

CONSTRUCTION DOCUMENTS

FOR

**PROJECT NO. 9557380
UCDH EAST WING #1514 HOSPITAL STORAGE
HCAI NO.: S211061-34-00**

**FACILITIES DESIGN AND CONSTRUCTION
FACILITIES PLANNING AND DEVELOPMENT DIVISION
UC DAVIS HEALTH**

**SACRAMENTO, SACRAMENTO COUNTY
CALIFORNIA**

OCTOBER 2023



Facilities Design & Construction
4800 2nd Avenue, Suite 3010
Sacramento, CA 95817
(916) 734-7024

October 6, 2023

PROJECT NO.: 9557380; HCAI NO.: S211061-34-00
UCDH EAST WING #1514 Hospital Storage
UC DAVIS HEALTH

SUBJECT: NOTICE TO ALL PLAN HOLDERS

Dear Prospective Bidder:

A **mandatory** Pre-Bid Conference and Project Job Walk will be conducted on **Wednesday, October 25, 2023, at 11:00 a.m.**, at Facilities Design and Construction, 4800 2nd Avenue, Suite 3010, Sacramento, CA 95817.

Prospective Bidders arriving after the Pre-Bid meeting start time of **11:00 a.m.**, will be automatically disqualified from submitting a bid as a Prime Contractor for this project. Please plan to arrive approximately 45 minutes prior to the meeting to allow time for parking; maps are available at office.

The University has determined that bidders shall be familiar with the University specific job site requirements to be eligible to bid. **ONLY THOSE BIDDERS WHO HAVE ATTENDED THE ENTIRE MANDATORY PRE-BID CONFERENCE AND PROJECT JOB WALK FOR THIS PROJECT WILL BE ELIGIBLE TO SUBMIT A BID.**

The Bid Documents should be read prior to attending the meeting. Please bring this set of Bid Documents to the Pre-Bid Conference. The University recommends that the person(s) preparing the bid documents also attend the conference.

Attendance at the Pre-Bid Conference and Project Site Walk-Through is **MANDATORY** for bid compliance.

Yours truly,

DocuSigned by:
Leila Couceiro
B5229FB6A48B491...
Leila Couceiro
Contracts Manager

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ADVERTISEMENT FOR BIDS

Subject to conditions prescribed by UC Davis Health, Facilities Design & Construction, sealed bids for a lump-sum contract are invited for the following work:

**PROJECT NO. 9557380
UCDH EAST WING #1514 Hospital Storage
HCAI NO.: S211061-34-00**

Description of Work: Project is to construct a storage room in Suite 1514. Scope includes abatement, removal, and demolition of existing walls, ceilings, flooring, finishes, doors, windows, equipment, plumbing, HVAC, electrical, and other building components, and the construction of a 2-Hour Rated Assembly at the perimeter of the project; providing HVAC, electrical, fire sprinklers, ceilings, flooring, finishes and other building components to create a 3,186 Square Foot storage space.

Bidder Qualifications: *To be eligible for consideration of award, bidders must have the minimum experience set forth in the Supplementary Instructions to Bidders. Bidders must submit the qualification documents as an attachment to the Bid Form.*

Bidding Documents will only be available digitally at no cost to Bidders beginning **October 13, 2023**, from our website at:

<https://health.ucdavis.edu/facilities/work-with-us/contractors/out-to-bid>

Bidders must attend a **MANDATORY** pre-bid conference and job walk at **11 a.m. on Wednesday, October 25, 2023**. Participants shall meet at **Facilities Design & Construction (916-734-7024), 4800 2nd Avenue, Suite 3010, Sacramento, CA 95817**. Bidders must be present at the pre-bid conference no later than the scheduled start time in order to bid as a Prime Contractor and must attend both the conference and job walk in their entirety. Attendees should plan to arrive at least 45 minutes prior to the scheduled meeting time to arrange for parking. A daily permit for the B and C Lots can be purchased from the Parking & Transportation Services (916-734-2687), 4800 2nd Ave., Suite 1100, Sacramento, CA 95817. Limited 2-hour free parking is available in front of the building on a first-come, first-served basis.

Bids will be received only at: Facilities Design and Construction, 4800 2nd Avenue, Suite 3010, Sacramento, CA 95817. **Electronic submissions are not acceptable.**

Bid Deadline/Opening: Sealed bids must be received on or before 10 a.m., Thursday, November 9, 2023.

Estimated Construction Cost: \$1,500,000.00

Bid Security in the amount of 10% of the Lump Sum Base Bid, excluding alternates, shall accompany each Bid. The Surety issuing the Bid Bond shall be, on the Bid Deadline, an admitted surety insurer (as defined in California Code of Civil Procedure Section 995.120).

The successful Bidder will be required to have the following California current and active contractor's license at the time of submission of the Bid: B – General Contractor

Every effort will be made to ensure that all persons have equal access to contracts and other business opportunities with the University within the limits imposed by law or University policy. Each Bidder may be required to show evidence of its equal employment opportunity policy. The successful Bidder and its subcontractors will be required to follow the nondiscrimination requirements set forth in the Bidding Documents and to pay prevailing wages at the location of the work.

In addition, the University is committed to promoting and increasing participation of small business enterprises (SBEs) and disabled veteran business enterprises (DVBES) relating to all goods and services covered under the awarded agreement, subject to any and all applicable obligations under state and federal law, and University

policies. The awarded contractor shall make best efforts to provide qualified SBEs and DVBES with the maximum opportunity to participate. Please contact hs-contracts@ucdavis.edu for further information.

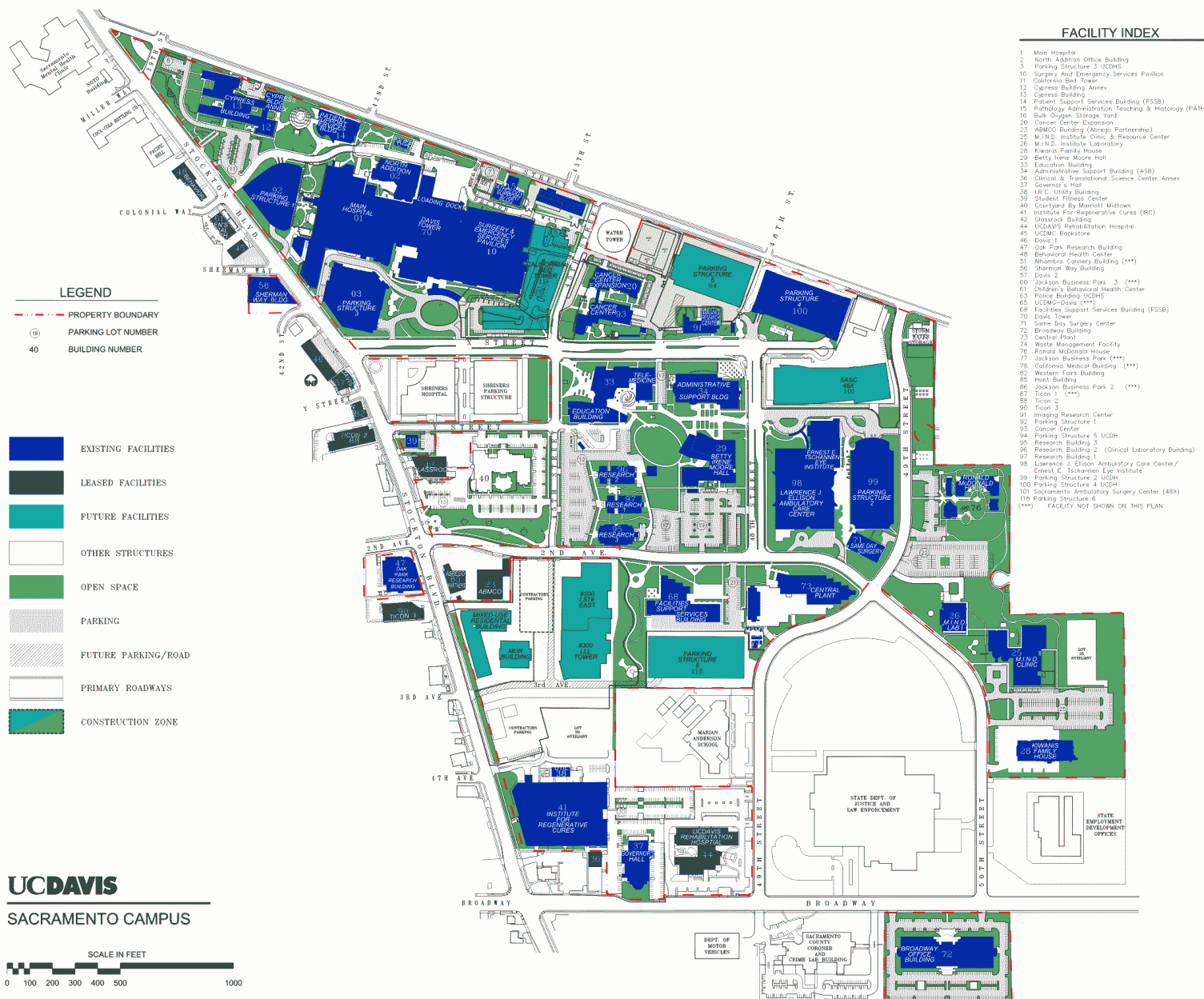
The work described in the contract is a public work subject to section 1771 of the California Labor Code.

No contractor or subcontractor, regardless of tier, may be listed on a Bid for, or engage in the performance of, any portion of this project, unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 and 1771.1. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

The successful Bidder shall pay all persons providing construction services and/or any labor on site, including any University location, no less than the UC Fair Wage (defined as \$15 per hour) and shall comply with all applicable federal, state, and local working condition requirements.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
UC Davis Health

OCTOBER 2023



PROJECT DIRECTORY

Project Name: UCDH EAST WING #1514 Hospital Storage

Project Number: 9557380

Location: Facilities Design and Construction
UC Davis Health
4800 2nd Avenue, Suite 3010
Sacramento, CA 95817
T: 916-734-7024; F: 916-734-7751

University: The Regents of the University of California

University's Responsible Administrator: Jason Nietupski, Executive Director
Facilities Planning & Development Division

University's Representative: Jamey Byrne, Project Manager

Design Professional: M+A Architecture, Inc.
1111 Sedona Street
Rocklin, CA 95765
T: 408-204-5393

Address for Stop Notices: Karen Brown, Manager
Capital Finance
Facilities Planning & Development Division
4800 2nd Avenue, Suite 3010, Sacramento, CA 95817

Address for Demand for Arbitration: Western Case Management Center
6795 N. Palm Avenue, 2nd Floor
Fresno, CA 93704

A copy of the Demand for Arbitration must be sent to: University of California
Office of the General Counsel
1111 Franklin Street, 8th Floor
Oakland, CA 94607

Jason Nietupski, Executive Director
Facilities Planning & Development Division
4800 2nd Avenue, Suite 3010, Sacramento, CA 95817

Address for filing Bid Protests: Leila Couceiro, Contracts Manager
Facilities Design and Construction
University of California, Davis Health
4800 2nd Avenue, Suite 3010, Sacramento, CA 95817
Email: lccouceiro@ucdavis.edu

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ARTICLE 1 – DEFINITIONS

- 1.1 Except as otherwise specifically provided, definitions set forth in the General Conditions or in other Contract Documents are applicable to all Bidding Documents.
- 1.2 The term “Addenda” means written or graphic instruments issued by University prior to the Bid Deadline which modify or interpret the Bidding Documents by additions, deletions, clarifications, or corrections.
- 1.3 The term “Alternate” means a proposed change in the Work, as described in the Bidding Documents which, if accepted, may result in a change to either the Contract Sum or the Contract Time, or both.
- 1.4 The term “Bid Deadline” means the date and time on or before which Bids must be received, as designated in the Advertisement for Bids and which may be revised by Addenda.
- 1.5 The term “Bidder” means a person or firm that submits a Bid.
- 1.6 The term “Bidding Documents” means the construction documents prepared and issued for bidding purposes including all Addenda thereto.
- 1.7 The term “Estimated Quantity” means the estimated quantity of an item of Unit Price Work.
- 1.8 As used in these Instructions to Bidders, the term “Facility” means the University's Facility office issuing the Bidding Documents.
- 1.9 The term “Lump Sum Base Bid” means the sum stated in the Bid for which Bidder offers to perform the Work described in the Bidding Documents, but not including Unit Price items or Alternates.
- 1.10 The term “Planholder” means a person or entity known by the Facility to have received a complete set of Bidding Documents and who has provided a street address for receipt of any written pre-bid communications.
- 1.11 The term “Unit Price” means an amount stated in the Bid for which Bidder offers to perform an item of Unit Price Work for a fixed price per unit of measurement.
- 1.12 As used in these Instructions to Bidders, the term “Business Day” means any day other than a Saturday, a Sunday, and the holidays specified herein, and to the extent provided herein, if the Facility or applicable office of the University is closed for the whole of any day, insofar as the business of that office is concerned, that day shall be considered as a **holiday** for the purposes of computing time in these Instructions to Bidders. Holidays include January 1st, the third Monday in January, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, November 11th, Thanksgiving Day, December 25th, and every day designated by the University as a **holiday**.

ARTICLE 2 – BIDDER'S REPRESENTATIONS

- 2.1 Bidder, by making a Bid, represents that:
- 2.1.1 Bidder has read, understood, and made the Bid in accordance with the provisions of the Bidding Documents.
- 2.1.2 Bidder has visited the Project site and is familiar with the conditions under which the Work is to be performed and the local conditions as related to the requirements of the Contract Documents.
- 2.1.3 The Bid is based upon the materials, equipment, and systems required by the Bidding Documents without exception.
- 2.1.4 At the time of submission of the Bid, Bidder and all Subcontractors, regardless of tier, have the appropriate current and active licenses issued by the State of California Contractors State License Board for the Work to be performed and any licenses specifically required by the Bidding Documents. If Bidder is a joint venture, at the time of submission of the Bid, Bidder shall have the licenses required by the preceding sentence in the name of the joint venture itself. The State of California Business and Professions Code, Division 3, Chapter 9, known as the “Contractor's License Law,” establishes licensing requirements for contractors.
- 2.1.5 Bidder has read and shall abide by the nondiscrimination requirements contained in the Bidding Documents.
- 2.1.6 Bidder has the expertise and financial capacity to perform and complete all obligations under the Bidding Documents.
- 2.1.7 The person executing the Bid Form is duly authorized and empowered to execute the Bid Form on behalf of Bidder.

2.1.8 Bidder is aware of and, if awarded the Contract, will comply with Applicable Code Requirements in its performance of the Work.

ARTICLE 3 – BIDDING DOCUMENTS

3.1 COPIES

3.1.1 Bidders may obtain complete sets of the Bidding Documents from the issuing office designated in the Advertisement for Bids for the sum stated therein, if any. Documents are only available in full sets and shall not be returned.

3.1.2 Bidders shall use a complete set of Bidding Documents in preparing Bids.

3.1.3 University makes copies of the Bidding Documents available, on the above terms, for the sole purpose of obtaining Bids for the Work and does not confer a license or grant permission for any other use of the Bidding Documents.

3.2 INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

3.2.1 Bidder shall, before submitting its Bid, carefully study and compare the components of the Bidding Documents and compare them with any other work being bid concurrently or presently under construction which relates to the Work for which the Bid is submitted; shall examine the Project site, the conditions under which the Work is to be performed, and the local conditions; and shall at once report to University's Representative errors, inconsistencies, or ambiguities discovered. If Bidder is awarded the Contract, Bidder waives any claim arising from any errors, inconsistencies or ambiguities, that Bidder, its subcontractors or suppliers, or any person or entity under Bidder on the Contract became aware of, or reasonably should have become aware of, prior to Bidder's submission of its Bid.

3.2.2 Requests for clarification or interpretation of the Bidding Documents shall be addressed only to the person or firm designated in the Supplementary Instructions to Bidders.

3.2.3 Clarifications, interpretations, corrections, and changes to the Bidding Documents will be made by Addenda issued as provided in Article 3.5. Clarifications, interpretations, corrections, and changes to the Bidding Documents made in any other manner shall not be binding and Bidders shall not rely upon them.

3.3 PRODUCT SUBSTITUTIONS

3.3.1 No substitutions will be considered prior to award of Contract. Substitutions will only be considered after award of the Contract and as provided for in the Contract Documents.

3.4 SUBCONTRACTORS

3.4.1 Each Bidder shall list in the Bid Form all first-tier Subcontractors that will perform work, labor or render such services as defined in Article 9 of the Bid Form. The Bid Form contains spaces for the following information when listing Subcontractors: (1) portion of the Work; (2) name of Subcontractor; (3) city of Subcontractor's business location; (4) California contractor license number; (5) Department of Industrial Relations (DIR) registration number. An inadvertent error in listing the California contractor license number and or DIR registration number shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive if the corrected contractor's license number and or registration number is submitted in writing by, and actually received from, the Bidder within 24 hours after the bid opening and provided the corrected contractor's license number and or registration number corresponds to the submitted name and location for that subcontractor. The failure to list, on the Bid Form, any one of the items set forth above will result in the University treating the Bid as if no Subcontractor was listed for that portion of the Work and Bidder will thereby represent to University that Bidder agrees that it is fully qualified to perform that portion of the Work and shall perform that portion of the Work.

3.4.2 Subcontractors listed in the Bid Form shall only be substituted after the Bid Deadline with the written consent of University and in accordance with the State of California "Subletting and Subcontracting Fair Practices Act."

3.5 ADDENDA

3.5.1 Addenda will be issued only by University and only in writing. Addenda will be identified as such and will be mailed or delivered to all Planholders. At its sole discretion, the University may elect to deliver Addenda via facsimile to Planholders who have provided a facsimile number for receipt of Addenda.

3.5.2 Copies of Addenda will be made available for inspection wherever Bidding Documents are on file for inspection.

3.5.3 Addenda will be issued such that Planholders should receive them no later than 3 full business days prior to the Bid Deadline. Addenda withdrawing the request for Bids or postponing the Bid Deadline may be issued any time prior to the Bid Deadline.

3.5.4 Each Bidder shall be responsible for ascertaining, prior to submitting a Bid, that it has received all issued Addenda.

3.6 BUILDER'S RISK PROPERTY INSURANCE

3.6.1 University will provide builder's risk property insurance subject to the deductibles in the policy as required by the General Conditions if the Contract Sum exceeds \$300,000 at the time of award and the requirements of the Project are not excluded by such coverage. A summary of the provisions of the policy is included as an Exhibit to the Contract; the policy may be reviewed at the Facility office. Bidder agrees that the University's provision of builder's risk property insurance containing said provisions meets the University's obligation to provide builder's risk property insurance under the Contract and, in the event of a conflict between the provisions of the policy and any summary or description of the provisions contained herein or otherwise, the provisions of the policy shall control and shall be conclusively presumed to fulfill the University's obligation to provide such insurance.

ARTICLE 4 – PRE-BID CONFERENCE

4.1 Bidder shall attend the Pre-Bid Conference at which the requirements of the Bidding Documents are reviewed by University, comments and questions are received from Bidders, and a Project site visit is conducted. University requires all Pre-Bid Conference attendees to arrive for the meeting on time and to sign an attendance list, which in turn is used to determine if Bidders meet this requirement. Any Bidder not attending the Pre-Bid Conference in its entirety will be deemed to have not complied with the requirements of the Bidding Documents and its Bid will be rejected.

ARTICLE 5 – BIDDING PROCEDURES

5.1 FORM AND STYLE OF BIDS

5.1.1 Bids shall be submitted on the Bid Form included with the Bidding Documents. Bids not submitted on the University's Bid Form shall be rejected.

5.1.2 The Bid Form shall be filled in legibly in ink or by typewriter. All portions of the Bid Form must be completed and the Bid Form must be signed before the Bid is submitted. Failure to comply with the requirements of this Article 5.1.2 will result in the Bid being rejected as nonresponsive.

5.1.3 Bidder's failure to submit a price for any Alternate or Unit Price will result in the Bid being considered as nonresponsive. If Alternates are called for and no change in the Lump Sum Base Bid is required, indicate "No Change" by marking the appropriate box.

5.1.4 Bidder shall make no stipulations on the Bid Form nor qualify the Bid in any manner.

5.1.5 The Bid Form shall be signed by a person or persons legally authorized to bind Bidder to a contract. Bidder's Representative shall sign and date the Declaration included in the Bid Form. Failure to sign and date the declaration will cause the Bid to be rejected.

