

**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
(HDOT) HIGHWAYS**

**ADDENDUM NO. 2
FOR
HDOT PUNCHBOWL OFFICE RENOVATION
DISTRICT OF HONOLULU
ISLAND OF OAHU
PROJECT NO. HWY-02-27M**

September 28, 2026

This Addendum shall make the following amendment(s) to the Solicitation:

A. NOTICE TO BIDDERS

1. Delete **NOTICE TO BIDDERS**, HiePRO posting date 8/26/2026, in its entirety and replace it with attached **NOTICE TO BIDDERS**, dated r9/28/2026.

B. TABLE OF CONTENTS

1. Delete **TABLE OF CONTENTS**, dated 8/2/23, in its entirety and replace it with attached **TABLE OF CONTENTS**, dated r9/28/2026.

C. SPECIAL PROVISIONS

1. Delete **TITLE PAGE**, in its entirety and replace it with attached **TITLE PAGE**, dated r9/28/2026.
2. Delete **CIVIL RIGHTS COMPLIANCE AND DISADVANTAGED BUSINESS ENTERPRISE SPECIAL PROVISIONS**, dated 05/29/26, in its entirety.
3. Delete **FEDERAL HIGHWAY ADMINISTRATION-1273 – REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS**, dated October 23, 2023 in its entirety.
4. Delete **SECTION 102 – BIDDING REQUIREMENTS AND CONDITIONS**, dated 12/21/22, in its entirety and replace it with attached **SECTION 102 – BIDDING REQUIREMENTS AND CONDITIONS**, dated r9/28/2026.

5. Add and make a part of the specifications the attached **SECTION 608 – SUMMARY** dated r9/28/2026.
6. Add and make a part of the specifications the attached **SECTION 609 – EXISTING HAZARDOUS MATERIAL and Attachments A – D**, dated r9/28/2026.
7. Delete **SECTION 615 – SELECTIVE DEMOLITION** dated 8/9/23, in its entirety and replace it with attached **SECTION 615 - SELECTIVE DEMOLITION** dated, r9/28/2026.
8. Add and make a part of the specifications the attached **SECTION 664 – DOOR HARDWARE**, dated r9/28/2026.
9. Delete **SECTION 678 – ACOUSTICAL PANEL CEILINGS**, in its entirety and replace it with attached **SECTION 678 - ACOUSTICAL PANEL CEILINGS** dated, r9/28/2026.
10. Delete **SECTION 681 - REPAINTING** dated 8/9/23, in its entirety and replace it with attached **SECTION 681 – REPAINTING**, dated r9/28/2026.
11. Delete **FEDERAL WAGE RATES** dated 05/27/2026, in its entirety.

D. PROPOSAL

1. Delete **PROPOSAL**, dated r07.01.26, in its entirety and replace it with attached **PROPOSAL**, r9/28/2026,

DI. PLANS

1. Delete **PLANS SHEET NO. A002 – OVERALL RCP-DEMOLITION** dated August 2025 and replace it with attached **PLANS SHEET NO. ADD. 2, A002 - OVERALL RCP-DEMOLITION** dated 9/28/2026.
2. Delete **PLANS SHEET NO. A003 – FLOOR PLAN - RENOVATION** dated August 2025 and replace it with attached **PLANS SHEET NO. ADD. 2, A003 - FLOOR PLANRENOVATION** dated 9/28/2026.
3. Delete **PLANS SHEET NO. A005 – INTERIOR ELEVATION – DEMOLITION** dated August 2025 and replace it with attached **PLANS SHEET NO. ADD. 2, A005 - INTERIOR ELEVATION – DEMOLITION** dated 9/28/2026.
4. Delete **PLANS SHEET NO. A006 – INTERIOR ELEVATION – RENOVATION FINISH SCHEDULE** dated August 2025 and replace it with attached **PLANS SHEET**

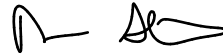
**NO. ADD. 2, A006 - INTERIOR ELEVATION – RENOVATION FINISH
SCHEDULE** dated 9/28/2026.

The following is provided for information.

F. RESPONSES TO REQUESTS FOR INFORMATION (QUESTIONS)

1. The attached **RESPONSES TO REQUESTS FOR INFORMATION** are provided for information.

Please acknowledge receipt of this **ADDENDUM NO. 2** by recording the date of its receipt in the space provided on the **PAGE P-4** of the Proposal.



ROBIN K. SHISHIDO

Deputy Director of Transportation for Highways

NOTICE TO BIDDERS
Hawaii Revised Statutes (HRS),
Chapter 103D

The receiving of bids for **HAWAII DEPARTMENT OF TRANSPORTATION PUNCHBOWL OFFICE RENOVATION, DISTRICT OF HONOLULU, ISLAND OF OAHU, PROJECT NO. HWY-02-27M**, will begin as of the HiePRO Release Date. Bidders shall register and submit complete bids through HiePRO only. Refer to the following HiePRO link for important information on Vendor Registration: <https://hiepro.ehawaii.gov/welcome.html>.

The solicitation plans, specifications, proposal, and additional documents designated or incorporated by reference shall be available in HiePRO.

HiePRO OFFER DUE DATE AND TIME is October 6, 2026, at 2:00 p.m., Hawaii Standard Time (HST). **Bidders shall submit and upload the complete proposal to HiePRO prior to the offer due date and time. Proposals received after said due date and time shall not be considered. Any additional support documents explicitly designated as confidential and/or proprietary shall be uploaded as a separate file to HiePRO. Bidders shall not include confidential and/or proprietary documents as part of their proposal. The record of each bidder and their respective proposal shall be open to public inspection. FAILURE TO UPLOAD THE PROPOSAL TO HiePRO SHALL BE GROUNDS FOR REJECTION.**

The scope of work consists of demolition work to include portions of interior including doors/frames, select walls, acoustical ceiling tiles/grids, and other miscellaneous items on the 5th Floor Conference Room of the building. Renovation work includes repairs, new carpeting, repainting, cabinetry, lighting, mechanical work, and other miscellaneous items. The estimated cost of construction is between \$165,000 and \$175,000.

To be eligible for award, bidders shall possess a valid State of Hawaii General Building "B" license **at the time of bidding.**

All Request for Information (RFI) questions and Substitution Requests shall be submitted in HlePRO **no later than September 15, 2026, at 2:00 p.m., HST.** RFI questions received after the stated deadline shall not be addressed. Substitution Requests received after the stated deadline shall not be considered. Verbal RFI(s) shall not receive a response. All responses to RFI questions shall be provided for clarification and information only and issued by formal addendum. Any amendments to the solicitation shall be made by formal addendum and posted in HlePRO.

If there is a conflict between the solicitation and information stated in the responses to RFI questions, the solicitation shall govern and control, unless as amended by formal addendum.

Apprenticeship Preference. A five percent bid adjustment for bidders that are party to apprenticeship agreements pursuant to HRS § 103-55.6 is applicable to this project.

Employment of State Residents on Construction Procurement Contracts. Compliance with HRS § 103B-3 is a requirement for this project whereby a minimum of 80 percent of the bidder's work force on this project shall consist of Hawaii residents.

Campaign contributions by State and County Contractors. Contractors are hereby notified of the applicability of HRS § 11-355 which states that campaign contributions are prohibited 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. For more information, contact the Campaign Spending Commission at (808) 586-0285.

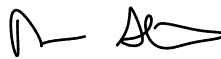
Protests. Any protest of this solicitation shall be submitted in writing to the Director of Transportation, in accordance with HRS § 103D-701 and Hawaii Administrative Rules § 3-126.

Bidders are hereby notified that the Department of Transportation shall affirmatively ensure that contracts entered into pursuant to this advertisement are awarded to the lowest responsible bidder without discrimination on the basis of race, color, national origin, sex, age, disability, or any other protected status recognized under applicable State and federal law.

Driving While Impaired (DWI) Education. The Hawaii Department of Transportation (HDOT) encourages all organizations contracted with HDOT to have an employee education program preventing DWI. DWI is defined as operating a motor vehicle while impaired by alcohol or other legal or illegal substances. HDOT promotes this type of program to accomplish our mission to provide a safe environment for motorists, bicyclists, and pedestrians utilizing our State highways, and expects its contractors to do so as well.

For additional information, contact Evan Kimoto, Project Manager, by phone at (808) 692-7551, or by email at evan.kimoto@hawaii.gov.

The State reserves the right to reject any or all proposals and to waive any defects in said proposals in the best interest of the public.



ROBIN K. SHISHIDO
Deputy Director of Transportation for Highways

HlePRO RELEASE DATE: September 28, 2026

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**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII**

**SPECIAL PROVISIONS
PROPOSAL, CONTRACT,
BOND AND PLANS**

FOR

HDOT PUNCHBOWL OFFICE RENOVATION

PROJECT NO. HWY-02-27M

DISTRICT OF HONOLULU

ISLAND OF OAHU

FY 2026

1 Make this section a part of the Standard Specifications:

2
3 **"SECTION 102 - BIDDING REQUIREMENTS AND CONDITIONS**

4
5
6 **102.01 Prequalification of Bidders.** Prospective bidders shall be capable of
7 performing the work for which they are bidding.
8

9 In accordance with HRS Chapter 103D-310, the Department may require any
10 prospective bidder to submit answers to questions contained in the 'Standard
11 Qualification Questionnaire For Prospective Bidders On Public Works Contracts'
12 furnished by the Department, properly executed and notarized, setting forth a
13 complete statement of the experience of such prospective bidder and its
14 organization in performing similar work and a statement of the equipment proposed
15 to be used, together with adequate proof of the availability of such equipment.
16 Whenever it appears to the Department, from answers to the questionnaire or
17 otherwise, that the prospective bidder is not fully qualified and able to perform the
18 intended work, the Department will, after affording the prospective bidder an
19 opportunity to be heard and if still of the opinion that the bidder is not fully qualified
20 to perform the work, refuse to receive or consider any bid offered by the prospective
21 bidder. All information contained in the answers to the questionnaire shall be kept
22 confidential. Questionnaire so submitted shall be returned to the bidders after
23 serving their purpose.
24

25 No person, firm or corporation may bid where (1) the person, firm, or
26 corporation, or (2) a corporation owned substantially by the person, firm, or
27 corporation, or (3) a substantial stockholder or an officer of the corporation, or (4) a
28 partner or substantial investor in the firm is in arrears in payments owed to the State
29 or its political subdivisions or is in default as a surety or failure to do faithfully and
30 diligently previous contracts with the State.
31

32 **102.02 Contents of Proposal Forms.** The Department will furnish prospective
33 bidders with proposal forms posted in HlePRO stating:
34

- 35 (1) The location,
36
37 (2) Description of the proposed work,
38
39 (3) The approximate quantities,
40
41 (4) Items of work to be done or materials to be furnished,
42
43 (5) A schedule of items, and
44
45 (6) The time in which the work shall be completed.
46

Papers bound with or attached to the proposal form are part of the proposal. The bidder shall not detach or alter the papers bound with or attached to the proposal when the bidder submits its proposal through HlePRO.

Also, the bidder shall consider other documents including the plans and specifications a part of the proposal form whether attached or not.

102.03 (Unassigned).

102.04 Estimated Quantities. The quantities shown in the contract are approximate and are for the comparison of bids only. The actual quantity of work may not correspond with the quantities shown in the contract. The Department will make payment to the Contractor for unit price items in accordance with the contract for only the following:

- (1) Actual quantities of work done and accepted, not the estimated quantities; or
- (2) Actual quantities of materials furnished, not the estimated quantities.

The Department may increase, decrease, or omit each scheduled quantities of work to be done and materials to be furnished. When the Department increases or decreases the estimated quantity of a contract item by more than 15% the Department will make payment for such items in accordance with Subsection 104.06 - Methods of Price Adjustment.

102.05 Examination of Contract and Site of Work. The bidder shall examine carefully the site of the proposed work and contract before submitting a proposal.

By the act of submitting a bid for the proposed contract, the bidder warrants that:

- (1) The bidder and its Subcontractors have reviewed the contract documents and found them free from ambiguities and sufficient for the purpose intended;
- (2) The bidder and its workers, employees and subcontractors have the skills and experience in the type of work required by the contract documents bid upon;
- (3) Neither the bidder nor its employees, agents, suppliers or subcontractors have relied upon verbal representations from the Department, its employees or agents, including architects, engineers or consultants, in assembling the bid figure; and

(4) The basis for the bid figure is solely on the construction contract documents.

Also, the bidder warrants that the bidder has examined the site of the work. From its investigations, the bidder acknowledges satisfaction on:

- (1) The nature and location of the work;
- (2) The character, quality, and quantity of materials;
- (3) The difficulties to be encountered; and
- (4) The kind and amount of equipment and other facilities needed;

Subsurface information or hydrographic survey data furnished are for the bidders' convenience only. The data and information furnished are the product of the Department's interpretation gathered in investigations made at the specific locations. These conditions may not be typical of conditions at other locations within the project area or that such conditions remain unchanged. Also, conditions found at the time of the subsurface explorations may not be the same conditions when work starts. The bidder shall be solely responsible for assumptions, deductions, or conclusions the bidder may derive from the subsurface information or data furnished.

If the Engineer determines that the natural conditions differ from that originally anticipated or contemplated by the Contractor in the items of excavation, the State may treat the difference in natural conditions, as falling within the meaning of Subsection 104.02 – Changes.

102.06 Preparation of Proposal. The submittal of its proposal shall be on forms furnished by the Department. The bidder shall specify in words or figures:

- (1) A unit price for each pay item with a quantity given;
- (2) The products of the respective unit prices and quantities
- (3) The lump sum amount; and
- (4) The total amount of the proposal obtained by adding the amounts of the several items.

The words and figures shall be in ink or typed. If a discrepancy occurs between the prices written in words and those written in figures, the prices written in words shall govern.

137 When an item in the proposal contains an option to be made, the bidder shall
138 choose in accordance with the contract for that particular item. Determination of an
139 option will not permit the Contractor to choose again.

140
141 The bidder shall sign the proposal properly in ink. A duly authorized
142 representatives of the bidder or by an agent of the bidder legally qualified and
143 acceptable to the Department shall sign, including one or more partners of the
144 bidder and one or more representatives of each entity comprising a joint venture.

145
146 When an agent, other than the officer(s) of a corporation authorized to sign
147 contracts for the corporation or a partner of a partnership, signs the proposals, a
148 'Power of Attorney' shall be on file with the Department or submitted with the
149 proposal. Otherwise, the Department will reject the proposal as irregular and
150 unauthorized.

151
152 The bidder shall submit acceptable evidence of the authority of the partner,
153 member(s) or officer(s) to sign for the partnership, joint venture, or corporation
154 respectively with the proposal. Otherwise, the Department will reject the proposal as
155 irregular and unauthorized.

156
157 **102.07 Irregular Proposals.** The Department may consider proposals irregular
158 and may reject the proposals for the following reasons:

159
160 (1) The proposal is a form not furnished by the Department, altered, or
161 detached;

162
163 (2) The proposal contains unauthorized additions, conditions, or
164 alternates. Also, the proposal contains irregularities that may tend to make
165 the proposal incomplete, indefinite, or ambiguous to its meaning;

166
167 (3) The bidder adds provisions reserving the right to accept or reject an
168 award. Also, the bidder adds provisions into a contract before an award;

169
170 (4) The proposal does not contain a unit price for each pay item listed
171 except authorized optional pay items; and

172
173 (5) Prices for some items are out of proportion to the prices for other
174 items.

175
176 (6) If in the opinion of the Director, the bidder and its listed subcontractors
177 do not have the Contractor's licenses or combination of Contractor's licenses
178 necessary to complete the work.

179
180 Where the prospective bidder is bidding on multiple projects simultaneously
181 and the proposal limits the maximum gross amount of awards that the bidder can
182 accept at one bid letting, the proposal is not irregular if the

limit on the gross amount of awards is clear, and the Department selects the awards that can be given.

102.08 Proposal Guaranty. The Department will not consider a proposal of \$25,000 or more unless accompanied by:

(1) A deposit of legal tender; or

(2) A valid surety bid bond, underwritten by a company licensed to issue bonds in the State of Hawaii, in the form and composed, substantially, with the same language as provided herewith and signed by both parties; or

(3) A certificate of deposit, share certificate, cashier's check, treasurer's check, teller's check, or official check drawn by, or a certified check accepted by and payable on demand to the State by a bank, savings institution, or credit union insured by the Federal Deposit Insurance Corporation (FDIC) or the National Credit Union Administration (NCUA).

(a) The bidder may use these instruments only to a maximum of \$100,000.

(b) If the required security or bond amount totals over \$100,000 more than one instrument not exceeding \$100,000 each and issued by different financial institutions shall be acceptable.

(c) The instrument shall be made payable at sight to the Department.

(d) If bidder elects options (1) or (3) above for its bid security, said bid security shall be in its original form and shall be submitted before the bid deadline to the Contract Office, Department of Transportation, Aliiimoku Hale, 869 Punchbowl Street, Room 103, Honolulu, Hawaii 96813. Original surety bid bonds do not need to be submitted to the Contracts Office. Bidders are reminded that a copy of its surety bid bond shall be included with its bid submitted and uploaded to HlePRO.

In accordance with HRS Chapter 103D-323, the above shall be in a sum not less than 5% of the amount bid.

102.09 Delivery of Proposal. Bidders shall submit and upload the complete proposal to HlePRO prior to the bid opening date and time. Proposals received after said due date and time shall not be considered. Any additional support documents explicitly designated as confidential and/or proprietary shall be uploaded as a separate file to HlePRO. Bidders shall not include confidential and/or proprietary documents with the proposal. The record of each bidder and respective bid shall be open to public inspection. Original

(wet ink, hard copy) proposal documents are not required to be submitted. **Contract award shall be based on evaluation of proposals submitted and uploaded to HlePRO. FAILURE TO UPLOAD THE COMPLETE PROPOSAL TO HlePRO SHALL BE GROUNDS FOR REJECTION OF THE BID.** If there is a conflict between the specification document and the HlePRO solicitation, the specifications shall govern and control, unless otherwise specified.

102.10 Withdrawal or Revision of Proposals. Bids may be modified or withdrawn prior to the bid opening date and time. Withdrawal or revision of proposal shall be completed, and submitted and uploaded to HlePRO prior to the bid opening date and time.

102.11 Public Opening of Proposals. Not applicable.

102.12 Disqualification of Bidders. The Department may disqualify a bidder and reject its proposal for the following reasons:

- (1) Submittal of more than one proposal whether under the same or different name.
- (2) Evidence of collusion among bidders. The Department will not recognize participants in collusion as bidders for any future work of the Department until such participants are reinstated as qualified bidders.
- (3) Lack of proposal guaranty.
- (4) Submittal of an unsigned or improperly signed proposal.
- (5) Submittal of a proposal without a listing of subcontractors or containing only a partial or incomplete listing of subcontractors.
- (6) Submittal of an irregular proposal in accordance with Subsection 102.07 - Irregular Proposals.
- (7) Evidence of assistance from a person who has been an employee of the agency within the preceding two years and who participated while in State office or employment in the matter with which the contract is directly concerned, pursuant to HRS Chapter 84-15.
- (8) Suspended or debarred in accordance with HRS Chapter 104-25.
- (9) Failure to complete the prequalification questionnaire, if applicable.
- (10) Failure to attend the mandatory pre-bid meeting, if applicable.

102.13 Material Guaranty. The successful bidder may be required to furnish a statement of the composition, origin, manufacture of materials, and samples.

102.14 Substitution of Materials and Equipment Before Bid Opening. See Subsection 106.13 for Substitution Of Materials and Equipment After Bid Opening.

(A) General. When brand names of materials or equipment are specified in the contract documents, they are 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. As specified in the Notice to Bidders, all requests shall be posted as a question in HlePRO under the "Question and Answer" tab. Supporting documents for specific request shall be emailed to the Project Manager specified in the Notice to Bidders. Request must be posted in HlePRO and supporting documents received by the Project Manager no later than fourteen (14) calendar days before the bid opening date.

An addendum will be issued to inform all prospective bidders of any accepted substitution in accordance with Subsection 102.17 – Addenda.

(B) Statement of Variances. The statement of variances must list all features of the proposed substitution that differ from the contract documents 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, and any other features requested by the Engineer 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, the Contractor shall immediately replace the product with a specified product at no increase in contract price and contract time.

(C) Substitution Denial. Any substitution request not complying with the above requirements will be denied.

102.15 Preferences. Preferences shall not apply to this project.

(A) Preference for Hawaii Products. In accordance with ACT 174, SLH 2022, effective June 27, 2022, Hawaii Products Preference shall not apply to solicitations for public works construction. Therefore, the Hawaii Products Preference shall not apply to this project.

(B) Preference for Apprenticeship Programs. In accordance with ACT 17, SLH 2009 – Apprenticeship Program, a 5% bid adjustment for bidders that are parties to apprenticeship agreements pursuant to Hawaii Revised Statutes (HRS) Section 103-55.6 may be applied to the bidder's price for evaluation purposes. These procedures apply to

public works projects with estimated cost of \$250,000 or more and entered into under the provisions of HRS Chapter 103.

The following provisions apply to this Apprenticeship Program.

(1) Definitions

(a) “Apprenticeable trade”, HRS Section 103-55.6 (c), shall have the same meaning as ‘apprenticeable occupation’ pursuant to Hawaii Administrative Rules (HAR) Section 30-1-5.

(b) “Department” means the department of labor and industrial relations.

(c) “Director” means the director of labor and industrial relations.

(d) “Employ” means the employment of a person in an employer-employee relations.

(e) “Governmental body” means as defined in HRS Section 103D-104.

(f) “Party to an apprenticeship agreement” means party to a registered apprenticeship program with the department of labor and industrial relations.

(g) “Preference” means the 5% by which the qualified bidder's offer amount would be decreased for evaluation purposes.

(h) “Public work” shall be as defined in HRS Section 104-2 and HAR Section 12-22-1.

(i) “Registered apprenticeship program” means a construction trade program approved by the department pursuant to HAR Section 12-30-1 and Section 12-30-4.

(j) “Sponsor” means an operator of an apprenticeship program and in whose name the program is approved and registered with the department of labor and industrial relations pursuant to HAR Section 12-30-1.

(d) Offeror – Entity/ bidder submitting a proposal to undertake a project.

367 (k) Procurement Officer – Director of Transportation or his
368 authorized representative.

369
370 (2) Qualification Procedures

371
372 (a) Any bidder seeking the preference must be a party to an
373 apprenticeship agreement registered with the department at the
374 time the offer is made for each apprenticeable trade the bidder
375 will employ to construct the public works projects for which the
376 offer is being made.

377
378 1. The apprenticeship agreement shall be registered
379 and conform to the requirements of HRS Chapter 372.

380
381 2. Subcontractors do not have to be a party to an
382 apprenticeship agreement for the bidder to obtain the
383 preference.

384
385 3. The bidder is not required to have apprentices in
386 its employ at the time of submittal of an offer to qualify for
387 the preference.

388
389 (b) The department shall:

390
391 1. Develop and maintain a list of construction trades
392 in registered apprenticeship programs which conform to
393 HRS Chapter 372; and

394
395 2. Electronically post the list, including any
396 amendments, on the department website
397 (<http://labor.hawaii.gov>).

398
399 (c) Bidder is responsible to comply with all submission
400 requirements for registration of its apprenticeship program
401 before requesting a preference.

402
403 (d) Bidder shall provide a certification by the sponsor of the
404 respective registered apprenticeship programs covering the
405 relevant trade(s) for the public works project.

406
407 (e) *Certification Form 1* issued by the department shall
408 include:

409
410 1. Contractor information;

411
412 2. Solicitation reference;

- 413
- 414 3. Trade(s);
- 415
- 416 4. Date and name of apprenticeship program;
- 417
- 418 5. Signature of authorized training coordinator or
- 419 training trust fund administrator certifying that the
- 420 contractor is a participant in the program, and that the
- 421 program is registered with the department;
- 422
- 423 6. Contract information for sponsor's authorized
- 424 representative signing the form;
- 425
- 426 7. Number of apprentices enrolled in the program,
- 427 number who successfully completed the apprenticeship
- 428 program in the past 12 months, including whether the
- 429 contractor is signatory to a collective bargaining
- 430 agreement for that trade, or if not, provide for attachment
- 431 of a copy of the agreement between the contractor and
- 432 the program.
- 433

434 **(3) Solicitation Procedures.**

435

436 **(a)** If the NTB indicates that this project is covered by this

437 preference, and the offer is less than \$250,000 this preference

438 will still be applicable in determining the lowest bidder.

439

440 **(b)** A claim for this preference must include the following:

441

- 442 1. Allow bidder seeking to claim the preference to
- 443 state the trades the bidder will employ to perform the
- 444 work;
- 445
- 446 2. For each trade to be employed to perform the
- 447 work, the bidder shall submit a completed signed original
- 448 *Certification Form 1* verifying participation in an
- 449 apprenticeship program registered with the department;
- 450
- 451 3. The *Certification Form 1* shall be authorized by an
- 452 apprenticeship sponsor of the department's list of
- 453 registered apprenticeship programs. The authorization
- 454 shall be an original signature by an authorized official of
- 455 the apprenticeship sponsor; and
- 456
- 457 4. The completed *Certification Form 1* for each trade
- 458 must be submitted by the bidder with the offer. Previous

certifications shall not apply unless allowed by the solicitation.

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

(4) Evaluation and Contract Award

(a) If the bidder certifies participation in an apprenticeship program for each trade which will be employed by the bidder for the project, the procurement officer shall apply the preference and decrease the bidder's total bid amount by five per cent (5%) for evaluation purposes.

(b) Should the bidder qualify for other statutory preferences (for example, Hawaii products), all applicable preferences shall be applied to the bidder's price.

(c) The contract amount shall be the original offer amount, exclusive of any preference; the preference is only for evaluation purposes.

(a) Any claims challenging a bidder's representation that the bidder is a participant in an apprenticeship program(s) as claimed, shall be submitted to the procurement officer. The procurement officer will refer the challenge to the department of labor and industrial relations who shall investigate any such claims and shall make a determination.

(5) Contract Administration

(a) For the duration of a contract awarded utilizing the apprenticeship preference, the contractor shall certify each month that work is being conducted on the project, that it continues to be a participant in the relevant apprenticeship program for each trade it employs.

(b) Monthly certification shall be made on *Monthly Certification Form 2* prepared and made available by the department, be a signed original by the respective apprenticeship program sponsors authorized official, and submitted by the contractor with its monthly payment requests.

505 (c) Should the contractor fail or refuse to submit its monthly
506 certification forms, or at any time during the construction of the
507 project, cease to be a part to a registered apprenticeship
508 agreement for each apprenticeable trades the contractor
509 employs, or will employ, the contractor will be subject to the
510 following sanctions:

511
512 1. Withholding of the requested payment until the
513 required form(s) are submitted;

514
515 2. Temporary or permanent cessation of work on the
516 project, without recourse to breach of contract claims by
517 the contractor; provided the agency shall be entitled to
518 restitution for nonperformance or liquidated damages
519 claims; or

520
521 3. Proceed to debar or suspend pursuant to HRS
522 Section 103D-702.

523
524 (d) If events such as "acts of God," acts of a public enemy,
525 acts of the State or any other governmental body in its
526 sovereign or contractual capacity, fires, floods, epidemics,
527 freight embargoes, unusually severe weather, or strikes or other
528 labor disputes prevent the contractor from submitting the
529 certification forms, the contractor shall not be penalized as
530 provided herein, provided the contractor completely and
531 expeditiously complies with the certification process when the
532 event is over.

533
534 This subsection shall not apply when its application will disqualify the State
535 from receiving federal funds or aid.

536
537 **(C) Preference for Recycled Products.** Recycled Products shall not
538 apply to this project.

539
540 **(D) Preference to Hawaii Bidder(s)/Offeror(s).** In accordance with Act
541 087, SLH 2026 and HRS §103D-302 the Hawaii bidder (or offeror) preference
542 is applicable to this solicitation, for evaluation purposes only. Bidders (or
543 offerors) desiring to qualify for the five per cent (5%) preference shall submit a
544 completed Hawaii Bidder/Offeror Preference Certification Form (Form SPO-
545 081) with each bid (or proposal) at or before the time set for receipt of bids (or
546 proposals). Certifications submitted for previous or other solicitations will not
547 be accepted. These procedures apply to construction projects with an
548 estimated cost of less than \$10,000,000 and entered into under the
549 provisions of HRS Chapter 103.

551 **(E) Evaluation Procedures and Contract Award.** For bid evaluation, the
552 Engineer will evaluate the bids by applying the applicable preferences
553 selected by the bidders according to the contract. The Engineer will base the
554 calculations for adjustments upon the original bid prices offered. If more than
555 one preference applies, the evaluated bid price shall be the sum of the
556 original bid price plus applicable preference adjustments.
557

558 If a bidder has designated use of a Hawaii Product and fails to provide
559 the product, the contract will become void, and no payments will be made.
560

561 The Engineer will award the contract to the responsible bidder
562 submitting the responsive bid with the lowest evaluated bid price. The
563 contract amount of the contract awarded shall be the original bid price offered
564 exclusive of any preference.
565

566 **102.16 Certification for Safety and Health Program for Bids in excess of**
567 **\$100,000.** In accordance with HRS Chapter 396-18, the bidder or offeror, by signing
568 and submitting this proposal, certifies that a written safety and health plan for this
569 project will be available and implemented by the notice to proceed date for this
570 project. Details of the requirements of this plan may be obtained from the State
571 Department of Labor and Industrial Relations, Occupational Safety and Health
572 Division (HIOSH).
573

574 **102.17 Addenda.** Addenda issued shall become part of the contract documents.
575 Addenda to the bid documents will be provided to all prospective bidders via
576 HlePRO. Each addendum shall be an addition to the contract documents. The
577 terms and requirements of the bid documents (i.e., drawings, specifications and
578 other bid and contract documents) cannot be changed prior to the bid opening
579 except by a duly issued addendum.”
580

581
582
583 **END OF SECTION 102**

1 Make the following Section a part of the Standard Specifications:

2
3 **"SECTION 608 – SUMMARY**

4
5 **608.01 Description.** This section summarizes all work required for this
6 Project.

7
8 **(A) Project Identifier:** HWY-02-27M HDOT Punchbowl Office
9 Renovation.

10
11 **(B) Contractor's Use of Site and Premises**

12
13 **(1) Limits on Use of Site:** Limit use of Project site to areas within
14 the Contract limits indicated. Do not disturb portions of Project
15 site beyond areas in which the Work is indicated.

16
17 **(a) Limits on Use of Site:** Confine construction
18 operations to Committee Room located on the 5th
19 floor of 869 Punchbowl Street, Honolulu, HI 96813.

20
21 **(2) Driveways, Walkways, and Entrances:** Keep driveways, loading
22 areas, and entrances serving premises clear and available to
23 building occupants and emergency vehicles at all times. Do not
24 use these areas for parking or for storage of materials.

25
26 **(a) Schedule deliveries to minimize use of driveways and**
27 **entrances by construction operations.**

28
29 **(b) Schedule deliveries to minimize space and time**
30 **requirements for storage of materials and equipment**
31 **on-site.**

32
33 **(C) Coordination with Occupants**

34
35 **(1) Full Owner Occupancy:** Owner will occupy Project site and
36 existing building during entire construction period. Cooperate
37 with Staff and Occupants during construction operations to
38 minimize conflicts and facilitate occupant's usage. Perform the
39 Work so as not to interfere with Staff's day-to-day operations.
40 Maintain existing exits.

41
42 **(a) Maintain access to existing walkways, corridors, and**
43 **other adjacent occupied or used facilities. Do not**
44 **close or obstruct walkways, corridors, or other**
45 **occupied or used facilities without written permission**

46 from the Contracting Officer and approval of
47 authorities having jurisdiction.

- 48
49 (b) Notify Contracting Officer not less than 72 hours in
50 advance of activities that will affect operations.

51
52 **(D) Work Restrictions**

- 53
54 (1) Comply with restrictions on construction operations.

- 55
56 (a) Comply with limitations on use of public streets, right
57 of way, and other requirements of authorities having
58 jurisdiction.

- 59
60 (2) On-Site Work Hours: Limit work to between 7:30 am to 4:30
61 pm, Monday through Friday, unless otherwise indicated. Work
62 hours may be modified to meet Project requirements if approved
63 by the Contracting Officer and authorities having jurisdiction.

- 64
65 (3) Existing Utility Interruptions: Do not interrupt utilities serving
66 facilities occupied by Staff or others unless permitted under the
67 following conditions and the only after arranging for temporary
68 utility services according to requirements indicated:

- 69
70 (a) Notify Contracting Officer not less than two days in
71 advance of proposed utility interruptions.

- 72
73 (b) Obtain Contracting Officer's written permission before
74 proceeding with utility interruptions.

- 75
76 (4) Noise, Vibration, Dust and Odors: Coordinate operations that
77 may result in high levels of noise and vibration, dust, odors, or
78 other disruption to occupancy with Contracting Officer.

- 79
80 (a) Notify Contracting Officer not less than two days in
81 advance of proposed disruptive operations.

- 82
83 (b) Obtain Contracting Officer's written permission before
84 proceeding with disruptive operations.

- 85
86 (5) Smoking and Controlled Substance Restrictions: Use of
87 tobacco products, alcoholic beverages, and other controlled
88 substances within the existing building and property is not
89 permitted.

- 91 (6) Employee Identification: Provide identification tags for
92 Contractor personnel working on Project site. Require
93 personnel to use identification tags at all times.
94
95 (7) Hazardous Materials Encountered During Work:
96
97 (a) Suspend work immediately if hazardous materials is
98 suspected.
99
100 (b) Protect workers, occupants, and the environment until
101 testing and abatement procedures are completed.
102
103 **608.02 Materials.** None.
104
105 **608.03 Construction.** None.
106
107
108 **END OF SECTION 608**

1 Make the following Section a part of the Standard Specifications:

2
3 **"SECTION 609 – EXISTING HAZARDOUS MATERIAL**

4
5 **608.01 Description.** This section summarizes all Hazardous Materials
6 work required for this Project.

7
8 **(A) Existing Hazardous Material Information**

- 9
10 (1) This Document with its referenced attachments is part of the
11 Procurement and Contracting Requirements for Project. They
12 provide Owner's information for Bidders' convenience and are
13 intended to supplement rather than serve in lieu of Bidders' own
14 investigations. They are made available for Bidders'
15 convenience and information, but are not a warranty of existing
16 conditions. This Document and its attachments are not part of
17 the Contract Documents.
18
19 (2) An existing asbestos report for Project, prepared by Hall-
20 Kimbrell Division, dated August 12, 1992, is available for
21 viewing as appended to this Document.
22
23 (3) An existing asbestos and lead report for Project, prepared by
24 Kimura International, dated December 3, 2013, is available for
25 viewing as appended to this Document.
26
27 (4) An existing lead report for Project, prepared by Professional
28 Service Industries, Inc. dated October 18, 1999, is available for
29 viewing as appended to this Document.
30
31 (5) An existing mold report for Project, prepared by Environmental
32 Health Specialist, Indoor and Radiological Health Branch, dated
33 April 21, 2017, is available for viewing as appended to this
34 Document.

35
36 **(B) Contractor's Responsibility**

- 37
38 (1) Contractor shall include in their bid, all costs to perform
39 hazardous materials testing, sampling, analysis, and reporting in
40 project area/affected areas.
41
42 (2) Conduct testing for materials including, but not limited to,
43 asbestos and lead-based paint.
44

- (3) Provide qualified, independent environmental consultant and testing laboratories meeting applicable OSHA, EPA, and State regulatory requirements.
- (4) Submit hazardous materials test results and report within 48 hours of receipt.
- (a) Provide written documentation identifying the material, test method, laboratory certification, and regulatory thresholds.
- (b) Maintain hazardous materials reports as part of the Project Record Documents.
- (c) Provide chain-of-custody documentation for all samples.
- (5) Provide written documents specifying the remediation process of any hazardous materials found and disturbed.
- (6) Perform additional testing if suspect materials are uncovered during demolition or renovation. Notify Contracting Officer if suspected material is found prior to testing.

608.02 Materials. None.

608.03 Construction. None.

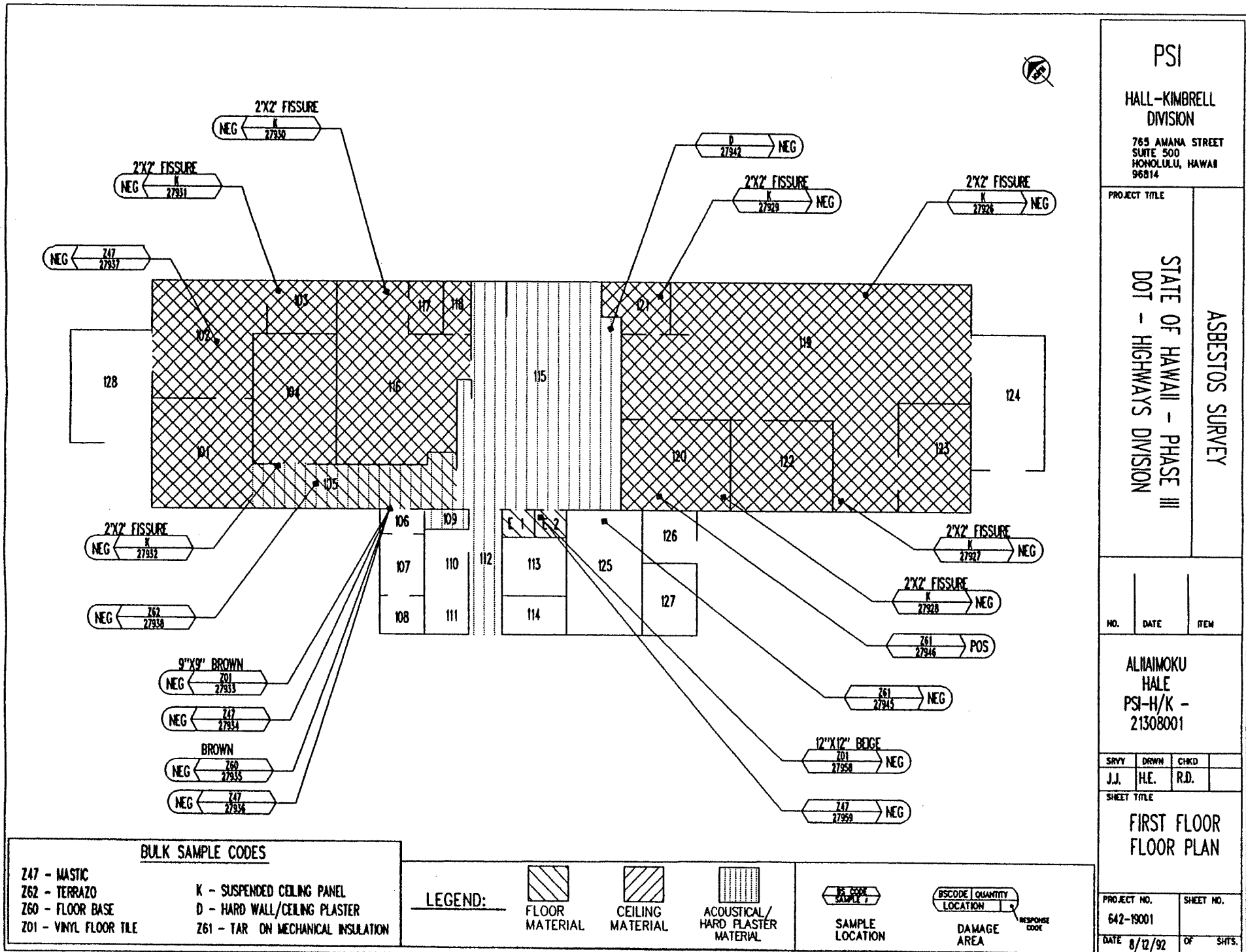
608.04 Measurement. None.

608.05 Payment. The Engineer will pay for the accepted pay items listed below at the contract pay unit price, as shown in the proposal schedule. Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will pay for each of the following pay items when included in the proposal schedule:

Pay Item	Pay Unit
Hazardous Material Survey and Testing	LS
Hazardous Material Specifications (if hazardous materials found)	LS

END OF SECTION 609



PSI

HALL-KIMBRELL
DIVISION

765 AMANA STREET
SUITE 500
HONOLULU, HAWAII
96814

PROJECT TITLE

STATE OF HAWAII - PHASE III
DOT - HIGHWAYS DIVISION

ASBESTOS SURVEY

NO.	DATE	ITEM

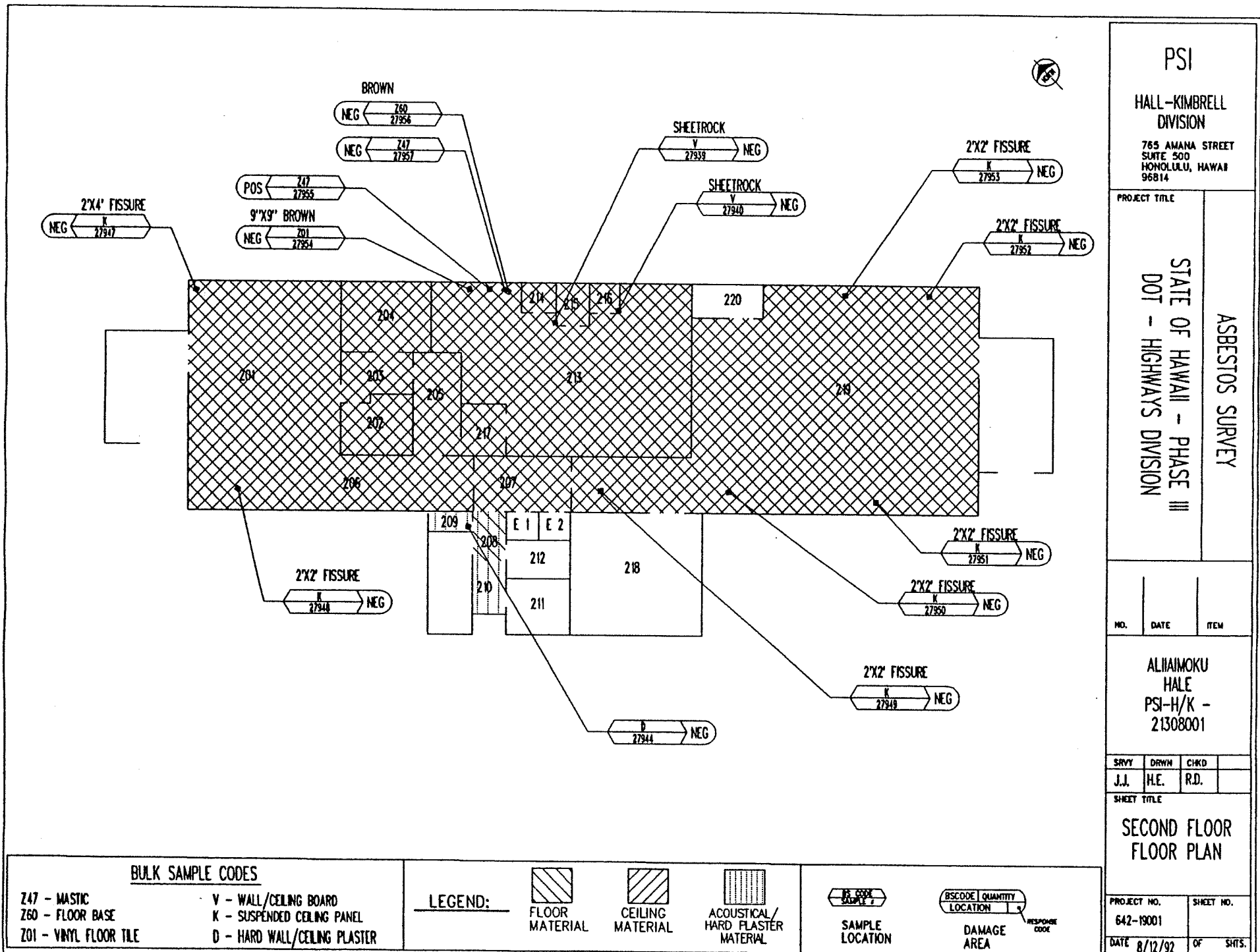
ALHAIMOKU
HALE
PSI-H/K -
21308001

SRVY	DRWN	CHKD
J.J.	H.E.	R.D.

