the case of the Legislature, a legislator, and participated while an employee or legislator on matters related to this Contract. (Sections 84-18(b) and (c), HRS).

CONTRACTOR understands that the Contract to which this document is attached is voidable on behalf of the STATE if this Contract was entered into in violation of any provision of chapter 84, Hawaii Revised Statutes, commonly referred to as the Code of Ethics, including the provisions which are the source of the declarations above. Additionally, any fee, compensation, gift, or profit received by any person as a result of a violation of the Code of Ethics may be recovered by the STATE.

\* Reminder to Agency: If the "is" block is checked and if the Contract involves goods or services of a value in excess of \$10,000, the Contract must be awarded by competitive sealed bidding under section 103D-302, HRS, or a competitive sealed proposal under section 103D-303, HRS. Otherwise, the Agency may not award the Contract unless it posts a notice of its intent to award it and files a copy of the notice with the State Ethics Commission. (Section 84-15(a), HRS).

### CONTRACTOR

By \_\_\_\_\_  
(Signature)

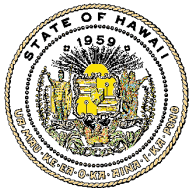
Print Name \_\_\_\_\_

Print Title \_\_\_\_\_

Name of Contractor \_\_\_\_\_

Date \_\_\_\_\_





## STATE OF HAWAII

# SCOPE OF SERVICES

**Project:** O & M of the Sewer Pump Station at Waiehu Kou  
**Location:** Waiehu, County of Maui, Hawaii  
**Contractor:** tbd

Pursuant to 103D, Hawaii Revised Statutes, the CONTRACTOR shall perform and provide the Scope of Services listed below and detailed in Invitation for Bids IFB-17-HHL-003 and in CONTRACTOR's proposal submitted on September 8, 2017, in a proper and satisfactory manner as determined by the STATE and in accordance with all Federal, State and local laws, both of which are incorporated by reference.

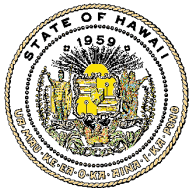
The Selected Contractor shall furnish all labor, equipment, cleaning supplies, materials and supervision to satisfactorily maintain the Waiehu Kou, Phase 3 Sewer Pump Station (see attached diagram for property description).

### DETAILED SCOPE OF WORK

#### REGULAR SERVICE:

1. Twice a Week Services:
  - During this twice a week inspection, the Selected Contractor shall visually inspect the entire system to ensure reliability and optimum performance of the Sewer Pump Station. In the event an observation of a potential problem is observed, the Selected Contractor shall notify the DHHL in a timely manner to obtain authorization to correct the potential problem from occurring.
  - During this twice a week inspection, the Selected Contractor shall observe at least two cycles of automatic operation of pumps, whereby automatic alternation of lead/lag sequence has occurred.
2. Weekly Services (Note: to be scheduled on a different day than the above mentioned twice a week services):
  - The Selected Contractor shall maintain a Station Master Log, which includes reports of all observations, equipment, service, repairs, meter readings and other essential information. The Master Log shall be signed by the operator performing the services, as it is a permanent document of operation and maintenance conditions for the station. A duplicate copy of this Master Log should be kept at the Selected Contractors Office and duplicate copies forward to the DHHL for the tracking of this service
3. Monthly Service:
  - The Selected Contractor shall test the Alarm System on the first working day of each month. Findings of this test shall be entered into the Station Master Log.
  - On the first working day of each month, the Selected Contractor shall test the Standby Generator, including confirmation of automatic transfer of power from MECO primary power to standby power. Findings of this test shall be entered into the Station Master Log.



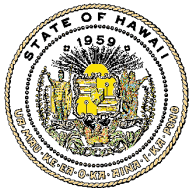


## STATE OF HAWAII

# SCOPE OF SERVICES

- The Selected Contractor shall monitor odors with Hydrogen Sulfide Detector (to be provided by the Contractor) at wet well and discharge manhole, and take appropriate action. Mitigate action with chemicals, if deemed necessary, (paid by DHHL on a time and material basis).
4. Quarterly Service:
- The Selected Contractor shall check submersible pumps for wear. Findings are to be entered into the Station Master Log.
  - The Selected Contractor shall clean wet well. (Note: In the event build-up of settled solids/floating grease in wet well occurs more frequently, arrange with DHHL to provide cleaning more frequently.) All servicing should be entered into Station Master Log.
5. Annual Service:
- The Selected Contractor shall clean belt drive for alignment and tension for exhaust fan. Cleaning dates and condition of belts are to be entered into the Station Master Log.
  - The Selected Contractor shall conduct performance verification check for magnetic flow meter. Performance report to be entered into the Station Master Log.
  - The Selected Contractor shall exercise all aboveground and buried valves to prevent freezing, including valve on generator engine exhaust to drain any condensation. Exercise report to be entered into the Station Master Log.
  - The Selected Contractor shall confirm proper operation and clean out (open drain valve) combination air valve at end of aboveground piping where force main begins.
  - Operation and clean out report(s) to be entered into the Station Master Log.





## STATE OF HAWAII

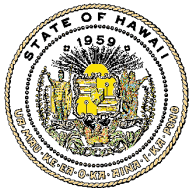
**COMPENSATION AND PAYMENT SCHEDULE**

**Project:** O & M Of the Sewer Pump Station at Waiehu Kou  
**Location:** Waiehu, County of Maui, Hawaii  
**Contractor:** tbd

The State shall pay the CONTRACTOR a sum not to exceed \_\_\_\_\_ AND \_\_\_/100 DOLLARS (\$\_\_\_\_\_) for the satisfactory completion of the work under this contract.

Item #	Description	Units	Price/Unit	Total
1	Monthly cost for the O & M of the Sewer Pump Station	36	\$_____/mo	\$_____
2	Allowance: To be used within the authorized area on an “As Needed” Basis and other related work, with the authorization of DHHL Project Manager			\$ 45,000.00
	TOTAL			\$_____





STATE OF HAWAII

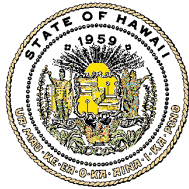
**TIME OF PERFORMANCE**

**Project:** O & M of the Sewer Pump Station at Waiehu Kou  
**Location:** Waiehu, County of Maui, Hawaii  
**Contractor:**

1. The CONTRACTOR shall enter into a contract for a thirty-six (36) month period commencing on the date specified on the Notice to Proceed issued by the STATE.
2. Unless terminated, the contract shall be extended for not more than two (2) additional twelve (12) month periods or parts thereof, without the necessity of re-bidding upon mutual agreement in writing at least sixty (60) days prior to expiration, provided that the contract price for the extended period shall remain the same or lower than the initial bid.

SAMPLE





## STATE OF HAWAII

**CERTIFICATE OF EXEMPTION  
FROM CIVIL SERVICE****1. By Heads of Departments Delegated by the Director of the Department of Human Resources Development (“DHRD”).\***

Pursuant to a delegation of the authority by the Director of DHRD, I certify that the services to be provided under this Contract, and the person(s) providing the services under this Contract are exempt from the civil service, pursuant to § 76-16, Hawaii Revised Statutes (HRS).

(Signature)

Jobie M. K. Masagatani

(Print Name)

Chairman, Hawaiian Homes Commission

(Print Title)

(Date)

\* This part of the form may be used by all department heads and the heads of attached agencies to whom the Director of DHRD expressly has delegated authority to certify § 76-16, HRS, civil service exemptions. The specific paragraph(s) of § 76-16, HRS, upon which an exemption is based should be noted in the contract file. If an exemption is based on § 76-16(b)(15), the contract must meet the following conditions:

- (1) It involves the delivery of completed work or product by or during a specific time;
- (2) There is no employee-employer relationship; and
- (3) The authorized funding for the service is from other than the "A" or personal services cost element.

**NOTE:** Not all attached agencies have received a delegation under § 76-16(b)(15). If in doubt, attached agencies should check with the Director of DHRD prior to certifying an exemption under § 76-16(b)(15). Authority to certify exemptions under §§ 76-16(b)(2), and 76-16(b)(12), HRS, has not been delegated; only the Director of DHRD may certify §§ 76-16(b)(2), and 76-16(b)(12) exemptions.

**2. By the Director of DHRD, State of Hawaii.**

I certify that the services to be provided under this Contract, and the person(s) providing the services under this Contract are exempt from the civil service, pursuant to § 76-16, HRS.

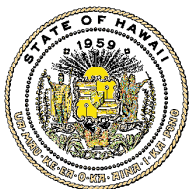
(Signature)

(Print Name)

(Print Title, if designee of the Director of DHRD)

(Date)





**STATE OF HAWAII**  
**SPECIAL CONDITIONS**

**Project:** Operation and Maintenance of the Sewer Pump Station  
**Location:** Waiehu Kou Subdivision Phase 3, Waiehu, Island of Maui, Hawaii  
**Contractor:** TBD

**SC-01 INTERCHANGEABLE TERMS**

The following terms are one and the same:

- a. “Contract” and “Agreement”.
- b. “Department of Hawaiian Home Lands” “Department” “DHHL” and “STATE”.

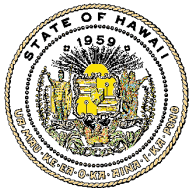
**SC-02 INSURANCE COVERAGE**

The CONTRACTOR shall obtain separate insurance coverage for this project that complies with the requirements set forth in the DHHL Construction General Conditions, Article 7, Section 7.3, as amended. Payment for all work required to comply with this item will not be paid for separately but shall be considered incidental to the various contract items.

CONTRACTOR shall maintain insurance acceptable to the STATE in full force and effect throughout the term of this Contract. The policies of insurance maintained by CONTRACTOR shall provide the following minimum coverage:

<u>Coverage</u>	<u>Limit</u>
<b>General Liability Insurance</b> (occurrence form)	Bodily Injury and Property Damage (combined single limit): <u>\$1,000,000</u> per occurrence and <u>\$2,000,000</u> aggregate  Personal Injury: <u>\$1,000,000</u> per occurrence and <u>\$2,000,000</u> aggregate
<b>Automobile Insurance</b> (covering all owned, non-owned and hired automobiles)	Bodily Injury: <u>\$1,000,000</u> per person and <u>\$1,000,000</u> per occurrence.  Property Damage: <u>\$1,000,000</u> per accident or combined single limit of <u>\$2,000,000</u> .
<b>Workers Compensation</b> (statutory limit is required by laws of the State of Hawaii)	Insurance to include Employer’s Liability. Both such coverages shall apply to all employees of the CONTRACTOR and, in case any sub-contractor fails to provide adequate similar protection for all his employees, to all employees of subcontractors.
<b>Builder’s Risk covering the CONTRACTOR and all subcontractors</b>	100% Replacement Value
<b>Fire and extended coverage</b>	100% Replacement Value





## STATE OF HAWAII

### SPECIAL CONDITIONS

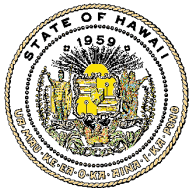
<b>Malicious Mischief</b>	100% Replacement Value
<b>Flood Insurance</b> , if applicable	Maximum Coverage available

- a. The State of Hawaii, Department of Hawaiian Home Lands, its elected and appointed officials, officers, employees, and agents shall be named as additional insured with respect to operations, services or products provided to the State of Hawaii. CONTRACTOR agrees to provide to the DHHL, before the effective date of the Contract, certificate(s) of insurance necessary to evidence compliance with insurance provisions of this Contract. CONTRACTOR shall keep such insurance in effect and the certificate(s) on deposit with DHHL during the entire term of this Contract. Upon request by the STATE, CONTRACTOR shall furnish a copy of the policy or policies.
- b. Failure of CONTRACTOR to provide and keep in force such insurance shall be regarded as a material default under this Contract. The STATE shall be entitled to exercise any or all of the remedies provided in this Contract for default of CONTRACTOR.
- c. The procuring of such required policy or policies of insurance shall not be construed to limit CONTRACTOR's liability under this Contract or to fulfill the indemnification provisions and requirements of this Contract. Notwithstanding said policy or policies of insurance, CONTRACTOR shall be obliged for the full and total amount of any damage, injury, or loss caused by negligence or neglect connected with this Contract.
- d. CONTRACTOR shall immediately provide written notice to the contracting department or agency should any of the insurance policies evidenced on its Certificate of Insurance form be cancelled, limited in scope, or not renewed upon expiration.
- e. DHHL is a self insured State agency. CONTRACTOR's insurance shall be primary. Any insurance maintained by the State of Hawaii shall apply in excess of, and shall not contribute with, insurance provided by CONTRACTOR.
- f. The CONTRACTOR shall require all subcontractors to have in full force and effect the same insurance coverage as required of the CONTRACTOR. Such insurance shall name the State of Hawaii, Department of Hawaiian Home Lands, its elected and appointed officials, officers, employees, and agents as additional insured with respect to operations, services or products provided to the State of Hawaii. The CONTRACTOR shall be responsible to enforce its subcontractors' compliance with these insurance requirements and CONTRACTOR shall, upon request, provide the STATE a copy of the policy or policies of insurance for any subcontractor.

#### SC-03 COMPLETION SCHEDULE AND LIQUIDATED DAMAGES

The Contractor shall enter into a contract for furnishing services for a three (3) year period commencing on the date specified on Notice to Proceed issued by the STATE.





## STATE OF HAWAII

### SPECIAL CONDITIONS

Unless terminated, contract shall be extended for not more than two (2) additional twelve-month period or portions thereof, without the necessity of rebidding, upon mutual agreement in writing, at least sixty (60) days prior to expiration.

The Contractor or the State may terminate the extended contract period at any time upon three (3) months prior written notice.

#### **SC-04 PROCESS THROUGH DHHL**

Any and all submittals, reports, requests, claims and notices under the contract shall be processed through Land Development Division Richard Speer Project Manager, at Hale Kalanianaʻole, 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707.

#### **SC-05 ALLOWANCES**

The proposal may contain payment items designated as allowances. Funds listed in allowance items are to be spent at the direction of DHHL. The allowance is an estimate only and is subject to increase or decrease depending on the actual cost of the item. The funds are for the direct costs of an item and all pricing, submittal and review, overhead, installation, profit, insurance, surety, processing of the issuance of checks for payment to other parties, and all other costs will be included. No payment will be made for incidental costs.

Allowances specifically set aside for construction work and materials will be negotiated when the scope of work is determined. Any unspent allowance costs will be deducted from the contract by change order prior to final payment.

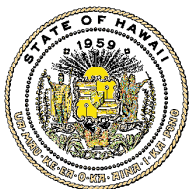
#### **SC-06 CONTRACTOR'S LICENSING**

It is the CONTRACTOR's sole responsibility to review the requirements of this project and determine the appropriate contractor's licenses that are required to complete the project. If the CONTRACTOR does not hold all of the licenses required to perform a particular item of work on this project with its own workers, when bidding, he must list subcontractors that hold the appropriate licenses in its proposal.

#### **SC-07 WATER CHARGES AND REQUIREMENTS**

The CONTRACTOR shall be solely responsible for obtaining water to meet any requirements of the contract. Unless otherwise indicated or provided for, any work, costs, charges and fees necessary to obtain water for this contract shall not be paid for separately but shall be considered incidental to the various contract items; no separate or additional payment will be made therefore.





## STATE OF HAWAII

### SPECIAL CONDITIONS

#### SC-08: OFFERER QUALIFICATIONS

In addition to meeting legal and other requirements of this IFB, offeror must meet these bidder qualification requirements to be considered for award:

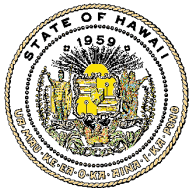
1. The Offeror shall have a minimum of five (5) consecutive years of experience at the time of bid opening in the operations and maintenance of domestic water systems. Offeror shall submit with offer, documented operations and maintenance and repair experience to substantiate 5 consecutive years of experience requirement.
2. Offeror must possess the necessary business and tax licenses to conduct business in the State of Hawaii.
3. Offeror, or, Offeror's subcontractor performing plumbing services, shall have at the time of bid submittal, current C-37 contractor license or C-37d and C-37e contractor licenses issued by the Department of Commerce and Consumer Affairs (DCCA) pursuant to Chapter 444, HRS. In addition, plumber mechanics of the Offeror or its subcontractor who will be physically performing plumbing work shall possess a Chapter 448E, HRS, journey worker or master plumber license issued by the DCCA at the time of bid submittal. Questions as to the procedures for obtaining and registering for such licenses should be addressed to:

DCCA, Division of Professional and Vocational Licensing  
Princess Victoria Kamamalu Building  
1010 Richards Street, 1<sup>st</sup> and 17<sup>th</sup> Floor  
Honolulu, Hawaii 96813  
Phone: (808) 586-3000  
E-mail: <http://www.state.hi.us/dcca/pvl/contact.html>

On the appropriate Bid Offer Form page, Offeror shall list its company name or its subcontractor's name along with the type(s) of HRS Chapter 444 Contractor license(s) and number(s). Offeror shall also list the name(s) of the plumber mechanic(s) who will physically perform the plumbing work and the HRS Chapter 448E license number(s). Copies of the licenses shall be submitted to the State within five (5) working days upon request. Failure to provide current licenses upon request shall result in rejection of bid.

4. The Contractor shall have a service facility on the island of Maui where servicing and repair of equipment will be performed. The State shall have access to Contractor's personnel via telephone 24 hours a day, seven (7) days a week, who shall respond to complaints or emergency service requests. This information shall be provided on the appropriate Bid Offer Form page. Contractor must be able to respond to emergencies within one hour of notification.





## STATE OF HAWAII

### SPECIAL CONDITIONS

If the Offeror does not have a facility on the island of Maui, arrangements shall be made with a company on the island to provide the State with repair services. Offeror shall provide the name and address of this facility in the space provided on the appropriate Bid Offer Form page. The State reserves the right to inspect the designated service facility to determine acceptability under this requirement. Failure on the part of the bidder to meet this requirement shall result in rejection of bid.

#### **SC-09: CERTIFICATION OF INDEPENDENT COST DETERMINATION**

By submission of a bid in response to this RFQ, bidder certifies as follows:

1. The costs in this RFQ have been arrived at independently, without consultation, communication, or agreement with any other bidder, as to any matter relating to such costs for the purpose of restricting competition.
2. Unless otherwise required by law, the cost which have been quoted in this RFQ have not been knowingly disclosed by the bidder prior to award, directly or indirectly, to any other bidder or competitor prior to the award of the contract.
3. No other attempt has been made or will be made by the bidder to indicate any other person or firm to submit or not to submit for the purpose of restricting competition.

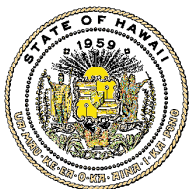
#### **SC-10: SITE INSPECTION**

Prior to submittal of an offer, Offerors may inspect the location to thoroughly familiarize themselves with existing conditions, rules and regulations, and the extent and nature of work to be performed. Offeror inspection is not mandatory, however, submission of an offer shall be evidence that the Offeror understands the scope of the project and shall comply with specifications herein, if awarded the contract. No additional compensation, subsequent to bid opening, shall be allowed by reason of any misunderstanding or error regarding site conditions or work to be performed.

#### **SC-11: INQUIRIES**

All inquiries regarding any item in this IFB shall be in writing and received by Richard Speer, Land Development Division by August 28, 2017, 2:00 pm (HST). Only those written inquiries received by the deadline shall be responded to. An addendum shall be issued to provide offerors with a list of inquiries and responses. The State's responses shall not be constructed to make any changes to the IFB unless otherwise revised by an addendum. It is the responsibility of the potential bidder to check the DHHL website for





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any addenda published.

**SC-12: STATUTORY REQUIREMENTS OF SECTION 103-55, HRS**

Offeror shall complete and submit the attached wage certification by which offeror certifies that the services required will be performed pursuant to Section 103-55, HRS, as amended. Offerors are advised that Section 103-55, HRS, provides that the services to be performed shall be performed by employees paid at wages not less than wages paid to public officers and employees for similar work. Offerors are further advised that in the event of an increase in wage rates to public employees performing similar work during the contract period, Contractor will be obliged to provide wages no less than those increase wages.

Contractor shall be further obliged to notify its employees performing work under this contract of the provisions of Section 103-55, HRS, and of the current wage rate for public employees performing similar work. Contractor may meet this obligation by posting a notice to this effect in the Contractor's place of business accessible to all employees, or Contractor may include such notice with each paycheck or pay envelope furnished to the employee.

To assist the Offeror in determining whether the work his employees are to perform under this contract is similar to that performed by public employees, attached are class specifications for State positions. Effective 4/1/2016, the basic hourly wages paid to the State positions are as follows:

Wastewater Treatment Plant Operator

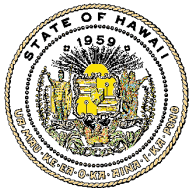
<b>Grade</b>	<b>Effective 4/1/2016</b>	<b>Effective 10/1/2016</b>	<b>Effective 4/1/2017</b>
Grade III (BU 01/BC 12)	\$26.95	\$27.48	\$28.03

Accordingly, Offeror should consider the aforementioned wage rates when preparing his/her quote.

**SC-13: PRICE ADJUSTMENT DUE TO WAGE INCREASE TO STATE EMPLOYEES**

At the release of this IFB, only the current wages of State employees performing similar work are known. Should their wages increase during any period of the contract, including supplements, the Contractor may request for increase in contract price if the current wages paid for similar positions are lower than wages paid to State employees. The increase requested must result in increase in wages to the Contractor's employees performing the work, herein, including any increase in cost for benefits required by law that are automatically increase as a result of increased wages, such as federal old age benefits, workers' compensation, temporary disability insurance, unemployment insurance, and prepaid public health insurance.





## STATE OF HAWAII

### SPECIAL CONDITIONS

Contractor's request for increase must meet the following criteria:

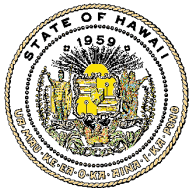
1. At the time of a request, Contractor must provide documentation to show that he is in compliance with Section 103-55, HRS, i.e., its employees are being paid no less than the known wage of the State position listed herein. Documentation shall include the employees' payroll records and a statement that the employees are being utilized for this contract.
2. At the time of bidding, the Contractor must have specified on the appropriate Bid Offer Form page, the percentage of the unit bid price that represents labor costs. If the Contractor fails to specify the percentage, the Contractor's request for increase will not be considered.
3. Request for increase must be made in writing to DHHL on a timely basis.
  - a. Request for increase for the initial contract period must be made as soon as practicable after the State wage agreements are made public. Approved request will be retroactive to the date of increase for the State employee.
  - b. Request for increase for a supplemental period of the contract must be made prior to the start of the supplement. Contractor should call the Project manager to obtain the current wage information.
4. Contract price adjustment shall be considered:
  - a. Only upon request by the Contractor accompanied by proof satisfactory to the State that its employees have been paid comparable wages to State employees; and
  - b. Only if there is a wage increase to public employees performing comparable work; and
  - c. Only for the contract period in which the price adjustment request is submitted (current contract period only).

Example:

Original contract period:	March 7, 2003 to March 6, 2004
Extension period:	March 7, 2004 to March 6, 2005

The option to extend the original contract is exercised for the period March 7, 2004 to March 6, 2005. On March 1, 2005, the State announces a pay raise retroactive to July 1, 2003 and the Contractor soon thereafter submits a request of modification accompanied by acceptable documentation. A contract modification is issued to reflect a price adjustment for the current period of the contract, March





## STATE OF HAWAII

### SPECIAL CONDITIONS

7, 2004 to March 6, 2005. Note that the price adjustment is not applied retroactively to July 1, 2003 since the condition of this contract allows price adjustment to the current contract period only.

5. Price adjustment based on the actual dollar increase per hour per State employee shall be calculated as follows:

- a. Bid Price/Hr/Officer (A)                      =(A) for example = \$15/hr
- b. Current Hourly Wage Rate (B)              =(B) for example = \$11/hr
- c. New Hourly Wage Rate paid =(C) for example = \$11.50/hr
- d. Hourly Wage Increase to  
State employees (D)                      =(D) for example = \$0.50/hr
- e. Adjusted Bid Price/Hr/Officer (E)        =(A) + (D), or  
\$15.00 + \$0.50 = \$15.50/hr

6. In addition to the actual dollar amount of wage increase, Contractor may apply for the percentage (5) fringe benefits required by Statute. However, the resulting fringe benefit percentage shall only consider those benefits that are required by contract and are directly affected by the wage increase.

If request includes adjustment for wage related fringe benefits, Contractor must provide support documentation and an itemized percentage breakdown of the fringe benefits being paid.

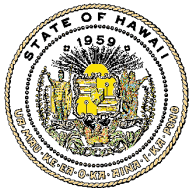
The State has determined that the applicable fringe benefits for wage related price adjustment shall be limited to: 1) Federal Old Age Benefits, 2) Workers Compensation, 3) Temporary Disability Insurance, and 4) Unemployment Insurance. Based on past experience it has been determined that the percentage increase be set at 16%. If Contractor is able to document that the percent for fringe is higher than 16%, the State will review and consider Contractor's claim.

The following method of calculation shall be applied for the fringe benefits:

- a. 16% for Allowable Fringe Benefits
  - b. \$ Adjusted for Allowable Fringe Benefits (F) = (D) x (.16) = F, or \$0.50 x .16 = \$.08 = \$15.58
7. After the contract modification for the increase is issued by the State, but before payment of an increase is made on the portion of the current contract period already performed, the Contractor shall show proof that its employees were given the retroactive wage increase.

The increase shall be reflected in either a contract modification or in the supplemental agreement issued for any extended period of the initial contract.





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### SPECIAL CONDITIONS

**SC-14: ACCEPTANCE OF OFFER**

Acceptance of Offeror, if any, will be made within sixty (60) calendar days after the opening of Offerors, and the prices quoted by the Offeror shall remain firm for the sixty-day period or a longer period as may be allowed upon mutual agreement of the parties.

**SC-15: NOTICE TO PROCEED**

Work will commence on the official commencement date specified on the Notice to Proceed.

No work is to be undertaken by the Contractor prior to the official commencement date on the Notice to Proceed. The State is not liable for any work, contract, costs, expenses, loss of profits, or any damage whatsoever incurred by the Contractor prior to the work start date.

**SC-16: SURETY BOND**

A surety bond will not be required for the maintenance portion of this contract. However, during the contract period, if major repairs are needed a surety bond will be required for the repair work.

**SC-17: PROCESSING AND REVIEW OF WORK**

All work submittals, reports, requests, claims and notices under the contract shall be processed by the Contractor and shall be subject to review and approval of the Project Manager or his designated representative.

**SC-18: INSPECTION**

The State retains the general right of inspection by a designated representative in order to judge, whether in the State's opinion, such work is being performed by the Contractor in accordance with terms of this bid proposal.

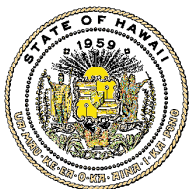
**SC-19: INVOICING**

Invoices shall be payable upon certification by the Project Manager that the Contractor has satisfactorily performed the required services.

Contractor shall submit original and three copies of the invoice to the following address:

State of Hawaii  
Department of Hawaiian Home Lands  
Mr. Richard Speer, Project Manager





**STATE OF HAWAII**  
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91-5420 Kapolei Parkway  
Kapolei, Hawaii 96707

Invoice shall reference both the contract number and the IFB number.

A tax clearance certificate, not over two months old, with an original green certified copy stamp, must accompany the invoice for final payment on the contract. In addition to the tax clearance certificate, an original “Certification of Compliance for Final Payment” (SPO Form-22), attached, will be required for final payment. A copy of the form is also available at [www.spo.hawaii.gov](http://www.spo.hawaii.gov). Select “Forms for Vendors/Contractors” from the Procurement of Goods, Services, & Construction – Chapter 103D, HRS, menu. Alternately, a “Certificate of Vendor Compliance,” issued through the Hawaii Compliance Express system, shall be acceptable for final payment requirements.

For emergency services or extra work approved by the Project Manager, a separate detailed invoice is required. Invoices shall contain a description of the work done, the amount and purchase order number authorizing the work. The Contractor shall also submit copies of material invoices and labor time sheets to substantiate parts and service charges to the State.

**SC-20: PAYMENT**

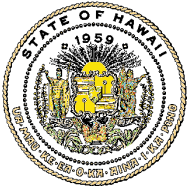
Section 103-10, HRS, provides that the State shall have thirty (30) calendar days after receipt of invoice or satisfactory completion of contract to make payment. For this reason, the State will reject any bid submitted with a condition requiring payment within a shorter period. Further, the State will reject any bid submitted with a condition requiring interest payments greater than that allowed by §103-10, HRS, as amended.

The State will not recognize any requirement established by the Contractor and communicated to the State after award of the contract, which requires payment within a shorter period or interest payment not in conformance with statute.

**SC-21: CAMPAIGN CONTRIBUTIONS BY STATE AND COUNTY CONTRACTORS**

Contractors are hereby notified of the applicability of Section 11-355, HRS, which states that campaign contributions from specified State or County government contractors during the term of the contract if the contractors are paid with funds appropriated by a legislative body.





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**SC-22: STATE GENERAL EXCISE TAX**

This project is not exempt from the State of Hawaii General Excise Tax. The CONTRACTOR's prices shall include the General Excise Tax for all work.



## GENERAL CONDITIONS

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## GENERAL CONDITIONS

1. Coordination of Services by the STATE. The head of the purchasing agency ("HOPA") (which term includes the designee of the HOPA) shall coordinate the services to be provided by the CONTRACTOR in order to complete the performance required in the Contract. The CONTRACTOR shall maintain communications with HOPA at all stages of the CONTRACTOR'S work, and submit to HOPA for resolution any questions which may arise as to the performance of this Contract. "Purchasing agency" as used in these General Conditions means and includes any governmental body which is authorized under chapter 103D, HRS, or its implementing rules and procedures, or by way of delegation, to enter into contracts for the procurement of goods or services or both.
2. Relationship of Parties: Independent Contractor Status and Responsibilities, Including Tax Responsibilities.
  - a. In the performance of services required under this Contract, the CONTRACTOR is an "independent contractor," with the authority and responsibility to control and direct the performance and details of the work and services required under this Contract; however, the STATE shall have a general right to inspect work in progress to determine whether, in the STATE'S opinion, the services are being performed by the CONTRACTOR in compliance with this Contract. Unless otherwise provided by special condition, it is understood that the STATE does not agree to use the CONTRACTOR exclusively, and that the CONTRACTOR is free to contract to provide services to other individuals or entities while under contract with the STATE.
  - b. The CONTRACTOR and the CONTRACTOR'S employees and agents are not by reason of this Contract, agents or employees of the State for any purpose, and the CONTRACTOR and the CONTRACTOR'S employees and agents shall not be entitled to claim or receive from the State any vacation, sick leave, retirement, workers' compensation, unemployment insurance, or other benefits provided to state employees.
  - c. The CONTRACTOR shall be responsible for the accuracy, completeness, and adequacy of the CONTRACTOR'S performance under this Contract. Furthermore, the CONTRACTOR intentionally, voluntarily, and knowingly assumes the sole and entire liability to the CONTRACTOR'S employees and agents, and to any individual not a party to this Contract, for all loss, damage, or injury caused by the CONTRACTOR, or the CONTRACTOR'S employees or agents in the course of their employment.
  - d. The CONTRACTOR shall be responsible for payment of all applicable federal, state, and county taxes and fees which may become due and owing by the CONTRACTOR by reason of this Contract, including but not limited to (i) income taxes, (ii) employment related fees, assessments, and taxes, and (iii) general excise taxes. The CONTRACTOR also is responsible for obtaining all licenses, permits, and certificates that may be required in order to perform this Contract.
  - e. The CONTRACTOR shall obtain a general excise tax license from the Department of Taxation, State of Hawaii, in accordance with section 237-9, HRS, and shall comply with all requirements thereof. The CONTRACTOR shall obtain a tax clearance certificate from the Director of Taxation, State of Hawaii, and the Internal Revenue Service, U.S. Department of the Treasury, showing that all delinquent taxes, if any, levied or accrued under state law and the Internal Revenue Code of 1986, as amended, against the CONTRACTOR have been paid and submit the same to the STATE prior to commencing any performance under this Contract. The CONTRACTOR shall also be solely responsible for meeting all requirements necessary to obtain the tax clearance certificate required for final payment under sections 103-53 and 103D-328, HRS, and paragraph 17 of these General Conditions.
  - f. The CONTRACTOR is responsible for securing all employee-related insurance coverage for the CONTRACTOR and the CONTRACTOR'S employees and agents that is or may be required by law, and for payment of all premiums, costs, and other liabilities associated with securing the insurance coverage.



- g. The CONTRACTOR shall obtain a certificate of compliance issued by the Department of Labor and Industrial Relations, State of Hawaii, in accordance with section 103D-310, HRS, and section 3-122-112, HAR, that is current within six months of the date of issuance.
- h. The CONTRACTOR shall obtain a certificate of good standing issued by the Department of Commerce and Consumer Affairs, State of Hawaii, in accordance with section 103D-310, HRS, and section 3-122-112, HAR, that is current within six months of the date of issuance.
- i. In lieu of the above certificates from the Department of Taxation, Labor and Industrial Relations, and Commerce and Consumer Affairs, the CONTRACTOR may submit proof of compliance through the State Procurement Office's designated certification process.

3. Personnel Requirements.

- a. The CONTRACTOR shall secure, at the CONTRACTOR'S own expense, all personnel required to perform this Contract.
- b. The CONTRACTOR shall ensure that the CONTRACTOR'S employees or agents are experienced and fully qualified to engage in the activities and perform the services required under this Contract, and that all applicable licensing and operating requirements imposed or required under federal, state, or county law, and all applicable accreditation and other standards of quality generally accepted in the field of the activities of such employees and agents are complied with and satisfied.

4. Nondiscrimination. No person performing work under this Contract, including any subcontractor, employee, or agent of the CONTRACTOR, shall engage in any discrimination that is prohibited by any applicable federal, state, or county law.

5. Conflicts of Interest. The CONTRACTOR represents that neither the CONTRACTOR, nor any employee or agent of the CONTRACTOR, presently has any interest, and promises that no such interest, direct or indirect, shall be acquired, that would or might conflict in any manner or degree with the CONTRACTOR'S performance under this Contract.

6. Subcontracts and Assignments. The CONTRACTOR shall not assign or subcontract any of the CONTRACTOR'S duties, obligations, or interests under this Contract and no such assignment or subcontract shall be effective unless (i) the CONTRACTOR obtains the prior written consent of the STATE, and (ii) the CONTRACTOR'S assignee or subcontractor submits to the STATE a tax clearance certificate from the Director of Taxation, State of Hawaii, and the Internal Revenue Service, U.S. Department of Treasury, showing that all delinquent taxes, if any, levied or accrued under state law and the Internal Revenue Code of 1986, as amended, against the CONTRACTOR'S assignee or subcontractor have been paid. Additionally, no assignment by the CONTRACTOR of the CONTRACTOR'S right to compensation under this Contract shall be effective unless and until the assignment is approved by the Comptroller of the State of Hawaii, as provided in section 40-58, HRS.

- a. Recognition of a successor in interest. When in the best interest of the State, a successor in interest may be recognized in an assignment contract in which the STATE, the CONTRACTOR and the assignee or transferee (hereinafter referred to as the "Assignee") agree that:

- (1) The Assignee assumes all of the CONTRACTOR'S obligations;
- (2) The CONTRACTOR remains liable for all obligations under this Contract but waives all rights under this Contract as against the STATE; and
- (3) The CONTRACTOR shall continue to furnish, and the Assignee shall also furnish, all required bonds.

- b. Change of name. When the CONTRACTOR asks to change the name in which it holds this Contract with the STATE, the procurement officer of the purchasing agency (hereinafter referred to as the "Agency procurement officer") shall, upon receipt of a document acceptable or satisfactory to the



Agency procurement officer indicating such change of name (for example, an amendment to the CONTRACTOR'S articles of incorporation), enter into an amendment to this Contract with the CONTRACTOR to effect such a change of name. The amendment to this Contract changing the CONTRACTOR'S name shall specifically indicate that no other terms and conditions of this Contract are thereby changed.

- c. Reports. All assignment contracts and amendments to this Contract effecting changes of the CONTRACTOR'S name or novations hereunder shall be reported to the chief procurement officer (CPO) as defined in section 103D-203(a), HRS, within thirty days of the date that the assignment contract or amendment becomes effective.
  - d. Actions affecting more than one purchasing agency. Notwithstanding the provisions of subparagraphs 6a through 6c herein, when the CONTRACTOR holds contracts with more than one purchasing agency of the State, the assignment contracts and the novation and change of name amendments herein authorized shall be processed only through the CPO's office.
7. Indemnification and Defense. The CONTRACTOR shall defend, indemnify, and hold harmless the State of Hawaii, the contracting agency, and their officers, employees, and agents from and against all liability, loss, damage, cost, and expense, including all attorneys' fees, and all claims, suits, and demands therefore, arising out of or resulting from the acts or omissions of the CONTRACTOR or the CONTRACTOR'S employees, officers, agents, or subcontractors under this Contract. The provisions of this paragraph shall remain in full force and effect notwithstanding the expiration or early termination of this Contract.
  8. Cost of Litigation. In case the STATE shall, without any fault on its part, be made a party to any litigation commenced by or against the CONTRACTOR in connection with this Contract, the CONTRACTOR shall pay all costs and expenses incurred by or imposed on the STATE, including attorneys' fees.
  9. Liquidated Damages. When the CONTRACTOR is given notice of delay or nonperformance as specified in paragraph 13 (Termination for Default) and fails to cure in the time specified, it is agreed the CONTRACTOR shall pay to the STATE the amount, if any, set forth in this Contract per calendar day from the date set for cure until either (i) the STATE reasonably obtains similar goods or services, or both, if the CONTRACTOR is terminated for default, or (ii) until the CONTRACTOR provides the goods or services, or both, if the CONTRACTOR is not terminated for default. To the extent that the CONTRACTOR'S delay or nonperformance is excused under paragraph 13d (Excuse for Nonperformance or Delay Performance), liquidated damages shall not be assessable against the CONTRACTOR. The CONTRACTOR remains liable for damages caused other than by delay.
  10. STATE'S Right of Offset. The STATE may offset against any monies or other obligations the STATE owes to the CONTRACTOR under this Contract, any amounts owed to the State of Hawaii by the CONTRACTOR under this Contract or any other contracts, or pursuant to any law or other obligation owed to the State of Hawaii by the CONTRACTOR, including, without limitation, the payment of any taxes or levies of any kind or nature. The STATE will notify the CONTRACTOR in writing of any offset and the nature of such offset. For purposes of this paragraph, amounts owed to the State of Hawaii shall not include debts or obligations which have been liquidated, agreed to by the CONTRACTOR, and are covered by an installment payment or other settlement plan approved by the State of Hawaii, provided, however, that the CONTRACTOR shall be entitled to such exclusion only to the extent that the CONTRACTOR is current with, and not delinquent on, any payments or obligations owed to the State of Hawaii under such payment or other settlement plan.
  11. Disputes. Disputes shall be resolved in accordance with section 103D-703, HRS, and chapter 3-126, Hawaii Administrative Rules ("HAR"), as the same may be amended from time to time.
  12. Suspension of Contract. The STATE reserves the right at any time and for any reason to suspend this Contract for any reasonable period, upon written notice to the CONTRACTOR in accordance with the provisions herein.
    - a. Order to stop performance. The Agency procurement officer may, by written order to the CONTRACTOR, at any time, and without notice to any surety, require the CONTRACTOR to stop all or any part of the performance called for by this Contract. This order shall be for a specified



period not exceeding sixty (60) days after the order is delivered to the CONTRACTOR, unless the parties agree to any further period. Any such order shall be identified specifically as a stop performance order issued pursuant to this section. Stop performance orders shall include, as appropriate: (1) A clear description of the work to be suspended; (2) Instructions as to the issuance of further orders by the CONTRACTOR for material or services; (3) Guidance as to action to be taken on subcontracts; and (4) Other instructions and suggestions to the CONTRACTOR for minimizing costs. Upon receipt of such an order, the CONTRACTOR shall forthwith comply with its terms and suspend all performance under this Contract at the time stated, provided, however, the CONTRACTOR shall take all reasonable steps to minimize the occurrence of costs allocable to the performance covered by the order during the period of performance stoppage. Before the stop performance order expires, or within any further period to which the parties shall have agreed, the Agency procurement officer shall either:

- (1) Cancel the stop performance order; or
  - (2) Terminate the performance covered by such order as provided in the termination for default provision or the termination for convenience provision of this Contract.
- b. Cancellation or expiration of the order. If a stop performance order issued under this section is cancelled at any time during the period specified in the order, or if the period of the order or any extension thereof expires, the CONTRACTOR shall have the right to resume performance. An appropriate adjustment shall be made in the delivery schedule or contract price, or both, and the Contract shall be modified in writing accordingly, if:
- (1) The stop performance order results in an increase in the time required for, or in the CONTRACTOR'S cost properly allocable to, the performance of any part of this Contract; and
  - (2) The CONTRACTOR asserts a claim for such an adjustment within thirty (30) days after the end of the period of performance stoppage; provided that, if the Agency procurement officer decides that the facts justify such action, any such claim asserted may be received and acted upon at any time prior to final payment under this Contract.
- c. Termination of stopped performance. If a stop performance order is not cancelled and the performance covered by such order is terminated for default or convenience, the reasonable costs resulting from the stop performance order shall be allowable by adjustment or otherwise.
- d. Adjustment of price. Any adjustment in contract price made pursuant to this paragraph shall be determined in accordance with the price adjustment provision of this Contract.

### 13. Termination for Default.

- a. Default. If the CONTRACTOR refuses or fails to perform any of the provisions of this Contract with such diligence as will ensure its completion within the time specified in this Contract, or any extension thereof, otherwise fails to timely satisfy the Contract provisions, or commits any other substantial breach of this Contract, the Agency procurement officer may notify the CONTRACTOR in writing of the delay or non-performance and if not cured in ten (10) days or any longer time specified in writing by the Agency procurement officer, such officer may terminate the CONTRACTOR'S right to proceed with the Contract or such part of the Contract as to which there has been delay or a failure to properly perform. In the event of termination in whole or in part, the Agency procurement officer may procure similar goods or services in a manner and upon the terms deemed appropriate by the Agency procurement officer. The CONTRACTOR shall continue performance of the Contract to the extent it is not terminated and shall be liable for excess costs incurred in procuring similar goods or services.
- b. CONTRACTOR'S duties. Notwithstanding termination of the Contract and subject to any directions from the Agency procurement officer, the CONTRACTOR shall take timely, reasonable, and



necessary action to protect and preserve property in the possession of the CONTRACTOR in which the STATE has an interest.

- c. Compensation. Payment for completed goods and services delivered and accepted by the STATE shall be at the price set forth in the Contract. Payment for the protection and preservation of property shall be in an amount agreed upon by the CONTRACTOR and the Agency procurement officer. If the parties fail to agree, the Agency procurement officer shall set an amount subject to the CONTRACTOR'S rights under chapter 3-126, HAR. The STATE may withhold from amounts due the CONTRACTOR such sums as the Agency procurement officer deems to be necessary to protect the STATE against loss because of outstanding liens or claims and to reimburse the STATE for the excess costs expected to be incurred by the STATE in procuring similar goods and services.
- d. Excuse for nonperformance or delayed performance. The CONTRACTOR shall not be in default by reason of any failure in performance of this Contract in accordance with its terms, including any failure by the CONTRACTOR to make progress in the prosecution of the performance hereunder which endangers such performance, if the CONTRACTOR has notified the Agency procurement officer within fifteen (15) days after the cause of the delay and the failure arises out of causes such as: acts of God; acts of a public enemy; acts of the State and any other governmental body in its sovereign or contractual capacity; fires; floods; epidemics; quarantine restrictions; strikes or other labor disputes; freight embargoes; or unusually severe weather. If the failure to perform is caused by the failure of a subcontractor to perform or to make progress, and if such failure arises out of causes similar to those set forth above, the CONTRACTOR shall not be deemed to be in default, unless the goods and services to be furnished by the subcontractor were reasonably obtainable from other sources in sufficient time to permit the CONTRACTOR to meet the requirements of the Contract. Upon request of the CONTRACTOR, the Agency procurement officer shall ascertain the facts and extent of such failure, and, if such officer determines that any failure to perform was occasioned by any one or more of the excusable causes, and that, but for the excusable cause, the CONTRACTOR'S progress and performance would have met the terms of the Contract, the delivery schedule shall be revised accordingly, subject to the rights of the STATE under this Contract. As used in this paragraph, the term "subcontractor" means subcontractor at any tier.
- e. Erroneous termination for default. If, after notice of termination of the CONTRACTOR'S right to proceed under this paragraph, it is determined for any reason that the CONTRACTOR was not in default under this paragraph, or that the delay was excusable under the provisions of subparagraph 13d, "Excuse for nonperformance or delayed performance," the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to paragraph 14.
- f. Additional rights and remedies. The rights and remedies provided in this paragraph are in addition to any other rights and remedies provided by law or under this Contract.

14. Termination for Convenience.

- a. Termination. The Agency procurement officer may, when the interests of the STATE so require, terminate this Contract in whole or in part, for the convenience of the STATE. The Agency procurement officer shall give written notice of the termination to the CONTRACTOR specifying the part of the Contract terminated and when termination becomes effective.
- b. CONTRACTOR'S obligations. The CONTRACTOR shall incur no further obligations in connection with the terminated performance and on the date(s) set in the notice of termination the CONTRACTOR will stop performance to the extent specified. The CONTRACTOR shall also terminate outstanding orders and subcontracts as they relate to the terminated performance. The CONTRACTOR shall settle the liabilities and claims arising out of the termination of subcontracts and orders connected with the terminated performance subject to the STATE'S approval. The Agency procurement officer may direct the CONTRACTOR to assign the CONTRACTOR'S right, title, and interest under terminated orders or subcontracts to the STATE. The CONTRACTOR must still complete the performance not terminated by the notice of termination and may incur obligations as necessary to do so.



- c. Right to goods and work product. The Agency procurement officer may require the CONTRACTOR to transfer title and deliver to the STATE in the manner and to the extent directed by the Agency procurement officer:

- (1) Any completed goods or work product; and
- (2) The partially completed goods and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (hereinafter called "manufacturing material") as the CONTRACTOR has specifically produced or specially acquired for the performance of the terminated part of this Contract.

The CONTRACTOR shall, upon direction of the Agency procurement officer, protect and preserve property in the possession of the CONTRACTOR in which the STATE has an interest. If the Agency procurement officer does not exercise this right, the CONTRACTOR shall use best efforts to sell such goods and manufacturing materials. Use of this paragraph in no way implies that the STATE has breached the Contract by exercise of the termination for convenience provision.

- d. Compensation.

- (1) The CONTRACTOR shall submit a termination claim specifying the amounts due because of the termination for convenience together with the cost or pricing data, submitted to the extent required by chapter 3-122, HAR, bearing on such claim. If the CONTRACTOR fails to file a termination claim within one year from the effective date of termination, the Agency procurement officer may pay the CONTRACTOR, if at all, an amount set in accordance with subparagraph 14d(3) below.
- (2) The Agency procurement officer and the CONTRACTOR may agree to a settlement provided the CONTRACTOR has filed a termination claim supported by cost or pricing data submitted as required and that the settlement does not exceed the total Contract price plus settlement costs reduced by payments previously made by the STATE, the proceeds of any sales of goods and manufacturing materials under subparagraph 14c, and the Contract price of the performance not terminated.
- (3) Absent complete agreement under subparagraph 14d(2) the Agency procurement officer shall pay the CONTRACTOR the following amounts, provided payments agreed to under subparagraph 14d(2) shall not duplicate payments under this subparagraph for the following:
  - (A) Contract prices for goods or services accepted under the Contract;
  - (B) Costs incurred in preparing to perform and performing the terminated portion of the performance plus a fair and reasonable profit on such portion of the performance, such profit shall not include anticipatory profit or consequential damages, less amounts paid or to be paid for accepted goods or services; provided, however, that if it appears that the CONTRACTOR would have sustained a loss if the entire Contract would have been completed, no profit shall be allowed or included and the amount of compensation shall be reduced to reflect the anticipated rate of loss;
  - (C) Costs of settling and paying claims arising out of the termination of subcontracts or orders pursuant to subparagraph 14b. These costs must not include costs paid in accordance with subparagraph 14d(3)(B);
  - (D) The reasonable settlement costs of the CONTRACTOR, including accounting, legal, clerical, and other expenses reasonably necessary for the preparation of settlement claims and supporting data with respect to the terminated portion of the Contract and for the termination of subcontracts thereunder, together with reasonable storage, transportation, and other costs incurred in connection with the protection or disposition of property allocable to the terminated portion of this Contract. The total sum to be paid the CONTRACTOR under this subparagraph shall not exceed the



total Contract price plus the reasonable settlement costs of the CONTRACTOR reduced by the amount of payments otherwise made, the proceeds of any sales of supplies and manufacturing materials under subparagraph 14d(2), and the contract price of performance not terminated.

- (4) Costs claimed, agreed to, or established under subparagraphs 14d(2) and 14d(3) shall be in accordance with Chapter 3-123 (Cost Principles) of the Procurement Rules.

15. Claims Based on the Agency Procurement Officer's Actions or Omissions.

- a. Changes in scope. If any action or omission on the part of the Agency procurement officer (which term includes the designee of such officer for purposes of this paragraph 15) requiring performance changes within the scope of the Contract constitutes the basis for a claim by the CONTRACTOR for additional compensation, damages, or an extension of time for completion, the CONTRACTOR shall continue with performance of the Contract in compliance with the directions or orders of such officials, but by so doing, the CONTRACTOR shall not be deemed to have prejudiced any claim for additional compensation, damages, or an extension of time for completion; provided:

- (1) Written notice required. The CONTRACTOR shall give written notice to the Agency procurement officer:

- (A) Prior to the commencement of the performance involved, if at that time the CONTRACTOR knows of the occurrence of such action or omission;
- (B) Within thirty (30) days after the CONTRACTOR knows of the occurrence of such action or omission, if the CONTRACTOR did not have such knowledge prior to the commencement of the performance; or
- (C) Within such further time as may be allowed by the Agency procurement officer in writing.

- (2) Notice content. This notice shall state that the CONTRACTOR regards the act or omission as a reason which may entitle the CONTRACTOR to additional compensation, damages, or an extension of time. The Agency procurement officer, upon receipt of such notice, may rescind such action, remedy such omission, or take such other steps as may be deemed advisable in the discretion of the Agency procurement officer;

- (3) Basis must be explained. The notice required by subparagraph 15a(1) describes as clearly as practicable at the time the reasons why the CONTRACTOR believes that additional compensation, damages, or an extension of time may be remedies to which the CONTRACTOR is entitled; and

- (4) Claim must be justified. The CONTRACTOR must maintain and, upon request, make available to the Agency procurement officer within a reasonable time, detailed records to the extent practicable, and other documentation and evidence satisfactory to the STATE, justifying the claimed additional costs or an extension of time in connection with such changes.

- b. CONTRACTOR not excused. Nothing herein contained, however, shall excuse the CONTRACTOR from compliance with any rules or laws precluding any state officers and CONTRACTOR from acting in collusion or bad faith in issuing or performing change orders which are clearly not within the scope of the Contract.

- c. Price adjustment. Any adjustment in the price made pursuant to this paragraph shall be determined in accordance with the price adjustment provision of this Contract.

16. Costs and Expenses. Any reimbursement due the CONTRACTOR for per diem and transportation expenses under this Contract shall be subject to chapter 3-123 (Cost Principles), HAR, and the following guidelines:



- a. Reimbursement for air transportation shall be for actual cost or coach class air fare, whichever is less.
- b. Reimbursement for ground transportation costs shall not exceed the actual cost of renting an intermediate-sized vehicle.
- c. Unless prior written approval of the HOPA is obtained, reimbursement for subsistence allowance (i.e., hotel and meals, etc.) shall not exceed the applicable daily authorized rates for inter-island or out-of-state travel that are set forth in the current Governor's Executive Order authorizing adjustments in salaries and benefits for state officers and employees in the executive branch who are excluded from collective bargaining coverage.

17. Payment Procedures; Final Payment; Tax Clearance.

- a. Original invoices required. All payments under this Contract shall be made only upon submission by the CONTRACTOR of original invoices specifying the amount due and certifying that services requested under the Contract have been performed by the CONTRACTOR according to the Contract.
- b. Subject to available funds. Such payments are subject to availability of funds and allotment by the Director of Finance in accordance with chapter 37, HRS. Further, all payments shall be made in accordance with and subject to chapter 40, HRS.
- c. Prompt payment.
  - (1) Any money, other than retainage, paid to the CONTRACTOR shall be disbursed to subcontractors within ten (10) days after receipt of the money in accordance with the terms of the subcontract; provided that the subcontractor has met all the terms and conditions of the subcontract and there are no bona fide disputes; and
  - (2) Upon final payment to the CONTRACTOR, full payment to the subcontractor, including retainage, shall be made within ten (10) days after receipt of the money; provided that there are no bona fide disputes over the subcontractor's performance under the subcontract.
- d. Final payment. Final payment under this Contract shall be subject to sections 103-53 and 103D-328, HRS, which require a tax clearance from the Director of Taxation, State of Hawaii, and the Internal Revenue Service, U.S. Department of Treasury, showing that all delinquent taxes, if any, levied or accrued under state law and the Internal Revenue Code of 1986, as amended, against the CONTRACTOR have been paid. Further, in accordance with section 3-122-112, HAR, CONTRACTOR shall provide a certificate affirming that the CONTRACTOR has remained in compliance with all applicable laws as required by this section.

18. Federal Funds. If this Contract is payable in whole or in part from federal funds, CONTRACTOR agrees that, as to the portion of the compensation under this Contract to be payable from federal funds, the CONTRACTOR shall be paid only from such funds received from the federal government, and shall not be paid from any other funds. Failure of the STATE to receive anticipated federal funds shall not be considered a breach by the STATE or an excuse for nonperformance by the CONTRACTOR.

19. Modifications of Contract.

- a. In writing. Any modification, alteration, amendment, change, or extension of any term, provision, or condition of this Contract permitted by this Contract shall be made by written amendment to this Contract, signed by the CONTRACTOR and the STATE, provided that change orders shall be made in accordance with paragraph 20 herein.
- b. No oral modification. No oral modification, alteration, amendment, change, or extension of any term, provision, or condition of this Contract shall be permitted.



- c. Agency procurement officer. By written order, at any time, and without notice to any surety, the Agency procurement officer may unilaterally order of the CONTRACTOR:
    - (A) Changes in the work within the scope of the Contract; and
    - (B) Changes in the time of performance of the Contract that do not alter the scope of the Contract work.
  - d. Adjustments of price or time for performance. If any modification increases or decreases the CONTRACTOR'S cost of, or the time required for, performance of any part of the work under this Contract, an adjustment shall be made and this Contract modified in writing accordingly. Any adjustment in contract price made pursuant to this clause shall be determined, where applicable, in accordance with the price adjustment clause of this Contract or as negotiated.
  - e. Claim barred after final payment. No claim by the CONTRACTOR for an adjustment hereunder shall be allowed if written modification of the Contract is not made prior to final payment under this Contract.
  - f. Claims not barred. In the absence of a written contract modification, nothing in this clause shall be deemed to restrict the CONTRACTOR'S right to pursue a claim under this Contract or for a breach of contract.
  - g. Head of the purchasing agency approval. If this is a professional services contract awarded pursuant to section 103D-303 or 103D-304, HRS, any modification, alteration, amendment, change, or extension of any term, provision, or condition of this Contract which increases the amount payable to the CONTRACTOR by at least \$25,000.00 and ten per cent (10%) or more of the initial contract price, must receive the prior approval of the head of the purchasing agency.
  - h. Tax clearance. The STATE may, at its discretion, require the CONTRACTOR to submit to the STATE, prior to the STATE'S approval of any modification, alteration, amendment, change, or extension of any term, provision, or condition of this Contract, a tax clearance from the Director of Taxation, State of Hawaii, and the Internal Revenue Service, U.S. Department of Treasury, showing that all delinquent taxes, if any, levied or accrued under state law and the Internal Revenue Code of 1986, as amended, against the CONTRACTOR have been paid.
  - i. Sole source contracts. Amendments to sole source contracts that would change the original scope of the Contract may only be made with the approval of the CPO. Annual renewal of a sole source contract for services should not be submitted as an amendment.
20. Change Order. The Agency procurement officer may, by a written order signed only by the STATE, at any time, and without notice to any surety, and subject to all appropriate adjustments, make changes within the general scope of this Contract in any one or more of the following:
- (1) Drawings, designs, or specifications, if the goods or services to be furnished are to be specially provided to the STATE in accordance therewith;
  - (2) Method of delivery; or
  - (3) Place of delivery.
- a. Adjustments of price or time for performance. If any change order increases or decreases the CONTRACTOR'S cost of, or the time required for, performance of any part of the work under this Contract, whether or not changed by the order, an adjustment shall be made and the Contract modified in writing accordingly. Any adjustment in the Contract price made pursuant to this provision shall be determined in accordance with the price adjustment provision of this Contract. Failure of the parties to agree to an adjustment shall not excuse the CONTRACTOR from proceeding with the Contract as changed, provided that the Agency procurement officer promptly and duly makes the provisional adjustments in payment or time for performance as may be reasonable. By



proceeding with the work, the CONTRACTOR shall not be deemed to have prejudiced any claim for additional compensation, or any extension of time for completion.

- b. Time period for claim. Within ten (10) days after receipt of a written change order under subparagraph 20a, unless the period is extended by the Agency procurement officer in writing, the CONTRACTOR shall respond with a claim for an adjustment. The requirement for a timely written response by CONTRACTOR cannot be waived and shall be a condition precedent to the assertion of a claim.
- c. Claim barred after final payment. No claim by the CONTRACTOR for an adjustment hereunder shall be allowed if a written response is not given prior to final payment under this Contract.
- d. Other claims not barred. In the absence of a change order, nothing in this paragraph 20 shall be deemed to restrict the CONTRACTOR'S right to pursue a claim under the Contract or for breach of contract.