5.2 BID SECURITY

5.2.1 Each Bid shall be accompanied by Bid Security in the amount of 10% of the Lump Sum Base Bid as security for Bidder's obligation to enter into a Contract with University on the terms stated in the Bid Form and to furnish all items required by the Bidding Documents. Bid Security shall be a Bid Bond on the form provided by University and included herein, or a certified check made payable to "The Regents of the University of California." When a Bid Bond is used for Bid Security, failure to use University's Bid Bond form will result in the rejection of the Bid. Bidder must use the Bid Bond form provided by the University or an exact, true and correct photocopy of such form. The Bid Bond form may not be retyped, reformatted, transcribed onto another form, or altered in any manner except for the purpose of completing the form.

5.2.2 If the apparent lowest responsible Bidder fails to sign the Agreement and furnish all items required by the Bidding Documents within the time limits specified in these Instructions to Bidders, University may reject such Bidder's Bid and select the next apparent lowest responsible Bidder until all Bids have been exhausted or University may reject all Bids. The Bidder whose Bid is rejected for such failure(s) shall be liable for and forfeit to University the amount of the difference, not to exceed the amount of the Bid Security, between the amount of the Bid of the Bidder so rejected and the greater amount for which University procures the Work.

5.2.3 If a Bid Bond is submitted, the signature of the person executing the Bid Bond must be notarized. If an attorney-in-fact executes the Bid Bond on behalf of the surety, a copy of the current power of attorney bearing the notarized signature of the appropriate corporate officer shall be included with the Bid Bond. Additionally, the surety issuing the Bid Bond shall be, on the Bid Deadline, an admitted surety insurer (as defined in the California Code of Civil Procedure Section 995.120).

5.2.4 Bid Security will be returned after the contract has been awarded. Notwithstanding the preceding, if a Bidder fails or refuses, within 10 days after receipt of notice of selection, to sign the Agreement or submit to University all of the items required by the Bidding Documents, the University will retain that Bidder's Bid Security. If the Bid Security is in the form of a Bid Bond, the Bid Security will be retained until the University has been appropriately compensated; if the Bid Security is in the form of certified check, the University will negotiate said check and after deducting its damages, return any balance to Bidder.

5.3 SUBMISSION OF BIDS

5.3.1 The Bid Form, Bid Security, and all other documents required to be submitted with the Bid shall be enclosed in a sealed opaque envelope. The envelope shall be addressed to the office designated in the Supplementary Instructions to Bidders for receipt of Bids. The envelope shall be identified with the Project name, Bidder's name and address, and, if applicable, the designated portion of the Project for which the Bid is submitted. If the Bid is sent by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation "SEALED BID ENCLOSED" on the face thereof.

5.3.2 Bids shall be deposited at the designated location on or before the Bid Deadline. A Bid received after the Bid Deadline will be returned to Bidder unopened.

5.3.3 Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids.

5.3.4 Oral, telephonic, electronic mail (e-mail), facsimile, or telegraphic Bids are invalid and will not be accepted.

5.4 MODIFICATION OR WITHDRAWAL OF BID

5.4.1 Prior to the Bid Deadline, a submitted Bid may be modified or withdrawn by notice to the Facility receiving Bids at the location designated for receipt of Bids. Such notice shall be in writing over the signature of Bidder and, in order to be effective, must be received on or before the Bid Deadline. A modification so made shall be worded so as not to reveal the amount of the original Bid.

5.4.2 A withdrawn Bid may be resubmitted on or before the Bid Deadline, provided that it then fully complies with the Bidding Requirements.

5.4.3 Bid Security shall be in an amount sufficient for the Bid as modified or resubmitted.

5.4.4 Bids may not be modified, withdrawn, or canceled within 60 days after the Bid Deadline unless otherwise provided in Supplementary Instructions to Bidders.

ARTICLE 6 – CONSIDERATION OF BIDS

6.1 OPENING OF BIDS

6.1.1 Bids which have the required identification as stipulated in Article 5.3.1 and are received on or before the Bid Deadline will be opened publicly.

6.2 REJECTION OF BIDS

6.2.1 University will have the right to reject all Bids.

6.2.2 University will have the right to reject any Bid not accompanied by the required Bid Security or any other item required by the Bidding Documents, or a Bid which is in any other way incomplete or irregular.

6.3 AWARD

6.3.1 University will have the right, but is not required, to waive nonmaterial irregularities in a Bid. If the University awards the Contract, it will be awarded to the responsible Bidder submitting the lowest responsive Bid as determined by University and who is not rejected by University for failing or refusing, within 10 days after receipt of notice of selection, to sign the Agreement or submit to University all of the items required by the Bidding Documents.

6.3.2 University will have the right to accept Alternates in any order or combination, unless otherwise specifically provided in the Bidding Documents. The opening of Bids and evaluation of Alternates will be conducted in accordance with a procedure that, at University's option, either (i) prescribes, prior to the time of Bid opening, the order in which Alternates will be selected or (ii) prevents, before the determination of the apparent low Bidder has been made, information that would identify which Bid belongs to which Bidder from being revealed to the representative of the University selecting the Alternates to be used in determining the low Bidder. After determination of the apparent low Bidder has been made, University will publicly disclose the identity of each Bidder that submitted a Bid and the amount of each such Bid.

6.3.3 University will determine the low Bidder on the basis of the sum of the Lump Sum Base Bid plus all Unit Prices multiplied by their respective Estimated Quantities as stated in the Bid Form, if any, plus the daily rate for Compensable Delay multiplied by the "multiplier" as stated in the Bid Form, plus the amounts of all Alternates to be included in the Contract Sum at the time of award. The Contract Sum will be the sum of the Lump Sum Base Bid and the additive or deductive amounts for all Alternates that University has elected to be included in the Contract Sum as of the time of award.

6.3.4 The University will post the Bid results in a public place at the address where the Bids are received (unless another address is specified in the Bidding Documents).

6.3.5 University will select the apparent lowest responsive and responsible Bidder and notify such Bidder on University's form within 50 days (unless the number of days is modified in Supplementary Instructions to Bidders) after the Bid Deadline or reject all Bids. Within 10 days after receipt of notice of selection as the apparent lowest responsive and responsible Bidder, Bidder shall submit to University all of the following items:

- .1 Three originals of the Agreement signed by Bidder.
- .2 Three originals of the Payment Bond required under Article 11 of the General Conditions.
- .3 Three originals of the Performance Bond required under Article 11 of the General Conditions.
- .4 Certificates of Insurance on form provided by University required under Article 11 of the General Conditions.
- .5 Name of, qualifications of, and references for the Superintendent proposed for the Work.
- .6 Names of all Subcontractors, with their addresses, telephone number, facsimile number, contact person, portion of the Work, California contractor license number, and designation of any Subcontractor as a Small Business Enterprise (SBE), Disadvantaged Business Enterprise (DBE), Women-owned Business Enterprise (WBE) and Disabled Veteran Business Enterprise (DVBE) on Report of Subcontractor Information in the form contained in the Exhibits. Evidence, as required by University, of the reliability and responsibility of the proposed Subcontractors such as statements of experience, statements of financial condition, and references.
- .7 Preliminary Contract Schedule as required under Article 3 of the General Conditions.
- .8 If Bidder wishes to utilize securities in lieu of retention beginning with the first Application for Payment, Selection of Retention Options accompanied by a completed Escrow Agreement for Deposit of Securities in Lieu of Retention and Deposit of Retention in the form contained in the Exhibits.
- .9 Cost Breakdown as required by Article 9 of the General Conditions.

6.3.6 Prior to award of the Contract, University will notify Bidder in writing, if University, after due investigation, objects to a Subcontractor or Superintendent proposed by Bidder, in which case Bidder shall propose a substitute acceptable to University. Substitution of Superintendent shall be made in accordance with Article 3 of the General Conditions. Substitution of a Subcontractor shall be made in accordance with Article 5 of the General Conditions. Failure of University to object to a proposed Superintendent or Subcontractor prior to award shall not preclude University from requiring replacement of Superintendent or any Subcontractor based upon information received subsequent to award, information which cannot be properly evaluated prior to award due to time constraints, or information relating to a failure to comply with the requirements of the Contract.

6.3.7 If Bidder submits three originals of the signed Agreement and all other items required to be submitted to University within 10 days after receipt of notice of selection as the apparent lowest responsive and responsible Bidder, and if all such items comply with the requirements of the Bidding Documents and are acceptable to University, University will award the Contract to Bidder by signing the Agreement and returning a signed copy of the Agreement to Bidder.

6.3.8 If University consents to the withdrawal of the Bid of the apparent lowest responsive and responsible Bidder, or the apparent lowest responsive and responsible Bidder fails or refuses to sign the Agreement or submit to University all of the items required by the Bidding Documents, within 10 days after receipt of notice of selection, or that Bidder is not financially or otherwise qualified to perform the Contract, University may reject such Bidder's Bid and select the next apparent lowest responsible Bidder, until all Bids are exhausted, or reject all Bids. Any Bidder whose Bid is rejected because the Bidder has failed or refused, within 10 days after receipt of notice of selection, to sign the Agreement or submit to University all of the items required by the Bidding Documents, shall be liable to the University for all resulting damages.

ARTICLE 7 – BID PROTEST

7.1 FILING A BID PROTEST

7.1.1 Any Bidder, person, or entity may file a Bid protest. The protest shall specify the reasons and facts upon which the protest is based and shall be filed in writing and received by Facility not later than 5:00 pm on the 3rd business day following:

- .1 if the Bid Form does not contain any Alternate(s), the date of the Bid opening;
- .2 if the Bid Form contains any Alternate(s), the date of posting in a public place of Bid results.

7.1.2 If a Bid is rejected by the Facility, and such rejection is not in response to a Bid protest, any Bidder, person or entity may dispute that rejection by filing a Bid protest (limited to the rejection) in writing and received by the Facility not later than 5:00 pm on the 3rd business day following the rejected Bidder's receipt of the notice of rejection.

7.1.3 For the purpose of computing any time period in this Article 7, the date of receipt of any notice shall be the date on which the intended recipient of such notice actually received it. Delivery of any notice may be by any means, with verbal or written confirmation of receipt by the intended recipient.

7.2 RESOLUTION OF BID CONTROVERSY

7.2.1 Facility will investigate the basis for the Bid protest and analyze the facts. Facility will notify Bidder whose Bid is the subject of the Bid protest of evidence presented in the Bid protest and evidence found as a result of the investigation, and, if deemed appropriate, afford Bidder an opportunity to rebut such evidence, and permit Bidder to present evidence that it should be allowed to perform the Work. If deemed appropriate by Facility, an informal hearing will be held. Facility will issue a written decision within 15 days following receipt of the Bid protest, unless factors beyond Facility's reasonable control prevent such a resolution, in which event such decision will be issued as expeditiously as circumstances reasonably permit. The decision will state the reasons for the action taken by Facility. A written copy of the decision will be furnished to the protestor, the Bidder whose Bid is the subject of the Bid protest, and all Bidders affected by the decision. As used in this Article 7, a Bidder is affected by the decision on a Bid protest if a decision on the protest could have resulted in the Bidder not being the lowest responsible and responsive Bidder for the Contract. A written copy of the Facility's decision must be received by the protestor, the Bidder whose Bid is the subject of the Bid protest, and all Bidders affected by the decision no later than 3 business days prior to award of the contract.

7.2.2 Notwithstanding the provisions of Article 7.2.1, at the election of Facility, a Bid protest may be referred directly to University's Construction Review Board without prior investigation and review by Facility. The Chair of the Construction Review Board will either decide the Bid protest or appoint a Hearing Officer. If a Hearing Officer is appointed, the Hearing Officer will review the Bid protest in accordance with the provisions of Article 7.2.4.

7.2.3 Bidder whose Bid is the subject of the protest, all Bidders affected by the Facility's decision on the protest, and the protestor have the right to appeal to the Construction Review Board if not satisfied with Facility's decision. The appeal must be in writing and shall specify the decision being appealed and all the facts and circumstances relied upon in support of the appeal. A copy of the appeal must be received by the Chair, Construction Review Board, not later than 5:00 pm on the 3rd business day following appellant's receipt of the written decision of Facility, at the following address:

Chair, Construction Review Board
University of California
Office of the President
1111 Franklin Street, 6th Floor
Oakland, CA 94607-5200
Attention: Associate Director, Design & Construction Policy

And, by email to: constructionreviewboard@ucop.edu

A copy of the appeal must be sent to all parties involved in the Bid protest and to Facility, to the same address and in the same manner as the original protest. An appeal received after 5:00 pm is considered received as of the next business day. If the final date for receipt of an appeal falls on a Saturday, Sunday, or University holiday, the appeal will be considered timely only if received by 5:00 pm on the following business day. The burden of proving timely receipt of the appeal is on the appealing party.

7.2.4 The Chair of the Construction Review Board will review the Facility's decision and the appeal, and issue a written decision, or if appropriate, appoint a Hearing Officer to conduct a hearing and issue a written decision. If a hearing is held, the hearing shall be held not later than the 10th day following the appointment of the Hearing Officer unless the Hearing Officer for good cause determines otherwise. The written decision of the Chair or Hearing Officer will state the basis of the decision, and the decision will be final and not subject to any further appeal to University. The Chair or Hearing Officer may consult with the University's Office of the General Counsel on the decision as to legal form. The University will complete its internal Bid protest procedures before award of the Contract.

[End]

SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

1. Contract Time: **256** days.
2. Requests for clarification or interpretation of the Bidding Documents must be in writing and received by 4 p.m., October 30, 2023. Questions received after the above noted deadline may be answered at the discretion of the University's Representative. Questions shall be addressed only to: Jamey Byrne–(jbyrne@ucdavis.edu); Nicole Quintero (nicquintero@ucdavis.edu); Dean Ranns-(dwranns@primeb.com).
3. Bidding Documents will only be available digitally at no cost to Bidders beginning October 13, 2023, from our website at: <https://health.ucdavis.edu/facilities/work-with-us/contractors/out-to-bid>
4. The **MANDATORY** Pre-Bid Conference will be conducted on Wednesday, October 25, 2023, beginning promptly at 11 a.m. Participants shall meet at **Facilities Design and Construction**.
5. Bids will be received on or before the Bid Deadline and only at: **Facilities Design and Construction**
6. Bids will be opened at 10 a.m., Thursday, November 9, 2023, at: **Facilities Design and Construction**
7. Contractor will be assessed as liquidated damages the sum of \$500.00 for each day the Work remains incomplete beyond the expiration of the Contract Time. After Substantial Completion, the rate for liquidated damages shall be reduced to the sum of \$50.00 per day. See Article 5 of the Agreement for detailed requirements.
8. Posting of Bid Results. Bid results will also be posted at our website on the following link:
<https://health.ucdavis.edu/facilities/work-with-us/contractors/out-to-bid>
9. **BIDDER QUALIFICATIONS:** To be eligible for consideration for award, Bidders must have the minimum experience described in the Qualification Questionnaire. To allow University to evaluate Bidders, each Bidder must submit qualification documents consisting of an experience record, and other required documents, with its Bid. This record must be described in the Qualification Questionnaire, which will be provided by University at the time of issuance of the Bidding Documents. To be eligible for consideration for award, the Bidder must demonstrate all of the criteria described in the Qualification Questionnaire.

[End]

INFORMATION AVAILABLE TO BIDDERS

The following information is made available for the convenience of bidders and is not a part of the Contract. The information is provided subject to the provisions of Article 3 of the General Conditions.

A schedule of the general prevailing per diem wage rates is available on the web at:

<https://www.dir.ca.gov/oprl/DPreWageDetermination.htm>

The University of California has contracts for materials, equipment and/or services with the suppliers listed on the Office of the President Procurement Services website at <https://www.ucop.edu/procurement-services/for-suppliers/construction-supplier-resources.html>

General Contractors or others submitting bids for University construction projects may enter into agreements with these suppliers that utilize the pricing and terms contained in the University-supplier agreements. The university does not represent or warrant that materials/equipment/services of these suppliers meet the requirements of the University's construction contracts.

Use of such suppliers shall not relieve Contractor from its obligation to meet all contractual requirements in any contracts with the University. The university will not be a party to any agreements with such suppliers and accepts no performance obligations or liability with respect to such agreements.

Preliminary Schedule

Hazmat Survey Final Report

[End]



ENTEK CONSULTING GROUP, INC.

4200 Rocklin Road, Suite 7, Rocklin, CA 95677 Phone (916) 632-6800 Fax (916) 632-6812 www.entekgroup.com

January 17, 2023

Mr. Jamey Byrnes
Project Manager
UCDMC
Facilities, Planning & Development
4800 Second Avenue, Suite 3010
Sacramento, CA 95817

Re: Addendum to Hazardous Materials Report Dated May 4, 2022 - MAIN HOSP #1514 PFT Relocation

Dear Mr. Byrnes,

Entek Consulting Group, Inc. (Entek) is pleased to provide this Addendum to the previously submitted Hazardous Materials Report dated May 4, 2022, for the Main Hospital #1514 PFT project. This addendum includes the following:

- 1) Results of additional bulk samples collected for asbestos in areas that were not previously accessible during the original survey.
- 2) Results of additional bulk samples for lead in areas that were not previously accessible.
- 3) Results from the X-Ray Fluorescence (XRF) Analyzer that was used to identify potential lead shielding within doors/wall cavities and to test for the lead content of the orange primer/paint coating on the structural steel I-beams.
- 4) Results from the baseline lead wipe samples of exposed concrete flooring and other flooring materials adjacent to walls with suspect lead shielding present.

The survey was conducted by Mr. Jonathan Gonzalez and Mr. Karl Suarez on December 1, 2022. Mr. Gonzalez is a Cal/OSHA Certified Asbestos Consultant (CAC) and Mr. Suarez is a Cal/OSHA Certified Site Surveillance Technician. Mr. Gonzalez and Mr. Suarez are both CDPH Certified Lead Sampling Technicians.

Building Description

The Old Robotics Laboratory (Room 1514) is currently within a construction area. This area was originally in the scope of work for a different project and has now been transferred to the 1514 PFT project. Room 1514 is a suite which consists of several x-ray exam rooms, radiology rooms and corridors. See schematic under attached sample maps for your reference. Several finishes were impacted within this area and included abatement of asbestos and lead containing materials. Existing interior finishes include concrete flooring, 12" x 12" vinyl floor tiles, vinyl base cove, drywall and joint compound wall/ceiling systems, plaster walls, orange peel wall texture, skim coat wall/ceiling texture. Currently, the ceiling systems have been removed from majority of the space and the once above ceiling space consists of metal fluted decks, structural steel components (I-beams and columns) and remaining uninsulated HVAC ducts and plumbing pipes. Abatement of asbestos containing fireproofing and TSI pipe insulation occurred previously in areas where the ceiling system was exposed.

The plaster and drywall/joint compound wall cavities are assumed to be contaminated with asbestos fireproofing (and may potentially contain asbestos containing pipe insulation) as a result from the previous construction project. In addition, it is assumed that any fireproofing above the ceiling in Room 1523C is assumed to contain asbestos because the ceiling system and the above ceiling components were intact and not within the scope of work for the previous construction project. Entek was not able to access the above ceiling space in Room 1523C, but historical data indicates that the East Wing contains asbestos containing fireproofing and TSI pipe insulation.

Asbestos Bulk Sampling and Results

Entek collected 47 bulk samples within the Room 1514 construction area. The samples were submitted to Asbestech Laboratory located in Rancho Cordova, California, and analyzed by Polarized Light Microscopy (PLM) with dispersion staining. Asbestech is accredited by the National Voluntary Accreditation Program (NVLAP) for this analysis.

Suspect Materials Found to Contain Asbestos Old Robotics Lab – Room 1514 Construction Area					
Sample ID#’s	Suspect Material	Asbestos Content/Type (%) by PLM	Location	NESHAP - Cal/OSHA Classification	Total Estimated Quantity
21A-B	Beige 12” x 12” vinyl floor tile, and Black Mastic	Beige 12” x 12: vinyl floor tile (NONE DETECT) Black mastic 1 (1-5% CHRYSOTILE)	Throughout 1514 Corridor	Category 1	Approximately 800 sq ft
N/A	Spray Applied Fireproofing	Assumed >1% Asbestos	Above Ceiling in 1523C (underside of metal deck and metal structural components)	RACM	1000 SF
N/A	Fireproofing Debris Contamination	Assumed >1% Asbestos	All Wall Cavities	RACM	Undetermined
N/A	Remnant Pipe Insulation	Assumed >1% Asbestos	Potentially Hidden within Wall Cavities	RACM	Unknown
*N/A	Black Coating on Copper Pipes	>1% Asbestos	Various Locations in attic spaces and wall cavities	Category I	Undetermined
*N/A	Black Penetration Caulking/Mastic	>1% Asbestos	Potentially at Ceiling and Floor Penetrations with Pipes	Category I	Undetermined

*All sample numbers noted in the table above start with ECG-21-5772-

*The black coating on the copper pipes and penetration caulking/mastic have been sampled previously within the East Wing and North/South Wings. They are known to contain asbestos but are not applied in every copper pipe system or at every penetration. It should be assumed that all copper pipes that may need

to be disturbed as part of this project contains the asbestos coating. In addition, any pipes (copper, cast iron, etc. and HVAC components that need to be removed need to have each penetration evaluated for this black penetration mastic. It has mostly been observed at concrete penetrations.