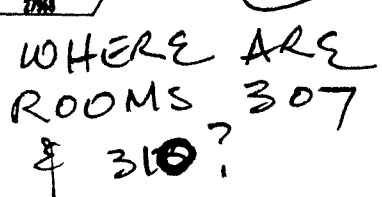
SHEET TITLE

FIRST FLOOR
FLOOR PLAN

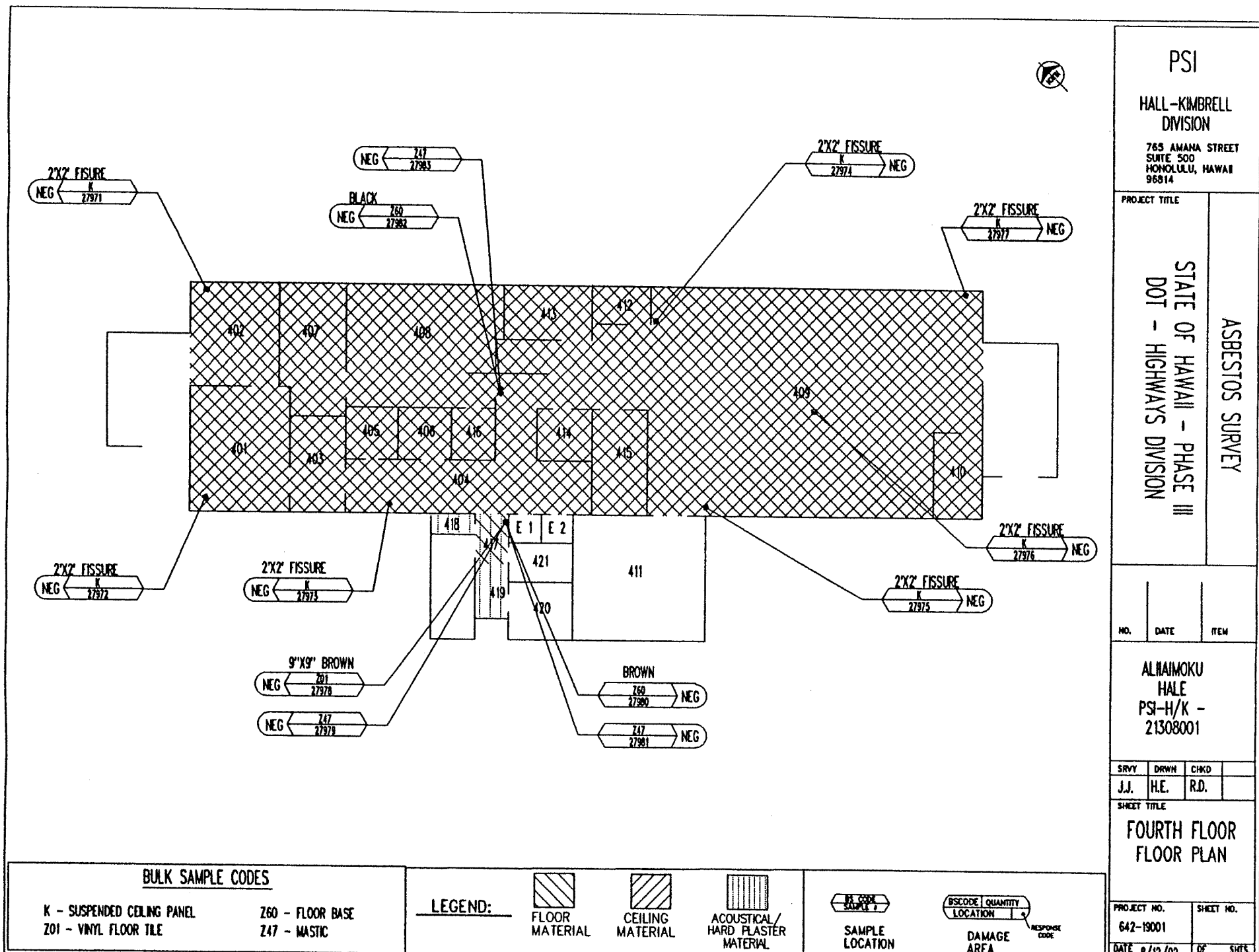
PROJECT NO. 642-19001	SHEET NO.
DATE 8/12/92	OF



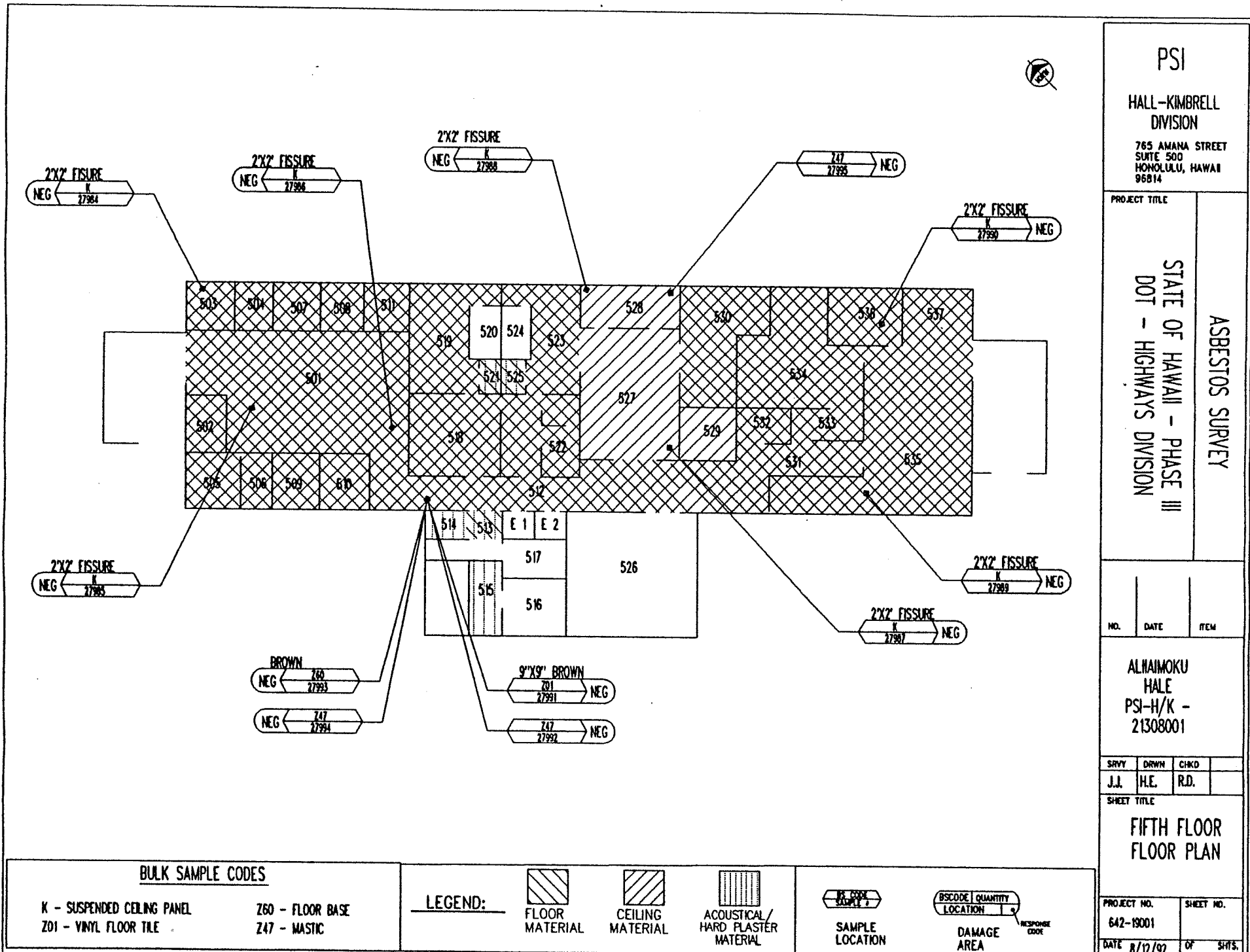
A-ALIHAMOKU HALE -2



PSI HALL-KIMBRELL DIVISION 785 AMANA STREET SUITE 500 HONOLULU, HAWAII 96814			
PROJECT TITLE STATE OF HAWAII - PHASE III DOT - HIGHWAYS DIVISION		ASBESTOS SURVEY	
NO.	DATE	ITEM	
ALIIMOKU HALE PSI-H/K - 21308001			
SRVY	DRWN	CHKD	
J.J.	H.E.	R.D.	
SHEET TITLE THIRD FLOOR FLOOR PLAN			
PROJECT NO. 642-19001		SHEET NO.	
DATE 8/17/97		OF SHTS.	



A-ALIIAMOKU HALE -4





PSI

HALL-KIMBRELL
DIVISION

765 AMANA STREET
SUITE 500
HONOLULU, HAWAII
96814

PROJECT TITLE

ASBESTOS SURVEY
STATE OF HAWAII - PHASE III
DOT - HIGHWAYS DIVISION

NO. DATE ITEM

ALIILAMOKU
HALE
PSI-H/K -
21308001

SRVY DRWN CHKD
J.J. H.E. R.D.

SHEET TITLE

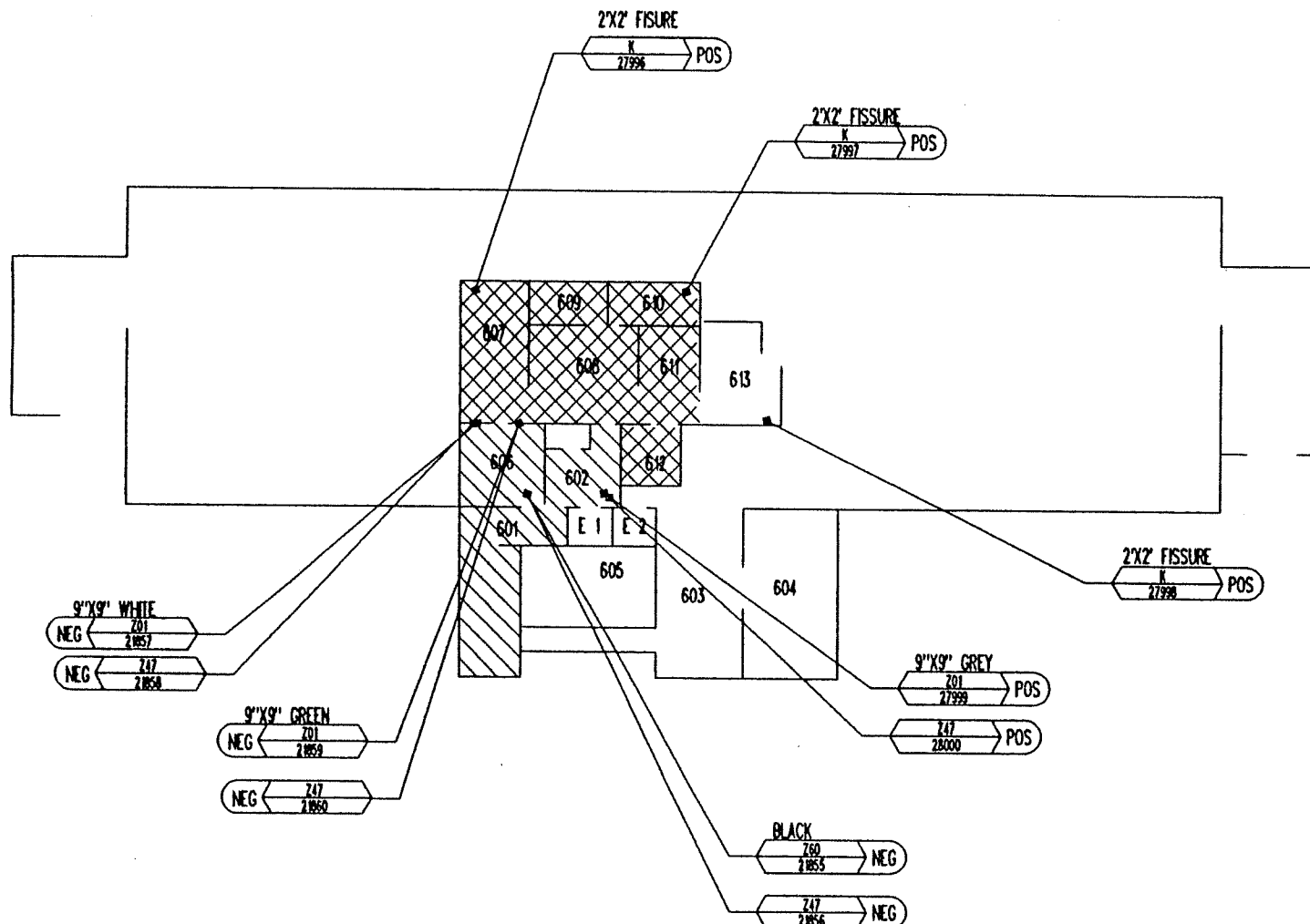
PENTHOUSE
FLOOR PLAN

PROJECT NO.
642-19001

DATE 8/12/92

SHEET NO.

OF SHFS.



BULK SAMPLE CODES

K - SUSPENDED CEILING PANEL
Z01 - VINYL FLOOR TILE

Z60 - FLOOR BASE
Z47 - MASTIC

LEGEND:



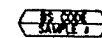
FLOOR
MATERIAL



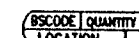
CEILING
MATERIAL



ACOUSTICAL/
HARD PLASTER
MATERIAL

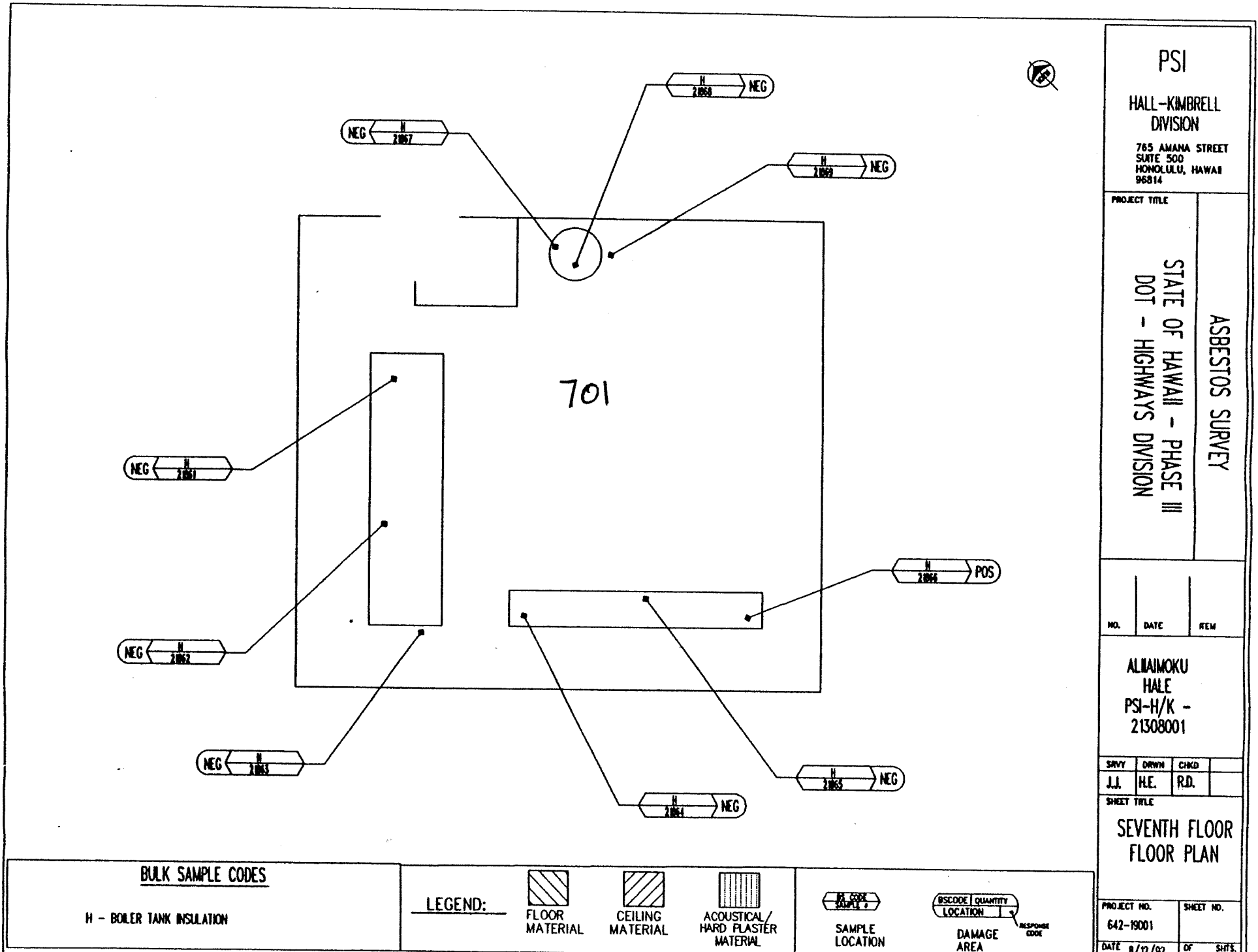


SAMPLE
LOCATION



DAMAGE
AREA

RESPONSE
CODE



A-ALIIMOKU HALE -7

ASBESTOS ASSESSMENT SURVEY
SOH Phase III

Project Number: 642-19001
Building Number: 21308001
Building Name: DOT HWY-AliiAIMoku Hale
Address : 869 Punchbowl Street
Honolulu, Hawaii

Page: 260
Building Type: Office
Year Constructed: UNKN
Date Inspected: 09/22/92
Inspector: Swartz/Lumabao

LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
** Area 1 Ceiling Materials AHERA Damage Code: 4 Response Action: 27 Potential for Disturbance: 3 Reason for Damage: A												
1st Floor - See Comments	1	7	suspended ceiling panel		0%	0 sq.ft.	OMG	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
1	27926	0 %										
1	27927	0 %										
1	27928	0 %										
1	27929	0 %										
1	27930	0 %										
1	27931	0 %										
1	27932	0 %										
2nd Floor - See Comments	12	7	suspended ceiling panel		0%	0 sq.ft.	OMG	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
12	27947	0 %										
12	27948	0 %										
12	27949	0 %										
12	27950	0 %										
12	27951	0 %										
12	27952	0 %										
12	27953	0 %										

ASBESTOS ASSESSMENT SURVEY
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Building Type: Office
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Inspector: Swartz/Lumabao

LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
3rd Floor - See Comments	19	7	suspended ceiling panel		0%	0 sq.ft.	OMG	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
19	27960	0 %										
19	27961	0 %										
19	27962	0 %										
19	27963	0 %										
19	27964	0 %										
19	27965	0 %										
19	27966	0 %										
4th Floor - See Comments	24	7	suspended ceiling panel		0%	0 sq.ft.	OMG	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
24	27971	0 %										
24	27972	0 %										
24	27973	0 %										
24	27974	0 %										
24	27975	0 %										
24	27976	0 %										
24	27977	0 %										
5th Floor - See Comments	31	7	suspended ceiling panel		0%	0 sq.ft.	OMG	0		\$0	\$0	\$0

Project Number: 642-19001
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ASBESTOS ASSESSMENT SURVEY
 SOH Phase III

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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPs	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS#	Sample #	%ASB										
31	27984	0 %										
31	27985	0 %										
31	27986	0 %										
31	27987	0 %										
31	27988	0 %										
31	27989	0 %										
31	27990	0 %										
6th Floor - See Comments	37	3	suspended ceiling panel		15%	950 sq.ft.	OMG	35	III	\$4,750	\$5,700	\$10,450
MS#	Sample #	%ASB										
37	27996	15%										
37	27997	10%										
37	27998	12%										
1st Floor, Rooms 101-104,116-123 - 2'X2' Fissure. 2nd Floor, Rooms 201-207,213-217,219,220 - 2'X2' Fissure. 3rd Floor, Room 301-307, 313-317,319-326 - 2'X2' Fissure. 4th Floor, Rooms 401-410,412-416 - 2'X2' Fissure. 5th Floor, Rooms 501-512,518,519,522,523,527-537 - 2'X2' Fissure. 6th Floor, Rooms 607-612 - 2'X2' Fissure							AREA #	1	TOTALS	\$4,750	\$5,700	\$10,450

** Area 2 Mechanical Insulation
 AHERA Damage Code: 1 Response Action: 2 Potential for Disturbance: 2 Reason for Damage: G

ASBESTOS ASSESSMENT SURVEY

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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPs	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
Room 701 Compressor - Tank #1	46	3	boiler/tank insulation		0%	0 sq.ft.	OMB	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
46	21861	0 %										
46	21862	0 %										
46	21863	0 %										
Room 701 Compressor - Tank #2	47	3	boiler/tank insulation		10%	200 sq.ft.	OMB	38	111	\$6,268	\$5,022	\$11,290
MS#	Sample #	%ASB										
47	21864	0 %										
47	21865	0 %										
47	21866	10%										
Room 701 Expansion Tank	48	3	boiler/tank insulation		0%	0 sq.ft.	OMB	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
48	21867	0 %										
48	21868	0 %										
48	21869	0 %										

Project Number: 642-19001
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ASBESTOS ASSESSMENT SURVEY
 SOH Phase III

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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPs	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
						AREA #	2	TOTALS		\$6,268	\$5,022	\$11,290
** Area 3 Misc - Tar on Mechanical Equipment AHERA Damage Code: 5 Response Action: 7 Potential for Disturbance: 2 Reason for Damage: A												
Rms 125,218,318,411,526-Red Tar on Duct	10	1	tar		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
10	27945	0 %										
Above drop ceilings - Black Tar on Ducts	11	1	tar on mechanical insulation		5%	2000 sq.ft.	OMZ	11	IV	\$10,000	\$7,000	\$17,000
MS#	Sample #	%ASB										
11	27946	5 %										
						AREA #	3	TOTALS		\$10,000	\$7,000	\$17,000
** Area 4 Flooring Material AHERA Damage Code: 5 Response Action: 7 Potential for Disturbance: 2 Reason for Damage: A												
1st Floor - 9"X9" Brown See Comments	2	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0

ASBESTOS ASSESSMENT SURVEY

SOH Phase III

Project Number: 642-19001

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Building Name: DOT HWY-Aliiainmoku Hale

Address : 869 Punchbowl Street

Honolulu, Hawaii

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Building Type: Office

Year Constructed: UNKN

Date Inspected: 09/22/92

Inspector: Swartz/Lumabao

LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPs	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
2 27933 0 %												
1st Floor - 9"X9" Brown See Comments	3	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
3 27934 0 %												
1st Floor - Brown See Comments	4	1	floor base		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
4 27935 0 %												
1st Floor - Brown See Comments	5	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
5 27936 0 %												
1st Floor Room 102 - under raised floor	6	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0

Project Number: 642-19001
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ASBESTOS ASSESSMENT SURVEY
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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPs	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
6 27937 0 %												
1st Floor Rooms 109 & 115	7	1	terrazzo		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
7 27938 0 %												
2nd Floor - 9"X9" Brown See Comments	13	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0
MS# Sample # %ASB												
13 27954 0 %												
2nd Floor - 9"X9" Brown See Comments	14	1	mastic		5%	7600 sq.ft.	OMZ	12	IV	\$30,400	\$21,508	\$51,908
MS# Sample # %ASB												
14 27955 5 %												
2nd Floor - Brown See Comments	15	1	floor base		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0

ASBESTOS ASSESSMENT SURVEY
SOH Phase III

Project Number: 642-19001
Building Number: 21308001
Building Name: DOT HWY-Aliiainokū Hale
Address : 869 Punchbowl Street
Honolulu, Hawaii

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Building Type: Office
Year Constructed: UNKN
Date Inspected: 09/22/92
Inspector: Swartz/Lumabao

LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
15 27956 0 %												
2nd Floor - Brown See Comments	16	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
16 27957 0 %												
Rooms E1 & E2 (Elevators) 12"X12" Beige	17	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0
MS# Sample # %ASB												
17 27958 0 %												
Rooms E1 & E2 (Elevators) 12"X12" Beige	18	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
18 27959 0 %												
3rd Floor - 9"X9" Brown See Comments	20	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0

ASBESTOS ASSESSMENT SURVEY
SOH Phase III

Project Number: 642-19001
Building Number: 21308001
Building Name: DOT HWY-Alliamoku Hale
Address : 869 Punchbowl Street
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Building Type: Office
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Inspector: Swartz/Lumabao

LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
20 27967 0 %												
3rd Floor - 9"X9" Brown See Comments	21	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
21 27968 0 %												
3rd Floor - Brown See Comments	22	1	floor base		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
22 27969 0 %												
3rd Floor - Brown See Comments	23	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
23 27970 0 %												
4th Floor - 9"X9" Brown See Comments	25	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0

ASBESTOS ASSESSMENT SURVEY
SOH Phase III

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Building Type: Office
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Inspector: Swartz/Lumabao

LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPs	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
25 27978 0 %												
4th Floor - 9"X9" Brown See Comments	26	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
26 27979 0 %												
4th Floor - Brown See Comments	27	1	floor base		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
27 27980 0 %												
4th Floor - Brown See Comments	28	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
28 27981 0 %												
4th Floor Rooms 409,413,414 - Black	29	1	floor base		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0

ASBESTOS ASSESSMENT SURVEY
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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
29 27982 0 %												
4th Floor Rooms 409,413,414 - Black	30	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
30 27983 0 %												
5th Floor - 9"X9" Brown See Comments	32	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0
MS# Sample # %ASB												
32 27991 0 %												
5th Floor - 9"X9" Brown See Comments	33	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
33 27992 0 %												
5th Floor - Brown See Comments	34	1	floor base		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0

ASBESTOS ASSESSMENT SURVEY
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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
34 27993 0 %												
5th Floor - Brown See Comments	35	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
35 27994 0 %												
5th Floor Rms 528,529 - Under cork tiles	36	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
36 27995 0 %												
6th Floor, Rms 601,602,612 - 9"X9" Gray	38	1	vinyl floor tile		3%	450 sq.ft.	OMI	12	IV	\$1,800	\$1,274	\$3,074
MS# Sample # %ASB												
38 27999 3 %												
6th Floor, Rms 601,602,612 - 9"X9" Gray	39	1	mastic		10%	450 sq.ft.	OMZ	12	IV	\$1,800	\$1,274	\$3,074

Project Number: 642-19001
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ASBESTOS ASSESSMENT SURVEY
 SOH Phase III

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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPs	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
39 28000 10%												
6th Floor - Black See Comments	40	1	floor base		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
40 21855 0 %												
6th Floor - Black See Comments	41	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
41 21856 0 %												
6th Floor - 9"X9" White See Comments	42	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0
MS# Sample # %ASB												
42 21857 0 %												
6th Floor - 9"X9" White See Comments	43	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0

ASBESTOS ASSESSMENT SURVEY
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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
MS# Sample # %ASB												
43 21858 0 %												
6th Floor - 9"X9" Green See Comments	44	1	vinyl floor tile		0%	0 sq.ft.	OMI	0		\$0	\$0	\$0
MS# Sample # %ASB												
44 21859 0 %												
6th Floor - 9"X9" Green See Comments	45	1	mastic		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS# Sample # %ASB												
45 21860 0 %												
1st Floor, Rooms 101-105, 116-123 - 9"X9" Brown Floor Tile & Mastic. Rooms 101,103-105,116-123 - Brown Floorbase & Mastic. 2nd Floor, Rooms 201-207,213-217,219,220 - 9"X9" Brown Floor Tile & Mastic. Rooms 201-207, 213-217,219,220 - Brown Floorbase & Mastic. 3rd Floor, Rooms 301,302,305-308,313-317,319,320,323-326 Brown Floorbase & Mastic. Rooms 301-308,313-317,319-326 - 9"X9" Brown Floor Tile & Mastic. 4th Floor, Rooms 401-410,412-417 - 9"X9" Brown Floor Tile & Mastic. Rooms 401-405,407-410,412,413,415,417 - Brown Floorbase & Mastic. 5th Floor, Rooms 501-513,518,519,521-523,525,530-537 - 9"X9" Brown Floor Tile & Mastic. Rooms 501-506,509-513,531-537 - Brown Floorbase & Mastic. 6th Floor, Rooms 606-611 - 9"X9" White & 9"X9" Green Floor Tiles & Mastic in Checkerboard pattern. Rooms 601,602,605-612 - Black Floorbase & Mastic.							AREA #	4	TOTALS	\$34,000	\$24,056	\$58,056

ASBESTOS ASSESSMENT SURVEY
SOH Phase III

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Building Name: DOT HWY-Aliiālmoku Hale
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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
** Area	5	Wall/Ceiling Board										
	AHERA Damage Code: 5		Response Action: 7	Potential for Disturbance: 2			Reason for Damage: A					
Sheetrock Walls - See Comments	8	3	wall/ceiling board		0%	0 sq.ft.	OMZ	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
8	27939	0 %										
8	27940	0 %										
8	27941	0 %										
Rooms							AREA #	5	TOTALS	\$0	\$0	\$0
101,102,104,105,119,120,122,204,213-217,321,324,325,501,505,506,509,510,519,523,529-536,601												
-603,605-612 - Sheetrock Walls												
** Area	6	Hard Wall/Ceiling Plaster										
	AHERA Damage Code: 5		Response Action: 7	Potential for Disturbance: 2			Reason for Damage: A					
See Comments	9	3	hard wall/ceiling plaster		0%	0 sq.ft.	OMD	0		\$0	\$0	\$0
MS#	Sample #	%ASB										
9	27942	0 %										
9	27943	0 %										
9	27944	0 %										

ASBESTOS ASSESSMENT SURVEY
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LOCATION	SAMPLE GROUP NUMBER	NUMB OF SAMPS	MATERIAL DESCRIPTION	PIPE ID	% ASB	QUANTITY	O&M CODE	EXP POT	PRIORITY LEVEL	REMOVAL COSTS	REPLACEMENT COSTS	TOTAL COSTS
Rooms							AREA #	6	TOTALS	\$0	\$0	\$0
101,102,104,105,109,112,115,119-121,201,204-206,208-210,313-316,403-405,407,408,417-419,501,511,513-515,520,521,524,525,527,528,531,534,613.												
BUILDING # 21308001 TOTALS										\$55,018	\$41,778	\$96,796

PSI/HALL-KIMBRELL ENVIRONMENTAL INC.
ASBESTOS PETROGRAPHIC ANALYSIS

CLIENT: DAG Asbestos Litigation Unit
PROJECT #: 64219001 SOH Phase III

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BUILDING #: 21308001
BUILDING: DOT HWY-Aliiainmoku Hale

GROUP#	SAMPLE NUMBER	ANALY	TYPE	CONS	HOMO	COLOR	TOT ASB	A S B E S T O S				ACT /TRE
								CHRY	AMO	CRO	ANT	
1	27926	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
1	27927	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
1	27928	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
1	27929	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
1	27930	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
1	27931	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
1	27932	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
2	27933	0	PRIMARY	N	Y	T	0	0	0	0	0	0
3	27934	0	PRIMARY	N	Y	B	0	0	0	0	0	0
4	27935	0	PRIMARY	N	Y	B	0	0	0	0	0	0
5	27936	0	PRIMARY	N	Y	Y	0	0	0	0	0	0
6	27937	0	PRIMARY	N	Y	K	0	0	0	0	0	0
7	27938	0	PRIMARY	N	Y	W	0	0	0	0	0	0
8	27939	0	PRIMARY	N	Y	T	0	0	0	0	0	0
8	27940	0	PRIMARY	N	Y	T	0	0	0	0	0	0
8	27941	0	PRIMARY	N	Y	T	0	0	0	0	0	0
9	27942	0	PRIMARY	Y	Y	W	0	0	0	0	0	0
9	27943	0	PRIMARY	Y	Y	W	0	0	0	0	0	0
9	27944	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
10	27945	0	PRIMARY	N	Y	R	0	0	0	0	0	0
11	27946	0	PRIMARY	N	Y	K	5	5	0	0	0	0
12	27947	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
12	27948	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
12	27949	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
12	27950	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
12	27951	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
12	27952	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
12	27953	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
13	27954	0	PRIMARY	N	Y	T	0	0	0	0	0	0

0 = Primary Analysis (Entire Sample)
1-4 = Subanalyses

T = Trace

PSI/HALL-KIMBRELL ENVIRONMENTAL INC.
ASBESTOS PETROGRAPHIC ANALYSIS

CLIENT: DAG Asbestos Litigation Unit
PROJECT #: 64219001 SOH Phase III

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BUILDING: DOT HWY-Aliiainmoku Hale

GROUP#	SAMPLE NUMBER	ANALY	TYPE	CONS	HOMO	COLOR	TOT ASB	A S B E S T O S				ACT /TRE
								CHRY	AMO	CRO	ANT	
14	27955	0	PRIMARY	N	Y	Y	5	5	0	0	0	0
15	27956	0	PRIMARY	N	Y	B	0	0	0	0	0	0
16	27957	0	PRIMARY	N	Y	B	0	0	0	0	0	0
17	27958	0	PRIMARY	N	Y	T	0	0	0	0	0	0
18	27959	0	PRIMARY	N	Y	B	0	0	0	0	0	0
19	27960	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
19	27961	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
19	27962	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
19	27963	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
19	27964	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
19	27965	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
19	27966	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
20	27967	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
21	27968	0	PRIMARY	N	Y	K	0	0	0	0	0	0
22	27969	0	PRIMARY	N	Y	B	0	0	0	0	0	0
23	27970	0	PRIMARY	N	Y	B	0	0	0	0	0	0
24	27971	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
24	27972	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
24	27973	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
24	27974	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
24	27975	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
24	27976	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
24	27977	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
25	27978	0	PRIMARY	N	Y	T	0	0	0	0	0	0
26	27979	0	PRIMARY	N	Y	B	0	0	0	0	0	0
27	27980	0	PRIMARY	N	Y	B	0	0	0	0	0	0
28	27981	0	PRIMARY	N	Y	B	0	0	0	0	0	0

0 = Primary Analysis (Entire Sample)
1-4 = Subanalyses

T = Trace

PSI/HALL-KIMBRELL ENVIRONMENTAL INC.
ASBESTOS PETROGRAPHIC ANALYSIS

CLIENT: DAG Asbestos Litigation Unit
PROJECT #: 64219001 SOH Phase III

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BUILDING: DOT HWY- Aliiainmoku Hale

GROUP#	SAMPLE NUMBER	ANALY	TYPE	CONS	HOMO	COLOR	TOT ASB	A S B E S T O S				ACT /TRE
								CHRY	AMO	CRO	ANT	
29	27982	0	PRIMARY	N	Y	K	0	0	0	0	0	0
30	27983	0	PRIMARY	N	Y	Y	0	0	0	0	0	0
31	27984	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
31	27985	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
31	27986	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
31	27987	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
31	27988	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
31	27989	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
31	27990	0	PRIMARY	Y	Y	T	0	0	0	0	0	0
32	27991	0	PRIMARY	N	Y	T	0	0	0	0	0	0
33	27992	0	PRIMARY	N	Y	K	0	0	0	0	0	0
34	27993	0	PRIMARY	N	Y	B	0	0	0	0	0	0
35	27994	0	PRIMARY	N	Y	B	0	0	0	0	0	0
36	27995	0	PRIMARY	N	Y	Y	0	0	0	0	0	0
37	27996	0	PRIMARY	Y	Y	W	15	0	15	0	0	0
37	27997	0	PRIMARY	Y	Y	W	10	0	10	0	0	0
37	27998	0	PRIMARY	Y	Y	W	12	0	12	0	0	0
38	27999	0	PRIMARY	N	Y	G	3	3	0	0	0	0
39	28000	0	PRIMARY	N	Y	K	10	10	0	0	0	0
40	21855	0	PRIMARY	N	Y	K	0	0	0	0	0	0
41	21856	0	PRIMARY	N	Y	B	0	0	0	0	0	0
42	21857	0	PRIMARY	N	Y	T	0	0	0	0	0	0
43	21858	0	PRIMARY	N	Y	T	0	0	0	0	0	0
44	21859	0	PRIMARY	N	Y	N	0	0	0	0	0	0
45	21860	0	PRIMARY	N	Y	B	0	0	0	0	0	0

0 = Primary Analysis (Entire Sample)
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T = Trace

PSI/HALL-KIMBRELL ENVIRONMENTAL INC.
ASBESTOS PETROGRAPHIC ANALYSIS

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CLIENT: DAG Asbestos Litigation Unit
PROJECT #: 64219001 SOH Phase III

GROUP#	SAMPLE NUMBER	ANALY	TYPE	CONS	HOMO	COLOR	TOT ASB	A S B E S T O S				ACT /TRE
								CHRY	AMO	CRO	ANT	
46	21861	0	PRIMARY	Y	Y	G	0	T	0	0	0	0
46	21862	0	PRIMARY	Y	Y	G	0	T	0	0	0	0
46	21863	0	PRIMARY	Y	Y	G	0	0	0	0	0	0
47	21864	0	PRIMARY	Y	Y	T	0	T	0	0	0	0
47	21865	0	PRIMARY	Y	Y	G	0	0	0	0	0	0
47	21866	0	PRIMARY	Y	Y	G	10	10	0	0	0	0
48	21867	0	PRIMARY	Y	Y	G	0	0	0	0	0	0
48	21868	0	PRIMARY	Y	Y	G	0	0	0	0	0	0
48	21869	0	PRIMARY	Y	Y	G	0	0	0	0	0	0

0 = Primary Analysis (Entire Sample)
1-4 = Subanalyses

T = Trace

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
101		S		C-27	U/H			U	E-16	R-16			
		NS				K	K						
102		S		C-27	U			H	E-16	R-4			
		NS				K	K						
103		S		C-27					E-16	R-16			
		NS			A-27	A-27	A-27	A-27	I				
104		S		C-27	H	U	U	U	E-16	R-16			
		NS											
105		S		U	V	H		U	E-16	R-16			
		NS					K						
106		S											
		NS		K	K	W	K	K	K				
107		S											
		NS		K	K	W	K	W	K				
108		S											
		NS		K	K	W	K	W	K				
109		S		U					Terrazzo				
		NS			K	K	K	K	K				
110	Stairs	S											
		NS		K	K	K	K	K	K				
111		S											
		NS		K	K	K	K	K	K				

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
112		S		U									
		NS			K	K	K	K	L				
113	MEN'S RM	S											
		NS		V	K/L	K/L	K/L	K/L	L				
114	WOMNS RM	S											
		NS		V	K/L	K/L	K/L	K/L	L				
115	Foyer	S		U	U	U	U	U	Terrazzo				
		NS											
116		S		C-27		U	U	U	E-16	R-16			
		NS			M/K	M	M	M					
117		S		C-27					E-16	R-16			
		NS			M	M	K	M					
118		S		C-27	U				E-16	R-16			
		NS				K	M	M					
119		S		C-27	H			U	E-16	R-16			
		NS			K	K/KK							
120		S		C-27	V		H	H	E-16	R-16			
		NS				K							
121		S		C-27	V		V	V	E-16	R-16			
		NS				K	K						
122		S		C-27	H		H	H	E-16	R-16			
		NS				K							

ROOM I.D.		CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site	Substr.	Surface	Right	Rear	Left	Front	Material	Base			
123		S	C-27					E-16	R-16			
		NS		K	K	KK	KK					
124		S										
		NS	K	K	K	K	K	K				
125		S								See Comm		Red Tar on duct 25 sq
		NS	K	W	K	K	K	K		HH-Q		
126		S										
		NS	K	K	K	K	K	K				
127	HECO	S										NO ACCESS
		NS										
128		S										
		NS	K	K	K	K	K	K				
201		S	C-27				U	E-16	R-16			
		NS		K	K	K						
202		S	C-27					E-16	R-16			
		NS		A-27	A-27	A-27	M					
203		S	C-27					E-16	R-16			
		NS		A-28	A-28	A-28	A-28					
204		S	C-27	H		U	V	E-16	R-16			
		NS			K		KK					
205		S	C-27				V	E-16	R-16			
		NS		KK	KK	KK	KK					

ROOM I.D.		CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site	Substr.	Surface	Right	Rear	Left	Front	Material	Base			
206		S	C-27	V	V			E-16	R-16			
		NS		KK		K	M					
207		S	C-27					E-16	R-16			
		NS		KK	KK	M	K/L					
208		S	U									
		NS		K	K	K	K					
209		S	U									
		NS		K	K	K	K	K				
210		S	U									
		NS		K	K	K	K	L				
211		S										
		NS	V	L/K	L/K	L/K	L/K	L				
212		S										
		NS	V	L/K	L/K	L/K	L/K	L				
213		S	C-27	H	H	H	H	E-16	R-16			
		NS			K	KK	KK					
214		S	C-27	H		H	H	E-16	R-16			
		NS			K							
215		S	C-27	H		H	H	E-16	R-16			
		NS			K							
216		S	C-27	H		H	H	E-16	R-16			
		NS			K							

BUILDING NAME: DOT HWY-Aliiainmoku
Hale

BUILDING I.D.: 21308001

PROJECT NUMBER : 642-19001

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
217		S		C-27	H			H	E-16	R-16			
		NS				KK	KK						
218		S									See Comm		Red Tar on duct 35 sq
		NS		K	W/K	KK	K	K	K				
219		S		C-27				H	E-16	R-16			
		NS			K	K	K						
220		S		C-27	H		H	H	E-16	R-16			
		NS				K							
301		S		C-27					E-16	R-16			
		NS			K	K/M	K	M/KK					
302		S		C-27					E-16	R-16			
		NS			M	M	K	KK					
303		S		C-27					E-16				
		NS			M	M	M	M/KK					
304		S		C-27					E-16				
		NS			KK	M	M	M					
305		S		C-27					E-16	R-16			
		NS			KK	K	M	M					
306		S		C-27					E-16	R-16			
		NS			K	K	M	M					
307	NOT SHOWN	S		C-27					E-16	R-16			
	ON DWG	NS			KK	KK	KK	K/L					