21. Price Adjustment.

- a. Price adjustment. Any adjustment in the contract price pursuant to a provision in this Contract shall be made in one or more of the following ways:
  - (1) By agreement on a fixed price adjustment before commencement of the pertinent performance or as soon thereafter as practicable;
  - (2) By unit prices specified in the Contract or subsequently agreed upon;
  - (3) By the costs attributable to the event or situation covered by the provision, plus appropriate profit or fee, all as specified in the Contract or subsequently agreed upon;
  - (4) In such other manner as the parties may mutually agree; or
  - (5) In the absence of agreement between the parties, by a unilateral determination by the Agency procurement officer of the costs attributable to the event or situation covered by the provision, plus appropriate profit or fee, all as computed by the Agency procurement officer in accordance with generally accepted accounting principles and applicable sections of chapters 3-123 and 3-126, HAR.
- b. Submission of cost or pricing data. The CONTRACTOR shall provide cost or pricing data for any price adjustments subject to the provisions of chapter 3-122, HAR.

22. Variation in Quantity for Definite Quantity Contracts. Upon the agreement of the STATE and the CONTRACTOR, the quantity of goods or services, or both, if a definite quantity is specified in this Contract, may be increased by a maximum of ten per cent (10%); provided the unit prices will remain the same except for any price adjustments otherwise applicable; and the Agency procurement officer makes a written determination that such an increase will either be more economical than awarding another contract or that it would not be practical to award another contract.

23. Changes in Cost-Reimbursement Contract. If this Contract is a cost-reimbursement contract, the following provisions shall apply:

- a. The Agency procurement officer may at any time by written order, and without notice to the sureties, if any, make changes within the general scope of the Contract in any one or more of the following:
  - (1) Description of performance (Attachment 1);
  - (2) Time of performance (i.e., hours of the day, days of the week, etc.);
  - (3) Place of performance of services;



- (4) Drawings, designs, or specifications when the supplies to be furnished are to be specially manufactured for the STATE in accordance with the drawings, designs, or specifications;
    - (5) Method of shipment or packing of supplies; or
    - (6) Place of delivery.
  - b. If any change causes an increase or decrease in the estimated cost of, or the time required for performance of, any part of the performance under this Contract, whether or not changed by the order, or otherwise affects any other terms and conditions of this Contract, the Agency procurement officer shall make an equitable adjustment in the (1) estimated cost, delivery or completion schedule, or both; (2) amount of any fixed fee; and (3) other affected terms and shall modify the Contract accordingly.
  - c. The CONTRACTOR must assert the CONTRACTOR'S rights to an adjustment under this provision within thirty (30) days from the day of receipt of the written order. However, if the Agency procurement officer decides that the facts justify it, the Agency procurement officer may receive and act upon a proposal submitted before final payment under the Contract.
  - d. Failure to agree to any adjustment shall be a dispute under paragraph 11 of this Contract. However, nothing in this provision shall excuse the CONTRACTOR from proceeding with the Contract as changed.
  - e. Notwithstanding the terms and conditions of subparagraphs 23a and 23b, the estimated cost of this Contract and, if this Contract is incrementally funded, the funds allotted for the performance of this Contract, shall not be increased or considered to be increased except by specific written modification of the Contract indicating the new contract estimated cost and, if this contract is incrementally funded, the new amount allotted to the contract.
24. Confidentiality of Material.
- a. All material given to or made available to the CONTRACTOR by virtue of this Contract, which is identified as proprietary or confidential information, will be safeguarded by the CONTRACTOR and shall not be disclosed to any individual or organization without the prior written approval of the STATE.
  - b. All information, data, or other material provided by the CONTRACTOR to the STATE shall be subject to the Uniform Information Practices Act, chapter 92F, HRS.
25. Publicity. The CONTRACTOR shall not refer to the STATE, or any office, agency, or officer thereof, or any state employee, including the HOPA, the CPO, the Agency procurement officer, or to the services or goods, or both, provided under this Contract, in any of the CONTRACTOR'S brochures, advertisements, or other publicity of the CONTRACTOR. All media contacts with the CONTRACTOR about the subject matter of this Contract shall be referred to the Agency procurement officer.
26. Ownership Rights and Copyright. The STATE shall have complete ownership of all material, both finished and unfinished, which is developed, prepared, assembled, or conceived by the CONTRACTOR pursuant to this Contract, and all such material shall be considered "works made for hire." All such material shall be delivered to the STATE upon expiration or termination of this Contract. The STATE, in its sole discretion, shall have the exclusive right to copyright any product, concept, or material developed, prepared, assembled, or conceived by the CONTRACTOR pursuant to this Contract.
27. Liens and Warranties. Goods provided under this Contract shall be provided free of all liens and provided together with all applicable warranties, or with the warranties described in the Contract documents, whichever are greater.



28. Audit of Books and Records of the CONTRACTOR. The STATE may, at reasonable times and places, audit the books and records of the CONTRACTOR, prospective contractor, subcontractor, or prospective subcontractor which are related to:
- a. The cost or pricing data, and
  - b. A state contract, including subcontracts, other than a firm fixed-price contract.
29. Cost or Pricing Data. Cost or pricing data must be submitted to the Agency procurement officer and timely certified as accurate for contracts over \$100,000 unless the contract is for a multiple-term or as otherwise specified by the Agency procurement officer. Unless otherwise required by the Agency procurement officer, cost or pricing data submission is not required for contracts awarded pursuant to competitive sealed bid procedures.
- If certified cost or pricing data are subsequently found to have been inaccurate, incomplete, or noncurrent as of the date stated in the certificate, the STATE is entitled to an adjustment of the contract price, including profit or fee, to exclude any significant sum by which the price, including profit or fee, was increased because of the defective data. It is presumed that overstated cost or pricing data increased the contract price in the amount of the defect plus related overhead and profit or fee. Therefore, unless there is a clear indication that the defective data was not used or relied upon, the price will be reduced in such amount.
30. Audit of Cost or Pricing Data. When cost or pricing principles are applicable, the STATE may require an audit of cost or pricing data.
31. Records Retention.
- (1) Upon any termination of this Contract or as otherwise required by applicable law, CONTRACTOR shall, pursuant to chapter 487R, HRS, destroy all copies (paper or electronic form) of personal information received from the STATE.
  - (2) The CONTRACTOR and any subcontractors shall maintain the files, books, and records that relate to the Contract, including any personal information created or received by the CONTRACTOR on behalf of the STATE, and any cost or pricing data, for at least three (3) years after the date of final payment under the Contract. The personal information shall continue to be confidential and shall only be disclosed as permitted or required by law. After the three (3) year, or longer retention period as required by law has ended, the files, books, and records that contain personal information shall be destroyed pursuant to chapter 487R, HRS or returned to the STATE at the request of the STATE.
32. Antitrust Claims. The STATE and the CONTRACTOR recognize that in actual economic practice, overcharges resulting from antitrust violations are in fact usually borne by the purchaser. Therefore, the CONTRACTOR hereby assigns to STATE any and all claims for overcharges as to goods and materials purchased in connection with this Contract, except as to overcharges which result from violations commencing after the price is established under this Contract and which are not passed on to the STATE under an escalation clause.
33. Patented Articles. The CONTRACTOR shall defend, indemnify, and hold harmless the STATE, and its officers, employees, and agents from and against all liability, loss, damage, cost, and expense, including all attorneys fees, and all claims, suits, and demands arising out of or resulting from any claims, demands, or actions by the patent holder for infringement or other improper or unauthorized use of any patented article, patented process, or patented appliance in connection with this Contract. The CONTRACTOR shall be solely responsible for correcting or curing to the satisfaction of the STATE any such infringement or improper or unauthorized use, including, without limitation: (a) furnishing at no cost to the STATE a substitute article, process, or appliance acceptable to the STATE, (b) paying royalties or other required payments to the patent holder, (c) obtaining proper authorizations or releases from the patent holder, and (d) furnishing such security to or making such arrangements with the patent holder as may be necessary to correct or cure any such infringement or improper or unauthorized use.



34. Governing Law. The validity of this Contract and any of its terms or provisions, as well as the rights and duties of the parties to this Contract, shall be governed by the laws of the State of Hawaii. Any action at law or in equity to enforce or interpret the provisions of this Contract shall be brought in a state court of competent jurisdiction in Honolulu, Hawaii.
35. Compliance with Laws. The CONTRACTOR shall comply with all federal, state, and county laws, ordinances, codes, rules, and regulations, as the same may be amended from time to time, that in any way affect the CONTRACTOR'S performance of this Contract.
36. Conflict Between General Conditions and Procurement Rules. In the event of a conflict between the General Conditions and the procurement rules, the procurement rules in effect on the date this Contract became effective shall control and are hereby incorporated by reference.
37. Entire Contract. This Contract sets forth all of the agreements, conditions, understandings, promises, warranties, and representations between the STATE and the CONTRACTOR relative to this Contract. This Contract supersedes all prior agreements, conditions, understandings, promises, warranties, and representations, which shall have no further force or effect. There are no agreements, conditions, understandings, promises, warranties, or representations, oral or written, express or implied, between the STATE and the CONTRACTOR other than as set forth or as referred to herein.
38. Severability. In the event that any provision of this Contract is declared invalid or unenforceable by a court, such invalidity or unenforceability shall not affect the validity or enforceability of the remaining terms of this Contract.
39. Waiver. The failure of the STATE to insist upon the strict compliance with any term, provision, or condition of this Contract shall not constitute or be deemed to constitute a waiver or relinquishment of the STATE'S right to enforce the same in accordance with this Contract. The fact that the STATE specifically refers to one provision of the procurement rules or one section of the Hawaii Revised Statutes, and does not include other provisions or statutory sections in this Contract shall not constitute a waiver or relinquishment of the STATE'S rights or the CONTRACTOR'S obligations under the procurement rules or statutes.
40. Pollution Control. If during the performance of this Contract, the CONTRACTOR encounters a "release" or a "threatened release" of a reportable quantity of a "hazardous substance," "pollutant," or "contaminant" as those terms are defined in section 128D-1, HRS, the CONTRACTOR shall immediately notify the STATE and all other appropriate state, county, or federal agencies as required by law. The Contractor shall take all necessary actions, including stopping work, to avoid causing, contributing to, or making worse a release of a hazardous substance, pollutant, or contaminant, and shall promptly obey any orders the Environmental Protection Agency or the state Department of Health issues in response to the release. In the event there is an ensuing cease-work period, and the STATE determines that this Contract requires an adjustment of the time for performance, the Contract shall be modified in writing accordingly.
41. Campaign Contributions. The CONTRACTOR is hereby notified of the applicability of 11-355, HRS, which states that campaign contributions are prohibited from specified state or county government contractors during the terms of their contracts if the contractors are paid with funds appropriated by a legislative body.
42. Confidentiality of Personal Information.
- a. Definitions.
- "Personal information" means an individual's first name or first initial and last name in combination with any one or more of the following data elements, when either name or data elements are not encrypted:
- (1) Social security number;
  - (2) Driver's license number or Hawaii identification card number; or



- (3) Account number, credit or debit card number, access code, or password that would permit access to an individual's financial information.

Personal information does not include publicly available information that is lawfully made available to the general public from federal, state, or local government records.

"Technological safeguards" means the technology and the policy and procedures for use of the technology to protect and control access to personal information.

b. Confidentiality of Material.

- (1) All material given to or made available to the CONTRACTOR by the STATE by virtue of this Contract which is identified as personal information, shall be safeguarded by the CONTRACTOR and shall not be disclosed without the prior written approval of the STATE.
- (2) CONTRACTOR agrees not to retain, use, or disclose personal information for any purpose other than as permitted or required by this Contract.
- (3) CONTRACTOR agrees to implement appropriate "technological safeguards" that are acceptable to the STATE to reduce the risk of unauthorized access to personal information.
- (4) CONTRACTOR shall report to the STATE in a prompt and complete manner any security breaches involving personal information.
- (5) CONTRACTOR agrees to mitigate, to the extent practicable, any harmful effect that is known to CONTRACTOR because of a use or disclosure of personal information by CONTRACTOR in violation of the requirements of this paragraph.
- (6) CONTRACTOR shall complete and retain a log of all disclosures made of personal information received from the STATE, or personal information created or received by CONTRACTOR on behalf of the STATE.

c. Security Awareness Training and Confidentiality Agreements.

- (1) CONTRACTOR certifies that all of its employees who will have access to the personal information have completed training on security awareness topics relating to protecting personal information.
- (2) CONTRACTOR certifies that confidentiality agreements have been signed by all of its employees who will have access to the personal information acknowledging that:
  - (A) The personal information collected, used, or maintained by the CONTRACTOR will be treated as confidential;
  - (B) Access to the personal information will be allowed only as necessary to perform the Contract; and
  - (C) Use of the personal information will be restricted to uses consistent with the services subject to this Contract.

d. Termination for Cause. In addition to any other remedies provided for by this Contract, if the STATE learns of a material breach by CONTRACTOR of this paragraph by CONTRACTOR, the STATE may at its sole discretion:



- (1) Provide an opportunity for the CONTRACTOR to cure the breach or end the violation; or
- (2) Immediately terminate this Contract.

In either instance, the CONTRACTOR and the STATE shall follow chapter 487N, HRS, with respect to notification of a security breach of personal information.

e. Records Retention.

- (1) Upon any termination of this Contract or as otherwise required by applicable law, CONTRACTOR shall, pursuant to chapter 487R, HRS, destroy all copies (paper or electronic form) of personal information received from the STATE.
- (2) The CONTRACTOR and any subcontractors shall maintain the files, books, and records that relate to the Contract, including any personal information created or received by the CONTRACTOR on behalf of the STATE, and any cost or pricing data, for at least three (3) years after the date of final payment under the Contract. The personal information shall continue to be confidential and shall only be disclosed as permitted or required by law. After the three (3) year, or longer retention period as required by law has ended, the files, books, and records that contain personal information shall be destroyed pursuant to chapter 487R, HRS or returned to the STATE at the request of the STATE.



## NOTICE OF INTENTION TO BID

Date: \_\_\_\_\_

Ms. Jobie M.K. Masagatani, Chairman  
Hawaiian Homes Commission  
DEPARTMENT OF HAWAIIAN HOME LANDS  
91-5420 Kapolei Parkway  
Kapolei, Hawaii 96707

Attention: O & M of the Sewer Pump Station at Waiehu Kou Subdivision, Land  
Development Division **Notice of Intention to Bid due 2:00 p.m., August 29, 2017.**  
Gentlemen:

In accordance with the provisions of Section 103D-310, Hawaii Revised Statutes and Hawaii  
Administrative Rules 3-122-111, it is the intention of the undersigned to bid on IFB No. IFB-18-  
HHL-003, O & M of the Sewer Pump Station at Waiehu Kou, State of Hawaii, for which bids  
will be opened on **2:00 p.m., September 8, 2017**

_____ Name of Firm	_____ Contractor's License No.
_____ Address	_____ Hawaii General Excise Tax No.
_____ City, State and Zip Code	_____ Telephone No. / Facsimile No.
	_____ e-mail address

Respectfully submitted,

_____ Signature
_____ Print Name and Title

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Gentlemen: Date: \_\_\_\_\_

The Department of Hawaiian Home Lands acknowledges on this date above, your Notice  
of Intention to Bid on IFB-18-HHL-003.

\_\_\_\_\_  
Jobie M. K. Masagatani, Chairman  
Hawaiian Homes Commission



Corporate Resolution Form

**CORPORATE RESOLUTION**  
**(Name of Corporation - Use Letterhead)**

I, \_\_\_\_\_, Secretary of \_\_\_\_\_  
Corporation, a \_\_\_\_\_ 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 located at  
\_\_\_\_\_,  
(address)

on the \_\_\_\_\_ 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 of  
President or Vice President, 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 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 or  
Municipal Government of said State, or any department or subdivision of  
any of them."

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of  
said \_\_\_\_\_ Corporation this \_\_\_\_\_ day of  
\_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Secretary

(Names and Addresses of:)  
President  
Vice President  
Secretary



**WAIEHU KOU SUBDIVISION  
PHASE 3  
Waiehu, Island of Maui**

**OPERATION AND MAINTENANCE OF THE  
SEWER PUMP STATION**

**SCOPE OF WORK**

The Selected Contractor shall furnish all labor, equipment, cleaning supplies, materials and supervision to satisfactorily maintain the Waiehu Kou, Phase 3 Sewer Pump Station (see attached diagram for property description).

**DETAILED SCOPE OF WORK**

**REGULAR SERVICE:**

1. Twice a Week Services:
  - During this twice a week inspection, the Selected Contractor shall visually inspect the entire system to ensure reliability and optimum performance of the Sewer Pump Station. In the event an observation of a potential problem is observed, the Selected Contractor shall notify the DHHL in a timely manner to obtain authorization to correct the potential problem from occurring.
  - During this twice a week inspection, the Selected Contractor shall observe at least two cycles of automatic operation of pumps, whereby automatic alternation of lead/lag sequence has occurred.
2. Weekly Services (Note: to be scheduled on a different day than the above mentioned twice a week services):
  - The Selected Contractor shall maintain a Station Master Log, which includes reports of all observations, equipment, service, repairs, meter readings and other essential information. The Master Log shall be signed by the operator performing the services, as it is a permanent document of operation and maintenance conditions for the station. A duplicate copy of this Master Log should be kept at the Selected Contractors Office and duplicate copies forward to the DHHL for the tracking of this service
3. MONTHLY SERVICE:
  - The Selected Contractor shall test the Alarm System on the first working day of each month. Findings of this test shall be entered into the Station Master Log.
  - On the first working day of each month, the Selected Contractor shall test the Standby Generator, including confirmation of automatic transfer of power from MECO primary power to standby power. Findings of this test shall be entered into the Station Master Log.



- The Selected Contractor shall monitor odors with Hydrogen Sulfide Detector (to be provided by the Contractor) at wet well and discharge manhole, and take appropriate action. Mitigate action with chemicals, if deemed necessary, (paid by DHHL on a time and material basis).
4. QUARTERLY SERVICES:
- The Selected Contractor shall check submersible pumps for wear. Findings are to be entered into the Station Master Log.
  - The Selected Contractor shall clean wet well. (Note: In the event build-up of settled solids/floating grease in wet well occurs more frequently, arrange with DHHL to provide cleaning more frequently.) All servicing should be entered into Station Master Log.
5. ANNUAL SERVICE:
- The Selected Contractor shall clean belt drive for alignment and tension for exhaust fan. Cleaning dates and condition of belts are to be entered into the Station Master Log.
  - The Selected Contractor shall conduct performance verification check for magnetic flow meter. Performance report to be entered into the Station Master Log.
  - The Selected Contractor shall exercise all aboveground and buried valves to prevent freezing, including valve on generator engine exhaust to drain any condensation. Exercise report to be entered into the Station Master Log.
  - The Selected Contractor shall confirm proper operation and clean out (open drain valve) combination air valve at end of aboveground piping where force main begins.
  - Operation and clean out report(s) to be entered into the Station Master Log.

#### REPAIR AND REPLACEMENT:

The Selected Contractor shall provide 24-hour service capabilities to handle any emergency services, which shall be paid for by the DHHL to the Selected Contractor on an actual time and material basis.

The Selected Contractor shall provide the DHHL a list of the contact person(s) and telephone number that they can be reached. Changes to this list shall be reported to the DHHL.

#### WORKMANSHIP:

All operational and maintenance services, including emergency repair/replacement, shall be done in a first-class workmanlike manner by mechanics skilled in the trade and under proper supervision by the Contractor.

The Selected Contractor shall provide the DHHL a list of employees along with qualifications and other certifications which the employees hold. A current list shall also be maintained in the Station Master Log.



#### LAWS TO BE OBSERVED:

- The Selected Contractor, at all times, shall observe and comply with all Federal, State, and County laws and ordinances in all manner affecting the conduct of work and shall indemnify and hold harmless the Owner and its representatives against any claim arising from the violation of any such law- by-law or ordinances by the Selected Contractor, or by their respective employees.
- The Selected Contractor shall comply with all Federal, State, and County laws and Ordinances relating to safety, hours of labor, wages and payroll records.

#### SAFETY:

The Selected Contractor shall take all necessary precautions to safeguard his work and also the property of the DHHL, as well as other individuals in the vicinity of his work area, during the performance of his work. The Selected Contractor shall be solely responsible for, and shall make good on, any and all damages and or losses to work or property caused by his or his employee's negligence.

#### CLEAN-UP:

At the completion of each operational and/or maintenance service or repair/replacement, the Selected Contractor shall clean up and remove all rubbish, grease and debris from the premises resulting from his work, and keep the entire area clean and neat.

#### GROUND MAINTENANCE:

The Selected Contractor will be responsible for the neatness of the entire Pump Station Lot (Lot No. 91). The area has been filled with gravel and should be kept neat at all times. No vegetation is planned for this area. The Selected Contractor is expected to replenish the gravel on an as needed basis to keep the area free of vegetation at all times (incidental). The Selected Contractor will submit the method to control vegetation to the DHHL for approval and subsequently included this information into the Station Master Log.



WK3, L.L.C.  
UNDER A DEVELOPMENT AGREEMENT WITH  
DEPARTMENT OF HAWAIIAN HOME LANDS  
STATE OF HAWAII

CONSTRUCTION PLANS FOR:  
**WAIIEHU KOU RESIDENCE LOTS, PHASE 3**  
WAIIEHU, MAUI, HAWAII

TAX MAP KEY: (2) 3-2-12:03/(2) 3-2-13:09

SUBDIVISION FILE NO. 3.2029                      DWS FILE NO. 02-95

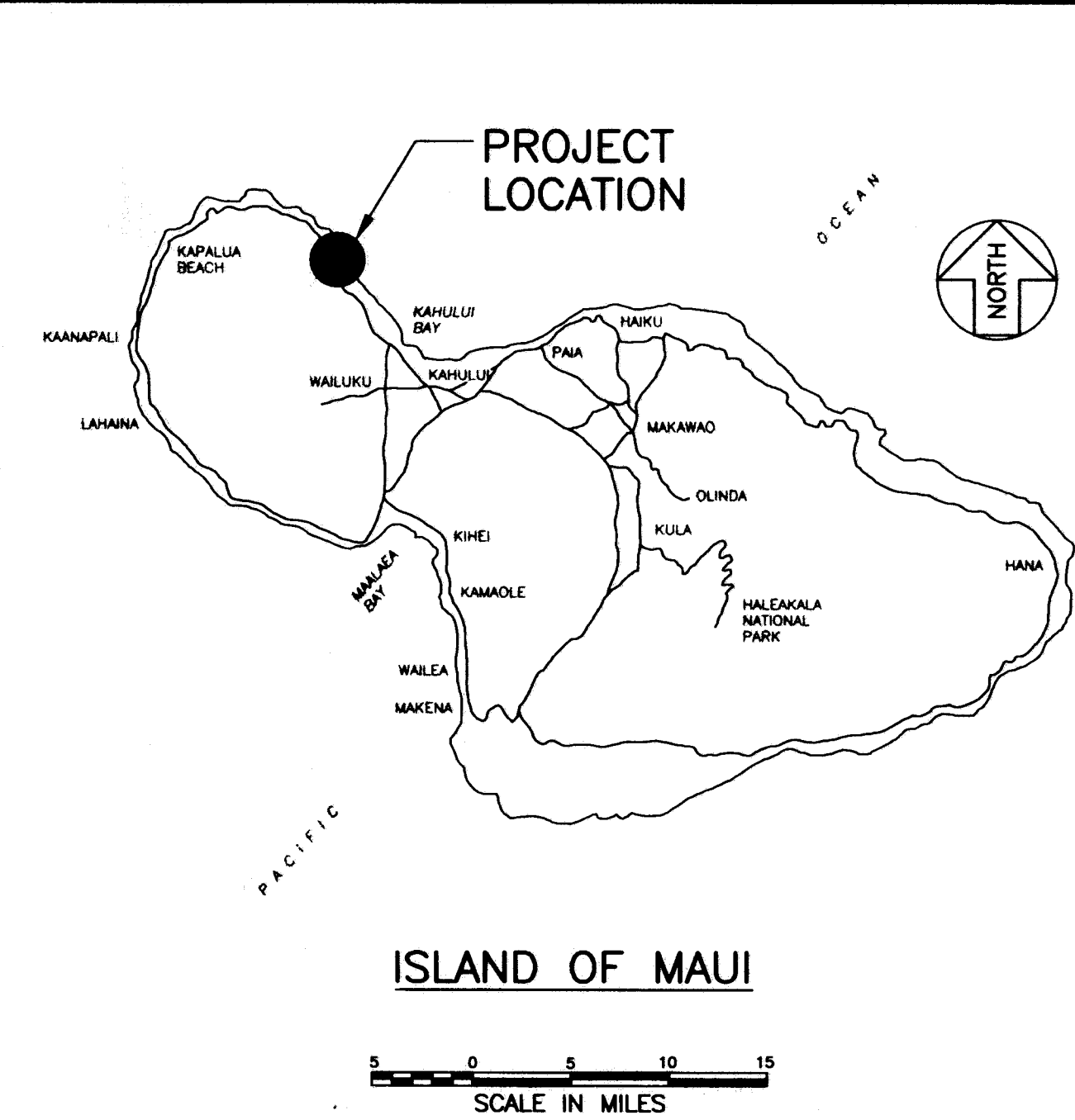
INFORMATION SHOWN WAS PROVIDED BY  
THE CONTRACTOR. THE USERS OF THIS  
DRAWINGS SHALL BE RESPONSIBLE TO  
VERIFY ITS ACCURACY.

CIVIL <b>RECORD DRAWING</b> SHEET 1 OF 107 DATE 11/31/05	WATER <b>RECORD DRAWING</b> SHEET 1 OF 30 DATE 11/12/04
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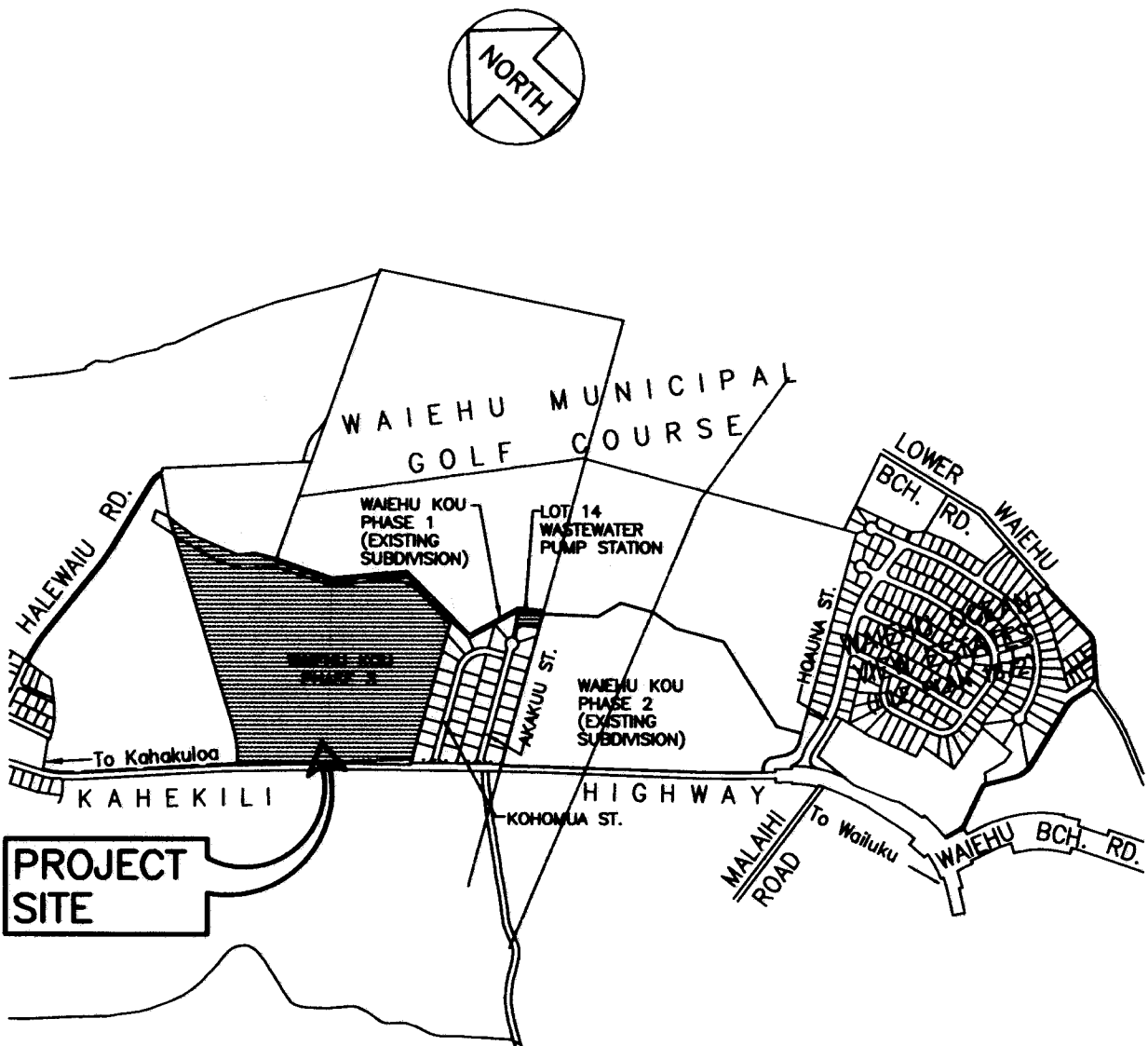
LOCATION MAP

CONSULTANTS

APPROVED



VICINITY PLAN



LOCATION PLAN  
NOT TO SCALE

CIVIL ENGINEER:  
**AUSTIN, TSUTSUMI & ASSOCIATES, INC.**

ELECTRICAL ENGINEER:  
**MORIKAWA & ASSOCIATES**

SOILS ENGINEER:  
**FEWELL GEOTECHNICAL ENGINEERING, LTD.**

LANDSCAPE ARCHITECT:  
**RUSSEL GUSHI, ASLA**

TELEPHONE ELECTRICAL ENGINEER:  
**MID-STATE CONSULTANTS**  
(UNDER SEPARATE CONTRACT WITH SANDWICH ISLES COMMUNICATIONS, INC.)

*Mit C. K.* 1/21/04  
DIRECTOR, DEPARTMENT OF HAWAIIAN HOME LANDS,  
STATE OF HAWAII DATE

*Milton O. Oshiro* 3-2-04  
DIRECTOR, DEPARTMENT OF PUBLIC WORKS AND  
ENVIRONMENTAL MANAGEMENT, COUNTY OF MAUI DATE

*Alan K. Hale* 12/22/03  
DIRECTOR, DEPARTMENT OF WATER SUPPLY  
COUNTY OF MAUI  
(APPROVAL LIMITED TO IMPROVEMENTS WHICH WILL BE  
DEDICATED TO THE DEPARTMENT OF WATER SUPPLY) DATE

*Donna C. Aguirre* 1/12/04  
CHIEF, ENVIRONMENTAL MANAGEMENT DIVISION  
DEPARTMENT OF HEALTH, STATE OF HAWAII DATE

*Frederick C. Aguirre*  
ADMINISTRATOR, HIGHWAYS DIVISION  
DEPT. OF TRANSPORTATION, STATE OF HAWAII  
(APPROVAL GRANTED FOR WORK WITHIN STATE RIGHT-OF-WAY)  
APPROVAL LETTER NO. I.D. NO. ME-01-67  
DATED

3/18/04		APPROVED PLANS			
7/1/03	FINAL DRAWING	ATA			
REVISION	DATE	BRIEF	MADE BY	APPROVED	
		FILE	POCKET	FOLDER	NO.



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\* TOTAL NUMBER OF DRAWINGS 100

## WASTEWATER NOTES

- ALL WASTEWATER LINES AND APPURTENANCES SHALL CONFORM TO THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, DATED SEPTEMBER 1984, OF THE DEPARTMENT OF PUBLIC WORKS, COUNTY OF MAUI.
- ALL SEWERLINE AND APPURTENANCES SHALL FOLLOW THE DESIGN STANDARDS OF THE DEPARTMENT OF WASTEWATER MANAGEMENT, CITY AND COUNTY OF HONOLULU, VOLUMES 1 & 2, DATED JULY 1993 AND JULY 1984 RESPECTIVELY, UNLESS OTHERWISE NOTED.
- BEFORE CONSTRUCTION COMMENCES, THE CONTRACTOR SHALL SCHEDULE AND DOCUMENT A PRE-CONSTRUCTION MEETING WITH ALL AGENCIES HAVING UTILITIES AFFECTED BY THE WORK.
- THE DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL MANAGEMENT HAS THE RIGHT TO STOP CONSTRUCTION, SHOULD ANY WORK BE FOUND CONTRARY TO THE APPROVED PLANS AND SPECIFICATIONS, OR DETRIMENTAL TO THE PUBLIC INTERESTS.
- ALL EXISTING WASTEWATER LINES, WHETHER OR NOT SHOWN ON THE PLANS, IF DAMAGED DURING CONSTRUCTION, SHALL BE REPAIRED BY THE CONTRACTOR AND THE CONTRACTOR SHALL PAY ALL EXPENSES.
- THE CONTRACTOR SHALL NOTIFY THE WASTEWATER RECLAMATION DIVISION ONE (1) WEEK PRIOR TO CONNECTION TO ANY EXISTING WASTEWATER LINES.
- SHOULD THE CONTRACTOR EXCAVATE BEYOND THE TRENCH PAY-WIDTH, AS SPECIFIED IN THE STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, DATED SEPTEMBER 1984, AND SUCH ACTIONS RESULTS IN A GREATER LOAD TO THE PIPE, THE CONTRACTOR SHALL PROVIDE AT THE CONTRACTOR'S EXPENSE, A HIGHER CLASS OF BEDDING MATERIAL THAT WILL WITHSTAND THE ADDED LOAD.
- WASTEWATER LATERALS SHALL BE SIX (6) INCHES IN DIAMETER AT A MINIMUM OF 1% SLOPE, UNLESS APPROVED OTHERWISE.
- AN ADVANCE RISER CONNECTION SHALL BE INSTALLED AT EACH NEW WASTEWATER LATERAL.
- WHERE THE CLEARANCE BETWEEN A WASTEWATER LINE AND A NEW OR EXISTING WATER LINE IS EIGHTEEN (18) INCHES OR LESS, THE WASTEWATER LINE SHALL BE CONCRETE JACKETS IN ACCORDANCE WITH THE STANDARD DETAILS OF PUBLIC WORKS CONSTRUCTION, DATED SEPTEMBER 1984.
- WHEN THE WASTEWATER MAINS ARE OF A DIFFERENT MATERIAL THAN THE LATERALS, THE CONTRACTOR SHALL INSTALL APPROVED ADAPTERS.
- ALL BACKFILL FOR WASTEWATER TRENCHES SHALL BE COMPACTED IN ONE (1) FOOT LIFTS TO A MINIMUM 90% OF ITS MAXIMUM DENSITY.
- WHERE CONSTRUCTION IS TO BE DONE IN PHASES OR INCREMENTS, EACH PHASE OR INCREMENT SHALL BE APPROVED BY WASTEWATER RECLAMATION DIVISION BEFORE THE NEXT PHASE OR INCREMENT IS STARTED.

## WASTEWATER NOTES (CONT'D.)

- ALL WASTEWATER MAINS SHALL PASS A MANDREL TEST AS A CONDITION OF ACCEPTANCE 30 DAYS AFTER COMPLETION AND BACKFILL. THE MANDREL DIAMETER SHALL BE 95% MORE OF THE INSIDE DIAMETER OF THE PIPE BEING TESTED. A CERTIFICATION LETTER FROM THE CONTRACTOR, SIGNED BY THE LUCA INSPECTOR, WILL BE FORWARDED TO THE WASTEWATER RECLAMATION DIVISION.
- PRIOR TO FINAL ACCEPTANCE, ALL WASTEWATER LINES INSTALLED SHALL BE FLUSHED WITH WATER AND ANY ACCUMULATED CONSTRUCTION DEBRIS AND OTHER FOREIGN MATERIALS SHALL BE REMOVED.
- "AS-BUILT" DRAWINGS SHALL BE SUBMITTED AS A CONDITION FOR THE FINAL ACCEPTANCE OF THE PROJECT. IF MAIN TRANSMISSION LINES WILL BE DEDICATED TO THE COUNTY, THE CONTRACTOR SHALL SUBMIT AN AUTOCAD RELEASE 14 OR HIGHER DRAWING FILE TO THE WASTEWATER RECLAMATION DIVISION.
- ALL MAIN WASTEWATER LINES WHICH WILL BE DEDICATED TO THE COUNTY OF MAUI SHALL BE INSPECTED BY CLOSED CIRCUIT TELEVISION (CCTV) IN STRICT ACCORDANCE WITH DEPARTMENT OF PUBLIC WORKS CCTV POLICY, EFFECTIVE DATE NOVEMBER 15, 1996. FINAL ACCEPTANCE OF THE SYSTEM SHALL BE CONTINGENT UPON THE PASSING OF ALL REQUIREMENTS OF THIS POLICY.
- ANY CONNECTION MADE UNDER THE WATER TABLE WILL REQUIRE CCTV AT HIGH TIDE TO DETERMINE WATERTIGHTNESS, IN ACCORDANCE WITH DEPARTMENT OF PUBLIC WORKS CCTV POLICY, EFFECTIVE DATE NOVEMBER 15, 1996. FINAL ACCEPTANCE OF THE SYSTEM SHALL BE CONTINGENT UPON THE PASSING OF ALL REQUIREMENTS OF THIS POLICY.

## SOLID WASTE CONSTRUCTION NOTES

- UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR IS RESPONSIBLE FOR THE PROPER HANDLING, STORAGE AND/OR DISPOSAL OF ALL WASTE GENERATED BY THE CONSTRUCTION INCLUDING GRUBBING AND EXCESS EXCAVATED MATERIAL. ANY MATERIAL BROUGHT TO THE COUNTY LANDFILLS WILL BE SUBJECT TO THE INSTITUTED TIPPING FEE SYSTEM, WITH NO EXCEPTIONS OR EXEMPTIONS.

## WATER SERVICE LATERAL

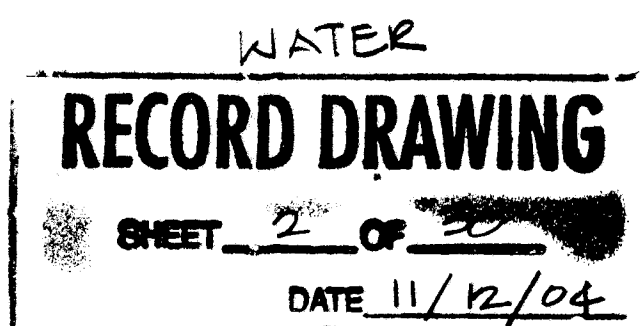
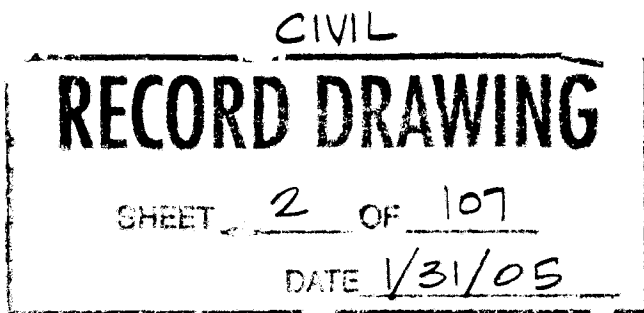
- WK3 RESERVES THE RIGHT TO CHANGE THE TYPE AND LOCATIONS OF THE PROPOSED WATER SERVICE LATERALS AT NO ADDITIONAL COST. THE FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER AND DWS ENGINEER AFTER THE ROUGH GRADING WORK IS COMPLETED.

## SEWER SERVICE LATERAL

- WK3 RESERVES THE RIGHT TO CHANGE THE LOCATIONS OF THE PROPOSED SEWER LATERALS AT NO ADDITIONAL COST. THE FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER AFTER THE ROUGH GRADING WORK IS COMPLETED.

## CONTRACTOR'S RESPONSIBILITY FOR EXISTING UTILITY LINES, PIPES AND SERVICES

- INFORMATION REGARDING THE SITE OF THE WORK GIVEN ON THE DRAWINGS OR SPECIFICATIONS HAS BEEN OBTAINED BY THE ENGINEER AND IS BELIEVED TO BE REASONABLY CORRECT. HOWEVER, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL SUCH INFORMATION. THE CONTRACTOR SHALL TONE THE AREA TO BE EXCAVATED TO ASCERTAIN THE LOCATION OF UNCHARTED UTILITIES.
- ANY UTILITIES THAT THE CONTRACTOR ENCOUNTERS DURING THE PROGRESS OF THE WORK, SUCH AS TELEPHONE DUCTS, ELECTRIC DUCTS, WATER LINES, SEWER LINES, ELECTRIC LINES AND DRAINAGE PIPES, WHETHER SHOWN OR NOT ON THE CONTRACT PLANS, SHALL NOT BE DISTURBED OR DAMAGED UNLESS OTHERWISE INSTRUCTED IN THE PLANS AND SPECIFICATIONS.
- IN THE EVENT THE UTILITIES ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD LIABLE FOR THE DAMAGED OR DISTURBED UTILITIES.
- THE CONTRACTOR SHALL REPAIR THE DAMAGED OR DISTURBED UTILITIES TO THE EXISTING CONDITION AT NO COST TO THE OWNER. ANY DAMAGE CLAIMS DUE TO THE DISRUPTION OF SERVICE CAUSED BY THE UTILITIES BEING DAMAGED SHALL BE PAID BY THE CONTRACTOR, WHO SHALL SAVE HARMLESS THE OWNER AND ENGINEER FROM ALL SUITS, ACTIONS OR CLAIMS OF ANY CHARACTER BROUGHT ON ACCOUNT OF SUCH DAMAGES.
- IN THE EVENT UTILITIES WHICH WERE NOT SHOWN ON THE PLANS AND SPECIFICATIONS ARE DAMAGED OR DISTURBED BY THE CONTRACTOR, THE CONTRACTOR SHALL BE HELD LIABLE. THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND EXPOSE ALL UTILITY LINES PRIOR TO ANY EXCAVATION AND/OR INSTALLATION OF LINES.



# ABBREVIATIONS

Δ	DELTA	F&C	FRAME & COVER	R	RADIUS																																																																																										
AND	AND	FI	FIRE HYDRANT	R.C.	REINFORCED CONCRETE																																																																																										
ASPH	ASPHALT	FIN	FINISHED	RCP	REINFORCED CONCRETE PIPE																																																																																										
ADJUST	ADJUST	FL	FLOW LINE	RFL	REFLECTOR																																																																																										
ARV	AIR RELIEF VALVE	FT	FEET	REFL	REFLECTOR																																																																																										
ASSY.	ASSEMBLY	GA	GUY ANCHOR	REIN	REINFORCED OR REINFORCEMENT																																																																																										
AZ	AZIMUTH	G.D.I.	GRADED DRAIN INLET	RP	RADIUS POINT																																																																																										
B	BASELINE	G	GRADE	RT	RIGHT-OF-WAY																																																																																										
BCT	BOTTOM CURB	GRP	GROUTED RUBBLE PAVING	R.O.W. OR R/W	R.O.W. OR R/W																																																																																										
BEG	BREAKAWAY CABLE TERMINAL	G.V.	GATE VALVE	S	SLOPE																																																																																										
BLOG	BUILDING	HT/HTCO	HAWAIIAN TELEPHONE CO.	SDMH	STORM DRAIN MANHOLE																																																																																										
BLK	BLOCK	HT	HEIGHT	SE	SUPER ELEVATION																																																																																										
BOTT	BOTTOM	HB	HOSE BIBB	SEF	SQUARE FOOT																																																																																										
BVC	BEGIN VERTICAL CURVE	HGL	HYDRAULIC GRADE LINE	SPR	SPRINKLER																																																																																										
C	CABLE TELEVISION	HORIZ	HORIZONTAL	STA	STATION																																																																																										
C.B.	CATCH BASIN	HP	HIGH POINT	STD	STANDARD																																																																																										
C.C.P.	CONCRETE CYLINDER PIPE	INTER.	INTERSECTION	STRUCT.	STRUCTURE																																																																																										
CH	CHORD LENGTH	INV	INVERT ELEVATION	SVC	SERVICE																																																																																										
CL	CLASS	LAT.	LATERAL	S/W	SIDEWALK																																																																																										
CL	CHAIN LINK	LEN	LENGTH OF CURVE	T	TANGENT																																																																																										
CLR	CLEAR	LEN	LENGTH	TC	TOP CURB																																																																																										
CLVRT	CULVERT	LF	LINEAL FEET	TE	TELEPHONE																																																																																										
CMU	CORRUGATED METAL PIPE	LP	LIGHT POINT	TEMP	TEMPORARY																																																																																										
CONC	CONCRETE	LT	LOW POINT	THH	THICK																																																																																										
CONT	CONTINUATION OR CONTINUOUS	LT	LEFT	THK	THICK																																																																																										
CRM	CONCRETE RUBBLE MASONRY	MAX	MAXIMUM	TRAV	TRAVERSE </tr <tr> <td>COL</td><td>COLUMN</td><td>MB</td><td>MAILBOX</td><td>TYP</td><td>TYPICAL</td></tr> <tr> <td>C.O.</td><td>CLEAN OUT</td><td>MECO</td><td>MAUI ELECTRIC CO.</td><td>V.B.</td><td>VALVE BOX</td></tr> <tr> <td>DBL</td><td>DOUBLE</td><td>MON</td><td>MONUMENT</td><td>V.C.</td><td>VERTICAL CURVE</td></tr> <tr> <td>DET.</td><td>DETAIL</td><td>NO.</td><td>NUMBER</td><td>VERT</td><td>VERTICAL</td></tr> <tr> <td>DI</td><td>DUCTILE IRON</td><td>O.C.</td><td>ON CENTER</td><td>VPI</td><td>VERTICAL POINT OF INTERSECTION</td></tr> <tr> <td>DI</td><td>DRAIN INLET</td><td>O.D.</td><td>OUTSIDE DIAMETER</td><td>W</td><td>WIDE</td></tr> <tr> <td>D/L</td><td>DRAIN LINE</td><td>O/S</td><td>OFFSET</td><td>W/L</td><td>W/L OR WL</td></tr> <tr> <td>DMH</td><td>DRAIN MANHOLE</td><td>PAVT</td><td>PAVEMENT</td><td>WV</td><td>WATER VALVE</td></tr> <tr> <td>DWY. OR D/W</td><td>DRIVEWAY</td><td>PC</td><td>POINT OF CURVATURE</td><td>WM</td><td>WATER METER</td></tr> <tr> <td>EA</td><td>ELECTRIC HANDHOLE</td><td>PCC</td><td>POINT OF COMPOUND CURVE</td><td>WMH</td><td>WATER MANHOLE</td></tr> <tr> <td>ELEC.</td><td>ELECTRIC</td><td>PCD</td><td>POINT OF INTERSECTION</td><td>SMH</td><td>SEWER MANHOLE</td></tr> <tr> <td>ELEV.</td><td>ELEVATION</td><td>PVC</td><td>POINT OF INTERSECTION ON VERTICAL CURVE</td><td>CB</td><td>CATCH BASIN</td></tr> <tr> <td>EXIST.</td><td>EXISTING</td><td>PL</td><td>PLACE</td><td>ELEC. BOX</td><td>ELECTRIC BOX</td></tr> <tr> <td>EP</td><td>EDGE OF PAVEMENT</td><td>PP</td><td>PROPERTY LINE</td><td>TEL. BOX</td><td>TELEPHONE BOX</td></tr> <tr> <td>EVC</td><td>END VERTICAL CURVE</td><td>R</td><td>RADIUS</td><td>CATV BOX</td><td>CATV BOX</td></tr>	COL	COLUMN	MB	MAILBOX	TYP	TYPICAL	C.O.	CLEAN OUT	MECO	MAUI ELECTRIC CO.	V.B.	VALVE BOX	DBL	DOUBLE	MON	MONUMENT	V.C.	VERTICAL CURVE	DET.	DETAIL	NO.	NUMBER	VERT	VERTICAL	DI	DUCTILE IRON	O.C.	ON CENTER	VPI	VERTICAL POINT OF INTERSECTION	DI	DRAIN INLET	O.D.	OUTSIDE DIAMETER	W	WIDE	D/L	DRAIN LINE	O/S	OFFSET	W/L	W/L OR WL	DMH	DRAIN MANHOLE	PAVT	PAVEMENT	WV	WATER VALVE	DWY. OR D/W	DRIVEWAY	PC	POINT OF CURVATURE	WM	WATER METER	EA	ELECTRIC HANDHOLE	PCC	POINT OF COMPOUND CURVE	WMH	WATER MANHOLE	ELEC.	ELECTRIC	PCD	POINT OF INTERSECTION	SMH	SEWER MANHOLE	ELEV.	ELEVATION	PVC	POINT OF INTERSECTION ON VERTICAL CURVE	CB	CATCH BASIN	EXIST.	EXISTING	PL	PLACE	ELEC. BOX	ELECTRIC BOX	EP	EDGE OF PAVEMENT	PP	PROPERTY LINE	TEL. BOX	TELEPHONE BOX	EVC	END VERTICAL CURVE	R	RADIUS	CATV BOX	CATV BOX
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## NOTES FOR ENVIRONMENTAL PROTECTION

- ENVIRONMENTAL PROTECTION NOTES PERTAINING TO AIR AND WATER POLLUTION SHALL BE ADMINISTERED AND MONITORED BY THE DEPARTMENT OF HEALTH.
- THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL PROVIDE EFFECTIVE MEASURES FOR THE CONTROL OF FUGITIVE DUST EMISSIONS FROM THE PROJECT AND SURROUNDING AREAS CAUSED BY HIS OPERATIONS. THESE MEASURES SHALL MEET THE REQUIREMENTS OF STATE ADMINISTRATIVE RULES, DEPARTMENT OF HEALTH, AIR POLLUTION CONTROL (11-60.1).
- ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE GRADING ORDINANCE TO PREVENT VIOLATION OF THE STATE ADMINISTRATIVE RULES, DEPARTMENT OF HEALTH, WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS (11-54, 11-55) DUE TO EROSION AND RUNOFF TO STATE WATERS.
- GRUB MATERIAL, DEMOLITION WASTES, AND CONSTRUCTION WASTES SHALL BE DISPOSED OF AT AN AUTHORIZED SITE HAVING A DEPARTMENT OF HEALTH SOLID WASTE MANAGEMENT PERMIT. OPEN BURNING IS PROHIBITED.
- PERMITS REQUIRED:
  - A NPDES PERMIT IS REQUIRED TO BE OBTAINED FROM THE CLEAN WATER BRANCH OF THE DEPARTMENT OF HEALTH FOR STORM WATER DISCHARGE AND HYDROTESTING.
  - A DEWATERING PERMIT MAY BE REQUIRED TO BE OBTAINED FROM THE CLEAN WATER BRANCH OF THE DEPARTMENT OF HEALTH IF DISCHARGING INTO STATE WATERS.
  - PERMIT MUST BE OBTAINED PRIOR TO START OF CONSTRUCTION.
- ENVIRONMENTAL PROTECTION NOTES PERTAINING TO AIR AND WATER POLLUTION SHALL BE ADMINISTERED AND MONITORED BY THE DEPARTMENT OF HEALTH.

## SIGNAGE NOTES

- THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DIMENSIONS OF EXISTING SIGNS, PANELS, SUPPORTS AND FRAMING.
- LETTER SIZE AND COLOR:
  - WHEN THE ADVANCE STREET NAME SIGN IS USED IN CONJUNCTION WITH A WARNING SIGN, THE LETTERS SHALL BE 4" SERIES "D" & MATCH THE COLOR SCHEME OF THE WARNING SIGN.
  - WHEN THE ADVANCE STREET NAME SIGN IS STAND ALONE, THE LETTERS SHALL BE 6" SERIES "D" AND BE WHITE LETTERS ON GREEN BACKGROUND.
- ALL SIGNS SHALL CONFORM TO SECTION 621 OF THE SPECIAL PROVISIONS AND THE LATEST EDITIONS AND AMENDMENTS OF THE FOLLOWING FHWA PUBLICATIONS:
  - "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (MUTCD)
  - "STANDARD HIGHWAY SIGNS"
  - "STANDARD ALPHABETS FOR HIGHWAY SIGNS"
- BORDERS, MESSAGES, ARROWS, SYMBOLS AND SHIELD SHALL CONFORM TO DETAILS AS SHOWN ON THE PLANS AND AS SPECIFIED IN THE MUTCD.
- SIGN MESSAGES SHALL BE AS INDICATED ON THE PLANS.
- ALL PANELS SHALL BE REFLECTORIZED IN ACCORDANCE WITH SECTION 712.20 OF THE STANDARD SPECIFICATIONS. MINIMUM WIDTH OF PANELS SHALL BE 2 FEET. ABUTTING EDGES OF PANELS SHALL BE IN ONLY ONE DIRECTION. IF VERTICAL ABUTTING EDGES ARE USED, NO HORIZONTAL ABUTTING EDGES SHALL BE ALLOWED AND VICE VERSA.
- STREET NAME SIGNS FOR ON-SITE STREETS SHALL BE PER STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, DETAIL T-14.

## TEMPORARY DUST CONTROL MEASURES

- EXCAVATION, EMBANKMENT AND IMPORTED MATERIALS SHALL BE KEPT DAMPENED WITH WATER DURING THE GRADING OPERATIONS.
- THE CONTRACTOR SHALL MAINTAIN A SUITABLE WATER SYSTEM AND DAMPEN THE GRADED OR GRUBBED SITE WITH WATER.
- AT THE END OF EACH DAY, SEVEN (7) DAYS A WEEK, THE PROJECT SITE SHALL BE KEPT DAMP WITH WATER. THE SITE SHALL BE SUFFICIENTLY DAMPENED SO THAT THE SITE WILL REMAIN MOISTENED DURING THE NIGHT.

# LEGEND

NEW	EXISTING
OHE	OVERHEAD ELEC. LINE
UGT	UNDERGROUND TEL. LINE
FM7	SEWER FORCE MAIN AND SIZE
S8	GRAVITY SEWER LINE AND SIZE
D42	DRAINLINE AND SIZE
W12	WATERLINE AND SIZE
	LIMITS OF GRADING
FH	FIRE HYDRANT
WV	WATER VALVE
WM	WATER METER
WMH	WATER MANHOLE
SMH	SEWER MANHOLE
CB	CATCH BASIN
ELEC. BOX	ELECTRIC BOX
TEL. BOX	TELEPHONE BOX
CATV BOX	CATV BOX
	MXU PAD
	SVC POLE
	HEADWALL
	LAMP POLE OR STREET LIGHT STANDARD
GA	POWER POLE, GUY ANCHOR
	GUARD RAIL
	PAVEMENT STRIPING
	PAVEMENT ARROW
	CROSSWALK
	SPOT ELEVATION
	DIRECTION OF SURFACE FLOW
	PROPERTY LINE
	SLOPE GRADING

## PUBLIC HEALTH, SAFETY AND CONVENIENCE

- THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS REQUIRED FOR THE PROTECTION OF PUBLIC HEALTH AND SAFETY AND ENVIRONMENTAL QUALITY.
- THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AND ITS SURROUNDING AREAS FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH. THE COUNTY OF MAUI MAY REQUIRE SUPPLEMENTARY MEASURES AS NECESSARY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANING AND REMOVAL OF ALL SILT AND DEBRIS GENERATED BY HIS WORK AND ACCUMULATED WITHIN DOWNSTREAM WATERS, DITCHES AND DRAIN PIPES AND ON PUBLIC AND PRIVATE ROADWAYS. THE CONTRACTOR AGREES TO REIMBURSE THE COUNTY OF MAUI FOR ALL COSTS EXPENDED IN PERFORMANCE OF THE ABOVE WORK IF REQUIRED FOR PUBLIC HEALTH AND SAFETY, OR MADE NECESSARY BY NON-PERFORMANCE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL NECESSARY SIGNS, LIGHTS, FLARES, BARRICADES, MARKERS, CONES AND OTHER PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION, CONVENIENCE AND SAFETY OF THE PUBLIC.
- THE CONTRACTOR SHALL SUBMIT A NOISE POLLUTION CONTROL PLAN WHEN APPLYING FOR A CONSTRUCTION PERMIT.

11/18/03	DCAB COMMENTS (NEW DRAWING)	ATA
9/15/03	COUNTY COMMENTS	ATA
7/1/03	FINAL DRAWING	ATA
5/12/03	DWS COMMENTS	AW
REVISION	DATE	BRIEF
MADE BY	APPROVED	

**ATA AUSTIN, TSUTSUMI & ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS  
HONOLULU, HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.