All other asbestos bulk samples were determined by the laboratory to not contain asbestos. Specifics pertaining to the materials sampled and sample locations can be found in Appendix A of this report.

NOTE: Any CAT-I or CAT-II materials identified in the previous table which will be subjected to mechanical removal, must be considered RACM for the purposes of notification to the Sacramento Metropolitan Air Quality Management District (SMAQMD) and classification of waste. Removal of any CAT-I or CAT-II materials prior to demolition of a building is dependent upon how the materials will be impacted and if the impact will cause the materials to become friable. If any remaining CAT-I or CAT-II materials will become friable they must be removed prior to the initiation of demolition.

NOTE: Cal/OSHA regulates all materials containing greater than 0.1% asbestos. As a result, impact to materials identified as ACCM and ACM must be performed by properly asbestos trained personnel utilizing appropriate personal protection, work practices, as well as, properly constructed and demarcated work areas or containments, in accordance with Cal/OSHA asbestos regulations.

The table above provides an estimate of the amount of materials in square feet or linear feet. Contractors are responsible for quantifying the exact quantity of materials impacted by the renovation or demolition and shall not rely on the quantities in the above table.

US EPA AHERA uses three terms when determining the classification of a material for the purpose of sampling. These terms include miscellaneous, surfacing, and thermal system insulation (TSI).

Miscellaneous materials are building materials on structural components, structural members or fixtures, such as floor and ceiling tiles, and do not include surfacing material or TSI.

Surfacing materials are materials that are sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceiling and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

TSI is material applied to pipes, fittings, boilers, breeching, tanks, ducts, or other structural components to prevent heat loss or gain, water condensation, or for other purposes.

The information provided in the tables of this report are for use by the Owner in determining where asbestos containing materials are located, and whether any future work may impact those materials. The information is also provided for use by any contractor who may perform work in areas impacting the materials listed in this report, and for use as appropriate by asbestos abatement contractors to provide costs related to work impacting ACM.

Any building materials which are considered “suspect” for containing asbestos which have not been identified in this report must be assumed to contain asbestos in amounts >1% until properly investigated and/or tested.

Materials commonly excluded from being suspected of containing asbestos include but are not limited to: unwrapped pink and yellow fiberglass insulating materials or products, foam insulation, wood, metal, plastic, or glass. All other types of building materials or coatings on the materials listed above are commonly listed as “suspect” and must be tested prior to impact by a Contractor. Work impacting these untested or newly discovered materials must cease until an investigation can be completed.

US EPA

The property included in this survey report is located in Sacramento County. The Sacramento Metropolitan Air Quality Management District (SMAQMD) has been given authority for enforcement of the NESHAP regulations by means of their own rules (Rule 902).

A demolition is the wrecking, taking out, or burning of any load supporting structural member. A renovation is everything else. 10 day written notification to the US EPA Region IX and the SMAQMD is required prior to the performance of any demolition project regardless of asbestos being present or not. This notification would also apply to any renovation project which involves the wrecking, taking out, or burning of any load bearing structural member during a renovation as well.

There is a sufficient amount of ACM present to require a 10-day notification to be submitted to the SMAQMD prior to starting work which will impact materials identified as RACM or CAT-I and CAT-II materials. 10-day advance written notification to SMAQMD is required when >160 square feet, 260 linear feet or 35 cubic feet of RACM will be disturbed or if this amount of CAT-I or CAT-II ACM will be rendered friable during removal.

In addition, prior notice to SMAQMD will be required if more than 160 square feet, 260 linear feet or 35 cubic feet of RACM is removed for this renovation or if the total amount of RACM removed from all buildings located at the same address will cause the total sum of removed RACM to exceed 160 square feet, 260 linear feet or 35 cubic feet within the same calendar year.

Cal/OSHA

Disturbance of any ACM or ACCM could generate airborne asbestos fibers and would be regulated by Cal/OSHA. Cal/OSHA worker health and safety regulations apply during any disturbance of ACM or ACCM by a person while in the employ of another. This is true regardless of friability or quantity disturbed. Since it has been estimated more than 100 square feet of ACCM does exist and will be impacted during the upcoming project, a licensed asbestos contractor, registered with Cal/OSHA is required to perform the asbestos related removal work.

For compliance with Title 8, Section 341.9, the asbestos contractor must send written notice at least one day (24 hours) prior to start of any work which will impact any amount of asbestos to the local office for the State of California, Department of Occupational Safety and Health, and perform all work in accordance with Cal/OSHA requirements.

XRF Measurements: Lead Shielding Investigation

Entek utilized a XRF lead analyzer to detect the presence of lead shielding that could be present behind walls and within doors encompassing Room 1514 construction area. Typically, the XRF unit is used to analyze concentrations of lead in paint, but the XRF unit can detect lead shielding behind drywall or plaster wall systems due to the lead shielding having high lead concentrations. There is a map that is attached to this report that reports the concentrations at the various locations tested throughout the project area. The lead concentrations on the attached map above 1.0 milligram per square centimeters (mg/cm²) indicates lead shielding is very likely present behind the walls/within door systems. The lead concentrations reported below 1.0 mg/cm² are considered inconclusive per the XRF's capability but indicates a lower chance of lead shielding being present. In addition, all doors or glass window systems associated with the wall systems that were reported to having a high change of lead shielding present should be assumed to contain lead.

XRF Measurements: Lead Inspection of Paint/Primer

The XRF analyzer was also used during the lead inspection portion of this survey as a screening tool in determining if lead is present in the orange paint/primer on the structural steel I-beams and structural steel columns.

The XRF Analyzer testing indicated lead was present in concentrations greater than 1.0 mg/cm² on the orange paint/primer on the steel I-beams found throughout the above ceiling space. Therefore, the orange paint/primer coating is classified as lead-based paint (LBP). All XRF sampling data are presented on the attached "Lead Testing Data Sheets (OSHA)" in the Appendix at the back of the report. However, it is important to note that the following are assumed to contain lead in various concentrations (due to historical reports) include:

- 1) All paints (beige, white, etc.) on all plaster and drywall walls/ceilings – Observed throughout project area.
- 2) All ceramic wall tiles of all colors – Observed in restrooms for this project.

XRF direct reading technology is not capable of determining lead concentrations below 1.0 mg/cm². The limit of detection for this device with a 95% confidence level is 1.0 mg/cm². As a result, any reading provided by the XRF technology does not provide adequate information to determine the actual content of lead in the paint/coating being tested. Any XRF reading less than 1.0 mg/cm² (including readings of 0.00) only indicate lead is not present at levels high enough to classify the paint/coating as LBP. Therefore, any building component, paint, or coating not specifically analyzed by atomic absorption spectrometry (AAS) for lead content must be considered to contain some amount of lead and lead related work practices will apply if they are to be impacted.

Lead Bulk Sampling Results

Entek collected four bulk samples of the floor tiles throughout Room 1514 construction area adjacent to walls/doors that were detected to contain possible lead shielding. These bulk samples were submitted to MicroTest Laboratories, Inc in Rancho Cordova, California. These samples were subsequently analyzed by atomic absorption spectrometry (AAS). Results of the analysis are listed in the following table:

Bulk Samples Determined NOT TO Contain Lead (<100 ppm)	
Material	Location
12" x 12" Beige Vinyl Floor Tile and Mastic	Throughout 1514 Hallway
9" x 9" Greyish Green Vinyl Floor Tile and Mastic	Throughout Room 1514C
12" x 12" Beige Vinyl Floor Tile Mastic	Throughout Room 1514H
12" x 12" Grey Floor Tile	Throughout Room 1523C

Material determined "NOT TO" contain lead for the purposes of this report are those samples which when analyzed did not indicate lead to be present at or above the reportable limit for the analysis method used. As a result, these samples shown "NOT TO" contain lead will not require any special training or work practices related to lead when impacted.

Lead Wipe Sampling Results

On December 1, 2022, Entek collected lead dust wipe samples from the concrete and terrazzo flooring adjacent to walls/doors that were detected to contain possible lead shielding for baseline analysis. Entek suspects that the concrete flooring (underneath previous flooring) or the terrazzo flooring in Room 1510 may have been contaminated with lead containing dust during the first installation of wall/door lead shielding in this suite. The result of this sampling determines if lead related training and engineering controls are required to complete this project.

Samples were collected using Ghost Wipes to collect the surface dust from each location. New nitrile gloves were worn for each sample and discarded after collection of each sample to minimize contamination of the samples. A pre-measured surface area of each flooring surface using one square foot templates were secured to the floor to be tested and the interior of the template opening surface area was wiped with the Ghost Wipe horizontally, vertically and around the perimeter in the "s" and "w" pattern with the wipe folded inward after each pass. The wipe samples were placed into a plastic centrifuge container, sealed and

labeled with a unique sample identification number. All sample locations, size of the sample, and surface components sampled are included in the chain of custody forms, which are attached to this report.

All wipe samples were analyzed for lead by the NIOSH 9100/7082 method with results reported in micrograms per square foot ($\mu\text{g}/\text{ft}^2$). List of sample results for lead by surface wipe sampling are in the following table. Results expressed in micrograms per square foot ($\mu\text{g}/\text{ft}^2$).

Lead Wipe Samples		
Sample ID	Material	Results ($\mu\text{g}/\text{ft}^2$)
01W	Room 1514F, Concrete Flooring, South Within Room	305.0
02W	Room 1512, Concrete Flooring, South Within Room	2,360.0
03W	Room 1514J, Concrete Flooring, North Within Room	694.5
04W	Room 1514K, Concrete Flooring, North Within Room	373.0
05W	Room 1510, Terrazzo Flooring, Center Within Room	640.5
06W	Room 1514F, Concrete Flooring, North Within Room	627.5
07W	Room 1514J, Concrete Flooring, South Within Room	431.5

*All sample numbers noted in the table above start with EGG-21-5772-. Sample 08W was used as a blank.

Lead Regulatory Compliance

Any upcoming project which may result in the disturbance of lead containing products or surfaces but is not intended to remediate a lead hazard or specifically designed to remove LBP to reduce or eliminate a known hazard, would be considered "lead related construction work".

Lead related construction work does not fit the classification of a "lead abatement project" under CDPH Title 17 regulations. "Abatement" is defined in Title 17, Division 1, Chapter 8, Article 1 as "any set of measures designed to reduce or eliminate lead hazards or LBP for public and residential buildings but does not include containment or cleaning." A *lead hazard* is defined in Title 17, Division 1, Chapter 8, Article 1 as "deteriorated LBP, lead contaminated dust, lead contaminated soil, disturbing LBP or presumed LBP without containment, or any other nuisance which may result in persistent and quantifiable lead exposure."

Lead related construction work means any "construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead". (Title 17, California Code of Regulations, Division 1, Chapter 8, Article 1).

Currently, Cal/OSHA has not established a definition for LBP, nor have they established minimum concentrations where their regulations do not apply. Cal/OSHA regulates all construction activities involving materials containing lead, including LBP. These regulations are found in CCR, Title 8 Section 1532.1 (§1532.1) Lead in Construction.

Cal/OSHA has not established a concentration of lead in a product where their regulations do not apply, therefore, any disturbance to products containing lead come under the jurisdiction of Cal/OSHA and their regulations. Disturbance of paints/coatings or materials determined to be LBP may trigger a pre-work notification to Cal/OSHA if "trigger tasks" disturb 100 square feet or more of those paints/coatings or materials. Trigger tasks are described in Title 8 CCR 1532.1.

Cal/OSHA has not established a re-occupiable level for lead dust concentrations on surfaces. However, a federal OSHA interpretation letter dated January 13, 2002, addressed this concern and states "All surfaces shall be maintained as free as practicable of accumulations of lead". It is OSHA's view that this is necessary to keep airborne levels of lead below the permissible exposure limits. The interpretation letter states verbatim, "In situations where employees are in direct contact with lead contaminated surfaces, such as working surfacing or floors in change rooms, storage facilities, and, of course, lunchroom and eating

facilities, OSHA has stated the Agency would not expect surfaces to be any cleaner than 200 µg/ft² HUD level."

Therefore, Entek recommends that the concrete and terrazzo floors be either pre-cleaned or covered during the demolition process and cleaned to a level of 200 µg/ft² or less (confirmed with wipe samples) prior to completing the installation and build back of other items within the space. After all work has been completed, Entek recommends that additional wipe samples should be collected on the finished flooring surfaces to indicate less than the CDPH levels of 10 µg/ft².

Lead Waste Characterization

The samples collected for the metals also provide an initial waste characterization which suggests that metals present in the applied coatings detected may exceed the regulatory criteria for hazardous waste. If any of the painted components will be disposed of at a landfill, then further waste characterization testing should be completed by the contractor to remain in compliance with California Title 22 and Federal RCRA regulations. The samples collected as part of this assessment may not represent the waste stream that the contractor will likely be creating.

Each landfill has specific requirements for waste profiling and the contractor should contact the landfill of choice prior to performing the waste characterization testing. Depending on the landfill, it is possible the contractor may be able to combine or composite whole buildings or a group of buildings/materials into a single waste stream. This may reduce costs associated with handling and disposal if the waste stream is considered non-hazardous. However, if the whole waste stream is considered hazardous, this may increase costs if the materials are intermingled and cannot be separated.

Some building components may be recycled such as concrete, wood, steel, lead lining, or others. These materials may not require waste profiling. However, all Cal/OSHA regulations, as previously stated, still apply towards the handling of the metals by trained personnel with the proper controls.

Entek recommends that the contractor contact each individual recycling facility or waste disposal facility prior to doing any additional waste profiling as each facility may have specific requirements depending on end use.

Limitations

This addendum survey is limited to the Old Robotics Laboratory (Room 1514) containment located on the first floor of the East Wing at the UCDMC. This addendum supplements the previously submitted Hazardous Materials Report dated May 4, 2021 for the Main Hospital #1515 PFT project (see attachments).

If any other suspect materials not listed as having been sampled in this or previous reports are discovered, which will be impacted during the project, those materials must be assumed to contain asbestos until properly inspected and tested for asbestos content.

Entek's policy is to retain a full copy of these written documents for three (3) years once the file is closed. At the end of the three (3) year period the written files will be destroyed without further notice. It is suggested copies of the file(s) are maintained as per your policy. Entek will be providing only this electronic copy of the report and its attachments for your use. However, if you would like a hard copy of this report a copy will be mailed upon request. Thank you for choosing Entek for your hazardous materials needs.

Sincerely,

A handwritten signature in black ink, appearing to read "Jonathan Gonzalez", written over a light gray grid background.

Jonathan Gonzalez, CAC
Assistant Project Manager

Reviewed By:

A handwritten signature in black ink, appearing to read "Ryan Metzen", written over a light gray grid background.

Ryan Metzen, CAC, I/A
President

Attachments

APPENDIX A

ASBESTOS RELATED DOCUMENTS

- Bulk Asbestos Analysis Report From Asbestech
- Bulk Asbestos Material Analysis Request Form for Entek
- Asbestos Bulk Sample Location Drawing
- SMAQMD Asbestos Survey Form
- SMAQMD Demolition/Renovation Form
(To be completed by Owner)

ASBESTECH
11151 Sun Center Drive, Suite B
Rancho Cordova, California 95670
Tel.(916) 481-8902 asbestech@sbcglobal.net

Client:

Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

Job:

21-5772 UCDCMC
UCDCMC, 2315 Stockton Blvd.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-1

Date/Time Collected: 12/1/22

Date Received: 12/2/22

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 12/5/22

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772-15A	White drywall , room 1523A NW corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
15B	White drywall , room 1514H south wall by outlet	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
16A	Gray 4" vinyl base cove , room 1523A NW corner	NONE DETECTED	Calcite
	White mastic	NONE DETECTED	Calcite
17A	White orange peel wall texture , room 1523A NW corner	NONE DETECTED	Calcite
17B	White orange peel wall texture , room 1514H north wall	NONE DETECTED	Calcite
17C	White orange peel wall texture , room 1514H north wall	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISION THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ASBESTECH
11151 Sun Center Drive, Suite B
Rancho Cordova, California 95670
Tel.(916) 481-8902 asbestech@sbcglobal.net

Client:

Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

Job:

21-5772 UCDCMC
UCDCMC, 2315 Stockton Blvd.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-2

Date/Time Collected: 12/1/22

Date Received: 12/2/22

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 12/5/22

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772-17D	White orange peel wall texture , room 1514H north wall	NONE DETECTED	Calcite
17E	White orange peel wall texture , room 1514H north wall	NONE DETECTED	Opagues
18A	White skim coat wall texture , room 1523 SE corner	NONE DETECTED	Calcite
18B	White skim coat wall texture , room 1523 east wall	NONE DETECTED	Calcite
18C	White skim coat wall texture , room 1523C east wall	NONE DETECTED	Calcite
18D	White skim coat wall texture , men's restroom 1512 west wall	NONE DETECTED	Gypsum Cellulose
18E	White skim coat wall texture , 1514 hallway north wall by entrance door to 1514F	NONE DETECTED	Calcite
18F	White skim coat wall texture , room 1514C west wall	NONE DETECTED	Calcite
18G	White skim coat wall texture , room 1510 west wall	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

ASBESTECH
11151 Sun Center Drive, Suite B
Rancho Cordova, California 95670
Tel.(916) 481-8902 asbestech@sbcglobal.net

Client:

Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

Job:

21-5772 UCDCMC
UCDCMC, 2315 Stockton Blvd.
Sacramento, Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-3

Date/Time Collected: 12/1/22

Date Received: 12/2/22

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 12/5/22

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772-18H	White skim coat wall texture , room 1512 north wall by exit door to 1514H	NONE DETECTED	Calcite
18I	White skim coat wall texture , room 1514J west wall	NONE DETECTED	Calcite
18J	White skim coat wall texture , room 1504 west wall	NONE DETECTED	Calcite
18K	White skim coat wall texture , room 1514L NW corner	NONE DETECTED	Opagues
18L	White skim coat wall texture , room 1514K west wall	NONE DETECTED	Calcite
19A	Gray plaster wall, room 1523 east wall	NONE DETECTED	Granular Mins.
	White joint compound	NONE DETECTED	Calcite
19B	White plaster wall, 1514 hallway north wall by entrance to room 1523C	NONE DETECTED	Granular Mins.
	White drywall	NONE DETECTED	Gypsum Fibrous Glass
19C	White plaster wall, 1514 C south wall	NONE DETECTED	Granular Mins.