ROOM I.D.		CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site	Substr.	Surface	Right	Rear	Left	Front	Material	Base			
308		S	C-27					E-16	R-16			
		NS		K	K	K	K					
309		S	C-27									
		NS		K	K	K	K	K				
310	NOT STOWN ON DUCTS	S	C-27									
		NS		K	K	K	K	L				
311		S	C-27									
		NS		K/L	K/L	K/L	K/L	L				
312		S	C-27									
		NS		K/L	K/L	K/L	K/L	L				
313		S	C-27	U				E-16	R-16			
		NS			K/M	M	KK					
314		S	C-27	U				E-16	R-16			
		NS			K	M	M					
315		S	C-27			U		E-16	R-16			
		NS		M/KK	M/KK	M	KK					
316		S	C-27			U		E-16	R-16			
		NS		M	K	M	M/KK					
317		S	C-27					E-16	R-16			
		NS		M	K	M	M					
318		S								See Comm		Red Tar on Duct 25 sq
		NS	K	W/K	K	K	K					

ROOM I.D.		CEILING		WALLS				FLOOR		MECH.	HTSC.	SAMPLE#/COMMENTS
Original	On Site	Substr.	Surface	Right	Rear	Left	Front	Material	Base			
319		S	C-27					E-16	R-16			
		NS		M	M	M	M/K					
320		S	C-27					E-16	R-16			
		NS		M	K	M	M					
321		S	C-27		H			E-16				
		NS		M		M	KK					
322		S	C-27					E-16				
		NS		M	M	M	M					
323		S	C-27					E-16	R-16			
		NS		M	K	M	M					
324		S	C-27	H				E-16	R-16			
		NS			K	M	M					
325		S	C-27			H	H	E-16	R-16			
		NS		K	K/M	K/M	M					
326		S	C-27					E-16	R-16			
		NS		K	K	M	M					
401		S	C-27					E-16	R-16			
		NS		KK	K	K	KK					
402		S	C-27					E-16	R-16			
		NS		M	K	K	KK					
403		S	C-27				U	E-16	R-16			
		NS		M	KK	K						

ROOM I.D.		CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site	Substr.	Surface	Right	Rear	Left	Front	Material	Base			
404		S	C-27			U		E-16	R-16			
		NS		KK	KK		K					
405		S	C-27			U		E-16	R-16			
		NS		A-27	A-27		A-27					
406		S	C-27					E-16				
		NS		KK	KK	KK	KK					
407		S	C-27				U	E-16	R-16			
		NS		K	M/K	M/K						
408		S	C-27				U	E-16	R-16			
		NS		KK	M	K						
409		S	C-27					E-16	R-4			
		NS		M/K	K/KK	K	M/KK					
410		S	C-27					E-16	R-16			
		NS		K	K	KK	KK					
411		S										
		NS	K	K/W	K	K	K	K				
412		S	C-27					E-16	R-16			
		NS		KK	K	M	M					
413		S	C-27					E-16	R16/R4			
		NS		M	K	M	M					
414		S	C-27					E-16	R16/R4			
		NS		M/KK	KK	M	M					

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
415	Conf Rm	S		C-27					E-16	R-16			
		NS			M/KK	K	KK	M					
416		S		C-27					E-16				
		NS			KK	KK	M/KK	M/KK					
417		S		U					E-16	R-16			
		NS			K	K	K	K					
418		S		U									
		NS			K	K	K	K	K				
419		S		U									
		NS			K	K	K	K	K				
420		S											
		NS		V	K/L	K/L	K/L	K/L	L				
421		S											
		NS		V	K/L	K/L	K/L	K/L	L				
501		S		C-27			H	V	E-16	R-16			
		NS			M/KK	M/KK							
502		S		C-27					E-16	R-16			
		NS			KK/M	K	KK/M	KK/M					
503		S		C-27					E-16	R-16			
		NS			KK/M	K	K	KK/M					
504		S		C-27					E-16	R-16			
		NS			M/KK	K	KK/M	KK/M					

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
505		S		C-27			H	H	E-16	R-16			
		NS			K	K		M/KK					
506		S		C-27	H			H	E-16	R-16			
		NS				K	M						
507		S		C-27					E-16				
		NS			M	K	M	M	I				
508		S		C-27					E-16				
		NS			M	K	M	M	I				
509		S		C-27			H	H	E-16	R-16			
		NS			M	K							
510		S		C-27	H		H	H	E-16	R-16			
		NS				K							
511		S		C-27	U				E-16	R-16			
		NS				K	M	M					
512		S		C-27					E-16	R-16			
		NS			M/K	M	M/K	K/L					
513		S		U					E-16	R-16			
		NS			K	K	K	K					
514		S		U									
		NS			K	K	K	K	K				
515		S		U									
		NS			K	K	K	K	L				

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
516		S		U									
		NS			K	K	K	K	L				
517		S											
		NS		V	K/L	K/L	K/L	K/L	L				
518		S		C-27					E-16				
		NS			M	M/K	M/K	M	I				
519		S		C-27	H				E-16				
		NS				K	K/M	K/M	I				
520		S			U	U	U	U					
		NS		V	L	L	L	L	L				
521		S		U	U	U	U	U	E-16				
		NS							I				
522		S		C-27					E-16				
		NS			M/K	M/K	M	M	I				
523		S		C-27			H		E-16				
		NS			M/K	K		M/K	I				
524		S			U	U	U	U					
		NS		V	L	L	L	L	L				
525		S		U	U	U	U	U	E-16				
		NS							I				
526		S											
		NS		K	K/W	K	K	K	K				

ROOM I.D.		CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site	Substr.	Surface	Right	Rear	Left	Front	Material	Base			
527	S		C-27	U	U	U	U					
	NS			M	M	M	M	I/K				
528	S		C-27	U		U	U	MASTIC				
	NS				K			CORK	9"X9"			
529	S		C-27	H			H	MASTIC				
	NS				K/M	K/M		CORK	9"X9"			
530	S		C-27	H				E-16				
	NS				K	K/M	K/M	I				
531	S		C-27			H	U	E-16	R-16			
	NS			M	M							
532	S		C-27	H	H	H	H	E-16	R-16			
	NS							I				
533	S		C-27	H	H	H	H	E-16	R-16			
	NS							I				
534	S		C-27	H	V	U	H	E-16	R-16			
	NS				K							
535	S		C-27				H	E-16	R-16			
	NS			K	K	KK/M						
536	S		C-27			H		E-16	R-16			
	NS			K	K		M/KK					
537	S		C-27					E-16	R-16			
	NS			K	K	M/KK	M/KK					

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
601		S				H			E-6	R-4			
		NS		K	K		K	K					
602		S			H	H	H	H	E-6	R-4			
		NS		K				W					
603		S			H			H					
		NS		K	K	K	W	K	K				
604		S											
		NS		K	K	K	K	W/K	K				
605		S				H	H	H		R-4			
		NS		K	K				K				
606		S					H		E-2/E-5	R-4			
		NS		K	K	K	W	K					
607		S		C-27	H	H	H	H	E-2/E-5	R-4			
		NS											
608		S		C-27	H	H	H	H	E-2/E-5	R-4			
		NS											
609		S		C-27	H	H	H	H	E-2/E-5	R-4			
		NS											
610		S		C-27	H	H	H	H	E-2/E-5	R-4			
		NS											
611		S		C-27	H	H	H	H	E-2/E-5	R-4			
		NS											

ROOM I.D.			CEILING		WALLS				FLOOR		MECH.	MISC.	SAMPLE#/COMMENTS
Original	On Site		Substr.	Surface	Right	Rear	Left	Front	Material	Base			
612		S		C-27	H			H	E-6	R-4			
		NS				K	W	K					
613		S			U	U	U	U					
		NS		V					K				
701		S											
		NS		K	K	K	W	K	K				
E-1	Elevator	S							F-7				
		NS		LL	TT	TT	TT	TT					
E-2	Elevator	S							F-7				
		NS		LL	TT	TT	TT	TT					

LIMITED HAZARDOUS

MATERIALS SURVEY REPORT

Aliiainimoku Hale

Building Repairs
DAGS Job No.: 22-29-7516

Prepared for:

RONALD N.S. HO AND ASSOCIATES, INC.

2153 N. King Street, Suite 201
Honolulu, Hawaii 96819

Prepared by

KIMURA INTERNATIONAL

1600 Kapiolani Blvd., Suite 1610 Honolulu, Hawaii 96814

December 3, 2013



KIMURA INTERNATIONAL

**LIMITED HAZARDOUS MATERIALS SURVEY REPORT
ALIIAIMOKU HALE
BUILDING REPAIRS
HONOLULU, HAWAII**

DAGS Job No.: 22-29-7516

Prepared For:

RONALD N.S. HO AND ASSOCIATES
2153 N. King Street, Suite 201
Honolulu, Hawaii 96819

Prepared By:

KIMURA INTERNATIONAL, INC.
1600 Kapiolani Boulevard, Suite 1610
Honolulu, Hawaii 18814

December 3, 2013

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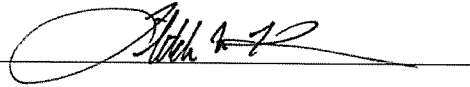
1.0 CERTIFICATIONS AND LIMITATIONS

Kimura International, Inc. (KI) has completed this Limited Hazardous Materials Survey Report for AliiAIMoku Hale, in Honolulu on the island of Oahu. KI's findings are based on research, site observations, government regulations and laboratory analytical data of the samples which were collected at the time and location of the survey. Even with such extensive investigative efforts, we cannot dismiss the possibility of additional hazardous materials being present that were inaccessible during the time of the survey.

We make no guarantee or warranty, either expressed or implied, except that our services are consistent with good commercial or customary practices designed to conform to acceptable industry standards.

This report is exclusively for the use and benefit of the State of Hawaii, Department of Transportation, and Ronald N.S. Ho and Associates and is not for the use or benefit of, nor may it be relied upon by, any other person or entity. The contents of this report may not be quoted in whole or in part or distributed to any person or entity without, in each case, the written consent of *Kimura International, Inc.*

Prepared By: _____



Fletcher Kimura

State of Hawaii Asbestos Inspector
Certification No. HIASB-3073
EPA Certified Lead Risk Assessor
Certification No. PB-0429

Date: December 3, 2013

2.0 EXECUTIVE SUMMARY

Kimura International, Inc. (KI) has completed a Limited Hazardous Materials Survey for the AliiAIMoku Hale in Honolulu, on the island of Oahu. The purpose of this survey was to determine if hazardous materials such as asbestos and lead paint are present in the areas of the facility that will be directly affected by upcoming repairs, mainly consisting of the replacement of the current fire alarm system and air handling units for the facility.

On November 18, 2013, KI personnel collected 54 samples of suspect asbestos containing building materials from various locations throughout the AliiAIMoku Hale, specifically for this project. In addition, on April 10, 2013, KI had previously collected 30 samples of suspect asbestos containing building materials from various areas on the first floor of the facility for a project associated with the upcoming installation of an emergency generator. The results of the April 10th sampling event are included in this report, as several suspect asbestos containing building materials are affected by both projects. The United States Environmental Protection Agency (EPA), under the National Emission Standards for Hazardous Air Pollutants (NESHAP), requires that all asbestos containing building materials be identified prior to any renovation or demolition work. Under these standards, the proper sampling of suspect asbestos containing building material is described by the Asbestos Hazard Emergency Response Act (AHERA). All samples were collected according to these procedures. The National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR 61) definition of an asbestos containing material is any material containing more than 1% asbestos. **According to the laboratory results, 3 of the 84 samples were identified as asbestos containing materials. These were of the following materials:**

- **Joint compound on the 5th and 6th floors**

Also on November 18, 2013, KI personnel collected 15 paint samples from various painted surfaces for lead analysis. In addition, on April 10, 2013, KI personnel collected 5 paint samples in for the emergency generator installation project. The surveys were conducted according to United States Environmental Protection Agency (EPA) and United States Department of Housing and Urban Development (HUD) guidelines and recommendations. The EPA and HUD define lead-based paint as any material containing greater than or equal to 0.5% lead (Pb) by weight or 5,000 milligrams/kilogram (mg/kg) or parts per million (ppm). As part of EPA's ongoing efforts to protect children from lead poisoning, the agency has also set a standard to identify dangerous levels of lead in paint, dust and soil. To prevent exposure, EPA and HUD require hazard controls if lead-based paint is 1) deteriorated; 2) located on any friction or impact surfaces; and/or 3) present on any surfaces accessible for mouthing or chewing by children. Based on these guidelines and the sampling laboratory report, **none of the 20 samples collected was identified as lead-based paint (LBP).**

The United States Occupational Safety and Health Administration (OSHA) and State of Hawaii Occupational Safety and Health (HIOSH) define paint or other coatings containing any amount of lead as lead-containing paint. When lead-containing paint is encountered during renovation or demolition, OSHA and HIOSH requirements apply, and any work should be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1. The paint samples for which accredited laboratory analysis (flame atomic absorption spectrometry) identifies the presence of lead at or

above the analytical limit of detection is considered lead-containing paint. If the lead is not detected at or above the analytical limit of detection, the paint sample may be considered non-lead containing paint. Based on these guidelines and the sampling analytical laboratory report, **eight of the samples were identified as lead-containing paint (LCP). LCP was found in the following locations:**

- **Beige interior paint on the walls of the Data Center and Data Center Administration offices**
- **Beige paint on the exterior walls of the AliiAIMOKU Hale**
- **Beige paint on the interior walls of the 3rd floor**
- **White paint on the interior walls of the 4th floor**
- **White paint on the interior walls of the 5th floor**
- **Beige paint on the interior of the mechanical room (7th floor)**
- **Beige CMU paint on the walls of the 6th floor**
- **Tan CMU paint on the interior walls of the 6th floor**

RECOMMENDATIONS

Asbestos Containing Materials

KI recommends the following remedial actions for the **asbestos containing joint compound** found at AliiAIMOKU Hale:

All of the joint compound identified was in good condition at the time of the survey, and at present poses no immediate health threat. However, any disturbances of the joint compound, such as cutting, abrading or drilling into the material may release asbestos fibers into the air. KI would recommend avoiding such actions if fire alarm components are to be mounted onto drywall.

However, if such activities are un-avoidable, the joint compound containing drywall must be removed and disposed of by a qualified asbestos abatement contractor. In addition, the services of a qualified consultant should be obtained to monitor and inspect the removal activities to ensure compliance with applicable EPA, OSHA, and HIOSH regulations pertaining to the handling of asbestos containing material. Environmental specifications should be drawn up prior to the abatement work onsite. These specifications will address proper work techniques in dealing with asbestos containing materials and will also address handling and disposal of asbestos contaminated items.

Lead

The Occupational Safety and Health Administration (OSHA) and Hawaii Occupational Safety and Health Division (HIOSH) define paint or other coatings containing any amount of lead as lead-containing paint. When lead-containing paint is encountered during renovation or demolition, OSHA and HIOSH requirements apply, and any work should be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1. **Again, this survey found 8 of the paint chip samples contained lead (Table 3).**

The lead-containing paint in its present location and condition at the time of the survey, does not pose a significant health threat. However, if any future renovation and/or demolition activities

are likely to disturb the LCP in such a way as to create airborne lead dust (e.g., sanding, grinding, cutting, drilling, etc.), such lead-containing paint must first be removed from the surfaces by a qualified lead abatement contractor. Environmental specifications should be drawn up prior to abatement work onsite. These specifications will address proper work techniques in dealing with affected areas and will also address handling and disposal of lead contaminated items. In addition, the services of a qualified consultant should also be obtained to monitor and inspect the removal activities to ensure compliance with applicable EPA, OSHA, and HIOSH regulations pertaining to the handling of lead. If any renovation work will disturb the lead paint surfaces, the owner must notify its workers or contractors of the presence of lead in the paints.

The OSHA and HIOSH lead standard requirements may need to be applied when paint containing lead is encountered during renovation or demolition activities. Specifically, such activities may need to be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1.

Some of the components of 29 CFR 1926.62 and HIOSH 12-148.1 are:

- Exposure assessment via personal air monitoring
- Lead awareness training
- Medical surveillance
- Hazard communication
- Respiratory protection
- Personal protective clothing and equipment

Generally, representative core samples of the material with lead-containing paint must be collected prior to disposal and analyzed via the Toxicity Characteristic Leaching Procedure (TCLP) to determine if the building components meet the definition of a Resource Conservation and Recovery Act (RCRA) regulated hazardous waste per 40 CFR §261. If the laboratory analytical result is less than 5 mg/L for lead, the building components may be disposed of as general construction debris. If the laboratory analytical result exceeds 5 mg/L for lead: 1) the entire painted component must be disposed of as a RCRA-regulated hazardous waste; or 2) the LCP must be removed prior to disposal activities and only the removed paint chips must be disposed of as a RCRA-regulated hazardous waste.

3.0 INTRODUCTION

Kimura International, Inc. (KI) is pleased to submit this report documenting the Limited Hazardous Materials Survey for the AliiAIMoku Hale, located in Honolulu, Hawaii.

3.1 BACKGROUND

KI was contracted by Ronald N.S. Ho and Associates to conduct a limited hazardous materials survey on various areas of the AliiAIMoku Hale as a prerequisite to the installation of a new fire alarm system and various upgrades. The following suspect asbestos containing materials that will be disturbed during the project were identified and sampled:

- Concrete paint and washes on interior and exterior walls
- Drywall and joint compound
- Acoustic ceiling and wall tile
- Concrete Masonry Unit (CMU) paint and washes
- Texture on exterior walls

All paints were suspected to contain lead.

Specific sampling locations are shown in Figures 1 through 6 in Appendix I.

This report includes samples from a Kimura International survey conducted on April 10, 2013 and documented in *Limited Asbestos and Lead Survey, AliiAIMoku Hale, Emergency Generator Installation*, dated April 23, 2013.

3.2 SCOPE OF WORK

Specifically, KI performed the following scope of work:

- Performed site surveys on April 10, 2013 and November 18, 2013, where the following took place:
 - Collected a total of 84 bulk samples from suspect asbestos containing building materials in accordance with Environmental Protection Agency (EPA) guidelines and submitted each sample to an accredited laboratory for analysis by polarized light microscopy to determine asbestos type and content.
 - Collected 20 paint samples from interior and exterior surfaces in accordance with EPA/Housing and Urban Development (HUD) guidelines and submitted each sample to an accredited laboratory for analysis by flame atomic absorption spectrometry for lead content.
- Provided this report detailing our methodologies, findings, sample locations and appropriate recommendations based upon those findings.

4.0 METHODOLOGY

4.1 ASBESTOS

KI collected 84 samples of suspect building material for asbestos analysis. All samples were collected in accordance with EPA guidelines and recommendations.

Each suspect asbestos containing material was first wet with moist wipes or water. A small piece was then carefully cut out or scraped and placed in a labeled re-sealable plastic bag. The sampling equipment was cleaned between each sample collection to avoid cross-contamination between samples. The location, color and condition of each suspect asbestos-containing material were noted in a field notebook on site.

All samples were properly logged and recorded following strict chain of custody procedures and submitted to EMC Labs, Inc. (EMC) in Phoenix, Arizona for analysis by polarized light microscopy in accordance with EPA Method 600/M4-82-020 and/or Method 600/R-93-116. EMC is accredited for bulk asbestos analysis through successful participation in the National Voluntary Lab Accreditation Program (NVLAP) and by the State of Hawaii, Department of Health.

4.2 LEAD-BASED AND LEAD-CONTAINING PAINT

A total of 20 paint samples were collected from various interior and exterior painted surfaces. All work was performed in accordance with EPA and HUD guidelines.

Paint chips were cut out or scraped off, down to the underlying substrate, and carefully placed in a labeled re-sealable plastic bag for delivery to the laboratory. The sampling equipment was cleaned between each sample collection to avoid cross-contamination. The location, condition and condition of each paint chip sample were recorded in a field notebook on site at the time of sampling.

All samples were properly logged and recorded following strict chain of custody procedures and submitted to EMC Labs, Inc., (EMC) in Phoenix, Arizona for analysis by flame atomic absorption spectrometry in accordance with EPA Method 7082. EMC is accredited for lead sample analysis through successful participation in the National Lead Laboratory Accreditation Program (NLLAP)

5.0 RESULTS

5.1 ASBESTOS

Based on the polarizing light microscopy (PLM) laboratory analysis (EPA Method 600/M4-82-020), **3 of the 84 samples collected showed >1% asbestos content.** The analytical results from all the samples are summarized by building in the following table. Sample locations are provided in Figure 1 in Appendix I. The detailed laboratory report is included as Appendix III.

5.1.1 Asbestos Results

Table 1. Asbestos Bulk Sample Results at the AliiAIMoku Hale First Floor, Sample Date: April 10, 2013

Homogeneous Surface	Sample Name	Sample Description	Asbestos Content and Type	Friability
Interior Beige Concrete Paint	410-FA01	Beige concrete paint and wash	NO ACM	--
	410-FA02	Beige concrete paint and wash	NO ACM	--
	410-FA03	Beige concrete paint and wash	NO ACM	--
Interior White Concrete Paint and Wash	410-FA04	White concrete paint and wash	NO ACM	--
	410-FA05	White concrete paint and wash	NO ACM	--
	410-FA06	White concrete paint and wash	NO ACM	--
Drywall and Joint Compound in Mauka Offices	410-FA07	Layer 1: Drywall	NO ACM	--
	410-FA08	Layer 2: Joint compound	NO ACM	--
		Layer 1: Drywall	NO ACM	--
	410-FA09	Layer 2: Joint compound	NO ACM	--
		Layer 1: Drywall	NO ACM	--
	410-FA10	Layer 2: Joint compound	NO ACM	--
Drywall and Joint Compound in Makai Offices	410-FA11	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
	410-FA12	Layer 1: Drywall	NO ACM	--
White Acoustic Ceiling Tile	410-FA13	White acoustic ceiling tile	NO ACM	--
	410-FA14	White acoustic ceiling tile	NO ACM	--
	410-FA15	White acoustic ceiling tile	NO ACM	--
White Acoustic Wall Tile	410-FA16	White acoustic wall tile	NO ACM	--
	410-FA17	White acoustic wall tile	NO ACM	--
	410-FA18	White acoustic wall tile	NO ACM	--

Table 1. cont. Asbestos Bulk Sample Results at the Aliiimoku Hale, Sample Date: April 10, 2013

Homogeneous Surface	Sample Name	Sample Description	Asbestos Content and Type	Friability
Beige Interior Concrete Paint and Wash	410-FA19	Beige interior concrete paint and wash	NO ACM	--
	410-FA20	Beige interior concrete paint and wash	NO ACM	--
	410-FA21	Beige interior concrete paint and wash	NO ACM	--
White Exterior Concrete Paint and Wash	410-FA22	White exterior CMU paint and wash	NO ACM	--
	410-FA23	White exterior CMU paint and wash	NO ACM	--
	410-FA24	White exterior CMU paint and wash	NO ACM	--
Beige Exterior Concrete Paint and Wash	410-FA25	Beige exterior concrete paint and wash	NO ACM	--
	410-FA26	Beige exterior concrete paint and wash	NO ACM	--
	410-FA27	Beige exterior concrete paint and wash	NO ACM	--
Exterior Texture and Paint	410-FA28	Exterior wall texture and paint	NO ACM	--
	410-FA29	Exterior wall texture and paint	NO ACM	--
	410-FA30	Exterior wall texture and paint	NO ACM	--

Bold italics indicate asbestos containing materials

Table 2. Asbestos Bulk Sample Results at the Aliiimoku Hale, Sample Date: November 18, 2013

Homogeneous Surface	Sample Name	Sample Description	Asbestos Content and Type	Friability
1st Floor Electrical Room Rough Off-white Paint	1118-FA01	Rough off-white paint	NO ACM	--
	1118-FA02	Rough off-white paint	NO ACM	--
	1118-FA03	Rough off-white paint	NO ACM	--
1st Floor Vestibule Pink CMU Paint	1118-FA04	Pink CMU paint	NO ACM	--
	1118-FA05	Pink CMU paint	NO ACM	--
	1118-FA06	Pink CMU paint	NO ACM	--
1st Floor Drywall and Joint Compound	1118-FA07	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
	1118-FA08	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
		Layer 3: Texture	NO ACM	--
	1118-FA09	Layer 1: Drywall	NO ACM	--
1st Floor Janitor's Closet	1118-FA10	Layer 2: Joint compound	NO ACM	--
		Beige CMU paint	NO ACM	--
	1118-FA11	Beige CMU paint	NO ACM	--
	1118-FA12	Beige CMU paint	NO ACM	--
2nd Floor AC Room Textured Beige Paint	1118-BA01	Beige textured CMU paint	NO ACM	--
	1118-BA02	Beige textured CMU paint	NO ACM	--
	1118-BA03	Beige textured CMU paint	NO ACM	--
2nd Floor White Textured Paint	1118-BA04	White textured paint	NO ACM	--
	1118-BA05	Layer 1: White textured paint	NO ACM	--
		Layer 2: White wall plaster	NO ACM	--
	1118-BA06	Layer 1: White textured paint	NO ACM	--
		Layer 2: White wall plaster	NO ACM	--

Table 3. cont. Asbestos Bulk Sample Results at the AliiAIMoku Hale, Sample Date: November 18, 2013

Homogeneous Surface	Sample Name	Sample Description	Asbestos Content and Type	Friability
2nd Floor White Cement Paint	1118-FA13	White cement paint	NO ACM	--
	1118-FA14	White cement paint	NO ACM	--
	1118-FA15	White cement paint	NO ACM	--
2nd Floor Coffee and Fiscal Records Room Acoustic Wall Tile	1118-FA16	Acoustic wall tile	NO ACM	--
	1118-FA17	Acoustic wall tile	NO ACM	--
	1118-FA18	Acoustic wall tile	NO ACM	--
2nd Floor Beige Cement Paint	1118-FA19	Beige cement paint	NO ACM	--
	1118-FA20	Beige cement paint	NO ACM	--
	1118-FA21	Beige cement paint	NO ACM	--
2nd Floor Drywall and Joint Compound	1118-FA22	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
	1118-FA23	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
	1118-FA24	Layer 1: Drywall	NO ACM	--
3rd Floor AC Room and Stairwell Textured Beige Paint	1118-BA07	Layer 2: Joint compound	NO ACM	--
		Textured beige paint	NO ACM	--
	1118-BA08	Textured beige paint	NO ACM	--
3rd Floor White Cement Paint	1118-BA09	Textured beige paint	NO ACM	--
	1118-FA25	White cement paint	NO ACM	--
	1118-FA26	White cement paint	NO ACM	--
	1118-FA27	White cement paint	NO ACM	--
	1118-FA28	Layer 1: Drywall	NO ACM	--
3rd Floor Drywall and Joint Compound	1118-FA29	Layer 2: Joint compound	NO ACM	--
		Layer 1: Drywall	NO ACM	--
	1118-FA30	Layer 2: Joint compound	NO ACM	--
		Layer 1: Drywall	NO ACM	--
	1118-FA30	Layer 2: Joint compound	NO ACM	--

LIMITED ASBESTOS AND LEAD-CONTAINING PAINT SURVEY

ALIIAIMOKU HALE

DAGS JOB No.: 22-14-7505

DAGS Job No. 22-29-7516

23-APR-13

PAGE 11

Addendum No. 2

Limited Hazardous Materials Survey

Attachment B

r 9/28/2026

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Table 4. cont. Asbestos Bulk Sample Results at the Aliiimoku Hale, Sample Date: November 18, 2013

Homogeneous Surface	Sample Name	Sample Description	Asbestos Content and Type	Friability
4th Floor AC Room and Stairwell Textured Beige Paint	1118-BA10	Textured beige paint	NO ACM	--
	1118-BA11	Textured beige paint	NO ACM	--
	1118-BA12	Textured beige paint	NO ACM	--
4th Floor White Cement Paint	1118-FA31	White cement paint	NO ACM	--
	1118-FA32	White cement paint	NO ACM	--
	1118-FA33	White cement paint	NO ACM	--
4th Floor Drywall and Joint Compound	1118-FA34	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
	1118-FA35	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
		Layer 3: Texture	NO ACM	--
	1118-FA36	Layer 1: Drywall	NO ACM	--
Layer 2: Joint compound		NO ACM	--	
5th Floor AC Room and Stairwell Textured Beige Paint	1118-BA13	Textured beige paint	NO ACM	--
	1118-BA14	Textured beige paint	NO ACM	--
	1118-BA15	Textured beige paint	NO ACM	--
5th Floor White Textured Paint and Plaster	1118-BA16	Layer 1: White textured paint	NO ACM	--
		Layer 2: Tan plaster	NO ACM	--
	1118-BA17	Layer 1: White textured paint	NO ACM	--
		Layer 2: Tan plaster	NO ACM	--
	1118-BA18	Layer 1: White textured paint	NO ACM	--
		Layer 2: Tan plaster	NO ACM	--
5th Floor White Cement Paint	1118-FA37	White cement paint	NO ACM	--
	1118-FA38	White cement paint	NO ACM	--
	1118-FA39	White cement paint	NO ACM	--

Table 5. cont. Asbestos Bulk Sample Results at the AliiAIMoku Hale, Sample Date: November 18, 2013

Homogeneous Surface	Sample Name	Sample Description	Asbestos Content and Type	Friability
5th Floor Beige Cement Paint	1118-FA40	Beige cement paint	NO ACM	--
	1118-FA41	Beige cement paint	NO ACM	--
	1118-FA42	Beige cement paint	NO ACM	--
5th Floor Drywall and Joint Compound	1118-FA43	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	3% chrysotile	f
	1118-FA44	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--
	1118-FA45	Layer 1: Drywall	NO ACM	--
Mechanical Room Beige Cement Paint		Layer 2: Joint compound	NO ACM	--
	1118-FA46	Beige cement paint	NO ACM	--
	1118-FA47	Beige cement paint	NO ACM	--
	1118-FA48	Beige cement paint	NO ACM	--
6th Floor Beige CMU Paint	1118-BA19	Beige CMU paint	NO ACM	--
	1118-BA20	Beige CMU paint	NO ACM	--
	1118-BA21	Beige CMU paint	NO ACM	--
6th Floor Textured Beige Paint	1118-BA22	Textured beige paint	NO ACM	--
	1118-BA23	Textured beige paint	NO ACM	--
	1118-BA24	Textured beige paint	NO ACM	--
6th Floor Tan CMU Paint	1118-FA49	Tan CMU paint	NO ACM	--
	1118-FA50	Tan CMU paint	NO ACM	--
	1118-FA51	Tan CMU paint	NO ACM	--
6th Floor Drywall and Joint Compound	1118-FA52	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	4% chrysotile	f
	1118-FA53	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	4% chrysotile	f
	1118-FA54	Layer 1: Drywall	NO ACM	--
		Layer 2: Joint compound	NO ACM	--

5.2 LEAD

The United States Environmental Protection Agency (EPA) and the United States Housing for Urban Development (HUD) define lead-based paint as paint or other coatings containing lead in concentrations equal to or in excess of 0.5% weight or 5,000 mg/kg (ppm). Paint containing lead in *any* concentration is categorized by OSHA and HIOSH as lead-containing paint.

Based on these guidelines and the laboratory analysis by EPA SW-846 Method 7420, **none of the samples was identified as lead-based paint**. Of the 20 paint samples analyzed; **8 contained measurable concentrations of lead and are therefore considered lead-containing paint**.

The analytical reports from all of the samples are presented in Table 3. The detailed laboratory reports are included as Appendix IV.

Table 6. Lead Containing Paint Sample Results, AliiAIMoku Hale, Sample Date: April 10, 2013

Sample Name	Sample Location	Reporting Limit (% Pb by weight)	Pb (% Pb by weight)
410-FL01	1 st Floor, Beige interior paint in the A/C Room	0.026	BRL
410-FL02	1 st Floor, White interior paint in the Mauka Offices	0.022	BRL
410-FL03	1st Floor, Beige interior paint in the Data Center and Data Center Administration Offices	0.029	0.126
410-FL04	1 st Floor, White exterior CMU paint	0.012	BRL
410-FL05	1st Floor, Beige exterior concrete paint	0.010	0.079
1118-FL01	1 st Floor, Rough Beige Paint	0.019	BRL
1118-FL02	1 st Floor, Pink/Brown Vestibule Paint	0.014	BRL
1118-FL03	2 nd Floor, White Paint	0.028	BRL
1118-BL01	2 nd Floor, Rough Beige Paint	0.016	BRL
1118-BL02	3rd Floor, Beige Paint	0.028	0.035
1118-FL04	3 rd Floor, White Cement Paint	0.024	BRL
1118-BL03	4 th Floor, Beige Paint	0.040	BRL
1118-FL05	4th Floor, White Paint	0.024	0.047
1118-BL04	5 th Floor, Rough Beige Paint	0.030	BRL
1118-FL06	5th Floor, White Paint	0.023	0.062
1118-FL07	5 th Floor, Beige Paint	0.019	BRL
1118-FL08	Mechanical Room	0.067	0.071
1118-BL05	6th Floor, Beige CMU Paint	0.025	0.054
1118-BL06	6 th Floor, Textured Beige Paint	0.010	BRL
1118-FL09	6th Floor, Tan CMU Pain	0.022	0.072

Bold indicates lead containing paint

6.0 DISCUSSION AND RECOMMENDATIONS

6.1 ASBESTOS

KI recommends the following remedial actions for the **asbestos containing joint compound** found at AliiAIMoku Hale:

All of the joint compound identified was in good condition at the time of the survey, and at present poses no immediate health threat. However, any disturbances of the joint compound, such as cutting, abrading or drilling into the material may release asbestos fibers into the air. KI would recommend avoiding such actions if fire alarm components are to be mounted onto drywall.

However, if such activities are un-avoidable, the joint compound containing drywall must be removed and disposed of by a qualified asbestos abatement contractor. In addition, the services of a qualified consultant should be obtained to monitor and inspect the removal activities to ensure compliance with applicable EPA, OSHA, and HIOSH regulations pertaining to the handling of asbestos containing material. Environmental specifications should be drawn up prior to the abatement work onsite. These specifications will address proper work techniques in dealing with asbestos containing materials and will also address handling and disposal of asbestos contaminated items.

6.2 LEAD

The Occupational Safety and Health Administration (OSHA) and Hawaii Occupational Safety and Health Division (HIOSH) define paint or other coatings containing any amount of lead as lead-containing paint. When lead-containing paint is encountered during renovation or demolition, OSHA and HIOSH requirements apply, and any work should be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1. **Again, this survey found that 8 of the paint chip samples contained lead (Table 3).**

The lead-containing paint in its present location and condition at the time of the survey, does not pose a significant health threat. However, if any future renovation and/or demolition activities are likely to disturb the LCP in such a way as to create airborne lead dust (e.g., sanding, grinding, cutting, drilling, etc.), such lead-containing paint must first be removed from the surfaces by a qualified lead abatement contractor. Environmental specifications should be drawn up prior to abatement work onsite. These specifications will address proper work techniques in dealing with affected areas and will also address handling and disposal of lead contaminated items. In addition, the services of a qualified consultant should also be obtained to monitor and inspect the removal activities to ensure compliance with applicable EPA, OSHA, and HIOSH regulations pertaining to the handling of lead. If any renovation work will disturb the lead paint surfaces, the owner must notify its workers or contractors of the presence of lead in the paints.

The OSHA and HIOSH lead standard requirements may need to be applied when paint containing lead is encountered during renovation or demolition activities. Specifically, such activities may need to be performed in compliance with 29 CFR 1926.62 and HIOSH 12-148.1.

Some of the components of 29 CFR 1926.62 and HIOSH 12-148.1 are:

- Exposure assessment via personal air monitoring
- Lead awareness training
- Medical surveillance
- Hazard communication
- Respiratory protection
- Personal protective clothing and equipment

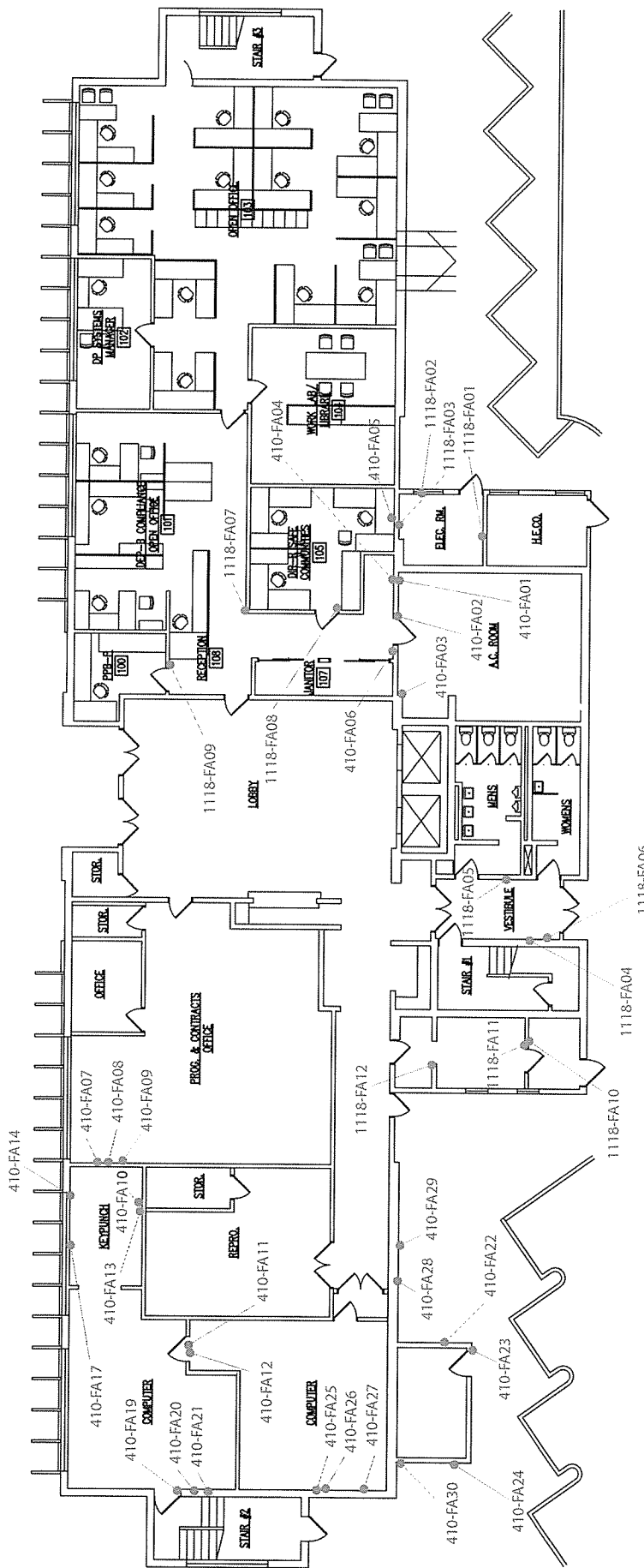
Generally, representative core samples of the material with lead-containing paint must be collected prior to disposal and analyzed via the Toxicity Characteristic Leaching Procedure (TCLP) to determine if the building components meet the definition of a Resource Conservation and Recovery Act (RCRA) regulated hazardous waste per 40 CFR §261. If the laboratory analytical result is less than 5 mg/L for lead, the building components may be disposed of as general construction debris. If the laboratory analytical result exceeds 5 mg/L for lead: 1) the entire painted component must be disposed of as a RCRA-regulated hazardous waste; or 2) the LCP must be removed prior to disposal activities and only the removed paint chips must be disposed of as a RCRA-regulated hazardous waste.

7.0 REFERENCES

- Code of Federal Regulations. Occupational Safety and Health Standards. Title 29, Part 1910 (1910.1000 TO END). Washington DC. US Government Printing Office, 1918
- Code of Federal Regulations. Occupational Safety and Health Standards. Title 29, Part 1926.62. Washington DC. US Government Printing Office, 1986.
- Code of Federal Regulations. Asbestos Hazards Emergency Response Act (AHERA), Asbestos Regulations. Title 40, Part 763. Washington DC. US Government Printing Office, 1986.
- Code of Federal Regulations. National Emission Standard for Hazardous Air Pollutants (NESHAP), Asbestos Regulations. Title 40, Part 61, Subpart M. Washington DC. US Government Printing Office, July 1991.