**WAEHU KOU PHASE 3**  
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9  
WAEHU, WAILUKU, MAUI, HAWAII

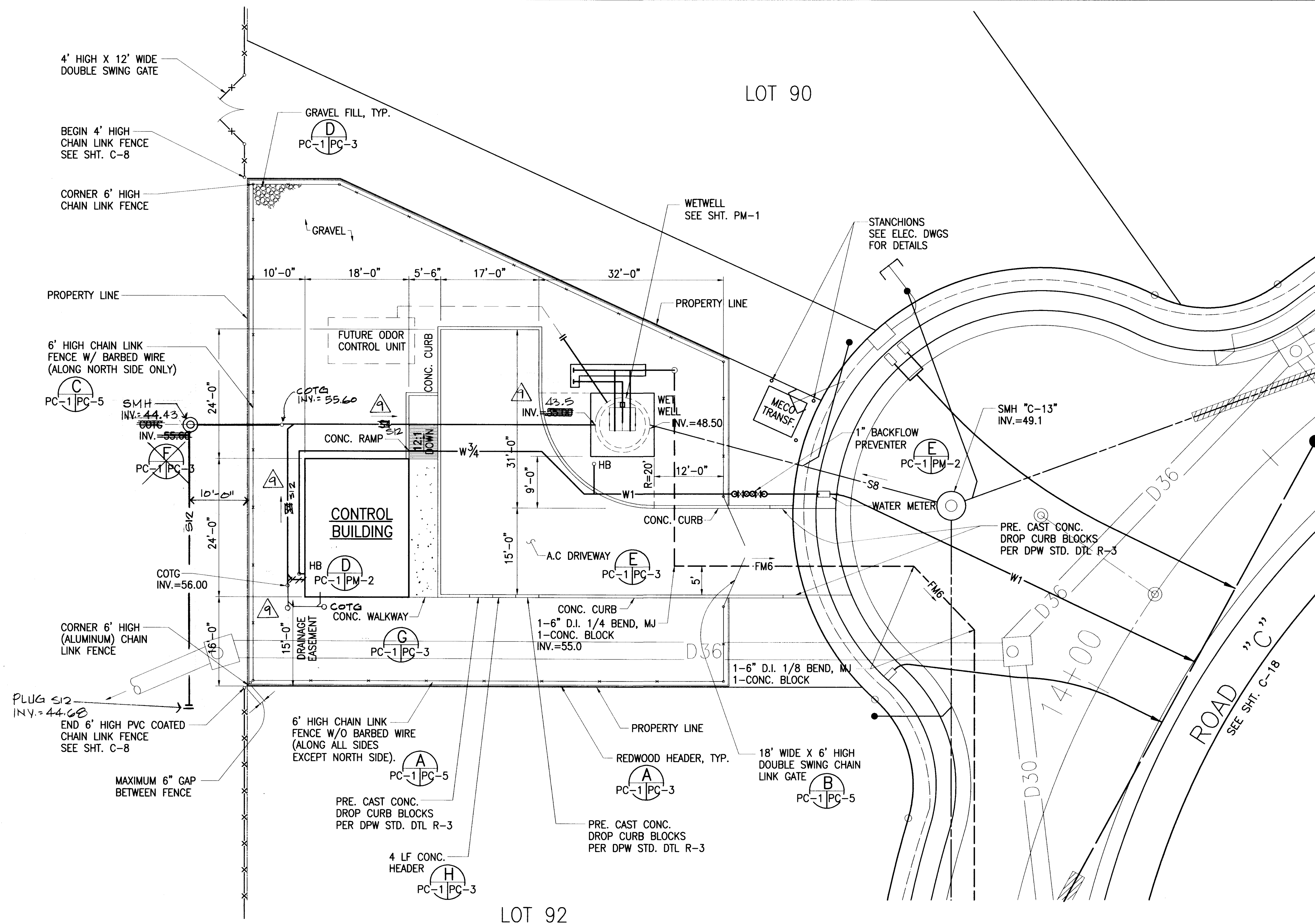
**INDEX OF DRAWINGS, ABBREVIATIONS, LEGEND AND NOTES**

DESIGNED BY DF	DRAWN BY KH, NPP	CHECKED BY KKK
APPROVED	SUBMITTED BY	
DATE	FIRM MEMBER	DATE

FILE	POCKET	FOLDER	NO.
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JOB NO. 0-01-550  
REVISED: 4/23/03  
FN: X:\01-550\pump station\PC1-SITE PLAN.DWG



LOT 92



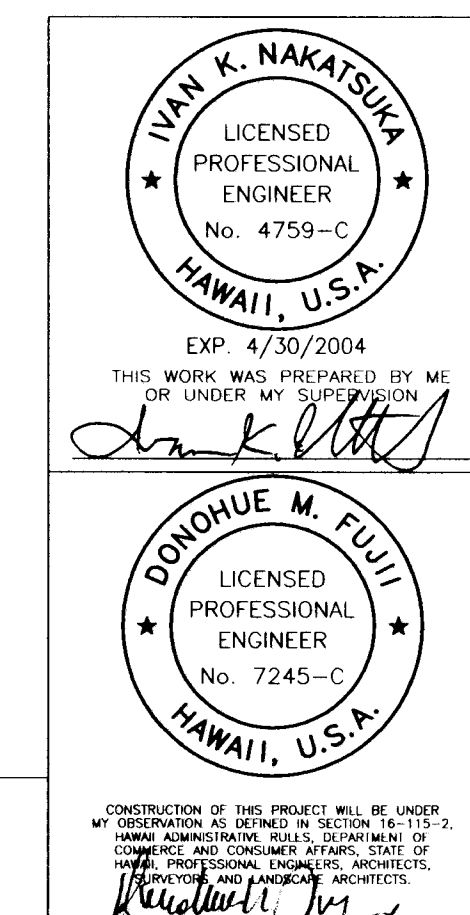
**SITE PLAN**

SCALE: 1"=10'

CIVIL  
**RECORD DRAWING**  
SHEET 84 OF 106  
DATE 11/31/05

0 1 2  
LINE IS 2 INCHES AT FULL SIZE  
(IF NOT 2-INCHES : Scale Accordingly)

DWG. NO. **PC-1**  
SHEET 84 OF 106



9	2/1/05	CIVIL AS-BUILT	ATA	
8	9/15/03	WWRD COMMENTS	ATA	
7	7/1/03	FINAL DRAWING	ATA	
REVISION	DATE	BRIEF	MADE BY	APPROVED

<b>ATA</b>	<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b>
ENGINEERS, SURVEYORS	HONOLULU, WAILUKU, HAWAII

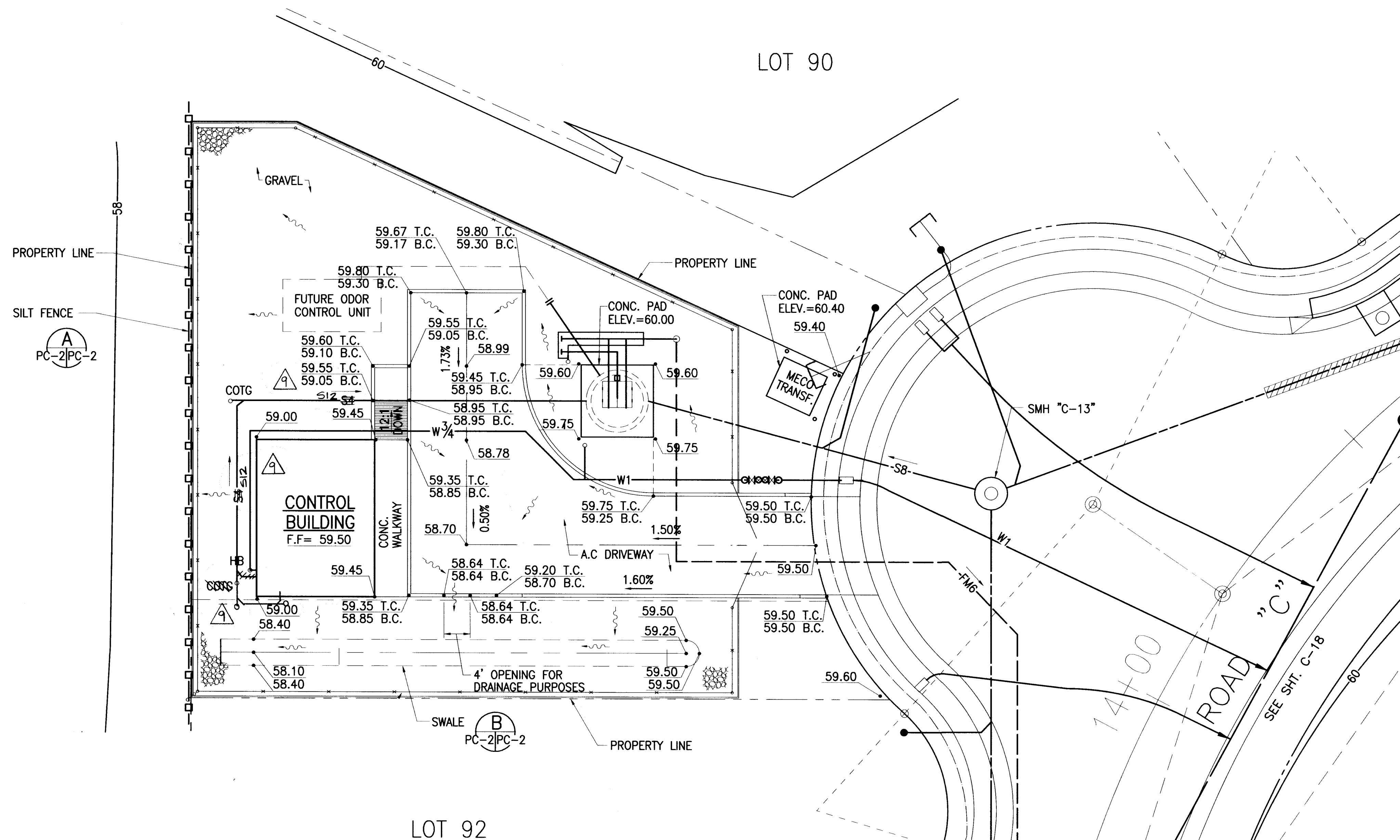
DEPARTMENT OF HAWAIIAN HOME LANDS
DEVELOPER: WK3, L.L.C.
WAIIEHU KOU PHASE 3
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9
WAIIEHU, WAILUKU, MAUI, HAWAII

<b>WASTEWATER PUMP STATION</b>	
<b>SITE PLAN</b>	

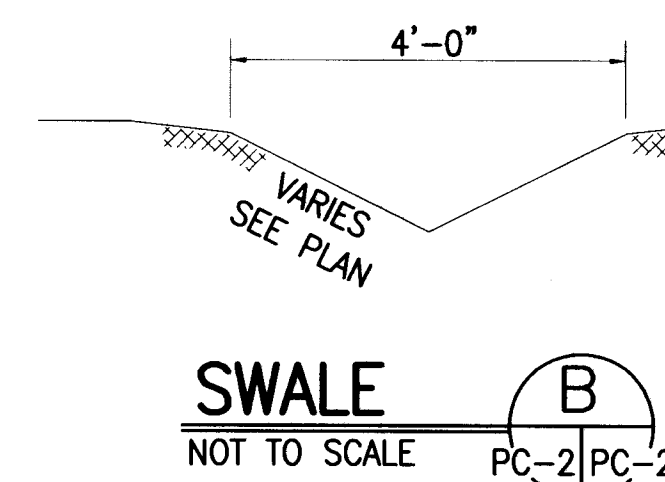
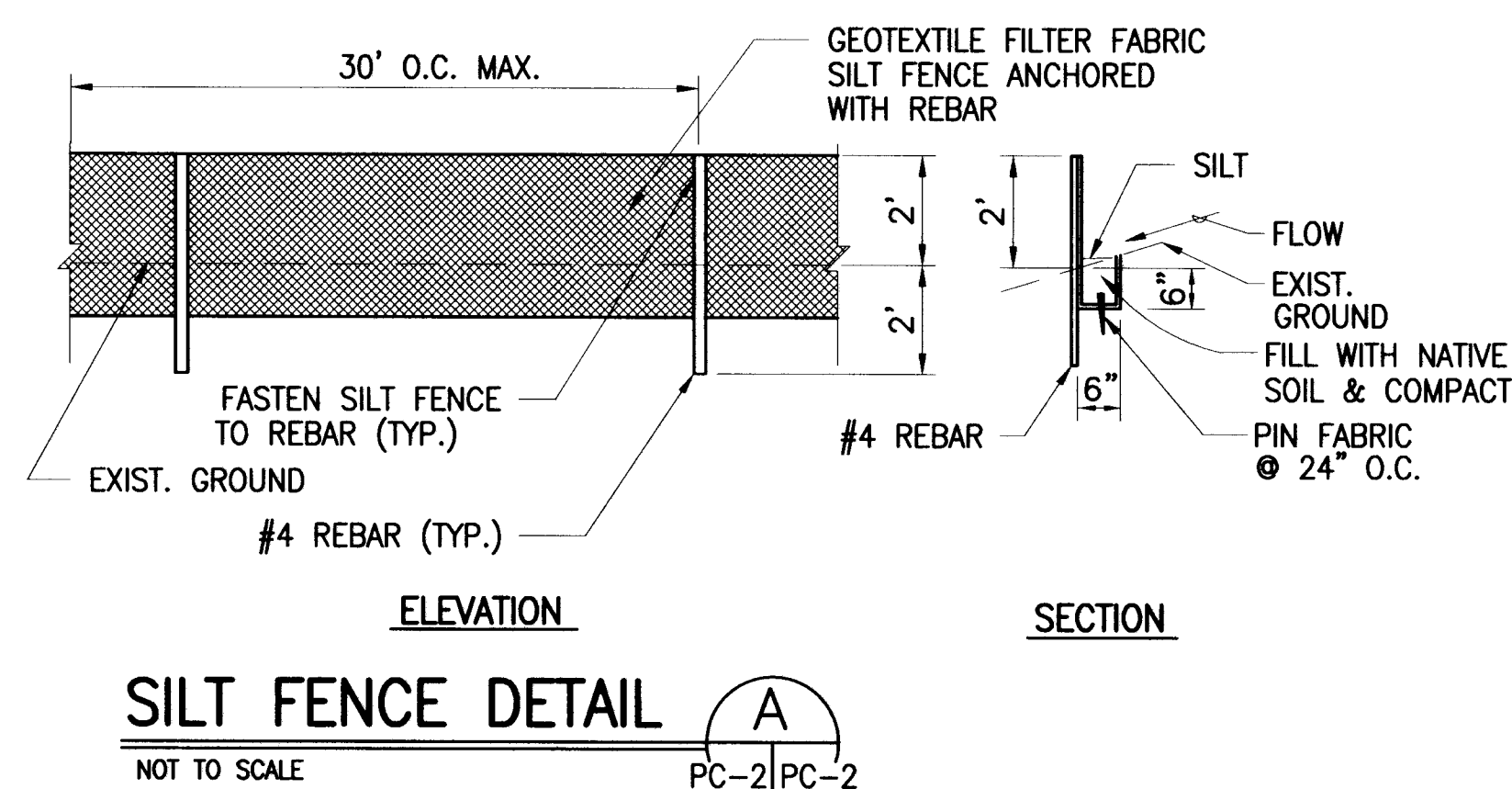
DESIGNED BY: IKN	DRAWN BY: DONATA/RM	CHECKED BY: IKN
APPROVED	SUBMITTED BY: <i>Donata/RM</i>	DATE: 11/31/05

FILE	POCKET	FOLDER	NO.
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**GRADING PLAN**  
SCALE: 1"=10'



#### TEMPORARY EROSION CONTROL MEASURES

1. TEMPORARY VEGETATIVE COVER SHALL BE PLANTED WITHIN A PERIOD OF 30 CALENDAR DAYS AFTER THE SITE HAS BEEN GRADED, OR BARED OF VEGETATION, OR IF FINAL GRADING OF THE SITE WILL BE SUSPENDED FOR MORE THAN 30 CALENDAR DAYS.
2. TEMPORARY VEGETATIVE COVER SHALL CONSIST OF 40 LBS. COMMON RYE GRASS SEED PER ACRE, 400 LBS. PER ACRE 10-10-10 OR EQUIVALENT FERTILIZER WORKED INTO THE SEED BED BEFORE PLANTING. TEMPORARY SPRINKLER SYSTEM IS TO BE INSTALLED CONCURRENTLY WITH ALL PLANTINGS. PLANTING AND MAINTENANCE OF GRASS SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", DATED SEPTEMBER 1986, OF THE DEPARTMENT OF PUBLIC WORKS, COUNTY OF MAUI.

#### EROSION CONTROL NOTES

##### BEST MANAGEMENT PRACTICES (BMP)

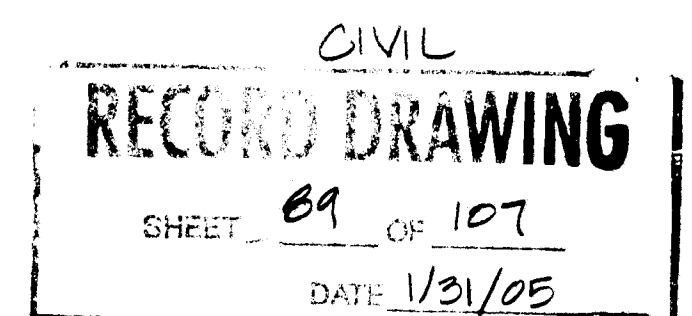
1. SEDIMENT TRAP OR POND FOR EACH OFF-SITE POINT OF DISCHARGE.
2. GRAVEL CONSTRUCTION ENTRANCE FOR EACH INGRESS AND EGRESS.
3. PERIMETER RUNOFF CONTROL
4. MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY EARTH MOVING PHASE OF THE PROJECT IS INITIATED.
5. CONTRACTOR SHALL CONSTRUCT PROCESS WATER BASINS TO ALLOW WASH WATER, FROM CLEANING THE TRUCKS, TO BE CONTAINED WITHIN THE BASIN AND PERCOLATE INTO THE SOIL.
6. ALL UNSURFACED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATERED UNTIL HEALTHY AND STAND OF GRASS IS OBTAINED, UNLESS NOTED ON DRAWINGS TO BE GRAVEL FILL. THE COST FOR GRASS AND TEMPORARY IRRIGATION SHALL BE BORNE BY THE CONTRACTOR.

##### ENVIRONMENTAL PROTECTION NOTES

1. THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL PROVIDE EFFECTIVE MEASURES FOR THE CONTROL OF FUGITIVE DUST EMISSIONS FROM THE PROJECT AND SURROUNDING AREAS CAUSED BY HIS OPERATIONS. THESE MEASURES SHALL MEET THE REQUIREMENTS OF STATE ADMINISTRATIVE RULES, DEPARTMENT OF HEALTH, AIR POLLUTION CONTROL (11-60.1).
2. ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE GRADING ORDINANCE TO PREVENT VIOLATION OF THE STATE ADMINISTRATIVE RULES, DEPARTMENT OF HEALTH, WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS (11-54, 11-55) DUE TO EROSION AND RUN OFF TO STATE WATERS.
3. GRUB MATERIAL, DEMOLITION WASTES, AND CONSTRUCTION WASTES SHALL BE DISPOSED OF AT AN AUTHORIZED SITE HAVING A DEPARTMENT OF HEALTH SOLID WASTE MANAGEMENT PERMIT. OPEN BURNING IS PROHIBITED. THE CONTRACTOR SHALL INFORM THE COUNTY OF THE LOCATION OF THE DISPOSAL SITE. THE DISPOSAL SITE MUST ALSO FULFILL THE REQUIREMENTS OF THE GRADING ORDINANCES.
4. ENVIRONMENTAL PROTECTION NOTES PERTAINING TO AIR AND WATER POLLUTION SHALL BE ADMINISTERED AND MONITORED BY THE DEPARTMENT OF HEALTH.
5. ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE.
6. TEMPORARY VEGETATIVE COVER SHALL BE PLANTED WITHIN A PERIOD OF 30 CALENDAR DAYS AFTER THE SITE HAS BEEN GRADED OR BARED OF VEGETATION OR IF FINAL GRADING OF THE SITE WILL BE SUSPENDED FOR MORE THAN 30 CALENDAR DAYS. TEMPORARY VEGETATIVE COVER SHALL CONSIST OF 40 LBS. COMMON RYE GRASS SEED PER ACRE, 400 LBS. PER ACRE OF 10-10-10 OR EQUIVALENT FERTILIZER WORKED INTO SEED BED BEFORE PLANTING. PLANTING AND MAINTENANCE OF GRASS SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", SEPTEMBER 1986, OF THE DEPARTMENT OF PUBLIC WORKS, COUNTY OF MAUI.

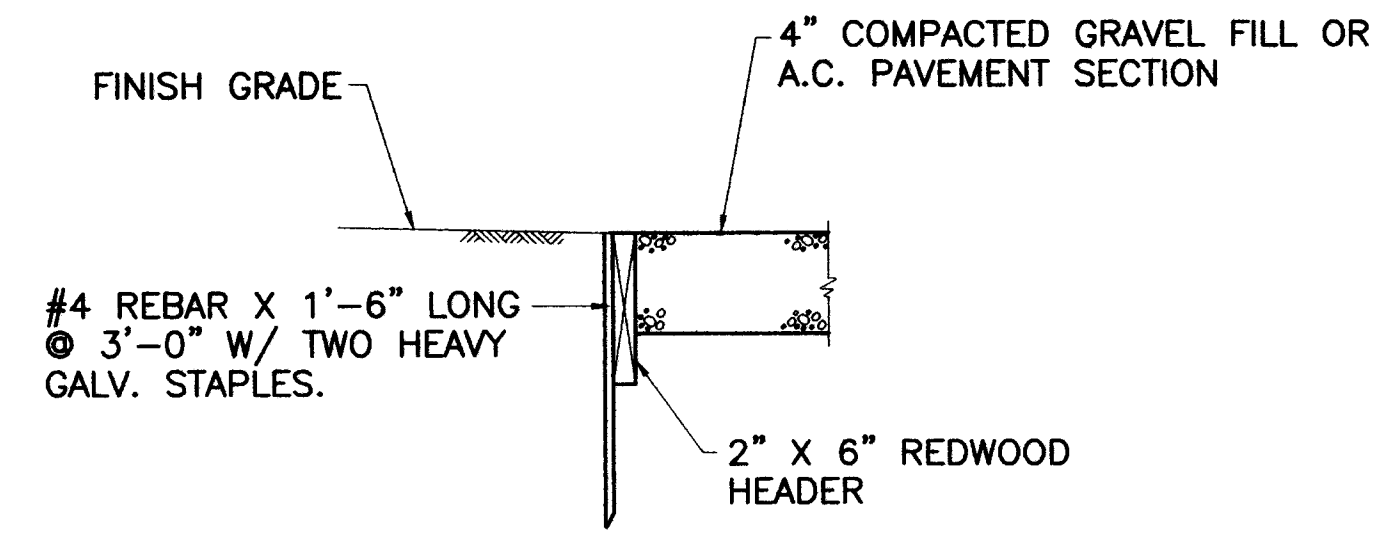
#### TEMPORARY DUST CONTROL MEASURES

1. THE GRADED OR PROJECT SITE THAT IS CLEARED OF VEGETATION SHALL BE KEPT DAMP FOR SEVEN (7) DAYS A WEEK. AT THE END OF EACH DAY, THE SITE SHALL BE SUFFICIENTLY DAMPENED SO THAT THE SITE WILL REMAIN MOISTENED DURING THE NIGHT.
2. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO THAT EXCAVATION, EMBANKMENT, AND IMPORTED MATERIAL SHALL BE DAMPENED TO PREVENT DUST PROBLEMS.
3. IN APPLYING FOR A GRADING PERMIT, THE CONTRACTOR SHALL SUBMIT PLANS, SCHEDULES AND/OR WRITTEN MEASURES WHICH PROVIDE FOR DUST CONTROL. THE DUST CONTROL MEASURES SHALL CONTAIN POSITIVE STATEMENTS WHICH REQUIRE ACTIONS OR WORK THAT PREVENT DUST PROBLEMS. NO PERMITS WILL BE ISSUED UNLESS THE COUNTY IS ASSURED THAT DUST PROBLEMS WILL BE MINIMIZED.
4. THE CONTRACTOR SHALL MAINTAIN A SUITABLE WATER SYSTEM AND DAMPEN THE GRADED OR GRUBBED SITE WITH WATER.

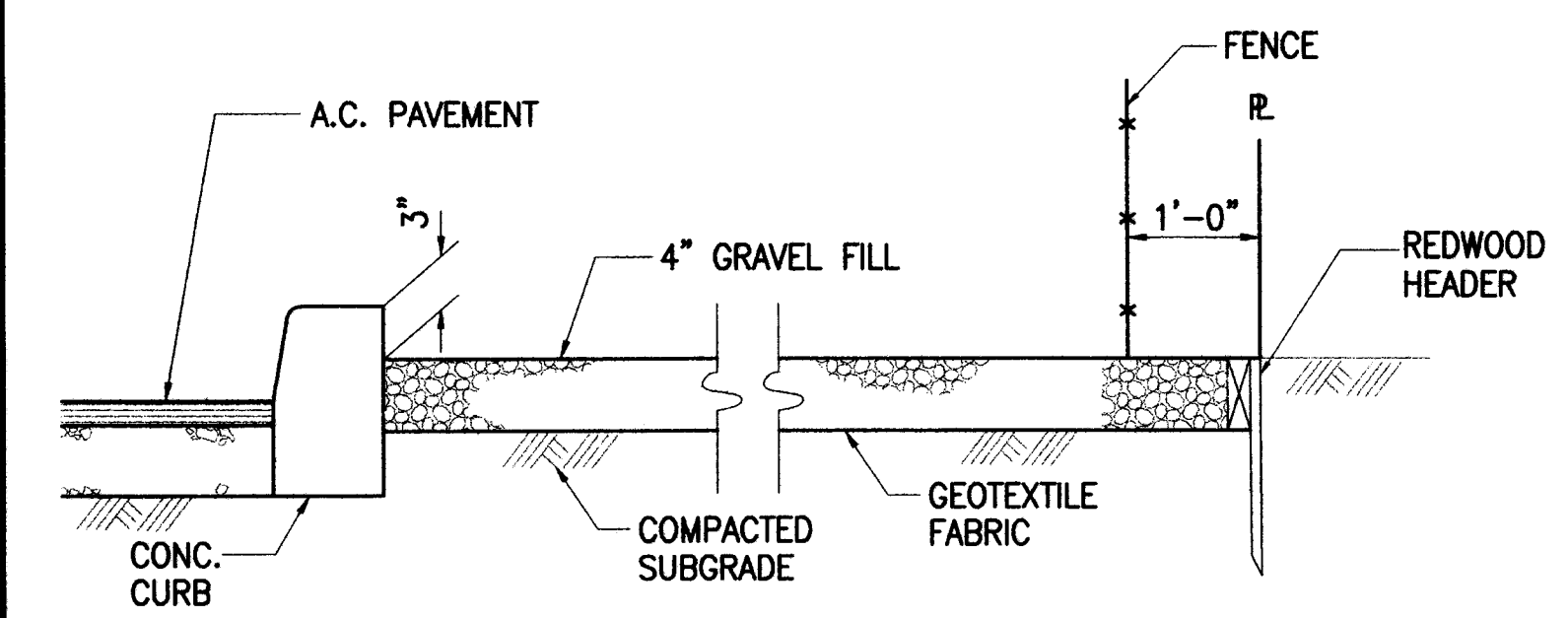


	9	2/1/05	CIVIL AS-BUILT	ATA
	REVISION	DATE	FINAL DRAWING	ATA
	7/1/03	FINAL DRAWING	ATA	MADE BY
	DATE	BRIEF	ATA	APPROVED
<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b> ENGINEERS, SURVEYORS HONOLULU, WAILUKU, HAWAII				
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C. <b>WAIHU KOU PHASE 3</b> TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIHU, WAILUKU, MAUI, HAWAII				
<b>WASTEWATER PUMP STATION GRADING PLAN</b>				
DESIGNED BY: IKN		DRAWN BY: DONATA/RM		CHECKED BY: IKN
APPROVED		SUBMITTED BY: <i>Donata</i>		DATE: 10/3/03
DATE: 10/3/03		DATE: 10/3/03		DATE: 10/3/03
FILE	POCKET	FOLDER	NO.	

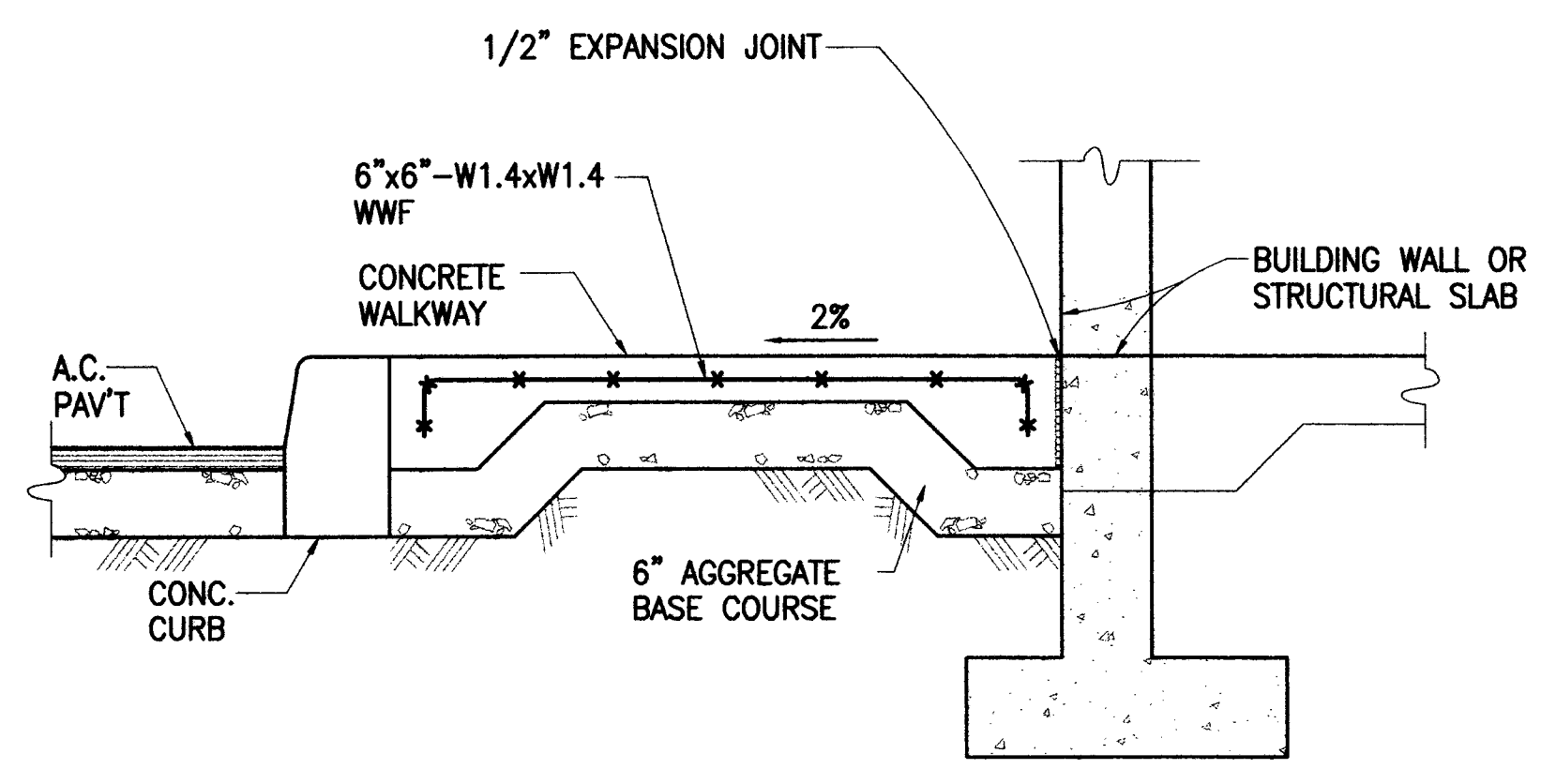




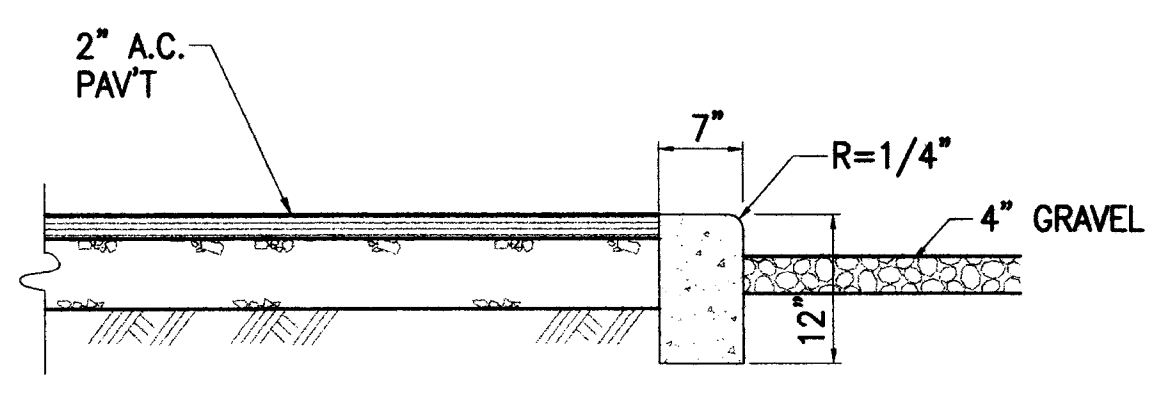
**TYPICAL REDWOOD HEADER DETAIL (A)**  
NOT TO SCALE PC-1 PC-3



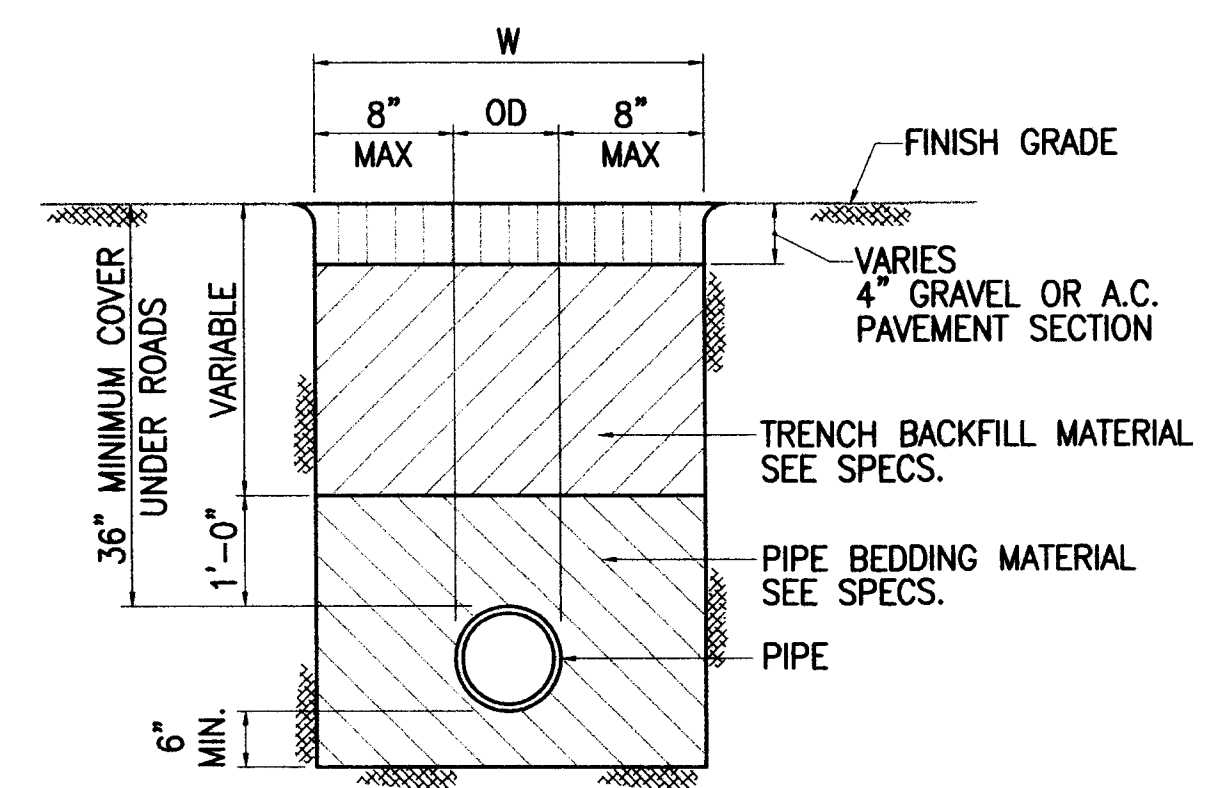
**TYPICAL GRAVEL FILL SECTION (D)**  
NOT TO SCALE PC-1 PC-3



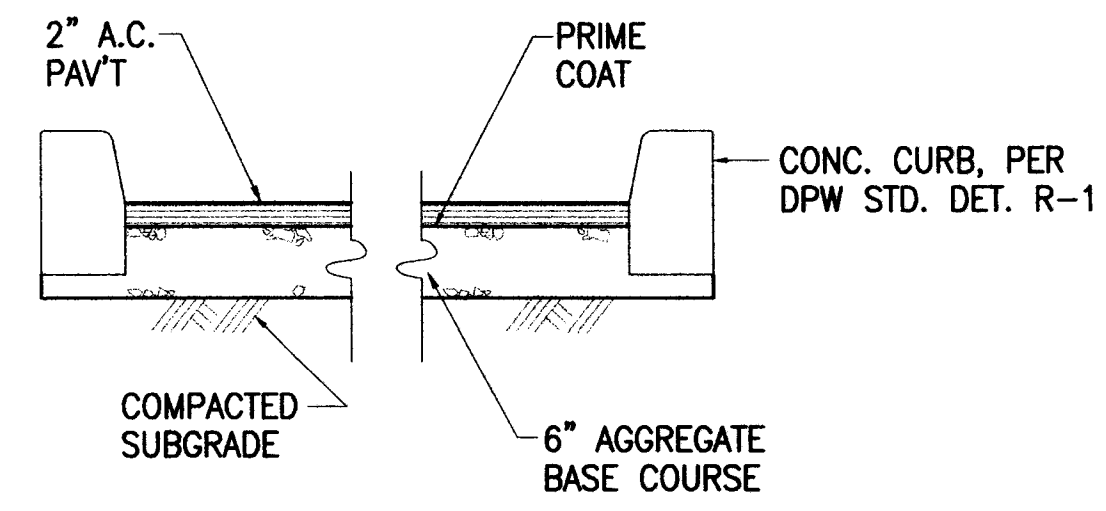
**CONCRETE WALKWAY TO WALL (G)**  
NOT TO SCALE PC-1 PC-3



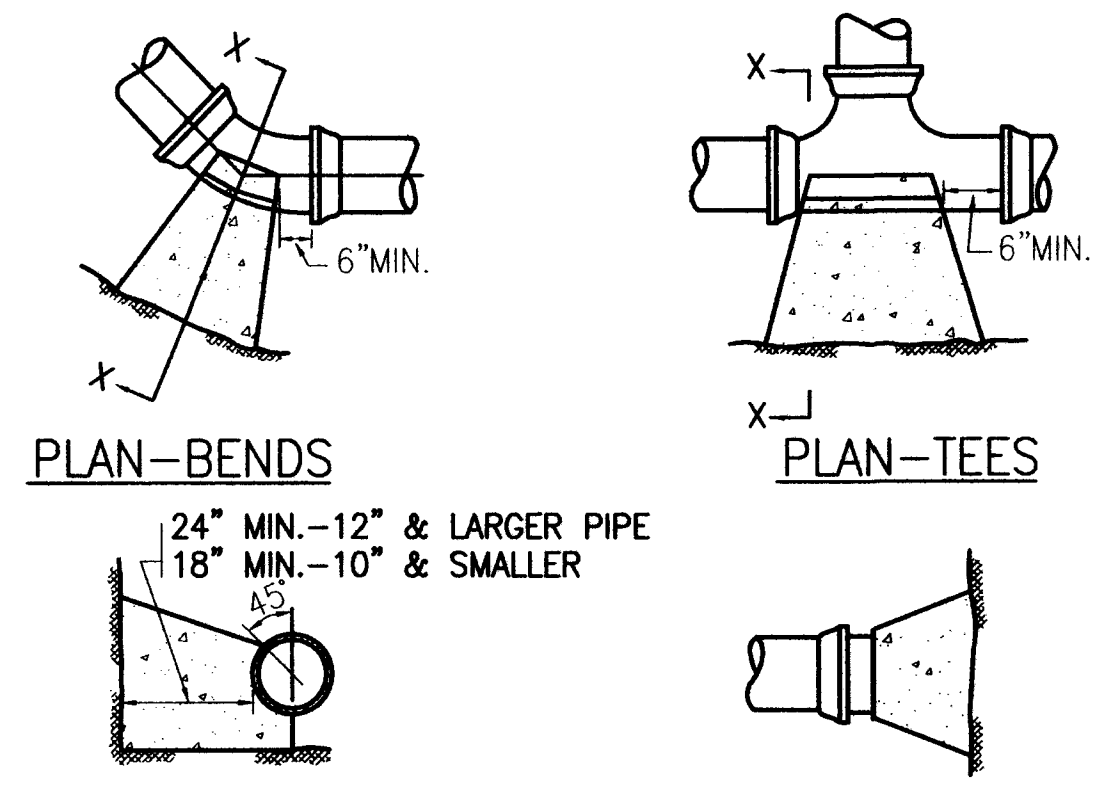
**CONCRETE HEADER (H)**  
NOT TO SCALE PC-1 PC-3



**STANDARD PIPE TRENCH BEDDING (B)**  
NOT TO SCALE PC-3



**TYPICAL A.C. PAVEMENT SECTION (E)**  
NOT TO SCALE PC-3

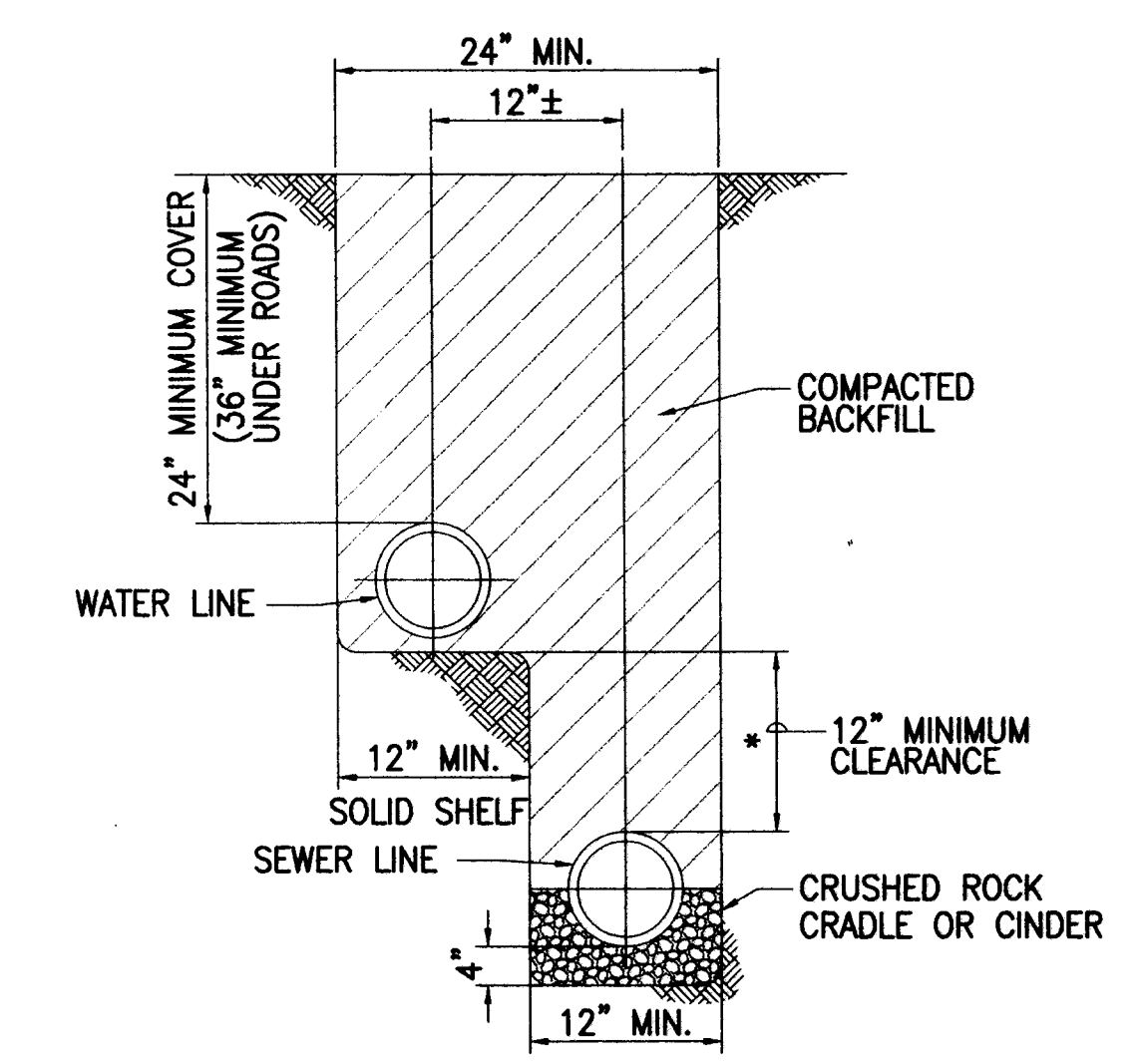


**SECTION X-X-BENDS & TEES PLAN & ELEVATION-PLUGS**

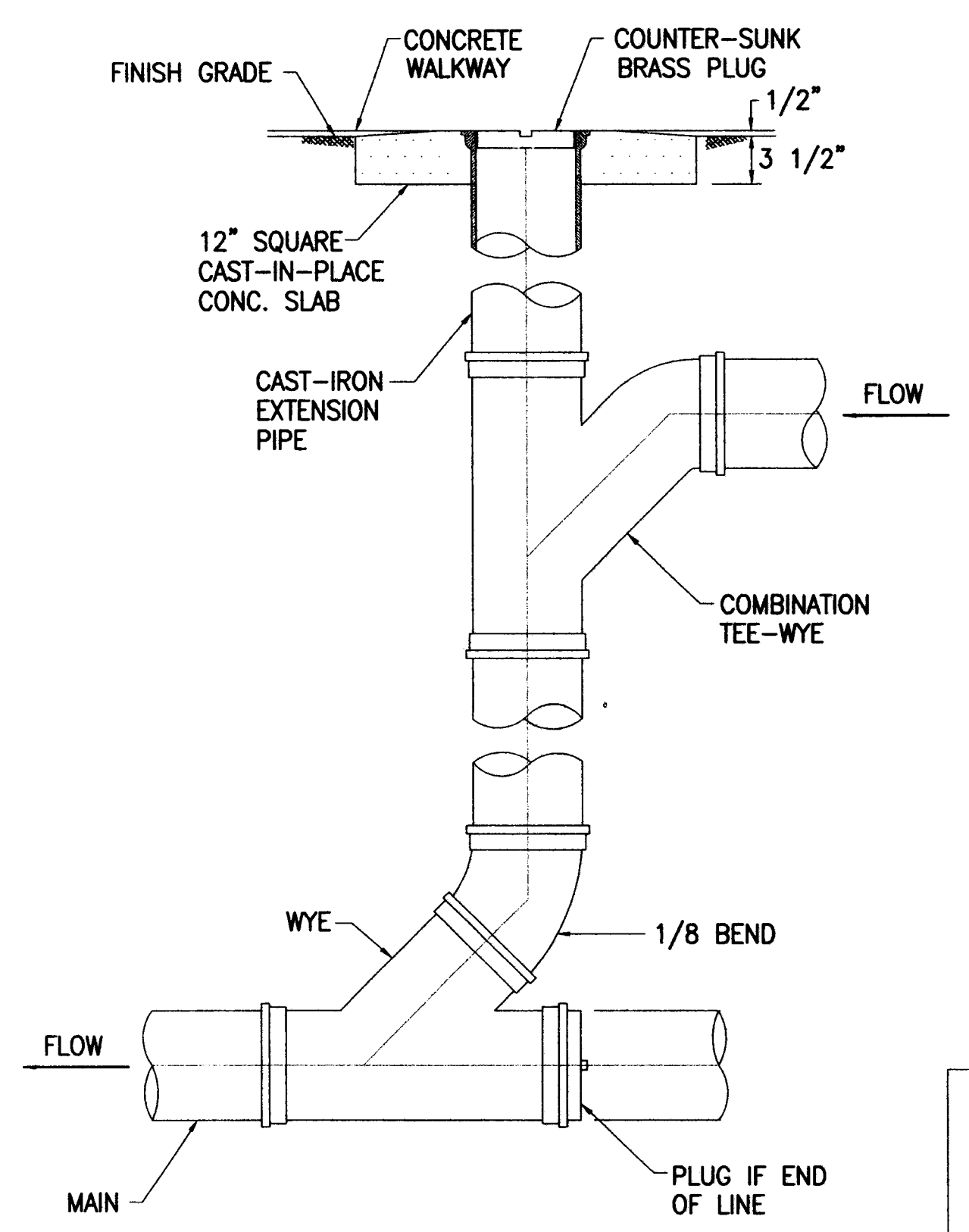
MINIMUM BEARING AREAS (SF) FOR HORIZONTAL THRUST BLOCKS					
SIZE	1/4 BENDS	1/8 BENDS	1/16 BENDS	TEES	PLUGS
4"	2.5	1.5	1.0	1.5	1.5
6"	5.0	3.0	1.5	3.5	3.5
8"	9.0	5.0	2.5	6.5	6.5
12"	20.0	11.0	5.5	14.0	14.0

NOTE: BASED ON 100 P.S.I. STATIC PRESSURE PLUS WATER HAMMER. ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED GROUND. CLASS D (2000 P.S.F. LATERAL BEARING PRESSURE) OR BETTER MATERIAL.

**THRUST BLOCKS (I)**  
NOT TO SCALE PC-3



**TYPICAL UTILITY TRENCH SECTION (C)**  
NOT TO SCALE PC-3



**CLEAN OUT TO GRADE DETAIL (F)**  
NOT TO SCALE PC-1 PC-3

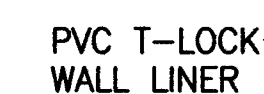
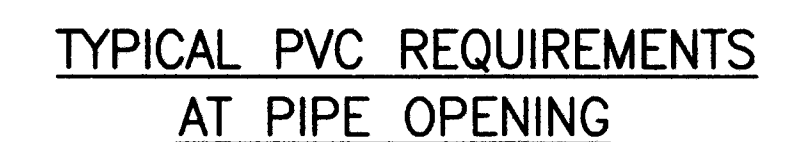
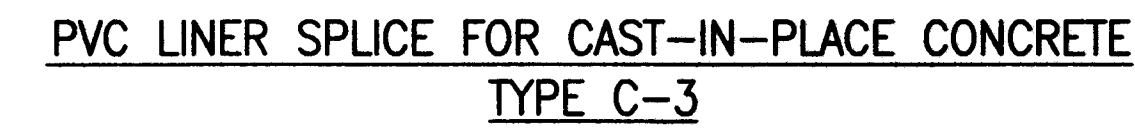
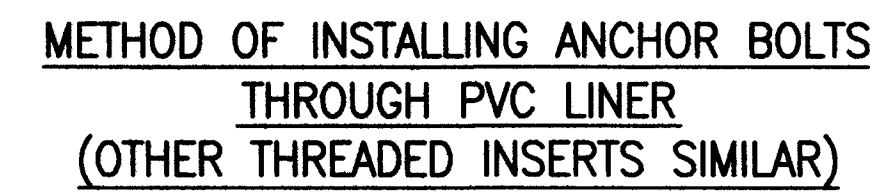
**CIVIL RECORD DRAWING**  
SHEET 89 OF 107  
DATE 1/31/05

**IVAN K. NAKATSUKA**  
LICENSED PROFESSIONAL ENGINEER  
No. 4759-C  
HAWAII, U.S.A.

**DOHOKU M. FUJII**  
LICENSED PROFESSIONAL ENGINEER  
No. 7245-C  
HAWAII, U.S.A.

DESIGNED BY IKN	DRAWN BY LLA	CHECKED BY IKN
APPROVED	SUBMITTED BY <i>Ranley J. J. L.</i>	DATE 7/1/03
FILE	POCKET	FOLDER
		NO.





NOTE: UNDERSIDE OF TOP SLABS SHALL BE LINED  
BOTTOM OF STRUCTURES WILL NOT BE LINED.

NOTES:

1. DETAILS SHOWN ARE FOR SHEET LINER OPTIONS.  
IF CONTRACTOR SELECTS SEMI-RIGID LINER OPTION,  
THEN INSTALLATION DETAILS SHALL BE REVIEWED AS  
PART OF CONTRACTOR'S SHOP DRAWING SUBMITTAL.
2. UNDERSIDE OF TOP SLABS SHALL BE LINED.  
BOTTOM OF STRUCTURES WILL NOT BE LINED

JOB NO. 0-01-550  
FN: X:\01-550\pump station\PC-4.dwg

**PVC LINER DETAILS**

NOT TO SCALE

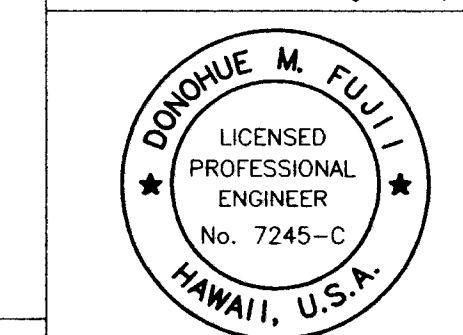
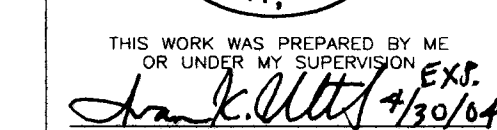
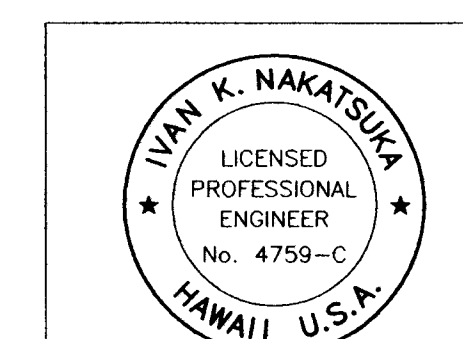
PM-1 | PC-4

A


CIVIL  
RECORD DRAWING  
SHEET 90 OF 107  
DATE 1/31/05

0 1 2  
LINE IS 2 INCHES AT FULL SIZE  
(If NOT 2-inches : Scale Accordingly)


DWG. NO. **PC-4**  
SHEET 87 OF 106



CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN SECTION 16-115-2, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

	7/1/03	FINAL DRAWING	ATA	
REVISION	DATE	BRIEF	MADE BY	APPROVED

	<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b>	
ENGINEERS, SURVEYORS	•	HONOLULU, WAILUKU, HAWAII

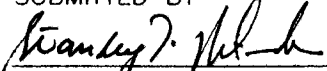
DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.