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-4

Date/Time Collected: 12/1/22

Date Received: 12/2/22

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 12/5/22

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772-19D	White plaster wall, 1504 NE corner	NONE DETECTED	Granular Mins.
19E	White plaster wall, 1514 K east wall	NONE DETECTED	Granular Mins.
19F	White plaster wall, 1523 east wall	NONE DETECTED	Granular Mins.
	White joint compound	NONE DETECTED	Calcite
19G	White plaster wall, 1514K east wall	NONE DETECTED	Granular Mins.
20A	Gray 12"x12" floor tile, room 1523C north within room	NONE DETECTED	Calcite
21A	Beige 12"x12" vinyl floor tile, 1514 hallway by entrance door to 1514F	NONE DETECTED	Calcite
	Black mastic 1	NONE DETECTED	Tar Binder
	Black mastic 2	1-5 CHRYSOTILE	Tar Binder
21B	Beige 12"x12" vinyl floor tile, 1514H SE corner	NONE DETECTED	Calcite
	Black mastic 1	1-2 CHRYSOTILE	Tar Binder
	Black mastic 2	1-5 CHRYSOTILE	Tar Binder

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-5
Date/Time Collected: 12/1/22
Date Received: 12/2/22

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 12/5/22

<u>Sample No.</u>	<u>Color/Description</u>	<u>% Type Asbestos</u>	<u>Other Materials</u>
ECG-21-5772-22A	Beige 4" vinyl base cove, 1514 hallway north wall by entrance door to 1514F	NONE DETECTED	Calcite Opauques
	White mastic	NONE DETECTED	Calcite
	White joint compound	NONE DETECTED	Calcite
	Brown mastic	NONE DETECTED	Synthetics
23A	White drywall , room 1523 SE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
23B	SAMPLE NUMBER NOT USED		
23C	White drywall , 1514 hallway NE corner by entrance door to 1514F	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Granular Mins.
	White joint compound 2	NONE DETECTED	Calcite
23D	White drywall , 1514C NE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Granular Mins.
	White joint compound 2	NONE DETECTED	Calcite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-6

Date/Time Collected: 12/1/22

Date Received: 12/2/22

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 12/5/22

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772-23E	White drywall , room 1514F SE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Granular Mins.
	White joint compound 2	NONE DETECTED	Calcite
23F	White drywall , room 1510 SW corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
23G	White drywall , room 1514J NW wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
23H	White drywall , room 1506 NE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite

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21-5772 UCDCMC
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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-7

Date/Time Collected: 12/1/22

Date Received: 12/2/22

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 12/5/22

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772-23I	White drywall , room 1504 west wall	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
23J	White drywall , NW corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
24A	Gray 4" vinyl base cove , room 1510 east wall	NONE DETECTED	Calcite Opagues
	White mastic	NONE DETECTED	Calcite
	White joint compound	NONE DETECTED	Calcite
25A	Tan terrazzo flooring, room 1506 center within room	NONE DETECTED	Calcite
26A	Beige 4" vinyl base cove , 1514H by entrance door to 1514J	NONE DETECTED	Calcite Opagues
	Yellow mastic	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

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Rocklin, CA 95677

Job:

21-5772 UCDCMC
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Sacramento , Ca

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 70025-8

Date/Time Collected: 12/1/22

Date Received: 12/2/22

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 12/5/22

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772-27A	Yellow FRP mastic , room 1514L east wall	NONE DETECTED	Synthetics
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
	Tan mastic	NONE DETECTED	Calcite
28A	Red fire caulking , room 1514K east wall above ceiling space	NONE DETECTED	Synthetics Fibrous Glass
29A	White HVAC seam tape, 1514 hallway above ceiling on mechanical duct seam	NONE DETECTED	Cellulose Calcite

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BULK ASBESTOS MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 12-1-22

Job Number: 21-5772

Client Name: UCDMC

Site Address: UC Davis Medical Center
2315 Stockton Blvd
Sacramento, CA

Lab: Asbestech

Collected by: Karl Suarez and Jonathan Gonzalez

Turnaround Time: 12-6-2022, By Noon

ANALYSIS REQUESTED: Asbestos by PLM with Dispersion Staining

Special Instructions: Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results at mainoffice@entekgroup.com and jgonzalez@entekgroup.com as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-6772-15A	Drywall and Joint Compound - Room 1523A, Northwest Corner
ECG-21-6772-15B	Drywall and Joint Compound - 1514H, South Wall by Outlet
ECG-21-6772-16A	4" Grey Vinyl Base Cove - Room 1523A, Northwest Corner
ECG-21-6772-17A	Orange Peel Wall Texture - Room 1523A, Northwest Corner
ECG-21-6772-17B	Orange Peel Wall Texture - 1514H, North Wall
ECG-21-6772-17C	Orange Peel Wall Texture - 1514H, North Wall
ECG-21-6772-17D	Orange Peel Wall Texture - 1514H, North Wall
ECG-21-6772-17E	Orange Peel Wall Texture - 1514H, North Wall
ECG-21-6772-18A	Skim Coat Wall Texture - Room 1523, Southeast Corner
ECG-21-6772-18B	Skim Coat Wall Texture - Room 1523, East Wall
ECG-21-6772-18C	Skim Coat Wall Texture - Room 1523C, East Wall
ECG-21-6772-18D	Skim Coat Wall Texture - Men's Restroom 1512, West Wall
ECG-21-6772-18E	Skim Coat Wall Texture - 1514 Hallway, North Wall, By Entrance Door to 1514F
ECG-21-6772-18F	Skim Coat Wall Texture - Room 1514C, West Wall
ECG-21-6772-18G	Skim Coat Wall Texture - Room 1510, West Wall

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BULK ASBESTOS MATERIAL Analysis Request

ENTEK CONSULTING GROUP, INC.

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Job Number: 21-5772

Client Name: UCDMC

Site Address: UC Davis Medical Center
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Sacramento, CA

Lab: Asbestech

Collected by: Karl Suarez and Jonathan Gonzalez

Turnaround Time: 12-6-2022, By Noon

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instructions: Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results at mainoffice@entekgroup.com and jgonzalez@entekgroup.com as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-6772-18H	Skim Coat Wall Texture – Room 1512, North Wall By Exit Door to 1514H
ECG-21-6772-18I	Skim Coat Wall Texture – Room 1514J, West Wall
ECG-21-6772-18J	Skim Coat Wall Texture – Room 1504, West Wall
ECG-21-6772-18K	Skim Coat Wall Texture - Room 1514L, Northwest Corner
ECG-21-6772-18L	Skim Coat Wall Texture – Room 1514K, West Wall
ECG-21-6772-19A	Plaster Wall – Room 1523, East Wall
ECG-21-6772-19B	Plaster Wall - 1514 Hallway, North Wall, By Entrance to Room 1523C
ECG-21-6772-19C	Plaster Wall – Room 1514C, South Wall
ECG-21-6772-19D	Plaster Wall - Room 1504, Northeast Corner
ECG-21-6772-19E	Plaster Wall – Room 1514K, East Wall
ECG-21-6772-19F	Plaster Wall – Room 1523, East Wall
ECG-21-6772-19G	Plaster Wall – Room 1514K, East Wall
ECG-21-6772-20A	12" x 12" Grey Floor Tile - Room 1523C, North within Room
ECG-21-6772-21A	12" x 12: Beige Vinyl Floor Tile – 1514 Hallway, By Entrance Door to 1514F
ECG-21-6772-21B	12" x 12: Beige Vinyl Floor Tile – 1514 H, Southeast Corner

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12/2/22

Time: 3:30 AM/PM

2



BULK ASBESTOS MATERIAL Analysis Request

70025

ENTEK CONSULTING GROUP, INC.

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mainoffice@entekgroup.com

Date of Sampling: 12-1-22

Job Number: 21-5772

Client Name: UCDMC

Site Address: UC Davis Medical Center
2315 Stockton Blvd
Sacramento, CA

Lab: Asbestech

Collected by: Karl Suarez and Jonathan Gonzalez

Turnaround Time: 12-6-2022, By Noon

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instructions: Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results at mainoffice@entekgroup.com and jgonzalez@entekgroup.com as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-6772-22A	4" Beige Vinyl Base Cove and Mastic - 1514 Hallway, North Wall, By Entrance Door to 1514F
ECG-21-6772-23A	Drywall and Joint Compound - Room 1523, Southeast Corner
ECG-21-6772-23B	Sample Number NOT USED
ECG-21-6772-23C	Drywall and Joint Compound - 1514 Hallway, Northeast Corner, By Entrance Door to 1514F.
ECG-21-6772-23D	Drywall and Joint Compound - Room 1514C, Northeast Corner
ECG-21-6772-23E	Drywall and Joint Compound - Room 1514F, Southeast Corner
ECG-21-6772-23F	Drywall and Joint Compound - Room 1510, Southwest Corner
ECG-21-6772-23G	Drywall and Joint Compound - Room 1514J, Northwest Wall
ECG-21-6772-23H	Drywall and Joint Compound - Room 1506, Northeast Corner
ECG-21-6772-23I	Drywall and Joint Compound - Room 1504, West Wall
ECG-21-6772-23J	Drywall and Joint Compound - Northwest Corner Room 1514L JG 12-12-22
ECG-21-6772-24A	4" Grey Vinyl Base Cove and Mastic - Room 1510, East Wall
ECG-21-6772-25A	Tan Terrazzo Flooring - Room 1506, Center within Room
ECG-21-6772-26A	4" Beige Vinyl Base Cove - 1514H, By Entrance Door to 1514J

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12, 2, 22 Time: 3:30 AM/PM

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Date:

12, 2, 22 Time: 3:30 AM/PM

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BULK ASBESTOS MATERIAL Analysis Request

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4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
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Date of Sampling: 12-1-22

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Site Address: UC Davis Medical Center
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Turnaround Time: 12-6-2022, By Noon

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instructions: Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results at mainoffice@entekgroup.com and jgonzalez@entekgroup.com as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-6772-27A	Yellow FRP Mastic – Room 1514L, East Wall
ECG-21-6772-28A	Fire Caulking - Room 1514K, East Wall, Above Ceiling Space
ECG-21-6772-29A	White HVAC Seam Tape, 1514 Hallway, Above Ceiling, On Mechanical Duct Seam

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Date:

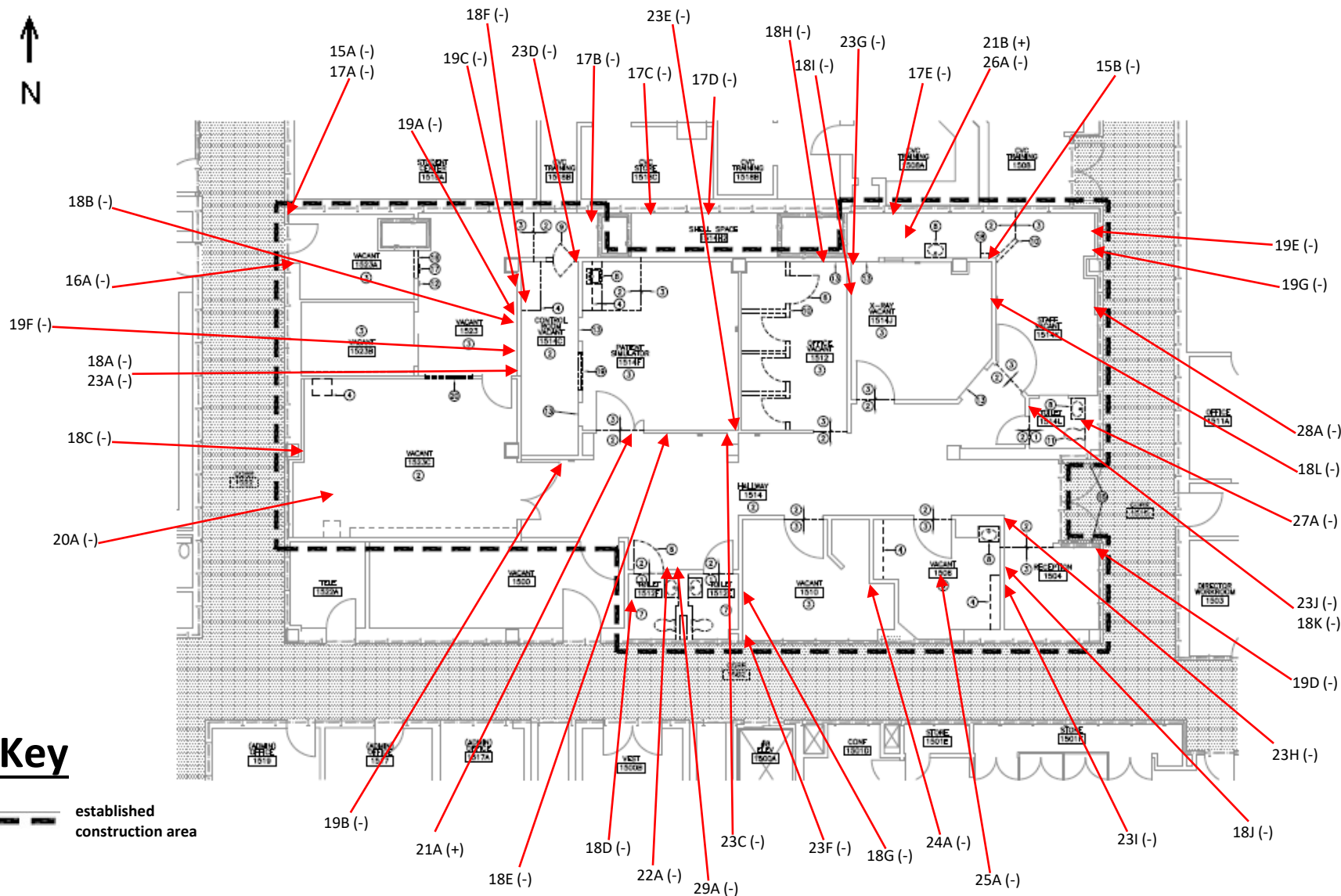
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Received by:

Date:

12/2/22 Time: 3:30 AM/PM

4



UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
2315 Stockton Boulevard
Sacramento, CA

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Bulk Sample Locations
Collected by Jonathan Gonzalez & Karl Suarez
On December 1, 2022
Project Number 21-5772



Asbestos Survey Form

(See Instructions)

777 12th Street, 3rd Floor
 Sacramento, CA 95814
 Office (916) 874-4800
 Fax (916) 874-4899
 Email:
asbestos@airquality.org

1. Purpose of Survey			<input type="checkbox"/> Renovation		<input type="checkbox"/> Demolition	
2. Facility Information						
Project Area(s) Description						
Address			City		# of Structures	
3. Owner Information						
Name						
Address			City/State		Zip	
Contact	Phone		Fax	Email		
4. Consultant Information			Survey Date(s):			
Company Name Entek Consulting Group, Inc.						
Name					DOSH #	
Address 4200 Rocklin Road, Suite 7			City/State Rocklin, California		Zip 95677	
Phone (916) 632-6800	Fax (916) 632-6812	Email		Signature 		
5. Client Information (If different than owner)			<input type="checkbox"/> General Contractor <input type="checkbox"/> Insurance Company <input type="checkbox"/> Architect <input type="checkbox"/> Property Manager <input type="checkbox"/> Other _____			
Name						
Address			City/State		Zip 95678	
Contact	Phone		Fax	Email		
6. Have all of the suspect materials that will be disturbed been sampled?						<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If no, explain why:						
7. Summary of Total Asbestos Containing Material (ACM) Findings						
Regulated Asbestos Containing Material (RACM) (Includes materials subject to known mechanical removal and fire damaged materials)			Category II		Category I	
Square Ft.	Linear Ft.	Cubic Ft.	Square Ft.	Linear Ft.	Square Ft.	Linear Ft.
To receive future SMAQMD Rule updates and changes affecting your industry (check one box):						
<input type="checkbox"/> Please send e-mail notices to			<input type="checkbox"/> I will sign up myself at www.airquality.org/listserve/ to receive emailed notices.			
<input checked="" type="checkbox"/> I am already subscribed.		<input type="checkbox"/> I want the District to mail notices to the address on this application:			<input type="checkbox"/> Owner <input type="checkbox"/> Consultant	

Asbestos Renovation/Demolition Notification Form

1	Building Department Permit Application # (if known) : _____		<input type="checkbox"/> Renovation (Do not complete Section 5) <input type="checkbox"/> Demolition (Complete all sections) <input type="checkbox"/> Ordered Demo - Attach ordered demo letter <input type="checkbox"/> Emergency Demo - SMAQMD Emergency #: _____		
2	Contractor		Owner		
	Address		Address		
	City, State / Zip		City, State / Zip		
	Email		Email		
	Telephone		Telephone		
3	Structure Name		Renovation Area		# of Floors
	Project Address		City / Zip		Year Built
4	Preference for return of form	<input type="checkbox"/> E-mail :		<input type="checkbox"/> Other :	
DEMOLITION ONLY – Start date must be at least <u>10 working days</u> from the day of your postmark or hand delivery of this form.					
5	Start Date ____/____/____		Revision # 1 2 3 4 5 6 7 8 9 (circle)		
	Completion Date ____/____/____		New Start Date ____/____/____		
			New Completion Date ____/____/____		
	Method of Demo (Check Applicable): <input type="checkbox"/> Manual/Hand Tools <input type="checkbox"/> Mechanical/Heavy Equipment <input type="checkbox"/> Other Procedure to be followed if RACM is found or Category II material becomes friable:				
I have read and understand the directions. The information on this form is true and accurate. I certify that the asbestos survey conducted represents the facility as built.					
6	Applicant Name (Print)		<input type="checkbox"/> Owner		Permit may be issued on:
	Phone Number		<input type="checkbox"/> Rep / Agent		
	Applicant's Signature		<input type="checkbox"/> Contractor		
		Date			

Have DOSH Consultant complete and sign below OR attach completed Asbestos Survey Form and Consultant's report.

CONSULTANT USE ONLY	Company Name		Telephone	
	Surveyor Name		DOSH #	Survey Date
	Analytical Method		Pt Count Materials <10%? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Declined by Client	
	Amount of RACM	Square Feet	Linear Feet	Cubic Feet
	Amount of Category I		Amount of Category II	
	Project Address		City	Zip
	Suspect Materials Present? <input type="checkbox"/> Yes <input type="checkbox"/> No		Consultant's Signature	

SMAQMD USE ONLY

Date Received / Date Postmarked _____ Date Approved & Returned _____
 Project # _____ Check # _____ Receipt # _____ Amount Paid _____ Staff _____

APPENDIX B

LEAD RELATED DOCUMENTS

- Bulk Lead Material Analysis Report From Microtest
- Bulk Lead Material Analysis Request Form for Entek
- Lead Bulk Sample Location Drawing
- Lead Hazard Evaluation Report (CDPH 8552)

**MicroTest Laboratories, Inc. | AIHA ELPAT #160934**

3110 Gold Canal Dr, Ste. A, Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

for office use only

Project ID**L31003-06****CLIENT INFORMATION**

Company Entek Consulting Group, Inc
Name Ryan Metzen
Address 4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Phone 916.632.6800
Email mainoffice@entekgroup.com
rmetzen@entekgroup.com

SAMPLE

Date Thursday, December 1, 2022
Time

MicroTest Laboratories**Analytical Data****JOB SITE INFORMATION**

Sampler Karl Suarez and Jonathan Gonzalez
Project UCDCMC
Site UC Davis Medical Center
Address 2315 Stockton Blvd
Sacramento, CA
Job # 21-5772


EPA METHOD 7420/7000B

Client	Laboratory	Client	Reporting	Results	Units
Sample ID	Sample ID	Sample Location / Description	Limits	Comments	
ECG-21-6772-01Pb	L31003	12" x 12" Beige Vinyl Floor Tile and Mastic - 1514 Hallway	Bulk	<0.01%	Wt % 0.01% <100 PPM
ECG-21-6772-02Pb	L31004	9" x 9" Greyish Green Vinyl Floor Tile and Mastic - Room 1514C	Bulk	<0.01%	Wt % 0.01% <100 PPM
ECG-21-6772-03Pb	L31005	12" x 12" Beige Vinyl Floor Tile and Mastic - 1514H	Bulk	<0.01%	Wt % 0.01% <100 PPM
ECG-21-6772-04Pb	L31006	12" x 12" Grey Floor Tile - 1523C	Bulk	<0.01%	Wt % 0.01% <100 PPM

Date Received: Friday, December 2, 2022**Date Analyzed:** Monday, December 5, 2022**Date Reported:** Tuesday, December 6, 2022

Samples Received: 4

Samples Analyzed: 4

Analyst: Erich BowmanAuthorized Signatory: 

Kelly Favero - Lab Manager

This report applies to the standards and procedures indicated and to the specific samples analyzed. Samples have NOT been corrected for blank values.
Hotblock Preparation Method

EPA 3050B



BULK LEAD MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7

ROCKLIN, CA 95677

(916) 632-6800 PHONE

(916) 632-6812 FAX

mainoffice@entekgroup.com**Date of Sampling:** 12-1-22**Job Number:** 21-5772**Client Name:** UCDCMC

Site Address: UC Davis Medical Center
2315 Stockton Blvd
Sacramento, CA

Lab: MicroTest**Collected by:** Karl Suarez and Jonathan Gonzalez**Turnaround Time:** 12-6-2022, By Noon

ANALYSIS REQUESTED: Lead by Flame
Atomic Absorption Spectroscopy

Special Instructions: Please report result in PPM and % by weight. Please e-mail results at mainoffice@entekgroup.com, rmetzen@entekgroup.com and jgonzalez@entekgroup.com as soon as available.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-6772-01Pb	12" x 12" Beige Vinyl Floor Tile and Mastic – 1514 Hallway
ECG-21-6772-02Pb	9" x 9" Greyish Green Vinyl Floor Tile and Mastic – Room 1514C
ECG-21-6772-03Pb	12" x 12" Beige Vinyl Floor Tile and Mastic – 1514H
ECG-21-6772-04Pb	12" x 12" Grey Floor Tile – 1523C