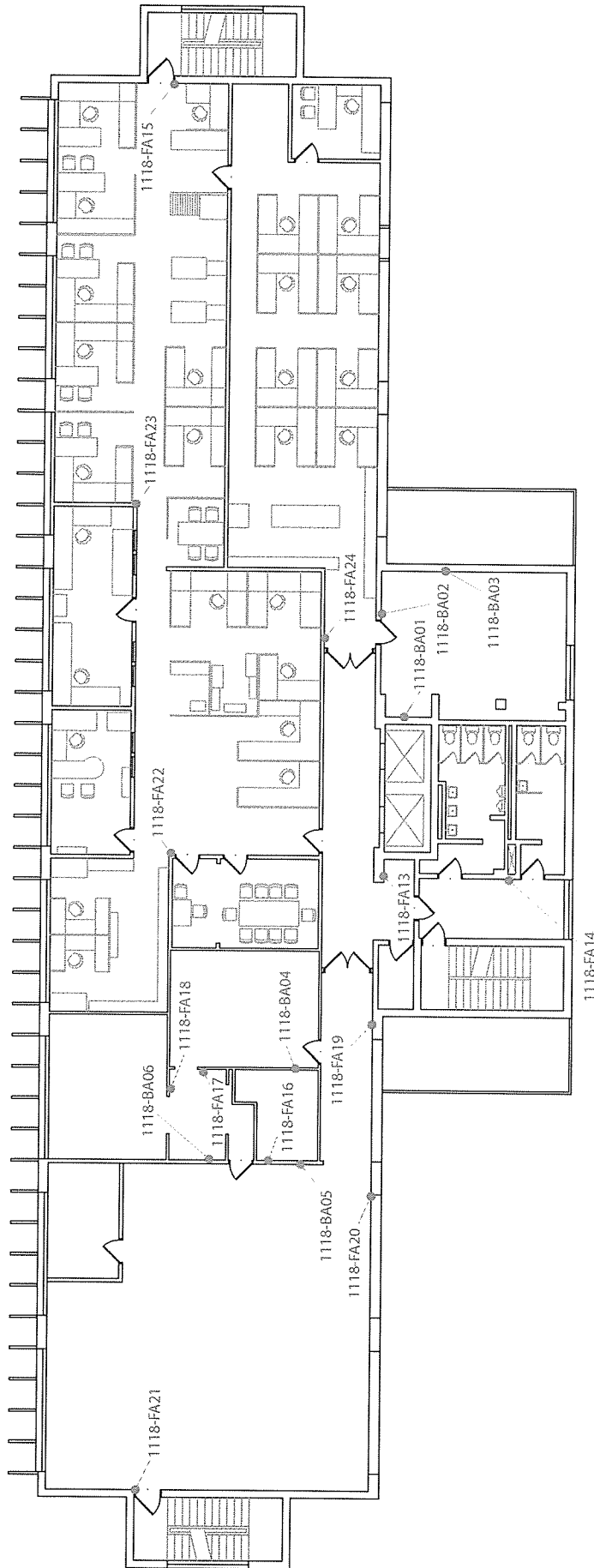
Appendix I

SAMPLE LOCATION DIAGRAMS



Asbestos containing bulk samples		Non-Asbestos containing bulk samples		Non-lead containing composite paint samples	
None	Lead containing composite paint samples	410-FA01-03:	Beige concrete paint and coating	410-FL01	Beige interior paint in A/C Room
	410-FL03:	410-FA04-06:	White concrete paint and coating	410-FL02:	White interior paint throughout
	Beige interior paint in Data Center/Computer Rooms	410-FA07-09:	Drywall and joint compound	410-FL04:	White exterior CMU paint throughout
	0.126%	410-FA10-12:	Drywall and joint compound	1118-FL01:	Rough beige paint in electrical room
410-FL05	Beige exterior concrete paint	410-FA13-15:	Acoustic ceiling tile	1118-FL02:	Pink/brown paint in vestibule
	0.079%	410-FA16-18:	Acoustic wall tile		
		410-FA19-21:	Beige interior concrete paint and coating		
		1118-FA01-03:	Rough beige paint		
		1118-FA04-06:	Pink/brown cement paint		
		1118-FA07-09:	Drywall and joint compound		
		1118-FA10-12:	Beige CMU paint		





Asbestos containing bulk samples

None

Lead containing composite paint samples

None

Non-Asbestos containing bulk samples

- 1118-BA01-03: Textured beige paint
- 1118-BA04-06: Textured white paint and wall
- 1118-FA13-15: White cement paint
- 1118-FA16-18: Acoustic wall tile
- 1118-FA19-21: Smooth beige paint
- 1118-FA22-24: Drywall and joint compound

Non-lead containing composite paint samples

- 1118-FL03: White interior paint throughout
- 1118-BL01: Beige paint throughout

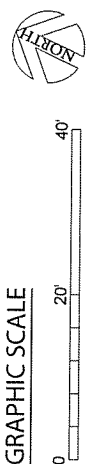
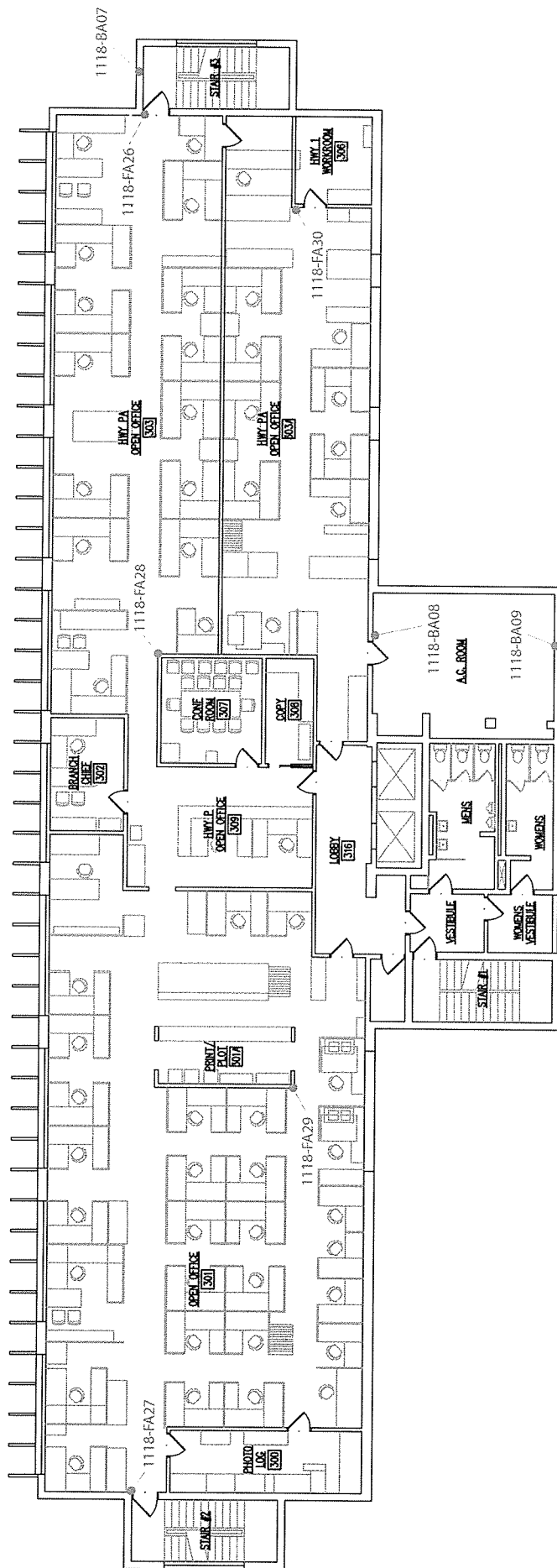


Figure 2
Aliiimoku Hale, Second Floor
Sample Locations
Honolulu, Hawaii
 Hazardous Materials Survey
 ARCHITECTURAL DIAGRAM SOURCE: RNSHA



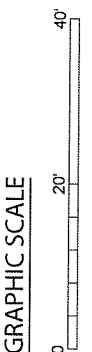
Asbestos containing bulk samples
None
Lead containing composite paint samples
1118-BL03: Beige paint throughout 0.035%

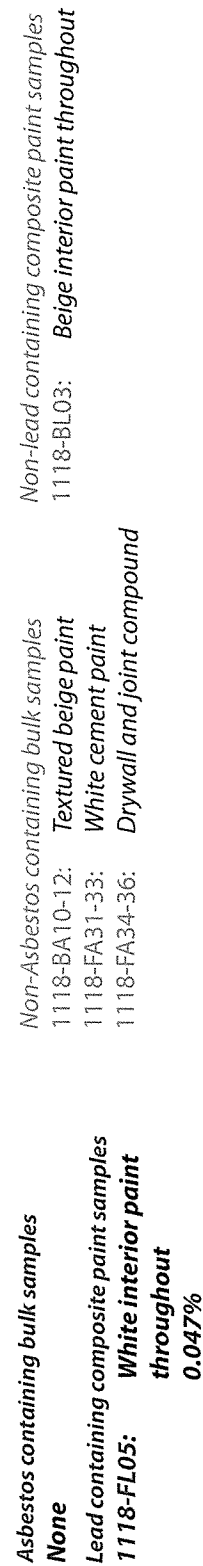
Non-Asbestos containing bulk samples
 1118-BA07-09: Textured beige paint
 1118-FA25-27: White cement paint
 1118-FA28-30: Drywall and joint compound

Non-lead containing composite paint samples
 1118-FL04: White interior paint throughout



Figure 3
Aliiimoku Hale, Third Floor
Sample Locations
Honolulu, Hawaii
 Hazardous Materials Survey
 ARCHITECTURAL DIAGRAM SOURCE: RNSHA



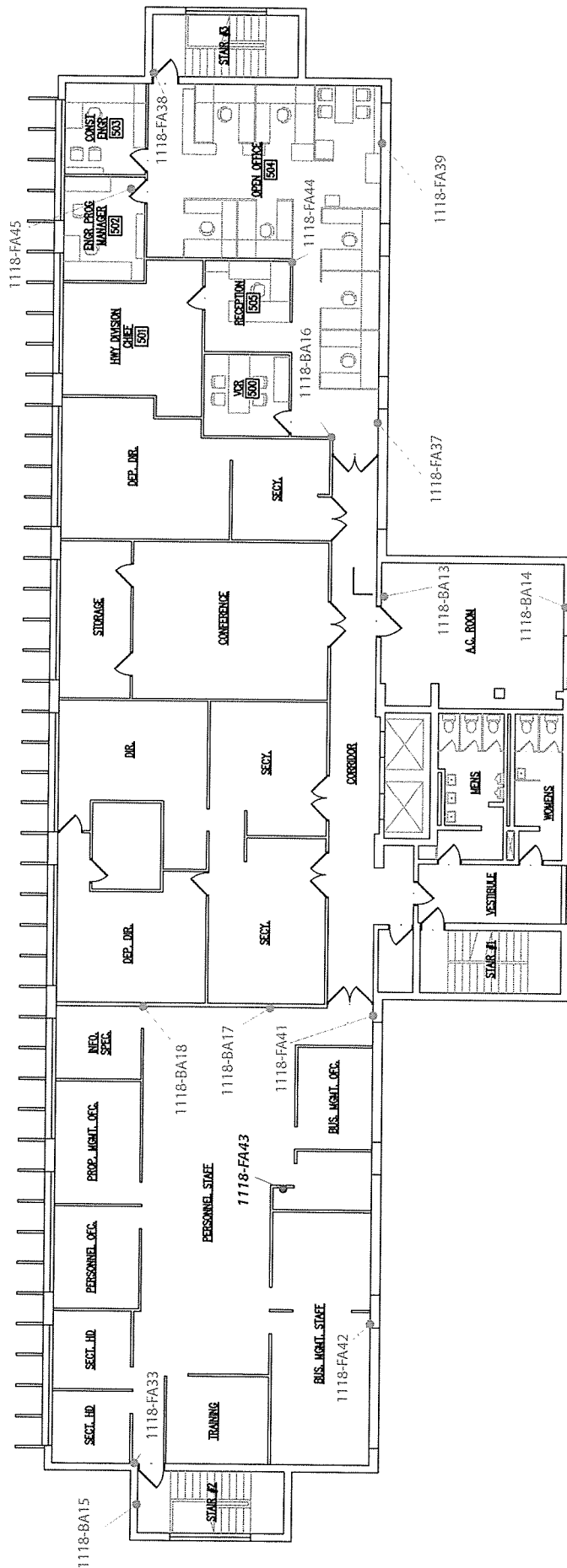


GRAPHIC SCALE

A horizontal scale bar with tick marks at 0, 20', and 40'.



Figure 5
Aliiimoku Hale, Fifth Floor
Sample Locations
 Honolulu, Hawaii
 Hazardous Materials Survey
 ARCHITECTURAL DIAGRAM SOURCE: RNSHA



Asbestos containing bulk samples

1118-FA43 Joint compound

3% friable, chrysotile

Lead containing composite paint samples

1118-FL05: White interior paint

on the mauka side

0.062%

Non-Asbestos containing bulk samples

1118-BA13-15: Textured beige paint

1118-BA16-18: Textured paint and gypsum wall

1118-FA37-39: White cement paint

1118-FA40-42: Beige cement paint

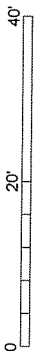
1118-FA44-45: Drywall and joint compound

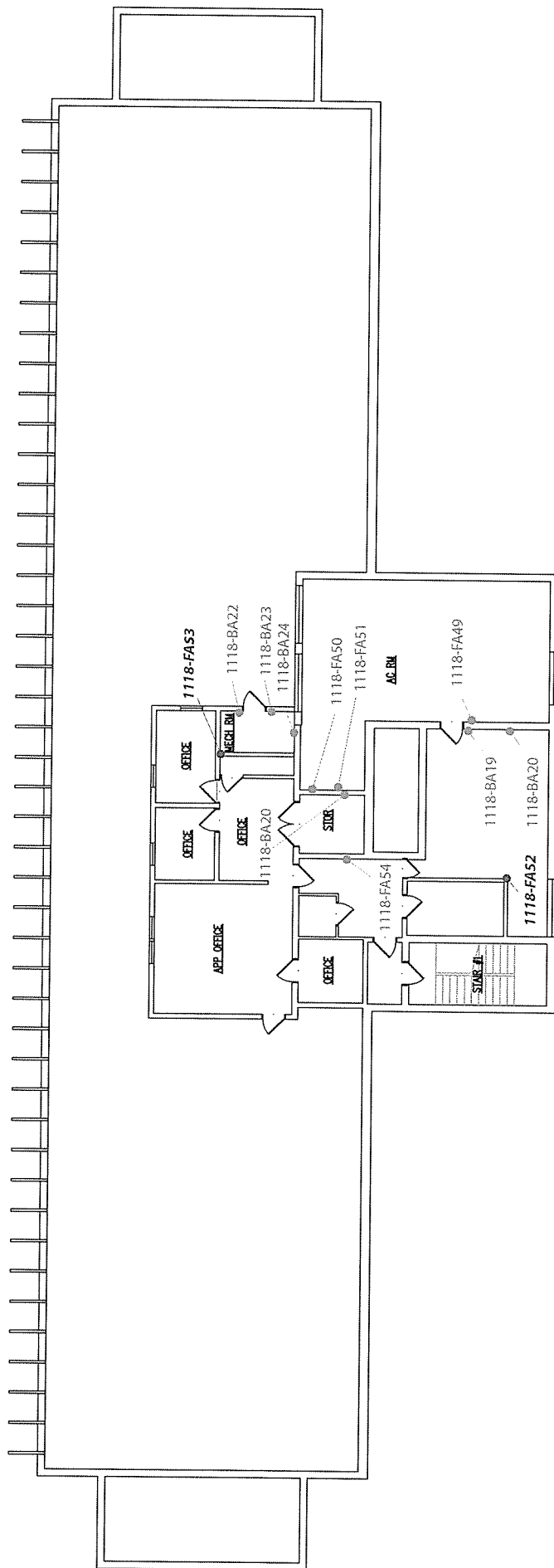
Non-lead containing composite paint samples

1118-BL04: Rough beige paint in the AC Room and stairwells

1118-FL07: Beige paint on the makai side of the 5th floor

GRAPHIC SCALE





Asbestos containing bulk samples
1118-FA52, 53 Joint compound

4% friable, chrysotile

Lead containing composite paint samples

1118-BL08: Beige cement paint

in 7th floor elevator room

0.071%

1118-BL05: Beige CMU paint throughout

0.054%

1118-FL09: Tan CMU paint throughout

0.072%

Non-Asbestos containing bulk samples

1118-BA19-21: Beige CMU paint

1118-BA22-24: Textured beige paint

1118-FA49-51: Tan CMU paint

1118-FA54: Drywall and joint compound

Non-lead containing composite paint samples

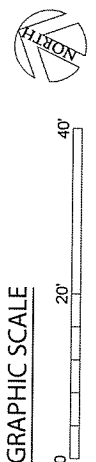
1118-BL06: Rough beige paint in the mechanical room

Non-Asbestos containing bulk samples in 7th Floor Elevator Room

1118-FA46-48 Beige cement paint



Figure 6
Aliiimoku Hale, Sixth Floor
Sample Locations
Honolulu, Hawaii
 Hazardous Materials Survey
 ARCHITECTURAL DIAGRAM SOURCE: RNSHA



Appendix II

LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY

ASBESTOS

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0125190

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130302
Address:	1600 KAPIOLANI BLVD, STE 1610	Date Received:	04/12/2013
	HONOLULU HI 96814	Date Analyzed:	04/17/2013
Collected:	04/10/2013	Date Reported:	04/17/2013
Project Name:	ALIAIMOKU HALE	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	FLETCHER KIMURA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0125190-001 410-FA01	A/C RM	Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-002 410-FA02	A/C RM	Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-003 410-FA03	A/C RM	Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-004 410-FA04	MAUKA OFFICES	Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-005 410-FA05	MAUKA OFFICES	Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-006 410-FA06	MAUKA OFFICES	Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
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Laboratory Report

0125190

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	HONOLULU HI 96814	Date Analyzed:	04/17/2013
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Project Name:	ALIIMOKU HALE	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	FLETCHER KIMURA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0125190-007 410-FA07	MAKAI OFFICES	LAYER 1 Drywall, White / Tan	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Cellulose Fiber 2% Carbonates Mica Binder/Filler 98%
0125190-008 410-FA08	MAKAI OFFICES	LAYER 1 Drywall, White / Tan	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Gypsum Mica Quartz Binder/Filler 100%
0125190-009 410-FA09	MAKAI OFFICES	LAYER 1 Drywall, White / Tan	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Gypsum Mica Quartz Binder/Filler 100%

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Collected:	04/10/2013	Date Reported:	04/17/2013
Project Name:	ALIIMOKU HALE	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	FLETCHER KIMURA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0125190-010 410-FA10	DATA CENTER	LAYER 1 Drywall, White / Tan	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Cellulose Fiber <1% Carbonates Mica Quartz Binder/Filler 99%
0125190-011 410-FA11	DATA CENTER ADMIN	LAYER 1 Drywall, White / Tan	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Cellulose Fiber 1% Gypsum Mica Quartz Carbonates Binder/Filler 99%
0125190-012 410-FA12	DATA CENTER ADMIN	LAYER 1 Drywall, White / Tan	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Joint Compound, Off White	No	None Detected	Cellulose Fiber 1% Gypsum Mica Quartz Carbonates Binder/Filler 99%
0125190-013 410-FA13	DATA CENTER	Acoustic Ceiling Tile, White/ Gray	No	None Detected	Mineral Wool 60% Cellulose Fiber 20% Carbonates Perlite Binder/Filler 20%

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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130302
Address:	1600 KAPIOLANI BLVD, STE 1610	Date Received:	04/12/2013
	HONOLULU HI 96814	Date Analyzed:	04/17/2013
Collected:	04/10/2013	Date Reported:	04/17/2013
Project Name:	ALIIMOKU HALE	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	FLETCHER KIMURA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0125190-014 410-FA14	DATA CENTER	Acoustic Ceiling Tile, White/ Gray	No	None Detected	Mineral Wool 45% Cellulose Fiber 35% Carbonates Perlite Binder/Filler 20%
0125190-015 410-FA15	DATA CENTER	Acoustic Ceiling Tile, White/ Gray	No	None Detected	Mineral Wool 45% Cellulose Fiber 35% Carbonates Perlite Binder/Filler 20%
0125190-016 410-FA16	DATA CENTER	Acoustic Wall Tile, Off White/Tan	No	None Detected	Cellulose Fiber 90% Carbonates Binder/Filler 10%
0125190-017 410-FA17	DATA CENTER	Acoustic Wall Tile, Off White/Tan	No	None Detected	Cellulose Fiber 90% Carbonates Binder/Filler 10%
0125190-018 410-FA18	DATA CENTER	Acoustic Wall Tile, Off White/Tan	No	None Detected	Cellulose Fiber 90% Carbonates Binder/Filler 10%
0125190-019 410-FA19	DATA CENTER	Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-020 410-FA20	DATA CENTER	Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0125190-021 410-FA21	DATA CENTER	Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%

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Laboratory Report

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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130302
Address:	1600 KAPIOLANI BLVD, STE 1610	Date Received:	04/12/2013
	HONOLULU HI 96814	Date Analyzed:	04/17/2013
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Project Name:	ALIIMOKU HALE	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	FLETCHER KIMURA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0125190-022 410-FA22	EXTERIOR CMU WALL	Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-023 410-FA23	EXTERIOR CMU WALL	Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-024 410-FA24	EXTERIOR CMU WALL	Paint, White	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-025 410-FA25	EXTERIOR MAKAI WALL	Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-026 410-FA26	EXTERIOR MAKAI WALL	Paint, Beige	No	None Detected	Carbonates Quartz Binder/Filler 100%
0125190-027 410-FA27	EXTERIOR MAKAI WALL	Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0125190-028 410-FA28	ANGLED WALLS	Exterior Texture/Paint, Off White/ Gray Note: Sample is mainly Paint - little Texture present	No	None Detected	Cellulose Fiber <1% Carbonates Mica Binder/Filler 99%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

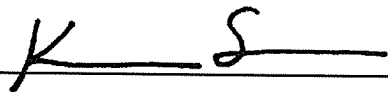
Laboratory Report
0125190

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130302
Address:	1600 KAPIOLANI BLVD, STE 1610	Date Received:	04/12/2013
	HONOLULU HI 96814	Date Analyzed:	04/17/2013
Collected:	04/10/2013	Date Reported:	04/17/2013
Project Name:	ALIIMOKU HALE	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	FLETCHER KIMURA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0125190-029 410-FA29	ANGLED WALLS	Exterior Texture/Paint, Off White/ Gray Note: Sample is mainly Paint - no Texture present	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0125190-030 410-FA30	ANGLED WALLS	Exterior Texture/Paint, Off White/ Gray Note: Sample is mainly Paint - no Texture present	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%



Analyst - Kenneth Scheske



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

CHAIN OF CUSTODY

EMC Labs, Inc.
9830 S. 51st St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 125190
TAT: 2-3 days
Rec'd: APR 12 AM

COMPANY NAME: KIMURA INTERNATIONAL INC.

BILL TO: (If Different Location)

1600 Kapiolani Blvd, #1600

Honolulu, HI 96814

CONTACT: Fletcher Kimura

Phone/Fax: (808) 944-8848 / (808) 941-8999

Email: fkimura@kimurainternational.com

Now Accepting: VISA - MASTERCARD

Price Quoted: \$ ____ / Sample \$ ____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: Aliainoku Hale

P.O. Number: Project Number: 130302

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
1	410-FA01	4/10		Y N			
				Y N			
				Y N			
				Y N			
				Y N			
30	410-FA30			Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print)

(Signature)

Relinquished by: Date/Time: Received by: Diana Federico Date/Time: 4/12/13

Relinquished by: Diana Federico Date/Time: 4/12/13 Received by: Date/Time: 4/12/13

Relinquished by: Date/Time: Received by: Date/Time:

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Sample Date: April 10, 2013

Turn-Around-Time Required: Standard

Analysis: PLM

K1 Job No: 130302

Job Name: Aliiimoku Hale

	Sample ID	Location	Substrate	Color	Description
1	410-FA01	A/C Room	paint	beige	beige interior concrete paint and wash
2	410-FA02	A/C Room	paint	beige	beige interior concrete paint and wash
3	410-FA03	A/C Room	paint	beige	beige interior concrete paint and wash
4	410-FA04	Mauka Offices	paint	white	white interior concrete paint and wash
5	410-FA05	Mauka Offices	paint	white	white interior concrete paint and wash
6	410-FA06	Mauka Offices	paint	white	white interior concrete paint and wash
7	410-FA07	Makai Offices	drywall	white	drywall and joint compound
8	410-FA08	Makai Offices	drywall	white	drywall and joint compound
9	410-FA09	Makai Offices	drywall	white	drywall and joint compound
10	410-FA10	Data Center	drywall	white	drywall and joint compound
11	410-FA11	Data Center Admin	drywall	white	drywall and joint compound
12	410-FA12	Data Center Admin	drywall	white	drywall and joint compound
13	410-FA13	Data Center	ACT	white	acoustic ceiling tile
14	410-FA14	Data Center	ACT	white	acoustic ceiling tile
15	410-FA15	Data Center	ACT	white	acoustic ceiling tile
16	410-FA16	Data Center	AWT	white	acoustic wall tile
17	410-FA17	Data Center	AWT	white	acoustic wall tile
18	410-FA18	Data Center	AWT	white	acoustic wall tile
19	410-FA19	Data Center	paint	beige	beige interior concrete paint and wash
20	410-FA20	Data Center	paint	beige	beige interior concrete paint and wash

Additional Field Notes Sheet: ☐ yes

Sampled By: Fletcher Kimura

Date/Time: April 10, 2013, 11:00-13:30

Relinquished By: *[Signature]*

Date/Time: 4/11/13, 12:45

Received By: *[Signature]*

Date/Time: 4/12/13 930

SPECIAL INSTRUCTIONS:

1600 Kapiolani Blvd., Suite 1610, Honolulu, HI 96814

Phone: (808) 944-8848 Fax: (808) 941-8999

Send Results to: Fletcher Kimura (fkimura@kimurainternational.com)

[illegible]

Additional Field Notes Sheet: _____ yes

Sampled By: Fletcher Kimura

Date/Time: April 10, 2013, 11:00-13:30

Relinquished By: Ally A

Date/Time: 4/11/13, 12:45

Received By: Liana Fedorec

Date/Time: 4/12/13 930

SPECIAL INSTRUCTIONS:

1600 Kapiolani Blvd., Suite 1610, Honolulu, HI 96814

Phone: (808) 944-8848 Fax: (808) 941-8999

Send Results to: Fletcher Kimura (fkimura@kimurainternational.com)

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report

0134445

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130702
Address:	1600 KAPIOLANI BLVD, STE 1610	Date Received:	11/20/2013
	HONOLULU HI 96814	Date Analyzed:	11/27/2013
Collected:	11/18/2013	Date Reported:	11/27/2013
Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UYEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-001 1118-FA01	1ST FL	Rough Paint, Beige/ Off White	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0134445-002 1118-FA02	1ST FL	Rough Paint, Beige/ Off White/ Gray	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0134445-003 1118-FA03	1ST FL	Rough Paint, Beige/ Off White	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Quartz Binder/Filler 99%
0134445-004 1118-FA04	1ST FL VESTIBULE	CMU Paint, Pink	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-005 1118-FA05	1ST FL VESTIBULE	CMU Paint, Pink	No	None Detected	Cellulose Fiber 1% Carbonates Gypsum Binder/Filler 99%
0134445-006 1118-FA06	1ST FL VESTIBULE	CMU Paint, Pink	No	None Detected	Carbonates Gypsum Binder/Filler 100%

EMC LABS, INC.

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Laboratory Report

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-007 1118-FA07	1ST FL MAUKA OFFICES	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Gypsum Mica Carbonates Perlite Binder/Filler 100%
0134445-008 1118-FA08	1ST FL MAUKA OFFICES	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Quartz Perlite Binder/Filler 100%
		LAYER 3 Texture, White	No	None Detected	Carbonates Gypsum Perlite Binder/Filler 100%

EMC LABS, INC.

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Laboratory Report

0134445

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client: KIMURA INTERNATIONAL, INC
Address: 1600 KAPIOLANI BLVD, STE 1610
HONOLULU HI 96814
Collected: 11/18/2013
Project Name: ALIIAIMOKU HALE BLDG REPAIRS
Address:

Job# / P.O. #: 130702
Date Received: 11/20/2013
Date Analyzed: 11/27/2013
Date Reported: 11/27/2013
EPA Method: EPA 600/R-93/116
Submitted By: BRANDIS UEYAMA
Collected By:

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-009 1118-FA09	1ST FL MAUKA OFFICES	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Quartz Perlite Binder/Filler 100%
0134445-010 1118-FA10	1ST FL JANITOR'S CLOSET	CMU Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Binder/Filler 99%
0134445-011 1118-FA11	1ST FL JANITOR'S CLOSET	CMU Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Binder/Filler 99%
0134445-012 1118-FA12	1ST FL JANITOR'S CLOSET	CMU Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-013 1118-BA01	2ND FL AC RM	Textured Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Mica Binder/Filler 99%

EMC LABS, INC.

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NVLAP#101926-0

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	HONOLULU HI 96814	Date Analyzed:	11/27/2013
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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-014 1118-BA02	2ND FL AC RM	Textured Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Mica Binder/Filler 99%
0134445-015 1118-BA03	2ND FL AC RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
0134445-016 1118-BA04	2ND FL FISCAL SECTION	Textured Paint, White	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
0134445-017 1118-BA05	2ND FL FISCAL SECTION	LAYER 1 Textured Paint, White	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
		LAYER 2 Wall Plaster, White	No	None Detected	Quartz Gypsum Carbonates Binder/Filler 100%

EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report
0134445

Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130702
Address:	1600 KAPIOLANI BLVD, STE 1610	Date Received:	11/20/2013
	HONOLULU HI 96814	Date Analyzed:	11/27/2013
Collected:	11/18/2013	Date Reported:	11/27/2013
Project Name:	ALIAIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UHEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-018 1118-BA06	2ND FL FISCAL SECTION	LAYER 1 Textured Paint, White	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
		LAYER 2 Wall Plaster, White	No	None Detected	Quartz Gypsum Carbonates Binder/Filler 100%
0134445-019 1118-FA13	2ND FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-020 1118-FA14	2ND FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-021 1118-FA15	2ND FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-022 1118-FA16	2ND FL FISCAL SECTION	Acoustic Wall Tile, White/ Brown	No	None Detected	Cellulose Fiber 80%
					Carbonates Gypsum Binder/Filler 20%
0134445-023 1118-FA17	2ND FL FISCAL SECTION	Acoustic Wall Tile, White/ Brown	No	None Detected	Cellulose Fiber 80%
					Carbonates Gypsum Binder/Filler 20%

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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130702
Address:	1600 KAPIOLANI BLVD, STE 1610	Date Received:	11/20/2013
	HONOLULU HI 96814	Date Analyzed:	11/27/2013
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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-024 1118-FA18	2ND FL FISCAL SECTION	Acoustic Wall Tile, White/ Brown	No	None Detected	Cellulose Fiber 80% Carbonates Gypsum Binder/Filler 20%
0134445-025 1118-FA19	2ND FL	Cement Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-026 1118-FA20	2ND FL	Cement Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Binder/Filler 99%
0134445-027 1118-FA21	2ND FL	Cement Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-028 1118-FA22	2ND FL HWY OPEN OFFICE	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Cellulose Fiber <1% Carbonates Mica Quartz Perlite Binder/Filler 99%

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-029 1118-FA23	2ND FL HWY OPEN OFFICE	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%
0134445-030 1118-FA24	2ND FL HWY OPEN OFFICE	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound/ Paint, White Note: Layer is mainly Paint - little Compound present	No	None Detected	Cellulose Fiber 1% Carbonates Gypsum Binder/Filler 99%
0134445-031 1118-BA07	3RD FL STAIRWELL	Textured Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Mica Binder/Filler 99%
0134445-032 1118-BA08	3RD FL AC RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-033 1118-BA09	3RD FL AC RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-034 1118-FA25	3RD FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-035 1118-FA26	3RD FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-036 1118-FA27	3RD FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-037 1118-FA28	3RD FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%
0134445-038 1118-FA29	3RD FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Mica Perlite Binder/Filler 100%

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NVLAP#101926-0

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	HONOLULU HI 96814	Date Analyzed:	11/27/2013
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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-039 1118-FA30	3RD FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Mica Quartz Perlite Binder/Filler 100%
0134445-040 1118-BA10	4TH FL AC RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
0134445-041 1118-BA11	4TH FL AC RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-042 1118-BA12	4TH FL STAIRWELL	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-043 1118-FA31	4TH FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-044 1118-FA32	4TH FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%

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Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	KIMURA INTERNATIONAL, INC	Job# / P.O. #:	130702
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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-045 1118-FA33	4TH FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-046 1118-FA34	4TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Mica Perlite Binder/Filler 100%
0134445-047 1118-FA35	4TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Mica Perlite Binder/Filler 100%
		LAYER 3 Texture, White	No	None Detected	Carbonates Gypsum Mica Perlite Binder/Filler 100%

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Address:		Submitted By:	BRANDIS UHEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-048 1118-FA36	4TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Mica Perlite Binder/Filler 100%
0134445-049 1118-BA13	5TH FL AC RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
0134445-050 1118-BA14	5TH FL AC RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
0134445-051 1118-BA15	5TH FL STAIRWELL	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UHEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-052 1118-BA16	5TH FL	LAYER 1 Textured Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
		LAYER 2 Plaster, White/Tan Note: No Gypsum Board	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0134445-053 1118-BA17	5TH FL	LAYER 1 Textured Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
		LAYER 2 Plaster, White/Tan Note: No Gypsum Board	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0134445-054 1118-BA18	5TH FL	LAYER 1 Textured Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
		LAYER 2 Plaster, White/Tan Note: No Gypsum Board	No	None Detected	Quartz Gypsum Mica Carbonates Binder/Filler 100%
0134445-055 1118-FA37	5TH FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-056 1118-FA38	5TH FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-057 1118-FA39	5TH FL	Cement Paint, White	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-058 1118-FA40	5TH FL	Cement Paint, Beige	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler <1% 99%
0134445-059 1118-FA41	5TH FL	Cement Paint, Beige	No	None Detected	Cellulose Fiber Carbonates Gypsum Binder/Filler <1% 99%
0134445-060 1118-FA42	5TH FL	Cement Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-061 1118-FA43	5TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber Fibrous Glass Gypsum Mica Carbonates 10% 2% 88%
		LAYER 2 Joint Compound, White	Yes	Chrysotile 3%	Gypsum Mica Carbonates Binder/Filler 97%

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-062 1118-FA44	5TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Mica Perlite Binder/Filler 100%
0134445-063 1118-FA45	5TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	No	None Detected	Carbonates Gypsum Mica Perlite Binder/Filler 100%
0134445-064 1118-FA46	MECHANICAL RM	Cement Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Binder/Filler 99%
0134445-065 1118-FA47	MECHANICAL RM	Cement Paint, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Gypsum Binder/Filler 99%
0134445-066 1118-FA48	MECHANICAL RM	Cement Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UYEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-067 1118-BA19	6TH FL AC RM	CMU Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-068 1118-BA0	6TH FL AC RM	CMU Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-069 1118-BA21	6TH FL AC RM	CMU Paint, Beige	No	None Detected	Carbonates Gypsum Binder/Filler 100%
0134445-070 1118-BA22	6TH FL MECH RM	Textured Paint, Beige	No	None Detected	Carbonates Gypsum Mica Binder/Filler 100%
0134445-071 1118-BA23	6TH FL MECH RM	Textured Paint, Beige	No	None Detected	Cellulose Fiber Carbonates Gypsum Mica Binder/Filler 1% 99%
0134445-072 1118-BA24	6TH FL MECH RM	Textured Paint, Beige	No	None Detected	Cellulose Fiber Carbonates Gypsum Mica Binder/Filler 1% 99%
0134445-073 1118-FA49	6TH FL	CMU Paint, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%

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Project Name:	ALIIMOKU HALE BLDG REPAIRS	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	BRANDIS UHEYAMA
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0134445-074 1118-FA50	6TH FL	CMU Paint, Tan	No	None Detected	Cellulose Fiber 1% Carbonates Gypsum Quartz Binder/Filler 99%
0134445-075 1118-FA51	6TH FL	CMU Paint, Tan	No	None Detected	Carbonates Gypsum Quartz Binder/Filler 100%
0134445-076 1118-FA52	6TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	Yes	Chrysotile 4%	Cellulose Fiber 2% Carbonates Mica Quartz Binder/Filler 94%
0134445-077 1118-FA53	6TH FL	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Mica Carbonates 88%
		LAYER 2 Joint Compound, White	Yes	Chrysotile 4%	Cellulose Fiber 2% Carbonates Mica Quartz Binder/Filler 94%

CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#: 134445
TAT: 3-5 day
Rec'd: NOV 20 P.M.
EMC USE ONLY

COMPANY NAME: Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96814
CONTACT: Fletcher Kimura
Phone/Fax: 808-944-8848 x2214
Email: fkimura@kimurainternational.com

BILL TO: (If Different Location)

Now Accepting: VISA – MASTERCARD

Price Quoted: \$ / Sample \$ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** Alliamoku Hale Building Repairs

P.O. Number: Project Number: 130702

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS ON OFF FLOW RATE		
1	1118-FA01	11/18/13	1st Floor Electrical, Rough beige paint	Y N			
2	1118-FA02	11/18/13	1st Floor Electrical, Rough beige paint	Y N			
3	1118-FA03	11/18/13	1st Floor Electrical, Rough beige paint	Y N			
4	1118-FA04	11/18/13	1st Floor Vestibule, Pink CMU paint	Y N			
5	1118-FA05	11/18/13	1st Floor Vestibule, Pink CMU paint	Y N			
6	1118-FA06	11/18/13	1st Floor Vestibule, Pink CMU paint	Y N			
7	1118-FA07	11/18/13	1st Floor Mauka Offices, Drywall and joint compound	Y N			
8	1118-FA08	11/18/13	1st Floor Mauka Offices, Drywall and joint compound	Y N			
9	1118-FA09	11/18/13	1st Floor Mauka Offices, Drywall and joint compound	Y N			
10	1118-FA10	11/18/13	1st Floor Janitor's closet, Beige CMU paint	Y N			
11	1118-FA11	11/18/13	1st Floor Janitor's closet, Beige CMU paint	Y N			
12	1118-FA12	11/18/13	1st Floor Janitor's closet, Beige CMU paint	Y N			
13	1118-BA01	11/18/13	2nd Floor AC Room, Textured beige paint	Y N			
14	1118-BA02	11/18/13	2nd Floor AC Room, Textured beige paint	Y N			
15	1118-BA03	11/18/13	2nd Floor AC Room, Textured beige paint	Y N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Fletcher Kimura and Brandis Ueyama

(Signature)

Relinquished by: [Signature] Date/Time: 11/19 12:30 PM Received by: Diana Federica Date/Time: 11/20/13 10:00

Relinquished by: Diana Federica Date/Time: 11/20/13 10:00 Received by: [Signature] Date/Time: 11/20/13 10:00

Relinquished by: Date/Time: Received by: Date/Time:

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

CHAIN OF CUSTODY

EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#:

TAT: 134445

Rec'd:

EMC USE ONLY

COMPANY NAME: Kimura International, Inc.
 1600 Kapiolani Blvd., Suite 1610
 Honolulu, Hawaii 96814
CONTACT: Fletcher Kimura
Phone/Fax: 808-944-8848 x2214
Email: fkimura@kimurainternational.com

BILL TO: (If Different Location)

Now Accepting: VISA – MASTERCARD

Price Quoted: \$ / Sample \$ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: Aliiimoku Hale Building Repairs

P.O. Number: **Project Number:** 130702

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
16	1118-BA04	11/18/13	2nd Floor Fiscal Section, Texture white paint and wall	N			
17	1118-BA05	11/18/13	2nd Floor Fiscal Section, Texture white paint and wall	Y N			
18	1118-BA06	11/18/13	2nd Floor Fiscal Section, Texture white paint and wall	Y N			
19	1118-FA13	11/18/13	2nd Floor, White cement paint	Y N			
20	1118-FA14	11/18/13	2nd Floor, White cement paint	Y N			
21	1118-FA15	11/18/13	2nd Floor, White cement paint	Y N			
22	1118-FA16	11/18/13	2nd Floor Fiscal Section, Acoustic wall tile	Y N			
23	1118-FA17	11/18/13	2nd Floor Fiscal Section, Acoustic wall tile	Y N			
24	1118-FA18	11/18/13	2nd Floor Fiscal Section, Acoustic wall tile	Y N			
25	1118-FA19	11/18/13	2nd Floor, Beige cement paint	Y N			
26	1118-FA20	11/18/13	2nd Floor, Beige cement paint	Y N			
27	1118-FA21	11/18/13	2nd Floor, Beige cement paint	Y N			
28	1118-FA22	11/18/13	2nd Floor Hwy. Open Office, Drywall and joint compound	Y N			
29	1118-FA23	11/18/13	2nd Floor Hwy. Open Office, Drywall and joint compound	Y N			
30	1118-FA24	11/18/13	2nd Floor Hwy. Open Office, Drywall and joint compound	N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Fletcher Kimura and Brandis Ueyama

(Signature) *[Signature]*

Relinquished by: *[Signature]*

Date/Time: 11/19 12:30pm

Received by: *[Signature]*

Date/Time: 11/20/13 ¹⁰⁰⁰

Relinquished by: *[Signature]*

Date/Time: 11/20/13

Received by: *[Signature]*

Date/Time: 11/20/13 ¹⁰⁰⁰

Relinquished by: _____

Date/Time: _____

Received by: _____

Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

CHAIN OF CUSTODY

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LAB#:

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EMC USE ONLY

COMPANY NAME: Kimura International, Inc.
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 Honolulu, Hawaii 96814
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 Email: fkimura@kimurainternational.com

BILL TO: (If Different Location)

Now Accepting: VISA – MASTERCARD

Price Quoted: \$ / Sample \$ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** Aliiimoku Hale Building Repairs**P.O. Number:** **Project Number:** 130702

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
31	1118-BA07	11/18/13	3rd Floor Stairwell, Beige textured paint	Y N			
32	1118-BA08	11/18/13	3rd Floor AC Room, Beige textured paint	Y N			
33	1118-BA09	11/18/13	3rd Floor AC Room, Beige textured paint	Y N			
34	1118-FA25	11/18/13	3rd Floor, White cement paint	Y N			
35	1118-FA26	11/18/13	3rd Floor, White cement paint	Y N			
36	1118-FA27	11/18/13	3rd Floor, White cement paint	Y N			
37	1118-FA28	11/18/13	3rd Floor, Drywall and joint compound	Y N			
38	1118-FA29	11/18/13	3rd Floor, Drywall and joint compound	Y N			
39	1118-FA30	11/18/13	3rd Floor, Drywall and joint compound	Y N			
40	1118-BA10	11/18/13	4th Floor AC Room, Beige textured paint	Y N			
41	1118-BA11	11/18/13	4th Floor AC Room, Beige textured paint	Y N			
42	1118-BA12	11/18/13	4th Floor Stairwell, Beige textured paint	Y N			
43	1118-FA31	11/18/13	4th Floor, White cement paint	Y N			
44	1118-FA32	11/18/13	4th Floor, White cement paint	Y N			
45	1118-FA33	11/18/13	4th Floor, White cement paint	Y N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Fletcher Kimura and Brandis Ueyama

(Signature) *[Signature]*Relinquished by: *[Signature]* Date/Time: 11/19 12:30 Received by: *[Signature]* Date/Time: 11/20/13Relinquished by: *[Signature]* Date/Time: 11/20/13 Received by: *[Signature]* Date/Time: 11/20/13

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

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Rev. 09/01/08

CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#:

TAT:

Rec'd:

EMC USE ONLY

COMPANY NAME: Kimura International, Inc.