WAIIEHU KOU PHASE 3

TAX MAP KEY: 3-2-12-3 AND 3-2-13-9  
WAIHAE, WAILUKU, MAUI, HAWAII

MISCELLANEOUS  
CIVIL DETAILS 2

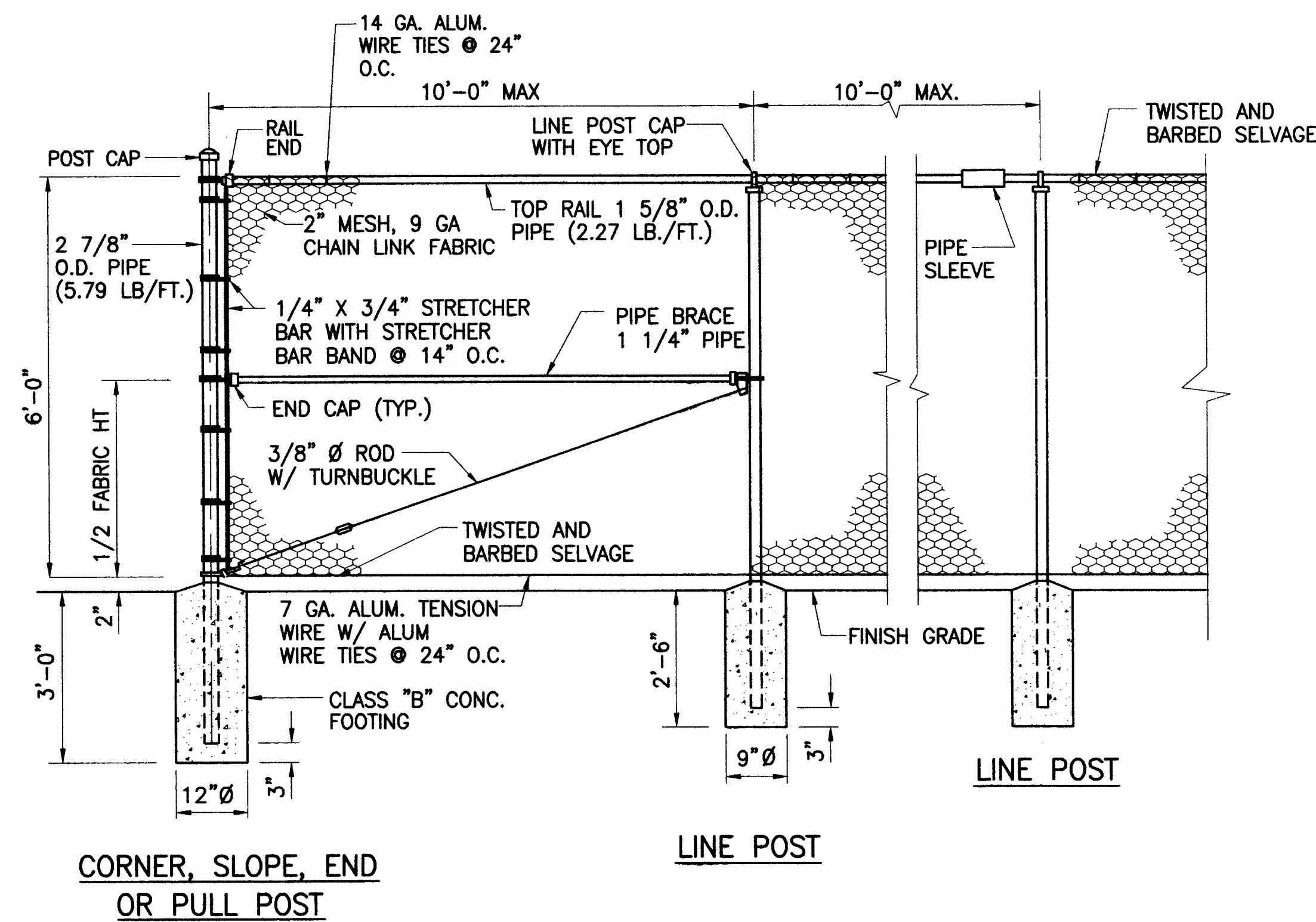
DESIGNED BY IKN	DRAWN BY LLA	CHECKED BY IKN
APPROVED	SUBMITTED BY	
		
DATE	FIRM MEMBER	DATE

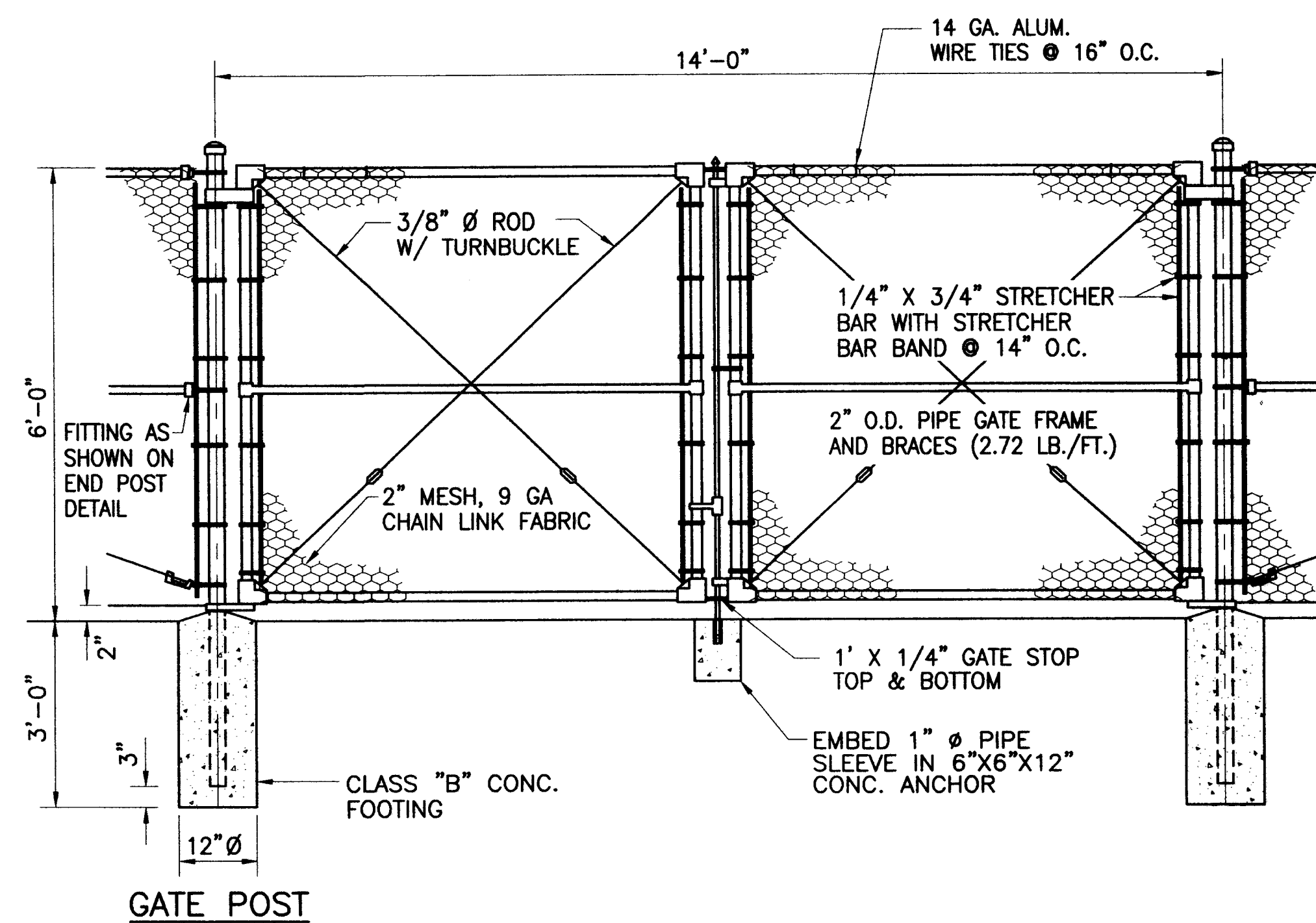
FILE	POCKET	FOLDER	NO.
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FILE	POCKET	FOLDER	NO.
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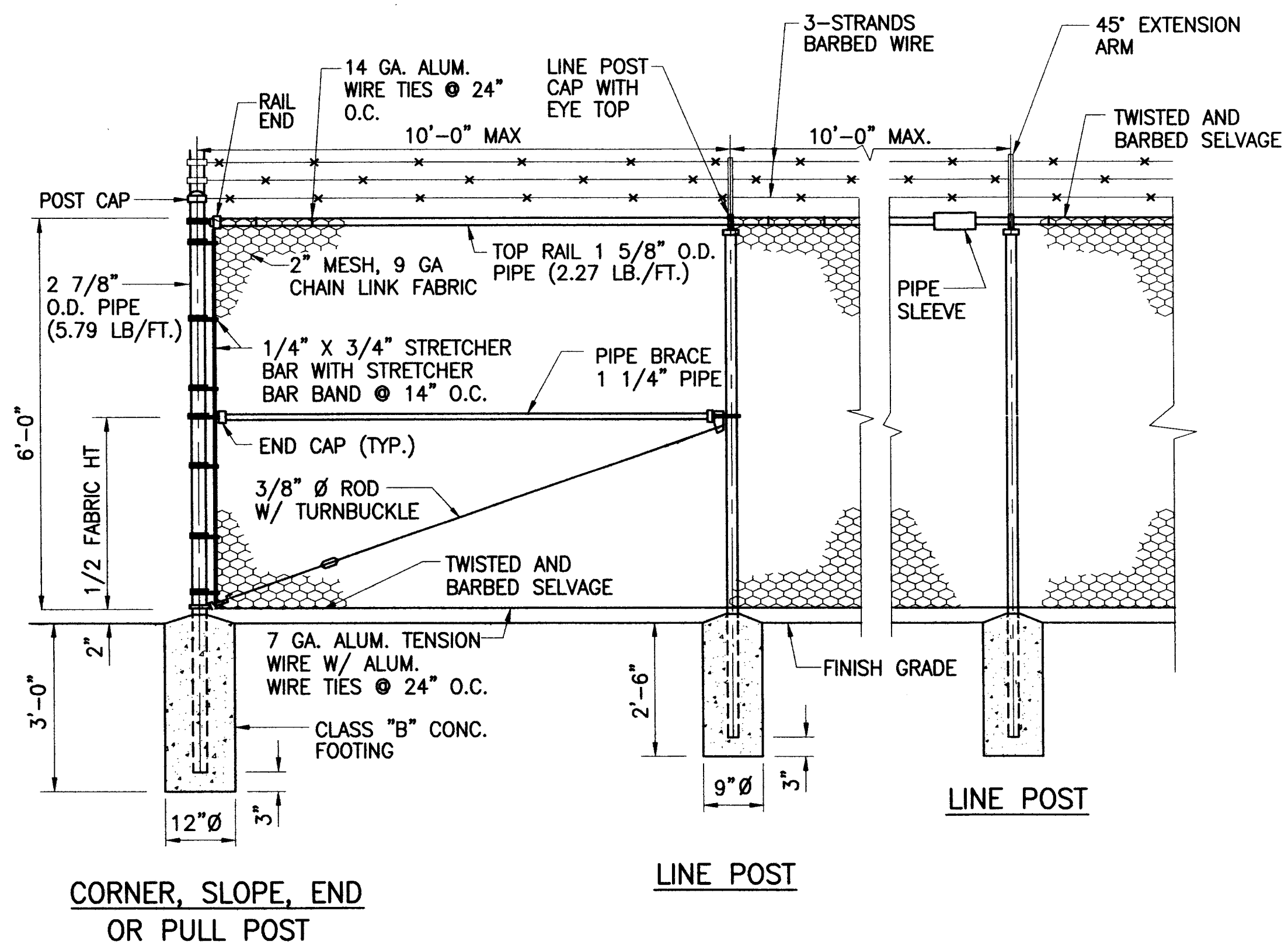




CHAIN LINK FENCE DETAIL A  
NOT TO SCALE  
PC-1|PC-5



CHAIN LINK GATE DETAIL B  
NOT TO SCALE  
PC-1|PC-5

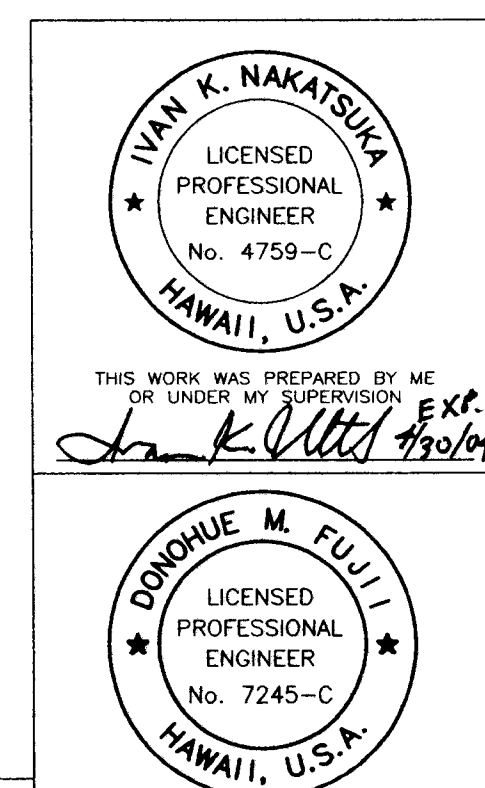


CHAIN LINK FENCE W/ BARBED WIRE DETAIL C  
NOT TO SCALE  
PC-1|PC-5

NOTES:

- FENCING MATERIAL SHALL BE OF ANODIZED ALUMINUM, AS CALLED FOR IN THE SPECIFICATIONS.
- POSTS, BRACES AND GATE FRAMES SHALL BE SCHEDULE 40 (STANDARD WEIGHT) PIPE. SIZES SPECIFIED ARE NOMINAL DIAMETER.
- DOUBLE SWING GATE SHALL BE PROVIDED WITH TUBULAR PLUNGER BAR, 1 LOCK KEEPER, 1 LOCK KEEPER GUIDE, 2 LATCH FORKS, 2 FORK CATCHES, 1 CATCH FOR PLUNGER BAR AND 2 GATE STOPS, LOCATED AS DIRECTED BY THE ENGINEER.
- PADLOCK AS APPROVED BY OWNER.
- POSTS, CAPS AND OTHER NECESSARY FENCE FITTINGS SHALL BE AS MANUFACTURED BY THE FENCE MANUFACTURER, OR EQUAL, EXCEPT HINGES SHALL BE OF ANODIZED ALUMINUM.
- POSTS SHALL BE SPACED EQUIDISTANT, BUT NOT MORE THAN 10' O.C.
- POSTS IN CONCRETE FOOTING TO HAVE HEAVY COAT OF BITUMINOUS MASTIC.

CIVIL  
RECORD DRAWING  
SHEET 91 OF 107  
DATE 1/31/05



DESIGNED BY	DATE	FINAL DRAWING	BRIEF	MADE BY	APPROVED
ATA	7/1/03			ATA	

**AUSTIN, TSUTSUMI & ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.

WAIIEHU KOU PHASE 3  
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9  
WAIIEHU, WAILUKU, MAUI, HAWAII

FENCE DETAILS

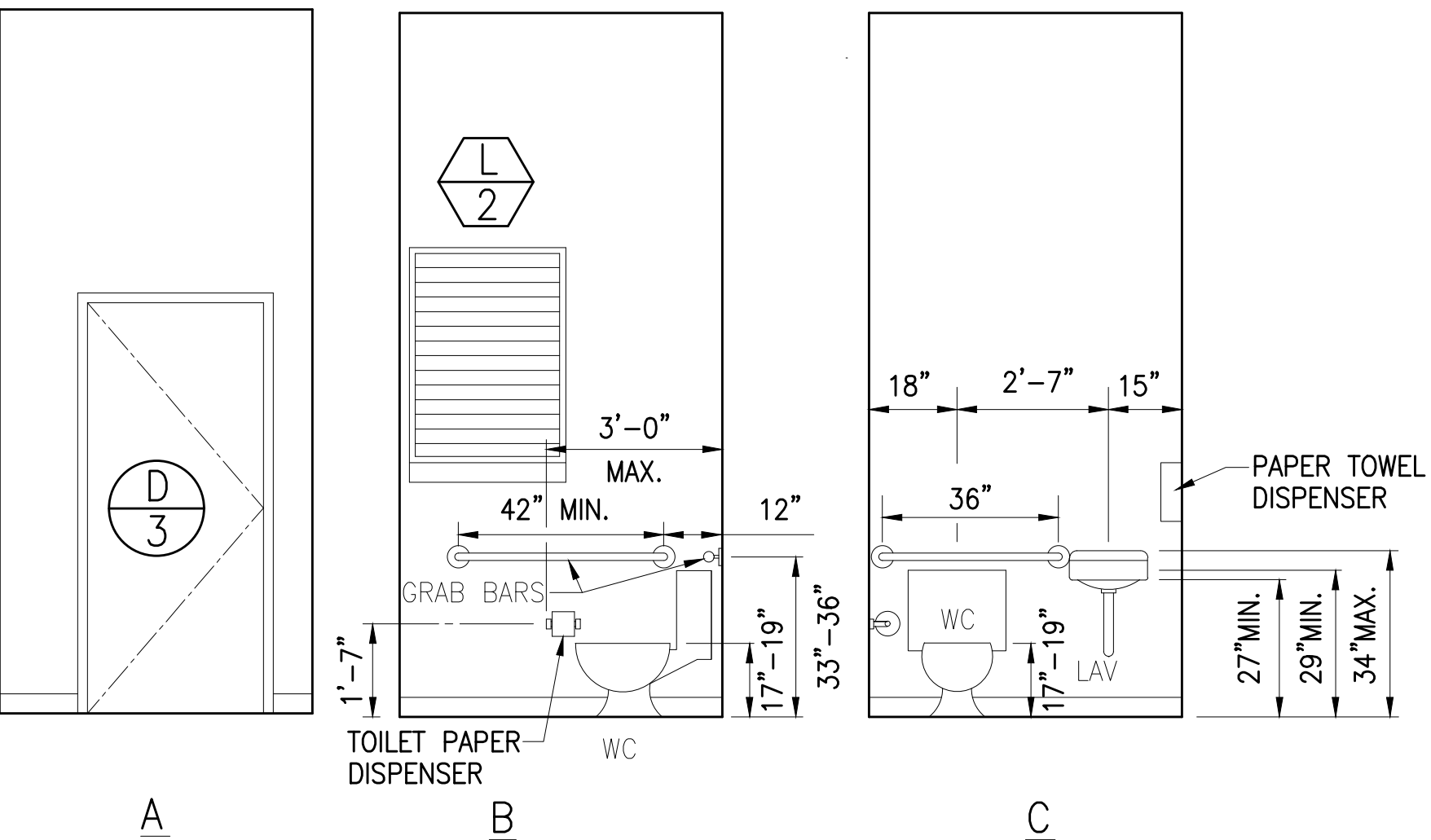
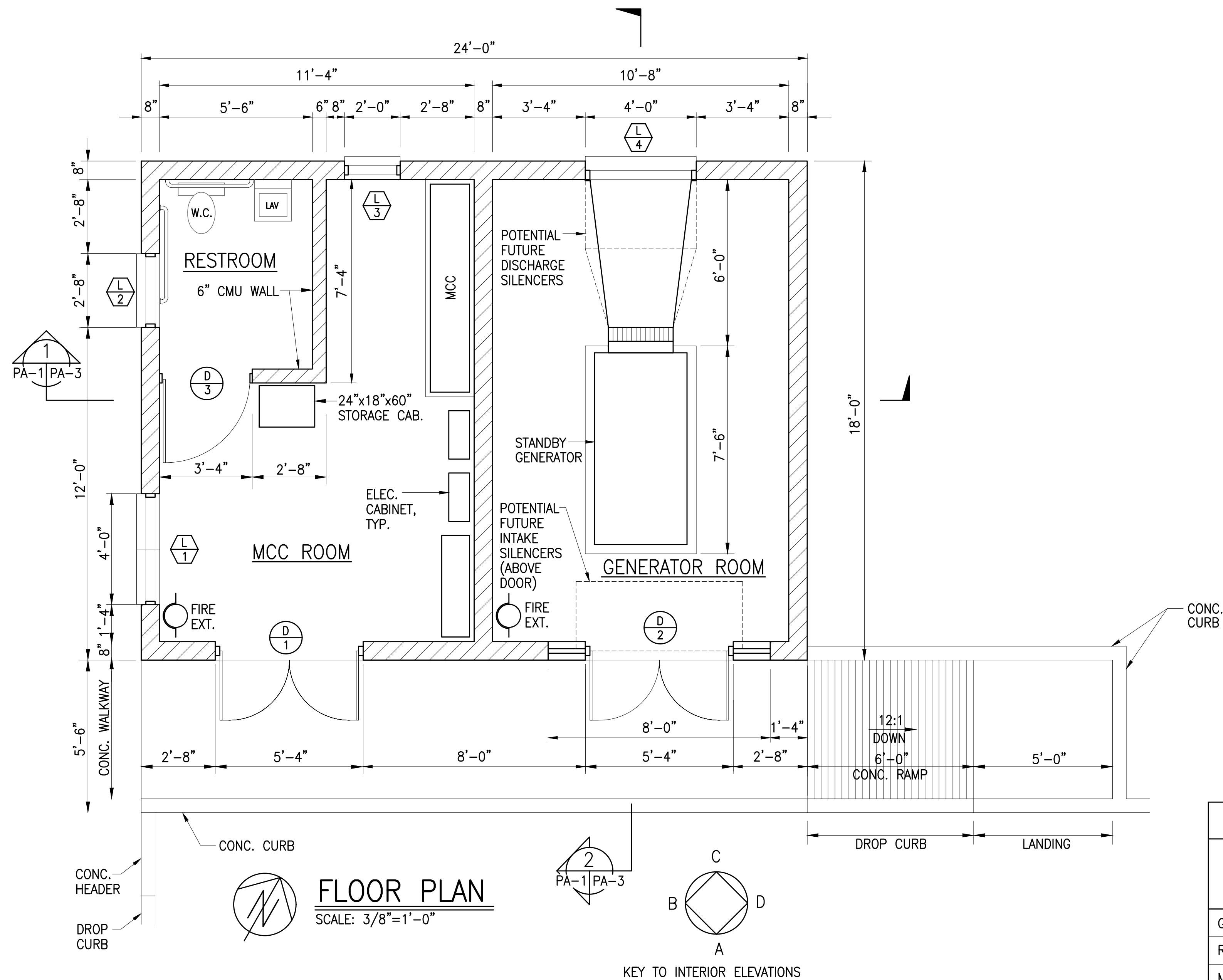
DESIGNED BY IKN  
DRAWN BY LLA  
CHECKED BY IKN

APPROVED  
SUBMITTED BY  
DATE 1/1/03

FILE POCKET FOLDER NO.

DWG. NO. PC-5  
SHEET 88 OF 106





RESTROOM INTERIOR ELEVATIONS  
SCALE: 3/8" = 1'-0"

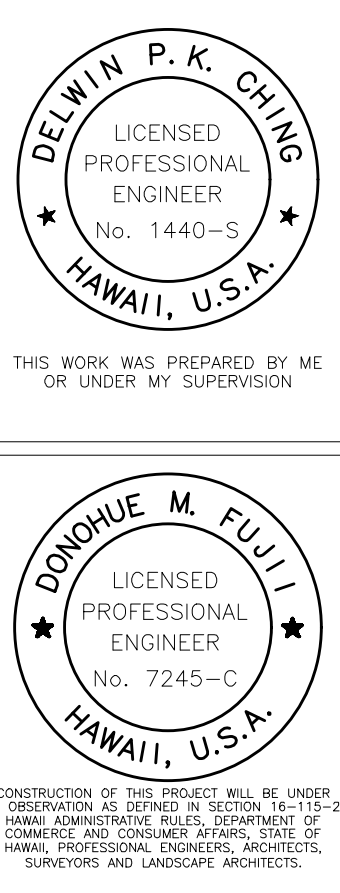
NOTE: FOR RESTROOM PLUMBING PLAN AND PIPING DIAGRAM, SEE DETAILS A, B AND C ON DWG. PM-3.

CONTROL BUILDING ROOM FINISH SCHEDULE					
LOCATION	FLOOR	BASE	WALL	CEILING	REMARKS
	VINYL FLOOR	EPOXY PAINTING	PAINTED	PAINTED	
GENERATOR ROOM			●	●	EPOXY PAINT WALLS TO 4'-0" HIGH.
RESTROOM	●	●	●		
MCC ROOM			●		

JOB NO. 0-01-550  
FN: X:\01-550\pump station\PA-1.dwg

0 1 2  
LINE IS 2 INCHES AT FULL SIZE  
(IF NOT 2-INCHES : Scale Accordingly)

DWG. NO. **PA-1**  
SHEET 89 OF 106



REVISION	DATE	BRIEF	MADE BY	APPROVED
	7/1/03	FINAL DRAWING	ATA	

**AUSTIN, TSUTSUMI & ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.

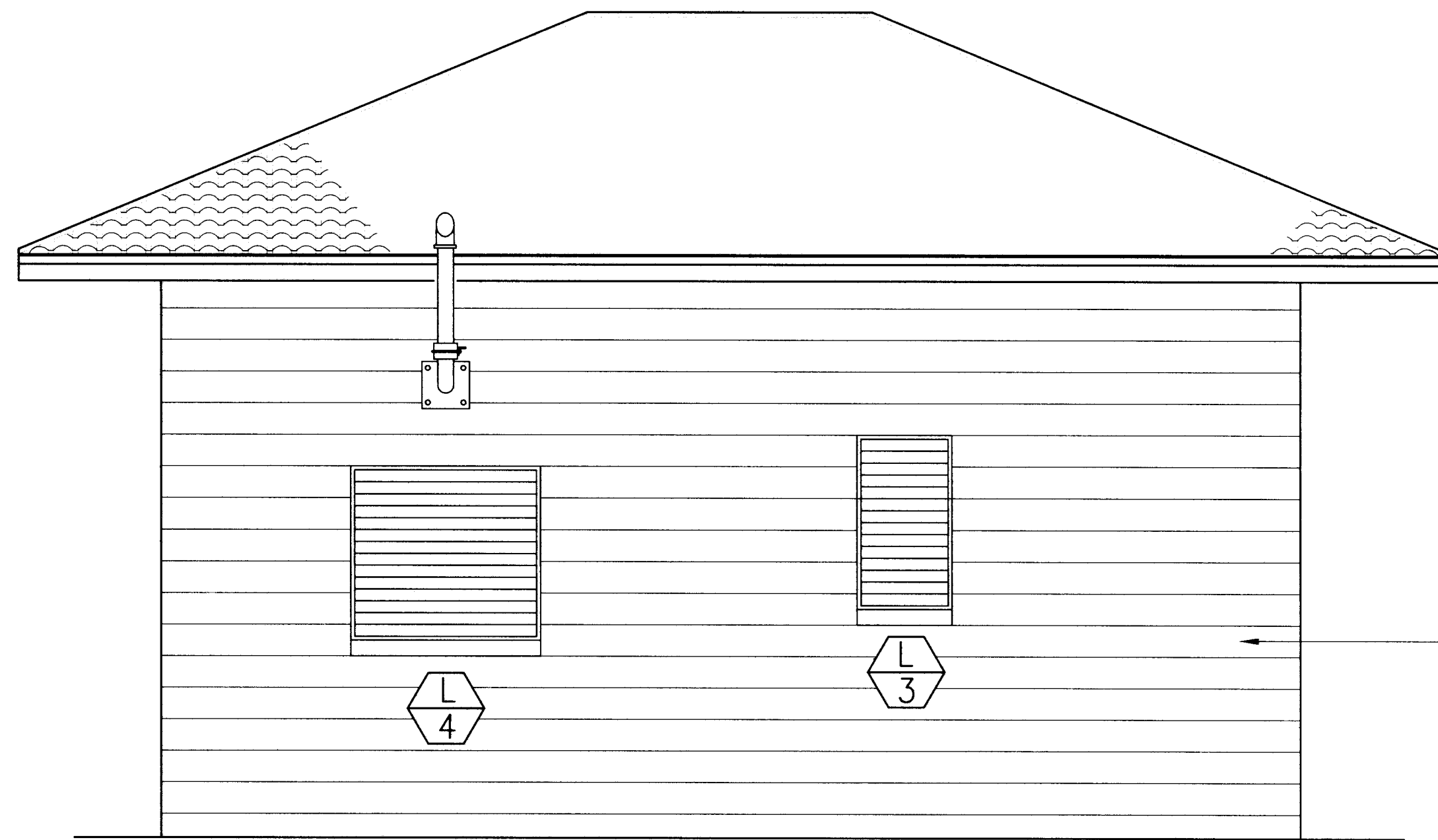
WAIEHU KOU PHASE 3  
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9  
WAIEHU, WAILUKU, MAUI, HAWAII

**CONTROL BUILDING  
FLOOR PLAN, INTERIOR ELEVATION  
AND FINISH SCHEDULE**

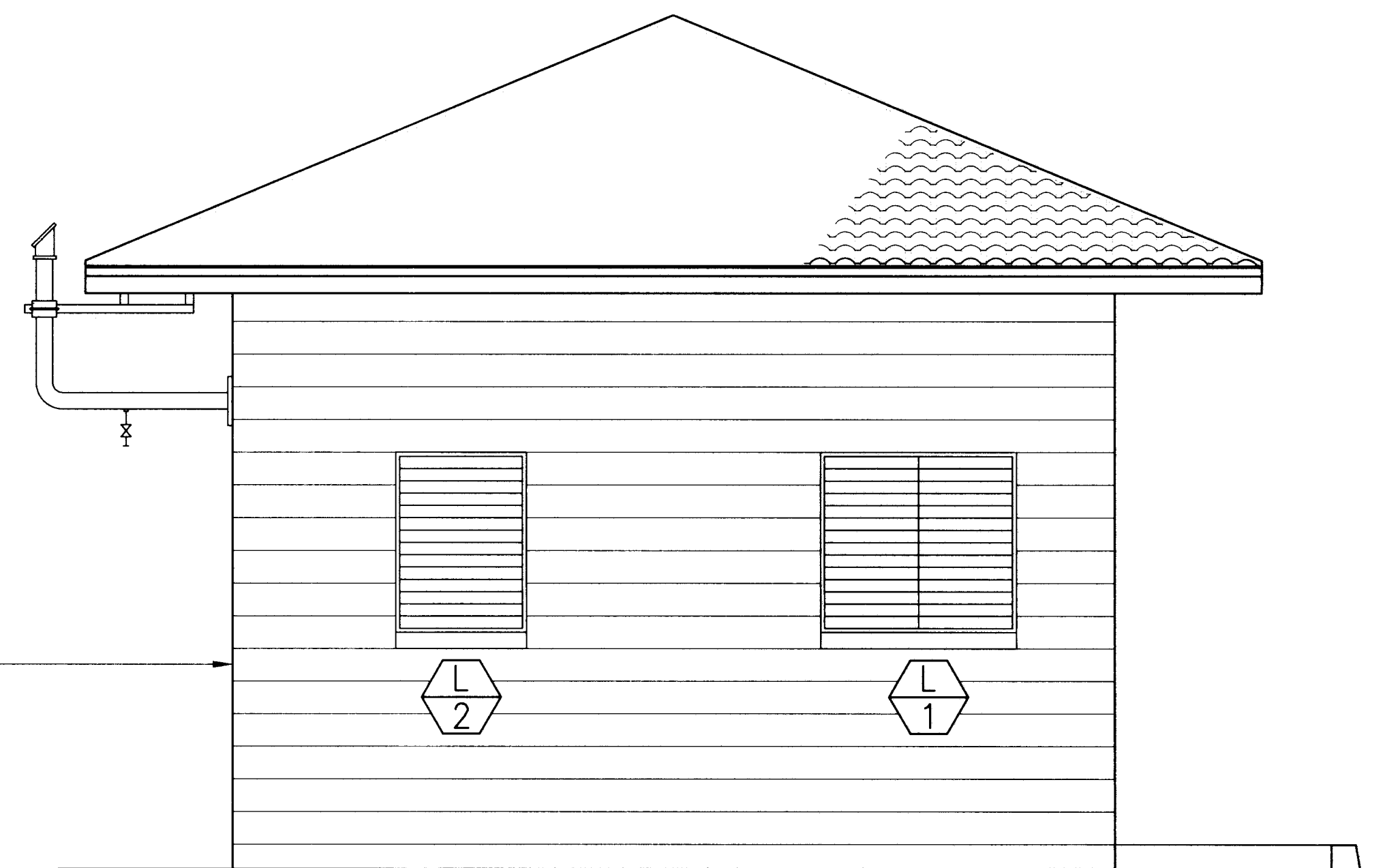
DESIGNED BY: [KN]	DRAWN BY: [LA]	CHECKED BY: [DC]
APPROVED	SUBMITTED BY	
DATE	FIRM MEMBER	DATE

FILE	POCKET	FOLDER	NO.

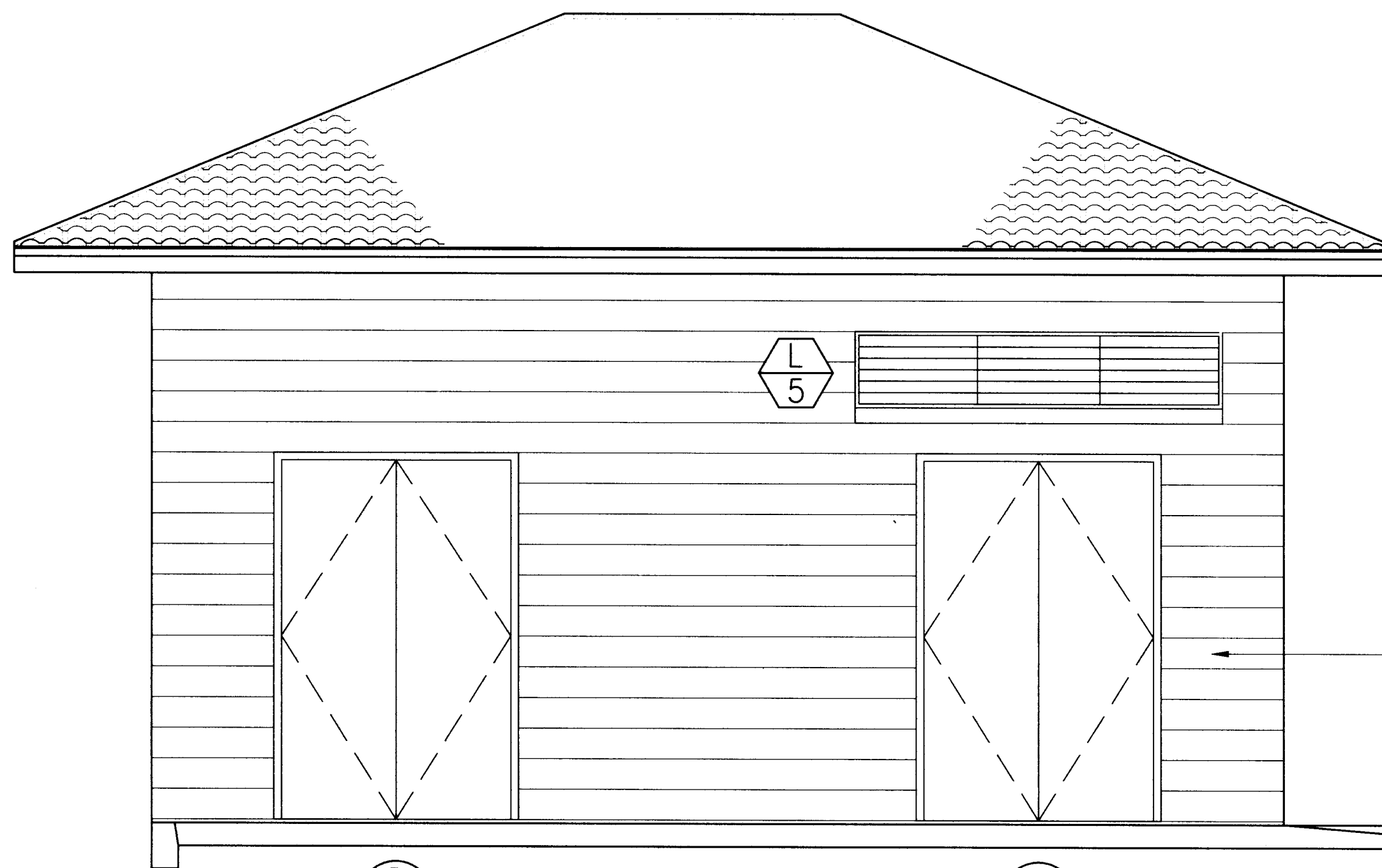




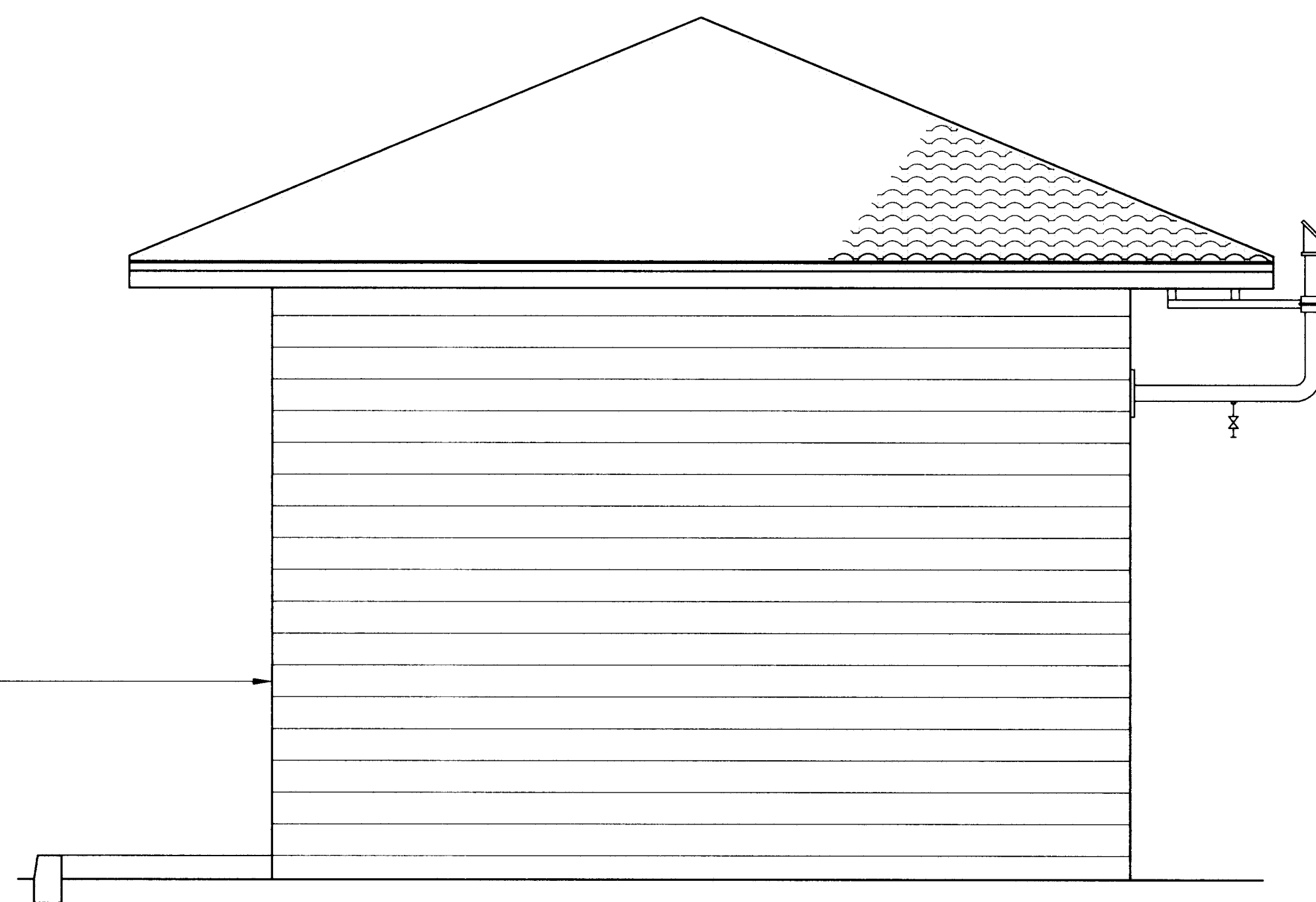
NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

EXTERIOR ELEVATIONS

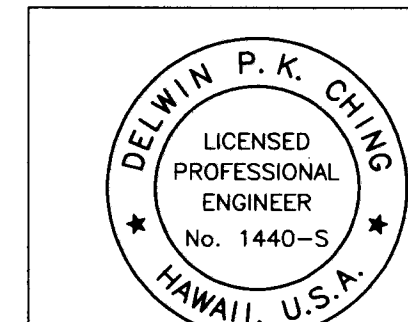
SCALE: 3/8"=1'-0"

CMU WALL

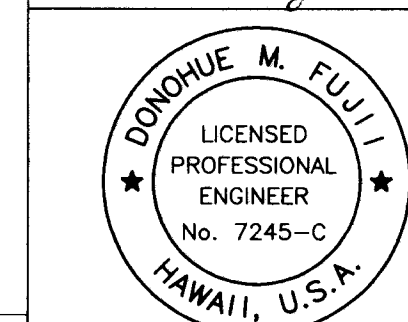
CMU WALL

CONC. RAMP

CIVIL  
RECORD DRAWING  
SHEET 93 OF 107  
DATE 1/31/05



THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Delwin P. K. Ching* 1/30/04



CONSTRUCTION OF THIS PROJECT SHALL BE UNDER  
MY OBSERVATION AS DEFINED IN SECTION 10-115-2,  
HAWAII ADMINISTRATIVE RULES, GOVERNMENT OF  
HAWAII, PROFESSIONAL ENGINEERS, ARCHITECTS,  
LANDSCAPE ARCHITECTS AND SURVEYORS.

REVISION	DATE	BRIEF	MADE BY	APPROVED
7/1/03	FINAL DRAWING	ATA		

**AUSTIN, TSUTSUMI & ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.  
WAIEHU KOU PHASE 3  
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9  
WAIEHU, WAILUKU, MAUI, HAWAII  
**CONTROL BUILDING  
EXTERIOR ELEVATIONS**

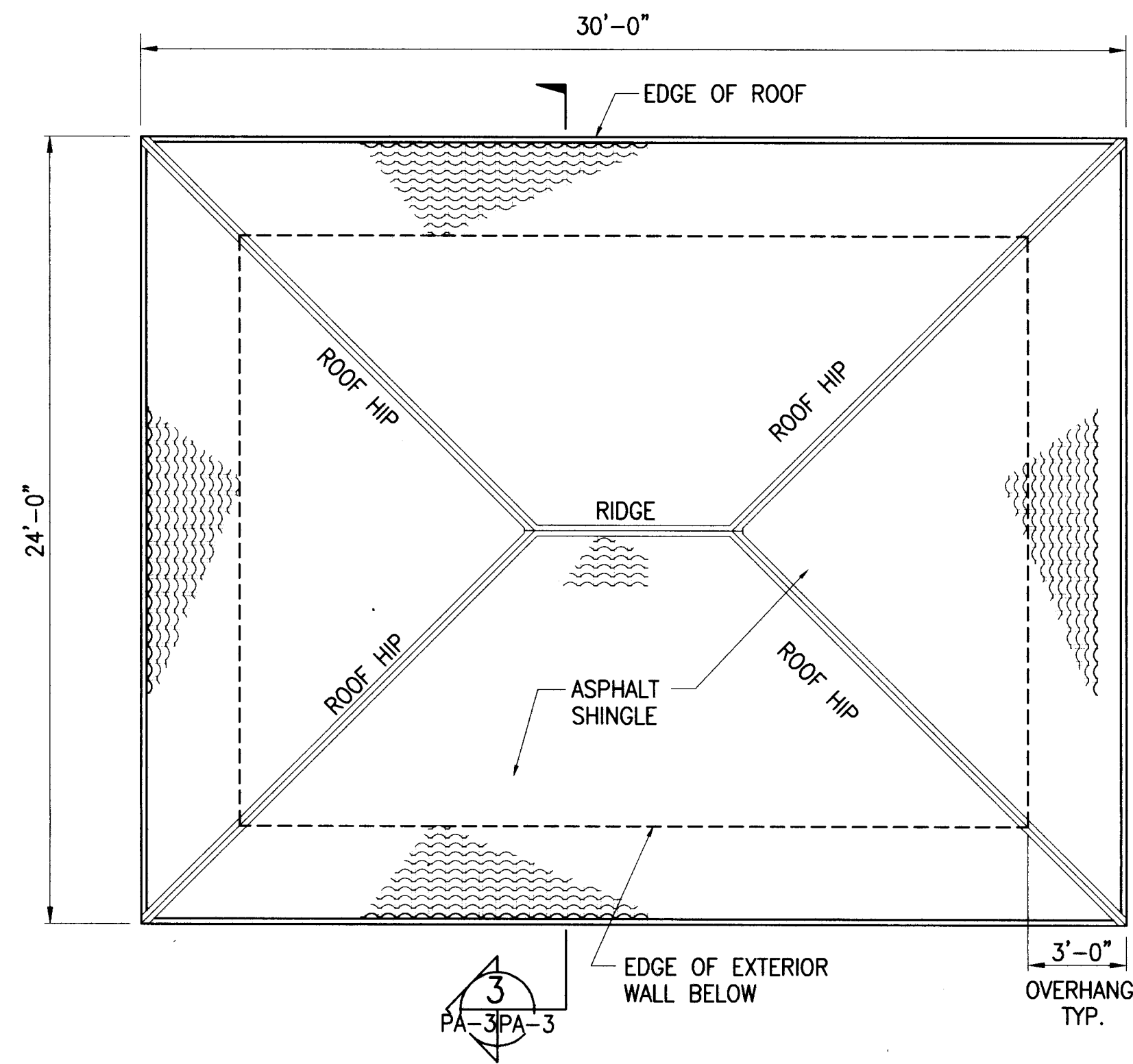
DESIGNED BY: IKN DRAWN BY: DONATA/LLA CHECKED BY: DC

APPROVED SUBMITTED BY  
DATE FIRM MEMBER DATE

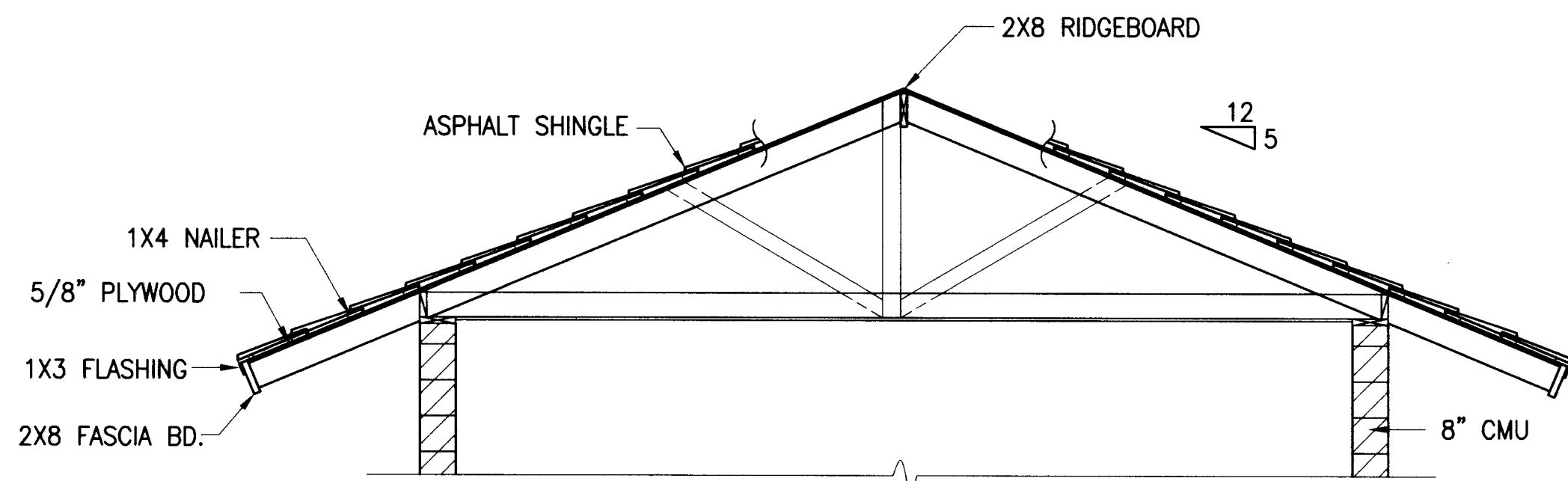
0 1 2  
LINE IS 2 INCHES AT FULL SIZE  
(IF NOT 2-INCHES : Scale Accordingly)

DWG. NO. **PA-2**  
SHEET 90 OF 106

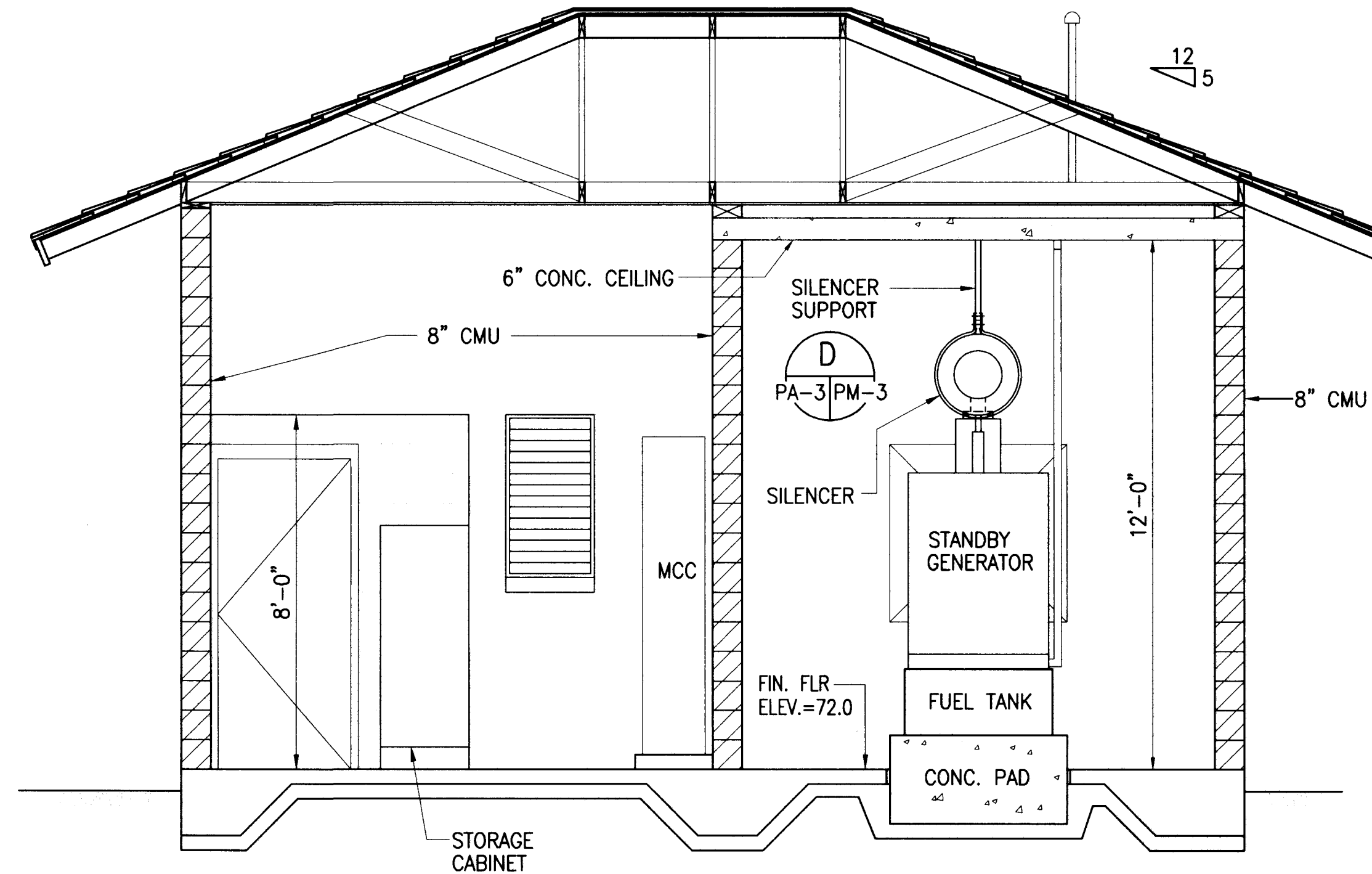




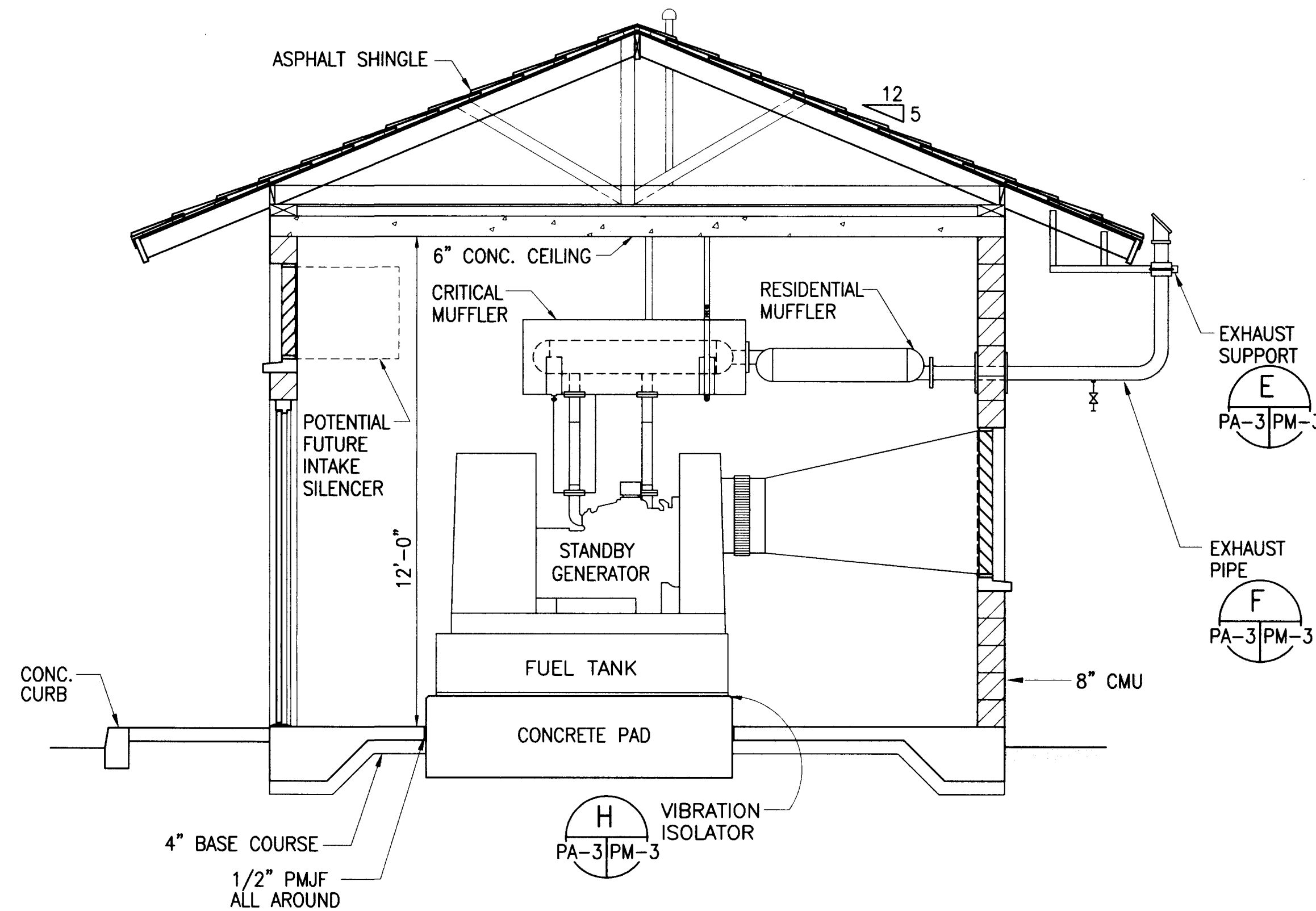
**ROOF PLAN**  
SCALE: 1/4"=1'-0"



**SECTION 3**  
SCALE: 3/8"=1'-0" PA-3/PA-3

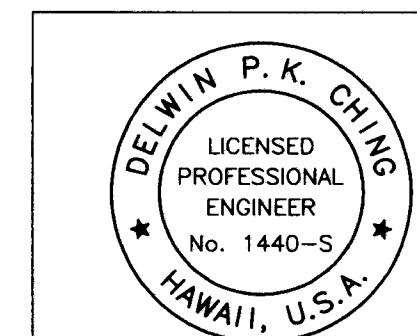


**SECTION 1**  
SCALE: 3/8"=1'-0" PA-1/PA-3

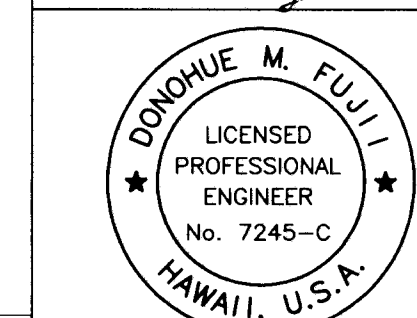


**SECTION 2**  
SCALE: 3/8"=1'-0" PA-2/PA-3

CIVIL  
**RECORD DRAWING**  
SHEET 94 OF 107  
DATE 1/31/05



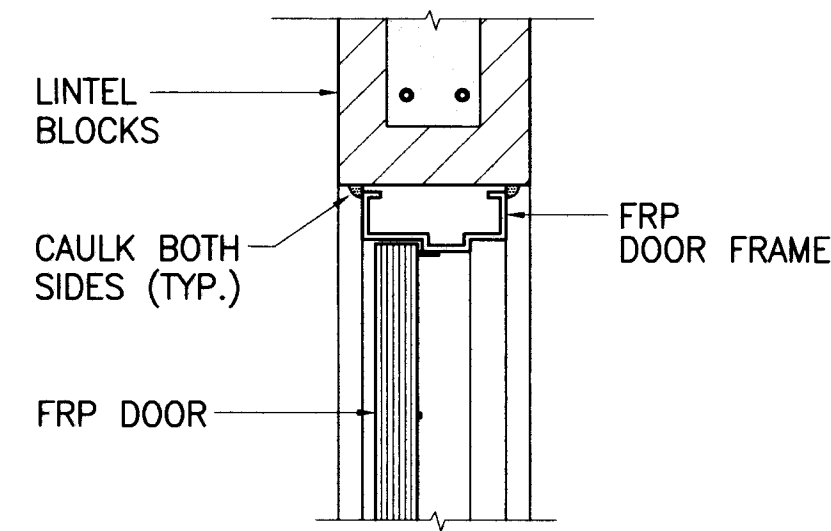
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION  
*Delwin P. K. Ching* 4/15/04



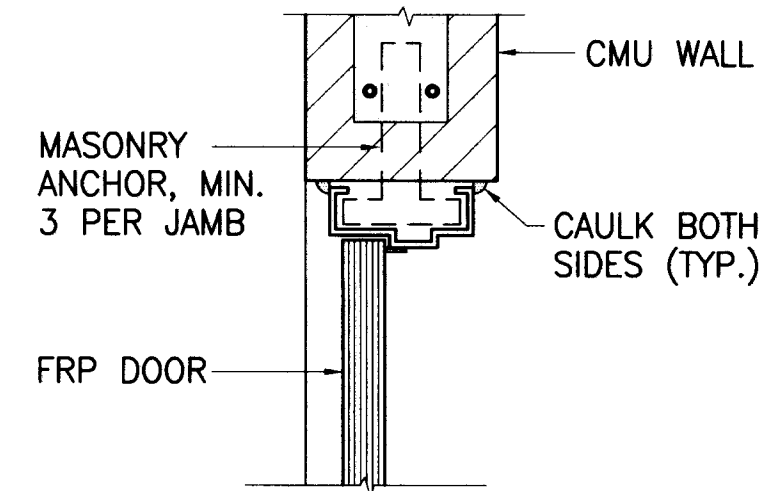
CONSTRUCTION OF THIS PROJECT SHALL BE UNDER MY SUPERVISION AS DEFINED IN SECTION 210-2, HAWAII ADMINISTRATIVE RULES, CHAPTER 19, HAWAIIAN LAND USE AND CONSERVATION ACTS, STATE OF HAWAII. PROJECT NO. 04-01-001-001

DESIGNED BY	DATE	7/1/03	FINAL DRAWING	ATA	MADE BY	APPROVED
<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b> ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII						
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C. <b>WAIHUU KOU PHASE 3</b> TAX MAP KEY: 3-2-12.3 AND 3-2-13.9 WAIHUU, WAILUKU, MAUI, HAWAII <b>CONTROL BUILDING</b> <b>ROOF FRAMING PLAN</b> <b>SECTIONS AND DETAILS</b>						
SUBMITTED BY <i>Donata LLA</i> 4/15/04 DATE FIRM MEMBER DATE						
FILE POCKET FOLDER NO.						