C:\Users\Jon\Desktop\Bulk Pb Rqst 12-1-22.docx

Delivered by:**Date:**

12/2/22 Time: 3:30 AM/PM

Received by:**Date:**

12/2/22 Time: 3:30 AM/PM

LEAD HAZARD EVALUATION REPORT**Section 1 — Date of Lead Hazard Evaluation** _____**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☐ Other (specify) _____**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
Construction date (year) of structure	Type of structure		Children living in structure?	
	<input type="checkbox"/> Multi-unit building	<input type="checkbox"/> School or daycare	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Single family dwelling	<input type="checkbox"/> Other _____	<input type="checkbox"/> Don't Know	


Section 4 — Owner of Structure (if business/agency, list contact person)

Name		Telephone number	
Address [number, street, apartment (if applicable)]	City	State	Zip Code

Section 5 — Results of Lead Hazard Evaluation (check all that apply)

☐ No lead-based paint detected ☐ Intact lead-based paint detected ☐ Deteriorated lead-based paint detected
☐ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☐ Other _____

Section 6 — Individual Conducting Lead Hazard Evaluation

Name		Telephone number	
Address [number, street, apartment (if applicable)]	City	State	Zip Code
CDPH certification number	Signature 		Date

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Section 7 — Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
B. Each testing method, device, and sampling procedure used;
C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Bay Parkway, Building P, Third Floor
Richmond, CA 94804-6403
Fax: (510) 620-5656

APPENDIX C

LEAD RELATED DOCUMENTS

- Lead Wipe Samples Analysis Report From Microtest
- Lead Wipe Material Analysis Request Form for Entek
- Lead Wipe Sample Location Drawing



MicroTest Laboratories Inc. | AIHA ELPAT #160934
3110 Gold Canal Dr. Ste. A. Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

Project ID
MT012225001

CLIENT INFORMATION

Company Entek Consulting Group, Inc.
Name Ryan Metzen
Address 4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Phone (916) 632 - 6800
Email mainoffice@entekgroup.com

SAMPLE

Date Thursday, December 01, 2022
Time

MicroTest
Laboratories

Analytical Data

JOB SITE INFORMATION

Sampler Jonathan Gonzalez and Karl Suarez
Project UCDCMC
Site UC Davis Medical Center
Address 2315 Stockton Blvd.
Sacramento, CA
Job # 21-5772

LEAD by Flame AAS - EPA 7420

Sample ID	Accession Number	Location	Area (inches)	Matrix	Results	Units	Reporting Limit	Notes/Comments
ECG-21-5772-01W	25001-1	Wipe Sample - Room 1514F, Concrete Flooring, South within Room	12x12	Wipe	305	µg/ft²	10 µg/ft²	
ECG-21-5772-02W	25001-2	Wipe Sample - Room 1512, Concrete Flooring, North within Room	12x12	Wipe	2360	µg/ft²	10 µg/ft²	
ECG-21-5772-03W	25001-3	Wipe Sample - Room 1514J, Concrete Flooring, North within Room	12x12	Wipe	694.5	µg/ft²	10 µg/ft²	
ECG-21-5772-04W	25001-4	Wipe Sample - Room 1514K, Concrete Flooring, North within Room	12x12	Wipe	373	µg/ft²	10 µg/ft²	
ECG-21-5772-05W	25001-5	Wipe Sample - Room 1510, Terrazzo Flooring, Center within Room	12x12	Wipe	640.5	µg/ft²	10 µg/ft²	
ECG-21-5772-06W	25001-6	Wipe Sample - 1514F, Concrete Flooring, North within Room	12x12	Wipe	627.5	µg/ft²	10 µg/ft²	
ECG-21-5772-07W	25001-7	Wipe Sample - Room 1514J, Concrete Flooring, South within Room	12x12	Wipe	431.5	µg/ft²	10 µg/ft²	
ECG-21-5772-08W	25001-8	Blank		Wipe	<10	µg/ft²	10 µg/ft²	

Date Received: Friday, December 02, 2022
Date Analyzed: Monday, December 05, 2022
Date Reported: Monday, December 12, 2022

Samples Received: 8
Samples Analyzed: 8

Analyst: Erich Bowman

Authorized Signatory:

Kelly Favero - Lab Manager

This report applies to the standards and procedures indicated and to the specific samples analyzed. Samples have NOT been corrected for blank values. EPA Method 7000B/3050B & EPA Method 7420.

Analytical Page 1 of 1.



25001

BULK MATERIAL Analysis Request**LEAD WIPE SAMPLING****ENTEK CONSULTING GROUP, INC.**

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 12-1-22**Job Number:** 21-5772**Client Name:** UCDMC

Site Address: UC Davis Medical Center
2315 Stockton Blvd.
Sacramento, CA

Lab: Microtest Laboratories, Inc.**Collected by:** Jonathan Gonzalez and Karl Suarez**Turnaround Time:** 12/6/22, By Noon**Analysis Conducted:** Lead by Atomic Absorption Spectrometry

Special Instructions: Email results to jgonzalez@entekgroup.com and mainoffice@entekgroup.com as soon as available.

SAMPLE #	MATERIAL DESCRIPTION and LOCATION	WIPE SAMPLE SIZE (SQUARE FEET)
ECG-21-5772-01W	Wipe Sample - Room 1514F, ^{Concrete Flooring - JG 12-12-22} South within Room	1 sq ft
ECG-21-5772-02W	Wipe Sample - Room 1512, ^{Concrete Flooring - JG 12-12-22} North within Room	1 sq ft
ECG-21-5772-03W	Wipe Sample - Room 1514J, ^{Concrete Flooring - JG 12-12-22} North Within Room	1 sq ft
ECG-21-5772-04W	Wipe Sample - Room 1514K, ^{Concrete Flooring - JG 12-12-22} North Within Room	1 sq ft
ECG-21-5772-05W	Wipe Sample - Room 1510, ^{Terrazzo Flooring - JG 12-12-22} Center within Room	1 sq ft
ECG-21-5772-06W	Wipe Sample - Room 1514F, ^{Concrete Flooring - JG 12-12-22} North within Room	1 sq ft
ECG-21-5772-07W	Wipe Sample - Room 1514J, ^{Concrete Flooring - JG 12-12-22} South within Room	1 sq ft
ECG-21-5772-08W	Blank	N/A

C:\Users\Jon\Desktop\Lead Wipe Rpt - 12-1-22.wpd

Delivered by:**Date:**

12/12/22

Time:

3:30

AM/PM

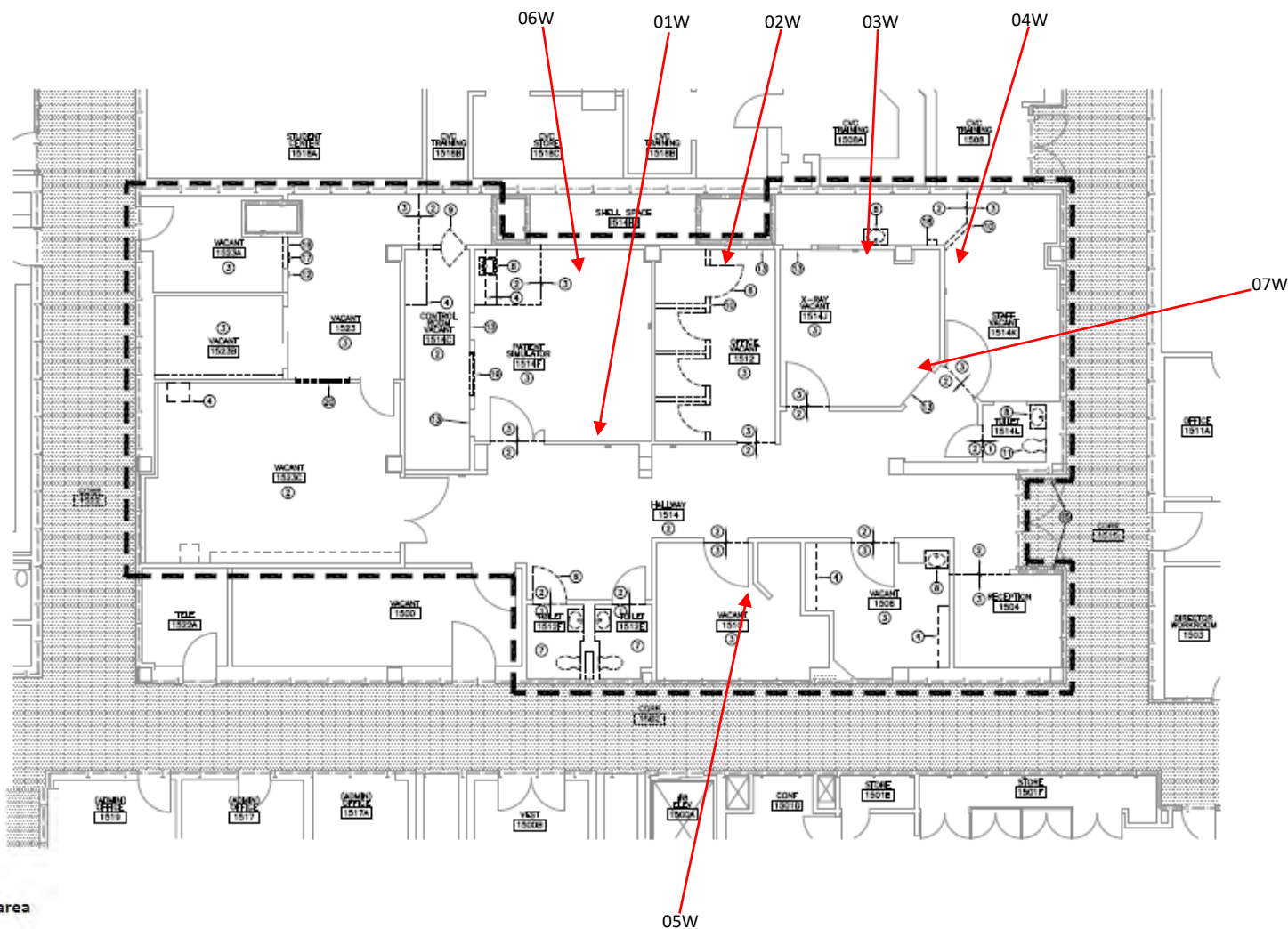
Received by:**Date:**

12/12/22

Time:

1530

AM/PM



UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
2315 Stockton Boulevard
Sacramento, CA

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Wipe Sample Locations
Collected by Jon Gonzalez & Karl Suarez
On December 1, 2022
Project Number 21-5772

APPENDIX D

LEAD RELATED DOCUMENTS

- XRF Calibration Sheet
- XRF Results Chart
- XRF Readings Location Map

Calibration Check Test Results

UCDMC - 1st Floor, East Wing, Robotics Lab

Site Name: UC Davis Medical Center Date: 12/1/22
Address: 2315 Stockton Blvd. 21-5772 #1514 PFT
City: Sacramento, CA
Device: Niton Xlp 300
XRF Serial No. 24015 Source Number: TR3580
Contractor: Entek Consulting Group, Inc.
Inspector Name: Jonathan Gonzalez & Karl Suarez
Inspector Signature: _____

Calibration Check Tolerance Used <u>1.04 ±0.06</u>			
First Calibration Check <u>12/1/22 (10:19 am)</u>			
Red SRM (2573) 0.8 to 1.2 mg/cm ²			Do All Three Checks Meet the Standard?
First Reading	Second Reading	Third Reading	YES
0.90	0.80	1.00	

Second Calibration Check 12/1/22 (11:20 am)

Red SRM (2573) 0.8 to 1.2 mg/cm ²			Do All Three Checks Meet the Standard?
First Reading	Second Reading	Third Reading	YES
0.80	0.90	0.90	

Third Calibration Check N/A

Red SRM (2573) 0.8 to 1.2 mg/cm ²			Do All Three Checks Meet the Standard?
First Reading	Second Reading	Third Reading	N/A
N/A	N/A	N/A	

Fourth Calibration Check N/A

Red SRM (2573) 0.8 to 1.2 mg/cm ²			Do All Three Checks Meet the Standard?
First Reading	Second Reading	Third Reading	N/A
N/A	N/A	N/A	

* If the Calibration Check from the red SRM film value is greater or less than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

Lead Shielding and Lead Based Paint Data Sheet				
Entek Project 21-5772			Niton XLp-300A Lead Analyzer	
Address 2315 Stockton Blvd. Sacramento, CA			XRF Serial No: 24015	
Room Equivalent: Suite			Inspector(s): Jon Gonzalez & Karl Suarez	
Component	Substrate	Color	Test Location	XRF Reading (mg/cm ²)
Wall	Drywall	White	Room 1514C, North Wall, at 2'	0
Wall	Drywall	White	Room 1514C, North Wall, at 5'	0
Wall	Drywall	White	Room 1514C, North Wall, at 10'	0
Wall	Plaster	White	Room 1514C, West Wall, at 2'	0
Wall	Plaster	White	Room 1514C, West Wall, at 5'	0
Wall	Plaster	White	Room 1514C, West Wall, at 10'	0
Wall	Drywall	White	Room 1514C, South Wall, at 2'	0
Wall	Drywall	White	Room 1514C, South Wall, at 5'	0
Wall	Drywall	White	Room 1514C, South Wall, at 10'	0
Wall	Drywall	White	Room 1514C, East Wall, at 2'	9.7
Wall	Drywall	White	Room 1514C, East Wall, at 5'	5.7
Wall	Drywall	White	Room 1514C, East Wall, at 10'	0
Door	Wood	White	Room 1514C, East Door, at 2'	6
Door	Wood	White	Room 1514C, East Door, at 5'	6.3
Wall	Plaster	White	Room 1523, East Wall, at 2'	0
Wall	Plaster	White	Room 1523, East Wall, at 5'	0
Wall	Plaster	White	Room 1523, East Wall, at 10'	0
Wall	Drywall	White	Room 1523C, North Wall, at 2'	7.2
Wall	Drywall	White	Room 1523C, North Wall, at 5'	8.4
Wall	Drywall	White	Room 1523C, North Wall, at 10'	0
Wall	Drywall	White	Room 1523C, East Wall, at 2'	9.8
Wall	Drywall	White	Room 1523C, East Wall, at 5'	8.9
Wall	Drywall	White	Room 1523C, East Wall, at 10'	0

XRF Readings ≥ 1.0 mg/cm² = Lead Shielding Detected Underneath Substrate or Lead Based Paint

All XRF Readings < 1.0 mg/cm² = No Lead Shielding Detected or No Lead Based Paint

Wall	Drywall	White	Room 1523C, South Wall, at 2'	7.2
Wall	Drywall	White	Room 1523C, South Wall, at 5'	8.4
Wall	Drywall	White	Room 1523C, South Wall, at 10'	0
Wall	Drywall	White	Room 1514F, North Wall, at 2'	8.5
Wall	Drywall	White	Room 1514F, North Wall, at 5'	3.3
Wall	Drywall	White	Room 1514F, North Wall, at 10'	0
Wall	Drywall	White	Room 1514F, South Wall, at 2'	1.2
Wall	Drywall	White	Room 1514F, South Wall, at 5'	4.8
Wall	Drywall	White	Room 1514F, South Wall, at 10'	1.4
Door	Wood	White	Room 1514F, South Door, at 2'	0
Door	Wood	White	Room 1514F, South Door, at 5'	0
Wall	Drywall	White	Room 1512, West Wall, at 2'	0
Wall	Drywall	White	Room 1512, West Wall, at 5'	0
Wall	Drywall	White	Room 1512, West Wall, at 10'	0
Wall	Drywall	White	Room 1510, West Wall, at 2'	10.2
Wall	Drywall	White	Room 1510, West Wall, at 5'	8.8
Wall	Drywall	White	Room 1510, West Wall, at 10'	0
Door	Wood	White	Room 1514J, North Door, at 2'	6.3
Door	Wood	White	Room 1514J, North Door, at 5'	5
Wall	Drywall	White	Room 1514J, West Wall, at 2'	0
Wall	Drywall	White	Room 1514J, West Wall, at 5'	0
Wall	Drywall	White	Room 1514J, West Wall, at 10'	0
Wall	Drywall	White	Room 1514J, East Wall, at 2'	9.8
Wall	Drywall	White	Room 1514J, East Wall, at 5'	8
Wall	Drywall	White	Room 1514J, East Wall, at 10'	0
Wall	Drywall	White	Room 1514J, South Wall, at 2'	0.4
Wall	Drywall	White	Room 1514J, South Wall, at 5'	0.6
Wall	Drywall	White	Room 1514J, South Wall, at 10'	0
Wall	Drywall	White	Room 1514K, West Wall, at 2'	3

XRF Readings ≥ 1.0 mg/cm² = Lead Shielding Detected Underneath Substrate or Lead Based Paint

All XRF Readings < 1.0 mg/cm² = No Lead Shielding Detected or No Lead Based Paint

Wall	Drywall	White	Room 1514K, West Wall, at 5'	3.5
Wall	Drywall	White	Room 1514K, West Wall, at 10'	0
Wall	Drywall	White	Room 1506, North Wall, at 2'	0
Wall	Drywall	White	Room 1506, North Wall, at 5'	0
Wall	Drywall	White	Room 1506, North Wall, at 10'	0
Wall	Drywall	White	Room 1506, South Wall, at 2'	0
Wall	Drywall	White	Room 1506, South Wall, at 5'	0
Wall	Drywall	White	Room 1506, South Wall, at 10'	0
Wall	Drywall	White	Room 1506, East Wall, at 2'	0
Wall	Drywall	White	Room 1506, East Wall, at 5'	0
Wall	Drywall	White	Room 1506, East Wall, at 10'	0
Door	Wood	White	Room 1506, North Door, at 2'	0
Door	Wood	White	Room 1506, North Door, at 5'	0
Wall	Drywall	White	Room 1514F, East Wall, at 2'	8.9
Wall	Drywall	White	Room 1514F, East Wall, at 5'	8.5
Wall	Drywall	White	Room 1514F, East Wall, at 10'	0
Wall	Drywall	White	Room 1512, North Wall, at 2'	9.2
Wall	Drywall	White	Room 1512, North Wall, at 5'	8.2
Wall	Drywall	White	Room 1512, North Wall, at 10'	0
Wall	Drywall	White	Room 1512, South Wall, at 2'	0
Wall	Drywall	White	Room 1512, South Wall, at 5'	0
Wall	Drywall	White	Room 1512, South Wall, at 10'	0
Wall	Drywall	White	Room 1512, East Wall, at 2'	8.7
Wall	Drywall	White	Room 1512, East Wall, at 5'	10
Wall	Drywall	White	Room 1512, East Wall, at 10'	0
Door	Wood	White	Room 1512, North Door, at 2'	6
Door	Wood	White	Room 1512, North Door, at 5'	7.2
Wall	Drywall	White	Room 1514J, East Wall, at 2'	0
Wall	Drywall	White	Room 1514J, East Wall, at 5'	0

XRF Readings ≥ 1.0 mg/cm² = Lead Shielding Detected Underneath Substrate or Lead Based Paint

All XRF Readings < 1.0 mg/cm² = No Lead Shielding Detected or No Lead Based Paint