1600 Kapiolani Blvd., Suite 1610

Honolulu, Hawaii 96814

CONTACT: Fletcher Kimura

Phone/Fax: 808-944-8848 x2214

Email: fkimura@kimurainternational.com

BILL TO:

(If Different Location)

Now Accepting: VISA – MASTERCARD

Price Quoted: \$ / Sample \$ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)1. **TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. **Project Name:** Aliiimoku Hale Building Repairs

P.O. Number:

Project Number: 130702

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
46	1118-FA34	11/18/13	4th Floor, Drywall and joint compound	Y N			
47	1118-FA35	11/18/13	4th Floor, Drywall and joint compound	Y N			
48	1118-FA36	11/18/13	4th Floor, Drywall and joint compound	Y N			
49	1118-BA13	11/18/13	5th Floor AC Room, Beige textured paint	Y N			
50	1118-BA14	11/18/13	5th Floor AC Room, Beige textured paint	Y N			
51	1118-BA15	11/18/13	5th Floor Stairwell, Beige textured paint	Y N			
52	1118-BA16	11/18/13	5th Floor, Textured paint and gypsum wall board	Y N			
53	1118-BA17	11/18/13	5th Floor, Textured paint and gypsum wall board	Y N			
54	1118-BA18	11/18/13	5th Floor, Textured paint and gypsum wall board	Y N			
55	1118-FA37	11/18/13	5th Floor, White cement paint	Y N			
56	1118-FA38	11/18/13	5th Floor, White cement paint	Y N			
57	1118-FA39	11/18/13	5th Floor, White cement paint	Y N			
58	1118-FA40	11/18/13	5th Floor, Beige cement paint	Y N			
59	1118-FA41	11/18/13	5th Floor, Beige cement paint	Y N			
60	1118-FA42	11/18/13	5th Floor, Beige cement paint	Y N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Fletcher Kimura and Brandis Ueyama

(Signature)

Relinquished by: [Signature] Date/Time: 11/19, 10:30 Received by: Diana Federico Date/Time: 11/20/13Relinquished by: Diana Federico Date/Time: 11/20/13 Received by: [Signature] Date/Time: 11/20/13Relinquished by: _____ Date/Time: _____ Received by: [Signature] Date/Time: 11/20/13

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CHAIN OF CUSTODY

EMC Laboratories
9830 S. 51ST St., Ste B-109
Phoenix, AZ 85044
(800) 362-3373 Fax (480) 893-1726

LAB#:

TAT: 134445

Rec'd:

EMC USE ONLY

COMPANY NAME: Kimura International, Inc.
1600 Kapiolani Blvd., Suite 1610
Honolulu, Hawaii 96814
CONTACT: Fletcher Kimura
Phone/Fax: 808-944-8848 x2214
Email: fkimura@kimurainternational.com

BILL TO: (If Different Location)**Now Accepting:** VISA – MASTERCARD**Price Quoted:** \$ / Sample \$ / Layers**COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)****1. TURNAROUND TIME:** [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]**3. DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: Aliiimoku Hale Building Repairs**P.O. Number:** **Project Number:** 130702

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
61	1118-FA43	11/18/13	5th Floor, Drywall and joint compound	N			
62	1118-FA44	11/18/13	5th Floor, Drywall and joint compound	N			
63	1118-FA45	11/18/13	5th Floor, Drywall and joint compound	N			
64	1118-FA46	11/18/13	Mechanical Room, Beige cement paint	N			
65	1118-FA47	11/18/13	Mechanical Room, Beige cement paint	N			
66	1118-FA48	11/18/13	Mechanical Room, Beige cement paint	N			
67	1118-BA19	11/18/13	6th Floor AC Room, Beige CMU paint	N			
68	1118-BA20	11/18/13	6th Floor AC Room, Beige CMU paint	N			
69	1118-BA21	11/18/13	6th Floor AC Room, Beige CMU paint	N			
70	1118-BA22	11/18/13	6th Floor Mech. Room, Texture beige paint	N			
71	1118-BA23	11/18/13	6th Floor Mech. Room, Texture beige paint	N			
72	1118-BA24	11/18/13	6th Floor Mech. Room, Texture beige paint	N			
73	1118-FA49	11/18/13	6th Floor, Tan CMU paint	N			
74	1118-FA50	11/18/13	6th Floor, Tan CMU paint	N			
75	1118-FA51	11/18/13	6th Floor, Tan CMU paint	N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Fletcher Kimura and Brandis Ueyama

(Signature)

Relinquished by: [Signature] Date/Time: 11/19, 12:30 Received by: [Signature] Date/Time: 11/20/13Relinquished by: [Signature] Date/Time: 11/20/13 Received by: [Signature] Date/Time: 11/20/13

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

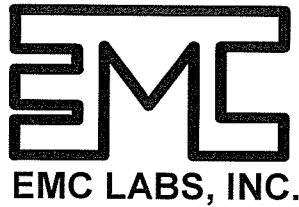
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DAGS Job No. 22-29-7516

Appendix III

LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY

LEAD



9830 South 51st Street, Suite B-109 / PHOENIX, ARIZONA 85044 / 480-940-5294 or 800-362-3373 / FAX 480-893-1726
emclab@emclabs.com

LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L48639		DATE RECEIVED: 04/12/13	
CLIENT: Kimura International, Inc.		REPORT DATE: 04/15/13	
		DATE OF ANALYSIS: 04/15/13	
CLIENT ADDRESS: 1600 Kapiolani Blvd., #1600 Honolulu, HI 96814		P.O. NO.:	
PROJECT NAME: Aliiainmoku Hale		PROJECT NO.: 130302	

EMC # L48639-	SAMPLE DATE /13	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	04/10	410-FL01	A/C Room/Paint/Beige/Interior Paint	0.026	BRL
2	04/10	410-FL02	Mauka Offices/Paint/White/Interior Paint	0.022	BRL
3	04/10	410-FL03	Data Center/Paint/Beige/Interior Paint	0.029	0.126
4	04/10	410-FL04	Exterior CMU/Paint/White/Exterior Paint	0.012	BRL
5	04/10	410-FL05	Exterior Concrete/Paint/Beige/Exterior Paint	0.010	0.079

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

This report applies to the standards or procedures identified and to the samples tested only. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. Unless otherwise noted, all quality control analyses for the samples noted above were within acceptable limits.

Where it is noted that a sample with excessive substrate was submitted for laboratory analysis, such analysis may be biased. The lead content of such sample may, in actuality, be greater than reported. EMC makes no warranty, express or implied, as to the accuracy of the analysis of samples noted to have been submitted with excessive substrate. Resampling is recommended in such situations to verify original laboratory results.

These reports are for the exclusive use of the addressed client and are rendered upon the condition that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. Samples not destroyed in testing are retained a maximum of sixty (60) days.

ANALYST:

Jason Thompson

QA COORDINATOR:

Kurt Kettler

Rev. 11/30/08

DAGS Job No. 22-29-7516

Addendum No. 2 r 9/28/2026
Limited Hazardous Materials Survey
Attachment B Page 61 of 66

Page 1 of 1

CHAIN OF CUSTODY

EMC Labs, Inc.

9830 S. 51st St., Ste B-109

Phoenix, AZ 85044

(800) 362-3373 Fax (480) 893-1726

LAB#: 248639
TAT: 1-2 day
Rec'd: 4/12/13

TAT:

Rec'd:

COMPANY NAME: KIMURA INTERNATIONAL INC.

BILL TO:

(If Different Location)

1600 Kapiolani Blvd, #1600

Honolulu, HI 96814

CONTACT: Fletcher Kimura

Phone/Fax: (808) 944-8848 / (808) 941-8999

Email: fkimura@kimurainternational.com

Now Accepting: VISA – MASTERCARD

Price Quoted: \$_____ / Sample \$_____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. **TURNAROUND TIME:** {4hr rush} {8hr rush} {1-Day} {2-Day} {3-Day} {5-Day} {6-10 Day}

******Prior confirmation of turnaround time is required**

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: Aluamoku Hale

P.O. Number:

Project Number:

[illegible]

SPECIAL INSTRUCTIONS:

Sample Collector: (Print)

(Signature)

Relinquished by:

Date/Time:

Received by:

Date/Time: 4/24/21

Relinquished by:

Date/Time:

Received by:

Date/Time: 12/12/11

Relinquished by:

Date/Time

Received by:

Date/Time:

**** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.**

Analysis: Pb by FLAA

Job Name: Aliiainoku Hale

[illegible]

Additional Field Notes Sheet: _____yes

Date/Time: April 10, 2013, 11:00-13:30

Date/Time: 4/11/13, 12:45

Date/Time: 4/12/23

1

1600 Kapiolani Blvd., Suite 1610, Honolulu, HI 96814

Phone: (808) 944-8848 Fax: (808) 941-8999

Send Results to: Fletcher Kimura (fkimura@kimurainternational.com)



9830 South 51st Street, Suite B-109 / PHOENIX, ARIZONA 85044 / 480-940-5294 or 800-362-3373 / FAX 480-893-1726
emclab@emclabs.com

LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L50777		DATE RECEIVED: 11/20/13	
CLIENT: Kimura International, Inc.		REPORT DATE: 11/25/13	
		DATE OF ANALYSIS: 11/21/13	
CLIENT ADDRESS: 1600 Kapiolani Blvd., Suite 1610 Honolulu, HI 96814		P.O. NO.:	
PROJECT NAME: Aliiainmoku Hale Building Repairs		PROJECT NO.: 130702	

EMC # L50777-	SAMPLE DATE /13	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
1	11/18	1118-FL01	1 st Floor, Rough Beige Paint	0.019	BRL
2	11/18	1118-FL02	1 st Floor, Pink/Brown Paint	0.014	BRL
3	11/18	1118-FL03	2 nd Floor, White Paint	0.028	BRL
4	11/18	1118-BL01	2 nd Floor, Rough Beige Paint	0.016	BRL
5	11/18	1118-BL02	3 rd Floor, Beige Paint	0.028	0.035
6	11/18	1118-FL04	3 rd Floor, White Cement Paint	0.024	BRL
7	11/18	1118-BL03	4 th Floor, Beige Paint	0.040	BRL
8	11/18	1118-FL05	4 th Floor, White Paint	0.024	0.047

^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

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ANALYST:

Jason Thompson

QA COORDINATOR:

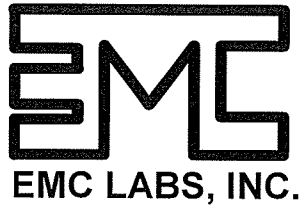
Kurt Kettler

Rev. 11/30/08

DAGS Job No. 22-29-7516

Addendum No. 2 r9/28/2026
Limited Hazardous Materials Survey
Attachment B Page 64 of 66

Page 1 of 2



9830 South 51st Street, Suite B-109 / PHOENIX, ARIZONA 85044 / 480-940-5294 or 800-362-3373 / FAX 480-893-1726
emclab@emclabs.com

LEAD (Pb) IN PAINT CHIP SAMPLES
EMC SOP METHOD #L01/1 EPA SW-846 METHOD 7420

EMC LAB #: L50777		DATE RECEIVED: 11/20/13	
CLIENT: Kimura International, Inc.		REPORT DATE: 11/25/13	
		DATE OF ANALYSIS: 11/21/13	
CLIENT ADDRESS: 1600 Kapiolani Blvd., Suite 1610 Honolulu, HI 96814		P.O. NO.:	
PROJECT NAME: Aliiaimoku Hale Building Repairs		PROJECT NO.: 130702	

EMC # L50777-	SAMPLE DATE /13	CLIENT SAMPLE #	DESCRIPTION	REPORTING LIMIT (%Pb by weight)	%Pb BY WEIGHT
9	11/18	1118-BL04	5 th Floor, Rough Beige Paint	0.030	BRL
10	11/18	1118-FL06	5 th Floor, White Paint	0.023	0.062
11	11/18	1118-FL07	5 th Floor, Beige Paint	0.019	BRL
12	11/18	1118-FL08	Mechanical Room, Beige Paint	0.067	0.071#
13	11/18	1118-BL05	6 th Floor, Beige CMU Paint	0.025	0.054
14	11/18	1118-BL06	6 th Floor, Texture Beige Paint	0.010	BRL
15	11/18	1118-FL09	6 th Floor, Tan CMU Paint	0.022	0.072

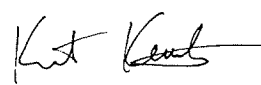
^ = Dilution Factor Changed * = Excessive Substrate May Bias Sample Results BRL = Below Reportable Limits # = Very Small Amount Of Sample Submitted, May Affect Result

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ANALYST: 
Jason Thompson

QA COORDINATOR: 
Kurt Kettler

Rev. 11/30/08

CHAIN OF CUSTODY
EMC Laboratories
 9830 S. 51ST St., Ste B-109
 Phoenix, AZ 85044
 (800) 362-3373 Fax (480) 893-1726

LAB#: 850777
TAT: 3-5 day
Rec'd: 11/20/13
 EMC USE ONLY

COMPANY NAME: Kimura International, Inc.
 1600 Kapiolani Blvd., Suite 1610
 Honolulu, Hawaii 96814
CONTACT: Fletcher Kimura
Phone/Fax: 808-944-8848 x2214
Email: fkimura@kimurainternational.com

BILL TO: _____ (If Different Location)

Now Accepting: **VISA – MASTERCARD**

Price Quoted: \$ _____ / Sample \$ _____ / Layers

COMPLETE ITEMS 1-4: (Failure to complete any items may cause a delay in processing or analyzing your samples)

1. TURNAROUND TIME: [4hr rush] [8hr rush] [1-Day] [2-Day] [3-Day] [5-Day] [6-10 Day]

****Prior confirmation of turnaround time is required

****Additional charges for rush analysis (please call marketing department for pricing details)

****Laboratory analysis may be subject to delay if credit terms are not met

2. TYPE OF ANALYSIS: [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]

3. DISPOSAL INSTRUCTIONS: [Dispose of samples at EMC] / [Return samples to me at my expense]

(If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: Aliiimoku Hale Building Repairs

P.O. Number: _____ **Project Number:** 130702

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
1	1118-FL01	11/18/13	1st Floor, Rough beige paint	Y N			
2	1118-FL02	11/18/13	1st Floor, Pink/brown paint	Y N			
3	1118-FL03	11/18/13	2nd Floor, White paint	Y N			
4	1118-BL01	11/18/13	2nd Floor, Rough beige paint	Y N			
5	1118-BL02	11/18/13	3rd Floor, Beige paint	Y N			
6	1118-FL04	11/18/13	3rd Floor, White cement paint	Y N			
7	1118-BL03	11/18/13	4th Floor, Beige paint	Y N			
8	1118-FL05	11/18/13	4th Floor, White paint	Y N			
9	1118-BL04	11/18/13	5th Floor, Rough beige paint	Y N			
10	1118-FL06	11/18/13	5th Floor, White paint	Y N			
11	1118-FL07	11/18/13	5th Floor, Beige paint	Y N			
12	1118-FL08	11/18/13	Mechanical Room, Beige paint	Y N			
13	1118-BL05	11/18/13	6th Floor, Beige CMU paint	Y N			
14	1118-BL06	11/18/13	6th Floor, Texture beige paint	Y N			
15	1118-FL09	11/18/13	6th Floor, Tan CMU paint	Y N			

SPECIAL INSTRUCTIONS:

Sample Collector: (Print) Fletcher Kimura and Brandis Ueyama

(Signature) _____

Relinquished by: _____ Date/Time: 11/19, 12:30 Received by: _____ Date/Time: 11/20/13 9:20

Relinquished by: _____ Date/Time: 11/20/13 9:10 Received by: _____ Date/Time: 11/20/13 9:10

Relinquished by: _____ Date/Time: _____ Received by: _____ Date/Time: _____

** In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

DAGS Job No. 22-29-7516

Addendum No. 2 r9/28/2026
 Limited Hazardous Materials Survey
 Attachment B Page 66 of 66



Professional Service Industries, Inc.

T R A N S M I T A L

TO: Mr. Peter Garcia
Department of Transportation
869 Punchbowl Street, Rm 504
Honolulu, Hawaii 96813

October 18, 1999

RE: Department of Transportation Building
Lead Paint Survey Results
PSI Project No. 643-9A101

We are sending the following:

<u>Quantity</u>	<u>Date</u>	<u>Description</u>
2	October 18, 1999	Lead Paint Survey Results

These are transmitted as checked below:

- | | | | |
|---|--------------------------|---|----------------------------------|
| ☒ (X) | For your information | ☒ (X) | As per your request |
| ☐ () | For approval | ☐ () | For review and comment |
| ☐ () | For comment | ☐ () | Prints returned after loan to us |
| ☐ () | For Signature and Return | | |
| ☐ () | Other _____ | | |

Remarks:

Sincerely,

PROFESSIONAL SERVICE INDUSTRIES, INC.

Michael W. Polkinghorn
Branch Manager

MWP:se

LEAD PAINT SURVEY RESULTS

**DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813**

FOR

**DEPARTMENT OF TRANSPORTATION
MR. PETER GARCIA**

**Conducted By
PROFESSIONAL SERVICE INDUSTRIES, INC.
Honolulu, Hawaii**

PSI PROJECT NUMBER 643-9A101

OCTOBER 18, 1999

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Lead Paint Synopsis.....	3

Appendix:

Lead Paint Sample Results

Lead Paint Sampling Location Diagram

INTRODUCTION

GENERAL INFORMATION

Professional Service Industries, Inc., was retained by Mr. Peter Garcia of the Department of Transportation to conduct an inspection for possible lead-based paint applications in the Department of Transportation Building located at 869 Punchbowl Street in Honolulu, Hawaii. This report is for the exclusive use of the Department of Transportation.

PURPOSE

The main purpose of this survey was to determine the presence and locations of lead-based paint.

WARRANTY

Professional Service Industries, Inc. warrants that the findings contained herein have been prepared in accordance with accepted professional practices as applied by similar professionals in the community at the time of its preparation. Changes in the state of the art or in applicable regulations after the inspection date could not have been anticipated and have not been addressed in this report.

The results reported herein are considered sufficient in detail and scope to identify accessible and/or exposed LBP located in the facility at the time of this inspection. Analytical results, if any, are valid only for the materials tested. There is a possibility that material or material conditions may exist that could not be identified within the scope of the survey or that were not apparent during the site visit. No other warranties are implied or expressed.

SCOPE OF SERVICES

All inspection services were performed by EPA-accredited personnel. The scope of those services included the following:

- *Inspection walk through to determine areas requiring sampling.
- *Physically collecting three random samples of homogeneous paint colors on floors that have walls scheduled for demolition.
- *Analysis of suspect lead-paint samples.
- *Submission of a report to Department of Transportation.

METHODOLOGY

GENERAL REFERENCES

LBP sampling procedures were performed in general accordance with the guidelines published by the EPA.

GENERAL PROCEDURES

The survey consisted of two major activities: a visual inspection and an assessment of previously unsampled suspect LBP identified in the building. Although these activities are named separately, they are integrated tasks.

VISUAL INSPECTION AND ASSESSMENT

The visual inspection and assessment were composed of three elements:

1. A visual determination as to the extent of suspect materials in building.
2. Selection of three representative areas per floor of sheet rock wallboard to be demolished. Three samples were collected from each floor.
3. Sampling and documentation of observable paint layers within the building.

LABORATORY PROCEDURES

ANALYSIS OF LEAD-BASED PAINT

Two paint colors were identified in the areas scheduled for demolition. 3 samples of paint per floor was collected for analysis. To obtain the paint sample, an area of the outer wall with the dimensions of approximately 2 square inches was outlined with a razor. The paint film within the square was then scored and extracted down to, but not including, the substrate. All layers of paint were analyzed as one sample. These samples were placed in sealed containers, labeled, and shipped to an accredited laboratory for analysis for total lead (NIOSH 7082 Method). Restoration and repainting of sampled surfaces was not within the scope of this inspection.

Paint chip samples were subjected to acid digestion in the laboratory and analysis by Flame Atomic Absorption Spectroscopy. Laboratory test results of 0.5% lead by weight or greater are considered to be lead-based paint according to the Housing and Urban Development Guidelines and test results of 0.06% lead by weight or greater are considered to be lead-based paint according to the Consumer Product Safety Commission Guidelines.

SAMPLING PROCEDURES

Generally, sampling was confined to those materials that were accessible and did not involve destruction of wall or other building elements, physical barriers, or the structural integrity of the item being tested. While care was taken in extracting these samples, PSI did not repair any damage.

EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the homogeneous material.

Sampling of miscellaneous materials were taken as randomly as possible while attempting to sample not readily visible areas so as to minimize the damage to the aesthetic appearance of the material.

LEAD BASED PAINT SYNOPSIS

The following paint colors were found to be non-lead based (containing less than 0.06% lead by weight) according to the Consumer Product Safety Commission (CPSC):

* denotes sampling conducted on September 7, 1999

Sample Number	Component	Location of Sample Extraction	Color	Result % by weight
*L1	Interior Walls	First Floor	White	N/D
L1	Exterior Wall	First Floor	White	N/D
L2	Interior Wall	First Floor	Lt Brown	N/D
L3	Interior Wall	First Floor	Lt Brown	N/D
L4	Interior Wall	Second Floor	Lt Brown	N/D
L5	Interior Wall	Second Floor	Lt Brown	N/D
L6	Interior Wall	Second Floor	Lt Brown	N/D
L7	Exterior Wall	Third Floor	White	N/D
L8	Interior Wall	Third Floor	Lt Brown	N/D
L9	Interior Wall	Third Floor	Lt Brown	N/D
L15	Exterior Wall	Fifth Floor	White	0.053

The following paint colors were found to be lead based (containing greater than 0.06% lead by weight) according to the CPSC:

L10	Exterior Wall	Fourth Floor	White	0.072
L11	Exterior Wall	Fourth Floor	White	0.082
L12	Exterior Wall	Fourth Floor	White	0.086
L13	Exterior Wall	Fifth Floor	White	0.076
L14	Interior Wall	Fifth Floor	Lt Brown	0.086

LEAD-BASED PAINT CONCLUSIONS

Five of the samples collected at the Department of Transportation Building (samples L10 - L14) are above the CPSC Guideline of 0.06% lead by weight. Lead paint control should be implemented prior to any renovation work where the paint is disturbed. Worker exposure monitoring for lead should be performed during any demolition or renovation activity. If the building components are to be disposed of as waste, a composite sample of the debris should be collected for Toxicity Characteristics Leachate Procedure (TCLP) analysis to determine whether or not special handling is required for disposal. Based on the results of the lead survey performed on October 13, 1999, it is recommended that air monitoring for airborne lead be conducted during demolition/renovation of the lead painted surfaces.

APPENDIX

LEAD PAINT SAMPLE RESULTS

Environmental Laboratory of the Pacific

Date: 15-Oct-99

CLIENT: PSI, Inc.
Project: DOT BLDG 643-9C
Lab Order: 9910079

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

The spike recovery for QC sample with an "S" qualifier is outside of established control limits due to matrix effects.

CLIENT: PSI, Inc.
Project: DOT BLDG 643-9C
Lab Order: 9910079
Date Received: 10/13/99

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date
9910079-01A	L-1		10/13/99 2:00:00 PM
9910079-02A	L-2		10/13/99 2:00:00 PM
9910079-03A	L-3		10/13/99 2:00:00 PM
9910079-04A	L-4		10/13/99 2:00:00 PM
9910079-05A	L-5		10/13/99 2:00:00 PM
9910079-06A	L-6		10/13/99 2:00:00 PM
9910079-07A	L-7		10/13/99 2:00:00 PM
9910079-08A	L-8		10/13/99 2:00:00 PM
9910079-09A	L-9		10/13/99 2:00:00 PM
9910079-10A	L-10		10/13/99 2:00:00 PM
9910079-11A	L-11		10/13/99 2:00:00 PM
9910079-12A	L-12		10/13/99 2:00:00 PM
9910079-13A	L-13		10/13/99 2:00:00 PM
9910079-14A	L-14		10/13/99 2:00:00 PM
9910079-15A	L-15		10/13/99 2:00:00 PM

Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc. Client Sample ID: L-1
Job Order: 9910079 Tag Number:
Project: DOT BLDG 643-9C Collection Date: 10/13/99 2:00:00 PM
Job ID: 9910079-01A Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
LEAD, TOTAL	ND	SW6010A	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank E - Value above quantitation range
* - Value exceeds Maximum Contaminant Level

1 of 15

Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client:	PSI, Inc.	Client Sample ID:	L-2
Order:	9910079	Tag Number:	
Project:	DOT BLDG 643-9C	Collection Date:	10/13/99 2:00:00 PM
Sample ID:	9910079-02A	Matrix:	PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Qual Analyst	Notes
LEAD, TOTAL	ND	SW6010A 0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:	ND - Not Detected at the Reporting Limit	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	E - Value above quantitation range
	M - Value exceeds Maximum Contaminant Level	

Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
 Lab Order: 9910079
 Project: DOT BLDG 643-9C
 Lab ID: 9910079-03A

Client Sample ID: L-3
 Tag Number:
 Collection Date: 10/13/99 2:00:00 PM
 Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
ETALS, TOTAL		SW6010A							
Lead	ND	0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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OCT 15 '99 16:56

Addendum No. 2
 Limited Hazardous Materials Survey
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Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
 Lab Order: 9910079
 Project: DOT BLDG 643-9C
 Lab ID: 9910079-04A

Client Sample ID: L-4
 Tag Number:
 Collection Date: 10/13/99 2:00:00 PM
 Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
LEAD, TOTAL	ND	SW6010A	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

NT: PSI, Inc.
Order: 9910079
ct: DOT BLDG 643-9C
D: 9910079-05A

Client Sample ID: L-5
Tag Number:
Collection Date: 10/13/99 2:00:00 PM
Matrix: PAINT CHIPS

Res	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
ALS, TOTAL	ND	SW6010A 0.020	%	1	10/14/99	10/14/99	S23	TKL	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

CLIENT: PSL, Inc.
Lab Order: 9910079
Project: DOT BLDG 643-9C
Lab ID: 9910079-06A

Client Sample ID: L-6
Tag Number:
Collection Date: 10/13/99 2:00:00 PM
Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
METALS, TOTAL		SW6010A							
Lead	ND	0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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OCT 15 '99 16:57

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSL, Inc.
Order: 9910079
Site: DOT BLDG 643-9C
ID: 9910079-07A

Client Sample ID: L-7

Tag Number:

Collection Date: 10/13/99 2:00:00 PM

Matrix: PAINT CHIPS

Res	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Qual Analyst	Notes
ALS, TOTAL	ND	SW6010A 0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
Order: 9910079
Project: DOT BLDG 643-9C
ID: 9910079-08A

Client Sample ID: L-8

Tag Number:

Collection Date: 10/13/99 2:00:00 PM

Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
PAINTS, TOTAL	ND	SW6010A 0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
Order: 9910079
Subject: DOT BLDG 643-9C
Lab ID: 9910079-09A

Client Sample ID: L-9
Tag Number:
Collection Date: 10/13/99 2:00:00 PM
Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
LEAD, TOTAL	ND	SW6010A 0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSL, Inc.
 Order: 9910079
 Project: DOT BLDG 643-9C
 ID: 9910079-10A

Client Sample ID: L-10
 Tag Number:
 Collection Date: 10/13/99 2:00:00 PM
 Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
SW6010A									
ALS, TOTAL	0.072	0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
Order: 9910079
Subject: DOT BLDG 643-9C
ID: 9910079-11A

Client Sample ID: L-11

Tag Number:

Collection Date: 10/13/99 2:00:00 PM

Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
TALS, TOTAL		SW6010A							
ad	0.082	0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

CLIENT: PSI, Inc.
Lab Order: 9910079
Project: DOT BLDG 643-9C
Lab ID: 9910079-12A

Client Sample ID: L-12
Tag Number:
Collection Date: 10/13/99 2:00:00 PM
Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
ETALS, TOTAL		SW6010A							
Lead	0.086	0.020	%	1	10/14/99	10/14/99	923		TKL

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
 Order: 9910079
 Subject: DOT BLDG 643-9C
 ID: 9910079-13A

Client Sample ID: L-13

Tag Number:

Collection Date: 10/13/99 2:00:00 PM

Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
TALS, TOTAL	0.076	SW6010A 0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
Order: 9910079
Project: DOT BLDG 643-9C
ID: 9910079-14A

Client Sample ID: L-14

Tag Number:

Collection Date: 10/13/99 2:00:00 PM

Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
PAHs, TOTAL	0.086	SW6010A 0.020	%	1	10/14/99	10/14/99	923	TKL	

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- * - Value exceeds Maximum Contaminant Level

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

Client: PSI, Inc.
Order: 9910079
Project: DOT BLDG 643-9C
ID: 9910079-15A

Client Sample ID: L-15

Tag Number:

Collection Date: 10/13/99 2:00:00 PM

Matrix: PAINT CHIPS

Analyses	Result	Reporting Limit	Units	Dilution Factor	Date Prepared	Date Analyzed	Batch ID	Analyst	Qual Notes
ALS, TOTAL	0.053	SW6010A 0.020	%	1	10/14/99	10/14/99	923		TKL

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Environmental Laboratory of the Pacific

Date: 15-Oct-99

QC SUMMARY REPORT Method Blank

CLIENT: PSI, Inc.
Work Order: 9910079
Project: DOT BLDG 643-9C

Sample ID MB-923	Batch ID: 923	Test Code: SW8010A	Units: %	Analysis Date 10/14/99	Prep Date 10/14/99
Client ID:		Run ID: ICP1_991014C		SeqNo: 20834	
Analyte	Result	PQL	SPK value	SPK Rel Val	%REC
Lead	ND	0.020	0	0	0%
				RPD Rel Val	%RPD
				RPDLimit	Qual
					J

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

D - Analyte detected in the associated Method Blank

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

Qualifiers:

Environmental Laboratory of the Pacific

Date: 15-Oct-99

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

CLIENT: PSI, Inc.		Test Code: SW6010A		Units: %		Analysis Date 10/14/99		Prep Date 10/14/99	
Work Order: 9910079		Run ID: ICP1_991014C		SeqNo: 20838					
Project: DOT BLDG 643-9C		Batch ID: 923							
Sample ID	9910031-01AMS	Batch ID	923	Test Code	SW6010A	Units	%	Analysis Date	10/14/99
Client ID:		Run ID:	ICP1_991014C	SeqNo:	20837				
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPDLimit
Lead		0.062	0.020	0.050	0	125%	80	120	2.43%
									20
									S
Sample ID	9910031-01AMS	Batch ID	923	Test Code	SW6010A	Units	%	Analysis Date	10/14/99
Client ID:		Run ID:	ICP1_991014C	SeqNo:	20837				
Analyte		PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPDLimit
Lead		0.061	0.020	0.050	0	122%	80	120	0%
									0
									S

R - RPD outside accepted recovery limits

2

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

Qualifiers:

Date: 15-Oct-99

Environmental Laboratory of the Pacific

QC SUMMARY REPORT
Laboratory Control Spike - generic

CLIENT: PSI, Inc.
Work Order: 9910079
Project: DOT BLDG 643-9C

Sample ID	LCS-923	Batch ID	923	Test Code	SW8010A	Units	%	Analysis Date	10/14/99	Prep Date	10/14/99
Client ID:		Run ID:	ICP1_991014C					SeqNo:	20835		
Analyte		Result	0.052	PQL	0.020	SPK value	0.050	%REC	103%	LowLimit	80
						SPK Ref Val	0			HighLimit	120
								%RPD	0%	RPD Limit	20
Lead											

R - RPD outside accepted recovery limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

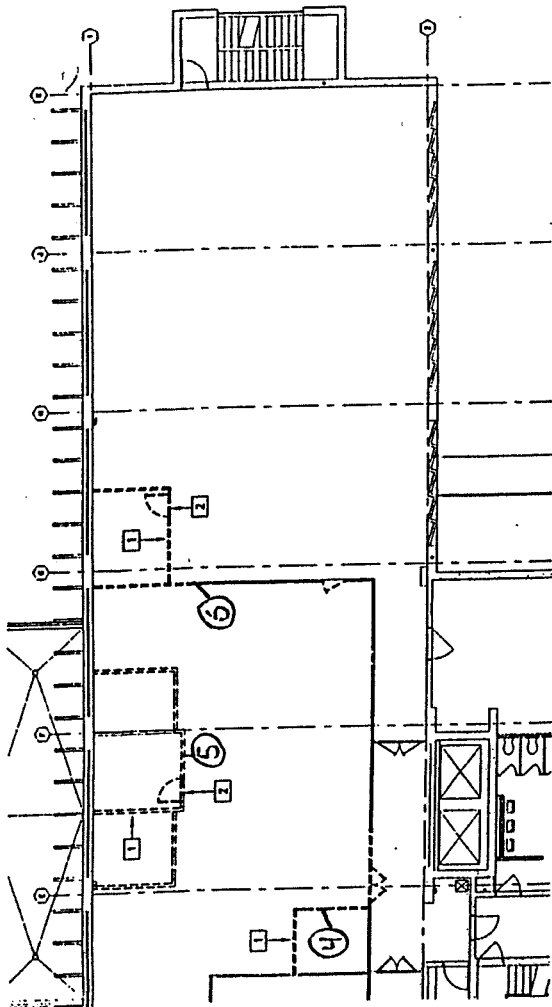
Qualifiers:

3

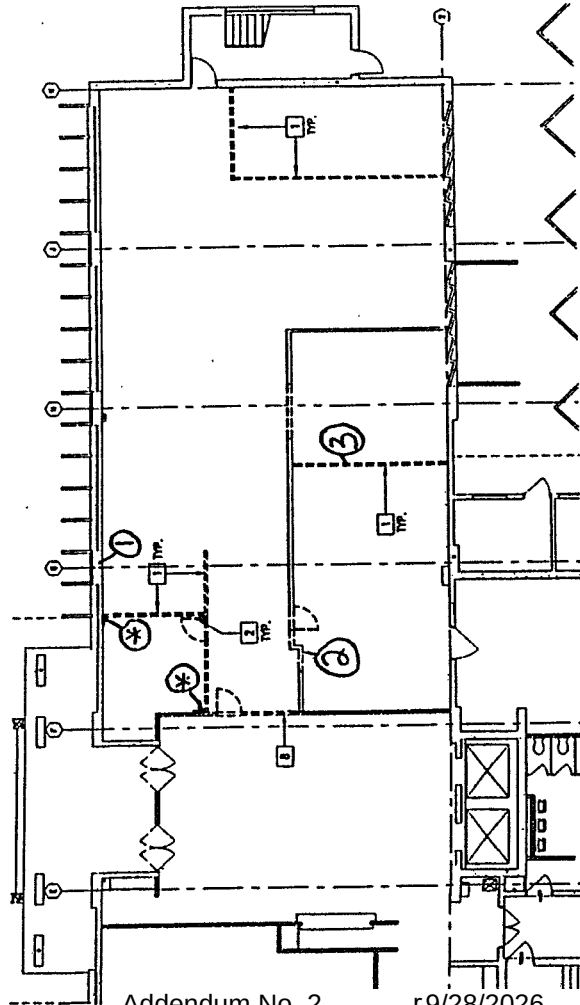
SAMPLE LOCATION DIAGRAMS

DEMOLITION KEYED NOTES

- 1 REMOVE EXISTING WALL ENTRY WALL TYPE 1 AS NOTED. SEE FLOOR PLAN FOR PROPOSED LAYOUT & EXTENT OF NEW CONSTRUCTION.
- 2 REMOVE EXISTING DOOR AND FRAME.
- 3 REMOVE EXISTING TOILET PARTITION AND DOOR.
- 4 REMOVE EXISTING MIRROR.
- 5 REMOVE EXISTING PRIVACY SCREEN.
- 6 REMOVE & RELOCATE EXISTING LAVATORY. SEE FLOOR PLAN FOR PROPOSED LAYOUT & EXTENT OF NEW CONSTRUCTION.
- 7 REMOVE EXISTING LAVATORY.
- 8 REMOVE EXISTING GLASS SHOWPOINT FRAME, GLASS, DOOR, PARTITION & ACCESSORIES FOR RE-USE. SEE FLOOR PLAN FOR ADULT INFO.
- 9 REMOVE EXISTING WATER CLOSET.
- 10 REMOVE EXISTING URINAL.
- 11 REMOVE EXISTING DOOR, FRAME TO REMAIN.
- 12 REMOVE EXISTING COUNTER.



18 PARTIAL SECOND FLOOR DEMOLITION PLAN



20 PARTIAL FIRST FLOOR DEMOLITION PLAN



Honolulu Division



DESIGN: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]

KEY PLAN / NOTES :

1. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR COORDINATING INFORMATION. EXTENT OF MECHANICAL AND ELECTRICAL DEMOLITION.
2. REMOVE ALL RESIDENT BASE. MINOR WORK REQUIRED TO SEE FLOOR PLAN AND FINISH SCHEDULE FOR EXTENT OF NEW WORK.

NO.	DATE	REVISIONS

PROJECT TITLE :

ALTERATIONS TO
ALUAMOKU BUILDING

PROJECT NO. :

PMN-02-99

SHEET TITLE :

PARTIAL FIRST AND SECOND
FLOOR DEMOLITION PLANS &
NOTES

DATE:

21 MAY 1998

DWG. NO.:

A1-1

DEMOLITION KEYED NOTES

- 1 REMOVE EXISTING WALL (ENTRY WALL TYPE) AS INDICATED. SEE FLOOR PLAN FOR PROPOSED LAYOUT & EXTENT OF NEW CONSTRUCTION.
- 2 REMOVE EXISTING DOOR AND FRAME.
- 3 REMOVE EXISTING TOILET PARTITION AND DOOR.
- 4 REMOVE EXISTING MIRROR.
- 5 REMOVE EXISTING PRIVACY SCREEN.
- 6 REMOVE & RELOCATE EXISTING LAVATORY. SEE FLOOR PLAN FOR PROPOSED LAYOUT & EXTENT OF NEW CONSTRUCTION.
- 7 REMOVE EXISTING LAVATORY.
- 8 REMOVE EXISTING GLASS SHOWROOM FRAME, GLASS, DOOR, PARTITION, ACCESSORIES FOR RE-USE. SEE FLOOR PLAN FOR ADULT INFO.
- 9 REMOVE EXISTING WATER CLOSET.
- 10 REMOVE EXISTING URINAL.
- 11 REMOVE EXISTING DOOR, FRAME TO REMAIN.
- 12 REMOVE EXISTING COUNTER.



Honolulu, Division



David L. Loo
Professional Engineer
License No. 11117
State of Hawaii

DISC. DRAWN. CHKD. APPD.

KEY PLAN / NOTES :

1. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION & EXTENT OF MECHANICAL AND ELECTRICAL DEMOLITION.
2. REMOVE ALL RESIDENT BASE. REMOVE ALL EXISTING AREA. SEE FLOOR PLAN AND FINISH SCHEDULE FOR EXTENT OF NEW WORK.

NO. DATE REVISIONS

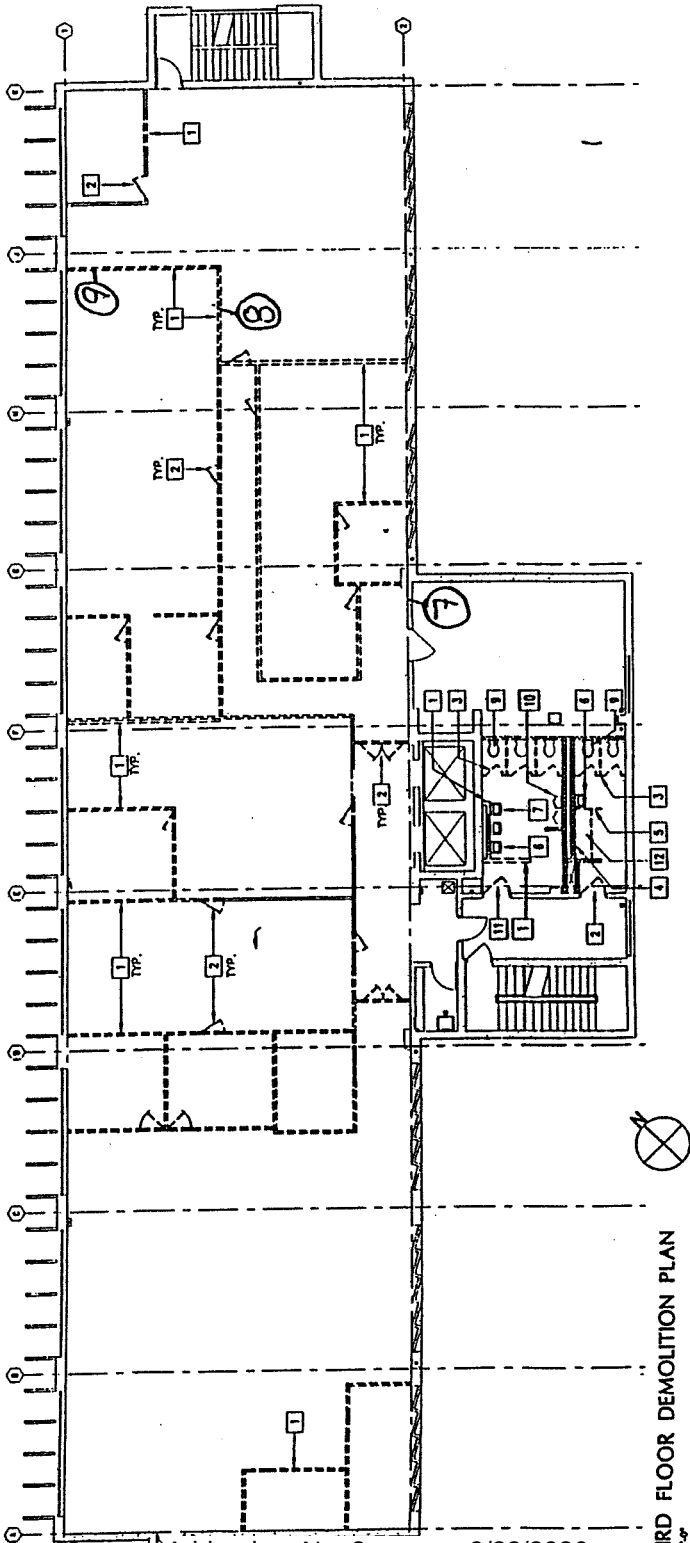
PROJECT TITLE:
ALTERATIONS TO
AJIIMOKU BUILDING

PROJECT NO.:
PMN-02-99

SHEET TITLE:
THIRD FLOOR DEMO PLAN &
NOTES

DATE:
21 MAY 1999
DWG. NO.:

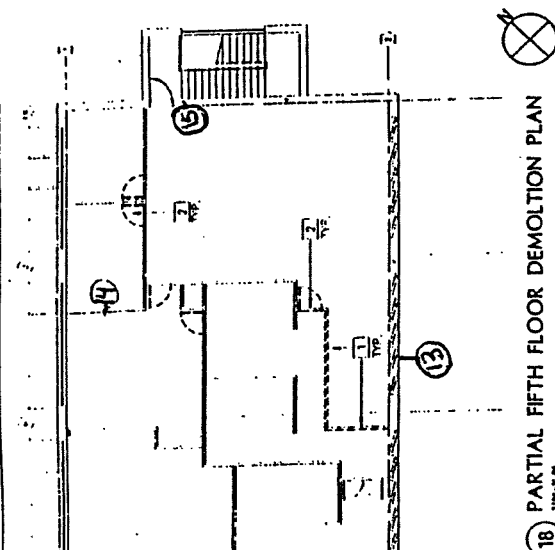
A1-2



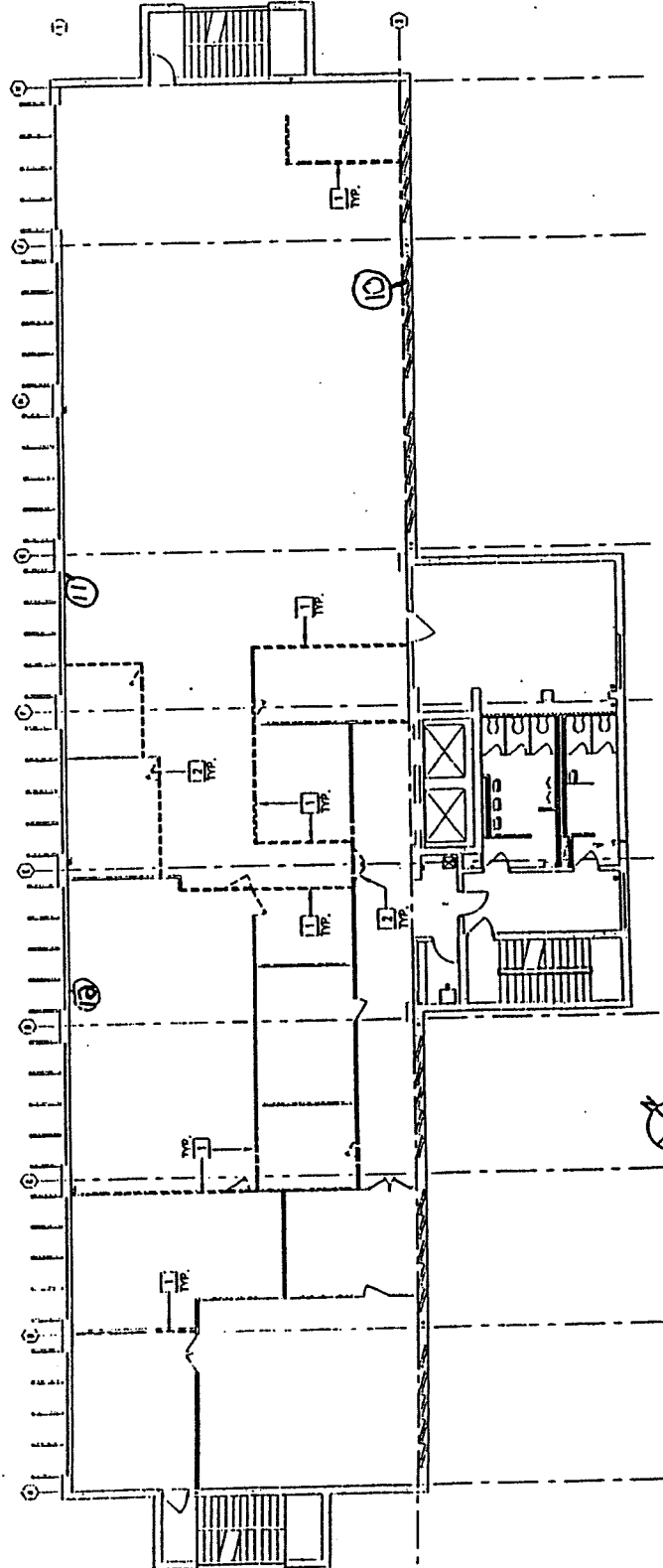
THIRD FLOOR DEMOLITION PLAN

DEMOLITION KEYED NOTES

1. REMOVE EXISTING WALL DEPENDENT ON NEW CONSTRUCTION. SEE FLOOR PLAN FOR PROPOSED LAYOUT & EXTENT OF NEW CONSTRUCTION.
2. REMOVE EXISTING DOOR AND FRAME
3. REMOVE EXISTING TOILET PARTITION AND DOOR
4. REMOVE EXISTING MIRROR
5. REMOVE EXISTING PRIVACY SCREEN
6. REMOVE & RELOCATE EXISTING LAVATORY. SEE FLOOR PLAN FOR PROPOSED LAYOUT & EXTENT OF NEW CONSTRUCTION.
7. REMOVE EXISTING LAVATORY
8. REMOVE EXISTING GLASS STONEWORK FRAME, GLASS, DOOR, PARTITION & ACCESSORIES FOR RE-USE. SEE FLOOR PLAN FOR NEW LAYOUT.
9. REMOVE EXISTING WATER CLOSET
10. REMOVE EXISTING URINAL
11. REMOVE EXISTING DOOR, FRAME TO REMAIN.
12. REMOVE EXISTING COUNTER



18 PARTIAL FIFTH FLOOR DEMOLITION PLAN



20 FOURTH FLOOR DEMOLITION PLAN



[Signature]
 PROJECT ENGINEER

DATE	DESCRIPTION	BY	DATE

KEY PLAN / NOTES :

1. SEE MECHANICAL AND ELECTRICAL SCHEDULES FOR ADDITIONAL INFORMATION & EXTENT OF MECHANICAL AND ELECTRICAL DEMOLITION.
2. REMOVE ALL EXISTING BASE, PARTITION, AND ACCESSORIES FOR FLOOR FINISH AND FLOOR SCHEDULE FOR EXTENT OF NEW WORK.