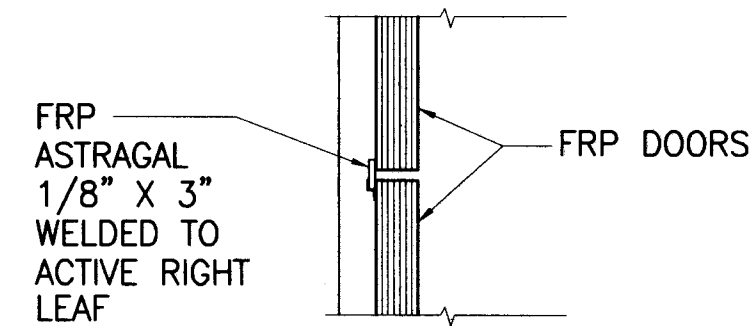




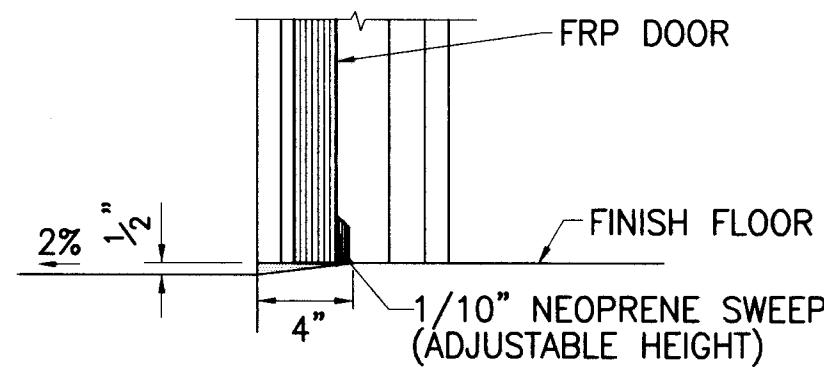
HEAD



JAMB



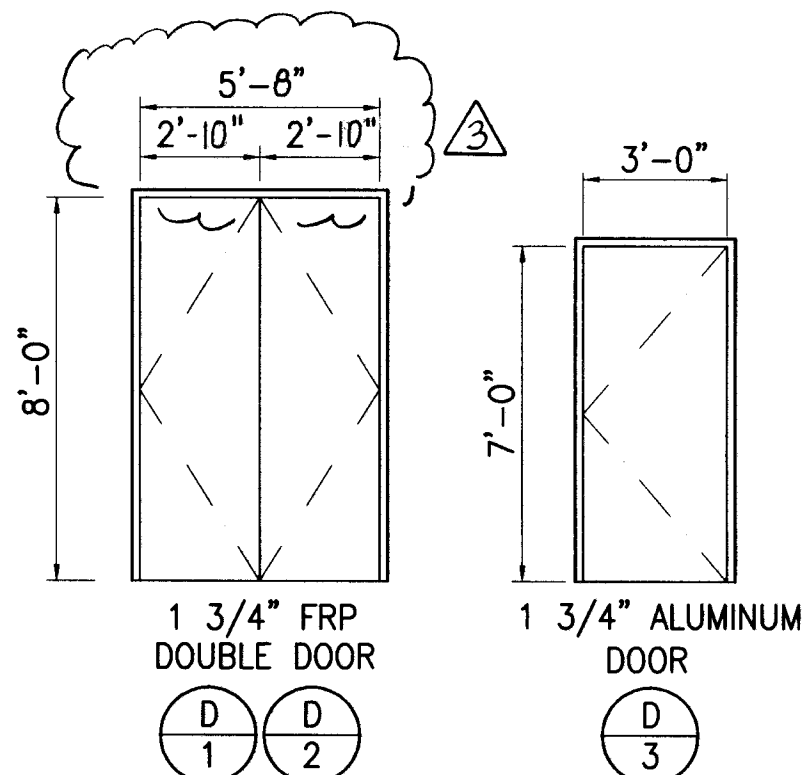
ASTRAGAL



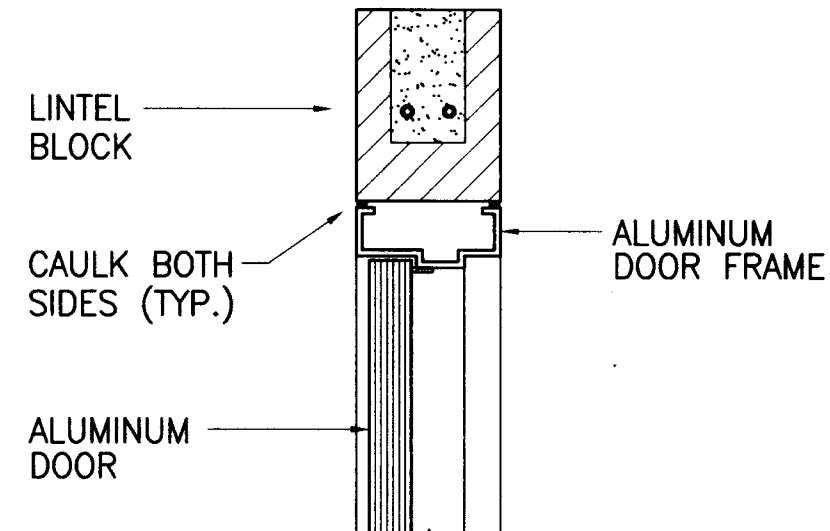
SILL

DOOR D 1 D 2

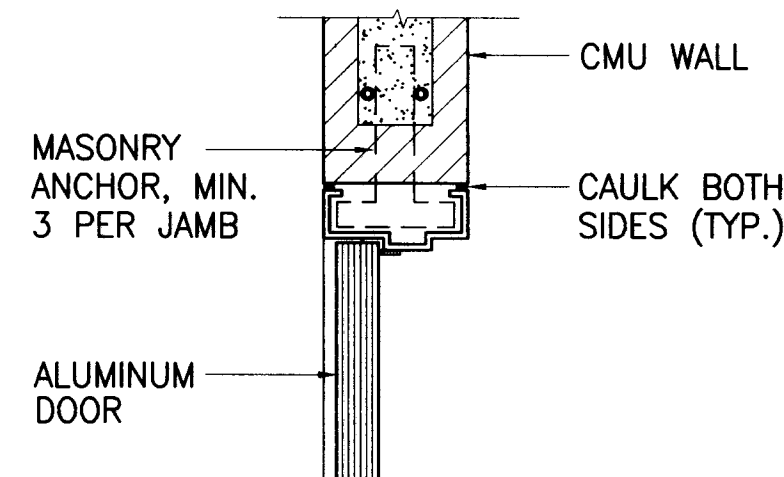
FRP DOOR DETAIL A  
SCALE: 1 1/2\"/>



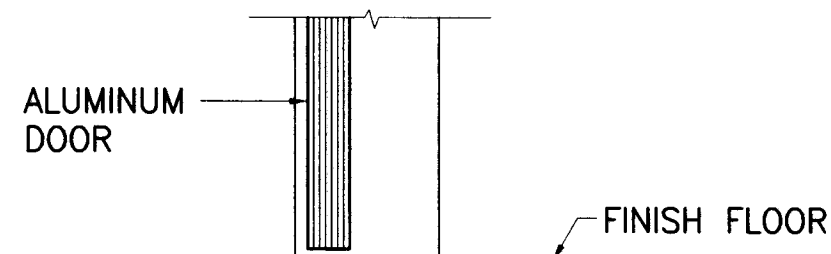
DOOR SCHEDULE  
NOT TO SCALE



HEAD



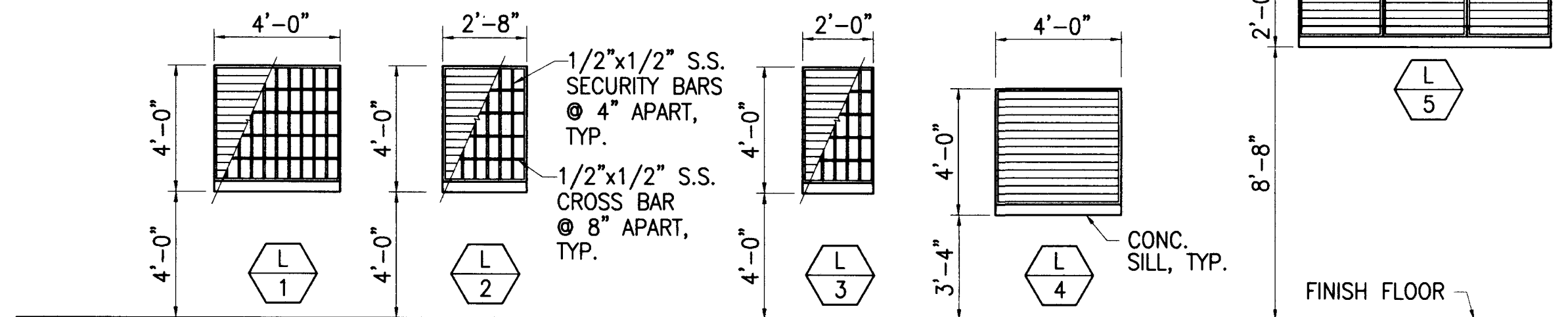
JAMB



SILL

DOOR D 3

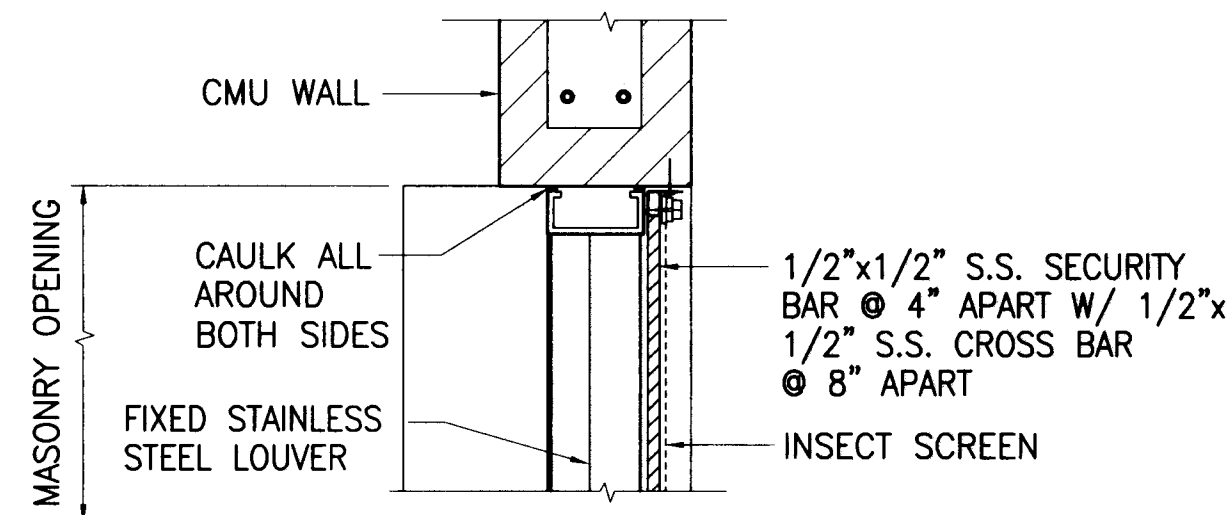
ALUMINUM DOOR DETAIL B  
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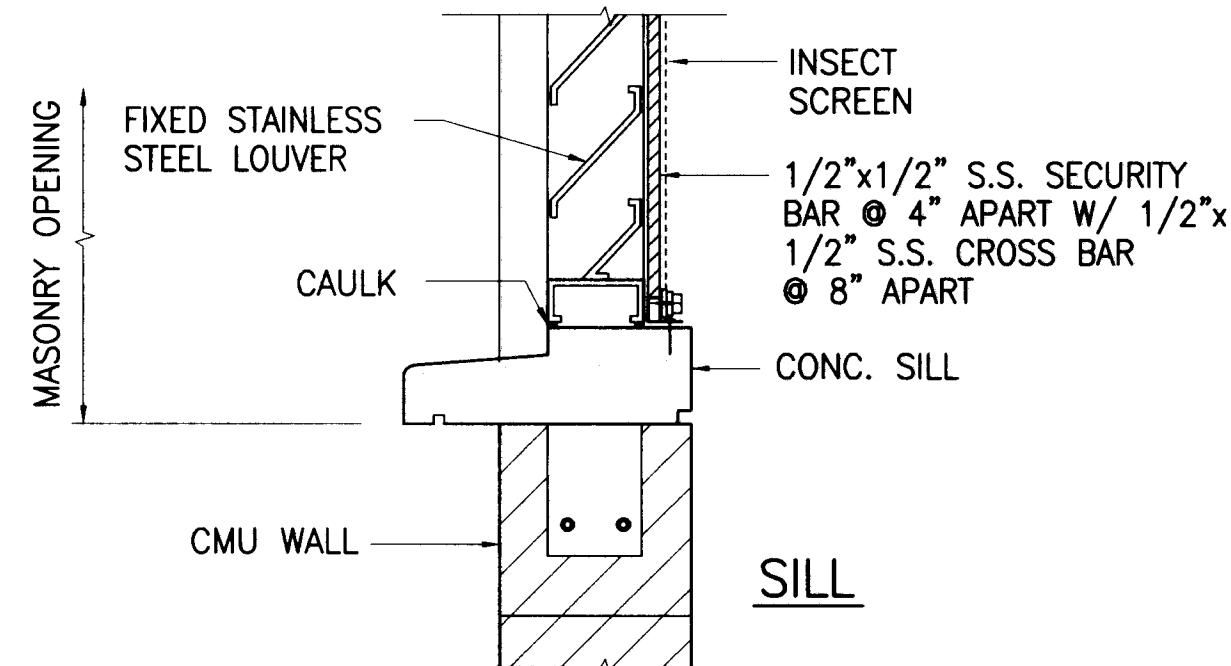
LOUVER SCHEDULE  
SCALE 1/4\"/>

NOTES:

DIMENSIONS ARE FOR MASONRY OPENINGS,  
INCLUSIVE OF 4\"/>

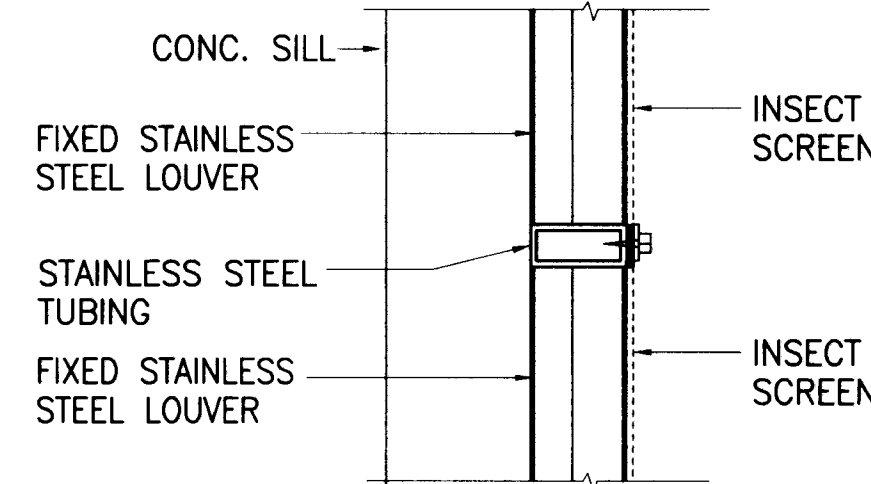


HEAD (JAMB SIM.)



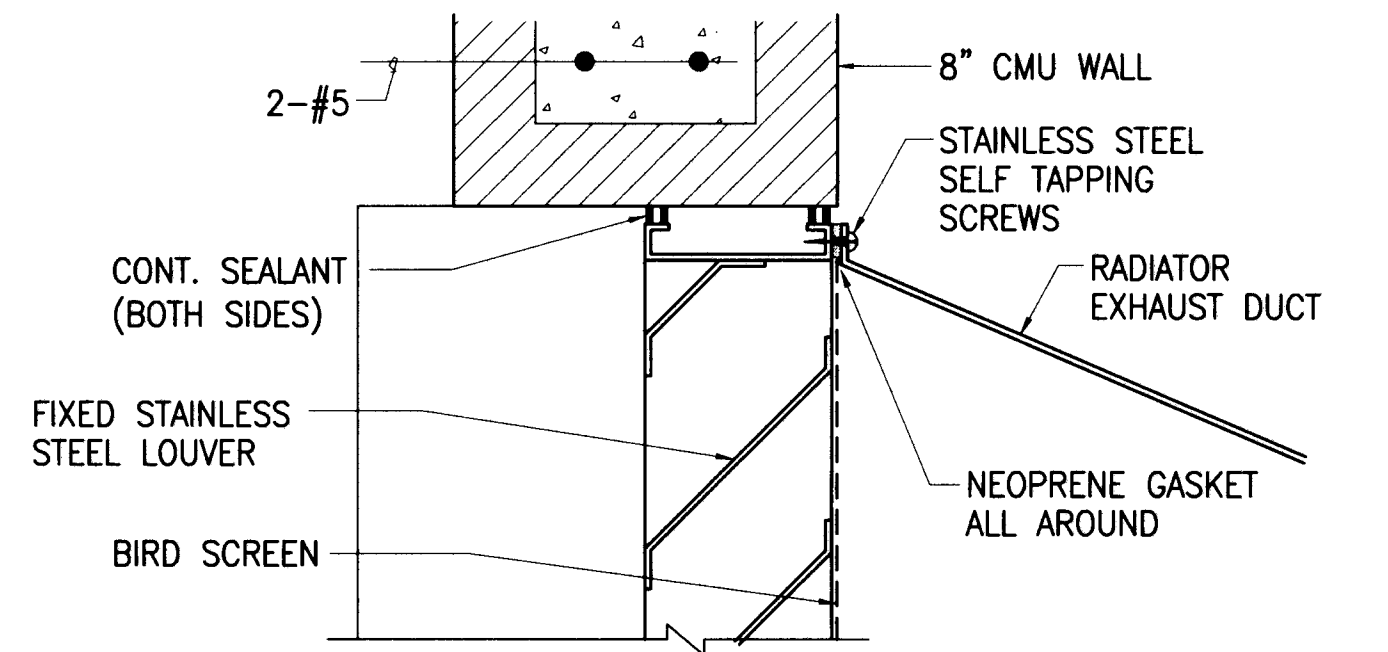
SILL

LOUVER DETAIL C  
SCALE: 1 1/2\"/>

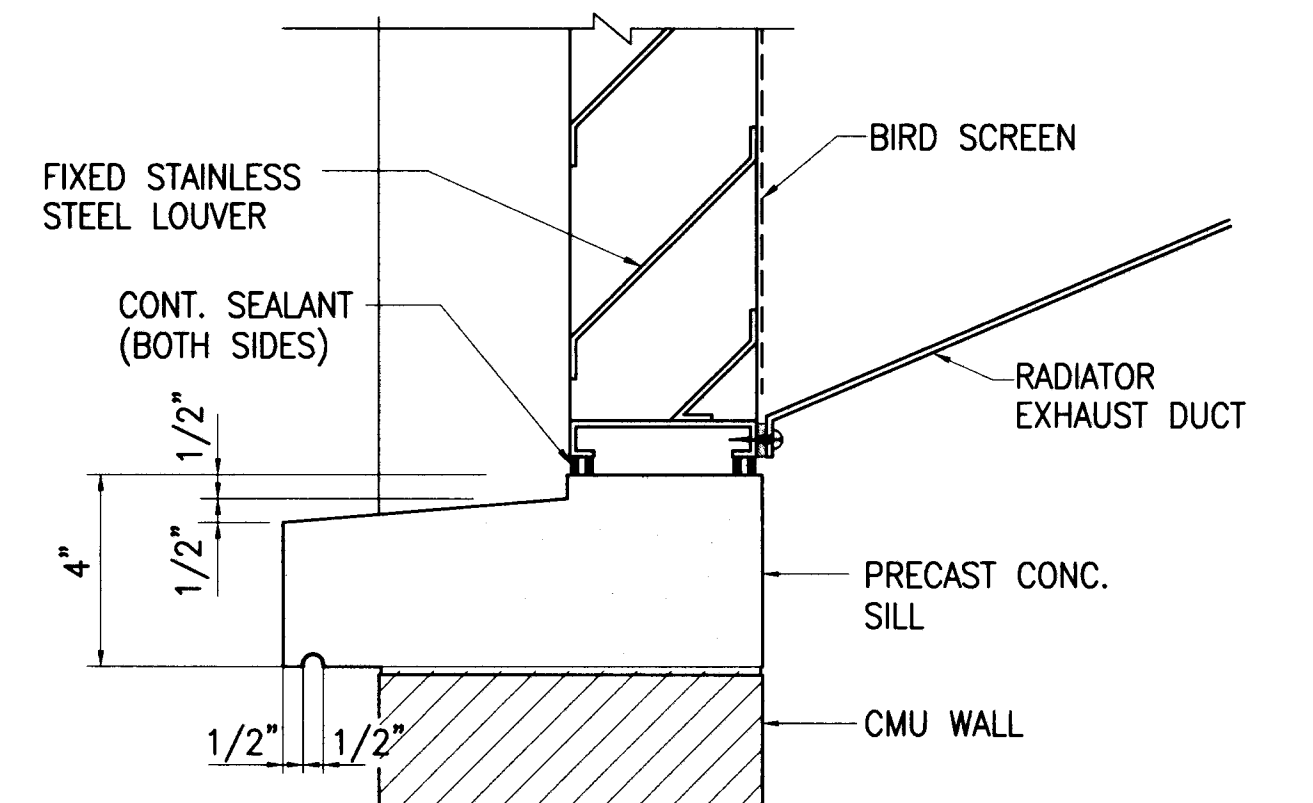


MULLION

LOUVER DETAIL D  
SCALE: 1 1/2\"/>



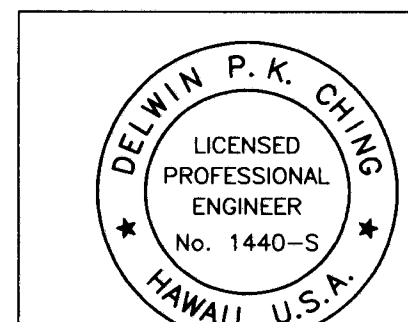
HEAD (JAMB SIMILAR)



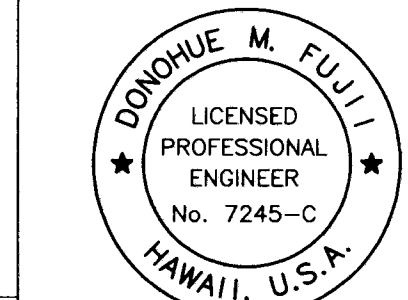
L 4  
SILL

LOUVER DETAIL E  
SCALE: 3\"/>


CIVIL  
**RECORD DRAWING**  
95 OF 107  
DATE 1/31/05




THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION  
*Donata L.L.A.*



CONSTRUCTION OF THIS PROJECT SHALL BE UNDER  
MY SUPERVISION AS DEFINED IN SECTION 11-11.2-1,  
HAWAII ADMINISTRATIVE RULES, CHAPTER 11-1,  
COMMERCE AND CONSUMER AFFAIRS, STATE OF  
HAWAII. PROFESSIONAL ENGINEER, ARCHITECT.

	9/15/03	DCAB COMMENTS	ATA	
	7/1/03	FINAL DRAWING	ATA	
REVISION	DATE	BRIEF	MADE BY	APPROVED

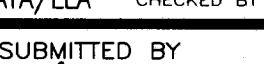
  

	<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b>	
	ENGINEERS, SURVEYORS	HONOLULU, WAILUKU, HAWAII

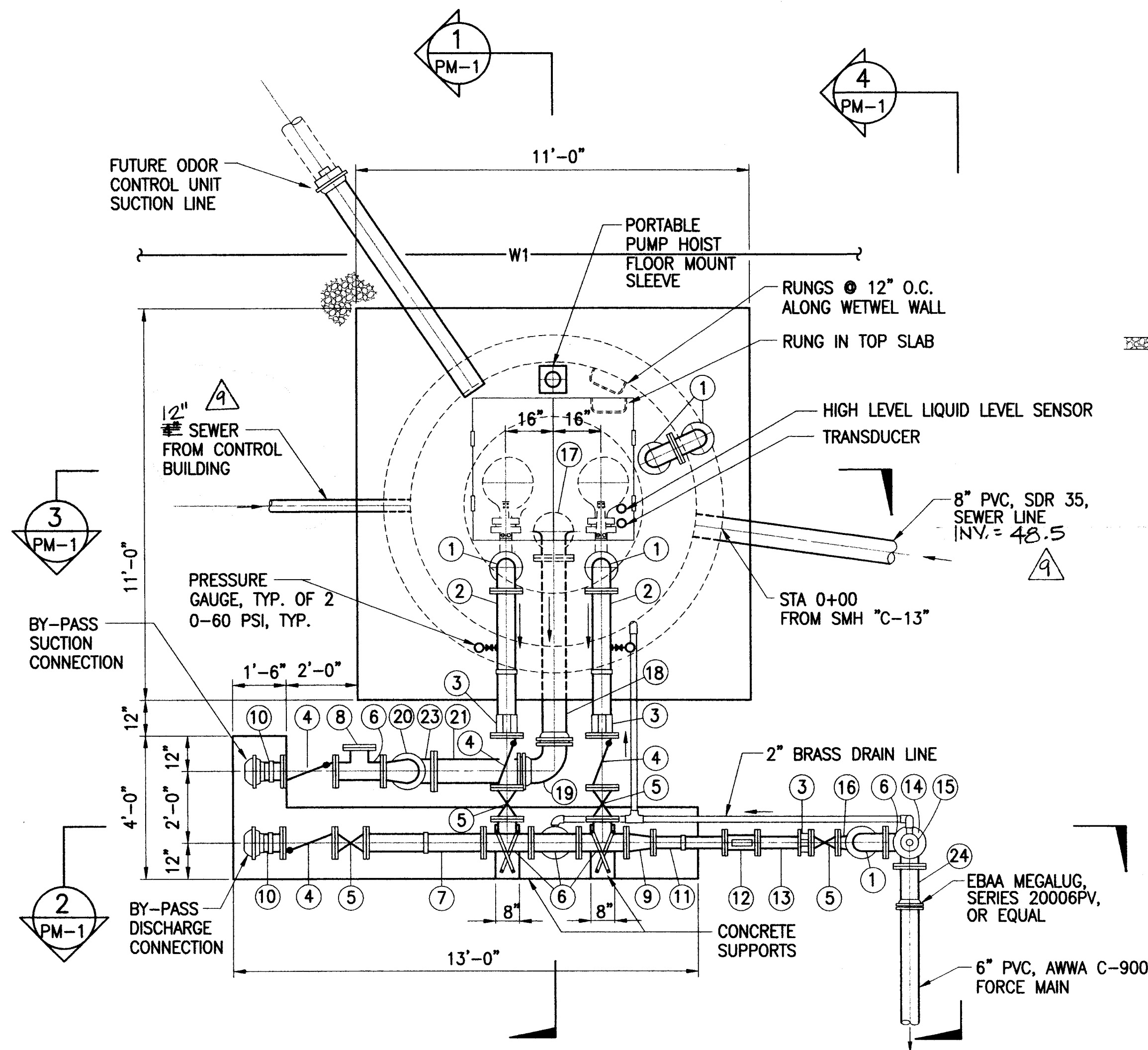
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C.	
WAIIEHU KOU PHASE 3	
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9	
WAIIEHU, WAILUKU, MAUI, HAWAII	
CONTROL BUILDING	
DOOR/LOUVER SCHEDULE	
AND MISCELLANEOUS DETAILS	

DESIGNED BY IKN	DRAWN BY DONATA/LLA	CHECKED BY DC
APPROVED	SUBMITTED BY  DATE _____	
DATE _____	FIRM MEMBER	DATE _____

DWG. NO. **PA-4**  
SHEET 92 OF 106



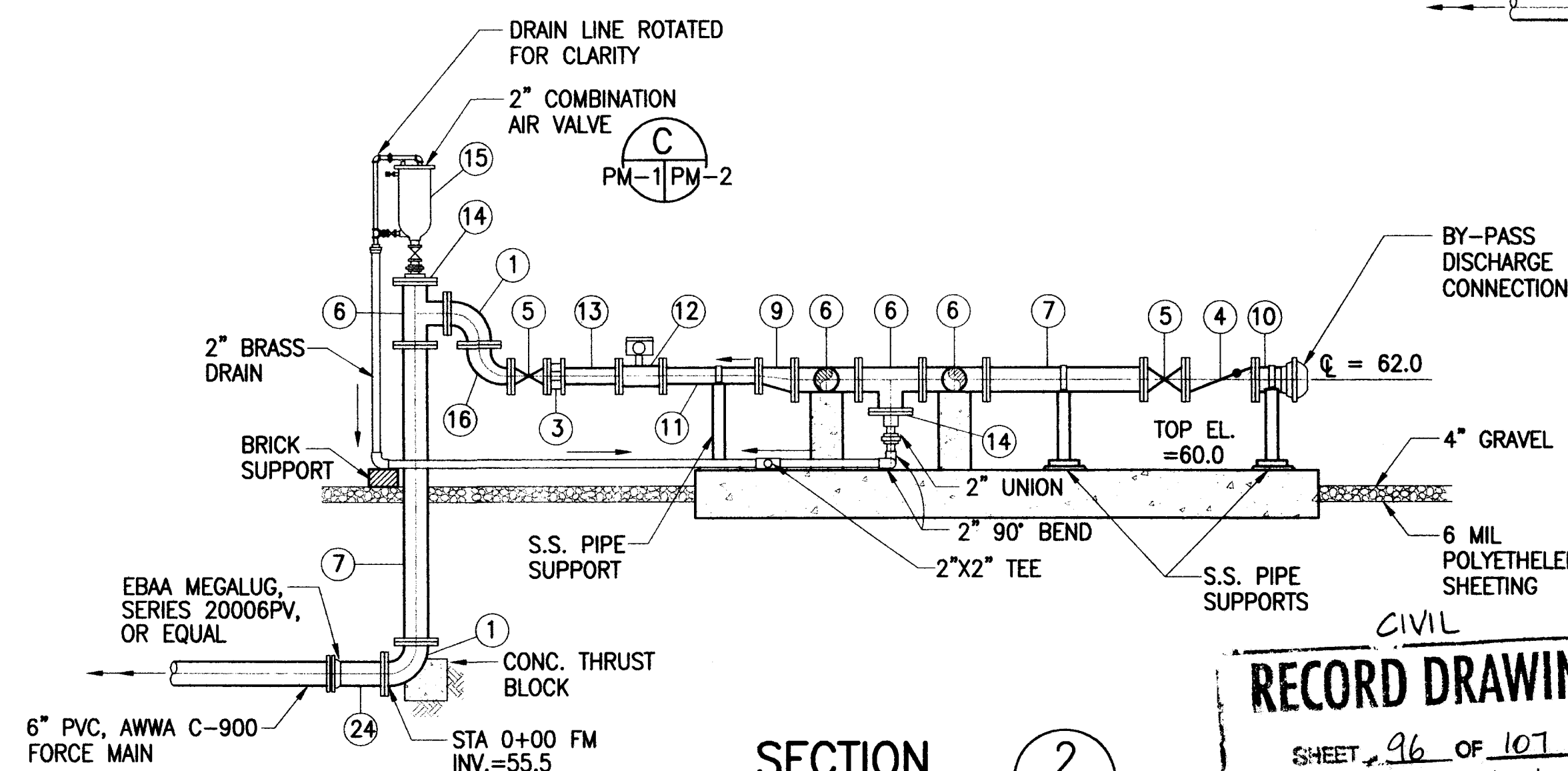
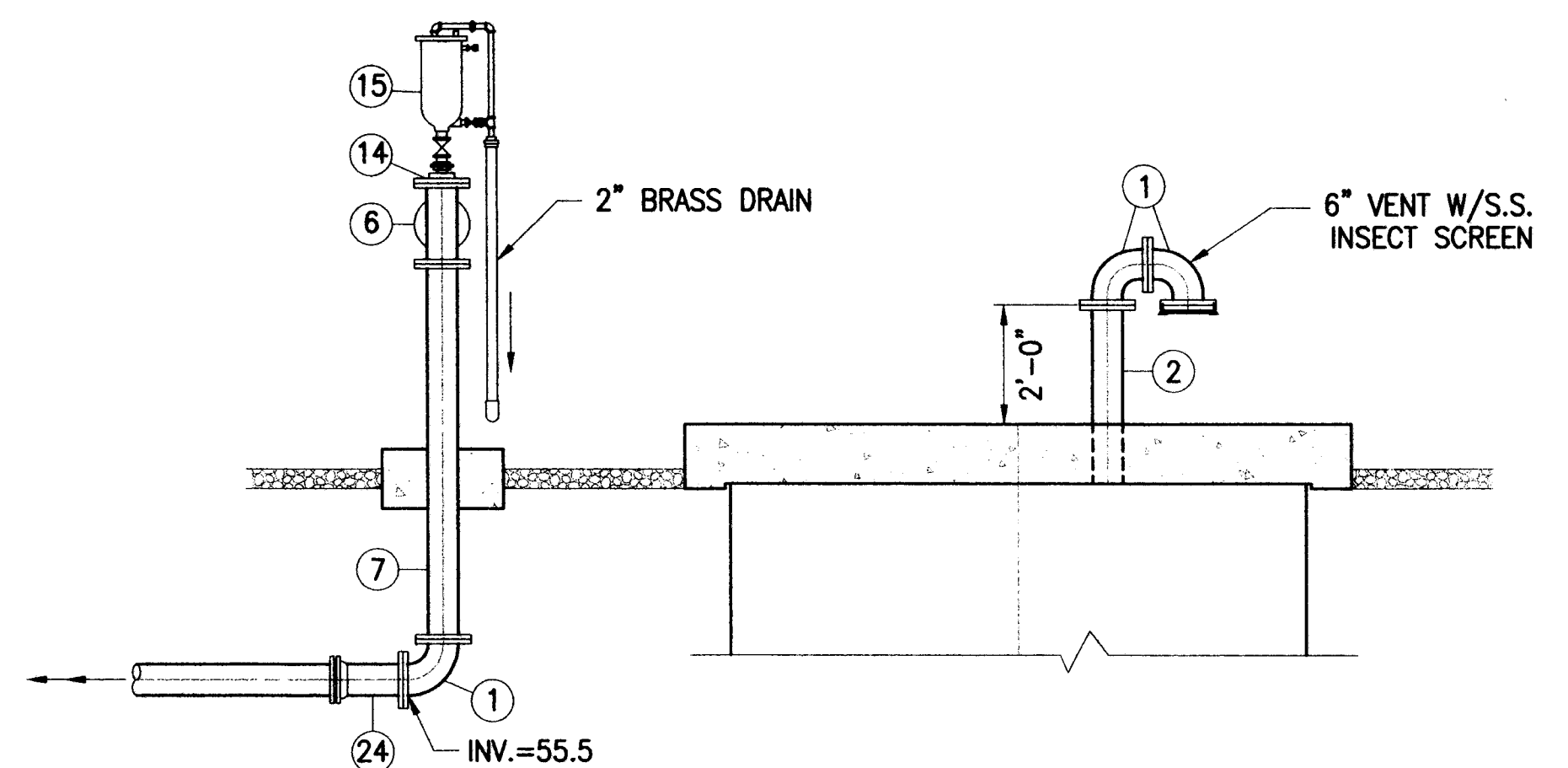
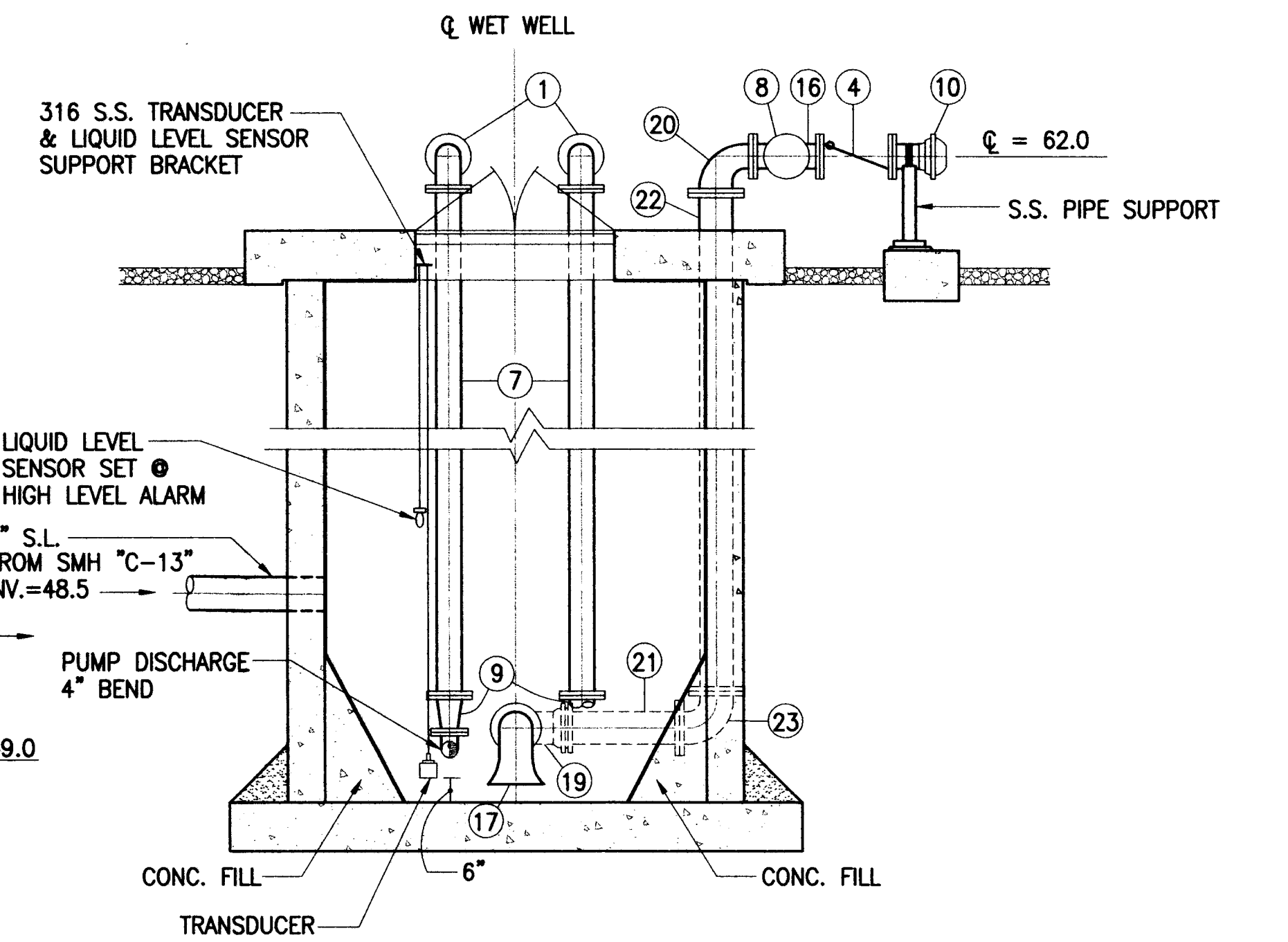
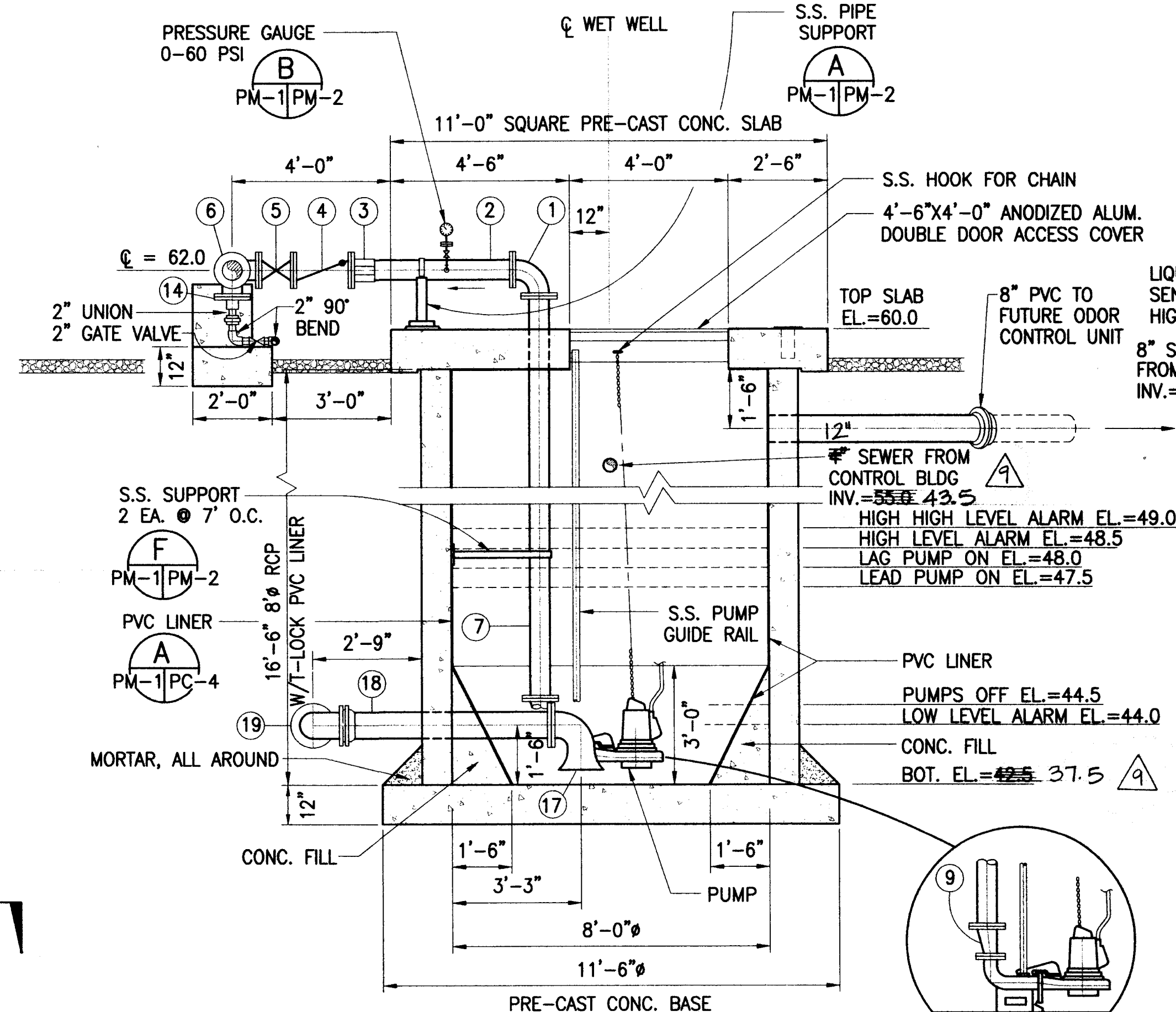


### SCHEDULE OF VALVES AND FITTINGS

NO.	DESCRIPTION	NO.	DESCRIPTION
1	6" 90° BEND, FE	15	2" COMBINATION AIR VALVE
2	6" NIPPLE, FE&PE, LTS	16	6" X 4" REDUCING ELBOW, FE
3	6" FLANGED COUPLING ADAPTER, W/S.S. ANCHOR PINS	17	8" FLANGE & FLARE, SHORT RADIUS 90° BEND
4	6" SWING CHECK VALVE, FE	18	8" NIPPLE, FE&MJ, LTS
5	6" OS&Y GATE VALVE, FE	19	8" 90° BEND, MJ&PE
6	6" X 6" TEE, FE	20	8" X 6" REDUCING ELBOW, FE
7	6" NIPPLE, FE, LTS	21	8" NIPPLE, FE&PE, LTS
8	6" BLIND FLANGE	22	8" NIPPLE, FE, LTS
9	6" X 4" ECCENTRIC REDUCER, FE	23	8" 90° BEND, FE
10	6" BAUER HK FLANGED S.S. CONNECTION W/ BALL S70*	24	6" NIPPLE, MJ&FE, 12" LONG
11	4" NIPPLE, FE, 2'-0" LONG		
12	4" MAGNETIC FLOW METER, FE		
13	4" NIPPLE FE&PE, 1'-6" LONG		
14	2" X 11" REDUCING FLANGE		

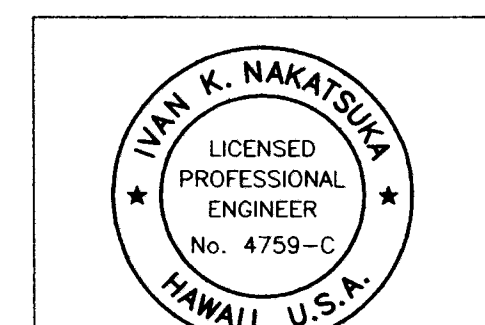
\*ONE MALE/ONE FEMALE

- NOTES: 1. ALL PIPE AND FITTINGS 4" AND LARGER TO BE OF DUCTILE IRON, UNLESS INDICATED OTHERWISE.
2. ALL PIPE, FITTINGS AND VALVES SMALLER THAN 4" SHALL BE OF BRASS, UNLESS INDICATED OTHERWISE.

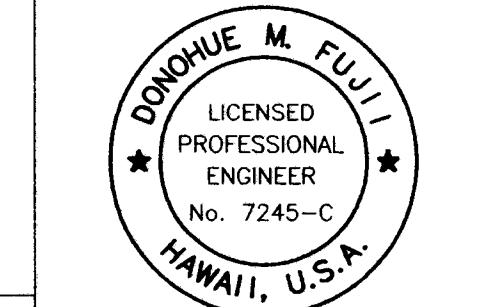


**RECORD DRAWING**

SHEET 96 OF 107  
DATE 1/31/02



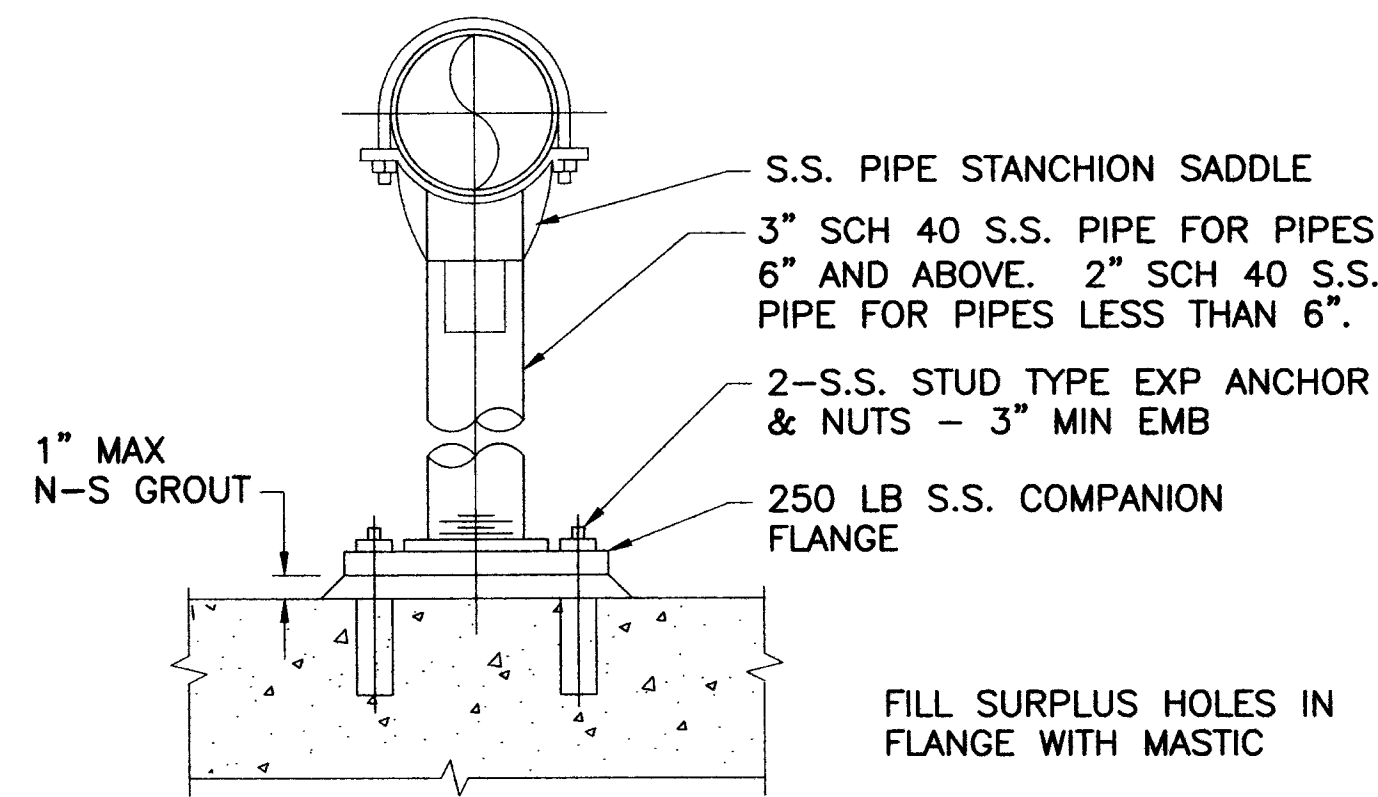
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION. EXP. 1/31/02



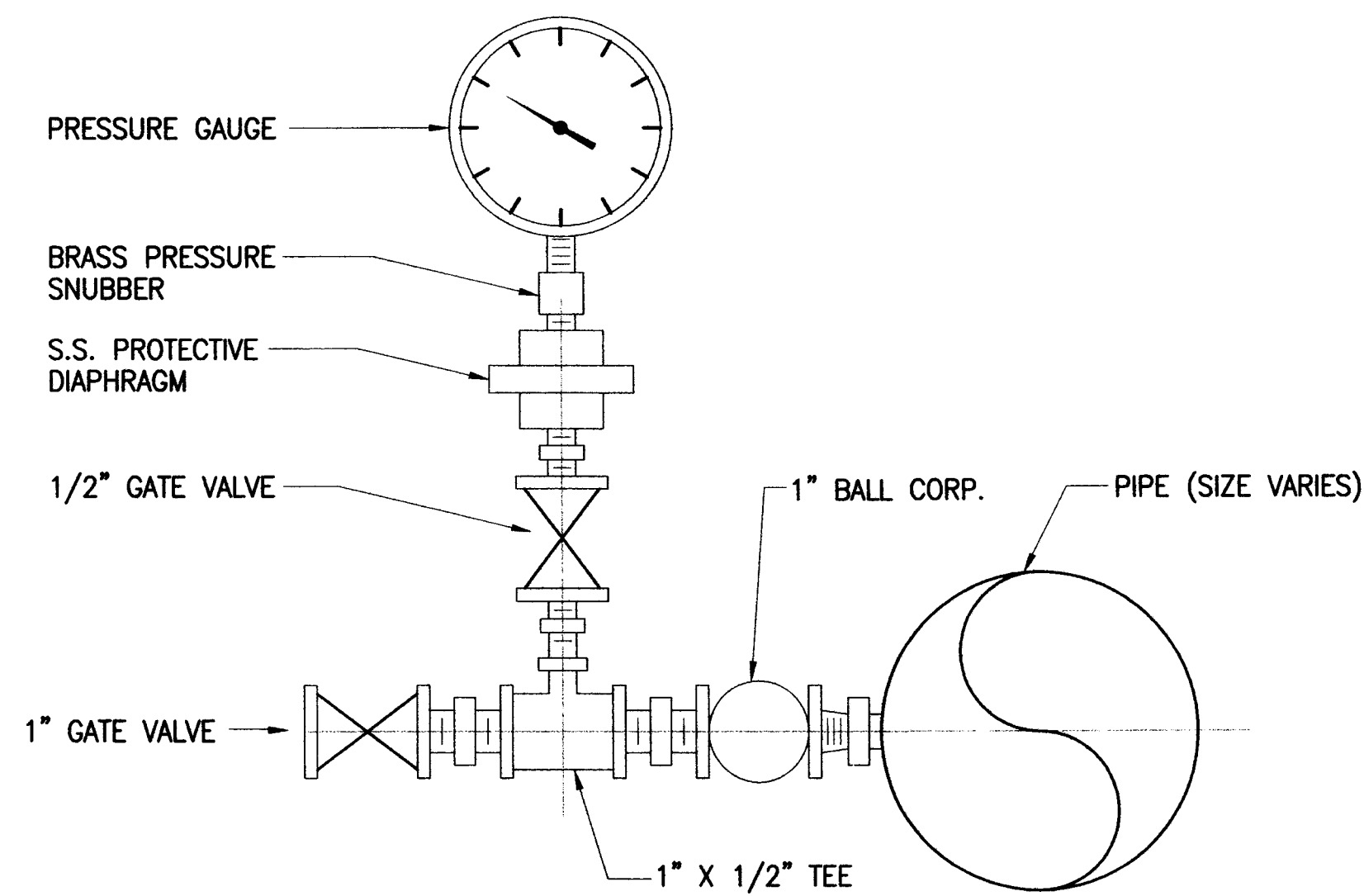
CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY SUPERVISION. EXP. 1/31/02

9	2/1/02	CIVIL AS-BUILT	ATA
REVISION	DATE	FINAL DRAWING	DATE
AUSTIN, TSUTSUMI & ASSOCIATES, INC.		ENGINEERS, SURVEYORS • HONOLULU, MAUI, HAWAII	
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C.			
WAIIEHU KOU PHASE 3 TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIIEHU, WAILUKU, MAUI, HAWAII			
PUMP WET WELL PLAN AND SECTIONS			
DESIGNED BY IKN	DRAWN BY DONATA/LIA	CHECKED BY IKN	
APPROVED	SUBMITTED BY		DATE
	FIRM MEMBER		DATE
FILE	POCKET	FOLDER	NO.



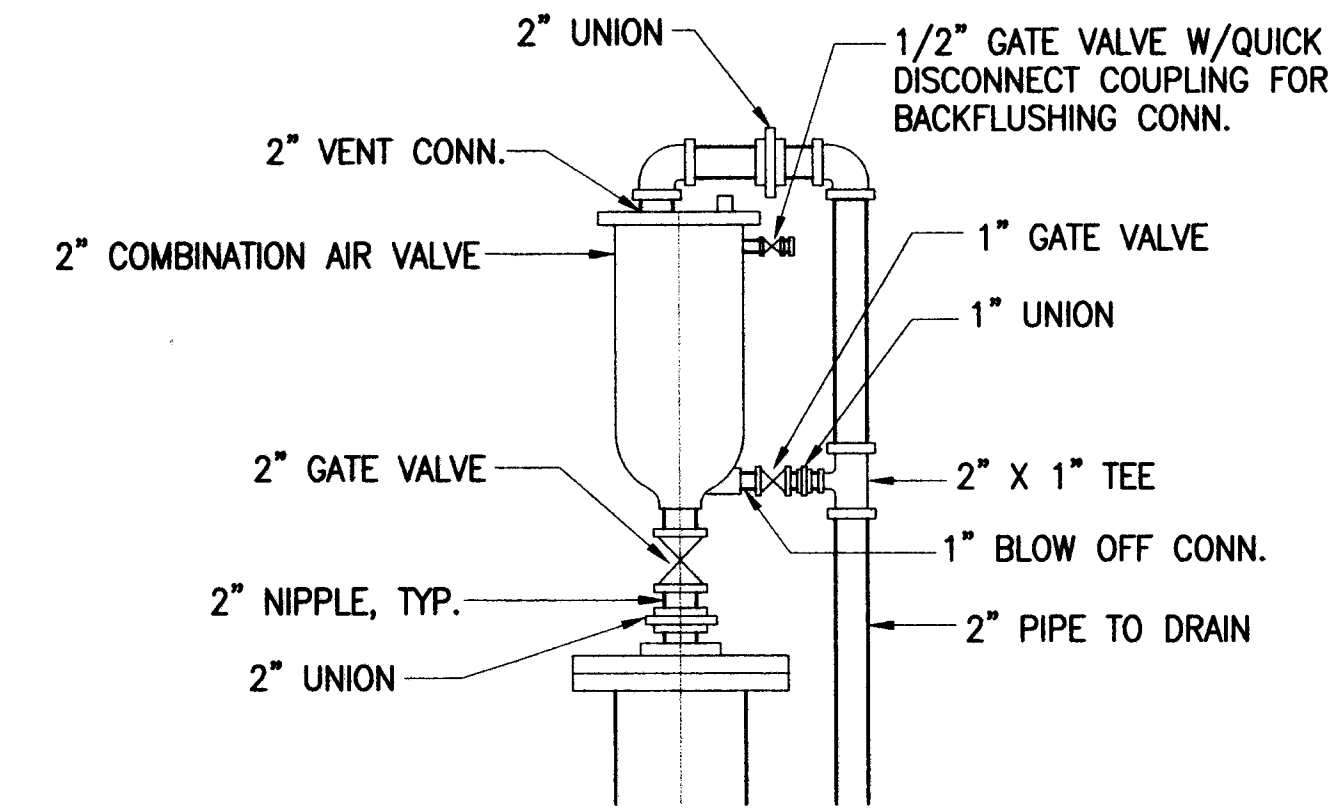


**PIPE SUPPORT** **A**  
NOT TO SCALE PM-1 PM-2



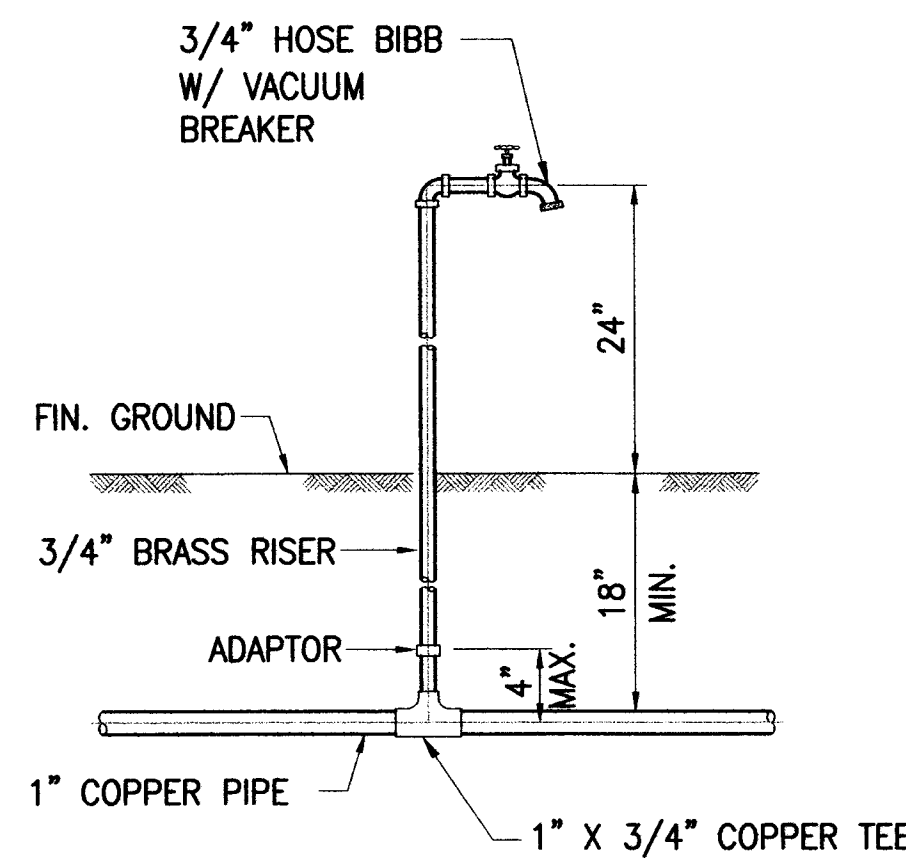
NOTE: ALL PIPE, FITTINGS AND VALVES TO BE OF BRASS, UNLESS INDICATED OTHERWISE.

**PUMP PRESSURE GAUGE** **B**  
NOT TO SCALE PM-1 PM-2



NOTE: ALL PIPE, FITTINGS AND VALVES TO BE OF BRASS, UNLESS INDICATED OTHERWISE.