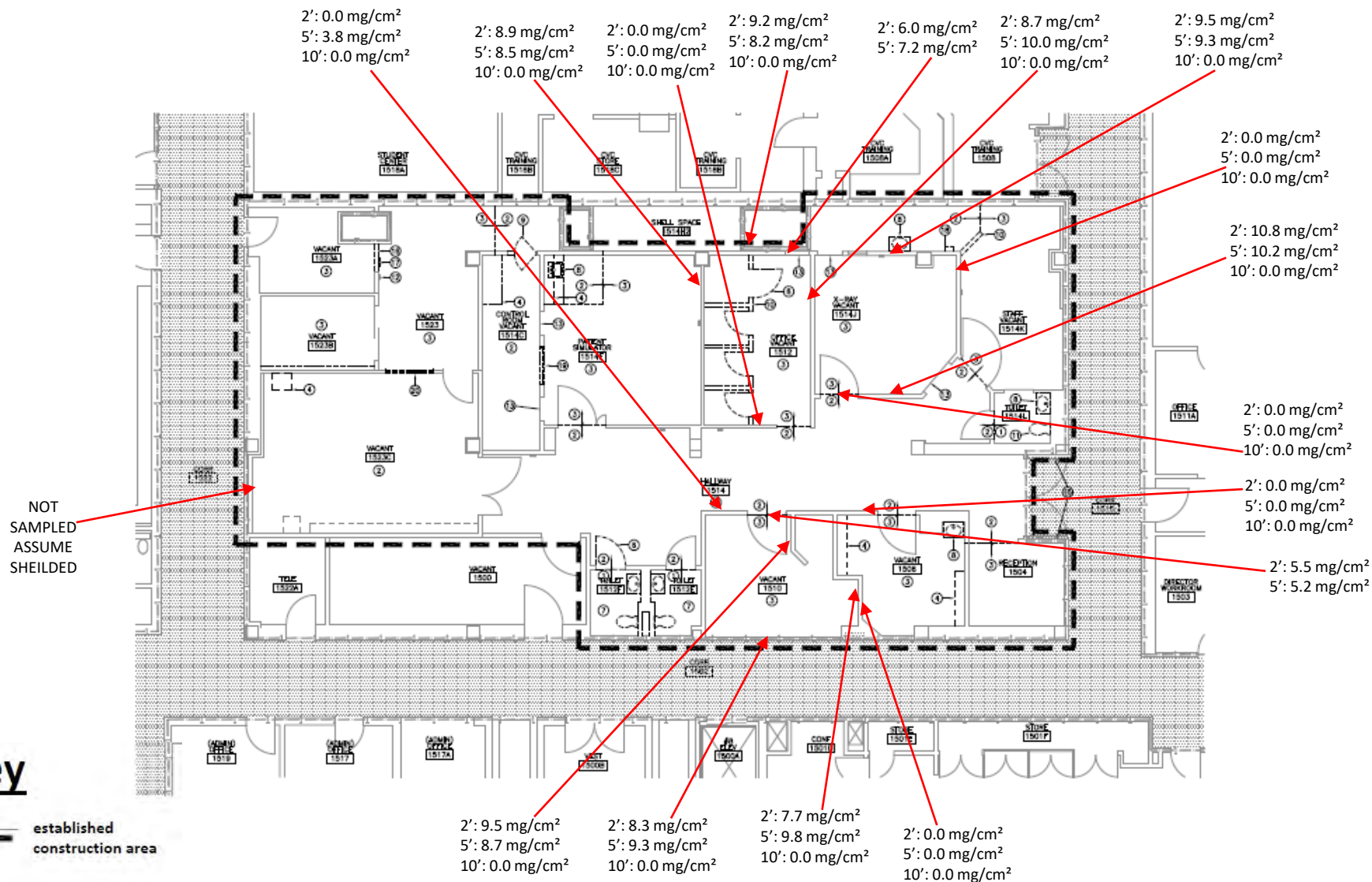
Wall	Drywall	White	Room 1514J, East Wall, at 10'	0
Wall	Drywall	White	Room 1514J, North Wall, at 2'	9.5
Wall	Drywall	White	Room 1514J, North Wall, at 5'	9.3
Wall	Drywall	White	Room 1514J, North Wall, at 10'	0
Wall	Drywall	White	Room 1514J, South Wall, at 2'	10.8
Wall	Drywall	White	Room 1514J, South Wall, at 5'	10.2
Wall	Drywall	White	Room 1514J, South Wall, at 10'	0
Door	Wood	White	Room 1514J, North Door, at 2'	0
Door	Wood	White	Room 1514J, North Door, at 5'	0
Wall	Drywall	White	Room 1510, North Wall, at 2'	0
Wall	Drywall	White	Room 1510, North Wall, at 5'	3.8
Wall	Drywall	White	Room 1510, North Wall, at 10'	0
Wall	Drywall	White	Room 1510, South Wall, at 2'	8.3
Wall	Drywall	White	Room 1510, South Wall, at 5'	9.3
Wall	Drywall	White	Room 1510, South Wall, at 10'	0
Wall	Drywall	White	Room 1510, East Wall, at 2'	7.7
Wall	Drywall	White	Room 1510, East Wall, at 5'	9.8
Wall	Drywall	White	Room 1510, East Wall, at 10'	0
Wall	Drywall	White	Room 1510, East Center Wall, at 2'	8.3
Wall	Drywall	White	Room 1510, East Center Wall, at 5'	9.3
Wall	Drywall	White	Room 1510, East Center Wall, at 10'	0
Door	Wood	White	Room 1510, North Door, at 2'	5.5
Door	Wood	White	Room 1510, North Door, at 5'	5.2
Wall	Drywall	White	Room 1506, North Wall, at 2'	0
Wall	Drywall	White	Room 1506, North Wall, at 5'	3.8
Wall	Drywall	White	Room 1506, North Wall, at 10'	0
Wall	Drywall	White	Room 1506, West Wall, at 2'	0
Wall	Drywall	White	Room 1506, West Wall, at 5'	0
Wall	Drywall	White	Room 1506, West Wall, at 10'	0

XRF Readings ≥ 1.0 mg/cm² = Lead Shielding Detected Underneath Substrate or Lead Based Paint

All XRF Readings < 1.0 mg/cm² = No Lead Shielding Detected or No Lead Based Paint

Wall	Drywall	White	Room 1523C, West Wall, at 2'	ASSUMED ≥ 1.0 mg/cm ²
Wall	Drywall	White	Room 1523C, West Wall, at 5'	ASSUMED ≥ 1.0 mg/cm ²
Wall	Drywall	White	Room 1523C, West Wall, at 10'	ASSUMED ≥ 1.0 mg/cm ²
I-Beam	Steel	Orange	Above Room 1523(Painted)	10.2
I-Beam	Steel	Orange	Above Room 1523(Painted)	13.9
I-Beam	Steel	Grey	Above Room 1523(Bare)	0
I-Beam	Steel	Grey	Above Room 1523(Bare)	0
I-Beam	Steel	Orange	Above Room 1514J(Painted)	11.9
I-Beam	Steel	Orange	Above Room 1514J(Painted)	16.2
I-Beam	Steel	Grey	Above Room 1512(Bare)	0
I-Beam	Steel	Grey	Above Room 1512(Bare)	0
I-Beam	Steel	Orange	Above Room 1514K(Painted)	10.1
I-Beam	Steel	Orange	Above Room 1514K(Painted)	16.5

XRF Readings ≥ 1.0 mg/cm² = Lead Shielding Detected Underneath Substrate or Lead Based Paint
 All XRF Readings < 1.0 mg/cm² = No Lead Shielding Detected or No Lead Based Paint



UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
2315 Stockton Blvd
Sacramento, CA

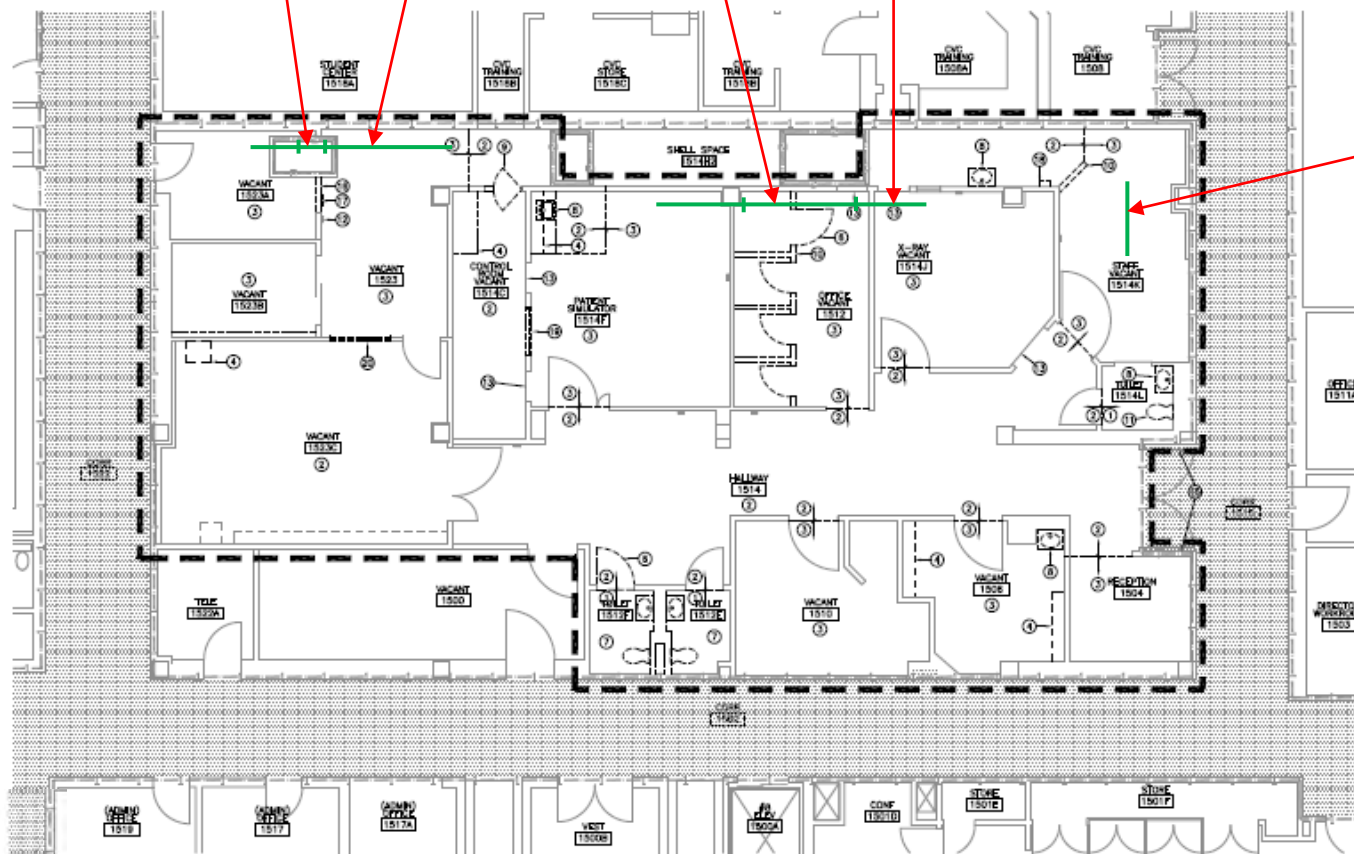
Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

XRF Measurement Map – for Lead Shielding
Collected by Jon Gonzalez & Karl Suarez
On December 1, 2022
Project Number 21-5772



0.00 mg/cm² 10.2 mg/cm² 0.00 mg/cm² 11.9 mg/cm²
0.00 mg/cm² 13.9 mg/cm² 0.00 mg/cm² 16.2 mg/cm²
(Bare where abated by JME) (Painted) (Bare where abated by JME) (Painted)

10.1 mg/cm²
16.5 mg/cm²
(Painted)



Key

— established
- - - construction area

JME - JM Environmental(Lead Abatement Contractor)

UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
2315 Stockton Boulevard
Sacramento, CA

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Cloud\Clients\UCDMC\21-5772 Main Hosp #1514 PFT Relocation #2020 - M052779\Drawings

XRF Measurement Map – Structural I Beams
Collected by Jon Gonzalez & Karl Suarez
On December 1, 2022
Project Number 21-5772

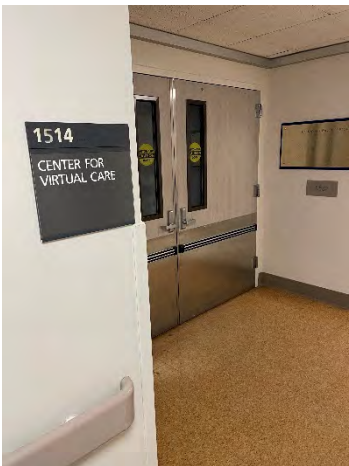
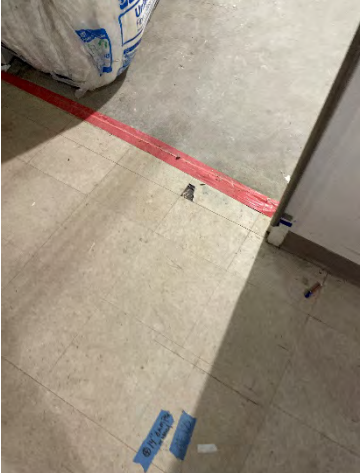


APPENDIX E

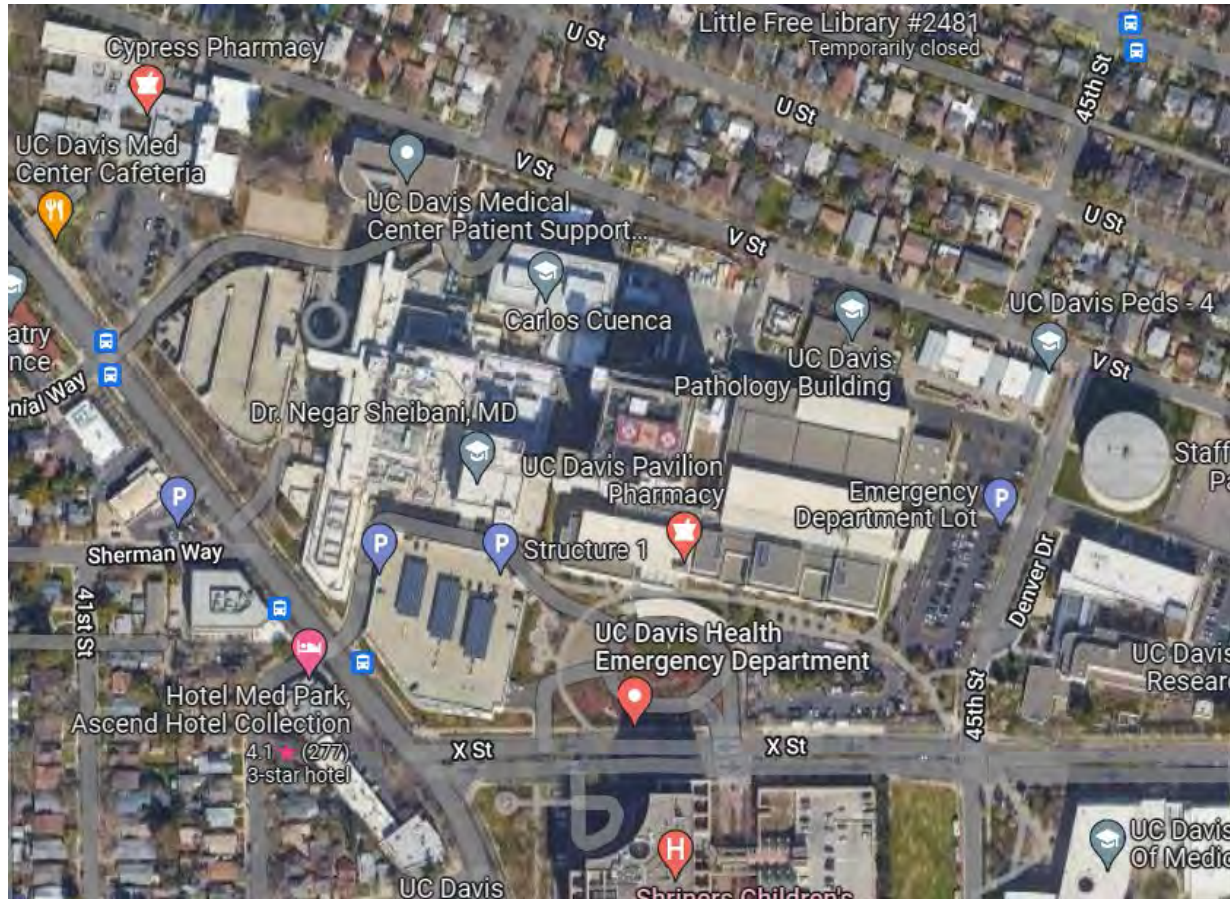
BACK UP DOCUMENTATION

- Photo Log
- Site Map
- Inspector Accreditations and Certifications
- Laboratory Accreditations for Asbestos and Lead Analysis

Photo Log

Job Number:	21-5772	Date:	12-1-22
Client:	UCDMC		
Site Address:	East Wing Room 1514		

	
<p>View of the Entrance to the Room 1514 Containment.</p>	<p>View of where the 12" x 12" Vinyl Floor Tile sample was collected. Black Mastics underneath this flooring was determined by the laboratory to contain asbestos.</p>
	
<p>View of Possible Lead Shielding Wall (West Wall) within Room 1514F.</p>	<p>Overview of 1514 H. Black Mastics underneath this flooring was determined by the laboratory to contain asbestos.</p>



UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
2315 Stockton Boulevard
Sacramento, CA

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Site Map
Project Number 21-5772

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Jonathan A Gonzalez
Name



Certification No. **22-7153**

Expires on **07/15/23**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician



Karl S. Suarez

Name

Certification No. **21-6935**

Expires on **11/19/23**

This certification was issued by the Division of
Occupational Safety and Health as authorized by
Sections 7180 et seq. of the Business and
Professions Code.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Jonathan Gonzalez

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00008455

EXPIRATION DATE:

3/25/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Karl Suarez

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00008454

EXPIRATION DATE:

3/25/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 507-LEAD

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Ryan Metzen

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00007452

EXPIRATION DATE:

9/20/2023

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at

www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101442-0

ASBESTECH
Rancho Cordova, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

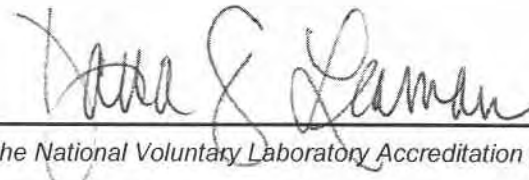
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2022-07-01 through 2023-06-30

Effective Dates




For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ASBESTECH

11151 Sun Center Drive, Suite B
Rancho Cordova, CA 95670

Mr. Tommy Conlon

Phone: 916-481-8902 Fax: 916-481-3975

Email: asbestech@sbcglobal.net

<http://www.asbestechlab.com>

ASBESTOS FIBER ANALYSIS

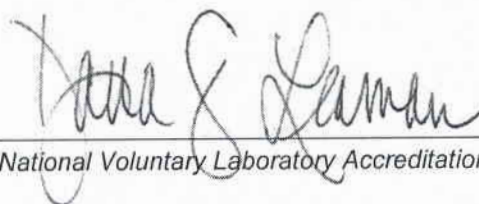
NVLAP LAB CODE 101442-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

MicroTest Laboratories, Inc.

3110 Gold Canal Drive

Rancho Cordova, CA 95670

Scope of the certificate is limited to the
"Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2974**

Effective Date: **7/1/2022**

Expiration Date: **6/30/2024**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**



MicroTest Laboratories, Inc.

3110 Gold Canal Drive
Rancho Cordova, CA 95670
Phone: 9165679808

**Certificate Number: 2974
Expiration Date: 6/30/2024**

Field of Accreditation:114 - Inorganic Constituents in Hazardous Waste

114.345 002	Antimony	EPA 6020 B
114.345 003	Arsenic	EPA 6020 B
114.345 004	Barium	EPA 6020 B
114.345 005	Beryllium	EPA 6020 B
114.345 006	Cadmium	EPA 6020 B
114.345 008	Chromium	EPA 6020 B
114.345 009	Cobalt	EPA 6020 B
114.345 010	Copper	EPA 6020 B
114.345 012	Lead	EPA 6020 B
114.345 016	Nickel	EPA 6020 B
114.345 018	Selenium	EPA 6020 B
114.345 021	Thallium	EPA 6020 B
114.345 023	Zinc	EPA 6020 B
114.345 024	Molybdenum	EPA 6020 B
114.515 001	Lead	EPA 7420
114.545 001	Mercury	EPA 7471 B

Field of Accreditation:115 - Leaching/Extraction Tests and Physical Characteristics of Hazardous Waste

115.055 001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.085 001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311

Field of Accreditation:121 - Bulk Asbestos Analysis of Hazardous Waste

121.010 001	Bulk Asbestos	EPA 600/M4-82-020
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APPENDIX F

HISTORICAL DOCUMENTS

- Original Hazardous Materials Report dated May 4, 2021



**ENTEK
CONSULTING GROUP, INC.**

4200 Rocklin Road, Suite 7, Rocklin, CA 95677 Phone (916) 632-6800 Fax (916) 632-6812 www.entekgroup.com

**HAZARDOUS MATERIALS SURVEY
FINAL REPORT**

OWNER

**UCDMC
2315 Stockton Boulevard
Sacramento, CA 95817**

CONTACT

**UCDMC
2315 Stockton Boulevard
Sacramento, CA 95817**

SURVEY ADDRESS

**UCDMC
2315 Stockton Boulevard
Sacramento, CA 95817**

AREA SURVEYED

**Main Hosp # 1514 PFT Relocation #2020
M052779**

PREPARED BY

**Andy Roed
CAC #16-5695 and CDPH I/A #29001
Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677**

Entek Project #21-5772

May 4, 2021

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Appendices

- A. Asbestos Related Documents
- B. Lead Related Documents
- C. Backup Documents

Executive Summary

Entek Consulting Group, Inc. (Entek) is pleased to provide Mr. Dave Brooks, Project Manager and Supervisor at UCDMC with this hazardous materials report regarding the renovation project to occur as part of the Main Hosp #1514 PFT Relocation 2020 Project.