NO.	DATE	REVISIONS

PROJECT TITLE :

ALTERATIONS TO
 ALIWAHUKU BUILDING

PROJECT NO. :

PMN-02-99

SHEET TITLE :

FOURTH AND PARTIAL FIFTH
 FLOOR DEMOLITION PLANS &
 NOTES

DATE	DWG. NO.
21 MAY 1999	

A1-3



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

IAQ-2017-051

April 21, 2017

Mr. John Williams
State of Hawaii
Department of Transportation
Highways Division
Construction & Maintenance Branch
869 Punchbowl Street, Rm. 404
Honolulu, HI 96813

Dear Mr. Williams:

In response to concerns about the indoor environment, an inspection was conducted at the DOT Highways Division Penthouse, located at 869 Punchbowl St. on March 8, 2017. Several observations were made which could affect the quality of the indoor environment. See the attached Indoor Air Quality Report for findings.

Biological contaminants, particulates, and other indoor contaminants may trigger asthma attacks or allergic reactions and may lead to more severe illnesses in certain susceptible individuals. It is recommended that the following general recommendations (along with the site-specific recommendations stated in the report) be implemented, where applicable, to mitigate potential and/or existing indoor air issues:

1. Fix all water leaks and infiltration, and repair water-damaged areas immediately. Inspect for continued leakage in all areas of the building.
2. Solid non-porous surfaces affected by mold or particulate contamination should be scrubbed with a soap solution. Bleach may be added as a disinfectant in the ratio of one cup of chlorine bleach to one gallon of water. Keep in mind that some individuals may have adverse reactions to bleach. **Be careful not to mix bleach with any cleaners containing ammonia.**
3. Furnishings, carpets, or any textiles affected by biological contaminants should be cleaned and treated outdoors if possible, or discarded. Dry thoroughly before replacing.
4. Provide Personal Protective Equipment (PPE) for cleaning personnel. These should include at minimum, gloves, eye protection and N-95 respirators.
5. Ensure that the air conditioning units are kept in proper working order and replace filters on a timely basis.

6. Routinely inspect the air conditioning unit coils, drain pans, registers and ductwork. Provisions should be made if cleaning is deemed necessary.
7. Develop a general maintenance program to keep all areas clean. Use HEPA-type vacuum units or wet wipe methods when cleaning.
8. See Indoor Air Quality Report for site specific recommendations.

Should you have any questions, please contact me at 586-5800.

Sincerely,



Shawn H. Haruno
Environmental Health Specialist
Indoor and Radiological Health Branch

IAQ complaint number	complaint taken	taken by	referred by	referral date
IAQ-2017-051	02/28/2017	sh		

Complainant Name	Respondent Name		
Lou Honda	State of Hawaii DOT Highways		
Complainant Company	Respondent Address		
State of Hawaii - DOT Highways	869 Punchbowl Street		
Complainant phone number	Respondent City	State	Zip Code
(808) 587-2628	Honolulu	HI	96813-
	Respondent Ph Number	Secondary Number	
	(808) 587-2183		
	Respondent Contact Person		
	John Williams - Maintenance Engineer		

Complaint Name			
State of Hawaii Dept of Transportation			
Complaint Address		Complaint Suite/room number	
869 Punchbowl Street		Penthouse	
Complaint City	Complaint Island	Complaint State	Complaint Zip
Honolulu	Oahu	HI	96813-
Type of Occupancy	Times of incident	Complaint Phone Number	
Office	daily		

Complaint Description/ symptoms	Source
Penthouse - has new people in there and they are having respiratory issues and caused them to use masks.	☐ Hotel Complaint ☐ Home Owner General ?'s ☐ Public General Question ☐ Landlord/Tenant ☐ Public Space Complaint ☐ Private Business Complaint ☐ Landlord/Owner Question ☒ Gov't Agency Request for Assistance
Inspection?	Information sent?
☒	☐

Communications record/ comments
- got new a/c about year and a half. John Williams (sup) 587-2183 or Sharon Nekoba 587-2187 Schedule for 3/8 11:00

Inspection Findings:

3/8/17 10:45am -

Penthouse -

Reception Area - AQM4 Temp- 70.6°F Relative Humidity - 60.9%RH Carbon Dioxide - 553 ppm
Possible mold spots on ductwork outside of entry door. Supply and return registers have particulate accumulation.

Cubicle Area - AQM4 Temp- 69.5°F Relative Humidity - 65.2%RH Carbon Dioxide - 518 ppm
Potted plant not maintained properly. Attached storeroom has a portable a/c unit not in use, plywood covering over window water damaged.

Middle Office - AQM4 Temp- 70.2°F Relative Humidity - 61.2%RH Carbon Dioxide - 532 ppm
Supply register dirty.

Right Office - AQM4 Temp- 67.3°F Relative Humidity - 71.1%RH Carbon Dioxide - 685 ppm

Storeroom - AQM4 Temp- 66.9°F Relative Humidity - 69.2%RH Carbon Dioxide - 548 ppm
Supply and return registers dirty. Possible mold on chairs.

Air conditioning equipment not accessible at the time of inspection. Filters were said to have been changed recently. UV system is present but wasn't able to be verified. Drain line condensate was clear, sludge present and low flow.

406 PPB-M - AQM4 Temp- 71.6°F Relative Humidity - 63.2%RH Carbon Dioxide - 1074 ppm
Supply register has particulate accumulation.

Conclusion/Site Specific Recommendations:

Temperature and relative humidity readings were outside of the recommended range. Temperature is recommended to be between 72°F and 78°F while relative humidity should be kept between 40-60%RH. Low temperatures combined with high relative humidity may lead to condensation issues, which will eventually lead to mold growth. Adjustments should be made to bring the readings within recommended range.

Several of the supply and return registers were impacted with particulate accumulation and should be cleaned periodically.

Remove plants and other sources of moisture if not maintained well. Discard any water damaged materials.

Remove portable A/C unit and remove water damaged plywood covering window. Repair window if needed to prevent moisture incursion.

Discard any furniture and other items with mold growth if cannot be cleaned thoroughly.

Inspected By: Shawn Haruno

Inspection Date: March 8, 2017

Referred to

Referral to date

Report Date: April 21, 2017

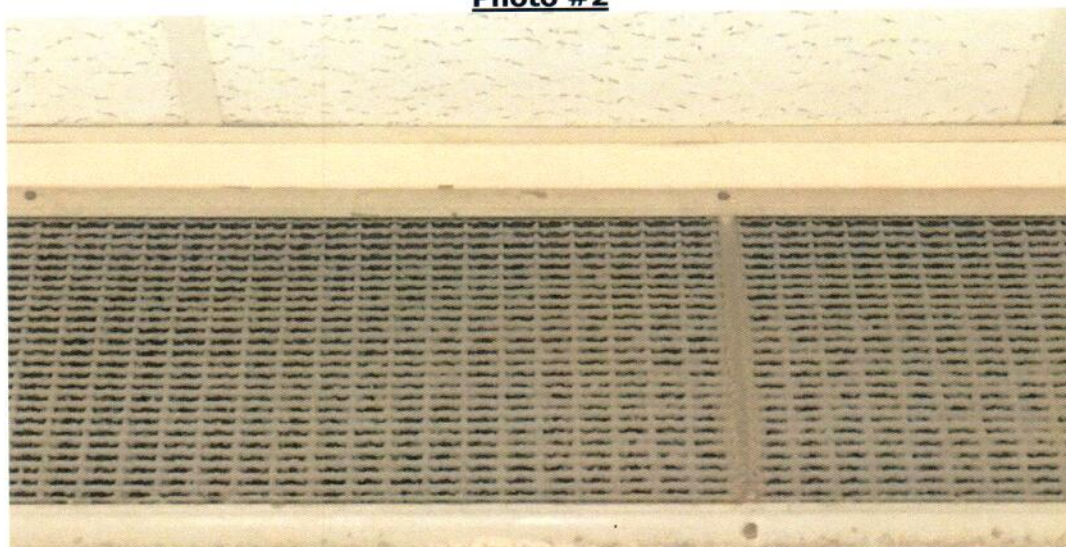
Letter addressed to: John Williams
State of Hawaii
Department of Transportation
869 Punchbowl Street, Rm. 404
Honolulu, HI 96813

Photo #1



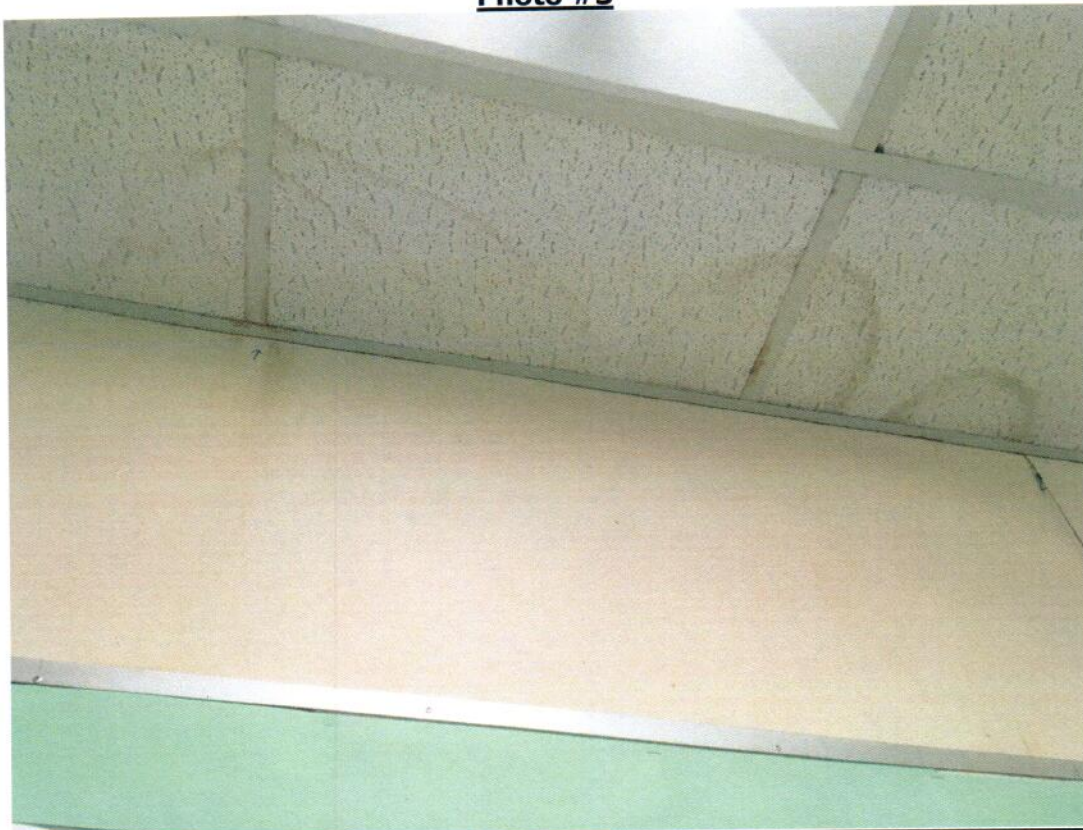
State of Hawaii DOT Highways Penthouse
Mold accumulation due to condensation on ductwork outside of penthouse entrance.

Photo #2



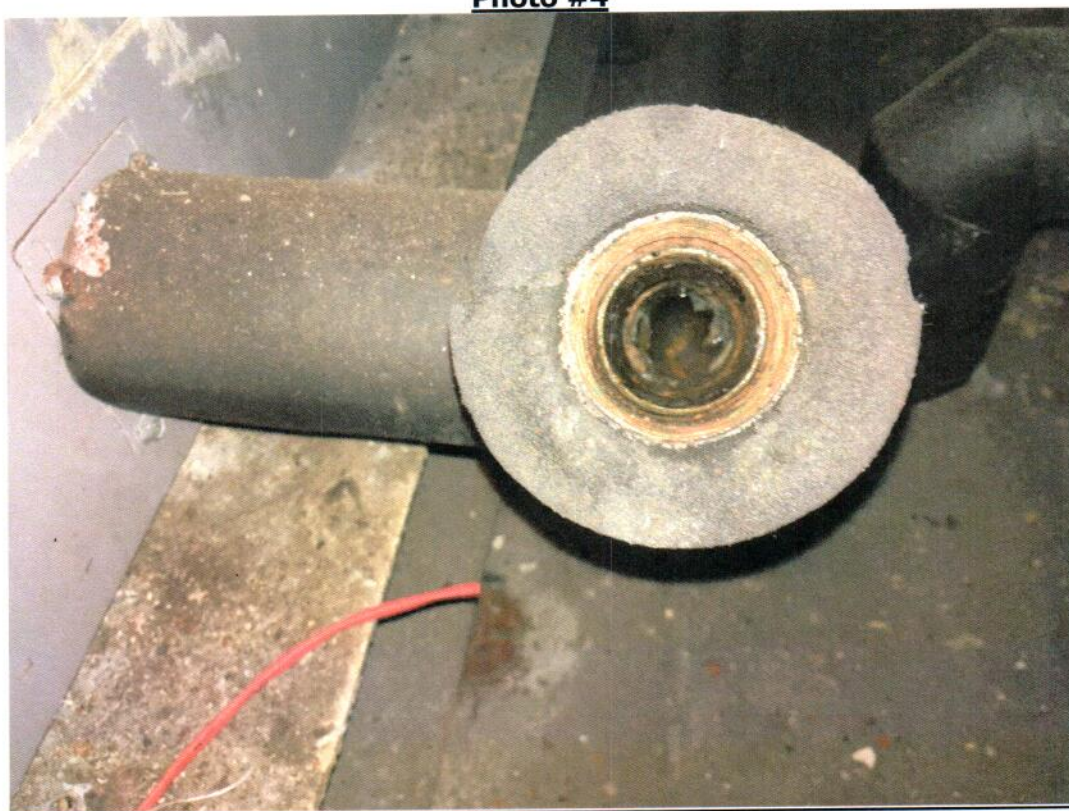
State of Hawaii DOT Highways Penthouse
Return register with particulate accumulation

Photo #3



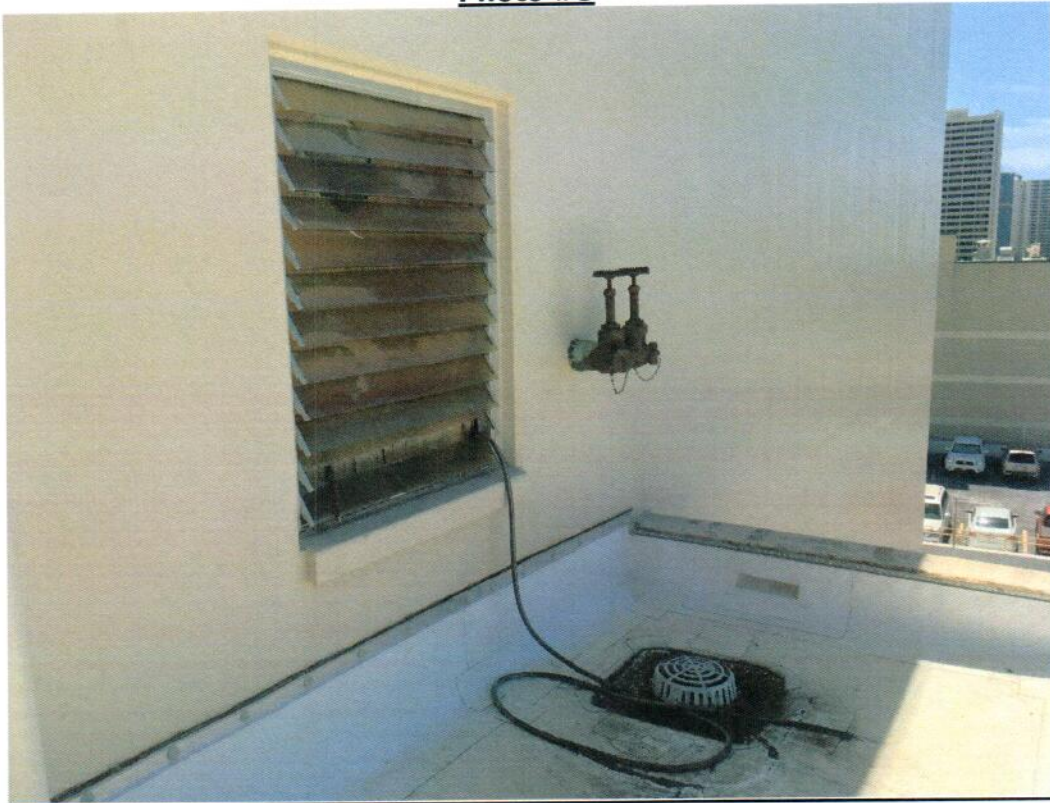
State of Hawaii DOT Highways Penthouse
Ceiling tile with old water damage stains.

Photo #4



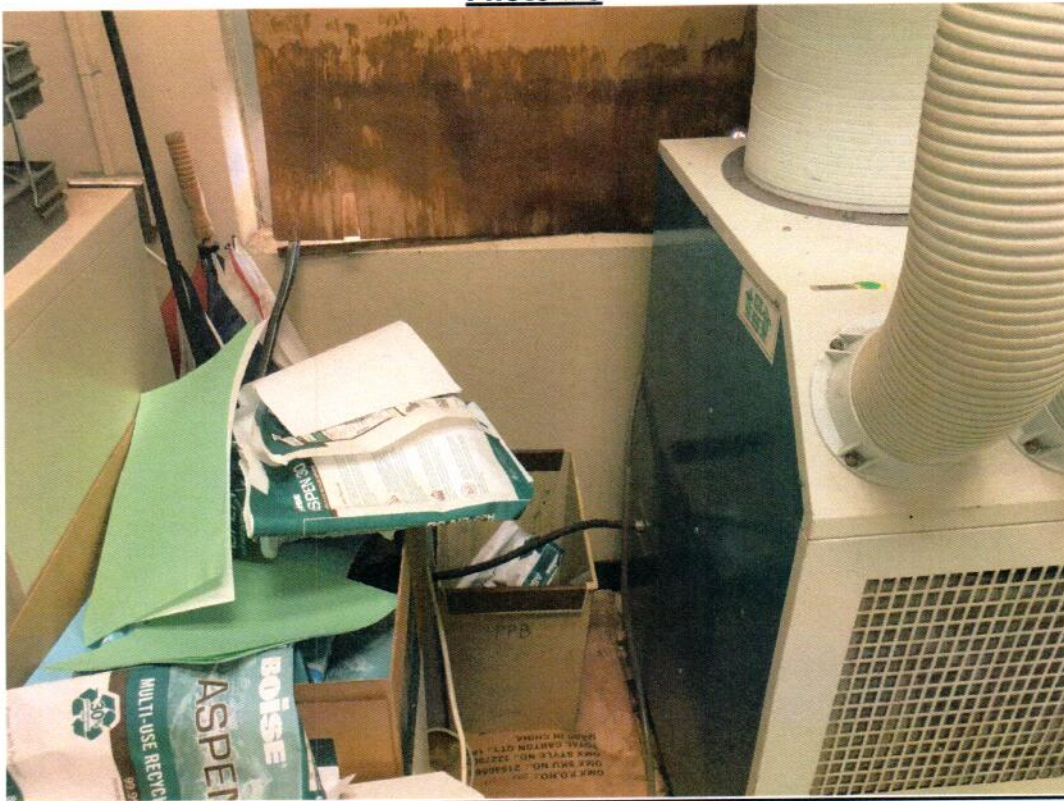
State of Hawaii DOT Highways Penthouse
A/C drainline with clear condensate and slight sludge buildup.

Photo #5



State of Hawaii DOT Highways Penthouse
Exterior view of plywood covered window.

Photo #6



State of Hawaii DOT Highways Penthouse
Portable A/C unit in storeroom with water damaged plywood covering jalousies.

Photo #7



State of Hawaii DOT Highways Penthouse
Plants not being maintained properly.

Photo #8



State of Hawaii DOT Highways Penthouse
Supply register with particulate accumulation.

Photo #9



State of Hawaii DOT Highways Penthouse
Moldy chair in storeroom.

1 Make the following Section a part of the Standard Specifications:

2
3 **"SECTION 615 – SELECTIVE DEMOLITION**

4
5 **615.01 Description.** This section describes all work required for selective
6 demolition for this Project

7
8 **615.02 Materials.** None.

9
10 **615.03 Construction.**

11
12 **(A) General.**

13
14 **(1)** Provide all labor, tools, and equipment necessary to complete
15 all demolition work as described in the drawings. Work shall be
16 phased as required since the HDOT Punchbowl Offices will be in
17 operation during the construction of this Project.

18
19 **(2)** Extent of selective demolition work is indicated on drawings.
20 Work shall be phased to allow for the continued use of facilities.

21
22 **(3)** It shall be the responsibility of the Contractor to examine the
23 project site and determine for himself the existing conditions.

24
25 **(4)** Selective demolition work includes but is not limited to selective
26 demolition, removal, and subsequent disposal of all materials
27 indicated or required to be removed and salvaged for reuse for the
28 State.

29
30 **(5)** Execute all work in an orderly and careful manner with due
31 consideration for all items of work to remain.

32
33 **(6)** All barricades and phasing shall allow NFPA 101 and ICBO
34 UBC safe exiting of the remaining facilities at all times unless
35 otherwise allowed in writing by the Contracting Officer. Provide
36 temporary features as necessary to conform to this requirement. All
37 debris of any kind accumulated from the work of this Section shall be
38 disposed off the site.

39
40 **(7)** Burning of any debris on-site will not be permitted.

41
42 **(8)** Clean and deliver salvaged items not reinstalled on location as
43 directed by the Contracting Officer.

44
45 **(B) Submittals**

(1) Schedule: Submit six copies of schedule indicating proposed methods and sequence of operations for selective demolition work to the Contracting Officer for review prior to commencement of work. Include coordination for temporary shut-off and continuation of utility services as required, together with details for dust and noise control protection. All demolition and removal work must be coordinated with the Contracting Officer.

(C) Job Conditions

(1) Condition of Structure: The State assumes no responsibility for actual condition of items or portions of structure and appurtenances to be demolished or removed.

(2) Conditions existing at time of commencement of contract will be maintained by the State as practical

(3) Do not interfere with use of adjacent occupied spaces. Maintain free and safe passage to and from occupied spaces.

(4) Partial Demolition and Removal: Items indicated to be removed but not indicated for either reinstallation at the same or new location or for salvage by the State but of salvageable value to Contractor, may be removed from structure as work progresses. Materials to be reinstalled or for salvage by the State shall be carefully removed by workmen skilled in the installation of similar materials. Transport salvaged items for the State from site to a storage location as they are removed.

(5) Store materials indicated to be reinstalled in a manner that protects the material from damage or deterioration.

(6) Deliver materials to be salvaged for the State to a location at the as directed by the Contracting Officer.

(7) Storage or sale of removed items on site will not be permitted.

(8) Protections: Provide temporary barricades and other forms of protection as required to protect the general public from injury due to selective demolition work and to maintain security.

(a) Provide interior and exterior shoring, bracing, or support to prevent movement, settlement, or collapse of structure or elements to be demolished, and adjacent facilities or work to remain.

93 (b) Protect from damage existing finish work that is to remain
94 in place and becomes exposed during demolition operations.
95

96 (c) Life safety procedures and provisions shall be in
97 conformance with all applicable Federal, State, and City and
98 County regulations, including HOSHA. Remove protections at
99 completion of work.
100

101 (9) Damages: Promptly repair damages caused to adjacent
102 facilities by demolition work at no cost to the State.
103

104 (10) Traffic: Conduct selective demolition operations and debris
105 removal in a manner to ensure minimum interference with roads,
106 streets, walks, and other adjacent occupied or used facilities. Do not
107 close, block or otherwise obstruct streets, walks, or other occupied or
108 used facilities without written permission from the Contracting Officer.
109 Provide alternate routes around closed or obstructed traffic ways if
110 required by governing regulations, as directed by the Contracting
111 Officer.
112

113 (11) Explosives: Use of explosives will not be permitted.
114

115 (12) Utility Services: The existence of above and below ground
116 utility lines other than those shown on the drawings is not definitely
117 known. Should any other utility lines be encountered, the Contractor
118 shall immediately notify the Contracting Officer and follow his
119 direction as to procedure. Maintain existing utilities indicated to
120 remain, keep in service, and protect against damage during
121 demolition operations. Do not interrupt existing utilities serving
122 occupied buildings or facilities, except when authorized in writing by
123 the Contracting Officer. Outages and interruptions must be approved
124 in advance by the Contracting Officer. Submit written notice of
125 outages and interruptions not less than fourteen days in advance of
126 intended outage. Report damage, however slight, immediately. Do
127 not repair or reconstruct any pipe, conduit, or installation without
128 authorization, except perform emergency repairs immediately.
129

130 (D) **Dust Control:**
131

132 (1) Keep dust within acceptable levels at all times, including non-
133 working hours, weekends, and holidays, in conformance with Chapter
134 60.1 - Air Pollution Control of the DOE Department of Health, Public
135 Health Regulations, latest edition.
136

137 (2) Only wet grinding or cutting of concrete and masonry will be
138 allowed on exterior surfaces. Concrete slurry shall be vacuumed
139 immediately and not allowed to enter the storm drain system.

140
141 (3) Mechanical dry sweeping not permitted. Vacuuming, wet
142 mopping, approved limited dry hand, wet, or damp sweeping is
143 acceptable.

144
145 (4) During loading operations, water down debris and waste
146 materials to allay dust.

147
148 (5) The method of dust control and all cost incurred thereof shall be
149 the responsibility of the Contractor.

150
151 **(E) Noise Control:**

152
153 (1) Noise shall be kept within acceptable levels at all times in
154 conformance with State Department of Health, Title II, Administrative
155 Rules, Chapter 46 - Community Noise Control.

156
157 The Contractor shall obtain and pay for community noise permit from
158 the State Department of Health when the construction equipment or
159 other devices emit noise at level exceeding the allowable limits.

160
161 (2) All internal combustion engine powered equipment shall have
162 mufflers to minimize noise and shall be properly maintained to reduce
163 noise to acceptable levels.

164
165 (3) Starting up of on-site vehicular equipment meeting allowable
166 noise limits shall not be done prior to 6:45 a.m. without prior approval
167 of the Contracting Officer. Equipment exceeding allowable noise
168 limits shall not be started prior to 7:00 a.m.

169
170 **(F) Other Controls:**

171
172 (1) Wherever trucks and/or vehicles leave the site and enter
173 surrounding paved streets, the Contractor shall prevent any material
174 from being spilled onto the pavement. Wastewater shall not be
175 discharged into existing streams, waterways, or drainage systems
176 such as gutter and catch basins unless treated to comply with
177 Department of Health pollution regulations.

178
179 (2) Trucks hauling materials shall be covered as required by PUC
180 regulation. Trucks hauling fine materials shall be covered.

182 (3) Noxious fumes and offensive odors shall be kept within
183 acceptable levels at all times including non-working hours. Sufficient
184 ventilation shall be employed, especially in confined areas, to
185 minimize the effects of the fumes and odors.

186
187 (4) Whenever truck and/or vehicles cross any hardstand, taxiway,
188 runway or other area utilized by aircraft, the Contractor shall prevent
189 any material from being spilled. Should any material be spilled, it
190 shall be removed immediately to prevent a FOD problem.

191
192 **(G) Contract Zone Limits**

193
194 The Contract Zone Limits shall generally be as indicated on the key plans
195 and/or site plans, however, work outside the Zone Limits necessary to
196 complete the project shall be included.

197
198 **(H) Maintaining Traffic**

199
200 (1) The Contractor shall conduct operations with minimum
201 interference streets, driveways, sidewalks, etc.

202
203 (2) When necessary, the Contractor shall provide, erect and
204 maintain lights, barriers, etc., as required by traffic and safety
205 regulations with special attention to protection of life.

206
207 **(I) Execution**

208
209 (1) INSPECTION: Prior to commencement of selective demolition
210 work, inspect areas in which work will be performed. Inventory
211 existing conditions of structure surfaces, equipment or surrounding
212 properties, which could be misconstrued as damage resulting from
213 selective demolition work; photograph, video or otherwise document
214 and file with the Contracting Officer prior to starting work.

215
216 **(J) Preparation**

217
218 (1) Provide temporary security and phasing barriers as indicated or
219 as directed by the Contracting Officer.

220
221 (2) Refer to notes on drawings regarding work on exterior utilities.
222 Provide by-pass connections as necessary to maintain continuity of
223 service to adjacent occupied buildings.

224
225 (3) Water and sewer facilities shall be available and in operating
226 condition at all times. All dust shall be suppressed by a fog spray or
227 other approved method.

(4) The Contractor shall visit the project site, examine the premises and note all existing conditions and the extent involved for the complete and proper execution of all work as called for on the plans and as herein-after specified.

(K) Barricades

(1) Erect temporary barricades as required, to prevent people from entering into project area to the extent as acceptable to the Contracting Officer. The extent of barricade may be adjusted as necessary with the acceptance of the Contracting Officer. This work shall be accomplished at no extra cost to the State.

(2) When necessary, the Contractor shall provide, erect and maintain lights, barriers, etc., as required by traffic and safety regulations with special attention to protection of life.

(L) Selective Demolition

(1) Perform selective demolition work, including all exterior improvements indicated on the drawings, in a systematic manner. Use such methods as required to complete work indicated on drawings in accordance with demolition schedule and governing regulations.

(2) Demolish concrete, masonry, and stone work in small sections. Cut concrete and masonry at junctures with construction to remain using power-driven masonry saw or hand tools; do not use power-driven impact tools.

(3) Provide services for effective air and water pollution controls as required by local authorities having jurisdiction. All dust shall be suppressed by a fog spray or other methods acceptable to the Contracting Officer.

(4) Water and sewer facilities shall be available and in operating condition at all times.

(5) Demolish and remove existing materials as required within the Contract Zone Limits, with the exception of any structures to remain and any active water, drainage, electrical, etc., lines, and boxes, unless otherwise directed by the Contracting Officer.

(6) If unanticipated mechanical, electrical or structural elements which conflict with intended function or design are encountered,

investigate and measure both nature and extent of the conflict.
Submit report to the Contracting Officer in written, accurate detail.
Pending receipt of directive from the Contracting Officer rearrange
selective demolition schedule as necessary to continue overall job
progress without delay.

(7) Abandoned utility lines shall be removed if within the demolition
depth, and plugged and abandoned in place if below this depth.

(8) Trenches, holes, depressions, and pits left by the removal of
miscellaneous improvements shall be backfilled to the satisfaction of
the Contracting Officer. Backfill with suitable material and compact to
95% maximum dry density as determined by ASTM Test Method D
1557.

(M) Disposal of Demolished Materials: Remove debris, rubbish, and
other materials resulting from demolition operations from building site daily.
Transport and legally dispose of materials off site.

(1) If hazardous materials are encountered during demolition
operations, comply with applicable regulations, laws, and ordinances
concerning removal, handling, and protection against exposure or
environmental pollution.

(2) Burning of removed materials is not permitted on project site.

(3) Contractor shall submit a disposal manifest to the Contracting
Officer.

(N) Clean Up and Repair

(1) Upon completion of demolition work, remove tools, equipment,
and demolished materials from site. Remove protections and leave
interior areas broom clean.

(2) Repair demolition performed in excess of that required. Return
structures and surfaces to remain to condition existing prior to
commencement of selective demolition work. Repair adjacent
construction or surfaces soiled or damaged by selective demolition
work.

(3) All existing grass areas disturbed or damaged due to
construction or ingress or egress to the site shall be repaired to its
original conditions. Grass areas shall be recultivated, topsoiled, and
then grassed with the same kind and type of material as existing, in a
manner acceptable to the Contracting Officer.

615.04 Measurement.

(A) The Engineer will measure Selective Demolition, Remove Select Wood Wall Paneling, Demolition of Acoustical Ceiling Tiles and Grids, Removal of Carpet per square foot in accordance with the Contract Documents.

(B) Removal of Marker Boards and Demolition of Cabinets, demolition mobilization and clean-up, will be paid on a lump sum basis. Measurement for payment will not apply.

615.05 Payment. The Engineer will pay for the accepted pay items listed below at the contract pay unit price, as shown in the proposal schedule. Payment will be full compensation for the work prescribed in this section and the contract documents.

The Engineer will pay for each of the following pay items when included in the proposal schedule:

Pay Item	Pay Unit
Demolition Mobilization & Clean-up	LS
Selective Demolition (Wall)	Square Feet
Remove Select Wood Wall Paneling	Square Feet
Remove Marker Boards	LS
Demolition of Acoustical Ceiling Tiles/Grids	Square Feet
Demolition of Cabinets	LS
Demolition – Carpet Removal	Square Feet"

END OF SECTION 615

1 Make the following Section a part of the Standard Specifications:

2
3 **"SECTION 664 – DOOR HARDWARE**
4

5 **664.01 Description.** This section describes the door hardware work.

6
7 **(A)** Provide all hardware to doors indicated on the drawings, including
8 the following:

9
10 **(1)** Door Thresholds.
11

12 **664.02 Materials.**

13
14 **(A) Source Limitations:** Obtain each type of door hardware from a
15 single manufacturer.

16
17 **(B) Accessibility Requirements:** Comply with 2010 ADAAG, Section
18 404.2.5 for thresholds.

19
20 **(1)** Bevel raised door thresholds with a slope of not more than 1:2.
21 Provide thresholds not more than ½-inch high.

22
23 **(2)** Meet BHMA A156.21; fabricated to full width of opening
24 indicated.

25
26 **(C) Base Metals:** Product door hardware units of base metal indicated,
27 fabricated by forming method indicated, using manufacturer's standard
28 metal alloy, composition, temper, and hardness. Furnish metals of a quality
29 equal to or greater than that of specified door hardware units and BHMA
30 A156.18.

31
32 **(D) Fabrication.** Noticeable variations are not acceptable.
33

34 **664.03 Construction.**

35
36 **(A) Submittals.**

37
38 **(1)** Product Data. Submit manufacturer's product data and
39 specifications for type of hardware required for approval.

40
41 **(2)** Include construction details, material descriptions, dimensions
42 of individual components and profiles, and finishes.

43
44 **(3)** Samples: For each exposed product in each finish specified,
45 in manufacturer's standard size.
46

47 **(4)** Samples for Verification: For each type of exposed product, in
48 each finish specified.

49 **a.** Sample Size: Minimum 2 by 4 inch.

50
51
52 **(B) Delivery, Storage and Handling.**

53
54 **(1)** Inventory door hardware on receipt and provide secure lock-
55 up for hardware delivered to Project site.

56
57 **(C) Warranty.**

58
59 **(1) Special Warranty.** Manufacturer agrees to repair or replace
60 components of door hardware that fail in materials or workmanship
61 within specified warranty period.

62 **a.** Failures include, but are not limited to, the following:

63 **i.** Structural failures include excessive deflection,
64 cracking or breakage.

65 **ii.** Deterioration of metals, metal finishes, and other
66 materials beyond normal wear and use.

67
68 **b.** Warranty Period: Five years from date of final project
69 acceptance.
70

71
72
73
74 **(D) Examination.**

75
76 **(1)** Proceed with installation only after unsatisfactory conditions
77 have been corrected.

78
79 **(E) Installation.**

80
81 **(1)** Install door hardware item to comply with manufacturer's
82 written instructions. Do not install surface-mounted items until
83 finishes have been completed on substrates involved.

84 **a.** Set units level, plumb, and true to line and location.
85 Adjust and reinforce attachment substrates as necessary
86 for proper installation and operation.
87

88
89 **(F) Adjusting.**
90

- (1) Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended.

(G) Hardware Schedule.

- (1) Basis-of-Design product: Hager Companies, 402S, 3-inch wide door threshold.

a. Finishes: Aluminum mill finish.

b. Height: ½-inch.

664.04 Measurement. Payment for door thresholds will be paid on a Lump Sum basis. The Engineer will not measure for payment.

675.01 Basis of Payment. The Engineer will pay for the door thresholds on a lump sum basis. The price includes full compensation for door thresholds and furnishing labor, tools, materials, equipment and incidentals necessary to complete the work.

The Engineer will pay for the following pay item when included in the proposal schedule:

Pay Item	Pay Unit
Door Threshold	Lump Sum"

END OF SECTION 664

1 Make the following Section a part of the Standard Specifications:

2
3 **"SECTION 678 - ACOUSTICAL PANEL CEILINGS**

4
5 **678.01 Description.** This section describes the acoustical panel ceilings work.

6
7 **(A) Section Includes:**

- 8
9 (1) Acoustical ceiling panels.
10
11 (2) Exposed grid suspension system.
12
13 (3) Wire hangers, fasteners, main runners, cross tees, and wall
14 angle moldings.

15
16 **(B) Related Sections:**

- 17
18 (1) Section 683 – GENERAL MECHANICAL REQUIREMENTS,
19 Section 685 – AIR CONDITIONING AND VENTILATION: Coordinate
20 all mechanical items.
21
22 (2) Section 686 – ELECTRICAL WORK: Coordinate all electrical
23 items.

24
25 **(C) System Description**

26
27 Seismic Loads. Design and size components to withstand seismic loads in
28 accordance with the International Building Code, Section 1621 for Category
29 D, E, and F.

30
31 **(D) References**

- 32
33 (1) ASTM A568 Standard Specification for Steel, Sheet, Carbon,
34 Structural, and High-Strength, Low-Alloy, Hot-Rolled and Cold-
35 Rolled, General Requirements.
36
37 (2) ASTM A 641 Standard Specification for Zinc-Coated
38 (Galvanized) Carbon Steel Wire.
39
40 (3) ASTM A 653 Standard Specification for Steel Sheet, Zinc-
41 Coated (Galvanized) by the Hot-Dip Process.
42
43 (4) ASTM A 1008 Standard Specification for Steel, Sheet, Cold
44 Rolled, Carbon, Structural, High-Strength Low-Alloy and High-
45 Strength Low-Alloy with Improved Formability
46

- 47 **(5)** ASTM C 423 Sound Absorption and Sound Absorption
48 Coefficients by the Reverberation Room Method.
- 49
- 50 **(6)** ASTM C 635 Standard Specification for Metal Suspension
51 Systems for Acoustical Tile and Lay-in Panel Ceilings.
- 52
- 53 **(7)** ASTM C 636 Recommended Practice for Installation of Metal
54 Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels.
- 55
- 56 **(8)** ASTM E 84 Standard Test Method for Surface Burning
57 Characteristics of Building Materials.
- 58
- 59 **(9)** ASTM E 1414 Standard Test Method for Airborne Sound
60 Attenuation Between Rooms Sharing a Common Ceiling Plenum.
- 61
- 62 **(10)** ASTM E 1111 Standard Test Method for Measuring the
63 Interzone Attenuation of Ceilings Systems.
- 64
- 65 **(11)** ASTM E 1264 Classification for Acoustical Ceiling Products.
- 66
- 67 **(12)** ASTM E 1477 Standard Test Method for Luminous
68 Reflectance Factor of Acoustical Materials by Use of Integrating-
69 Sphere Reflectometers.
- 70
- 71 **(13)** ASTM D 3273 Standard Test Method for Resistance to Growth
72 of Mold on the Surface of Interior Coatings in an Environmental
73 Chamber.
- 74
- 75 **(14)** ASTM E 119 Standard Test Method for Fire Tests of Building
76 Construction and Material.
- 77
- 78 **(15)** International Code Council-Evaluation Services - AC 156
79 Acceptance Criteria for Seismic Qualification Testing of Non-
80 structural Components
- 81
- 82 **(16)** International Code Council-Evaluation Services - Evaluation
83 Report, ESR-1308, Fire- and Nonfire-Resistance-Rated Suspended
84 Ceiling Framing Systems
- 85
- 86 **(17)** ASCE 7 Standard - American Society of Civil Engineers,
87 Minimum Design Loads for Buildings and Other Structures
- 88
- 89 **(18)** CISCA Seismic Zones 3 & 4 - Ceilings and Interior Systems
90 Construction Association Guidelines for Seismic Restraint for Direct
91 Hung Suspended Ceiling Assemblies
- 92

93 **678.02 Materials.**

94
95 **(A) Manufacturers**

96
97 **(1) Ceiling Panels:**

98
99 Armstrong World Industries, Inc., or approved equal.