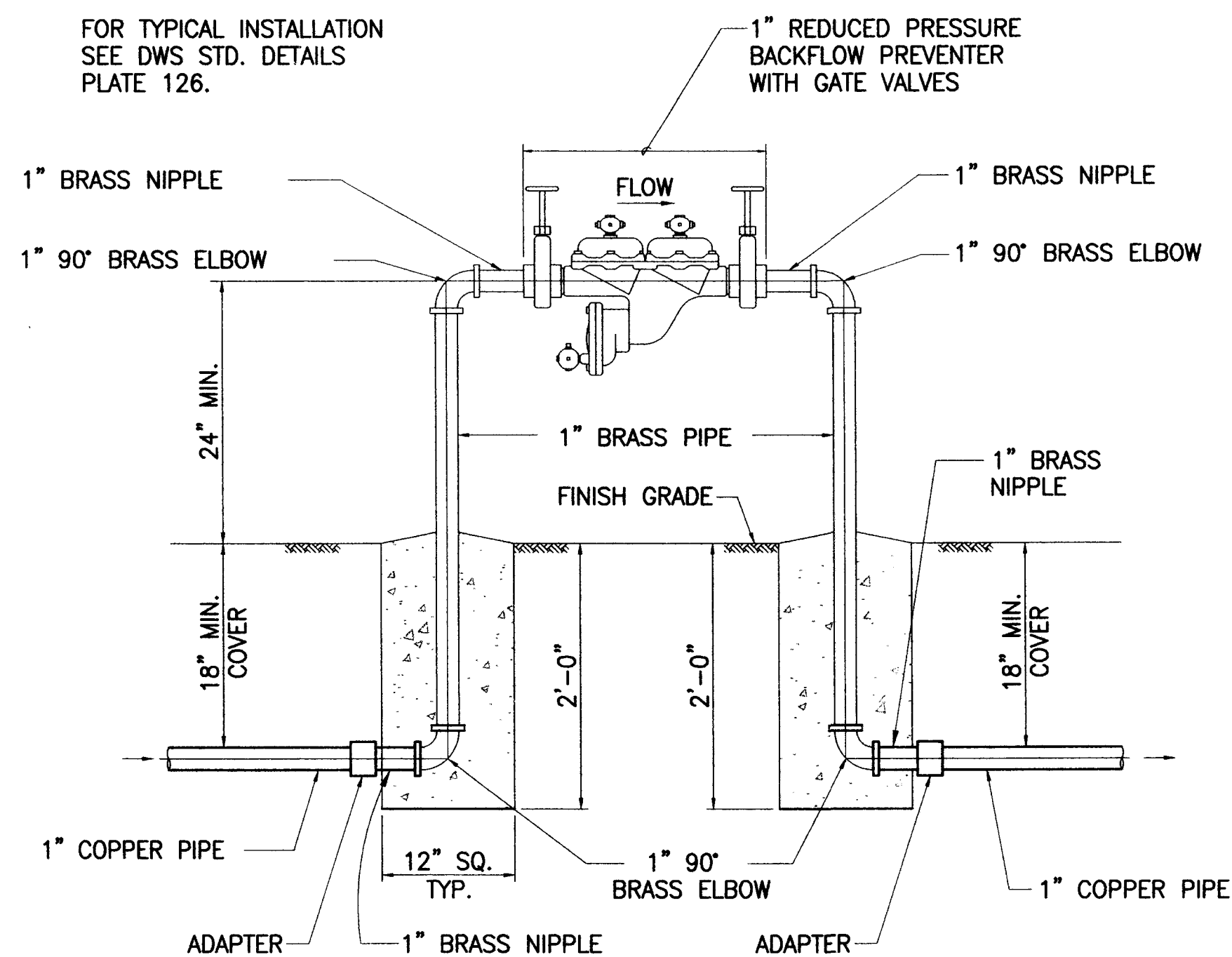
**SEWAGE COMBINATION AIR VALVE** **C**  
SCALE: 1"= 1'-0" PM-1 PM-2



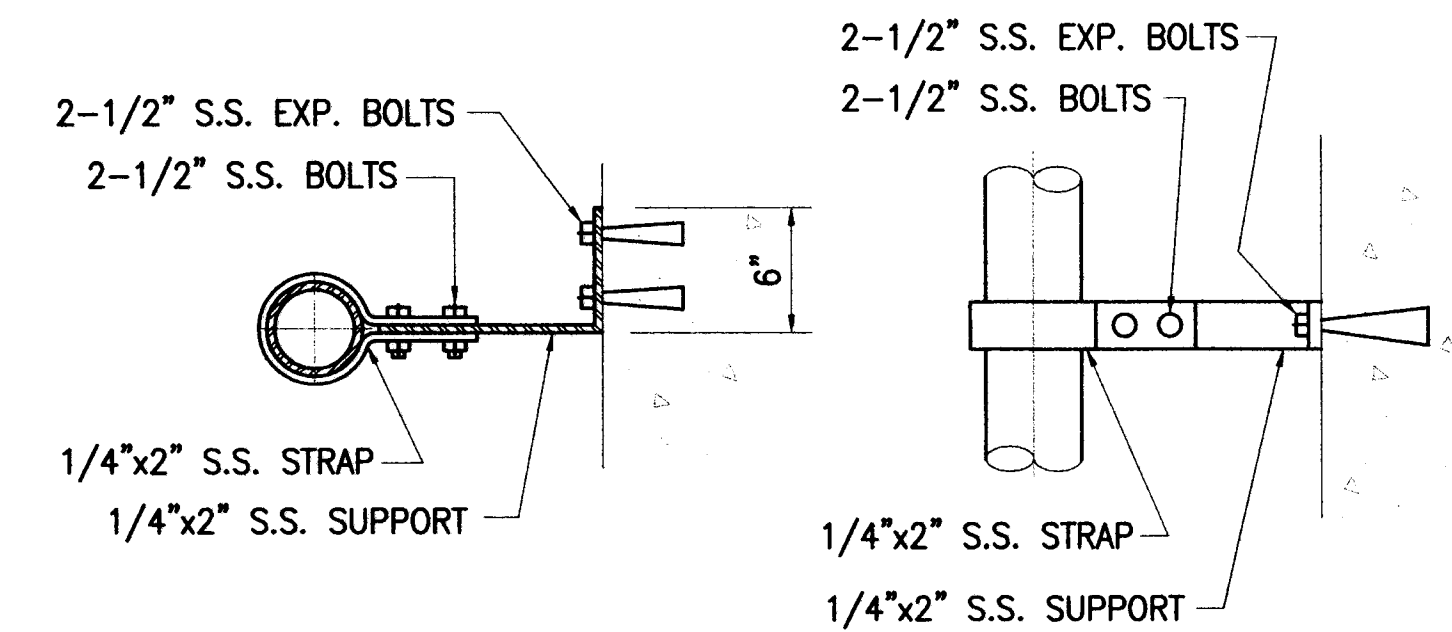
**HOSE BIBB DETAIL** **D**  
NOT TO SCALE PC-1 PM-2

**NOTE:**

FOR TYPICAL INSTALLATION SEE DWS STD. DETAILS PLATE 126.



**1" REDUCED PRESSURE BACKFLOW PREVENTER** **E**  
NOT TO SCALE PC-1 PM-2

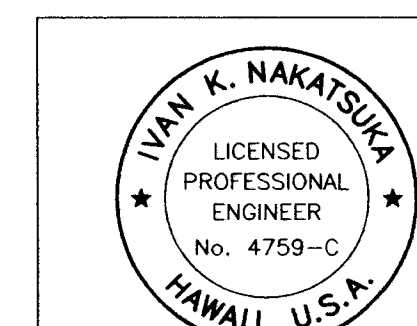


**PLAN**

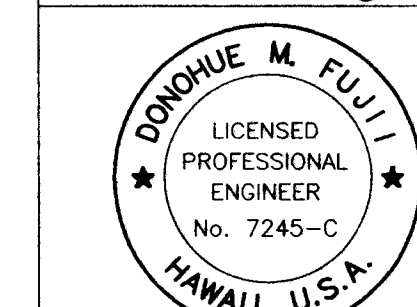
**SECTION**

**PIPE SUPPORT** **F**  
NOT TO SCALE PM-1 PM-2

CIVIL  
**RECORD DRAWING**  
SHEET 97 OF 107  
DATE 1/31/05



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*Ivan K. Nakatsuka*



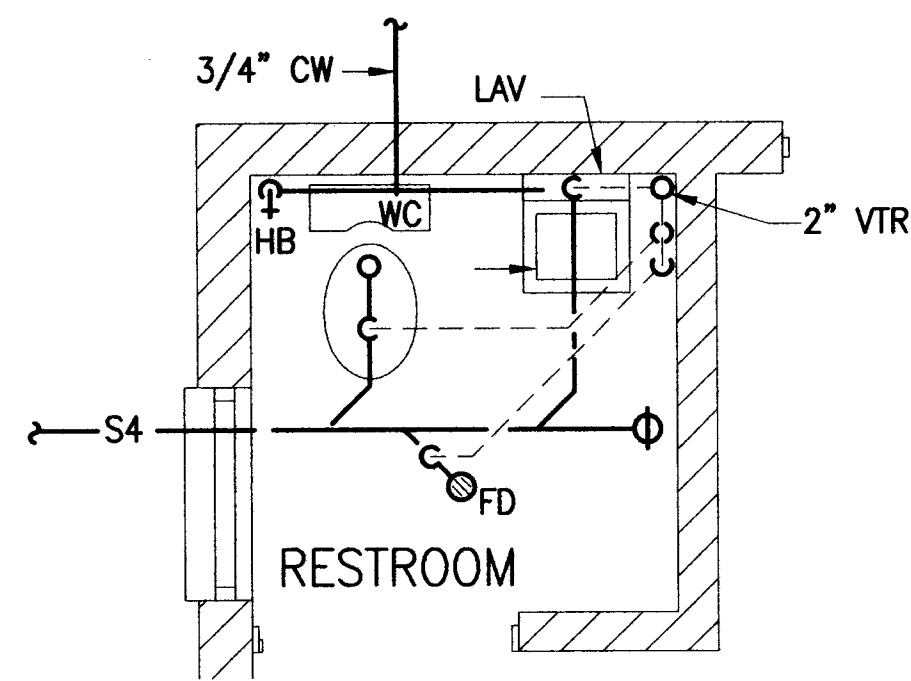
CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY SUPERVISION AS REQUIRED BY SECTION 10A-115-1, HAWAII ADMINISTRATIVE RULES, DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, STATE OF HAWAII. PROFESSIONAL ENGINEER, MECHANICAL, ELECTRICAL, PLUMBING AND MECHANICAL PROJECTS.  
*Donohue M. Fujii*

REVISION	7/1/03	FINAL DRAWING	ATA	APPROVED
DATE		BRIEF	MADE BY	
<b>ATA AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b> ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C. WAIHEHU KOU PHASE 3 TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIHEHU, WAILUKU, MAUI, HAWAII MISCELLANEOUS MECHANICAL DETAILS 1				
DESIGNED BY IKN	DRAWN BY LLA	CHECKED BY IKN		
APPROVED	SUBMITTED BY <i>Donohue M. Fujii</i>		DATE	7/1/03
	DATE	FIRM MEMBER	DATE	
FILE	POCKET	FOLDER	NO.	

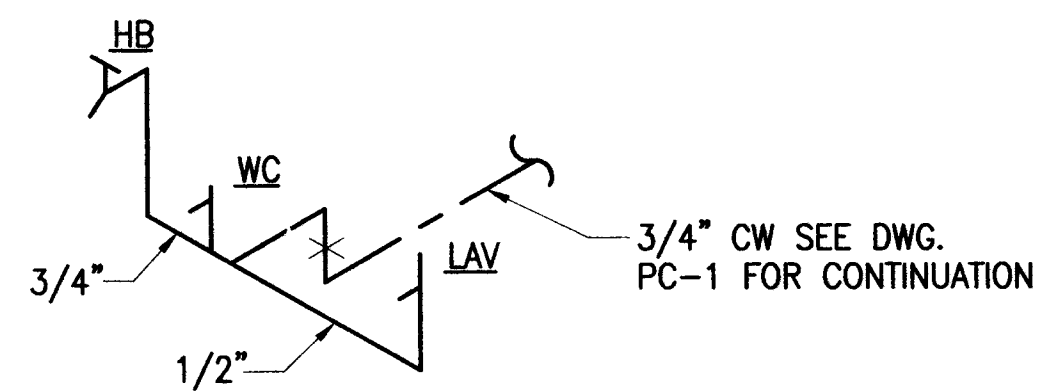
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LINE IS 2 INCHES AT FULL SIZE  
(If NOT 2-inches : Scale Accordingly)

DWG. NO. **PM-2**  
SHEET 94 OF 106

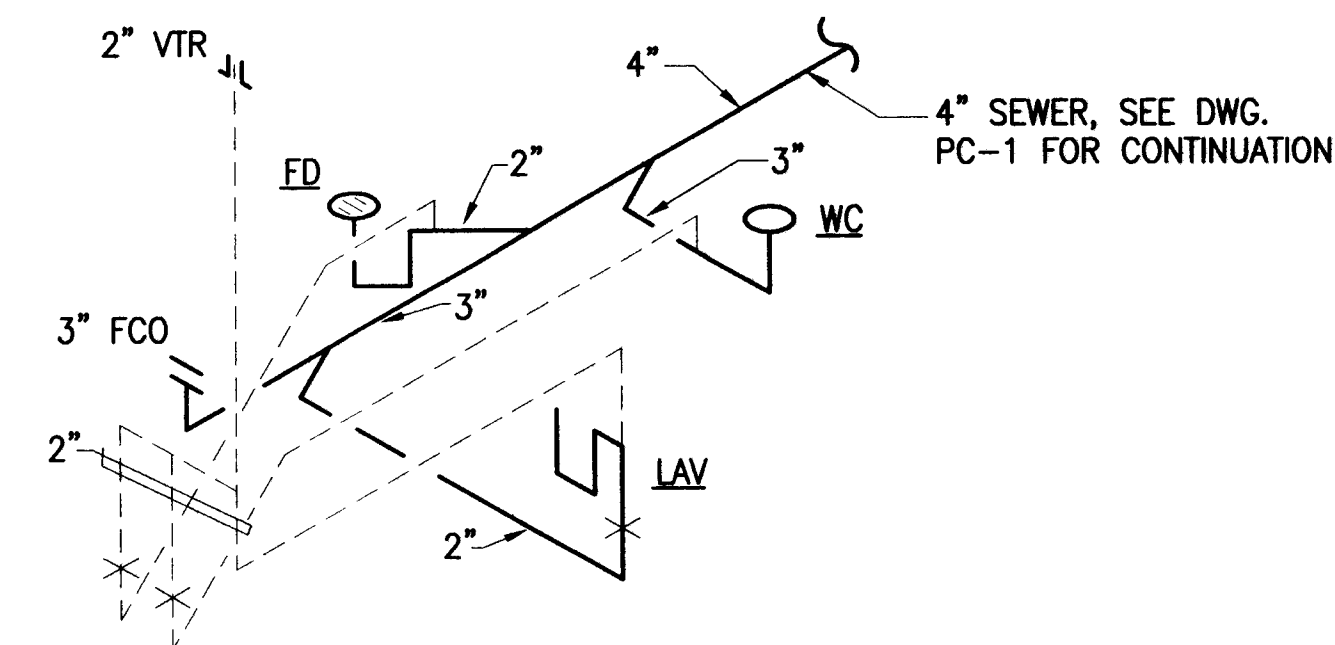




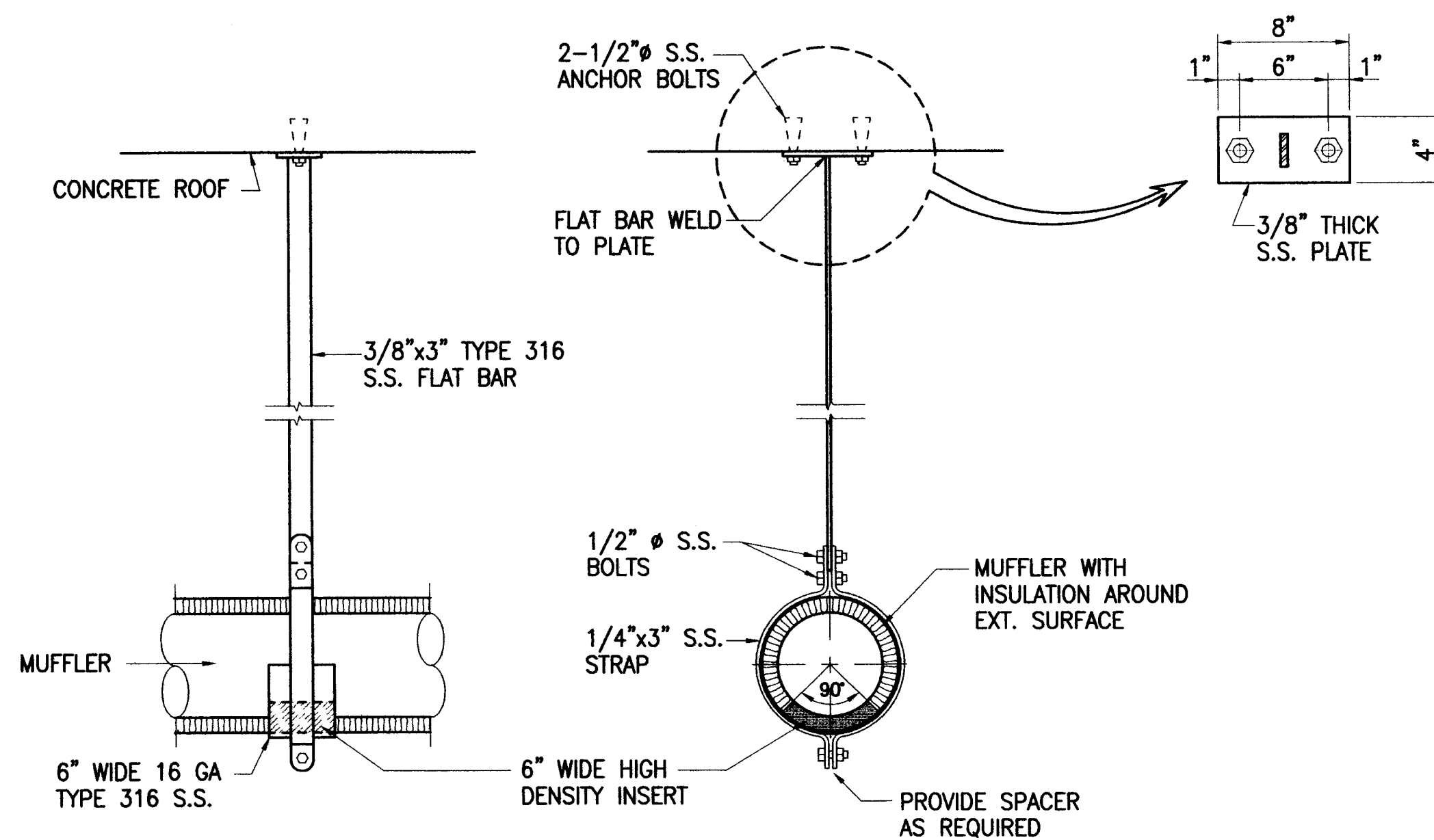
**PLUMBING PLAN** (A)  
SCALE: 3/8" = 1'-0"  
PA-1 PM-3



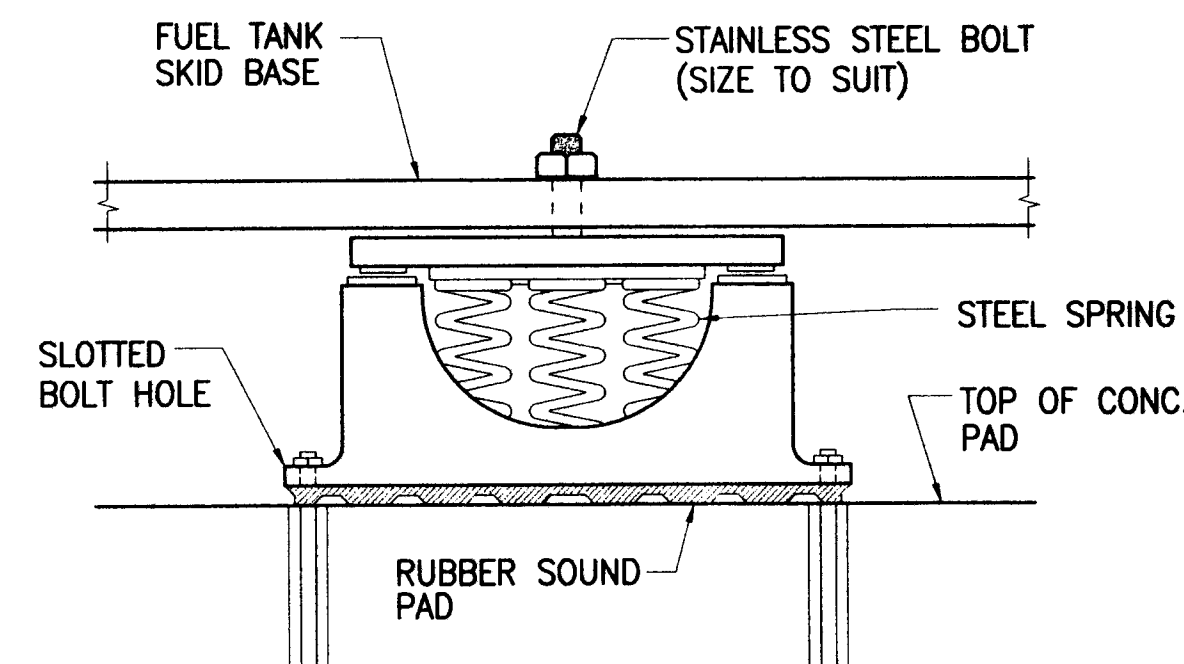
**WATER PIPING DIAGRAM** (B)  
NOT TO SCALE  
PA-1 PM-3



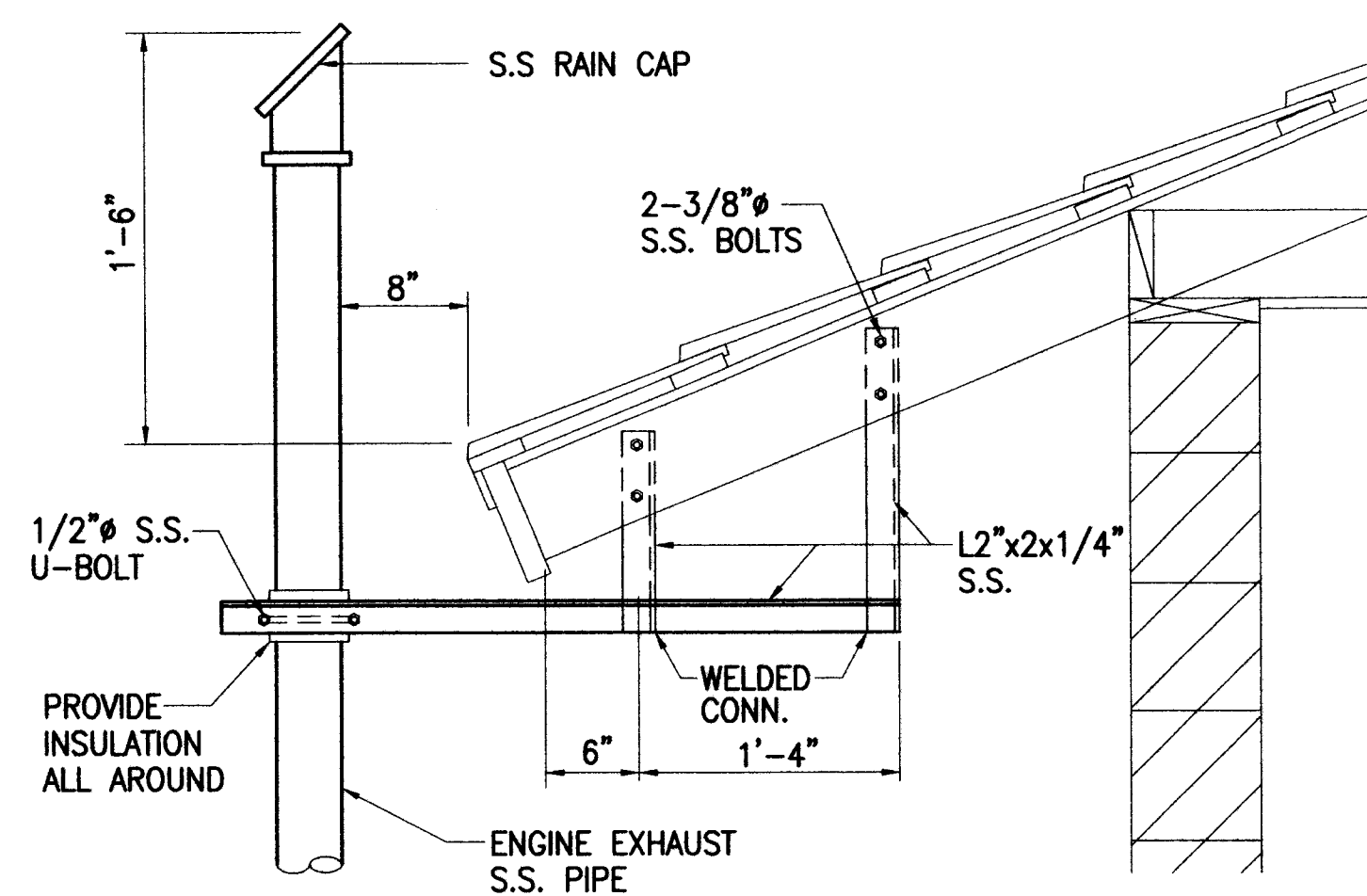
**SANITARY PIPING DIAGRAM** (C)  
NOT TO SCALE  
PA-1 PM-3



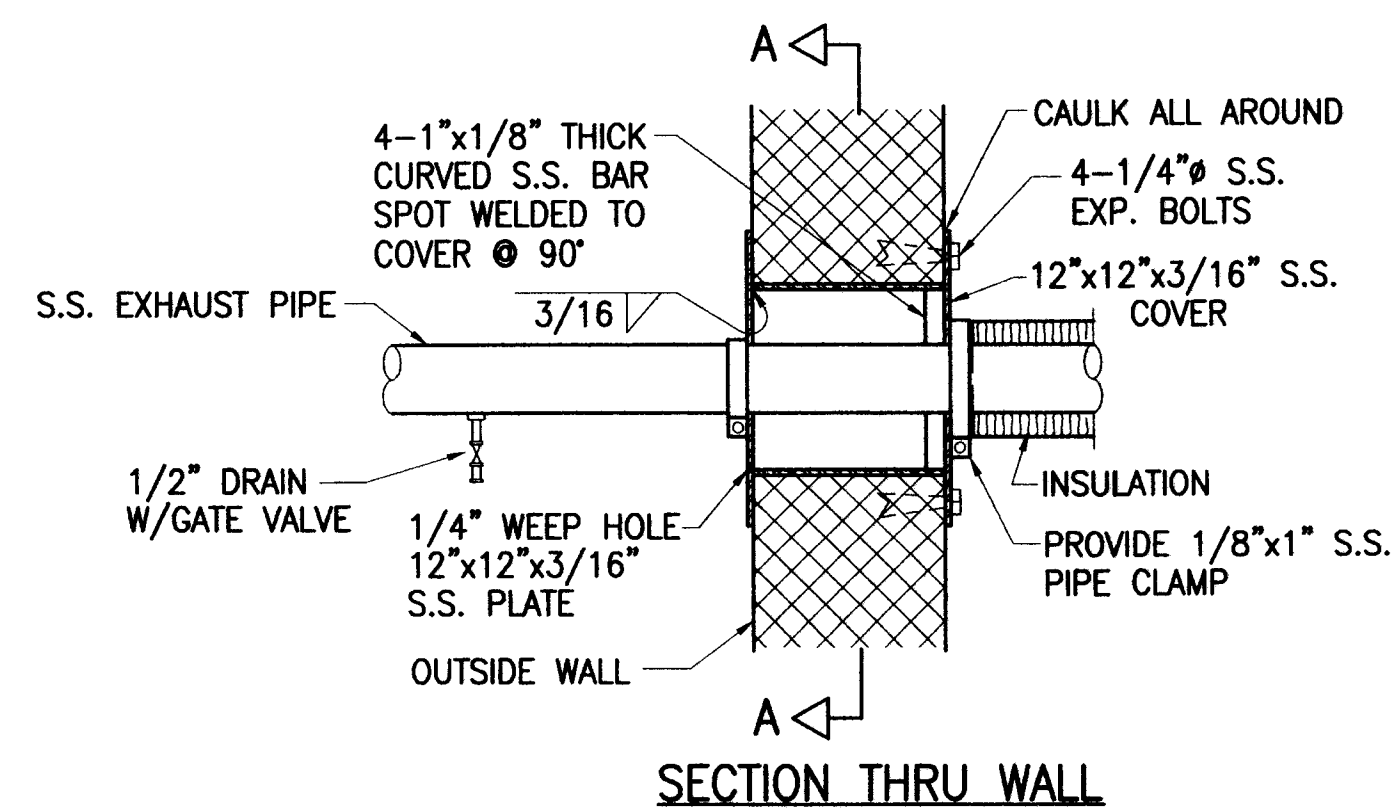
**MUFFLER SUPPORT** (D)  
NOT TO SCALE  
PA-2 PM-3



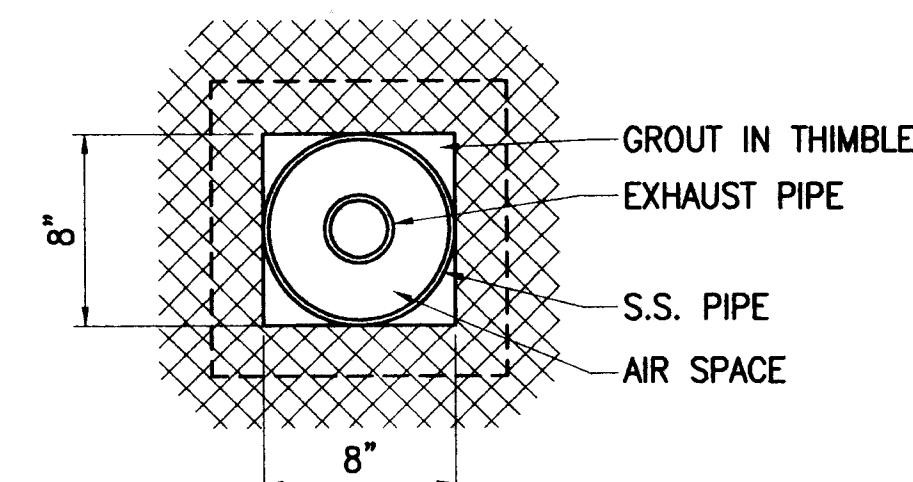
**VIBRATION ISOLATOR** (H)  
NOT TO SCALE  
PA-2 PM-3



**ENGINE EXHAUST PIPE SUPPORT** (E)  
NOT TO SCALE  
PA-2 PM-3



**ENGINE EXHAUST PIPE THRU WALL** (F)  
NOT TO SCALE  
PA-2 PM-3

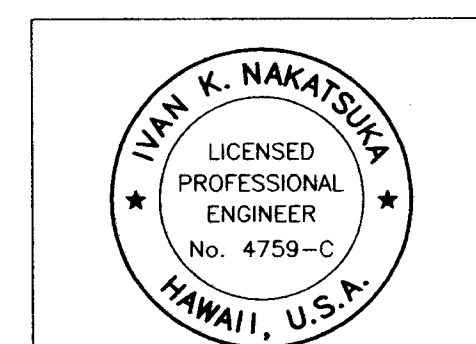


SECTION A-A

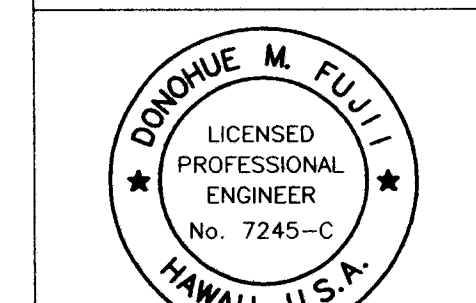
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LINE IS 2 INCHES AT FULL SIZE  
(IF NOT 2-INCHES : Scale Accordingly)

DWG. NO. **PM-3**  
SHEET 95 OF 106

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**RECORD DRAWING**  
SHEET 95 OF 107  
DATE 1/31/05



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OR UNDER MY SUPERVISION  
DATE 7/1/03



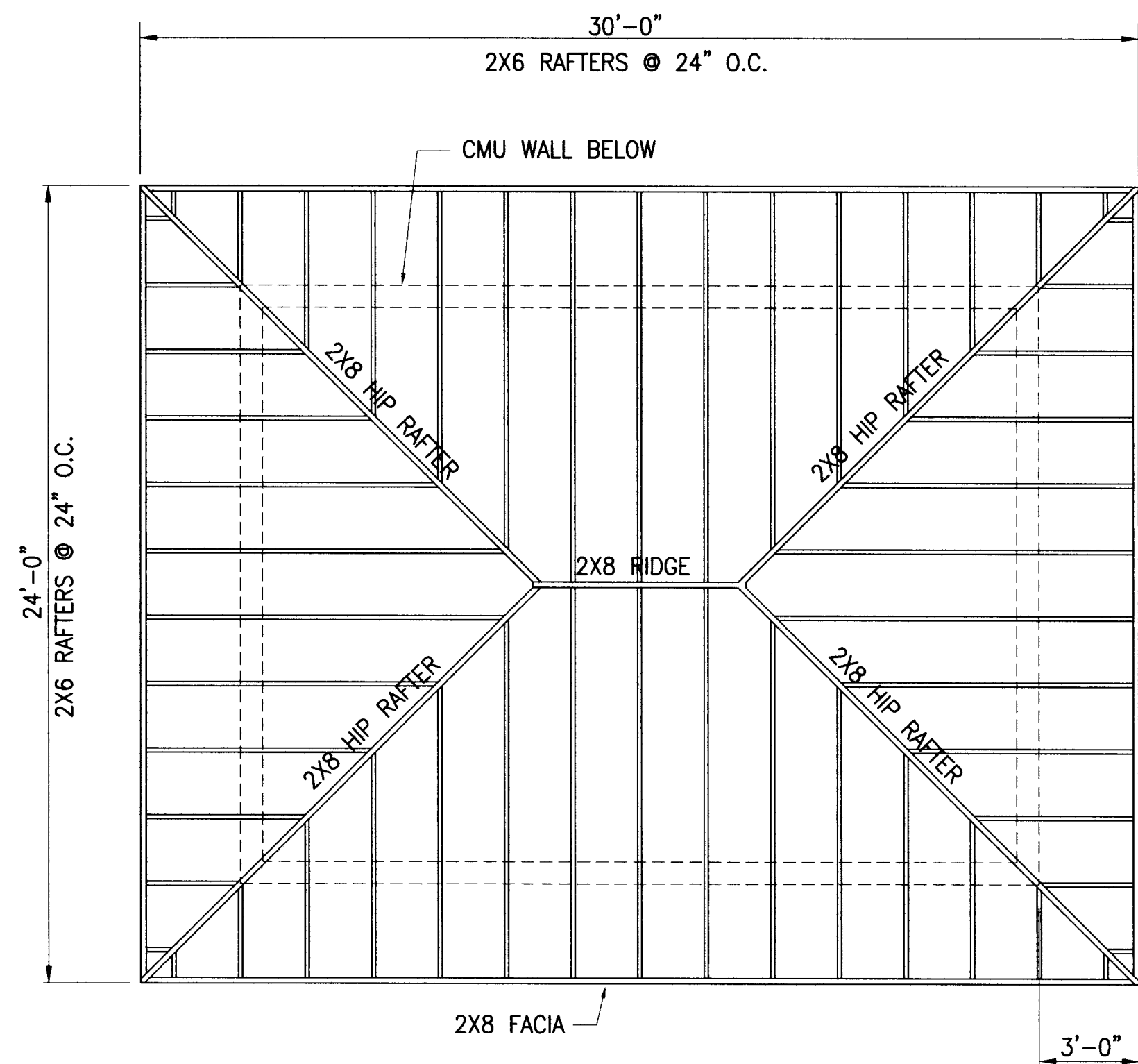
REVISION	DATE	BRIEF	MADE BY	APPROVED
7/1/03	FINAL DRAWING		ATA	

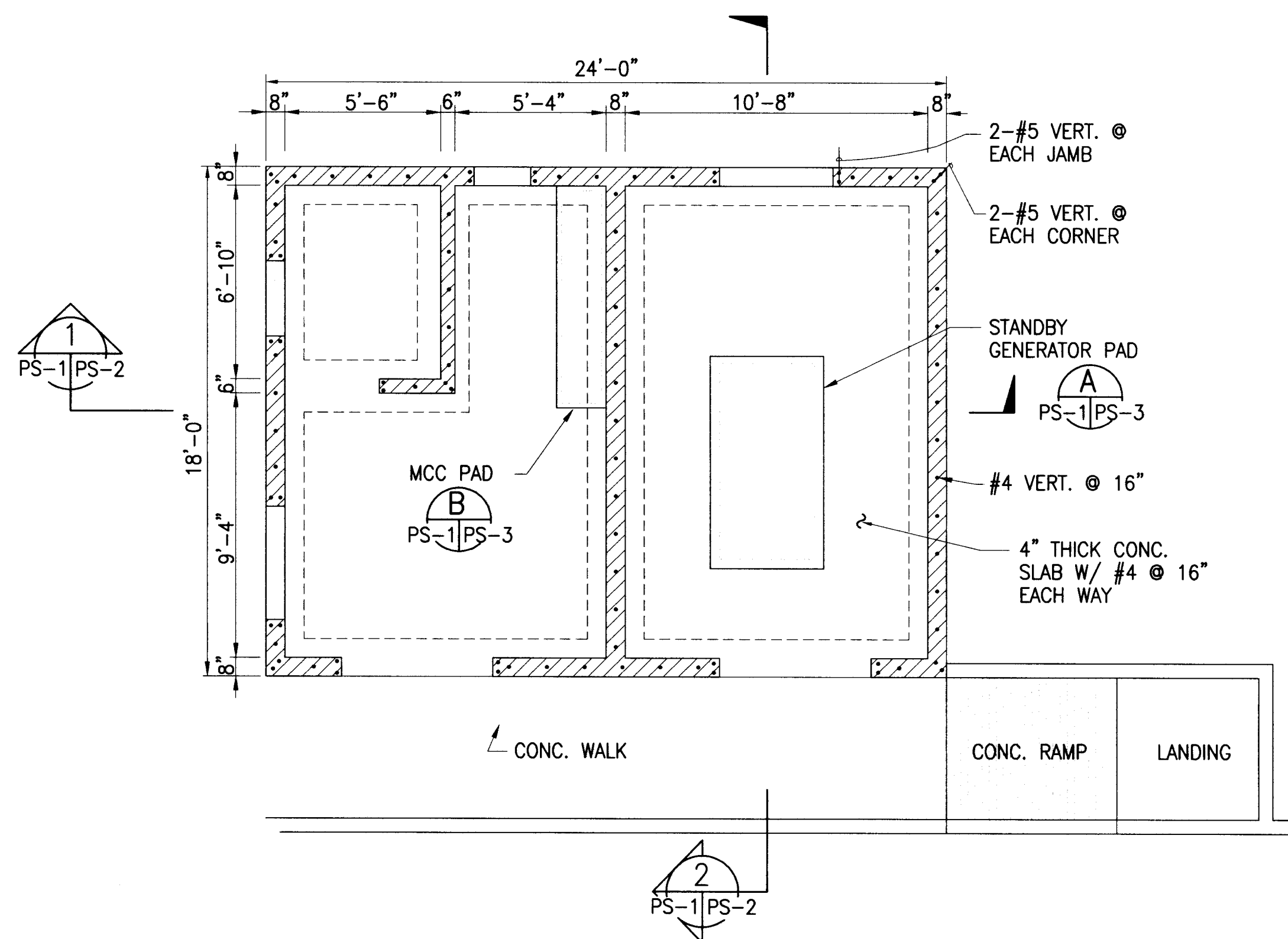
<b>ATA</b> AUSTIN, TSUTSUMI & ASSOCIATES, INC. ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII	
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C.	
WAIIEHU KOU PHASE 3 TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIIEHU, WAILUKU, MAUI, HAWAII	
MISCELLANEOUS MECHANICAL DETAILS 2	
DESIGNED BY IKN	DRAWN BY LLA
APPROVED	CHECKED BY IKN
SUBMITTED BY	DATE 7/1/03
FIRM MEMBER	DATE

FILE POCKET FOLDER NO.





**ROOF FRAMING PLAN**  
SCALE: 1/4"=1'-0"



**FLOOR PLAN**  
SCALE: 1/4"=1'-0"

### GENERAL STRUCTURAL NOTES

#### 1. REINFORCED CONCRETE:

##### A. MINIMUM CONCRETE STRENGTHS (PSI)

1. POURED IN PLACE CONCRETE AT 28 DAYS
  - a. SIDEWALK, CURBS, FENCE POST FOOTINGS, THRUST BLOCKS & BEAMS, PIPE JACKETS, DRAINAGE STRUCTURES, .... DWS 2,500
  - b. FOOTINGS, FLOOR & ROOF SLABS, BEAMS, PIPE SUPPORTS, .... DWS 3,500

##### B. REINFORCEMENT

1. UNLESS SHOWN OTHERWISE, ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

##### C. CONCRETE PROTECTION FOR REINFORCEMENT

1. FOOTINGS AND SLABS ON GRADE .... 3 INCHES
2. BEAMS AND COLUMNS ..... 1 1/2 INCHES
3. SLABS AND WALLS (PROTECTED) ... 3/4 INCH
4. SLABS AND WALLS EXPOSED TO WEATHER OR GROUND ... 2 INCHES

##### D. SPLICES IN REINFORCEMENT

1. LAPPED SPLICES SHALL BE STAGGERED WHERE POSSIBLE
2. UNLESS SHOWN OTHERWISE, MINIMUM LAP DISTANCES SHALL BE 48 BAR DIAMETER.
3. UNLESS SHOWN OTHERWISE ON PLANS, SPLICES WILL BE ALLOWED ONLY ON LOCATIONS INDICATED. SUSPENDED BEAMS AND SLABS-TOP BARS AT MIDSPAN BOTTOM BARS AT SUPPORTS.

##### E. REINFORCEMENT AT OPENINGS IN SLABS & WALLS:

UNLESS SHOWN OTHERWISE ON PLANS. ALL OPENINGS IN SLABS AND WALLS SHALL BE FRAMED WITH 2-#5 BARS ALL AROUND, EXTENDING 24 INCHES BEYOND THE OPENING.

#### II. CONCRETE HOLLOW BLOCK (CMU):

- A. UNLESS SHOWN OTHERWISE ON PLANS, CONCRETE HOLLOW BLOCK UNITS SHALL BE 2-CORE TYPE CONFORMING TO ASTM C-90 AND HAVE MINIMUM REINFORCEMENT AS FOLLOWS: 8" BLOCKS, 1-#5 VERT., 24" O.C. WITH STANDARD DUR-O-WALL OR APPROVED EQUAL AT 16" O.C.
- B. IN ADDITION TO THE REINFORCING SCHEDULE ABOVE, 2-#5 ADDITIONAL VERTICAL REINFORCING SHALL BE PROVIDED AT ALL INTERSECTIONS, JAMBS, MULLIONS, CORNERS, AND DISCONTINUOUS ENDS.
- C. UNLESS SHOWN OTHERWISE ON PLANS, ALL HOLLOW BLOCK LINTELS SHALL HAVE 2-#5 BOTTOM, EXTENDING 24" BEYOND SUPPORT FACES.
- D. ALL CELLS WITH REINFORCEMENT OR TO RECEIVE ANCHORS, SHALL BE FILLED WITH 2500 PSI GROUT AND SHALL BE THOROUGHLY RODDED TO PREVENT HONEYCOMBING.
- E. INTERIOR JOINTS SHALL BE STRUCK FLUSH AND EXTERIOR JOINTS SHALL BE RODDED.
- F. REINFORCING BARS SHALL BE LAPPED MINIMUM OF 48 BAR DIAMETERS WHERE SPLICED. STAGGER SPLICES WHEREVER POSSIBLE. DOWELS FROM CONCRETE FOOTINGS, SLABS, WALLS OR COLUMNS SHALL EXTEND INTO THE CMU BLOCK WALL A MINIMUM OF 2'-0". DOWELS TO MATCH SIZE AND SPACING OF WALL REINFORCING.

#### III. TIMBER

- A. UNLESS OTHERWISE NOTED, ALL STRUCTURAL TIMBER SHALL BE WOLMANIZED DOUGLAS FIR-LARCH NO. 2 GRADE.

#### IV. CONSTRUCTION NOTES:

- A. CONSTRUCTION WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 1991 EDITION OF THE UNIFORM BUILDING CODE (UBC).

#### V. DESIGN NOTES:

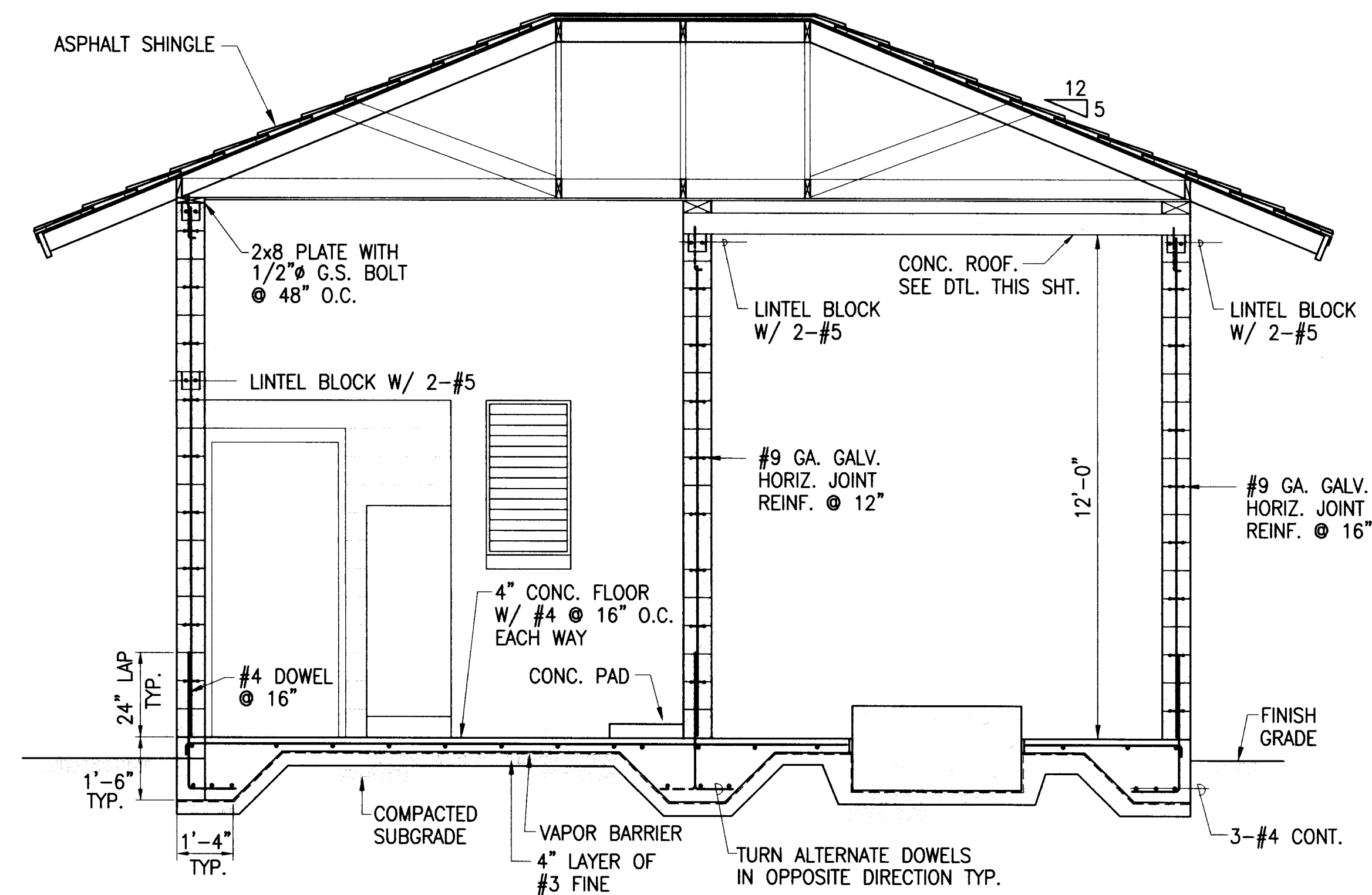
- A. ROOF LIVE LOAD ..... 20 PSF
- B. WIND SPEED ..... PER UBC, 1991 EDITION, 80 MPH
- C. EARTHQUAKE ..... ZONE 2

CIVIL  
**RECORD DRAWING**  
99 OF 107  
DATE 1/31/05

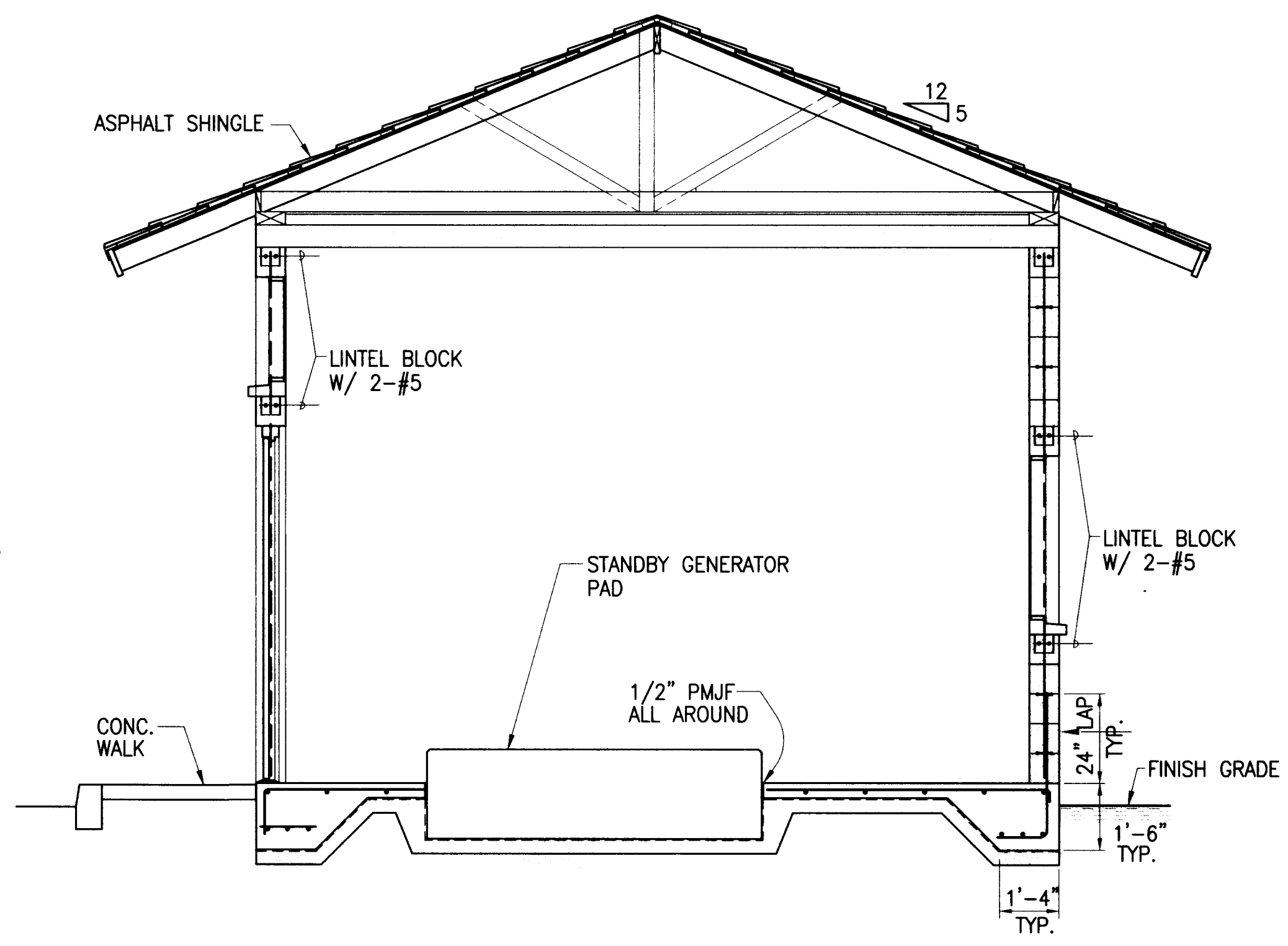
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION <i>Delwin P. K. Ching</i>		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION <i>Donohue M. Fujii</i>	
<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b> ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII			
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C. <b>WAIIEHU KOU PHASE 3</b> TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIIEHU, WAILUKU, MAUI, HAWAII <b>STRUCTURAL NOTES AND CONTROL BUILDING PLANS</b>			
DESIGNED BY IKN	DRAWN BY LLA	CHECKED BY DC	
APPROVED	SUBMITTED BY		
	DATE		
	FIRM MEMBER	DATE	
FILE	POCKET	FOLDER	NO.