The purpose of the inspection was to comply with US EPA NESHAP requirements and the Sacramento Metropolitan Air Quality Management District (SMAQMD) which has jurisdiction for this project site to determine if asbestos containing materials are present which may be impacted during an upcoming renovation project. A map outlining the proposed project area as well as those areas which were not accessible is attached to this report.

The United States Environmental Protection Agency, National Emission Standards for Hazardous Air Pollutants (US EPA NESHAP), 40 CFR Part 61 - Nov. 20, 1990, requires an owner or operator of a demolition or renovation project to thoroughly inspect the affected facility or part of the facility where the demolition or renovation operation will occur for the presence of asbestos-containing materials (ACM) prior to the commencement of that project.

The attached drawing show approximate sample locations and also identify those bulk sample materials analyzed and found to contain asbestos greater than 1% with a (+) after the sample number. Materials analyzed and found to contain less than 1% asbestos or reported as none detected have a (-) after each sample number.

Materials are classified in the tables of this report as regulated asbestos containing material (RACM), Category I (CAT-I) or Category II (CAT-II) ACM, or asbestos containing construction material (ACCM), which included collecting multiple samples of some materials. Contractors and other individuals who view the sample locations and associated results indicated with either a (-) or a (+) on the drawing to make determinations take the risk of misidentifying a material and may arrive at determinations which are in direct conflict with the written findings of this report. This use of the drawing and the information provided on it relating to individual sample results in determining if a material does or does not contain asbestos is not recommended.

This is a summary of the report. The report must be read in its entirety, and the reader must review all the detailed information provided in the body of the report prior to making any interpretations, or conclusions pertaining to the information. Any conclusions made by the reader about the information provided in the body of this report which are contradictory or not included in this report are the responsibility of the reader.

Asbestos

On April 15, 2021, Entek conducted a limited asbestos survey specific to areas designated by Mr. Jamey Byrne, Project Manager with UCDMC and as outlined on the attached drawings. This area of renovation includes the flooring, walls, and potential ceiling renovations to the outlined space.

The results of testing for asbestos indicate that asbestos was present in the following materials:

- **Beige Pebble Vinyl Sheet Flooring over Beige Vinyl Floor Tile over Black Mastic** – Restroom 1514L Throughout
- **Multi-Layer Floor Systems under Carpet** – Throughout Proposed work area
- **Black Floor Mastic** – Throughout Proposed project area
- **White Sink Undercoating** – One Sink in room 1514F
- **Spray Applied Fireproofing** – Ceiling Deck Throughout
- **Pipe Insulation and Pipe Fitting Insulation** – Above Ceiling Throughout

NOTES:

- Many of the materials outlined above are planned for abatement starting in May of 2021.
- The Attic space is assumed to contain and be contaminated with asbestos containing fireproofing throughout.

Specifics pertaining to individual materials can be found in later sections of this report.

Lead

Entek investigated existing paints in an effort to determine if lead was present in these materials.

Entek investigated existing paints, applied coatings and glazed ceramic tiles in an effort to determine if lead was present in these materials. In brief: the wall systems associated with rooms 1514C, 1514F, 1512, 1514J and 1514K were determined to contain more than 1.0 mg/cm² lead and are classified as lead-based paint (LBP). If more than 100 square feet of these paints, coatings, or glazed ceramic tiles are impacted by a “trigger task”, prior notification to Cal/OSHA will be required. **It is likely that these walls contain a lead lining due to the previous use of the rooms as well as the high XRF readings.**

All other paints expected to be impacted by this renovation project were all reported to less than the laboratory reporting limit of 100 ppm.

Other Hazardous Materials

Entek did not specifically inspect for mercury containing fluorescent light tubes or light ballast which may contain polychlorinated biphenyls (PCBs), thermostats which may contain mercury switches, equipment or systems which may contain Freon or other fluorocarbons, or smoke detectors which may contain a radioactive element. However, information pertaining to these materials is included in this report for your use and reference, since these light systems are present on the project.

Introduction

This report presents results of an asbestos and lead survey performed by Entek which included the materials expected to be impacted by the renovation project for the Main Hosp #1514 PFT Relocation 2020 M052779 as designated by Mr. Jamey Bryne with UCDMC. The designated areas were marked on a drawing that was sent to Entek via email indicating the area and scope of work.

The limited asbestos survey was conducted by Mr. Andy Roed on April 15, 2021. Mr. Roed is a Cal/OSHA Certified Asbestos Consultant (CAC) and CDPH Lead Inspector Assessor.

This report was prepared for Mr. Dave Brooks, Project Manager Supervisor with UCDMC.

Work Area Description

The work area as part of this project is currently a vacant area within the East Wing of the UCDMC. Previously, the area was utilized as an X-Ray and radiology area. Interior finishes included a variety of different floor finishes with multiple layers. These floor systems consisted of vinyl floor tiles, vinyl sheet flooring and carpet systems. Interior walls consisted of Drywall wall systems. Due to the previous use of the area, it is likely that several of the wall systems within this work area contain a lead lining. The ceiling system varied between a drywall ceiling and drop-in ceiling tiles. The above ceiling space of this work area was not inspected as part of this survey, however, it is known from previous surveys that the asbestos containing fireproofing is present throughout the space as well as asbestos containing pipe insulation in various areas.

Asbestos Inspection and Sample Collection Protocols

Entek included all specific areas that were designated on the marked drawings for the Main Hosp #1514 PFT Relocation 2020 M052779 Project in this report.

Entek did not use any demolition methods to look within enclosed wall or ceiling cavities during this investigation. Entek did include all suspect materials observed in, on, or associated with the areas included in this report.

Bulk samples were collected of various materials suspected to contain asbestos by utilizing a power drill and coring tube, cutting the materials with a razor knife, or use of other appropriate hand tools.

Miscellaneous materials were collected from each homogenous area in a manner sufficient to determine whether the material is or is not ACM as required in 40 CFR Part 763, Asbestos-Containing Materials in Schools; Final Rule and Notice, published October 30, 1987.

Approximate locations of all samples collected during this inspection are indicated on the "Bulk Asbestos Material Analysis Request Form for Entek", which served as the chain of custody for the samples, and on the building diagram(s) attached to this report.

Asbestos Bulk Sample Results

There were several materials observed which are considered "suspect" under US EPA guidelines. Under current US EPA guidelines for conducting building inspections for ACM, all "suspect" materials must be assumed to contain asbestos until otherwise determined by laboratory testing.

The samples of materials suspected of containing asbestos were submitted to Asbestech Laboratory, which is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory to complete this analysis. These samples were subsequently analyzed by polarized light microscopy (PLM) with dispersion staining by the EPA 600R/R-93/116 method.

The US EPA NESHAP and SMAQMD uses the terms Regulated Asbestos Containing Material (RACM), Category I, and Category II when identifying materials which contain asbestos in amounts greater than 1%. Cal/OSHA uses the term ACCM which indicates a manufactured construction material contains greater than 0.1% asbestos by weight by the PLM method. This definition can be found in Title 8, 1529.

A total of 19 bulk samples were collected of all "suspect" materials that were observed during this investigation. Some of those samples contained multiple layers which were individually analyzed to determine their asbestos content.

Suspect Materials Found to Contain Asbestos					
Sample ID#s	Suspect Material	Asbestos Content/Type (%) by PLM	Location	NESHAP - Cal/OSHA Classification	Total Estimated Quantity
03A-B	Beige Pebble Vinyl Sheet Flooring over Yellow Mastic over Beige Floor Tile over Black Mastic	15-20% Chrysotile (Beige VSF) None Detected (Yellow Mastic) 1-2% Chrysotile (Beige VFT) 1-2% Chrysotile (Black Mastic)	Restroom1514L	RACM	200 SF
06A	White Vinyl Floor Tile with Tan Mastic over Beige Vinyl Sheet Flooring over Yellow Mastic over Beige Floor Tile over Black Mastic	<1% Chrysotile (White VFT) None Detected (Tan Mastic) 15-20% Chrysotile (Beige VSF) None Detected (Yellow Mastic) 1-2% Chrysotile (Beige VFT) 1-2% Chrysotile (Black Mastic)	Room 1514F	Category 1 and 2	150 SF

Suspect Materials Found to Contain Asbestos					
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM	Location	NESHAP - Cal/OSHA Classification	Total Estimated Quantity
07A	Blue Vinyl Floor Tile with Tan Mastic over Beige Vinyl Sheet Flooring over Yellow Mastic over Beige Floor Tile over Black Mastic over Off-White Vinyl Sheet Flooring with White Mastic	<1% Chrysotile (Blue VFT) None Detected (Tan Mastic) 15-20% Chrysotile (Beige VSF) None Detected (Yellow Mastic) 1-2% Chrysotile (Beige VFT) 1-2% Chrysotile (Black Mastic) None Detected (Off-White VSF) None Detected (White Mastic)	Room 1514F	RACM, Category 1 and 2	150 SF
08A	White Sink Undercoating	1-5% Chrysotile	Sink in Room 1514F	Category 2	4 SF
10A	Blue Carpet over Tan Mastic over Beige Vinyl Sheet Flooring Over Yellow Mastic over Beige Floor Tile over black Mastic over Off-White Vinyl Sheet Flooring over White Mastic	None Detected (Blue Carpet) None Detected (Tan Mastic) 15-20% Chrysotile (Beige VSF) None Detected (Yellow Mastic) 1-2% Chrysotile (Beige VFT) 1-2% Chrysotile (Black Mastic) None Detected (Off-White VSF) None Detected (White Mastic)	Room 1514F	RACM Category 1 Category 2	300 SF
11A	Tan Rubber Flooring over White Mastic over Gray Leveler over Black Mastic	None Detected (Rubber Flooring) None Detected (White Mastic) None Detected (Gray Leveler) <1%Chrysoitle (Black Mastic)	Room 1523C	Category 1	300 SF

Suspect Materials Found to Contain Asbestos					
Sample ID#'s	Suspect Material	Asbestos Content/Type (%) by PLM	Location	NESHAP - Cal/OSHA Classification	Total Estimated Quantity
13A	Green/Blue Carpet Squares over Tan Mastic over Beige Floor Tile with Tan Mastic over White Leveler over Black Mastic	None Detected (Carpet) None Detected (Tan Mastic) None Detected (Beige VFT) None Detected (Tan Mastic) None Detected (White Leveler) 1-2% Chrysotile (Black Mastic)	Room 1523A, 1523B, 1523	Category 1	400 SF
N/A	Spray Applied Fireproofing	Assumed to Contain Asbestos from Previous Sample Results	Throughout Project Area	RACM	4,000 SF
N/A	Pipe Insulation	Assumed to Contain Asbestos from Previous Sample Results	Throughout Project Area	RACM	Not Determined

- Entek did not inspect all flooring systems within the project areas. The project area was under containment for an upcoming fireproofing abatement project. Multiple layers of plastic sheeting were present on the floor in the areas outlined on the attached drawing. These areas should be assumed to contain asbestos containing floor systems or tested to determine otherwise.
- Entek did not inspect above ceiling during this assessment. It is known that asbestos containing fireproofing and pipe insulation is present in this area. However, the scope of the current project in this area is to abate much of the fireproofing, pipe insulation and flooring in this area. Therefore, much of the asbestos containing materials are likely to be removed in the next 30-60 days.

NOTE: Any CAT-I or CAT-II materials identified in the previous tables which will be subjected to mechanical removal, must be considered RACM for the purposes of notification to SMAQMD and classification of waste. Removal of any CAT-I or CAT-II materials prior to demolition of a building is dependent upon how the materials will be impacted and if the impact will cause the materials to become friable. If any remaining CAT-I or CAT-II materials will become friable they must be removed prior to the initiation of demolition.

NOTE: Cal/OSHA regulates all materials containing greater than 0.1% asbestos. As a result, impact to materials identified as ACCM and ACM must be performed by properly asbestos trained personnel utilizing appropriate personal protection, work practices, as well as, properly constructed and demarcated work areas or containments, in accordance with Cal/OSHA asbestos regulations.

All sample numbers noted in the tables above start with ECG-21-5772-

The tables above provide an estimate of the amount of materials in square feet or linear feet. Contractors are responsible for quantifying the exact quantity of materials impacted by the renovation or demolition and shall not rely on the quantities in the above tables.

US EPA AHERA uses three terms when determining the classification of a material for the purpose of sampling. These terms include miscellaneous, surfacing, and thermal system insulation (TSI).

Miscellaneous materials are building materials on structural components, structural members or fixtures, such as floor and ceiling tiles, and do not include surfacing material or TSI.

Surfacing materials are materials that are sprayed-on, troweled-on, or otherwise applied to surfaces, such as acoustical plaster on ceiling and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.

The information provided in the tables of this report are for use by the Owner in determining where asbestos containing materials are located, and whether or not any future work may impact those materials. The information is also provided for use by any contractor who may perform work in areas impacting the materials listed in this report, and for use as appropriate by asbestos abatement contractors to provide costs related to work impacting ACM.

Any building materials which are considered “suspect” for containing asbestos which have not been identified in this report must be assumed to contain asbestos in amounts >1% until properly investigated and/or tested.

Materials commonly excluded from being suspected for containing asbestos include, but are not limited to: unwrapped pink and yellow fiberglass insulating materials or products, foam insulation, wood, metal, plastic, or glass. All other types of building materials or coatings on the materials listed above are commonly listed as “suspect” and must be tested prior to impact by a Contractor. Work impacting these untested or newly discovered materials must cease until an investigation can be completed.

Asbestos Regulatory Requirements

US EPA

The property included in this survey report is located in Sacramento County. The Sacramento Metropolitan Air Quality Management District (SMAQMD) has been given authority for enforcement of the NESHAP regulations by means of their own rules (Rule 902).

A demolition is the wrecking, taking out, or burning of any load supporting structural member. A renovation is everything else. 10 day written notification to the US EPA Region IX and the SMAQMD is required prior to the performance of any demolition project regardless of asbestos being present or not. This notification would also apply to any renovation project which involves the wrecking, taking out, or burning of any load bearing

structural member during a renovation as well.

There is a sufficient amount of ACM present to require a 10 day notification to be submitted to the SMAQMD prior to starting work which will impact materials identified as RACM or CAT-I and CAT-II materials, ***if they are made friable***. If more than 160 square feet, 260 linear feet or 35 cubic feet of RACM is planned for removal on the project, formal written notification to SMAQMD is required.

10 day advance written notification is required when >160 square feet, 260 linear feet or 35 cubic feet of RACM will be disturbed or if this amount of CAT-I or CAT-II ACM will be rendered friable during removal. Prior notice to SMAQMD will be required if more than 160 square feet, 260 linear feet or 35 cubic feet of RACM is removed for this renovation or if the total amount of RACM removed from all buildings located at the same address will cause the total sum of removed RACM to exceed 160 square feet, 260 linear feet or 35 cubic feet within the same calendar year.

Cal/OSHA

Disturbance of any ACM or ACCM could generate airborne asbestos fibers and would be regulated by Cal/OSHA. Cal/OSHA worker health and safety regulations apply during any disturbance of ACM or ACCM by a person while in the employ of another. This is true regardless of friability or quantity disturbed. Since it has been estimated more than 100 square feet of ACM does exist and will be impacted during the upcoming project, a licensed asbestos contractor, certified by the State of California, and registered with Cal/OSHA is required to perform the asbestos related removal work. Entek recommends a licensed asbestos contractor be used to remove ACCM even if less than 100 square feet of ACCM is being disturbed.

For compliance with Title 8, Section 341.9, the asbestos contractor must send written notice at least one day (24 hours) prior to start of any work which will impact any amount of asbestos to the local office for the State of California, Department of Occupational Safety and Health, and perform all work in accordance with Cal/OSHA requirements.

Lead Sampling Results

An XRF Spectrum Analyzer testing indicated lead was present in concentrations >1.0 mg/cm² on various wall systems. The results of these reading are likely a result of the wall systems potentially being lead lined. The prior uses of this area support the idea that many of these wall systems are lead lined. Results of the XRF analysis are presented below. In addition, a map is attached to the report outlining areas that are likely to contain a lead lining.

Paints/Coatings/ Materials Determined to be Lead Based Paint (LCP) by XRF				
Paint/Coating Color or Material	Component	Location	Lead Content (mg/cm ²)	Condition
Wall System	Drywall Walls (potentially lead lined)	Rooms 1514C, 1514F, 1512, 1514J, 1514K	3.6-9.8	Intact

Three (3) bulk samples were collected from the painted surfaces that are expected to be impacted in the upcoming renovation project. The samples were collected and submitted to MicroTest Laboratories, Inc. (MicroTest) Located in Rancho Cordova, California. The bulk samples (paint chip) were analyzed utilizing the NIOSH 7082 method (including the EPA 7000B and EPA 7420 methods) utilizing flame atomic absorption spectroscopy. MicroTest is accredited by the Environmental Laboratory Accreditation Program (ELAP) to perform the analysis. Results of the analysis are listed in the following table and further details are in Appendix B.

Paints Determined NOT TO Contain Lead (<100 ppm)	
Paint Color	Building Component
Clear Glaze	Ceramic Wall Tile in Restrooms
White Paint	Interior Drywall Walls
White Paint	Interior Drywall Walls

LBP - Materials/coatings/paints meeting the definition of lead-based paint as defined by the CDPH and the US EPA, currently defined as containing lead in concentrations equal to or greater than 1.0 mg/cm², 5,000 ppm, or 0.5% by weight.

LCP - Materials/coatings/paints which contain measurable amounts of lead. The disturbance of these materials/coatings/paints is regulated by Cal/OSHA.

Paints determined “NOT TO” contain lead for the purposes of this report are those samples which when analyzed did not indicate lead to be present at or above the reporting limit. This limit of detection was 100 parts per million (ppm). As a result, any paints shown “NOT TO” contain lead will not require any special training or work practices related to lead when impacted.

Refer to Appendix B for the laboratory reports that indicate all of the paints that were reported to be less than the laboratory reporting limit of 100 ppm.

Lead Regulatory Compliance

Any upcoming project which may result in the disturbance of lead containing products or surfaces, but is not intended to remediate a lead hazard or specifically designed to remove LBP to reduce or eliminate a known hazard, would be considered “lead related construction work”.

Lead related construction work does not fit the classification of a “lead abatement project”

under CDPH Title 17 regulations. “*Abatement*” is defined in Title 17, Division 1, Chapter 8, Article 1 as “any set of measures designed to reduce or eliminate lead hazards or LBP for public and residential buildings, but does not include containment or cleaning.” A *lead hazard* is defined in Title 17, Division 1, Chapter 8, Article 1 as “deteriorated LBP, lead contaminated dust, lead contaminated soil, disturbing LBP or presumed LBP without containment, or any other nuisance which may result in persistent and quantifiable lead exposure.”

Lead related construction work means any “construction, alteration, painting, demolition, salvage, renovation, repair, or maintenance of any residential or public building, including preparation and cleanup, that, by using or disturbing lead-containing material or soil, may result in significant exposure of adults or children to lead”. (Title 17, California Code of Regulations, Division 1, Chapter 8, Article 1).

Currently, Cal/OSHA has not established a definition for LBP, nor have they established minimum concentrations where their regulations do not apply. Cal/OSHA regulates all construction activities involving materials containing lead, including LBP. These regulations are found in CCR, Title 8 Section 1532.1 (§1532.1) Lead in Construction.

Cal/OSHA has not established a concentration of lead in a product where their regulations do not apply, therefore, any disturbance to products containing lead come under the jurisdiction of Cal/OSHA and their regulations. Disturbance of paints/coatings or materials determined to be LBP may trigger a pre-work notification to Cal/OSHA if “trigger tasks” disturb 100 square feet or more of those paints/coatings or materials. Trigger tasks are described in Title 8 CCR 1532.1.