100
101 **(2) Suspension Systems:**

102
103 Armstrong World Industries, Inc., or approved equal.

104
105 **(B) Acoustical Ceiling Units.**

106
107 For convenience, the Basis-of Design product provided is Armstrong World
108 Industries, Inc., as described below.

109
110 **(1) Acoustic Panels.** Provide the following acoustic panels where
111 indicated.

112
113 **(a)** ULTIMA Lay-In and Tegular.

114
115 **(b)** Surface Texture: Fine Texture.

116
117 **(c)** Color: White.

118
119 **(d)** Pattern: Type III, Form 1, pattern E1.

120
121 **(e)** Class: A; flame spread 25 or under.

122
123 **(f)** Light Reflectance: 0.88, minimum.

124
125 **(g)** NRC: 0.75, minimum.

126
127 **(h)** CAC: 40.

128
129 **(i)** Size: 24-inches x 24-inches, and as required.

130
131 **(j)** Thickness: 3/4-inch.

132
133 **(k)** Edge: Beveled Tegular, lay-in.

134
135 **(l)** Finish: Factory-applied latex paint.

136
137 **(2) Suspension System.** Lay-in system shall consist of regular
138 exposed grid of 15/16-inch main runner and cross tees.

(a) Runner and Tees: Main runner and cross tees shall be as recommended by the manufacturer of the suspended system, conforming to the structural classification, ASTM C 635. Main runners and cross tees shall be double-web intermediate-duty cold rolled steel, hot dip-galvanized coated, pre-finish bake painted in color as selected from manufacturer's full range.

(b) Moldings: Edge moldings of profile as indicated shall be as recommended by the manufacturer of suspended system, matching carrier and cross tee in metal and finish.

(c) Hanger Wires: ASTM A 641/A 641M zinc coated carbon steel wire, Class 1, 12-gauge, galvanized steel.

(d) Hold Down Clips: Manufacturer's standard hold-down clips spaced 24-inches on center on all cross tees.

(C) Suspension Systems

(1) Components. Main beams and cross tees in accordance with the International Building Code, Section 1621 for Category D, E and F as described in ESR-1308.

(a) Structural Classification: ASTM C 635, Heavy Duty.

(b) Color: White and match the actual color of the selected ceiling tile, unless noted otherwise.

(c) Represented Systems: (Prelude XL 15/16") (Prelude XL Fire Guard 15/16") (Prelude Plus XL Fire Guard 15/16") (Suprafine XL 9/16") (Suprafine XL Fire Guard 9/16") Exposed Tee Systems; (Silhouette XL 1/4" Reveal 9/16" Bolt Slot System) (Silhouette XL 1/8" Reveal 9/16" Bolt Slot System) as manufactured by Armstrong World Industries.

(2) Attachment Devices. In accordance with the International Building Code, Section 1621 for Category D, E, and F.

(3) Wire for Hangers and Ties. In accordance with the International Building Code, Section 1621.

(4) Wall Moldings. In accordance with the International Building Code, Section 1621 for Category D, E, and F or method as described in ESR-1308.

(a) Nominal 7/8 inch x 7/8 inch hemmed, pre-finished angle molding (7800) (7802) (7803) (780036) (HD7801)

(b) Nominal 15/16 inch x 15/16 inch hemmed, pre-finished angle molding (7809)

(5) Accessories.

(a) BERC2 – 2 inch Beam End Retaining Clip, 0.034 inch thick, hot-dipped galvanized cold-rolled steel per ASTM A568 – used to join main beam or cross tee to wall molding.

(b) SJCG – Seismic Joint Clip, 5 inches x 1-1/2 inch, hot-dipped galvanized cold-rolled steel per ASTM A568. The two piece unit is designed to accommodate a seismic separation joint. The clip is compatible with 15/16 inch and 9/16 inch grid systems including Prelude, Suprafine, and Silhouette. The SJCG is not suitable for use with Vector panel installations.

(D) USG Mars ClimaPlus 86785 ceiling panels and USG Donn DXL 15/16-inch suspension system is an acceptable substitution for the Basis-of-Design product, provided product complies with all performance criteria and referenced standards.

678.03 Construction.

(A) Submittals

(1) Product Data. Submit manufacturer's technical data for each type of acoustical ceiling unit and suspension system required.

(2) Samples. Minimum 6 inch x 6 inch samples of specified acoustical panel; 8 inch long samples of exposed wall molding and suspension system, including main runner and 4 foot cross tees.

(3) Shop Drawings. Layout and details of acoustical ceilings. Show locations of items which are to be coordinated with, or supported by the ceilings.

(4) Certifications. Manufacturer's certifications that system complies with specified requirements:

(a) For seismic performance: International Code Council Evaluation Report, ESR-1308.

(b) For acoustical performance, each carton of material must carry an approved independent laboratory classification of NRC, CAC, and AC.

(5) If the material supplied by the acoustical subcontractor does not have an Underwriter's Laboratory classification of acoustical performance on every carton, subcontractor shall be required to send material from every production run appearing on the job to an independent or NVLAP approved laboratory for testing, at the architect's or owner's discretion. All products not conforming to manufacturer's current published values must be removed, disposed of and replaced with complying product at the expense of the Contractor performing the work.

(B) Quality Assurance

(1) Single-Source Responsibility. Provide acoustical panel units and grid components by a single manufacturer.

(2) Fire Performance Characteristics. Identify acoustical ceiling components with appropriate markings of applicable testing and inspecting organization.

(a) Surface Burning Characteristics. As follows, tested per ASTM E 84 and complying with ASTM E 1264 for Class A products.

(i) Flame Spread: 25 or less

(ii) Smoke Developed: 50 or less

(b) Fire Resistance Ratings. As indicated by reference to design designations in UL Fire Resistance Directory, for types of assemblies in which acoustical ceilings function as a fire protective membrane and tested per ASTM E 119.

Protect lighting fixtures and air ducts to comply with requirements indicated for rated assembly.

(3) Seismic Performance. Provide acoustical ceiling system that has been evaluated by an independent party and found to be compliant with the 2003 International Building Code, Seismic Category D, E, and F.

Tested per International Code Council – Evaluation Services – AC 156 Acceptance Criteria for Seismic Qualification Testing of Non-

structural Components as evidenced by International Code Council Evaluation Report, ESR-1308.

(4) Coordination of Work. Coordinate acoustical ceiling work with installers of related work including, but not limited to building insulation, gypsum board, light fixtures, mechanical systems, electrical systems, and sprinklers.

(C) Delivery, Storage, and Handling

(1) Deliver acoustical ceiling units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.

(2) Before installing acoustical ceiling units, permit them to reach room temperature and a stabilized moisture content.

(3) Handle acoustical ceiling units carefully to avoid chipping edges or damaged units in any way.

(D) Project Conditions

Space Enclosure:

Standard Ceilings: Do not install interior ceilings until space is enclosed and weatherproof; wet work in place is completed and nominally dry; work above ceilings is complete; and ambient conditions of temperature and humidity are continuously maintained at values near those intended for final occupancy. Building areas to receive ceilings shall be free of construction dust and debris.

(E) Warranty

(1) Acoustical Panel. Submit a written warranty executed by the manufacturer, agreeing to repair or replace acoustical panels that fail within the warranty period. Failures include, but are not limited to:

(a) Acoustical Panels: Sagging and warping

(b) Grid System: Rusting and manufacturer's defects

(2) Warranty Period.

(a) Acoustical panels: Two (2) year from date of substantial completion.

(b) Cirrus Acoustical panels: Ten (10) years from data of substantial completion. Note Space Enclosure requirements.

(c) Grid: Ten years from date of substantial completion.

(3) The Warranty shall not deprive the State of other rights the State may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents.

(F) Maintenance

Extra Materials. Deliver extra materials to State. Furnish extra materials described below that match products installed. Packaged with protective covering for storage and identified with appropriate labels.

(1) Acoustical Ceiling Units. Furnish quality of full-size units equal to 5.0 percent of amount installed.

(2) Exposed Suspension System Components. Furnish quantity of each exposed suspension component equal to 2.0 percent of amount installed.

(G) Examination

Do not proceed with installation until all wet work such as concrete, terrazzo, plastering and painting has been completed and thoroughly dried out, unless expressly permitted by manufacturer's printed recommendations. (Exception: HumiGuard Max Ceilings)

(H) Preparation

(1) Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Avoid use of less than half width units at borders, and comply with reflected ceiling plans. Coordinate panel layout with mechanical and electrical fixtures.

(2) Coordination. Furnish layouts for preset inserts, clips, and other ceiling anchors whose installation is specified in other sections.

Furnish concrete inserts and similar devices to other trades for installation well in advance of time needed for coordination of other work.

(I) Installation (Category D,E,F)

(1) Install suspension system and panels in accordance with the International Building Code, Section 1621, except as noted in Section 4.4.3.1 of ESR-1308, and with the authorities having jurisdiction.

(2) ESR-1308, Section 4.4.3.1, Alternate Seismic Design Category D, E and F Installation.

Under this installation, the runners must be rated heavy-duty and have a minimum simple span uniform load of 16.35 pounds per lineal foot (238 N/m); maximum ceiling weight permitted is 1.80 pounds per square foot (8.78 kg/m²).

(a) The BERC-2 clip is used to secure the main runners and cross runners on two adjacent walls to the structure and the two opposite walls to the perimeter trim, as detailed below. A nominal 7/8-inch (22 mm) wall molding is used in lieu of the 2-inch (51 mm) perimeter supporting closure angle required by Section 9.6.2.6.2.2 (b) of ASCE-7 for Seismic Design Categories D, E and F. Except for the use of the BERC-2 clip and the 7/8-inch (22 mm) wall molding and elimination of spreader bars, installation of the ceiling system must be as prescribed by the applicable code.

(b) The BERC-2 clip is attached to the wall molding by sliding the locking lances over the hem of the vertical leg of the wall molding. Clips installed on the walls where the runners are fixed are attached to the runner by a sheet metal screw through the horizontal slot in the clip into the web of the runner.

(c) Clips installed on the walls where the runners are not fixed to the runner allow the terminal runner end to move 3/4 inch (19.1 mm) in both directions. BERC-2 clips installed in this manner are an acceptable means of preventing runners from spreading in lieu of spacer bars required in CISCA 3-4, which is referenced in ASCE 7, Section 9.6.2.6.2.2, which is referenced in IBC Section 1621.

(3) The SJCG Seismic Separation Joint Clip is to be installed per the manufacturer's instructions, CS-3815.

(4) The presence of a hanger wire within 3 inches of an expansion relief joint as called for in ASTM C636 shall be required in addition to

the requirements of the International Building Code, Section 1621.2.5 and with the authorities having jurisdiction.

Only applies when using Prelude XL Fire Guard 15/16"; Prelude Plus XL Fire Guard 15/16"; and Suprafine XL Fire Guard 9/16" Exposed Tee Systems.

(5) For reveal edge panels: Cut and reveal or rabbet edges of ceiling panels at border areas and vertical surfaces.

(6) Install acoustical panels in coordination with suspended system, with edges resting on flanges of main runner and cross tees. Cut and fit panels neatly against abutting surfaces. Support edges by wall moldings.

(J) Adjusting and Cleaning

Replace damaged and broken panels:

Clean exposed surfaces of acoustical ceilings, including trim, edge moldings, and suspension members. Comply with manufacturer's instructions for cleaning and touch up of minor finish damage. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

678.04 Measurement. Acoustical Panel Ceilings will be paid for on a square foot basis.

678.05 Basis of Payment. The Engineer will pay for the accepted Acoustical Panel Ceilings on a contract square foot basis. Payment will be in full compensation for acoustical panel ceilings and furnishing labor, tools, materials, equipment and incidentals necessary to complete the work.

The Engineer will pay for the following pay item when included in the proposal schedule:

Pay Item	Pay Unit
Acoustical Panel Ceiling	Square Foot"

END OF SECTION 678

1 Make the following Section a part of the Standard Specifications:

2
3 **"SECTION 681 - REPAINTING**
4

5 **681.01 Description.** This section describes the repainting work.
6

7 **(A)** Provide all painting and finishing of new and existing interior items
8 and surfaces throughout the project. Paint all exposed surfaces (except
9 existing wood paneling) whether scheduled or not, except as otherwise
10 indicated. Surface preparation, priming and coats of paint specified are in
11 addition to shop-priming and surface treatment specified under other
12 sections of the work and is included in this section.
13

14 **(B)** "Paint" as used herein means all coating systems materials, including
15 primers, enamels, sealers, and fillers, and other applied materials whether
16 used as prime, intermediate or finish coats, except as specifically noted
17 herein.
18

19 **(C)** Paint all exposed surfaces whether or not colors are designated in
20 "schedules". Where items or surfaces are not specifically mentioned, paint
21 these the same as adjacent similar materials or areas. If color or finish is
22 not designated, submit standard colors available for the materials systems
23 specified for selection as per submittals.
24

25 **681.02 Materials.**
26

27 **(A)** Paints shall be as manufactured by Benjamin Moore, ICI Ameritone,
28 ICI Decratrend, ICI Devoe, ICI Dulux, ICI Fuller-O-Brien, ICI Glidden, ICI
29 Sinclair, Sherwin-Williams, Spectra-Tone, or approved equal.
30

31 **(B)** Material shall be equal in quality to that specified under the Schedule
32 of Finishes and any given finish shall be as labeled by one manufacturer.
33

34 **(C)** Interior Paint Schedule
35

36 **(1)** Concrete: Provide the following paint systems over interior
37 concrete substrates:
38

39 **(a)** Latex Finish: Two finish coats over a primer.
40

41 **i.** Primer: Interior concrete primer. MPI 50.
42

43 **ii.** Finish Coats: Interior latex paint. MPI 141.
44

45 iii. Finish Coat Gloss Level: Semi-gloss.

46
47 iv. System DFT 4 mils.

48
49 **(2)** Gypsum Board: Provide the following finish systems over
50 interior gypsum board surfaces:

51
52 **(a)** Latex Finish: Two finish coats over a primer.

53 i. Primer: Interior primer. MPI 50.

54 ii. Finish Coats: Interior latex paint. MPI 141.

55
56 iii. Finish Coat Gloss Level: Semi-gloss.

57
58 iv. System DFT: 4 mils.

59
60
61 Or where indicated/selected.

62
63 **(b)** Latex Finish: Two finish coats over a primer.

64 i. Primer: Interior primer. MPI 50.

65 ii. Finish Coats: Interior latex paint. MPI 138.

66 iii. Finish Coat Gloss Level: Flat.

67 iv. System DFT: 4 mils.

68
69
70 **(3)** Ferrous Metal: Provide the following finish systems over
71 ferrous metal:

72 Latex Finish: Two finish coats over a primer.

73 **(a)** Primer: Interior ferrous-metal primer. MPI 79.

74 **(b)** Finish Coats: Interior latex paint. MPI 141.

75 **(c)** Finish Coat Gloss Level: Semi-gloss.

76 **(d)** System DFT: 5 mils.

(4) Zinc-Coated Metal: Provide the following finish systems over interior zinc-coated metal surfaces:

Latex Finish: Two finish coats over a primer.

(a) Primer: Interior zinc-coated metal primer. MPI 79.

(b) Finish Coats: Interior latex paint. MPI 141.

(c) Finish Coat Gloss Level: Semi-gloss.

(d) System DFT: 5 mils.

(D) Patching Materials.

(1) Gypsum-Plaster Patching Compound: Finish coat plaster and bonding compound according to ASTM C842 and manufacturer's written instructions.

(E) Asbestos Prohibition: All paints shall be asbestos-free.

(F) Lead Prohibition: All paints shall be lead-free.

(G) Mercury Prohibition: All paints shall be mercury-free.

(H) Chromate Prohibition: All paints shall be free of zinc-chromate and/or strontium-chromate.

(I) Cadmium Prohibition: All paint shall be cadmium-free.

(J) Preparatory Cleaning Materials:

(1) Water: Potable.

(2) Detergent Solution: Solution prepared by mixing 2 cups of tetrasodium pyrophosphate (TSPP), ½ cup of laundry detergent that contains no ammonia, 5 quarts of 5 percent sodium hypochlorite bleach, and 15 quarts of warm water for every 5 gallons of solution required.

(3) Mildewcide: Commercial proprietary mildewcide or a job-mixed solution prepared by mixing 1/3 cup of household detergent that contains no ammonia, 1 quart of 5 percent sodium hypochlorite bleach, and 3 quarts of warm water.

132 (K) Thinning of paint shall be done using material recommended by the
133 manufacturer. Mix proprietary products according to manufacturer's printed
134 specifications. Compound thinner, mineral oil, kerosene, refined linseed oil,
135 or gasoline shall not be used for thinning.

136
137 (L) Except for metal primers all interior paint shall contain the maximum
138 amount of mildewcide per gallon of paint permitted by the mildewcide
139 manufacturer without adversely affecting the quality of the paint.

140
141 (M) The supplier shall submit a signed certificate indicating the amounts
142 of mildewcide added by both the paint manufacturer and the paint supplier.

143
144 (N) Provide all patching and repair materials compatible with paint
145 finishes and substrates. Paint system shall be compatible with one another
146 and substrates indicated, under conditions of service and application as
147 demonstrated by manufacturer, based on testing and field experience.

148
149 (O) For each coat in a paint system, provide products recommended in
150 writing by manufacturers of topcoats for use in paint system and on
151 substrate indicated.

152
153 (P) Provide all other materials not specified but required to achieve the
154 finishes specified.

155
156 **681.03 Construction.**

157
158 (A) All materials shall be delivered to the job site in undamaged original
159 containers bearing the manufacturer's label and shall be stored in such a
160 manner as to prevent damage. All rejected materials shall be removed from
161 the job site immediately.

162
163 (B) Sequencing and Scheduling.

164
165 (1) Perform repainting in the following sequence, which includes
166 work specified in this and other Sections:

167
168 (a) Dismantle existing surface-mounted objects and hardware
169 except items indicated to remain in place. Tag items with
170 location identification and protect.

171
172 (b) Verify that temporary protections have been installed.

173
174 (c) Examine condition of surfaces to be painted, with
175 Applicator present, for compliance with requirements for
176 conditions affecting performance of the Work.

177
178 (d) Concrete Substrates: Verify that surface is sanded
179 smooth.

180
181 (e) **Gypsum Board: Verify that surface is smooth and**
182 **suitable for painting.**

183
184 (f) Removed existing paint to the degree required for each
185 substrate and surface condition of existing paint.

186
187 (g) Apply paint system only after unsatisfactory conditions
188 have been corrected.

189
190 i. Application of coating indicates acceptance of
191 surfaces and conditions.

192
193 (h) Reinstall dismantled surface-mounted objects and
194 hardware unless otherwise indicated.

195
196 **(C) Submittals.**

197
198 (1) Schedule of Finishes: Submit painting finish schedule indicating
199 the spread rate which the proposed paint/coating will be applied that
200 are necessary to achieve the final dry film thickness indicated under
201 item entitled "SCHEDULE OF FINISHES" herein below.

202
203 (2) Color Samples:

204
205 (a) Submit finish samples of each color, whether scheduled or
206 not, for selection and approval.

207
208 i. Include stepped Samples defining each separate coat,
209 including fillers and primers.

210
211 ii. Include a list of materials for each coat of each Samples.

212
213 iii. Label each Sample for location and application.

214
215 (b) After the color finish sample has been approved, one set of
216 color finish samples painted onto 8-1/2 inch x 11 inch cardboard
217 shall be submitted. The cardboard shall be divided into 4
218 horizontal strips and painted as follows:

219
220 i. Prime 3 strips starting from the bottom.

222 ii. 1st coat bottom 2 strips.

223
224 iii. 2nd coat bottom strip.

225
226 (3) Schedule of Operations: Submit, before work on the project is
227 commenced, work schedule showing his sequence of operations and
228 dates shall be submitted.

229
230 (4) Certifications: Submit asbestos-free, lead-free, zinc-chromate-
231 free, strontium-chromate-free, cadmium-free and mercury-free paint
232 certificates. Should the Contractor require additional copies for
233 distribution to his suppliers and subcontractors, he shall include these
234 additional copies along with his submittal.

235
236 (5) Product Data Sheets: Submit Manufacturer's Product Data
237 Sheets for the primers, paints, coatings, solvents, sealing and
238 patching materials, sealants and caulking. Data sheets shall indicate
239 thinning and mixing instructions, required fill thickness (mil) and
240 application instructions. Should the Contractor require additional
241 copies for distribution to his suppliers and subcontractors, he shall
242 include these additional copies along with his submittal.

243
244 (6) Material Safety Data Sheets: Submit Manufacturer's Material
245 Safety Data Sheets for coatings, solvents, and other hazardous
246 materials. Should the Contractor require additional copies for
247 distribution to his suppliers and subcontractors, he shall include these
248 additional copies along with his submittal.

249
250 (7) Guaranty: Submit guaranty as noted under item entitled
251 "GUARANTY" herein below.

252
253 **(D) Guaranty.**

254
255 (1) The Contractor shall guarantee that the work performed under
256 this section conforms to the contract requirements and is free of any
257 defect of material or workmanship performed by the Contractor.
258 Such guarantee shall continue for a period of two (2) years from the
259 project acceptance date during which period the Contractor shall
260 remedy at his own expense any such failure to conform to any such
261 defect.

262
263 (2) The Contractor shall warrant a mildew free surface for a period
264 of one year from the project acceptance date. Should mildew
265 formation occur on surfaces painted under this project within the one

year, the Contractor shall clean such surfaces at no additional cost to the State.

(3) The Project Manager shall notify the Contractor in writing within a reasonable time after discovery of any failure or defect.

(4) Should the Contractor fail to remedy any failure or defect described in Paragraph A. above within 10 working days after receipt of notice thereof, the State shall have the right to repair or otherwise remedy such failure or damage at the Contractor's expense.

(E) Inspection and Approvals.

The Contractor shall obtain written approval from the Project Manager upon completion of each phase of work (phases of work are: surface preparation and spot prime, prime, first finish coat, second finish coat) before proceeding into the next phase of work. The Contractor shall give the Project Manager one day (24 hours minimum) advance notice of completion of any phase of work for a work area when he deviates from the previously submitted work schedule noted under paragraph entitled "Schedule of Operations", hereinabove. The Contractor shall provide necessary access to areas to be inspected. Failure to obtain approval of any phase of work area may result in redoing the operation at no cost to the State.

(1) Right of Rejection: The Project Manager shall have the right to reject all work which is not in compliance with the plans and specifications. Rejected work shall be redone at no cost to the State.

(2) In addition, the Project Manager shall have the right to require the immediate removal of any paint applicator who demonstrates negligence, lack of competence or repeated non-compliance with the contract requirements.

(F) Analyzing and Testing.

(1) All paints and their applied thickness shall be subject to testing whenever the Project Manager deems necessary to determine conformation to the requirements of these specifications. Should testing by a laboratory be required, the laboratory shall be selected by the Project Manager and the cost of testing shall be borne by the Contractor. Should test results show that the paint is in compliance with this specification, the cost will also be borne by the Contractor.

309 (2) All rejected material shall be removed from the job site
310 immediately. Surfaces painted with the rejected material shall be
311 redone at no additional cost to the State.

312
313 (3) Where the required paint thickness is deficient, the affected
314 surface(s) shall be recoated as necessary to provide the required
315 paint thickness at no additional cost to the State.

316
317 **(G) Quality Assurance.**

318
319 (1) Applicator Qualifications: A firm and individuals experienced in
320 applying paints and coatings similar in materials, design, and extent
321 to those indicated for this project, whose work has resulted in
322 applications with a record of successful in-service performance.

323
324 (2) Field Samples (Mockups): Provide a full-coat field sample panel
325 for each type of coating and substrate at locations as directed by the
326 Project Manager. Provide samples at least 4 feet long by 8 feet high.

327
328 **(H) Special Requirements.**

329
330 (1) Codes: The Contractor shall comply with the State OSHL
331 (Occupational Safety and Health Law) and all pollution control
332 regulations of the State Department of Health.

333
334 (2) Protection:

335
336 (a) Persons:

337
338 i. The Contractor shall take all necessary precautions to
339 protect public pedestrians, including tenants from injury.

340
341 ii. The Contractor shall provide, erect and maintain safety
342 barricades around scaffolds, hoists and wherever
343 Contractor's operations create hazardous conditions in
344 order to properly protect the public and tenants.

345
346 (b) Completed Work: The Contractor shall provide all
347 necessary protection for wet paint surfaces.

348
349 (c) Protective Covering and Enclosures: The Contractor shall
350 provide and install protective covering over furniture, equipment,
351 floor and other areas that are not scheduled for treatment.
352 Protective covering shall be clean sanitary drop cloth or plastic
353 sheets. Paint applied to surfaces not scheduled for treatment

shall be completely removed and surfaces shall be returned to their original condition.

(d) Safeguarding of Property: The Contractor shall take whatever steps may be necessary to safeguard his work and also the property of the State and other individuals in the vicinity of his work area during the execution of this Contract. He shall be responsible for and make good on any and all damages and for losses to work or property caused by his or his employee's negligence.

(e) Fire Safety: The Contractor shall direct his employees not to smoke in the vicinity and exercise precautions against fire at all times. Waste rags, plastic (polyester sheets), empty cans, etc. shall be removed from the site at the end of each day.

(3) Storage Area for Materials:

(a) No paint material, empty cans, paint brushes and rollers may be stored in the building(s). They shall be stored in separate storage facilities away from the building(s).

(b) The Contractor may furnish a job site storage facility. Such facility shall comply with the requirements of the local Fire Department. The storage area shall be kept clean and the facility shall be locked when not in use or when no visual supervision is possible.

(I) Areas (Surfaces) To Be Painted

Interior Surfaces to be Painted:

(1) All interior surfaces shall be painted unless otherwise indicated on the plans and/or specifically deleted in these specifications.

(2) Extent of treatment for special items is as follows:

(a) Metal fabrication items.

(b) Carpentry items.

(c) Concrete walls.

(d) Gypsum boards.

399 (e) G.I. pipes and conduits, electric boxes and similar
400 appurtenances – exposed surfaces.

401
402 (f) All other miscellaneous items.

403
404 **(J) Painting Not Included**

405
406 The following categories of work are not included as part of field applied
407 paint and finish work.

408
409 **(1) Pre-Finished Items:** Unless otherwise indicated, do not include
410 painting for factory-finished or installer finished items such as (but not
411 limited to) solid phenolic, plastic laminate, acoustic materials, high
412 performance organic coated metal, finished mechanical and electrical
413 equipment, including light fixtures, switchgear, and distribution
414 cabinets, etc.

415
416 **(2) Finished Metal Surfaces:** Metal surfaces of anodized aluminum,
417 stainless steel, chromium plate, copper and similar finished materials
418 will not require finish painting, unless otherwise indicated.

419
420 **(3) Labels:** Do not paint over any code-required labels, such as
421 Underwriters' Laboratories, or any equipment identification,
422 performance rating, name, or nomenclature plates.

423
424 **(K) Other Incidental Work To Be Performed by Contractor**

425
426 **(1) Interior:**

427
428 **(a)** Unless otherwise specified, the Contractor is responsible
429 for moving about all furniture and equipment to provide himself
430 with sufficient working space. The Contractor shall protect
431 these items and make good any damage to them at no cost to
432 the State. After the painting of the room is completed, the
433 Contractor shall replace all furniture and equipment to their
434 original locations.

435
436 **(b)** The Contractor shall carefully remove from surfaces to be
437 painted, prefinished items, and items not permanently attached
438 that do not require painting, and neatly store away. Re-install
439 items at completion of painting.

441 (2) Areas Inaccessible to Normal Painting: The Contractor shall
442 remove and reinstall items as required to paint area(s) where
443 indicated.

444
445 (L) Schedule of Finishes
446

447 (1) The Schedule of Finishes is made for the convenience of the
448 Contractor and indicates the types and quality of finishes to be
449 applied to the surfaces.

450
451 (2) All paints unless otherwise noted, are the products of Benjamin
452 Moore and are so named to establish desired quality and standard of
453 materials. Painting materials, equal to those mentioned by trade
454 name under the various treatments may be used, provided they meet
455 or exceed the specifications listed.

456
457 (3) Treatment shall be applied on exposed surfaces of designated
458 materials, in conformity with instructions of the paint product used.

459
460 (4) Paint sheen shall be as scheduled and as selected by the
461 Project Manager. The following schedule represents the general
462 character of the paint systems necessary to complete the work.
463 Provide additional comparable systems and for additional sheens as
464 necessary when requested by the Project Manager at no additional
465 cost to the State.

466
467 (M) Surface Preparation of Surfaces.
468

469 (1) The Painter shall be wholly responsible for the finish of his
470 work and shall not commence any part of it until surfaces are in
471 proper condition. If Painter considers any surfaces unsuitable for
472 proper finish of his work, he shall notify the Contractor of this fact in
473 writing and he shall not apply any material until the unsuitable
474 surfaces have been made satisfactory. Major defects shall be
475 restored by the proper trades. In general, follow the manufacturer's
476 direction for surface preparation for the paint to be applied.

477
478 (2) Concrete and concrete masonry unit surfaces shall be wire
479 brushed clean to remove all dust and loose mortar.

480
481 (3) Unprimed galvanized metal shall be washed with a solution of
482 chemical phosphoric metal etch and allowed to dry.

483
484 (4) All metal surfaces shall be made clean and free of any defects
485 or condition that may produce unsatisfactory finish.

486
487 **(5) Gypsum board surfaces that contain existing texture shall**
488 **be prepared to achieve a smooth finish suitable to painting, per**
489 **manufacturer's requirements.**

490
491 **(N) Paint Application.**

492
493 **(1) General:**

494
495 **(a)** All work shall be done in a workmanlike manner by
496 skilled and experienced mechanics and shall conform to the
497 best painting practices.

498
499 **(b)** All materials shall be applied in strict accordance with the
500 manufacturer's specifications, including spread rates, and the
501 finished surfaces shall be free from runs, sags, drops, ridges,
502 waves, laps, streaks, brush marks and variations in color,
503 texture and finish. The coverage shall be complete and each
504 coat shall be so applied as to produce a film of uniform
505 thickness. No paint shall be applied until the preceding coat is
506 thoroughly dry and approved.

507
508 **(c)** Coats shall be applied only to surfaces that are
509 thoroughly dry and only under such combination of humidity
510 and temperature that will ensure proper paint application.

511
512 **(d)** Any mixing shall be done outside the building.

513
514 **(2) Application:** Paint application shall be by brush and roller only.

515
516 **(3) Colors:** Each coat shall be tinted a different shade from the
517 preceding coat. Colors shall be in accordance with the schedule on
518 the drawings. Where a color is not indicated, the color shall be
519 selected by the Project Manager.

520
521 **(4) Finish Film Thickness:** Apply primer, intermediate, and finish
522 coats in dry film thickness, as scheduled unless recommended
523 otherwise in writing by the manufacturer, for each coat and in
524 accordance with the manufacturer's recommendations. Verify mil
525 thickness by use of a suitable wet film gauge. Use a Tooke or other
526 dry film gauge to test for total dry film thickness.

527
528 **(O) Miscellaneous.**
529

530 (1) Installation of Removed Items: After completion of final paint
531 coat, removed items shall be reinstalled.

532
533 (2) Clean-up:

534
535 (a) During the progress of the work, all debris, empty crates,
536 waste, drippings, etc. shall be removed by the Contractor and
537 the grounds about the areas to be painted shall be left clean
538 and orderly at the end of each work day.

539
540 (b) Upon completion of the work, staging, scaffolding,
541 containers and all other debris shall be removed from the site.
542 All paint splashed or spilled upon adjacent surfaces not
543 requiring treatment (hardware, fixture, floor, glass) shall be
544 removed and the entire job left clean and acceptable.

545
546 (P) Extra Paint.

547
548 The Contractor shall provide extra paint/stain in each of the different colors
549 of interior and exterior paint used for all surfaces to the State upon final
550 acceptance of the project in unopened one gallon cans in the following
551 quantities:

552
553 (1) Five (5) gallon cans of each paint color.

554
555 (2) One (1) gallon cans of each stain color.

556
557 (Q) Preparation.

558
559 (1) General: Use the gentlest, appropriate method necessary to
560 clean surfaces in preparation for painting. Clean all surfaces,
561 corners, contours, and interstices.

562
563 (2) Detergent Cleaning. Wash surfaces by hand using clean rags,
564 sponges, and bristle brushes. Scrub surface with detergent solution
565 and bristle brush until soil is thoroughly dislodged and can be
566 removed by rinsing. Use small brushes to remove soil from joints
567 and crevices. Dip brush in solution often to ensure that adequate
568 fresh detergent is used and that surface remains wet. Rinse with
569 water applied by clean rags or sponges.

570
571 (3) Solvent Cleaning. Use solvent cleaning to remove oil, grease,
572 smoke, from painted or unpainted surfaces before other preparation
573 work. Wipe surfaces with solvent using clean rags and sponges, if
574 necessary, spot-solvent cleaning may be employed just prior to

commencement of paint application, provided enough time is allowed for complete evaporation. Use clean solvent and clean rags for the final wash to ensure that all foreign materials have been removed. Do not use solvents, including primer thinner and turpentine, that leave residue.

Mildew. Clean off existing mildew, loose paint, grease, dirt and other debris by scrubbing with bristle brush or sponge and detergent solution. Scrub mildewed areas with mildewcide. Rinse with water applied by clean rags or sponges.

(4) Comply with manufacturer's written instructions and recommendations applicable to substrates and painting system indicated.

(5) Concrete Substrates: Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.

(6) Apply skim coat over rough or textured areas as required to achieve a uniform surface to match adjacent. Sand surfaces smooth. Surfaces shall be smooth to the touch and free from visible imperfections.

(7) Final surfaces shall meet the requirements of Level 4, at a minimum or Level 5 in accordance with ASTM C840.

(8) All surfaces shall be smooth, free of visible texture, ridges or depressions after application of primer. All surfaces shall match adjacent surfaces.

(9) Remove wall texture by sanding, scraping, or skim-coating as required. Apply joint compound to fill and level irregularities, feathering edges to produce a uniform plane.

(R) Paint Removal.

(1) General. Remove paint where indicated. Where cleaning methods have been attempted and further removal of the paint is required because of incompatible or unsatisfactory surfaces for repainting, remove paint to extent by conditions.

(a) Application. Apply paint removers according to paint-remover manufacturer's written instructions. Do not allow

620 paint removers to remain on surface for period longer than
621 those indicated or recommended in writing by manufacturer.

622
623 (b) Apply materials to all surfaces, corners, contours, and
624 interstices, to provide a uniform final appearance without
625 streaks.

626
627 (c) After work is complete, remove protection no longer
628 required. Remove tape and adhesive marks.

629
630 **(S) Substrate Repair.**

631
632 (1) General. Repair substrate surface defects that are
633 inconsistent with the surface appearance of the adjacent materials
634 and finishes.

635
636 (a) Cementitious Material Substrates:

637
638 i. General. Repair defects including dents and chips
639 more than ½ inch in size and all holes and cracks by filling
640 with cementitious patching compound and sanding
641 smooth. Remove protruding fasteners.

642
643 ii. Concrete, and Other Cementitious Products: Remove
644 efflorescence, chalk, dust, dirt, grease, oils and release
645 agents. If surfaces are too alkaline to paint, correct this
646 condition before painting.

647
648 (b) Gypsum-Board Substrates:

649
650 i. Repair defects including dents and chips more than
651 1/8 inch in size and all holes and cracks by filling with
652 gypsum-plaster compound and sanding smooth. Remove
653 protruding fasteners.

654
655 ii. Rout out surface cracks to remove loose, unsound
656 material; fill with patching compound and sand smooth.

657
658 **681.04 Measurement.** Repainting will be paid for on a square foot basis
659 per Contract Documents.

660
661 **681.05 Basis of Payment.** The Engineer will pay for the accepted
662 Repainting on a square foot basis. Payment will be in full compensation for
663 Repainting and furnishing labor, tools, materials, equipment and incidentals
664 necessary to complete the work.

The Engineer will pay for the following pay item when included in the proposal schedule:

Pay Item	Pay Unit
Wall Prep	Square Feet
Repainting	Square Feet"

END OF SECTION 681

SEPTEMBER 24, 2026
PROPOSAL TO THE
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION

PROJECT: **HDOT PUNCHBOWL OFFICE RENOVATION
DISTRICT OF HONOLULU, ISLAND OF OAHU**

PROJECT NO.: **HWY-02-27M**

COMPLETION TIME: **90 Calendar days from the Start Work Date from
the Department.**

DESIGN PROJECT MANAGER:

NAME: **Evan Kimoto**
ADDRESS: **601 Kamokila Boulevard, Room 688, Kapolei,
Hawaii, 97607**
PHONE NO.: **808-692-7551**
EMAIL: **evan,kimoto@hawaii.gov**
FAX NO.:

ELECTRONIC SUBMITTAL: **Bidders shall submit and upload the
complete proposal to HlePRO prior to the
bid opening date and time. Any additional
support documents explicitly designated as
confidential and/or proprietary shall be
uploaded as a separate file to HlePRO. See
SPECIAL PROVISIONS 102.09 DELVEIRY
OF PROPOSALS for complete details.
FAILURE TO UPLOAD THE COMPLETE
PROPSOAL TO HlePRO SHALL BE
GROUNDS FOR REJECTION OF THE BID.**

Director of Transportation
869 Punchbowl Street
Honolulu, Hawaii 96813

Dear Sir:

The undersigned bidder declares the following:

1. It has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal.
2. It has not been assisted or represented on this matter by any individual who has, in a State capacity, been involved in the subject matter of this contract within the past two years.
3. It has not and will not, either directly or indirectly offered or given a gratuity (i.e. an entertainment or gift) to any State or County employee to obtain a contract or favorable treatment under a contract.

The undersigned bidder further agrees to the following:

1. If this proposal is accepted, it shall execute a contract with the Department to provide all necessary labor, machinery, tools, equipment, apparatus and any other means of construction, to do all the work and to furnish all the materials specified in the contract in the manner and within the time therein prescribed in the contract, and that it shall accept in full payment therefore the sum of the unit and/or lump sum prices as set forth in the attached proposal schedule for the actual quantities of work performed and materials furnished and furnish satisfactory security in accordance with Section 103D-324, Hawaii Revised Statutes, within 10 days after the award of the contract or within such time as the Director of Transportation may allow after the undersigned has received the contract documents for execution, and is fully aware that non-compliance with the aforementioned terms will result in the forfeiture of the full amount of the bid guarantee required under Section 103D-323, Hawaii Revised Statutes.
2. That the quantities given in the attached proposal schedule are approximate only and are intended principally to serve as a guide in determining and comparing the bids.
3. That the Department does not either expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed necessary or advisable by the Director of Transportation, and that all increased or decreased quantities of work shall be performed at the unit prices set forth in the attached proposal schedule except as provided for in the specifications.

4. In case of a discrepancy between unit prices and the totals in said Proposal Schedule, the unit prices shall prevail.
5. Agrees to begin work within 10 working days after the date of notification to commence with the work, which date is in the notice to proceed, and shall finish the entire project within the time prescribed.
6. The Director of Transportation reserves the right to reject any or all bids and to waive any defects when in the Director's opinion such rejections or waiver will be for the best interest of the public.
7. The undersigned Bidder further agrees to the following: Pursuant to HRS §103D-405(d), any contractor (including consultants) paid for services to develop or prepare specifications or work statements shall be precluded from submitting an offer or receiving a contract for that particular solicitation. This includes the preparation of reports relied upon by HDOT in the development of the project scope.

The bidder acknowledges receipt of and certifies that it has completely examined the following listed items: the Hawaii Standard Specifications for Road and Bridge Construction dated 2005, the Notice to Bidders, the Special Provisions, if any, the Technical Provisions, the Proposal, the Contract and Bond Forms, and the Project Plans.

In accordance with Section 103D-323, Hawaii Revised Statutes, this proposal is accompanied with a bid security in the amount of 5% of the total amount bid, in the form checked below. (Check applicable bid security submitted with bid.)

_____ Surety Bid Bond (Use standard form),

_____ Cash,

_____ Cashier's Check,

_____ Certified Check, or

_____ .
(Fill in other acceptable security.)

The undersigned bidder acknowledges receipt of any addendum issued by the Department by recording in the space below the date of receipt.

Addendum No. 1 _____

Addendum No. 3 _____

Addendum No. 2 _____

Addendum No. 4 _____

In accordance with Section 103D-302, Hawaii Revised Statutes, the undersigned as bidder has listed the name of each person or firm, who will be engaged by the bidder on the project as Joint Contractor or Subcontractor and the nature of work to be done by each. **The Bidder must adequately and unambiguously disclose the unique nature and scope of the work to be performed by each Subcontractor or Joint Contractor.** For each listed firm, the Bidder declares the respective firm is a Sub- or Joint Contractor and subject to evaluation as a Sub- or Joint Contractor. It is understood that failure to comply with the aforementioned requirements may be cause for rejection of the bid submitted.

<u>Name of Subcontractor</u>	<u>Nature and Scope of Work</u>
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____

<u>Name of Joint Contractor</u>	<u>Nature and Scope of Work</u>
1. _____	_____
2. _____	_____
3. _____	_____

NOTES:

"None" or if left blank indicates no Subcontractor or Joint Contractor.

If more space is needed, attach additional sheets.

The undersigned hereby certifies that the bid prices contained in the attached proposal schedule have been carefully checked and are submitted as correct and final.

This declaration is made with the understanding that the undersigned is subject to the penalty of perjury under the laws of the United States and is in violation of the Hawaii Penal Code, Section 710-1063, unsworn falsification to authorities, of the Hawaii Revised Statutes, for knowingly rendering a false declaration.

Bidder (Company Name)

By _____
Authorized Signature

Print Name and Title

Business Address

Business Telephone

Email

Date

Contact Person (If different from above)

Phone: _____ Email: _____

NOTE:

If bidder is a CORPORATION, the legal name of the corporation shall be set forth above, the corporate seal affixed, together with the signature(s) of the officer(s) authorized to sign contracts for the corporation. Please attach to this page current (not more than six months old) evidence of the authority of the officer(s) to sign for the corporation.

If bidder is a PARTNERSHIP, the true name of the partnership shall be set forth above, with the signature(s) of the general partner(s). Please attach to this page current (not more than six months old) evidence of the authority of the partner authorized to sign for the partnership.