DWG. NO. **PS-1**  
SHEET 96 OF 106

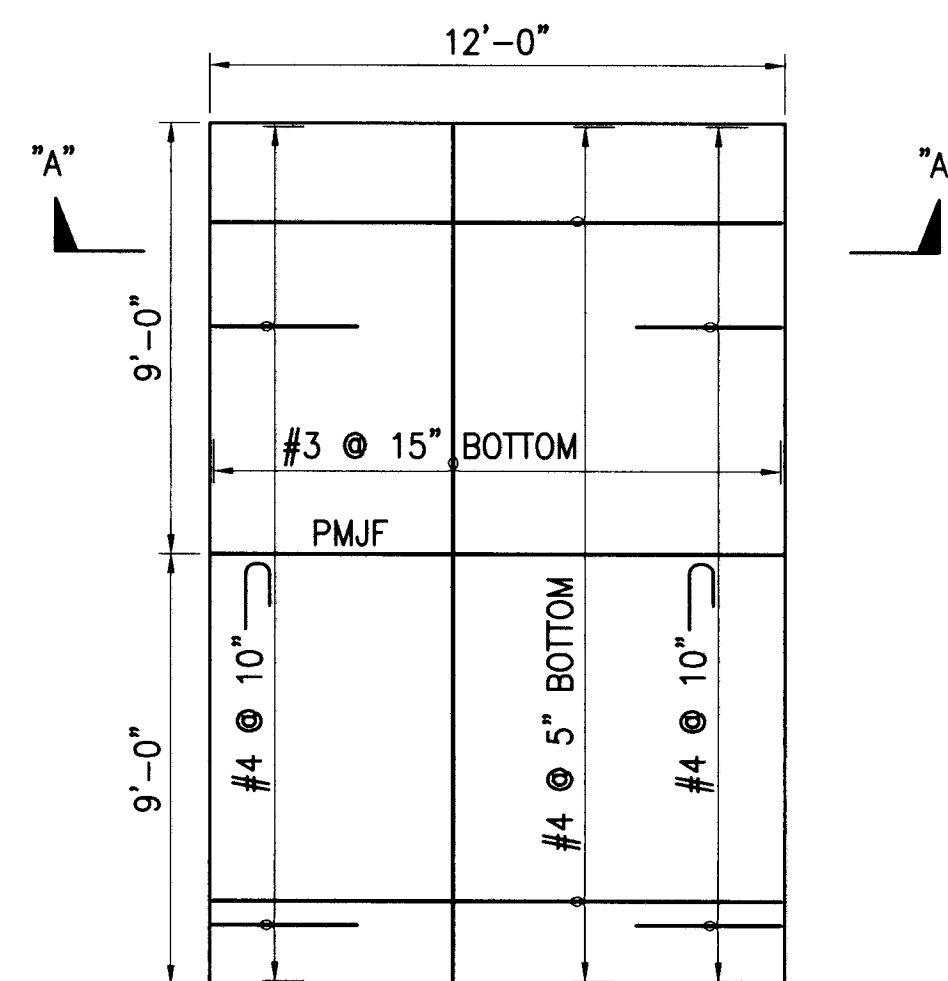




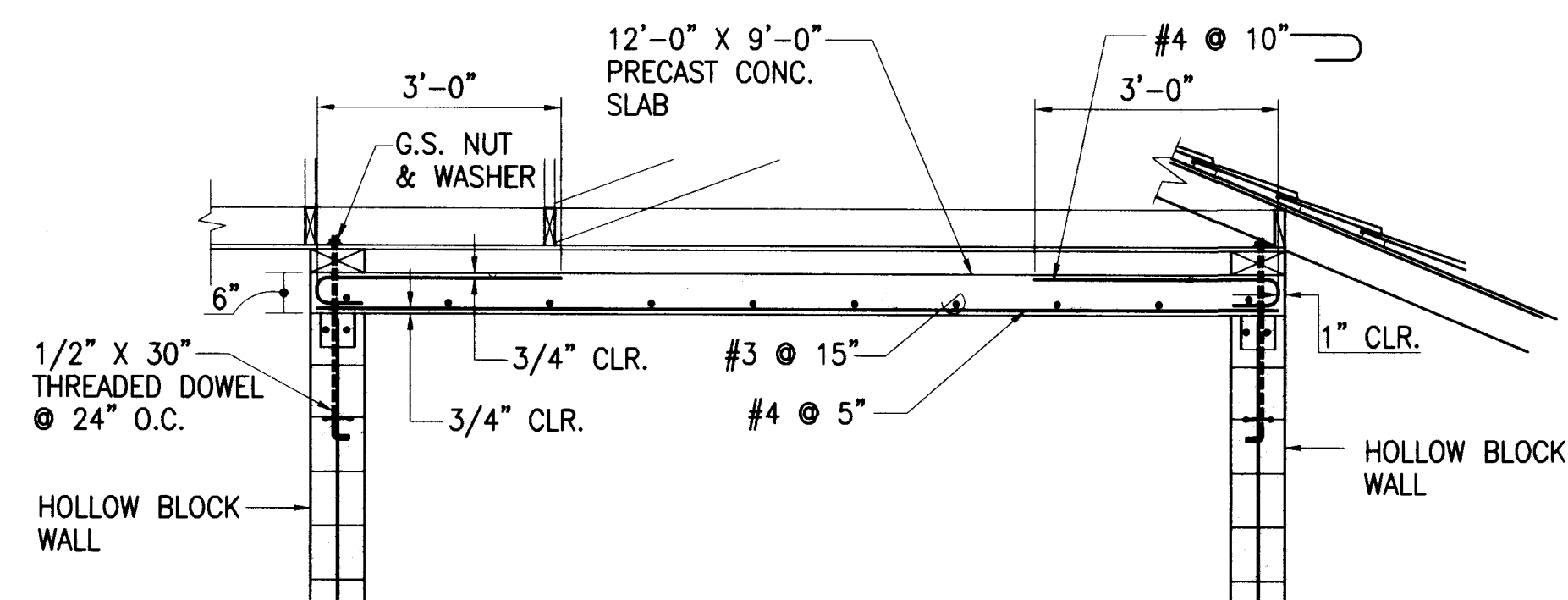
**SECTION 1**  
SCALE: 3/8"=1'-0" PS-1/PS-2



**SECTION 2**  
SCALE: 3/8"=1'-0" PS-2/PS-2



**PLAN**  
SCALE: 1/4"=1'-0"



**SECTION "A" - "A"**  
SCALE: 1/2"=1'-0"

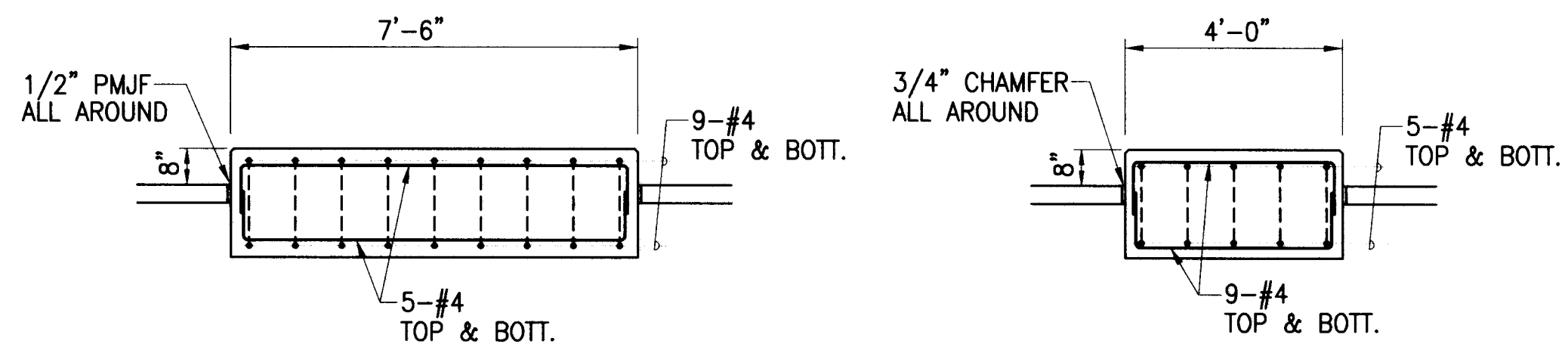
# **GENERATOR ROOM ROOF DETAILS**

CIVIL  
**RECORD DRAWING**  
SHEET 100 OF 107  
DATE: 1/31/05

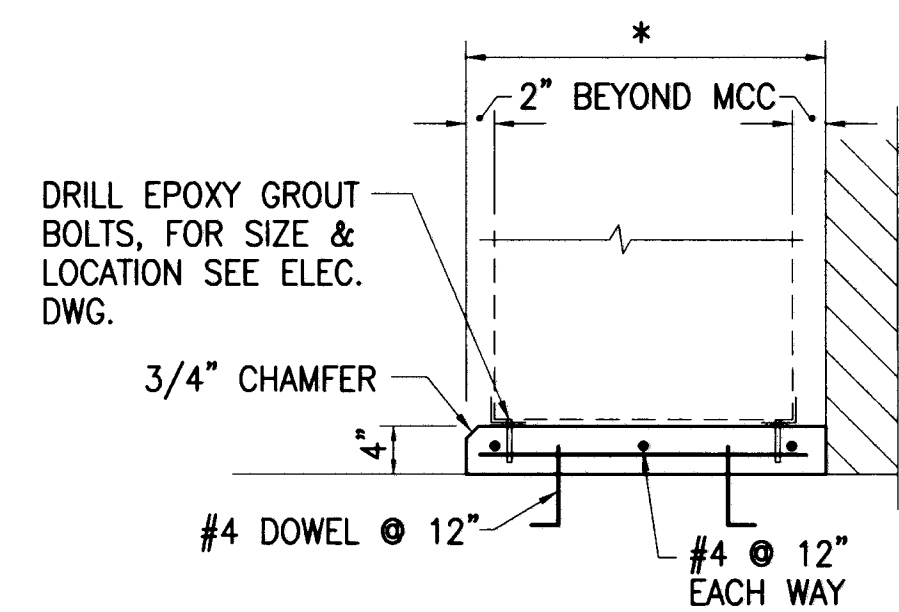
 <small>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION</small> 	<b>7/1/03</b> <small>REVISION DATE</small>	<b>FINAL DRAWING</b> <small>BRIEF</small>	<b>ATA</b> <small>MADE BY</small>	<small>APPROVED</small>
	<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b> <small>ENGINEERS, SURVEYORS HONOLULU, WAILUKU, HAWAII</small>			
<b>DEPARTMENT OF HAWAIIAN HOME LANDS</b> <b>DEVELOPER: WK3, L.L.C.</b> <b>WAIIEHU KOU PHASE 3</b> <small>TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIIEHU, WAILUKU, MAUI, HAWAII</small> <b>CONTROL BUILDING SECTIONS AND DETAILS</b>				
<small>DESIGNED BY IKN</small>		<small>DRAWN BY LLA</small>	<small>CHECKED BY DC</small>	
<small>APPROVED</small>		<small>SUBMITTED BY</small>  <small>DATE</small>		
<small>FILE</small>		<small>POCKET</small>	<small>FOLDER</small>	<small>NO.</small>

DWG. NO. **PS-2**  
SHEET 97 OF 106



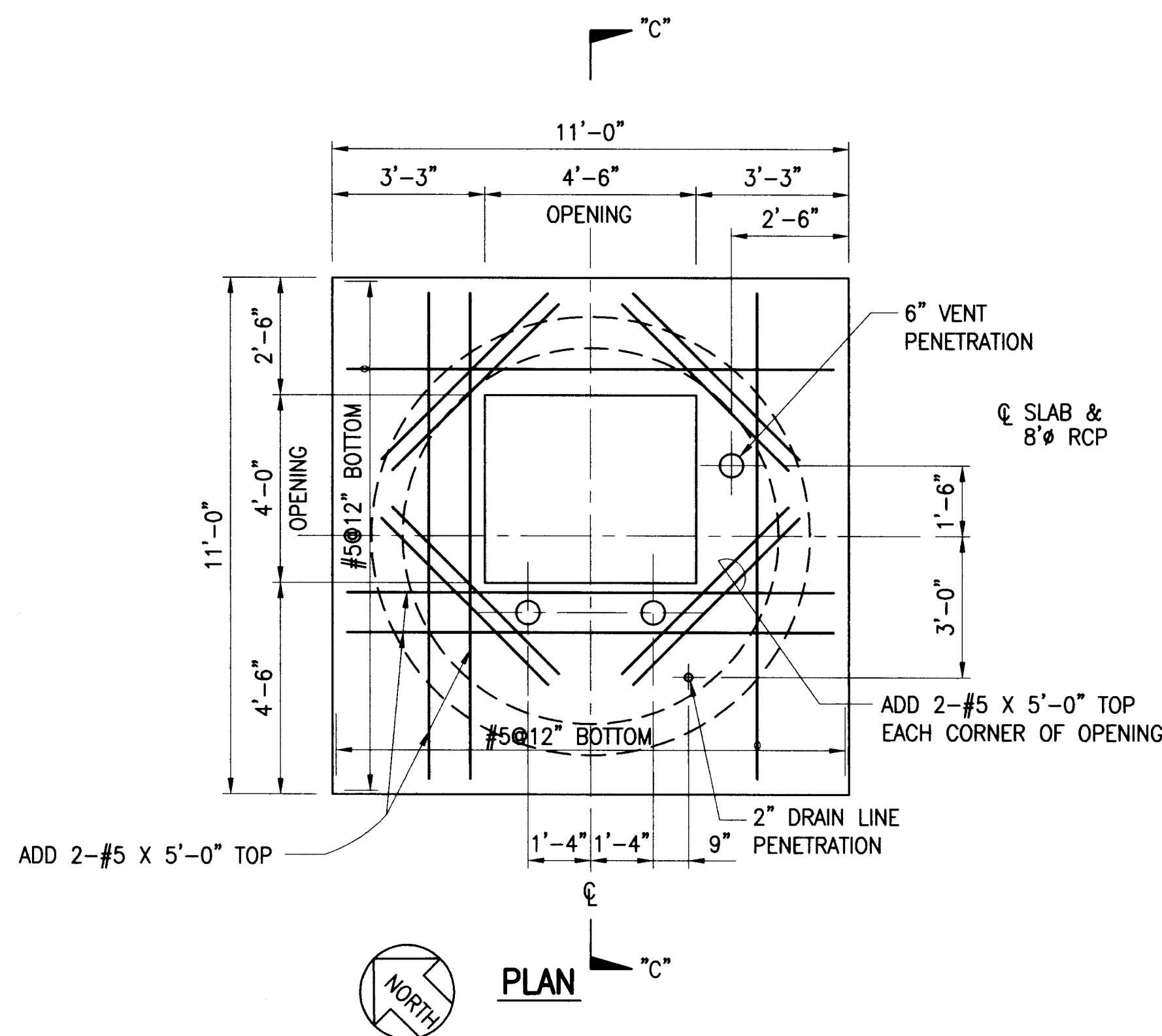


**STANDBY GENERATOR PAD** **A**  
SCALE: 3/8"=1'-0" PS-1|PS-3

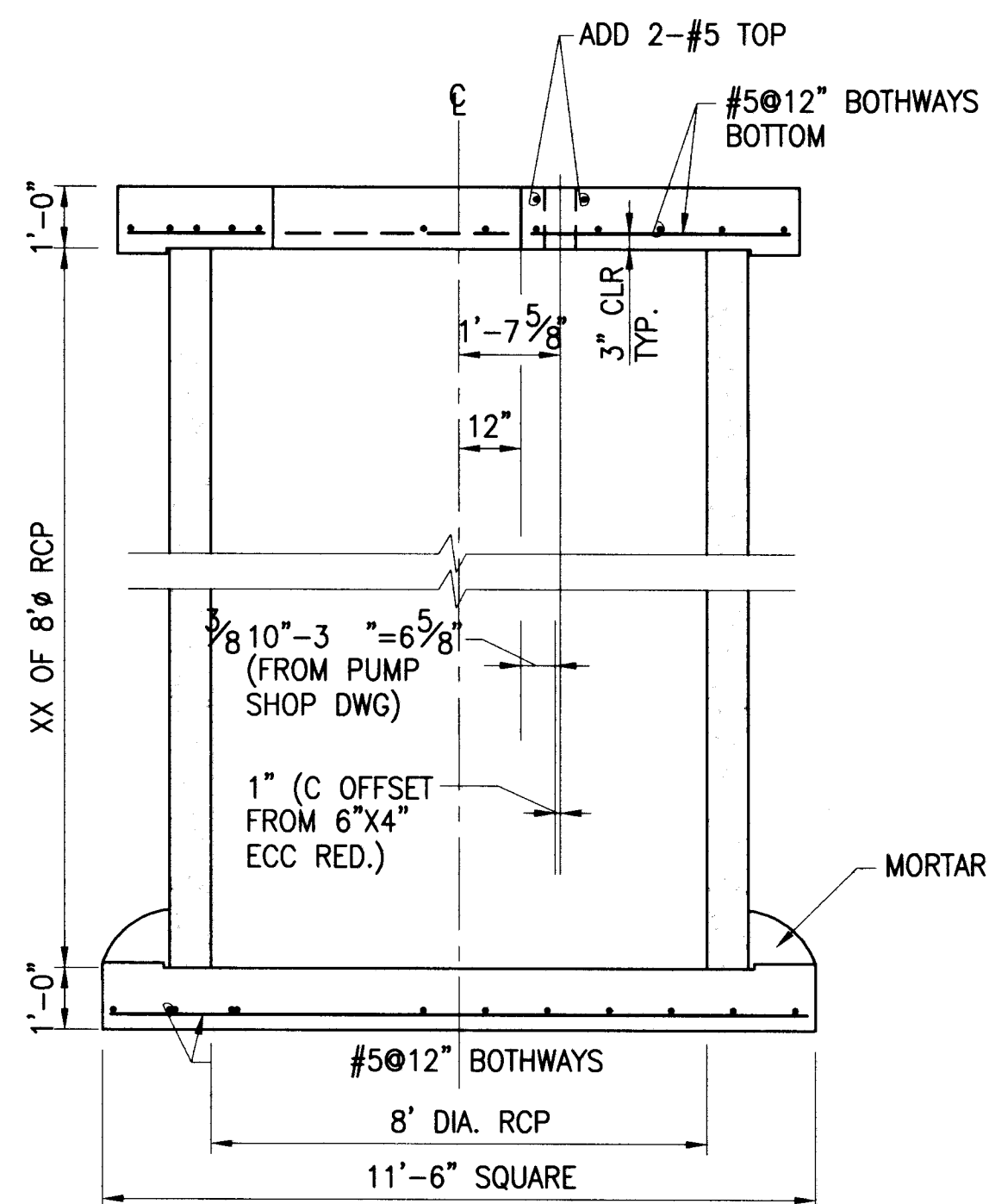


\* LENGTH AND WIDTH OF PAD TO BE DETERMINED BY ACTUAL DIMENSIONS OF MCC.

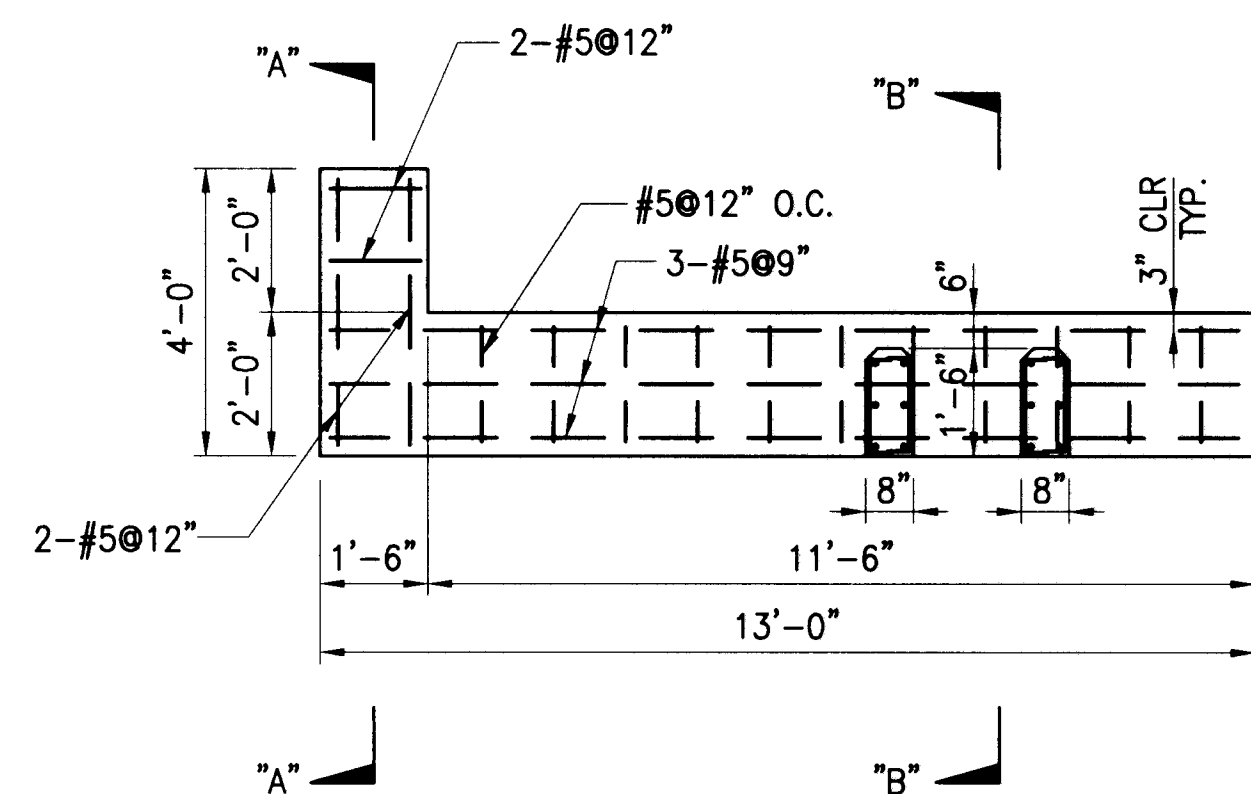
**MCC PAD** **B**  
NOT TO SCALE PS-1|PS-3



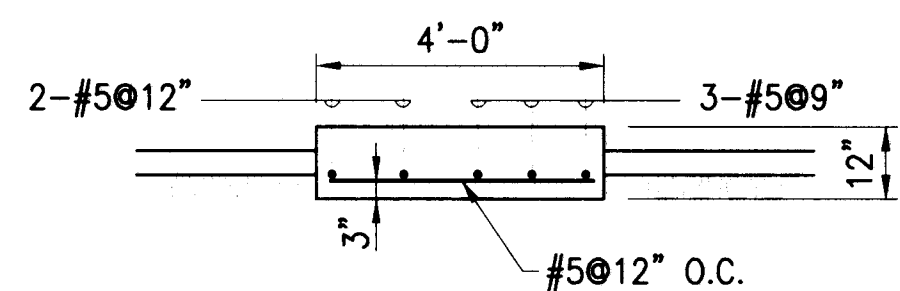
**WWPS WET WELL DETAIL** **C**  
SCALE: 3/8"=1'-0" PS-3|PS-3



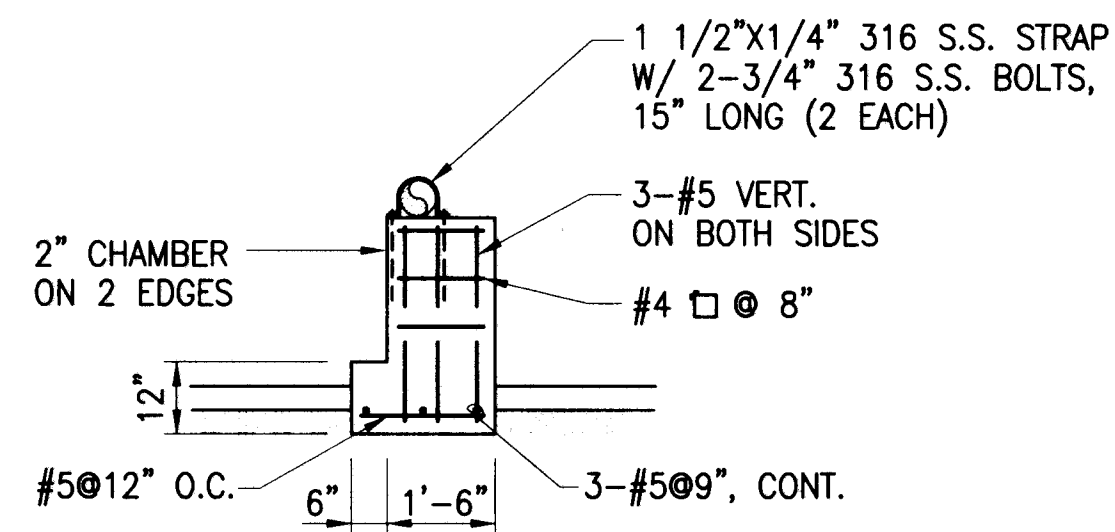
**SECTION "C-C"**



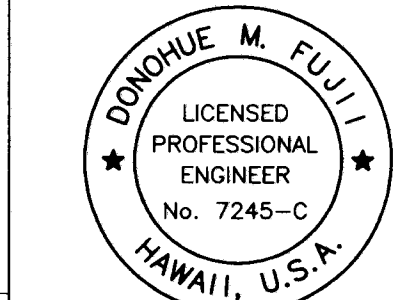
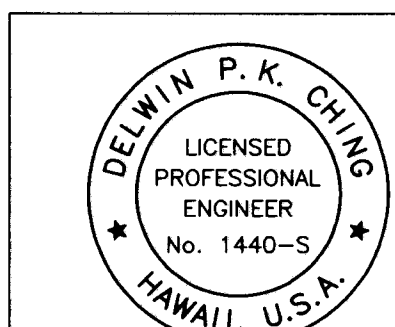
**DISCHARGE PIPING CONCRETE PAD** **D**  
SCALE: 3/8"=1'-0" PS-3|PS-3



**SECTION "A-A"**



**SECTION "B-B"**



REVISION	DATE	BRIEF	MADE BY	APPROVED
7/1/03		FINAL DRAWING	ATA	

**ATA** **AUSTIN, TSUTSUMI & ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS HONOLULU, WAILUKU, HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.

WAIIEHU KOU PHASE 3  
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9  
WAIIEHU, WAILUKU, MAUI, HAWAII

**MISCELLANEOUS  
STRUCTURAL DETAILS**

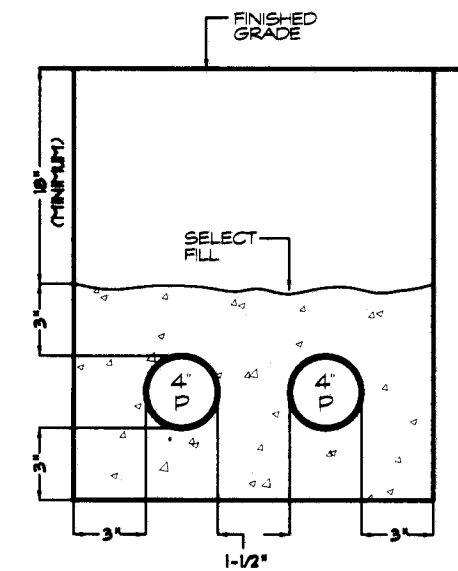
DESIGNED BY: IKM DRAWN BY: LLA CHECKED BY: DC

APPROVED SUBMITTED BY: *[Signature]*

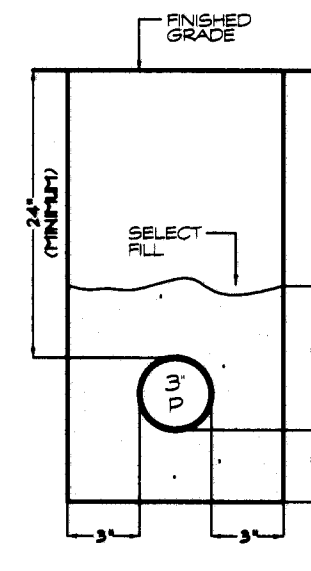
DATE: FIRM MEMBER DATE:

FILE	POCKET	FOLDER	NO.

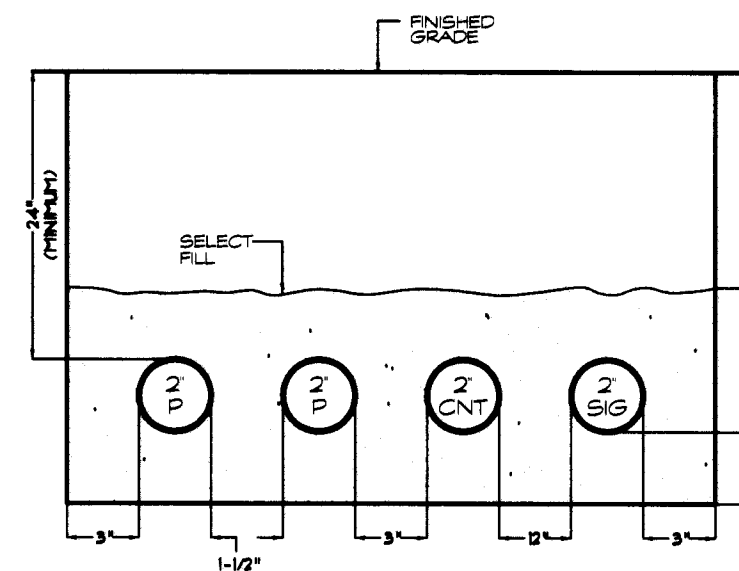




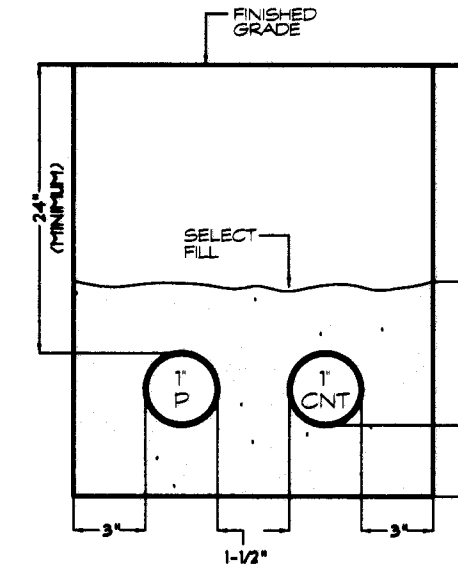
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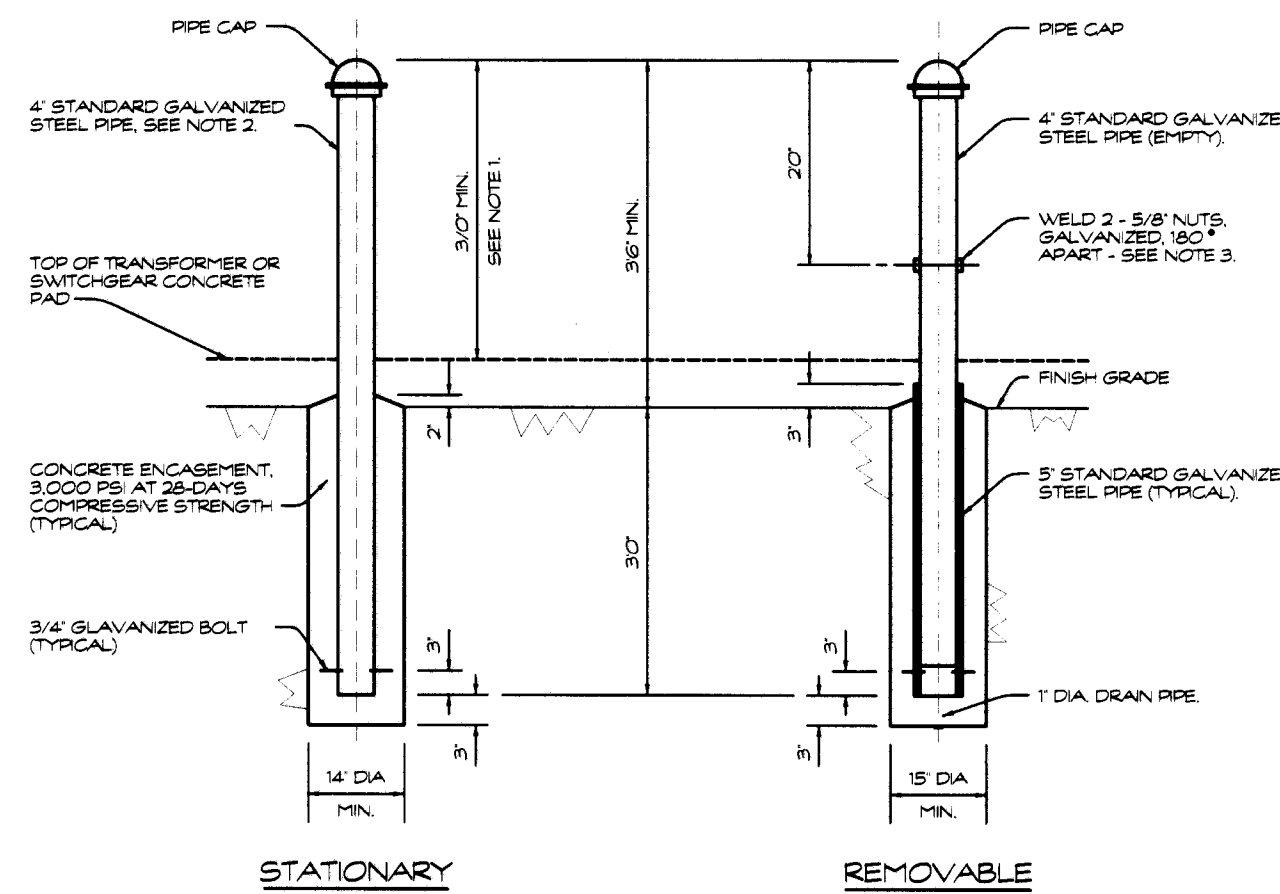
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NOT TO SCALE



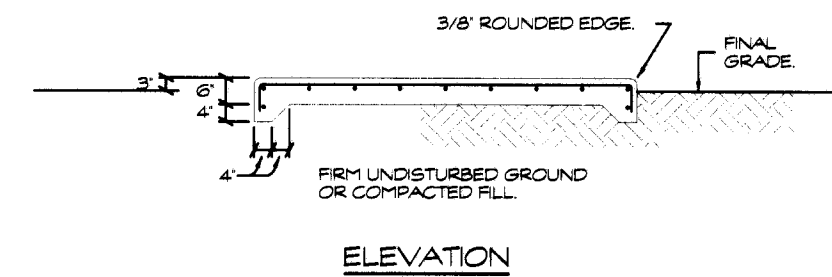
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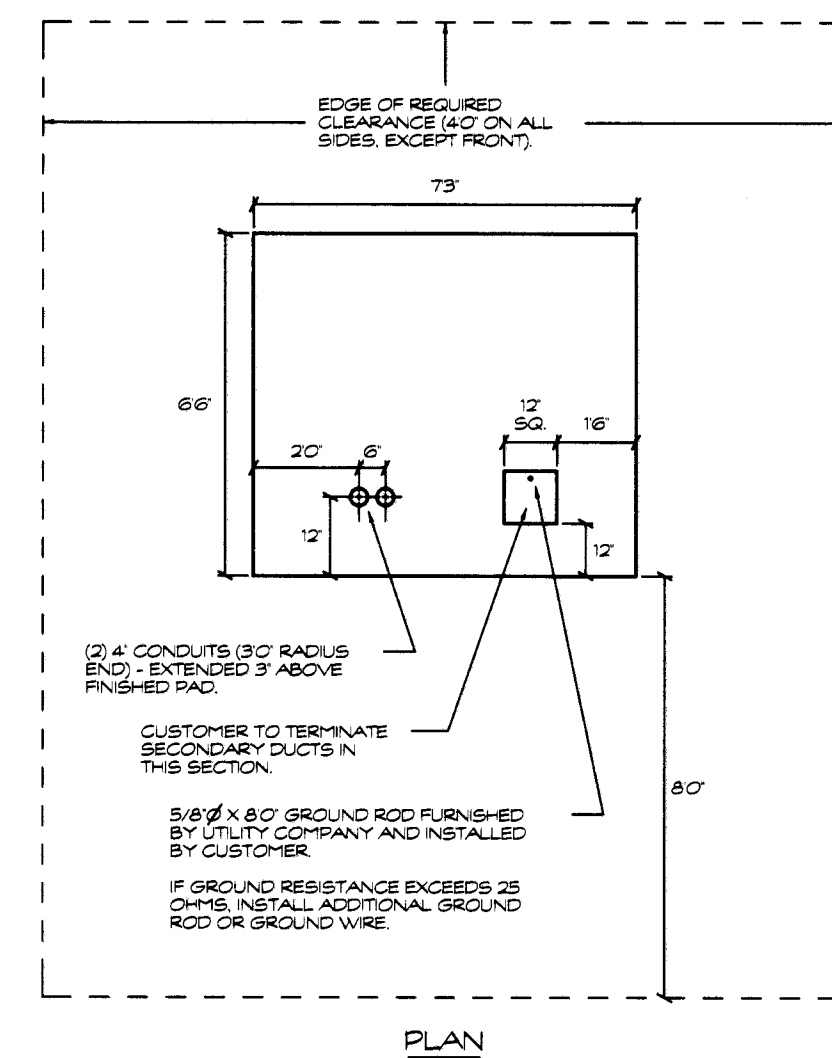
**TRENCHING DETAIL "A"**  
NOT TO SCALE



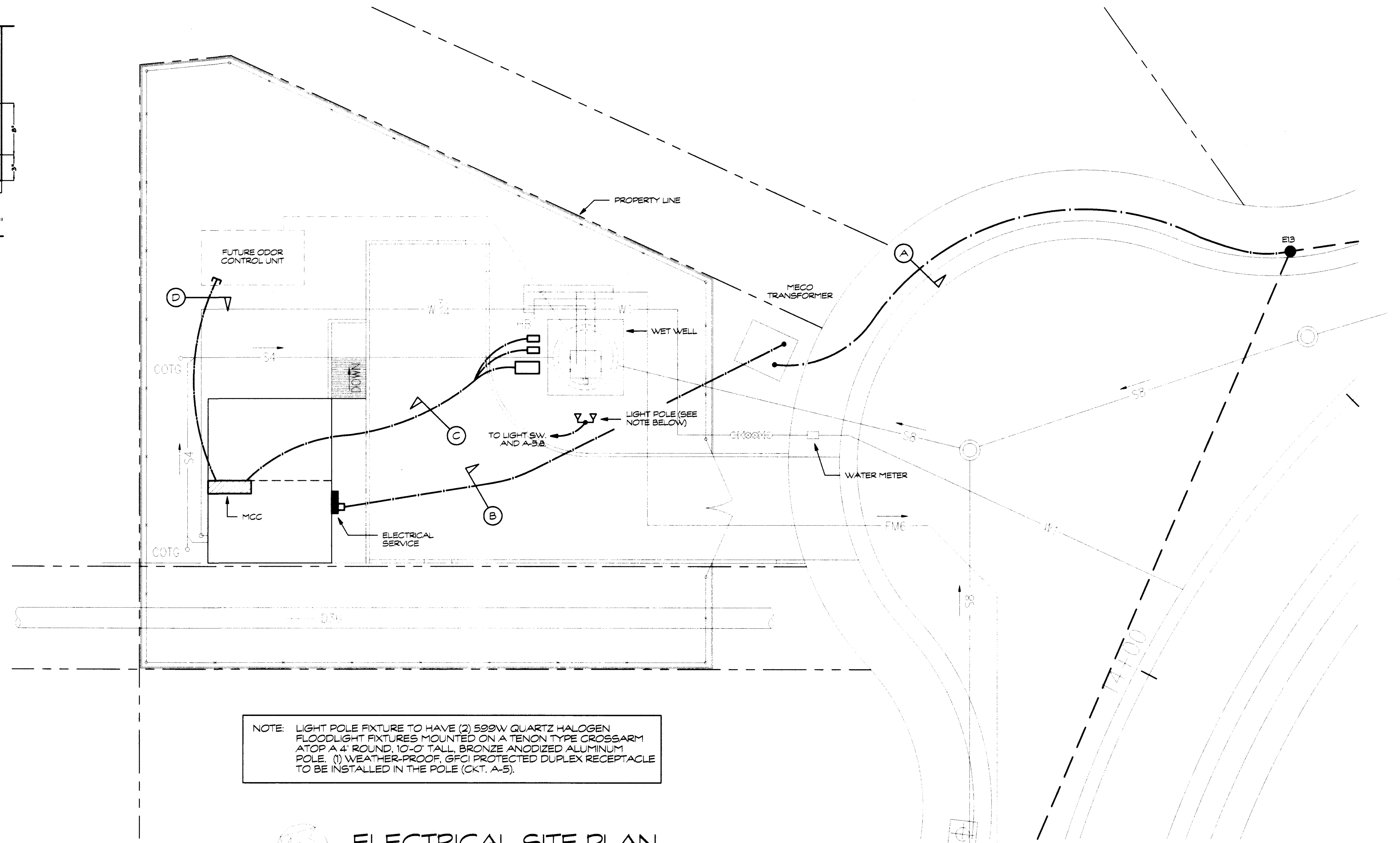
- NOTES (STANCHION):**
1. ALL STANCHIONS SHALL BE INSTALLED AT THE SAME HEIGHT ABOVE TOP OF TRANSFORMER OR SWITCHGEAR CONCRETE PAD.
  2. STATIONARY STANCHIONS TO BE FILLED WITH CONCRETE AND TO WEIGH APPROXIMATELY 150 LBS.
  3. WELDED NUTS ARE FOR SCREWING IN BOLTS TO ACT AS HANDLES FOR LIFTING REMOVABLE STANCHIONS. BOLT TO BE REMOVED AFTER INSTALLATION.
  4. STANCHIONS SHALL BE PAINTED YELLOW PER AESTHETIC SPECIFICATION. ZSS1 TO COMPLY WITH OSHA STANDARDS FOR COLOR CODING.
  5. STANCHION SHALL CONFORM TO ASTM A53.
  6. STANCHION TYPE AND LOCATION SHALL REQUIRE APPROVAL KECO'S MANAGER, ENGINEERING DEPARTMENT.



**MECO STANCHION DETAIL**  
NOT TO SCALE

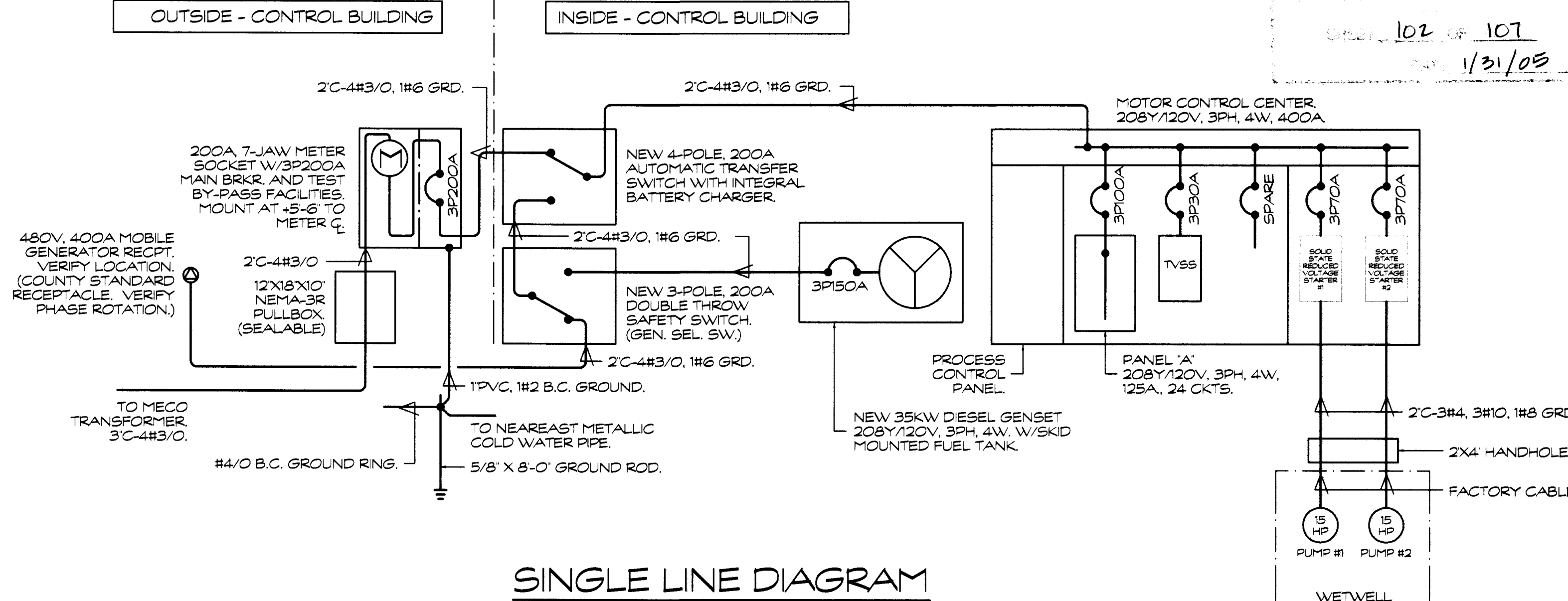


**75-750 KVA TRANSFORMER PAD**  
NOT TO SCALE



NOTE: LIGHT POLE FIXTURE TO HAVE (2) 599W QUARTZ HALOGEN FLOODLIGHT FIXTURES MOUNTED ON A TENON TYPE CROSSARM ATOP A 4" ROUND, 10'-0" TALL BRONZE ANODIZED ALUMINUM POLE. (1) WEATHER-PROOF, GFCI PROTECTED DUPLEX RECEPTACLE TO BE INSTALLED IN THE POLE (CCT. A-5).

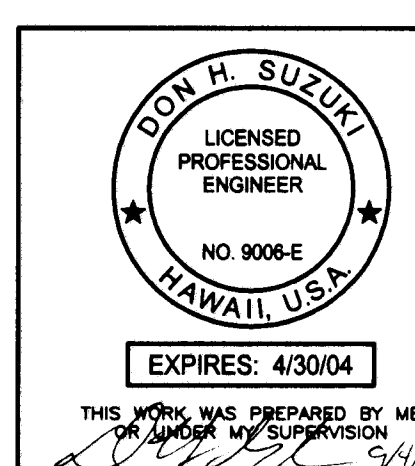
**ELECTRICAL SITE PLAN**  
SCALE: 1"=10'-0"



**SINGLE LINE DIAGRAM**  
NOT TO SCALE

**SERVICE LOAD CALCULATION**

GENERAL LIGHTING:	432 SQ. FT. X 3 VA/SQ. FT. =	1,296 VA
GENERAL POWER:	432 SQ. FT. X 7 VA/SQ. FT. =	3,024 VA
SUBMERSIBLE PUMPS:	(2) 15 HP, 208V, 3PH. =	37,260 VA
ODOR CONTROL (FUTURE):	5 HP, 208V, 3PH. =	6,300 VA
	TOTAL VA =	47,880 VA
	SERVICE VOLTAGE: 208Y/120V, 3PH, 4W, (1) =	193 AMPS.



REVISION	DATE	BRIEF	MADE BY	APPROVED

**AUSTIN, TSUTSUMI & ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.

**WAIIEHU KOU PHASE 3**  
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9  
WAIIEHU, WAILUKU, MAUI, HAWAII

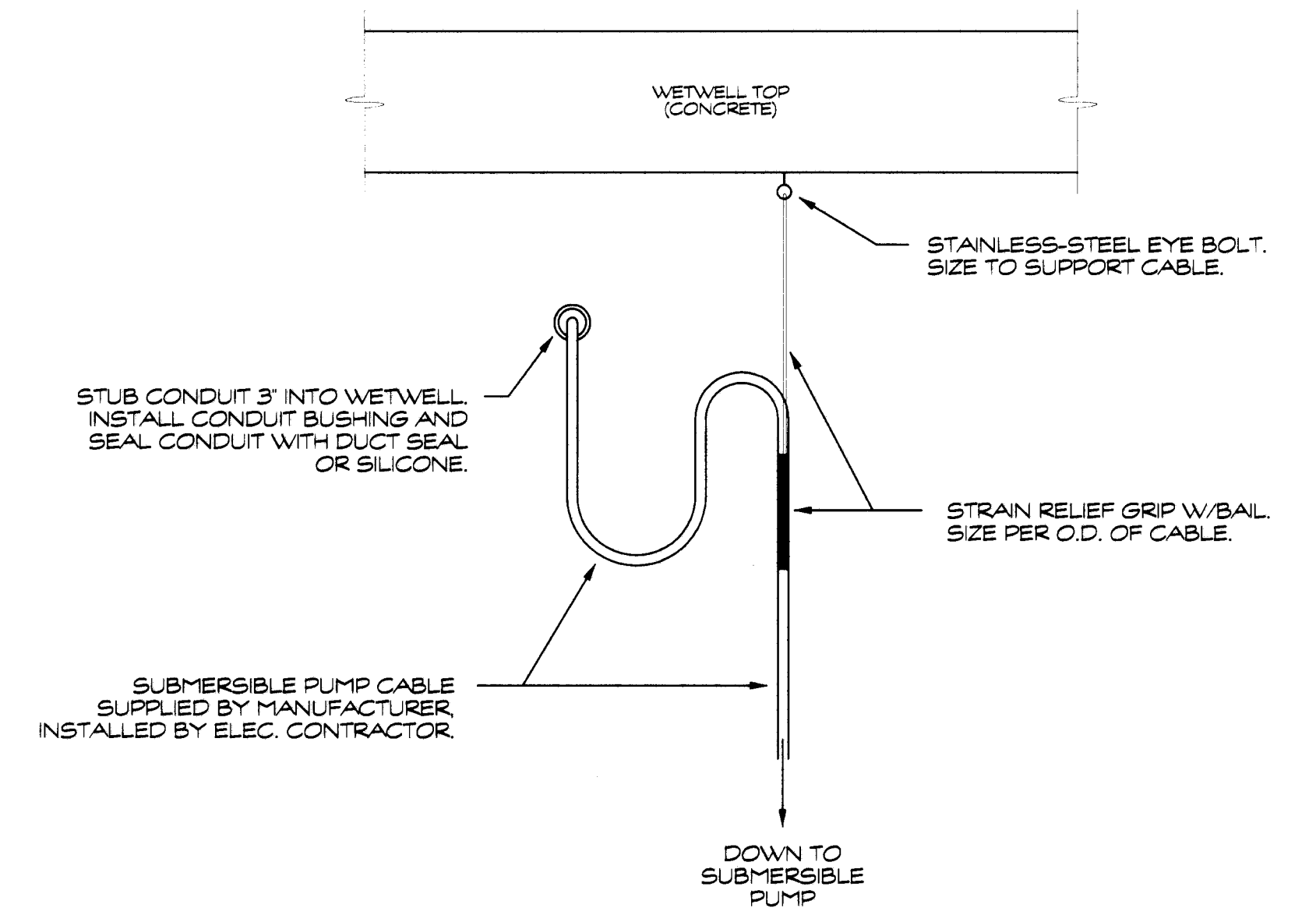
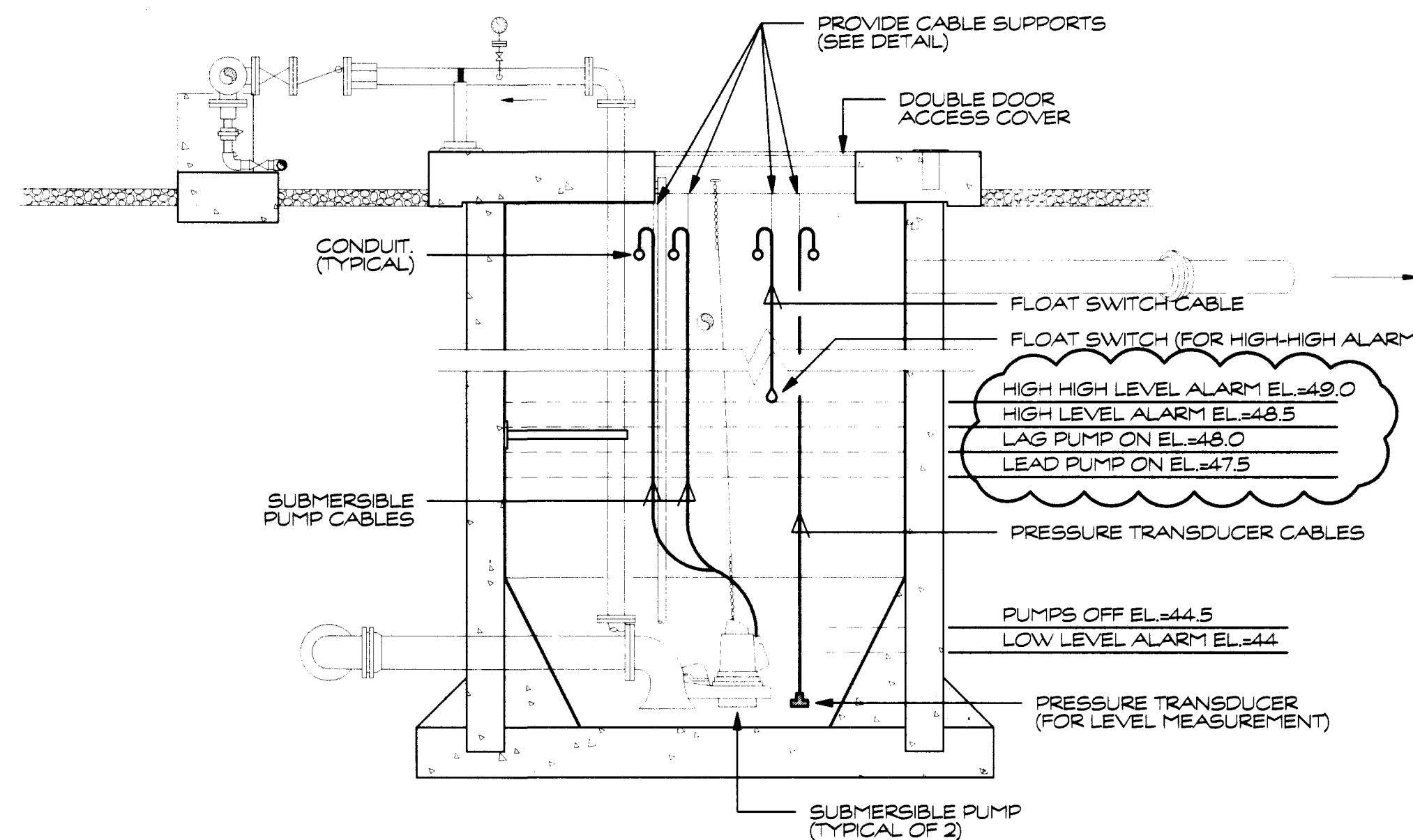
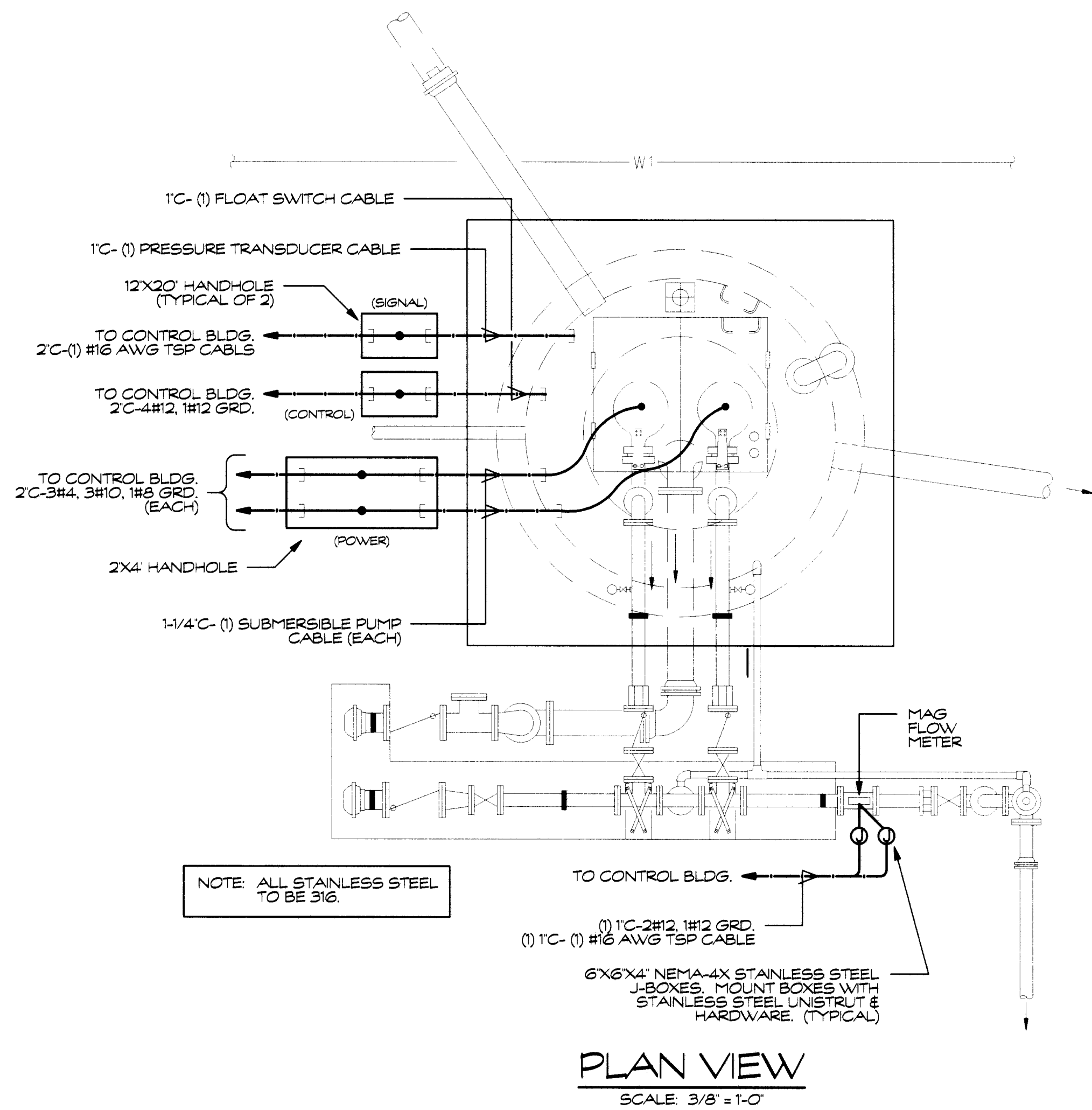
**WASTEWATER PUMP STATION  
ELECTRICAL SITE PLAN**

DESIGNED BY D.S. DRAWN BY K.N. CHECKED BY D.S.

APPROVED: *[Signature]* SUBMITTED BY: *[Signature]* DATE: 4/1/03

FILE FOLDER FOLDER NO.





CIVIL  
RECORD DRAWING  
SHEET 103 OF 107  
DATE 1/31/05

	REVISION	DATE	DESCRIPTION	MADE BY	APPROVED
	2	7/1/03	FINAL DRAWING	ATA	
<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b> ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII					
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C. <b>WAIIEHU KOU PHASE 3</b> TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIIEHU, WAILUKU, MAUI, HAWAII <b>PUMP WET WELL ELECTRICAL PLAN</b>					
DESIGNED BY D.S.		DRAWN BY K.N.		CHECKED BY D.S.	
APPROVED		SUBMITTED BY		DATE	
		FIRM MEMBER		DATE	

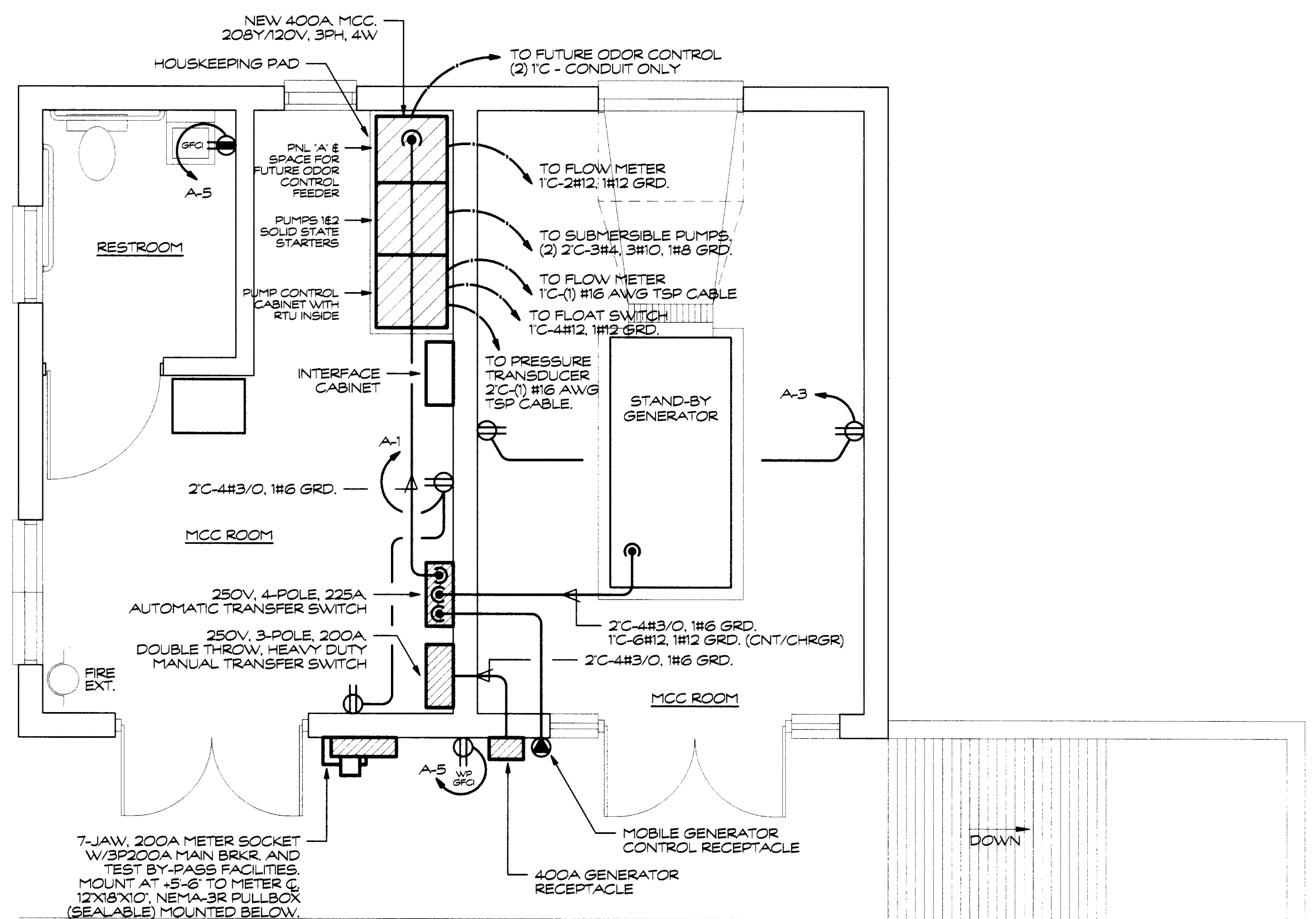
0 1 2  
LINE IS 2 INCHES AT FULL SIZE  
(IF NOT 2-INCHES : Scale Accordingly)

DWG. NO. **PE-2**  
SHEET 100 OF 106

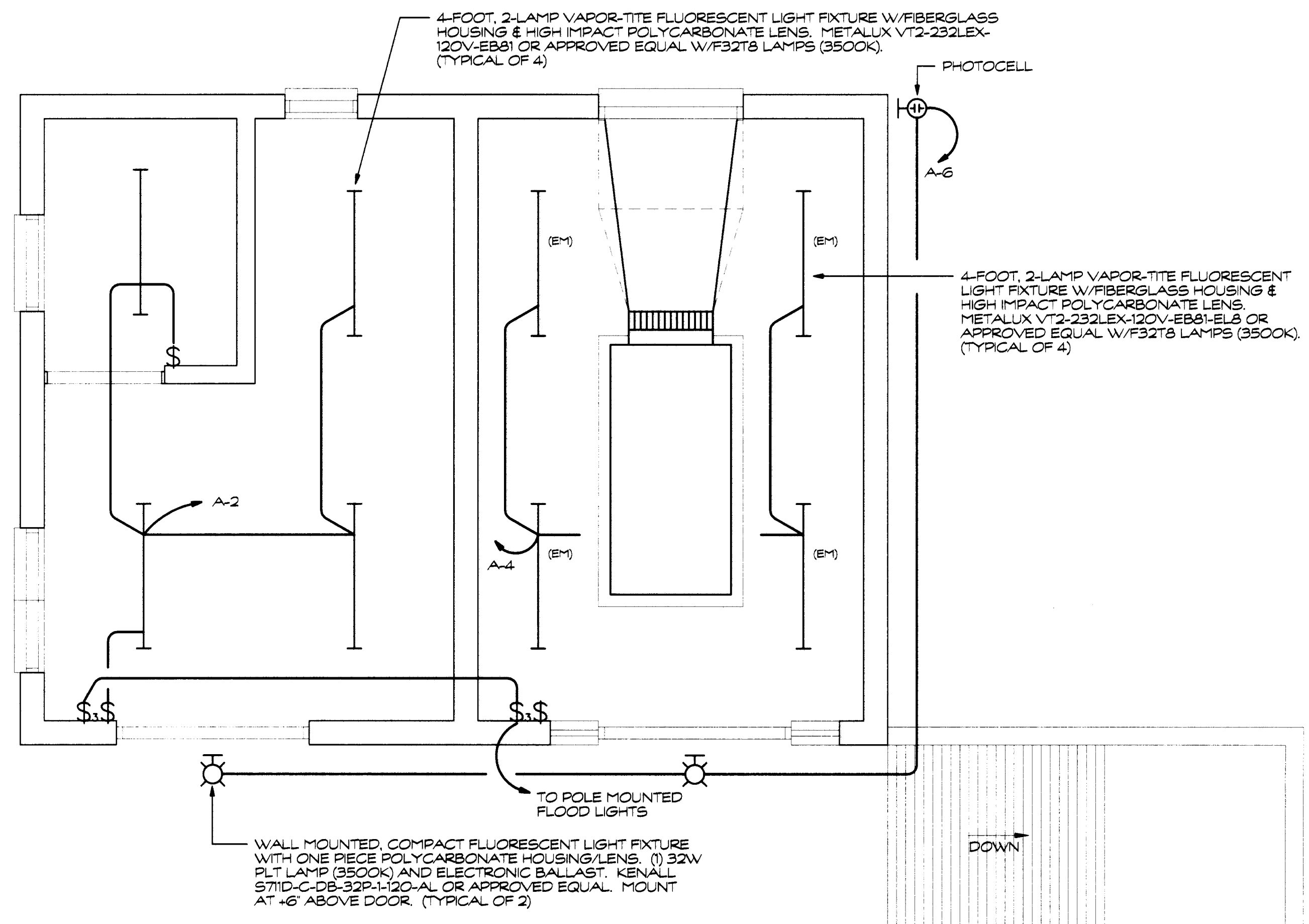
CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY SUPERVISION AS REQUIRED BY SECTION 16-115-2, HAWAIIAN CONSTRUCTION ACT, AND I AM A MEMBER OF THE HAWAIIAN SOCIETY OF PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS AND LANDSCAPE ARCHITECTS.

FILE POCKET FOLDER NO.





**ELECTRICAL POWER PLAN**  
SCALE: 3/8" = 1'-0"



**ELECTRICAL LIGHTING PLAN**  
SCALE: 3/8" = 1'-0"

### SYMBOLS LIST

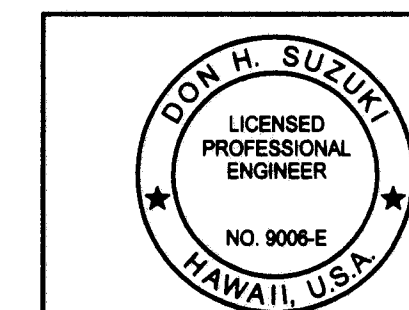
■	BRANCH CIRCUITS CONCEALED IN CEILING OR WALLS, 2 CONDUCTORS WITH CODE SIZE GROUND UNLESS NOTED OTHERWISE. NUMBER NEXT TO LINE INDICATES SIZE OF CONDUCTORS WHEN OTHER THAN #12.	
⌚	DUPLEX RECEPTACLE, 120V, 20A.	+15' UNLESS NOTED.
⌚	DUPLEX RECEPTACLE, 120V, 20A.	MTD ABOVE COUNTER.
●	EQUIPMENT CONNECTION. MATCH PER APPLICATION.	+15' UNLESS NOTED.
\$	SINGLE POLE SWITCH, 120V, 20A.	+48" UNLESS NOTED.
⌚	THREE WAY SWITCH, 120V, 20A.	+48" UNLESS NOTED.
⊙	JUNCTION BOX.	
■	PANELBOARD.	
—	4' FLUORESCENT STRIPLIGHT.	
⊙	WALL MOUNTED RECESSED DOWNLIGHT.	
GFCI	DENOTES GROUND FAULT CURRENT INTERRUPTER.	
WP	DENOTES WEATHER-PROOF.	

### PANEL SCHEDULE: PANEL "A"

Voltage: 208Y/120V Phase: 3 Wire: 4 Bus Amps: 125A No. Ckts: 24  
Mounting: SURFACE NEMA Config: 1 Breaker Type: BOLT ON - 10,000 AIC Minimum

Ckt	Description	Ph A	Ph B	Ph C	Brkr	Wire	Ckt	Description	Ph A	Ph B	Ph C	Brkr	Wire
1	R-MCC ROOM	0.4			1P20	12	2	L-MCC ROOM	1.0			1P20	12
3	R-GENERATOR RM	0.4					4	L-GENERATOR RM	1.0				
5	R-EXTERIOR		0.6				6	L-EXTERIOR		1.0			
7	PUMP CNTRL PNL	1.0					8	L-LIGHT POLE	1.0		1.0		
9	INTERFACE CAB	1.0					10	L-PUMP CONTROL	1.0				
11	SCADA RTU		1.0				12	SPACE					
13	HIGH-HIGH ALARM	1.0					14						
15	SPACE						16						
17							18						
19							20						
21							22						
23							24						

CIVIL  
**RECORD DRAWING**  
SHEET 104 OF 107  
DATE 1/31/05



EXPIRES: 4/30/04  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

REVISION	DATE	DESCRIPTION	MADE BY	APPROVED
	7/1/03	FINAL DRAWING	ATA	

**AUSTIN, TSUTSUMI & ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII

DEPARTMENT OF HAWAIIAN HOME LANDS  
DEVELOPER: WK3, L.L.C.  
WAIIEHU KOU PHASE 3  
TAX MAP KEY: 3-2-12:3 AND 3-2-13:9  
WAIIEHU, WAILUKU, MAUI, HAWAII

**CONTROL BUILDING  
ELECTRICAL POWER & LIGHTING  
PLANS**

DESIGNED BY D.S. DRAWN BY K.N. CHECKED BY D.S.

APPROVED  
DATE 1/31/05  
FIRM MEMBER

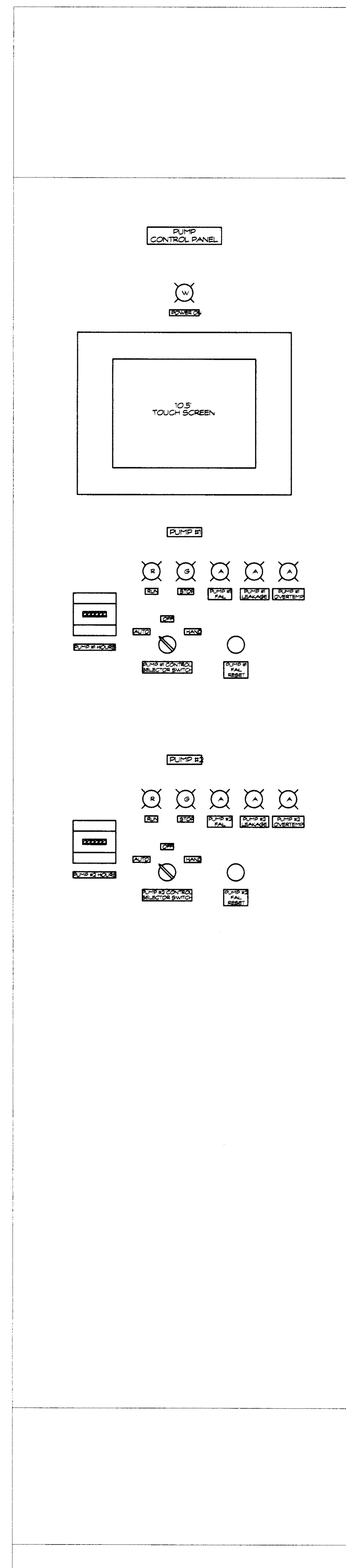
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(If NOT 2-inches : Scale Accordingly)

DWG. NO. **PE-3**  
SHEET 101 OF 106

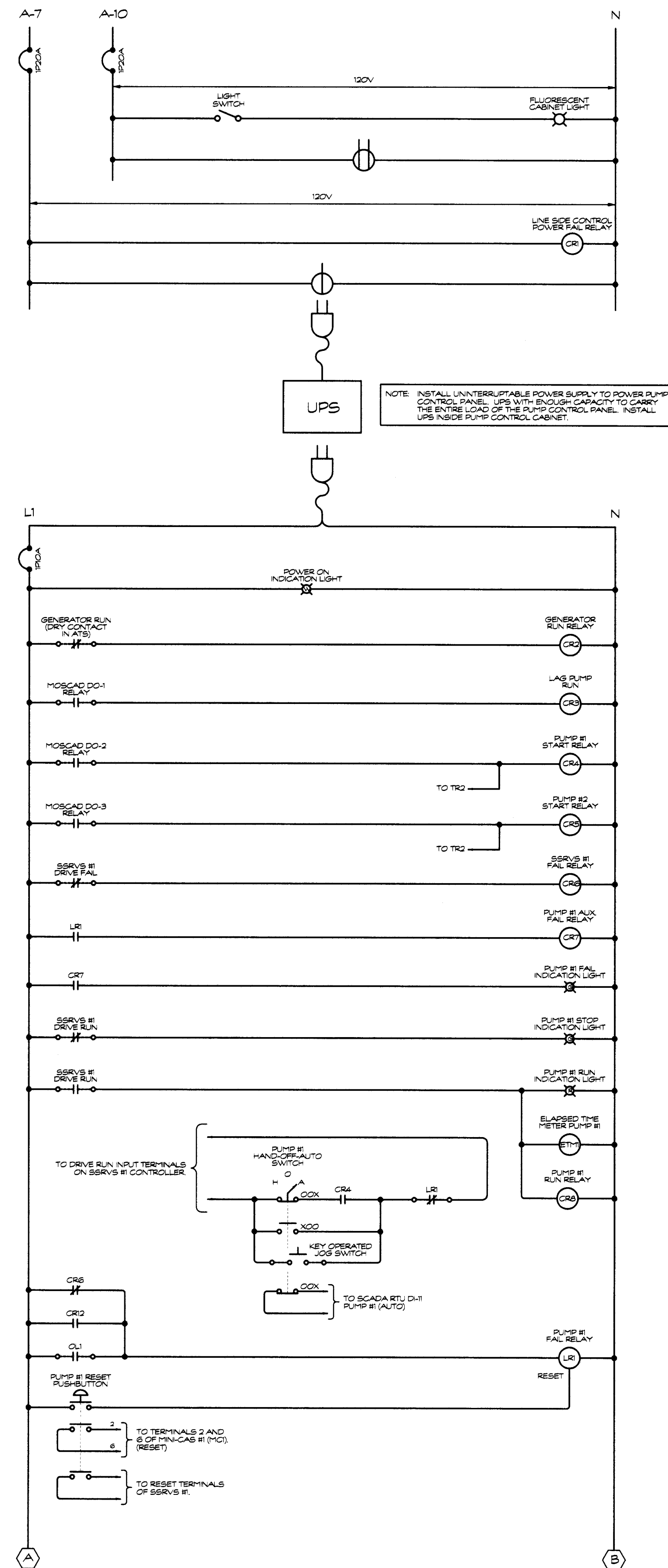
CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY CLOSE PERSONAL SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF HAWAII. I HEREBY CERTIFY THAT I AM THE DESIGNER OF THIS PROJECT AND I AM NOT PROVIDING ANY OTHER SERVICE TO THE PROJECT.

FILE POCKET FOLDER NO.

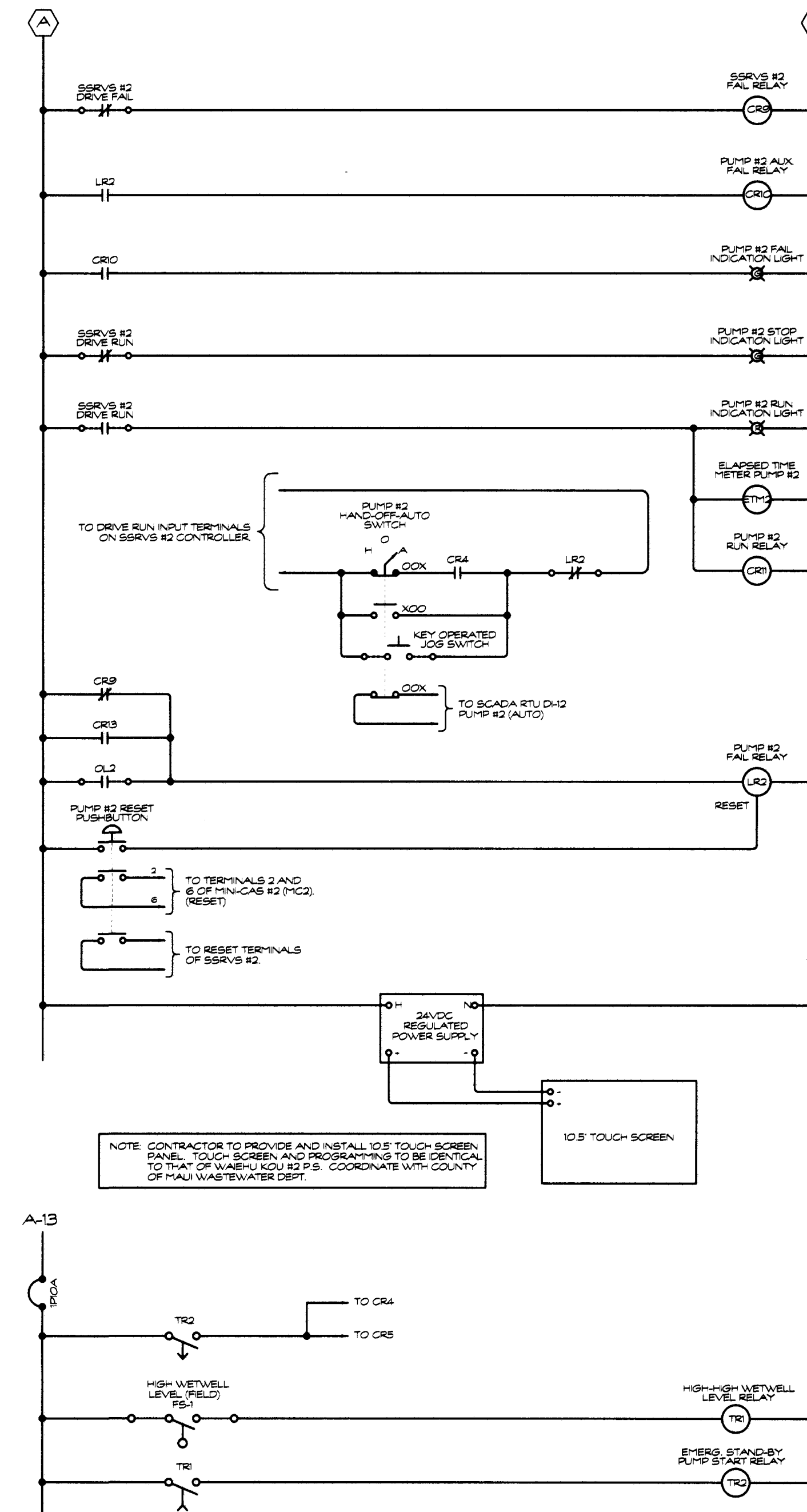




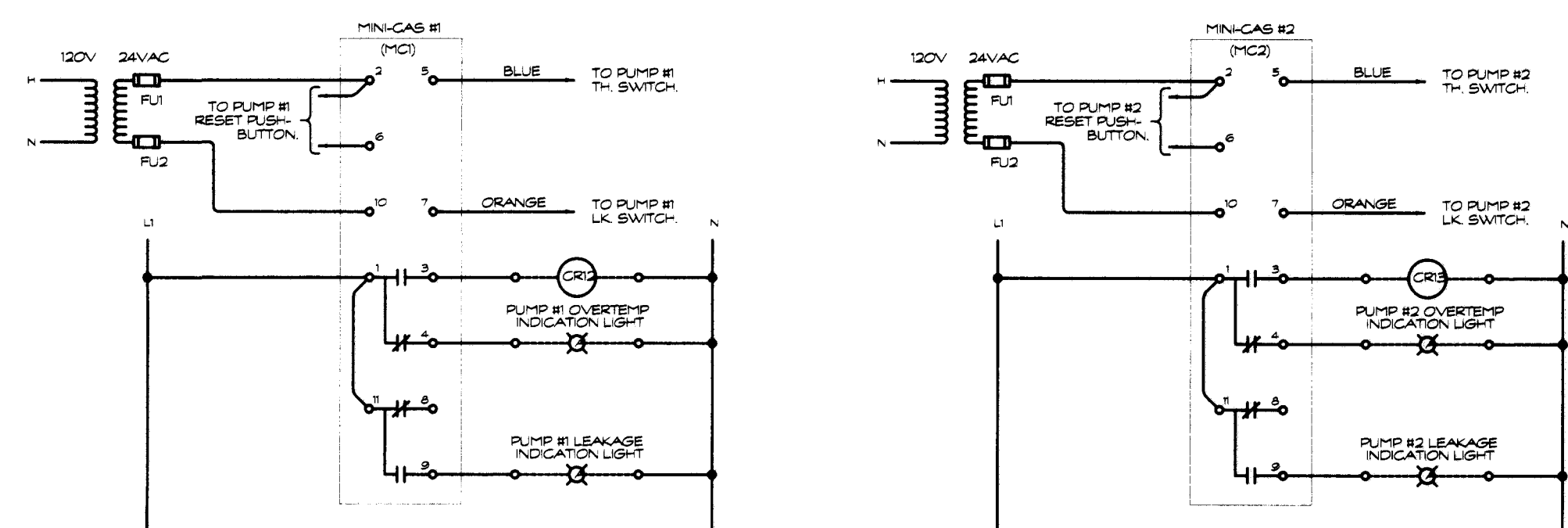
PUMP CONTROL PANEL ELEVATION  
NOT TO SCALE



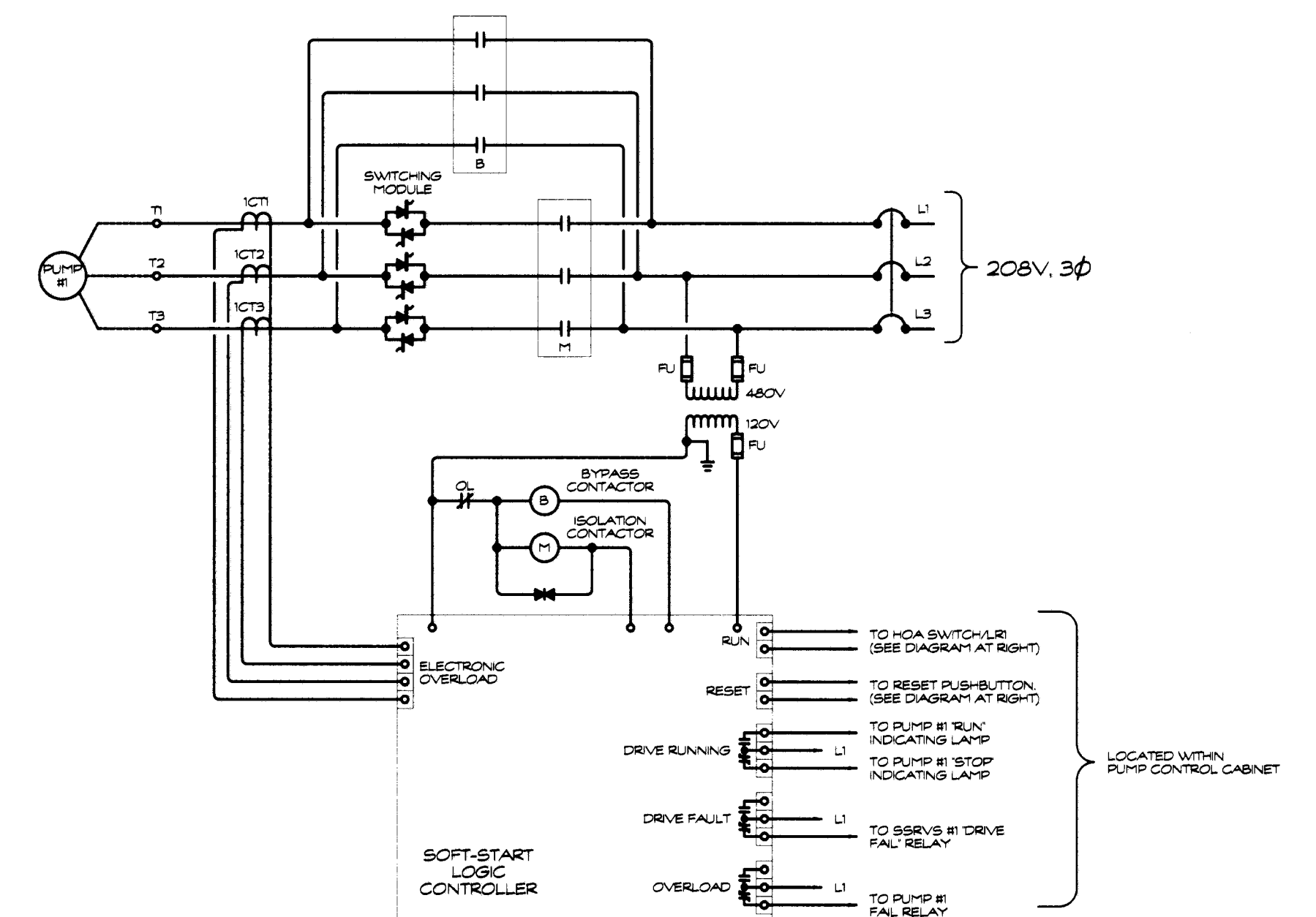
PUMP CONTROL DIAGRAM  
NOT TO SCALE



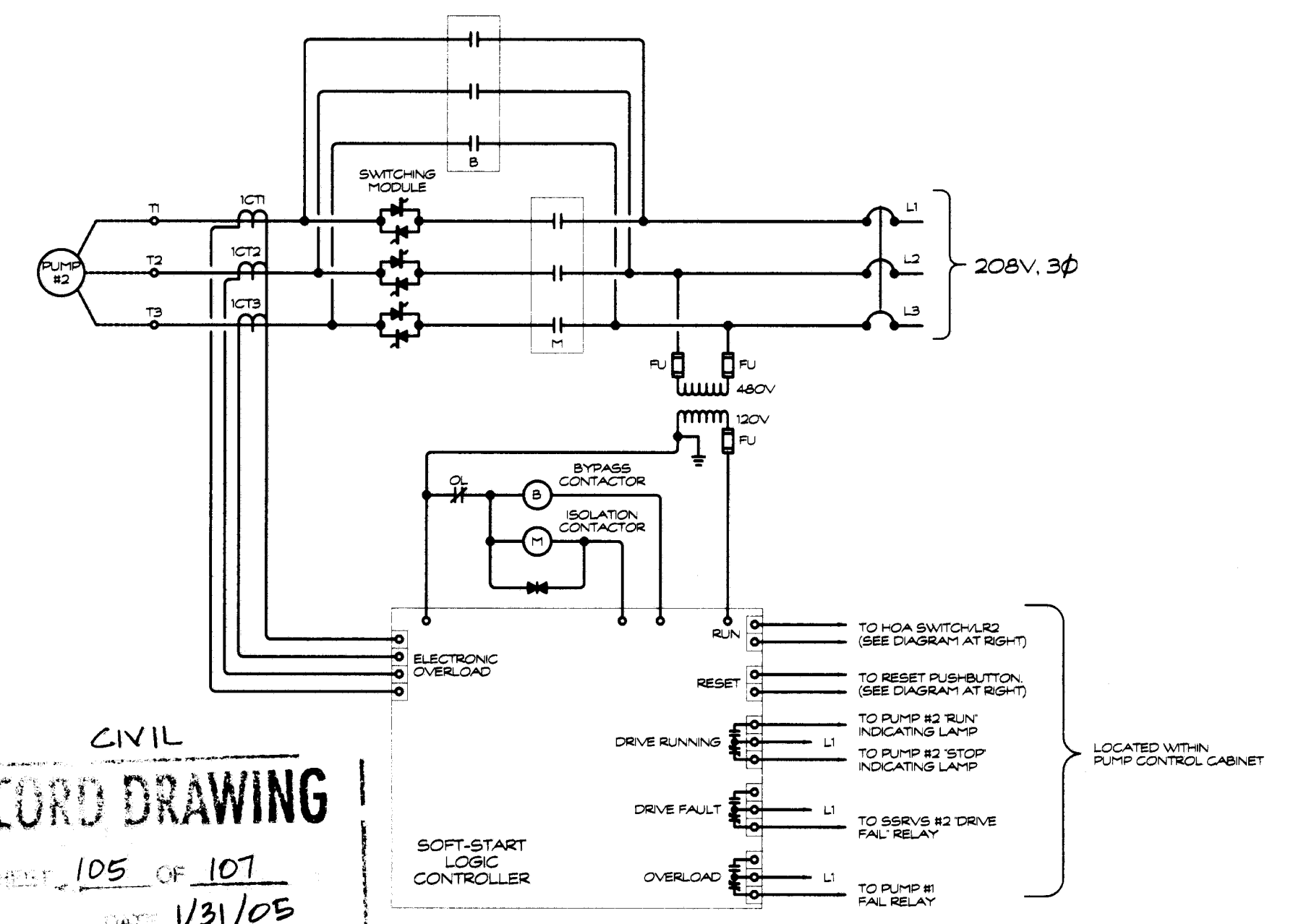
HIGH-HIGH FLOAT SWITCH DIAGRAM  
NOT TO SCALE



MINI-CAS CONNECTION DIAGRAMS  
NOT TO SCALE

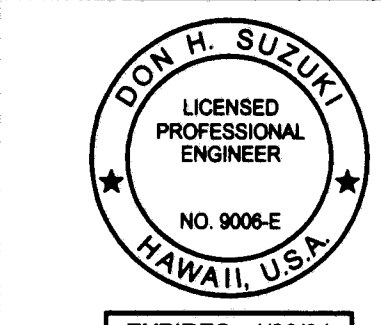


PUMP #1 STARTER DIAGRAM  
NOT TO SCALE



PUMP #2 STARTER DIAGRAM  
NOT TO SCALE

CIVIL  
RECORD DRAWING  
SHEET 105 OF 107  
DATE 1/31/05



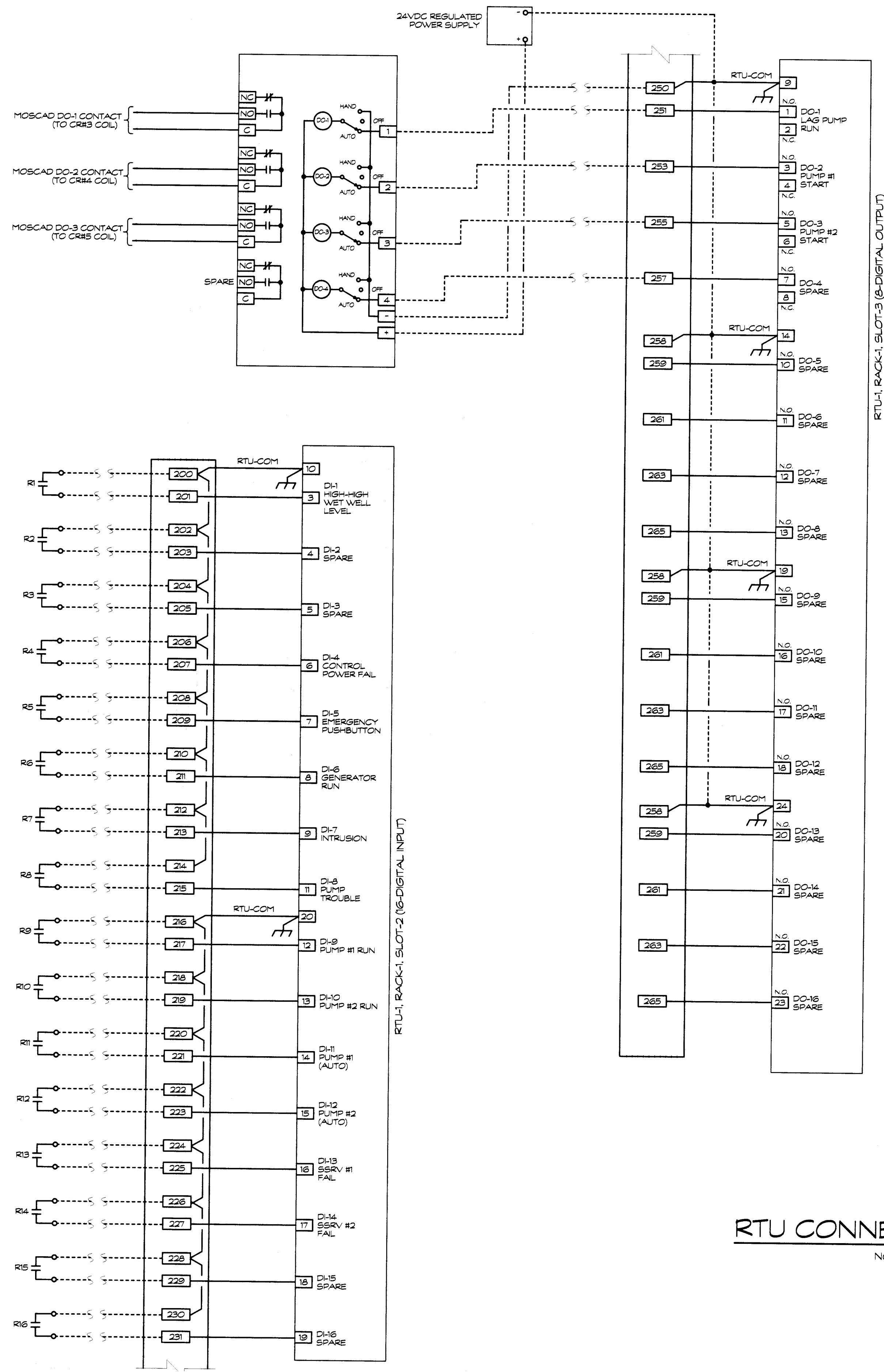
EXPIRES: 4/30/04  
THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

REVISION	DATE	FINAL DRAWING	ATA
7/1/03	DATE	DATE	DATE
AUSTIN, TSUTSUMI & ASSOCIATES, INC. ENGINEERS, SURVEYORS • HONOLULU, WAILUKU, HAWAII			
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C. WAIHUKU KOU PHASE 3 TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIHUKU, WAILUKU, MAUI, HAWAII			
WASTEWATER PUMP STATION PUMP CONTROL DIAGRAMS			
DESIGNED BY D.S.	DRAWN BY K.N.	CHECKED BY D.S.	
APPROVED	SUBMITTED BY	DATE	DATE
	FIRM MEMBER		

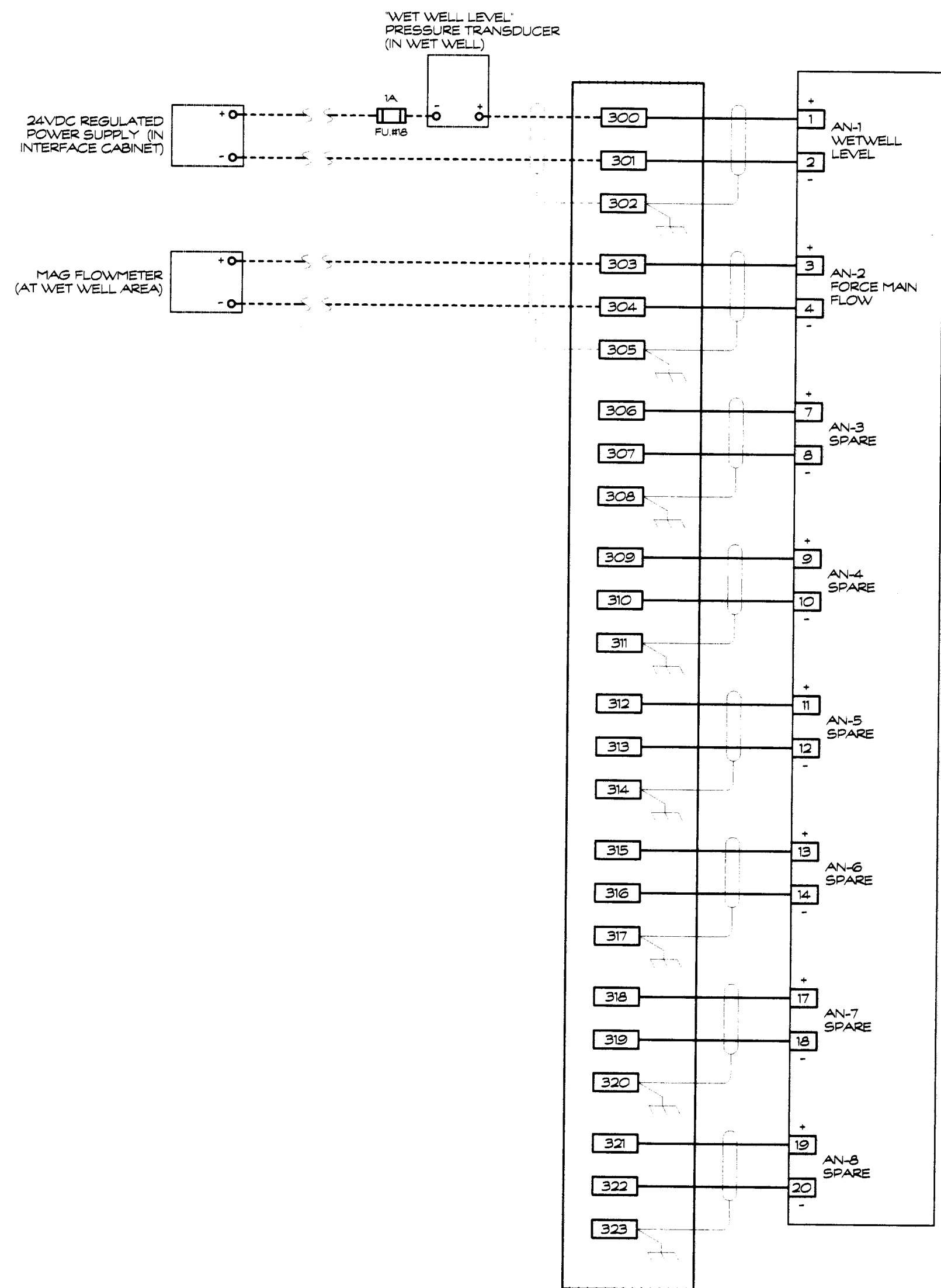
DWG. NO. PE-4  
SHEET 102 OF 106

FILE POCKET FOLDER NO



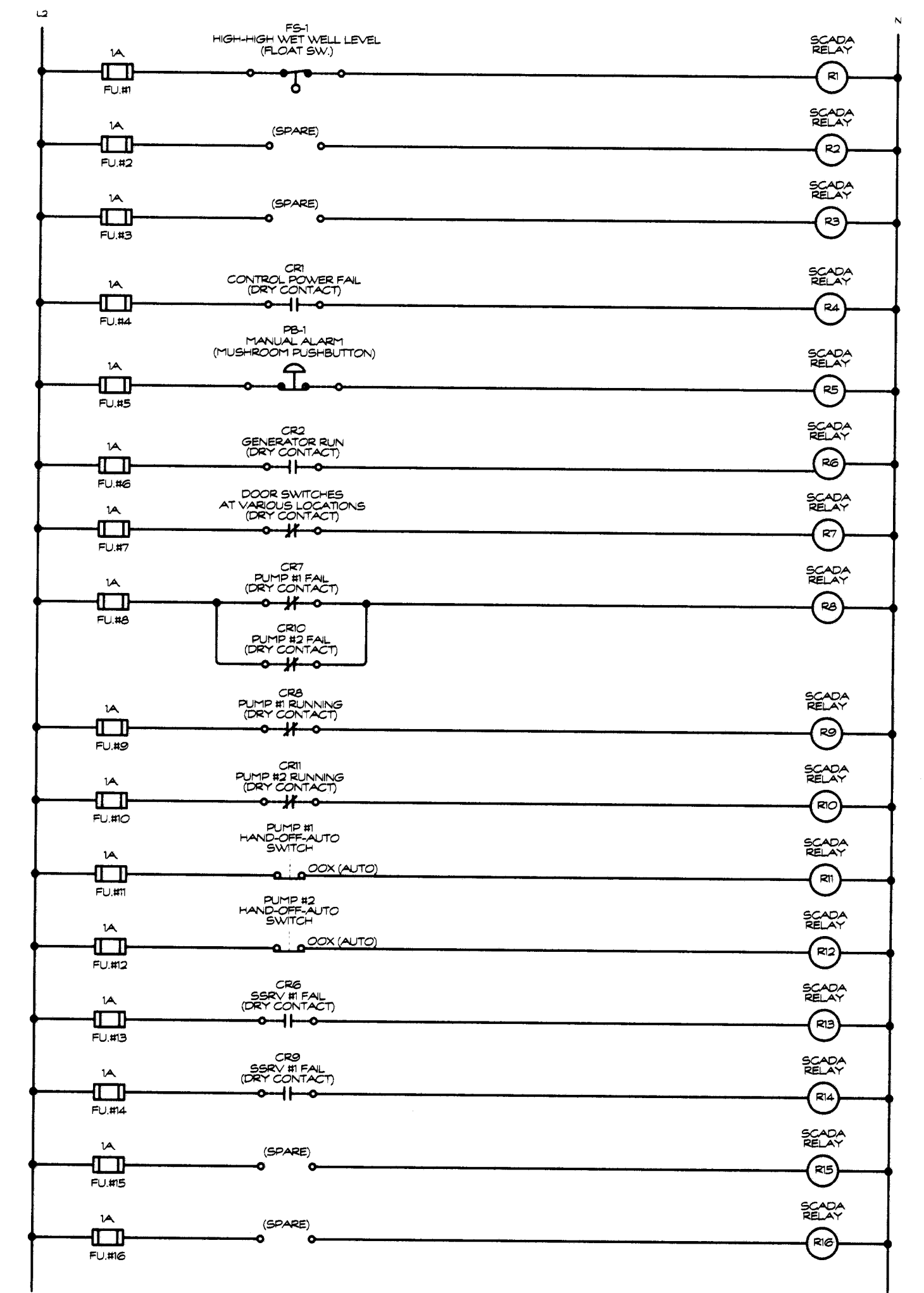


**RTU CONNECTION DIAGRAM**  
NOT TO SCALE



NOTE: INSTALL MOTOROLA MOSCAD RTU. REPROGRAMMING OF THE EXISTING SCADA SYSTEM AND PROGRAMMING OF THE NEW MOSCAD RTU WILL BE REQUIRED. THIS INCLUDES, BUT IS NOT LIMITED TO, LADDER LOGIC, DIGITAL AND ANALOG INPUTS/OUTPUTS, AND GRAPHICAL SCREENS. THE NEW SCREENS SHALL FOLLOW THE SCREENS FOR OTHER EXISTING PUMP STATIONS (WAIHEHU KOU #2 P.S.). ALL WORK CONDUCTED ON THE SCADA SYSTEM TO BE PERFORMED BY THUNDERBIRD COMMUNICATION. CONTRACTOR TO COORDINATE WITH THE COUNTY OF MAUI WASTEWATER DEPT. FOR GRAPHIC SCREEN APPROVAL PROGRAMMING ALGORITHMS.

CONTRACTOR TO CONDUCT SIGNAL STRENGTH TEST TO DETERMINE COMMUNICATION PATH FROM NEW RTU TO RTU AT KAHULUI WWRF. MOST LIKELY ROUTING WILL BE TO USE WAIHEHU KOU #2 P.S. AS REPEATER SITE. NOTE THAT WAIHEHU KOU #2 P.S. USES KAHULUI P.S. AS A REPEATER SITE.



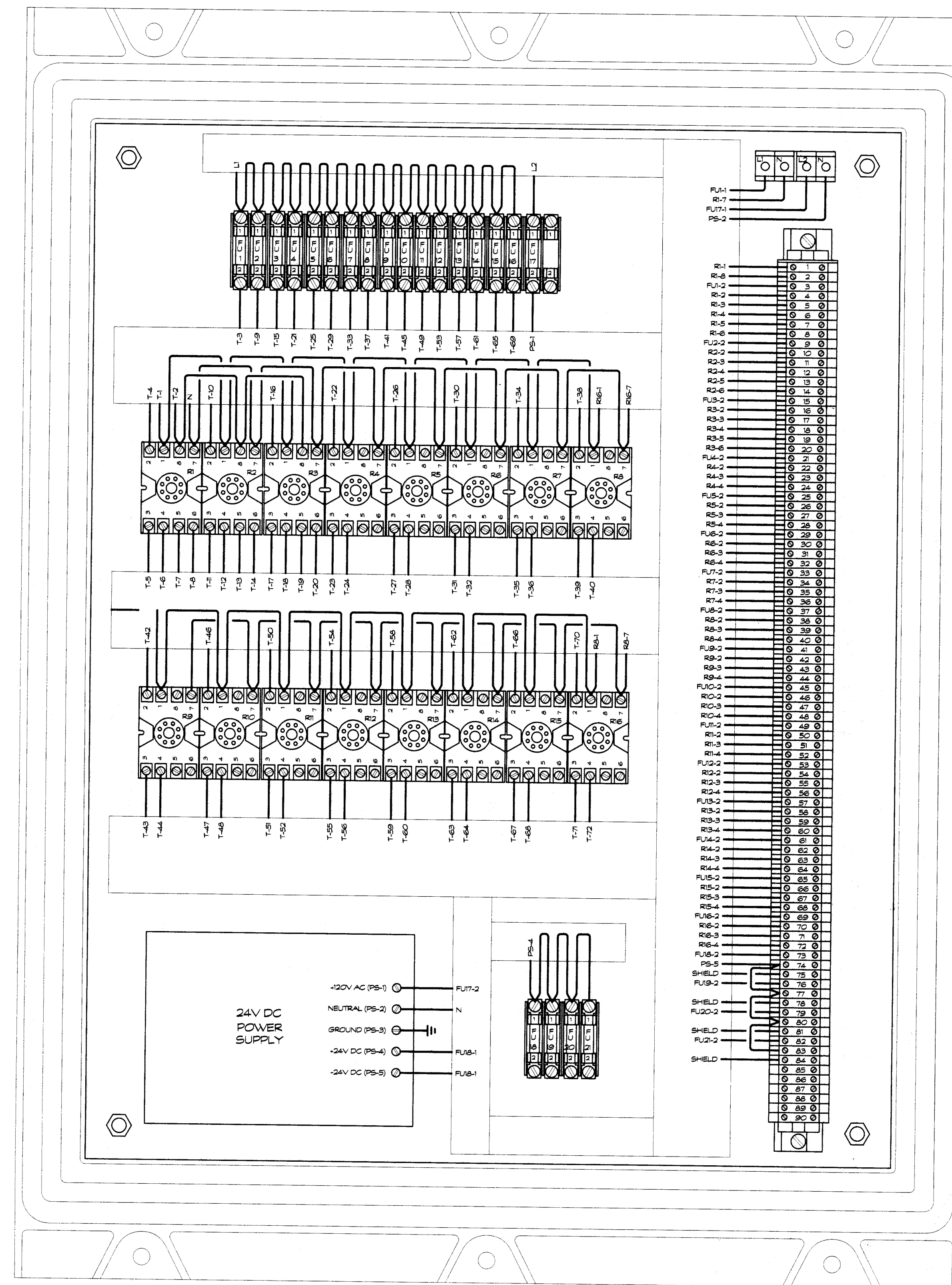
**SCADA INTERFACE CABINET CONTROL DIAGRAM**  
NOT TO SCALE

CIVIL  
**RECORD DRAWING**  
SHEET 106 OF 106  
DATE 1/31/05

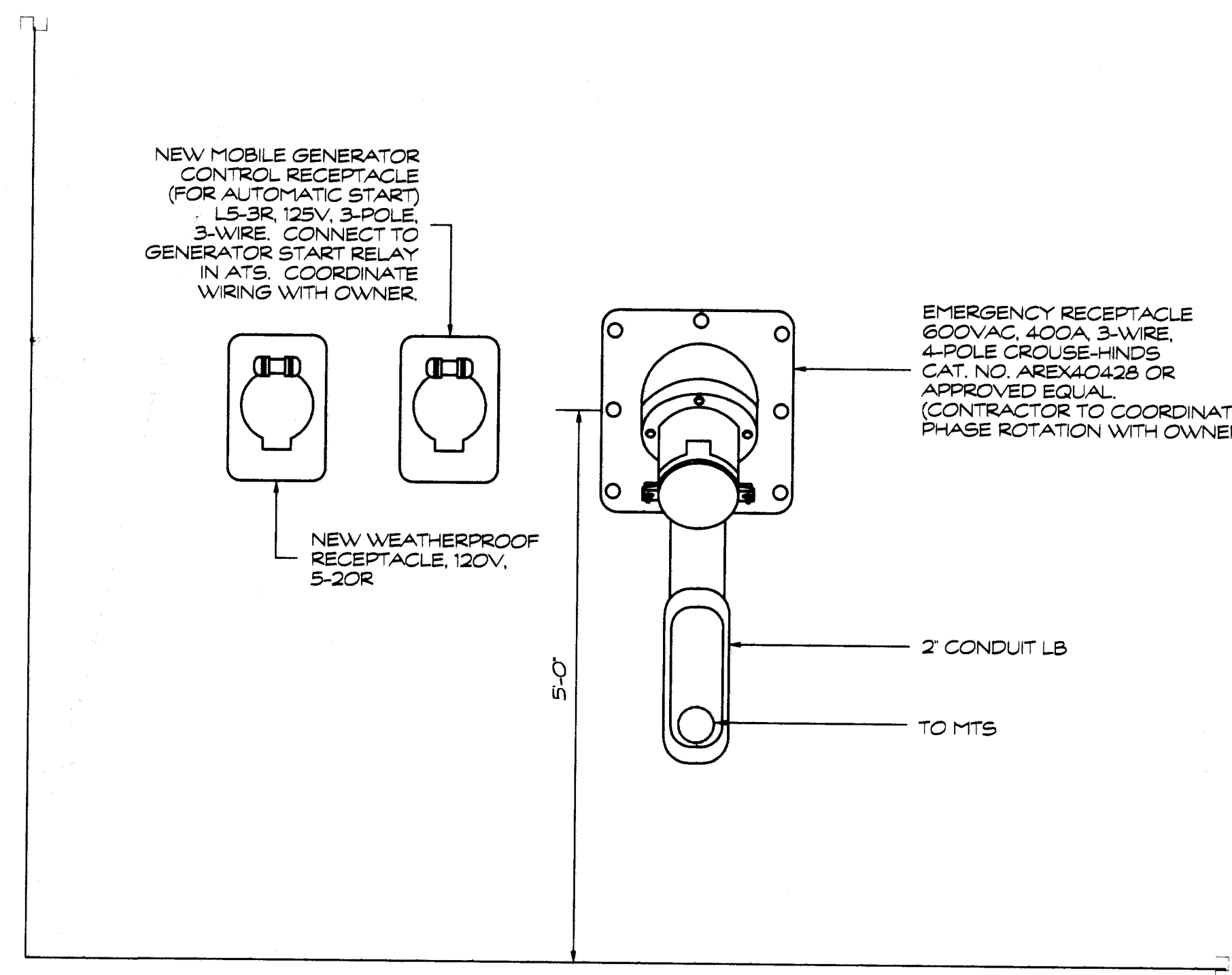
DWG. NO. **PE-5**  
SHEET 103 OF 106

	7/1/03 FINAL DRAWING REVISION DATE BRIEF	ATA MADE BY APPROVED
	<b>AUSTIN, TSUTSUMI &amp; ASSOCIATES, INC.</b> ENGINEERS, SURVEYORS HONOLULU, WAILUKU, HAWAII	
	DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C. <b>WAIHEHU KOU PHASE 3</b> TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIHEHU, WAILUKU, MAUI, HAWAII <b>WASTEWATER PUMP STATION SCADA INTERFACE AND RTU DIAGRAMS</b>	
	DESIGNED BY D.S. DRAWN BY K.N. CHECKED BY D.S. APPROVED SUBMITTED BY <i>[Signature]</i> DATE 1/16/03 FIRM MEMBER	

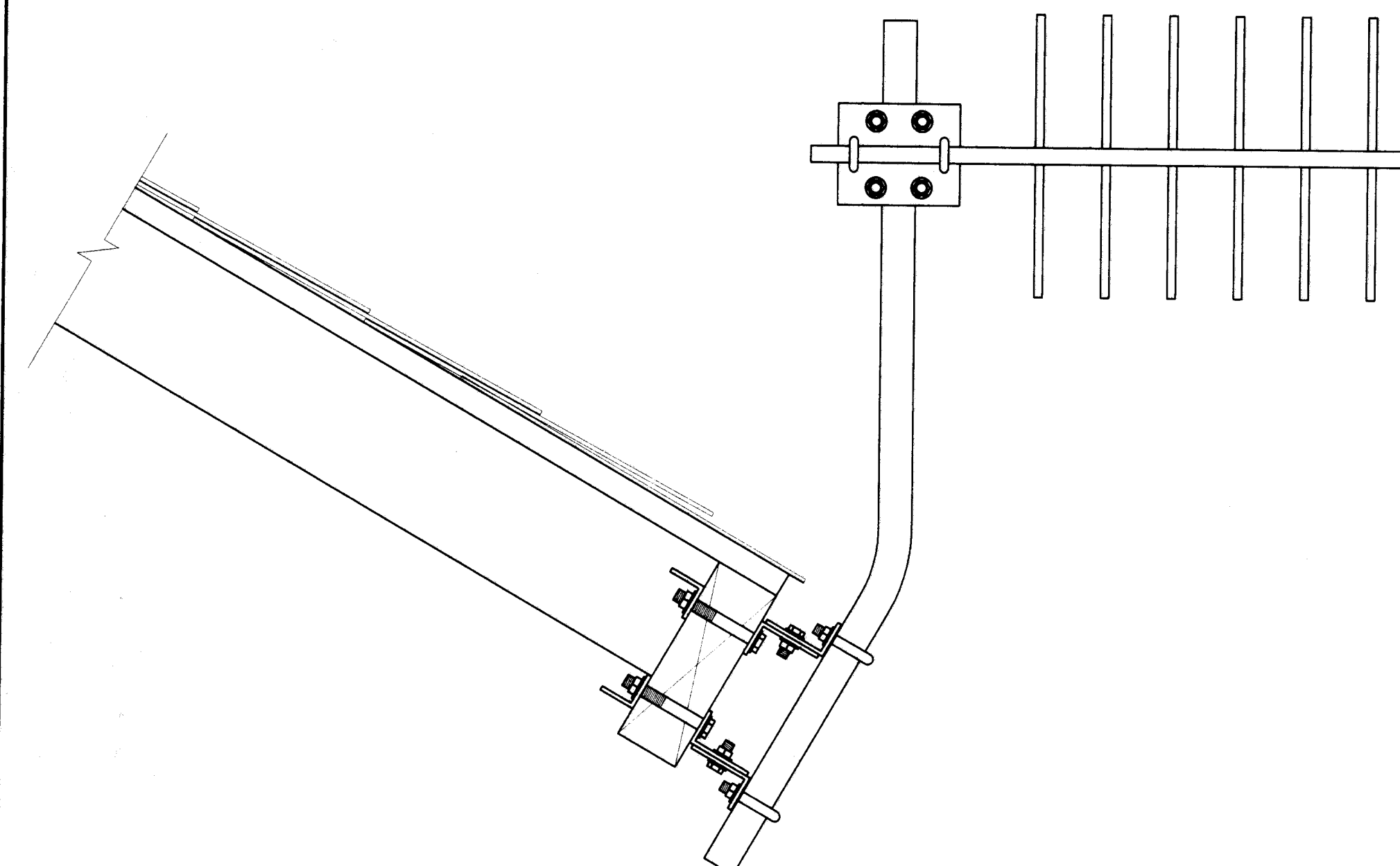




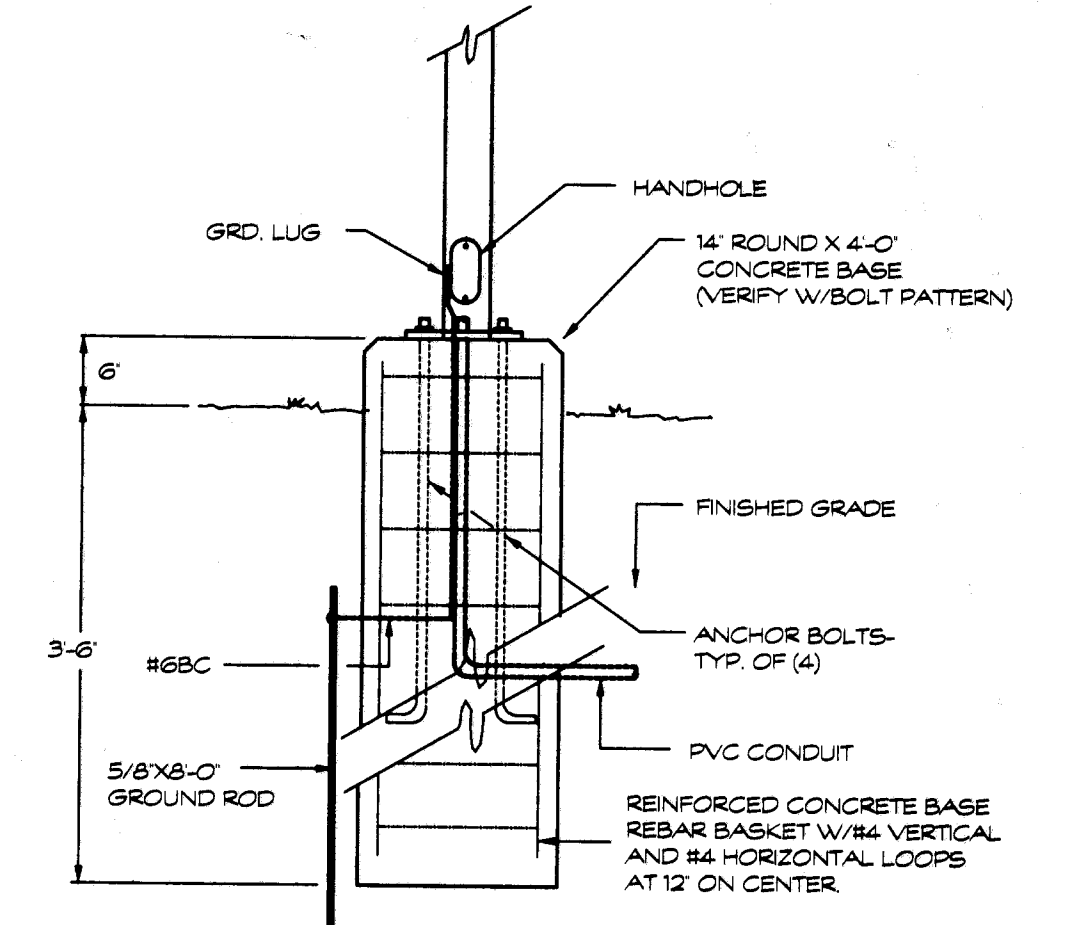
SCADA INTERFACE CABINET  
NOT TO SCALE



EMERGENCY RECEPTACLE DETAIL  
NOT TO SCALE

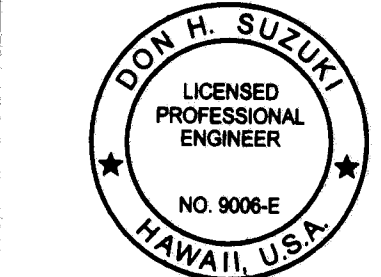


ANTENNA MOUNTING DETAIL  
Not To Scale



LIGHT POLE BASE DETAIL  
NOT TO SCALE

CIVIL  
RECORD DRAWING  
SHEET 107 OF 107  
DATE 1/31/06



REVISION	DATE	FINAL DRAWING	ATA	MADE BY	APPROVED
7/1/03					
AUSTIN, TSUTSUMI & ASSOCIATES, INC. ENGINEERS, SURVEYORS HONOLULU, WAILUKU, MAUI, HAWAII					
DEPARTMENT OF HAWAIIAN HOME LANDS DEVELOPER: WK3, L.L.C.					
WAIIEHU KOU PHASE 3 TAX MAP KEY: 3-2-12:3 AND 3-2-13:9 WAIIEHU, WAILUKU, MAUI, HAWAII					
WASTEWATER PUMP STATION ELECTRICAL DETAILS					
DESIGNED BY D.S.		DRAWN BY K.N.		CHECKED BY D.S.	
APPROVED		SUBMITTED BY		DATE	
		FIRM MEMBER		DATE	
FILE		POCKET		FOLDER	
				NO.	

DWG. NO. **PE-6**  
SHEET 104 OF 106