If bidder is an INDIVIDUAL, the bidder's signature shall be placed above.

If signature is by an agent, other than an officer of a corporation or a partner of a partnership, a POWER OF ATTORNEY must be on file with the Department before opening bids or submitted with the bid. Otherwise, the Department may reject the bid as irregular and unauthorized.

PREFERENCES

Bidders acknowledge that while preferences are considered in the evaluation of bids, the award of the contract will be in the amount of the bid offered exclusive of any preferences.

A. HAWAII BIDDER PREFERENCE.

In accordance with Act 087, SLH 2026 and HRS §103D-302, the estimated value of this public works contract is \$10,000,000 or less and the Hawaii bidder preference is applicable to this solicitation for evaluation purposes only. Bidders desiring to qualify for the five per cent (5%) preference shall submit with their bid a completed *Hawaii Bidder/Offeror Preference Certification Form* (Form SPO-081) at or before the time set for the opening of bids. Certifications submitted for previous or other solicitations will not be accepted.

☐ **Yes, the Bidder elects to receive the Hawaii Bidder Preference and has included the Form SPO-081 with the bid.**

B. APPRENTICESHIP AGREEMENT PREFERENCE.

In accordance with HRS §103-55.6, the estimated value of this public works contract is \$250,000 or more and the apprenticeship agreement preference is applicable to this solicitation for evaluation purposes only. Bidders desiring to qualify for the five per cent (5%) preference shall submit with their bid a complete, valid CERTIFICATION OF BIDDER'S PARTICIPATION IN APPROVED APPRENTICESHIP PROGRAM UNDER ACT 17 (Certification Form 1) *for each apprenticeable trade* the Bidder will employ on the project.

☐ **Yes, the Bidder elects to receive the Apprenticeship Agreement Preference and has attached Certification Form(s) 1 for each apprenticeable trade the Bidder will employ for this project (excluding subcontractors).**

By submission of this offer, the Bidder certifies that it has indicated **all apprenticeable trades that the Bidder will employ** for this project (excluding subcontractors) by listing the applicable trades below:

(Attach additional sheet if necessary.)

Form 1 (CERTIFICATION OF BIDDER'S PARTICIPATION IN APPROVED APPRENTICESHIP PROGRAM UNDER ACT 17) Required. Failure to submit a valid Form 1 with the bid for every apprenticeable trade that Bidder will employ on the project will result in the preference being denied, regardless of whether the trade is listed above. If a Form 1 is submitted for a trade that is not listed above, the Form 1 will take precedence over the listing and may be used to qualify Bidder for the preference.

Form 2 (MONTHLY REPORT OF CONTRACTOR'S PARTICIPATION IN APPROVED APPRENTICESHIP PROGRAM UNDER ACT 17) Required. If awarded the contract with the Apprenticeship Agreement Preference applied, then for the duration of the contract, the Bidder **shall** certify each month that work is being conducted on the project that the Contractor continues to be a participant in the relevant apprenticeship program for each trade it employs. Monthly certification shall be made on the Certification Form 2 and submitted to the HDOT.

Failure to comply with the requirements of the Apprenticeship Agreement Preference program will subject the Contractor to sanctions pursuant to HRS §103-55.6.

C. HAWAII PRODUCTS PREFERENCE

Hawaii Products Preference shall not apply to this solicitation.

D. RECYCLED PRODUCT PREFERENCE

Recycled Product Preference shall not apply to this solicitation.



STATE OF HAWAII
Hawaii Bidder/Offeror
Preference Certification Form
(As Defined in HRS103D-1001)

I, _____ of
(Authorized Officer's Name) (Office or Position Held)

_____, certify the following:
(Name of Bidder/Offeror)

- (1) That the Bidder/Offeror holds a valid commercial place of business located in the State of Hawaii at the following address:

and that the above-named office was opened on the following date: _____

and has been staffed by the Bidder/Offeror or an employee of the Bidder/Offeror for not less than two (2) consecutive years immediately preceding the time and date set for the opening of bids or receipt of proposals;

- (2) That the bid or proposal in response to IFB/RFP No. _____, is submitted under the name under which the Bidder/Offeror is authorized to do business in the State;
- (3) That not less than fifty-one percent (51%) of the total direct labor hours required for performance of the contract will be performed within the State; and
- (4) If the Bidder/Offeror is a joint venture, the Bidder/Offeror is composed entirely of parties meeting the requirements of paragraphs (1), (2), and (3).

I certify under penalty of perjury that the above statements are true. I agree to maintain the above qualifications throughout contract performance; any changes in eligibility shall be reported to the Contract Administrator or purchasing agency's contact person identified in the RFP/IFB. I acknowledge that failure to maintain the above qualifications triggers a price adjustment equal to the value of the preference applied and may constitute cause for debarment under HRS §103D-702.

Signature of Authorized Officer

Print Name and Title

Date

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
609.0100	Hazardous Material Survey and Testing	LS	LS	LS	\$_____
609.0200	Hazardous Material Specification (if Hazardous Materials found)	LS	LS	LS	\$_____
615.0100	Demolition Mobilization and Clean-up	LS	LS	LS	\$_____
615.0200	Selective Demolition (Wall)	220	SF	\$_____	\$_____
615.0300	Remove Select Wood Wall Paneling	325	SF	\$_____	\$_____
615.0400	Remove Marker Boards	LS	LS	LS	\$_____
615.0500	Demolition Acoustical Ceiling Tiles/Grid	760	SF	\$_____	\$_____
615.0600	Demolition Cabinets	LS	LS	LS	\$_____
615.0700	Demolition – Carpet Removal	760	SF	\$_____	\$_____
664.0100	Door Hardware	LS	LS	LS	
675.0100	Roller Shades	LS	LS	LS	\$_____
676.0100	Gypsum Board Repairs	LS	LS	LS	\$_____
678.0100	Acoustical Panel Ceiling	760	SF	\$_____	\$_____
679.0100	Manufactured Casework	LS	LS	LS	\$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
680.0100	Solid Surface Countertop	LS	LS	LS	\$_____
681.0100	Wall Prep	750	SF	\$_____	\$_____
681.0200	Repainting	850	SF	\$_____	\$_____
682.0100	Tile Carpeting	255	SY	\$_____	\$_____
683.0100	General Mechanical requirements	LS	LS	LS	\$_____
684.0100	Insulation of Mechanical Systems	LS	LS	LS	\$_____
685.0100	Air Conditioning and Ventilation	LS	LS	L.S.	\$_____
686.0100	Electrical System	LS	LS	L.S.	\$_____
699.0100	Mobilization (Not to exceed 6 percent of the sum of all items excluding the bid price of this item)	LS	LS	LS	\$_____
	Total Amount for Comparison Bids.....				\$_____

PROPOSAL SCHEDULE

ITEM NO.	ITEM	APPROX. QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<u>PROPOSAL SCHEDULE NOTE</u> - Bids shall include all Federal, State, County and other applicable taxes and fees. - The TOTAL AMOUNT FOR COMPARISON OF BIDS shall be used to determine the lowest responsible bidder. - Bidders shall complete all unit prices and amounts. Failure to do so shall be grounds for rejection of bid. - If a discrepancy occurs between unit bid price and the bid price, the unit bid price shall govern. - Bidders shall submit and <u>upload the complete proposal to HiePRO</u> prior to the bid opening date and time. Proposals received after said due date and time shall not be considered. Any additional support documents explicitly designated as <u>confidential and/or proprietary</u> shall be uploaded as a <u>separate file</u> to HiePRO. Bidders shall not include confidential and/or proprietary documents with the proposal. The record of each bidder and respective bid shall be open to public inspection. Original (wet ink, hard copy) proposal documents are not required to be submitted. Contract award shall be based on evaluation of proposals submitted and uploaded to HiePRO. <u>FAILURE TO UPLOAD THE COMPLETE PROPOSAL TO HiePRO SHALL BE GROUNDS FOR REJECTION OF THE BID.</u> If there is a conflict between the specification document and the HiePRO solicitation, the specifications shall govern and control, unless otherwise specified.				

1 **PROPOSAL SCHEDULE**

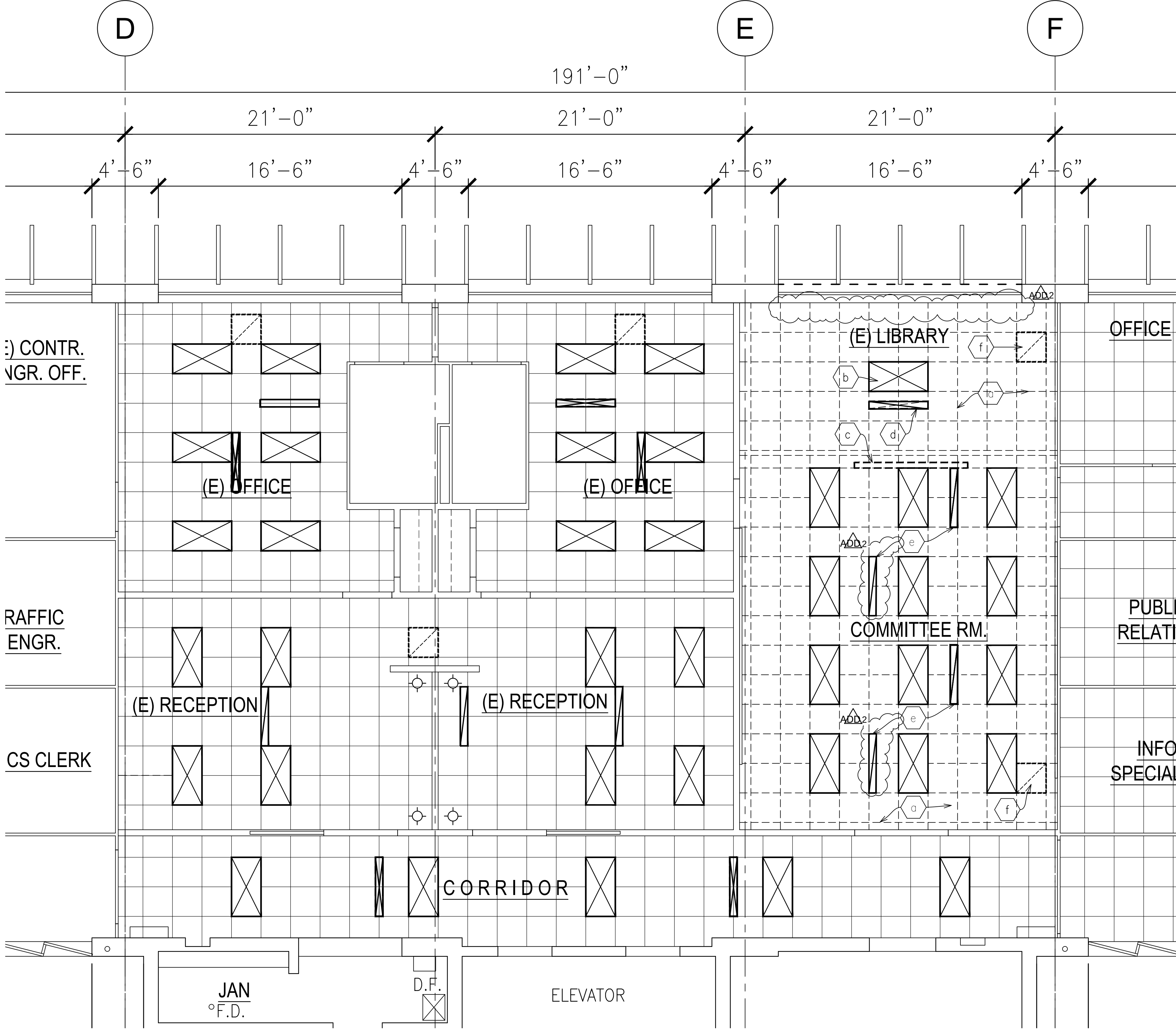
2
3 The bidder is directed to Subsection 105.16 – Subcontracts.

4
5 The bidder's attention is directed to Sections 696 - Field Office and Project
6 Site Laboratory and 699 - Mobilization for the limitation of the amount bidders are
7 allowed to bid.

8
9 If the bid price for any proposal item having a maximum allowable bid
10 indicated therefore in any of the contract documents is in excess of such a
11 maximum amount, the bid price for such proposal item shall be adjusted to reflect
12 the limitation thereon. The comparison of bids to determine the successful
13 bidder and the amount of contract to be awarded shall be determined after such
14 adjustments are made, and such adjustments shall be binding upon the bidder.

15
16 The bidder is directed to Section 717 – Cullet and Cullet-Made Materials
17 regarding recycling of waste glass.
18
19

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	4	16



RCP LEGEND

- demo scope
- (e)gyp bd
- (e)gyp bd drop soffit
- (e)2x2 act
- (e)access panel
- (e)fire sprinkler (see fs plans)
- (e)light fixture (see elec plans)
- (e)hvac (see mech plans)

LEGEND

--- or // = demo

demolition key notes

(all key notes may not apply to this sheet)

- Remove and dispose of ceiling grid and ceiling tiles.
- Remove existing light fixture, see electrical.
- Remove existing projection screen and housing.
- Remove and dispose/relocate of diffuser.
- Remove and relocate existing linear slot diffuser, see mech.
- Remove and relocate existing return air register, see mech.

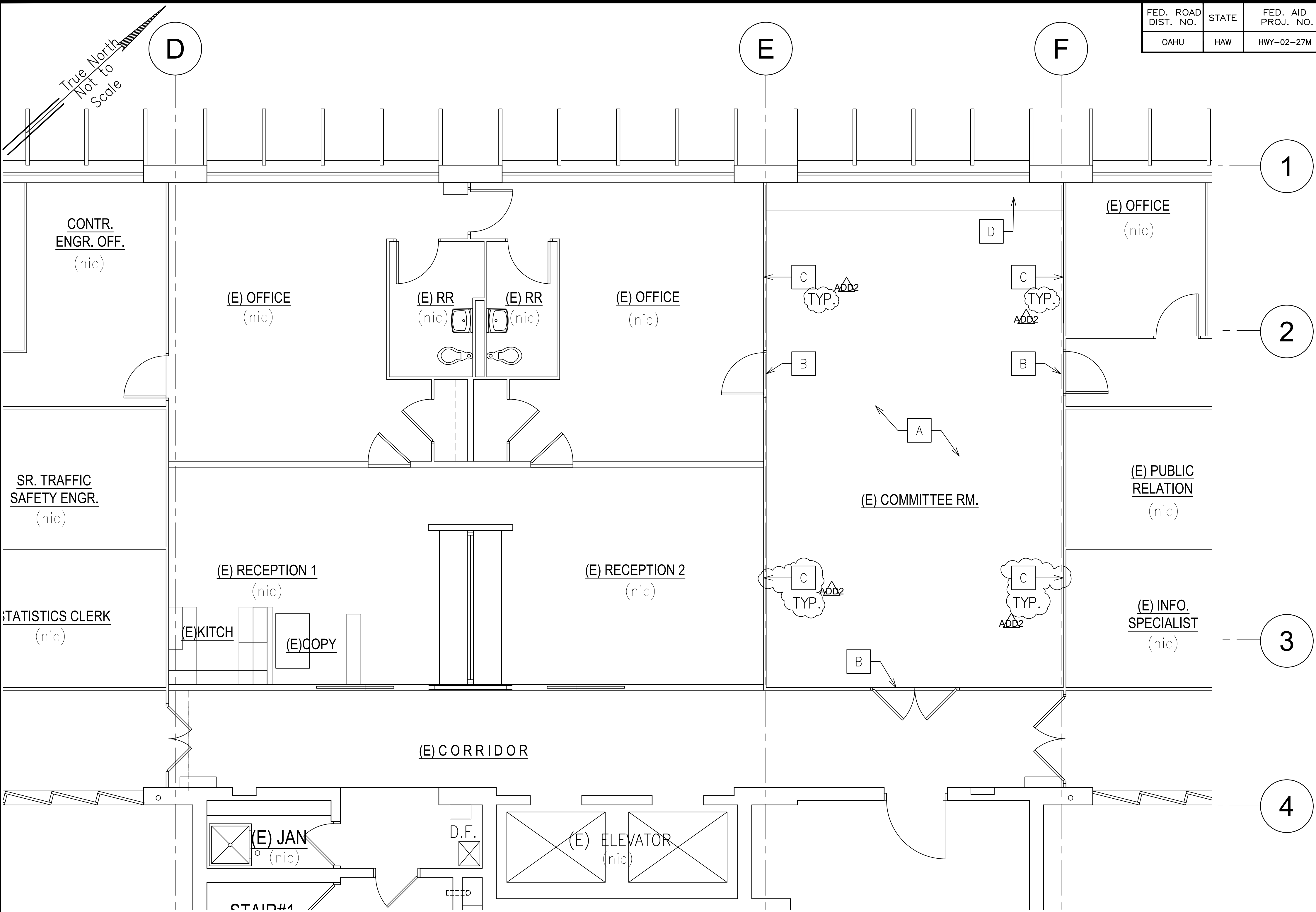
KEY PLAN

ENLARGED REFLECTED CEILING PLAN - DEMOLITION (PARTIAL 5TH FLOOR)
A002A002 Scale: 1/4" = 1'-0"



This work was prepared by me or under my supervision
MITSUNAGA & ASSOCIATES, INC. 4/20/2028
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

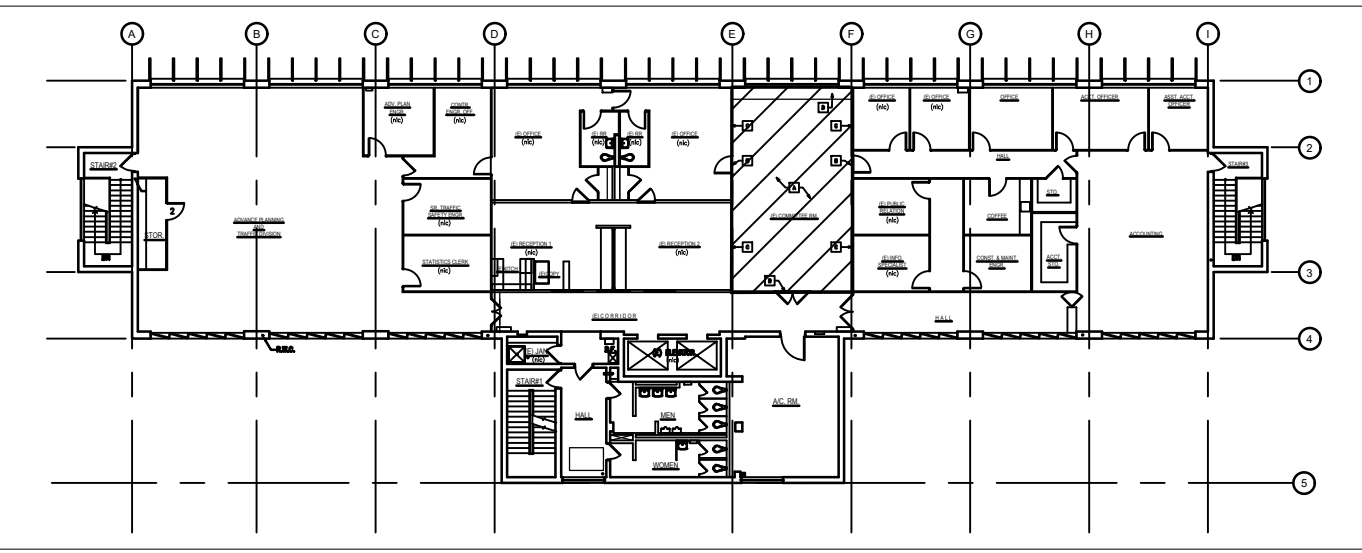
ADD-2	ADD-2	ADDENDUM NO. 2	9/28/2026	
REVISION NO.	SYM	DESCRIPTION	SHT OF	DATE
				APPROVED
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION 2530 LIKELIKE HIGHWAY HONOLULU, HI 96819 TMK: 1-4-022-014:0000				
OVERALL RCP - DEMOLITION				
DOT DIRECTOR OFFICE RENOVATION				
Project No. HWY-02-27M				
Scale: 3/32" = 1'-0" Date: August 2026				
SHEET No. 1 OF 1 SHEETS				



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	5	16

Renovation Key Notes
All Key Notes May Not Apply To This Sheet)
For Remainder Key Notes, See Sheet ###

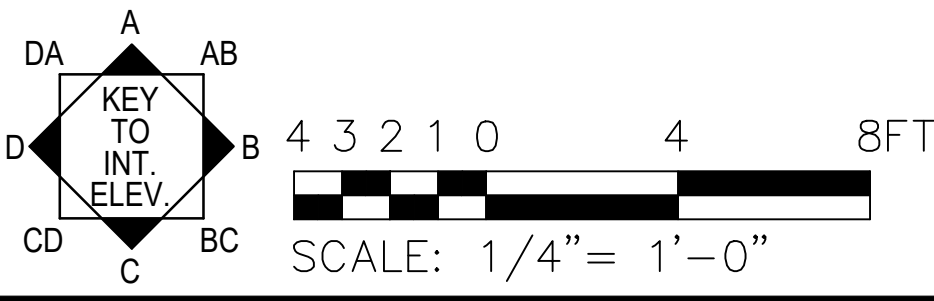
- A** New carpet tiles, see specifications.
- B** New door threshold, see specifications.
- C** Properly prepare walls and paint all exposed bare vertical surfaces.
- D** New cabinets, see details.



KEY PLAN

ENLARGED FLOOR PLAN – RENOVATION (PARTIAL 5TH FLOOR)
A003/A003 Scale: 1/4" = 1'-0"

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



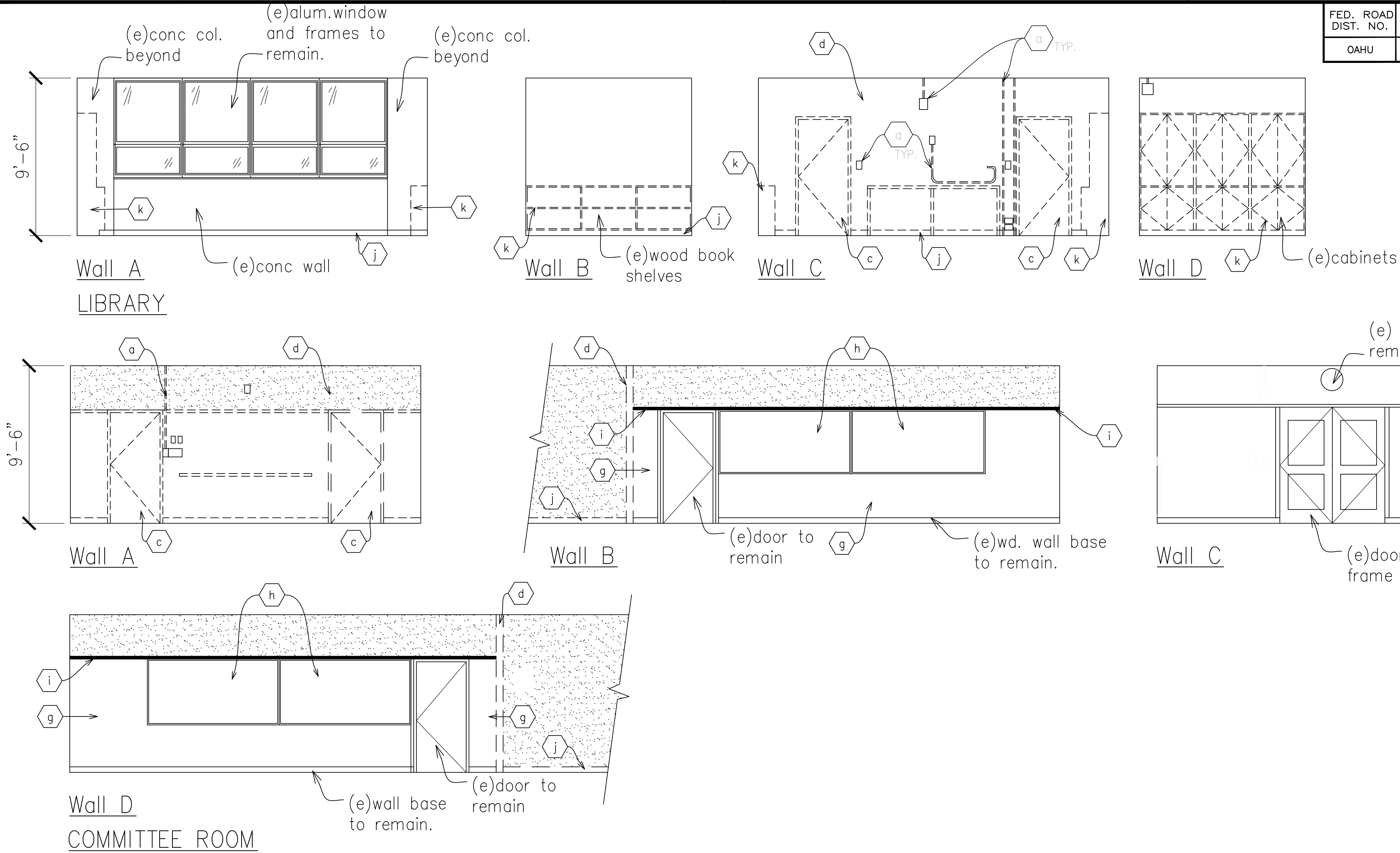
This work was prepared by me or under my supervision.

MITSLUNAGA & ASSOCIATES, INC. EXP. DATE: 4/30/2028

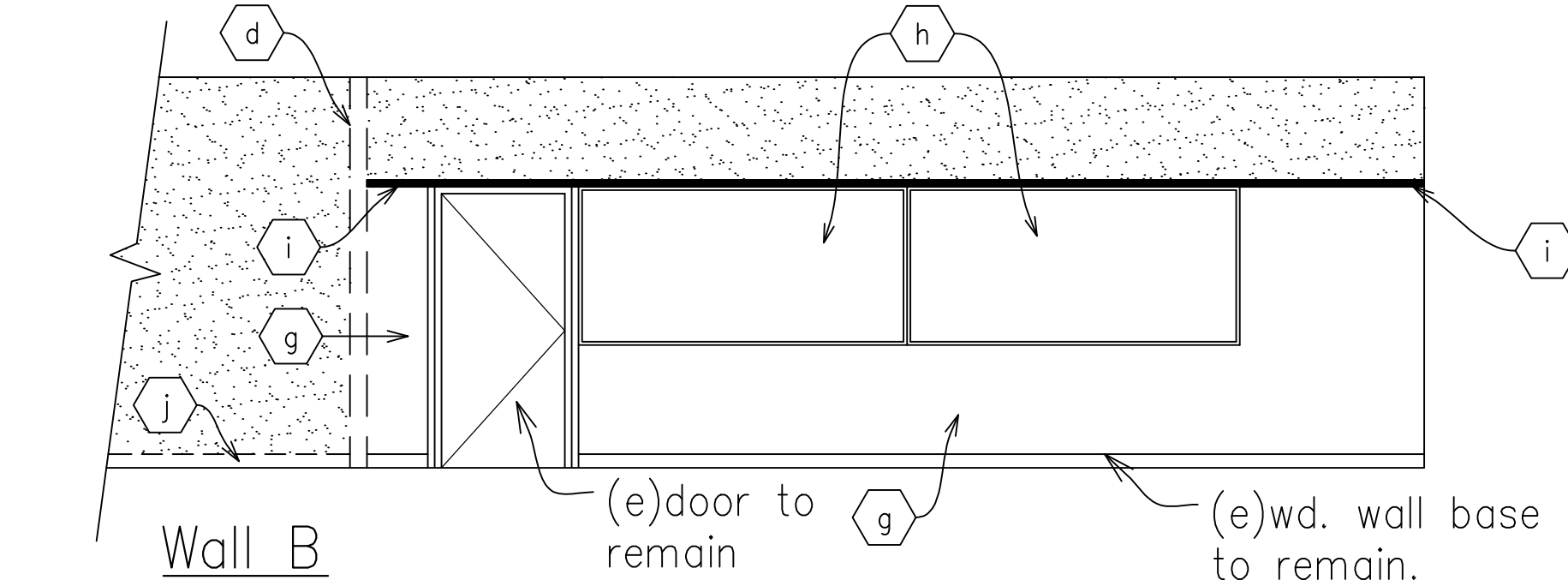
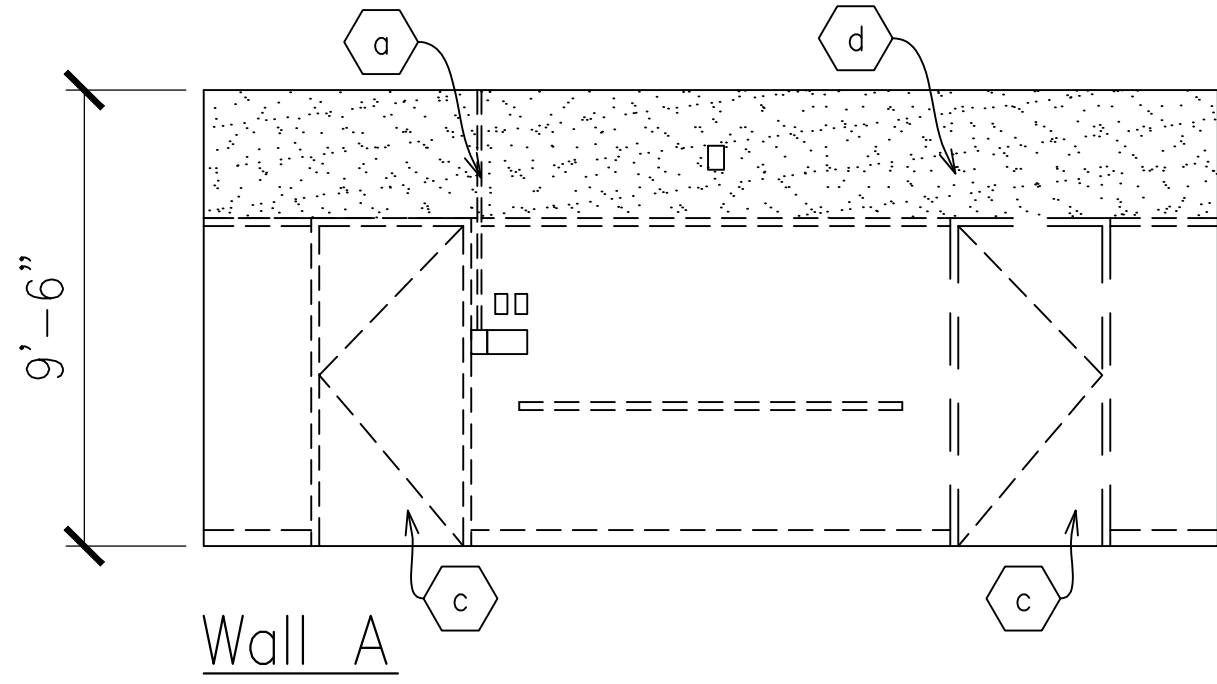
NOTE: Contractor to check and verify dimensions at job before proceeding with work.

ADD-2	ADDENDUM 2	9/28/2026	
REVISION NO.	SYM	DESCRIPTION	SH' OF DATE APPROVED
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION 2530 LIKELIKE HIGHWAY HONOLULU, HI 96819 TMK: 1-4-022-014:0000			
FLOOR PLAN – RENOVATION			
DOT DIRECTOR OFFICE RENOVATION			
Project No. HWY-02-27M			
Scale: 3/32" = 1'-0" Date: August 2026			
SHEET No. 1 OF 1 SHEETS			

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW	HWY-02-27M	2022	##	16



Wall A
LIBRARY



Wall C

Wall D

Wall A

Wall B

Wall C

Wall D
COMMITTEE ROOM

INTERIOR ELEVATIONS – DEMOLITION
A005/A005 Scale: 1/4" = 1'-0"

Renovation Key Notes
(All Key Notes May Not Apply To This Sheet)

- (a) Remove and rewire as needed surface mounted raceways, outlets, switches, etc., see electrical.
- (b) Demolish portion of (e) wall, wall base, wall trims, window, and wood paneling up to horizontal wood trim, +/- 7'-3" Upper gyp. bd. wall to remain. (Not used) ADD2
- (c) Remove (e) door and door frame.
- (d) Demolish (e) wall entirely.
- (e) Remove (e) built-in wood bench. (Not used) ADD2
- (f) Remove and salvage (e) furniture.
- (g) Remove (e) wood wall panel, wall beyond to remain.
- (h) Remove (e) whiteboards, check with Contracting Officer if its to be salvaged.
- (i) Remove (e) wood trims. Do not remove wood trim around doors.
- (j) Remove (e) rubber wall base.
- (k) Remove (e) cabinets.

- NOTES:
1. Remove and store moveable furniture. Check with Contracting Officer on where to locate furniture after removal.
 2. Remove and return all framed pictures, equipments and other miscellaneous items to Contracting Officer.
 3. Patch and repair wall where existing wall is removed.
 4. Properly prepare all walls to be painted per Specifications..
 5. Existing wood wall base to remain, UON.

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

ADD-2

ADD2

ADDENDUM NO. 2

9/28/2026

REVISION NO.

SYM

DESCRIPTION

SH

DATE

APPROVED

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

2530 LIKELIKE HIGHWAY

HONOLULU, HI 96819

TMK: 1-4-022-014:0000

INTERIOR ELEVATION – DEMOLITION

DOT DIRECTOR OFFICE RENOVATION

Project No. HWY-02-27M

Scale: 1/4" = 1'-0" Date: August 2026

SHEET No. 1 OF 1 SHEETS

STEVEN D. WONG

LICENSED PROFESSIONAL ARCHITECT

No. 4646

HAWAII U.S.A.

This work was prepared by me or under my supervision

4/30/2028

MTSUNAGA & ASSOCIATES, INC.

EXP. DATE

NOTE: Contractor to check and verify dimensions at job before proceeding with work.

4 3 2 1 0 4 8FT

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

**Questions for solicitation: B27000308 HWY-02-27M HDOT Punchbowl Office
Renovation
09/28/2026**

1. Will there be a site visit scheduled?

Response: Information regarding a Non-Mandatory Site Visit date held on September 9, 2026, was issued via Addendum No. 1 (9/2/2026).

2. Will the DOT be arranging a Prebid site meeting and walk through?

Response: Information regarding a Non-Mandatory Site Visit date held on September 9, 2026, was issued via Addendum No. 1 (9/2/2026).

3. Is there an asbestos/lead survey for the existing carpet, adhesive, ceiling tile, wall materials, paint, and sealants?

Response: Added in Addendum 2, Special Provision Section 609 – EXISTING HAZARDOUS MATERIAL, with attachments.

4. Confirm whether hazardous-material testing or abatement is included in the contractor's scope.

Response: Added in Addendum 2, Special Provision Section 609 – EXISTING HAZARDOUS MATERIAL with attachments. Include in Contractor's scope.

5. Confirm normal construction hours and whether noisy or disruptive work must be performed after hours.

Response: Added in Addendum 2, Special Provision Section 608 – SUMMARY.
7:30 am – 4:30 am.

6. Confirm whether the Committee Room and reception areas will be completely vacant during construction.

Response: Committee Room will be vacant. Reception area will be occupied and is not part of this scope of work.

7. Confirm staging, dumpster, loading, parking, and elevator-use arrangements.

Response: Responsibility of the Contractor to obtain staging area, parking, etc. A permit obtained by the Contractor from the City and County can be done to reserve the street parking in front of the Punchbowl building.

Elevator use will need to be coordinated with DOT, 1 week in advance.

8. Confirm whether any permits beyond electrical and mechanical trade permits are required.

Response: No building permit for this project.

9. Which firm maintains or supports the building's Fire Alarm system?

Response: Johnson Controls. Existing cabinets to be removed completely.

10. Is a Bid Bond Required?

Response: Special Provision, Addendum 2, Section 102.08, state proposal guaranty requirements.

11. Confirm whether the new entry glass-door and window-wall system is located at the existing pair of entrance doors measuring approximately 61 inches wide by 80 inches high.

Revised Addendum No. 2, **Sheet A006 – INT ELEV RENOVATION, FIN SCH**, omitting notation “A” from “Renovation Key Note” for clarification. Glass partition wall and door system is not a part of this scope of work.

12. Provide the required configuration, glass type, framing, finish, door hardware and dimensions for the new entry glass doors and window walls referenced in the Notice to Bidders and Sheet A006.

Revised Addendum No. 2, **Sheet A006 – INT ELEV RENOVATION, FIN SCH**, omitting notation “A” from “Renovation Key Note” for clarification. Glass partition wall and door system is not a part of this scope of work.

13. The Notice to Bidders includes carpeting and repainting in the Reception area, but Reception 1 and Reception 2 are labeled N.I.C. on the plans. Confirm whether either Reception area is included in the project scope.

Response: Deleted Special Provisions **NOTICE TO BIDDERS** in its entirety and replaced with revised **Addendum No. 2 NOTICE TO BIDDERS**, dated r9/24/2026.

Reception areas are not in the scope of work for this project.

14. Confirm whether the existing floor tile and adhesive in the former Library are to remain with new carpet installed over them or be removed.

Response: Existing floor tiles to remain in Library and install new carpet over tiles. See Special Provisions **Section 682 – TILE CARPETING** for leveling and patching compounds.

15. Confirm whether the existing cabinets identified for removal are to be disposed of, salvaged and returned to HDOT, stored for reuse, or reinstalled.

Response: Cabinets are not to be salvaged.

16. Confirm whether all walls in the combined Library and Committee Room are to be completely repainted or only the exposed, patched and repaired wall surfaces identified on the plans.

Response: See Addendum No. 2, Sheet **A006 INT ELEV.** Confirming Walls A, B and D to be repainted entirely. Wall C to be painted above the wood paneling.

17. The existing fire-alarm horn/strobe is located on the wall being demolished. Please confirm whether it should be relocated, replaced, or turned over to the State. If it is being relocated or replaced, please provide the new location.

Response: The existing fire alarm horn/strobe in the existing Library shall be removed and turned over to the State. Rewire as required to ensure the remaining FA devices remain functional.

18. Please clarify how the floor-height difference between the existing tile in the former Library and the adjacent Committee Room floor is to be addressed, including any required leveling or transition materials.

Response: Existing floor tiles to remain in Library and install new carpet over tiles.

See Special Provisions **Section 682 – TILE CARPETING** for leveling and patching compounds.

19. Please clarify the wall-base requirements for the renovated Library and Committee Room. Confirm whether the existing base is to remain or be reused, and identify the material, size, profile, color, and locations of any new base required.

Response: See **Addendum 2, Sheet A006 – INT ELEV, FIN SCH.** “RB-1 Rubber Base” should be used at cabinets. All other spaces, existing wood base is to be reused. Where new wall base is needed, wall base shall match adjacent wood base.

20. Please see below substitution request for the subject project.

<https://review.parspec.io/submittal/f9c8a5ac2ddf477f04cf67f178468f24/> Please confirm receipt of this email and let us know if you have any questions.

Response: The proposed light fixture is acceptable as a substitute for the specified fixture.

21. Section 675 requires light-blocking woven PVC-coated fiberglass/PVC-coated polyester shade fabric that is 0.015 inch thick and weighs 12 oz./sq. yd. Insolroll Nightfall is an opaque, washable, NFPA 701-compliant commercial shade fabric; however, its published specifications list laminated vinyl-and-fiberglass construction, a thickness of 0.0125 inch, and a weight of 12.5 oz./sq. yd. Please confirm whether Insolroll Nightfall is acceptable as an equivalent. If not, please identify an acceptable shade fabric.

Response: Substitution is acceptable.

22. Sheet A003 shows three new door thresholds and refers to the specifications, but no threshold specification or detail was found. Please provide the required material, profile, dimensions, finish, and anchorage for the new thresholds.

Response: See Special Provisions **SECTION 664 – DOOR HARDWARE**, issued in Addendum 2.

23. Sheet M200 labels the affected 48-inch-by-6-inch supply slot diffusers as new, while Mechanical New Work Note M1 directs the contractor to reinstall the existing diffusers. Please confirm whether these diffusers are to be new or salvaged and reinstalled.

Response: Per scope reduction instruction, salvage existing air devices and provide new flex duct and ductwork as shown and mentioned in New Work Note M1.

24. Sheet A003 identifies Reception 2 as N.I.C.; however, Sheet M200 shows a supply slot diffuser and associated ductwork within Reception 2. Please confirm whether this mechanical work is included in the contract.

Response: Proceed with new work for the Committee Room and Library only (per scope reduction).

25. Sheet A006 lists RB-1, 4-inch Burke Type TS rubber base in Sterling Gray “throughout,” while the elevations and notes show existing wood base to remain and new wood trim base to match adjacent. Please identify the exact limits of the rubber base and the existing or new wood base.

Response: See **Addendum 2, Sheet A006 – INT ELEV, FIN SCH.** “RB-1 Rubber Base” to be used at cabinets. Existing wood base is to be reused. Where new wall base is needed, wall base shall match adjacent wood base.

26. Please confirm whether the ED101 device is to be permanently removed, relocated, or replaced and provide the new location if applicable.

Response: Only devices located on the wall being demolished between the Library and Committee Room shall be removed or relocated, as indicated on sheets ED101 & E102.

27. Is there a Hazmat Report for this project. Of particular concern would be adhesives that may have been used for the wood paneling, whiteboards, and carpeting. Also, the textured painted area on the wall that is to be demolished. If there is no report, should the contractors include the cost for a Hazmat Survey in their proposals.

Response: Added in Addendum 2, Special Provision **Section 609 – EXISTING HAZARDOUS MATERIAL** with attachments. Include in Haz Mat testing and report in Contractor’s scope.

28. The existing Library walls have a light texture while the Committee Room walls above the wood paneling have a heavy texture. The walls behind the wood paneling that is to be removed would normally be patched to provide a smooth texture. This would result in the new B and D walls having a combination of three different textures. Please advise if this is acceptable.

Response: Entire (all) wall surfaces should be smooth, painted and match all adjacent surfaces for uniform finish. Only front wall’s (with main existing double doors) wood wall panel to

remain, but painted above the wall panel/trim. (See Interior elevations) See Special Provision, Addendum 2, r9/24/2026, Section 681 – Repainting for further clarification.

29. Is there a Building Permit for this project?

Response: No building permit.

30. What is the anticipated construction start date for this project?

Response: January 2027.

31. Can the Proposal form and sheets possibly be released separately in a pdf that isn't locked to the 300+ page specifications file

Response: Provided.

32. Section 678 allows Armstrong or an approved equal. Would HDOT consider USG Mars ClimaPlus 86785 ceiling panels with the USG Donn DXL 15/16-inch suspension system as an approved equal to Armstrong Ultima 1911 and Prelude XL?

The proposed tile is 24" x 24" x $\frac{3}{4}$ ", white, fine textured, Class A, NRC 0.75 and LR 0.90. Its published CAC is 35. Armstrong Ultima 1911 is also currently published with a CAC of 35, although Section 678 lists CAC 40.

Response: This product is acceptable.

End of RFIs