Fluorescent Light Tubes and Polychlorinated Biphenyls (PCBs)

Fluorescent light tubes which contain mercury are considered a universal waste and must be packaged and recycled appropriately if they are removed from a building and not used again. The regulation, called the Universal Waste Rule, are in the California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 23.

Fluorescent light tubes are the bulb or tube portion of an electric lighting device and are commonly referred to as “lamps”. Examples of other common electric lamps considered to be universal wastes include, but are not limited to, high intensity discharge, neon, mercury vapor, high pressure sodium, and metal halide lamps. Any lamp which is not spent and has been designated to be reused is not classified as a waste and does not meet the requirements of a hazardous waste or a universal waste.

Spent lamps typically contain concentrations of mercury exceeding the established Total Threshold Limit Concentration (TTLC) and/or the Soluble Threshold Limit Concentration (STLC) values. Therefore, these lamps must be sent to an authorized recycle facility or to a universal waste consolidator for shipment to an authorized recycling facility.

At a minimum, if removed lamps will not be reused they must be packaged in boxes/packages/containers which are structurally sound, adequate to prevent breakage, and compatible with the content of the lamps. These packages must remain closed and be free of damage which could cause leakage under reasonably foreseeable conditions. Each container must be labeled or marked clearly with one of the following phrases: “Universal

Waste Lamp(s),” or “Waste Lamp(s),” or “Used Lamp(s).” Entek recommends shipping any lamp not designated for reuse to a universal waste recycling facility once they have been packaged.

PCB containing light ballasts are to be considered a hazardous waste, and must be properly manifested for transport to a hazardous waste facility. Any contractor who may perform PCB related work (inspection, removal, clean-up) must be trained and qualified to do so. All workers must also follow current OSHA regulations including 29 CFR 1910.120 and 8 CCR 5192, as well as, other applicable federal, state, and local laws, and regulations. While light ballasts marked “No PCB” are not considered a hazardous waste, they are considered a universal waste. As a result, removal, packaging, and disposal/recycling of these types of ballasts must be conducted in accordance with current regulations of Title 22.

Thermostats with Mercury Switches

It is possible existing thermostats may utilize switches containing mercury. The mercury in these switches would be considered a hazardous waste if removed and disposed. Any work requiring removal of thermostats containing mercury switches, must include having the switches inspected for the presence of mercury, and subsequently following all requirements for packaging and disposal of any switch found to contain mercury.

Freon and Fluorocarbons

Freon and other fluorocarbon products associated with HVAC systems, refrigerators, etc. may be present in or on the exterior of the buildings included in this investigation. Prior to demolition of a structure or removal of existing HVAC systems, refrigerators, or any other type of equipment which typically uses these types of coolant products shall have the coolant materials investigated prior to their demolition and removed from the mechanical systems and recycled in accordance with Cal/EPA requirements.

Smoke Detectors Which May Contain a Radioactive Element

It is possible existing smoke detectors may contain a radioactive element. These types of detectors are easily identified by reviewing the label which is usually found on the back of the detector. Older units may display the international radiation symbol (three bladed propeller) and the radioactive content. Newer units state the radioactive content and their Nuclear Regulatory Agency (NRC) license number.

Any work requiring the removal of smoke detectors with a radioactive element must include contacting the manufacturer of the smoke detector to determine their return policies. The California Department of Toxic Substance Control (DTSC) has stated that it is a condition of the manufacturers NRC license they must accept returned units for disposal.

Limitations

Entek inspected only the specific areas as designated on the marked drawing from Mr. Jamey Byrne which did not include all areas of UCDMC’s interior and exterior. As a result, the information provided in this inspection report may not be used to extend the inspection



results to areas not included in this report without additional review and sampling as necessary.

Entek did not perform any destructive sampling to look into ceiling and wall cavities. As a result, it may be possible for materials to be hidden in these areas which are not included in this report. Entek also did not employ any destructive measures on floors of interior spaces or exterior areas covered with asphalt, concrete, or dirt.

If any new materials not listed as having been sampled, or listed as assumed for containing asbestos in this report are discovered, the new material must be assumed to contain asbestos until properly inspected and tested for asbestos content.

Entek's policy is to retain a full copy of these written documents for three years once the file is closed. At the end of the three year period the written files will be destroyed without further notice. It is suggested copies of the file(s) are maintained as per the UCDMC's policy.

Entek will be providing only this electronic copy of the report and its attachments for your use. However, if you would like a hard copy of this report please do not hesitate to ask. Entek will be happy to mail the report upon receipt of your request.

Thank you for choosing Entek for your environmental needs. Please call me at (916) 632-6800 if you have any questions regarding this report.

Prepared by: Andy Roed
Andy Roed
President
Cal/OSHA CAC #16-5695
CDPH I/A #29001

Appendices

- A. Asbestos Related Documents
- B. Lead Related Documents
- C. Backup Documents

APPENDIX A

ASBESTOS RELATED DOCUMENTS

- Bulk Asbestos Analysis Report From Asbestech
- Bulk Asbestos Material Analysis Request Form for Entek
- Asbestos Bulk Sample Location Drawing
- SMAQMD Asbestos Survey Form
- SMAQMD Demolition/Renovation Form
(To be completed by Owner)

ASBESTECH
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Rancho Cordova, California 95670
Tel.(916) 481-8902 asbestech@sbcglobal.net

Client:
Entek Consulting Group, Inc.
4200 Rocklin Rd., Suite 7
Rocklin, CA 95677

Job:
21-5772 UCDCMC
UCDCMC

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 68408-1
Date/Time Collected: 4/15/21
Date Received: 4/15/21

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 4/20/21

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772			
01A	White drywall , room 1523C NE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
01B	White drywall , room 1512 partition wall for dressing rooms	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
01C	White drywall , room 1514K wall w/ window	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound	NONE DETECTED	Gypsum Pumice
01D	White drywall , room 1512E NE corner	NONE DETECTED	Gypsum Fibrous Glass
	White joint compound 1	NONE DETECTED	Calcite
	White joint compound 2	NONE DETECTED	Calcite
02A	Gray vinyl sheet flooring , restroom 512E	NONE DETECTED	Vinyl
	Tan mastic	NONE DETECTED	Calcite

THE ANALYSIS USES POLARIZED LIGHT MICROSCOPY AND DISPERSION STAINING FOLLOWING E.P.A. METHOD 600/R-93/116. NON-FRIABLE MATERIALS WERE ANALYZED APPLYING THE SAME METHOD. THE LOWER DETECTION LIMIT IS <1 % WITH THE PROVISIO THAT PLM MAY NOT DETECT FIBERS <0.25 MICRONS IN DIAMETER THAT MAY BE PRESENT IN SAMPLES SUCH AS FLOOR TILES. IN ACCORDANCE WITH TITLE 22, CCR, SECTION 66261.24(a)(2)(A), THE MCL IS 1 %. SAMPLES WERE NOT COLLECTED BY ASBESTECH. THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE APPROVAL OF ASBESTECH. THIS REPORT RELATES ONLY TO THE ITEMS TESTED. THIS REPORT MUST NOT BE USED TO CLAIM PRODUCT ENDORSEMENT BY N.V.L.A.P. OR ANY AGENCY OF THE U.S. GOVERNMENT. ASBESTECH ACCEPTS TECHNICAL RESPONSIBILITY FOR THIS REPORT AND DATE OF ISSUE.

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 68408-2
Date/Time Collected: 4/15/21
Date Received: 4/15/21

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 4/20/21

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772			
02B	Gray vinyl sheet flooring , restroom 512F	NONE DETECTED	Vinyl
	Tan mastic	NONE DETECTED	Calcite
	White leveler	NONE DETECTED	Calcite
03A	Beige pebble vinyl sheet flooring , restroom 1514L	15-20 CHRYSOTILE	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Beige floor tile	1-2 CHRYSOTILE	Calcite
	Black mastic	1-2 CHRYSOTILE	Tar Binder
03B	Beige pebble vinyl sheet flooring , restroom 1514L	15-20 CHRYSOTILE	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Beige floor tile	1-2 CHRYSOTILE	Calcite
	Black mastic	1-2 CHRYSOTILE	Tar Binder
04A	Brown vinyl cove base , restroom 1514L	NONE DETECTED	Calcite Opagues
	Brown mastic	NONE DETECTED	Synthetics Wollastonite

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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 68408-3

Date/Time Collected: 4/15/21

Date Received: 4/15/21

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 4/20/21

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772			
05A	Off-white ceramic wall tile, restroom 1512E	NONE DETECTED	Granular Mins.
	White grout	NONE DETECTED	Granular Mins.
06A	White 12"x12" vinyl floor tile	<1 CHRYSOTILE	Calcite
	Tan mastic	NONE DETECTED	Synthetics
	Beige vinyl sheet flooring	15-20 CHRYSOTILE	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Beige floor tile	1-2 CHRYSOTILE	Calcite
	Black mastic	1-2 CHRYSOTILE	Tar Binder

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Rocklin, CA 95677

Job:
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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 68408-4
Date/Time Collected: 4/15/21
Date Received: 4/15/21

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 4/20/21

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772			
07A	Blue 12"x12" vinyl floor tile	NONE DETECTED	Calcite
	Tan mastic	NONE DETECTED	Synthetics
	Beige vinyl sheet flooring	15-20 CHRYSOTILE	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Beige floor tile	1-2 CHRYSOTILE	Calcite
	Black mastic	1-2 CHRYSOTILE	Tar Binder
	Off-white vinyl sheet flooring	NONE DETECTED	Vinyl
	White mastic	NONE DETECTED	Synthetics
08A	White sink undercoating, room 1514F under sink	1-5 CHRYSOTILE	Granular Mins. Opagues
09A	Tan vinyl cove base , room 1514F	NONE DETECTED	Calcite Opagues
	Tan mastic	NONE DETECTED	Calcite

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Job:
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BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 68408-5
Date/Time Collected: 4/15/21
Date Received: 4/15/21

NVLAP Lab Code 101442-0
CDPH # 1153
Date Analyzed: 4/20/21

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772			
10A	Blue carpet, room , room 1514F	NONE DETECTED	Synthetics
	Tan mastic	NONE DETECTED	Synthetics
	Beige vinyl sheet flooring	15-20 CHRYSOTILE	Vinyl Cellulose
	Yellow mastic	NONE DETECTED	Synthetics
	Beige floor tile	1-2 CHRYSOTILE	Calcite
	Black mastic	1-2 CHRYSOTILE	Tar Binder
	Off-white vinyl sheet flooring	NONE DETECTED	Vinyl
	White mastic	NONE DETECTED	Synthetics
11A	Tan rubber flooring, room 1523C	NONE DETECTED	Synthetics
	White mastic	NONE DETECTED	Synthetics
	Gray leveler	NONE DETECTED	Calcite
	Black mastic	<1 CHRYSOTILE	Tar Binder
12A	Gray 6" cove base , room 1523C	NONE DETECTED	Calcite
	Tan mastic	NONE DETECTED	Calcite
	White joint compound	NONE DETECTED	Calcite

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Job:

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UCDCMC

BULK ASBESTOS ANALYSIS REPORT

LAB JOB # 68408-6

Date/Time Collected: 4/15/21

Date Received: 4/15/21

NVLAP Lab Code 101442-0

CDPH # 1153

Date Analyzed: 4/20/21

<i>Sample No.</i>	<i>Color/Description</i>	<i>% Type Asbestos</i>	<i>Other Materials</i>
ECG-21-5772			
13A	Green/ blue square carpet, room 1523	NONE DETECTED	Synthetics
	Tan mastic	NONE DETECTED	Calcite
	Beige floor tile	NONE DETECTED	Calcite
	Tan mastic	NONE DETECTED	Synthetics
	White leveler	NONE DETECTED	Gypsum
	Black mastic	1-2 CHRYSOTILE	Tar Binder
14A	Gray 4" cove base, room 1523B	NONE DETECTED	Calcite
	Tan mastic	NONE DETECTED	Calcite

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68408



BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7
ROCKLIN, CA 95677
(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 4-15-2021

Job Number: 21-5772

Client Name: UCDCMC

Site Address: UCDCMC

Lab: Asbestech

Collected by: Andy Roed

Turnaround Time: Tuesday 4-20-21

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instructions: Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results at mainoffice@entekgroup.com as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-5722-01A	Drywall and Joint Compound / Room 1523C, NE Corner
ECG-21-5722-01B	Drywall and Joint Compound / Room 1512, Partition Wall for Dressing Rooms
ECG-21-5722-01C	Drywall and Joint Compound / Room 1514K, Wall with Window
ECG-21-5722-01D	Drywall and Joint Compound / Restroom 1512E, NE Corner
ECG-21-5722-02A	Gray Vinyl Sheet Flooring with Tan Mastic / Restroom 512E
ECG-21-5722-02B	Gray Vinyl Sheet Flooring with Tan Mastic / Restroom 512F
ECG-21-5722-03A	Beige Pebble Vinyl Sheet Flooring with Black Mastic / Restroom 1514L
ECG-21-5722-03B	Beige Pebble Vinyl Sheet Flooring with Black Mastic / Restroom 1514L
ECG-21-5722-04A	Brown Vinyl Covebase and Tan Mastic / Restroom 1514L

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Delivered by:

Michael Jutas

Date:

4-15-2021

Time: 11 AM/PM

Received by:

Al

Date:

4/15/21

Time: 11 AM/PM

68408



BULK ASBESTOS MATERIAL *Analysis Request*

ENTEK CONSULTING GROUP, INC.

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(916) 632-6800 PHONE
(916) 632-6812 FAX
mainoffice@entekgroup.com

Date of Sampling: 4-15-2021

Job Number: 21-5772

Client Name: UCDCM

Site Address: UCDCM

Lab: Asbestech

Collected by: Andy Roed

Turnaround Time: Tuesday 4-20-21

ANALYSIS REQUESTED: Asbestos by PLM
with Dispersion Staining

Special Instructions: Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.

Please e-mail results at mainoffice@entekgroup.com as soon as available and include copy of submittal with those results.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-5722-05A	Off-white Ceramic Wall tile with White grout / Restroom, 1512E
ECG-21-5722-06A	12"x12" White Vinyl Floor tile with Tan Mastic over 2 Layers of Vinyl Sheet flooring over Vinyl Floor Tile
ECG-21-5722-07A	12"x12" Blue Vinyl Floor tile with Tan Mastic over 2 Layers of Vinyl Sheet flooring over Vinyl Floor Tile
ECG-21-5722-08A	White Sink Undercoating / Room 1514F, Under Sink
ECG-21-5722-09A	Tan Vinyl Cove base and Tan Mastic / Room 1514F
ECG-21-5722-10A	Blue Carpet over Vinyl sheet flooring over vinyl sheet flooring over vinyl floor tile / Room 1514F
ECG-21-5722-11A	Tan Rubber Flooring over Gray leveler and Black mastic / Room 1523C
ECG-21-5722-12A	6" Gray covebase and tan mastic / Room 1523C
ECG-21-5722-13A	Green/Blue Square Carpet with Gray Leveler and Tan Mastic / Room 1523

C:\Users\andy\Entek Consulting Group, Inc\Entekgroup - Documents\Clients\UCDCM\21-5772 Main Hosp #1514 PFT Relocation #2020 - M052779\Bulk Asb\Bulk Asb Rqst 00-00-00.docx

Delivered by:

Michael J. Fitts

Date:

4-15-2021

Time: 11 AM/PM

Received by:

AR

Date:

4/15/21

Time: 11 AM/PM

68408

**BULK ASBESTOS MATERIAL** *Analysis Request***ENTEK CONSULTING GROUP, INC.**

4200 ROCKLIN ROAD, SUITE 7

ROCKLIN, CA 95677

(916) 632-6800 PHONE

(916) 632-6812 FAX

mainoffice@entekgroup.com**Date of Sampling:** 4-15-2021**Job Number:** 21-5772**Client Name:** UCDCMC**Site Address:** UCDCMC**Lab:** Asbestech**Collected by:** Andy Roed**Turnaround Time:** Tuesday 4-20-21**ANALYSIS REQUESTED:** Asbestos by PLM
with Dispersion Staining**Special Instructions:** *Stop analysis upon first positive result (>1%) for sample in a series. Also stop analysis upon first positive result (>1%) in the joint compound for sample series.**Please e-mail results at mainoffice@entekgroup.com as soon as available and include copy of submittal with those results.*

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-5722-14A	4 Inch Gray Covebase and Tan Mastic / Room 1523B

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Delivered by:**Date:**

4-15-2021

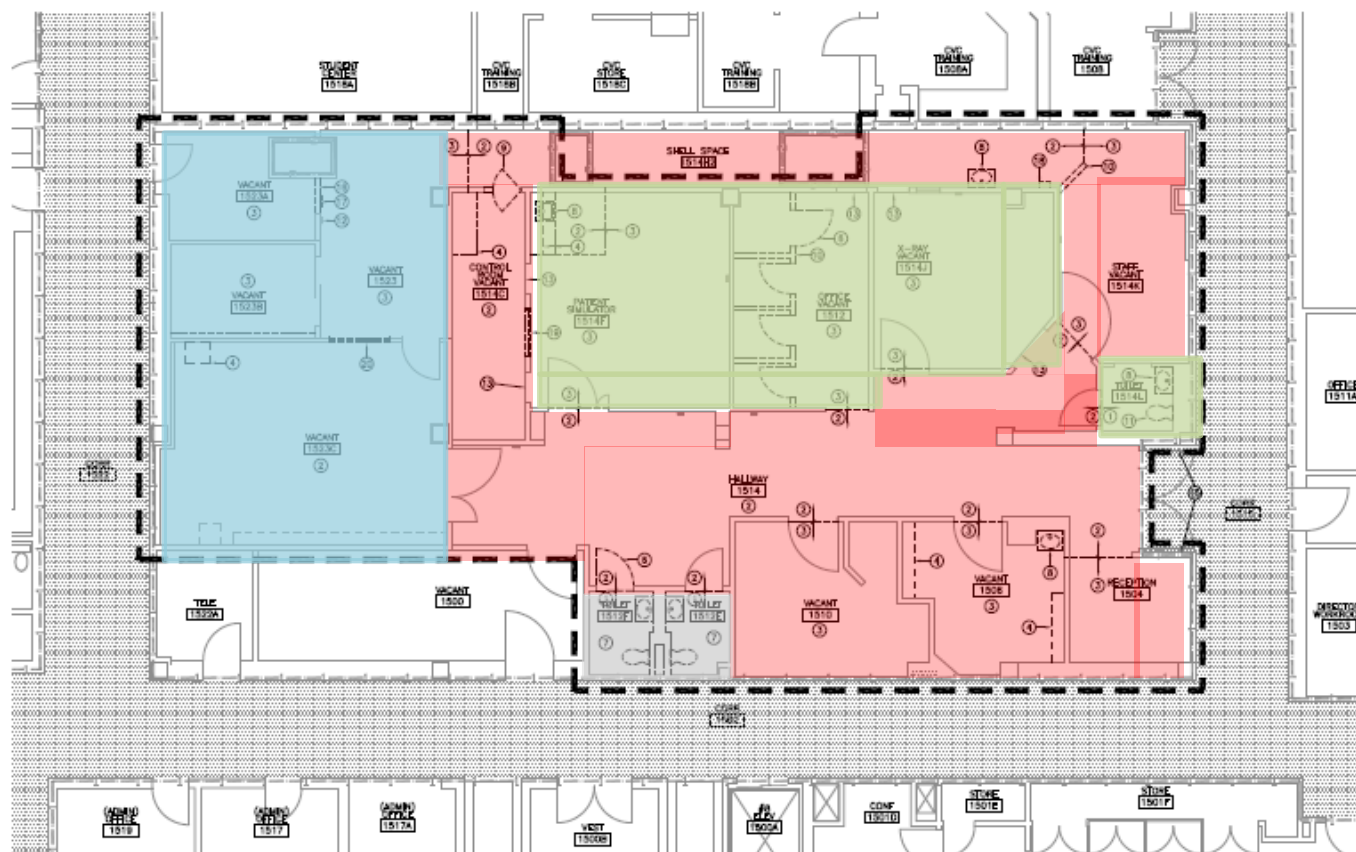
Time: 11 AM/PM**Received by:****Date:**

4/15/21

Time: 11 AM/PM



- Not Accessible
- Non-Asbestos Flooring
- Asbestos Black Mastic
- Asbestos Multi Layer Flooring and Mastics



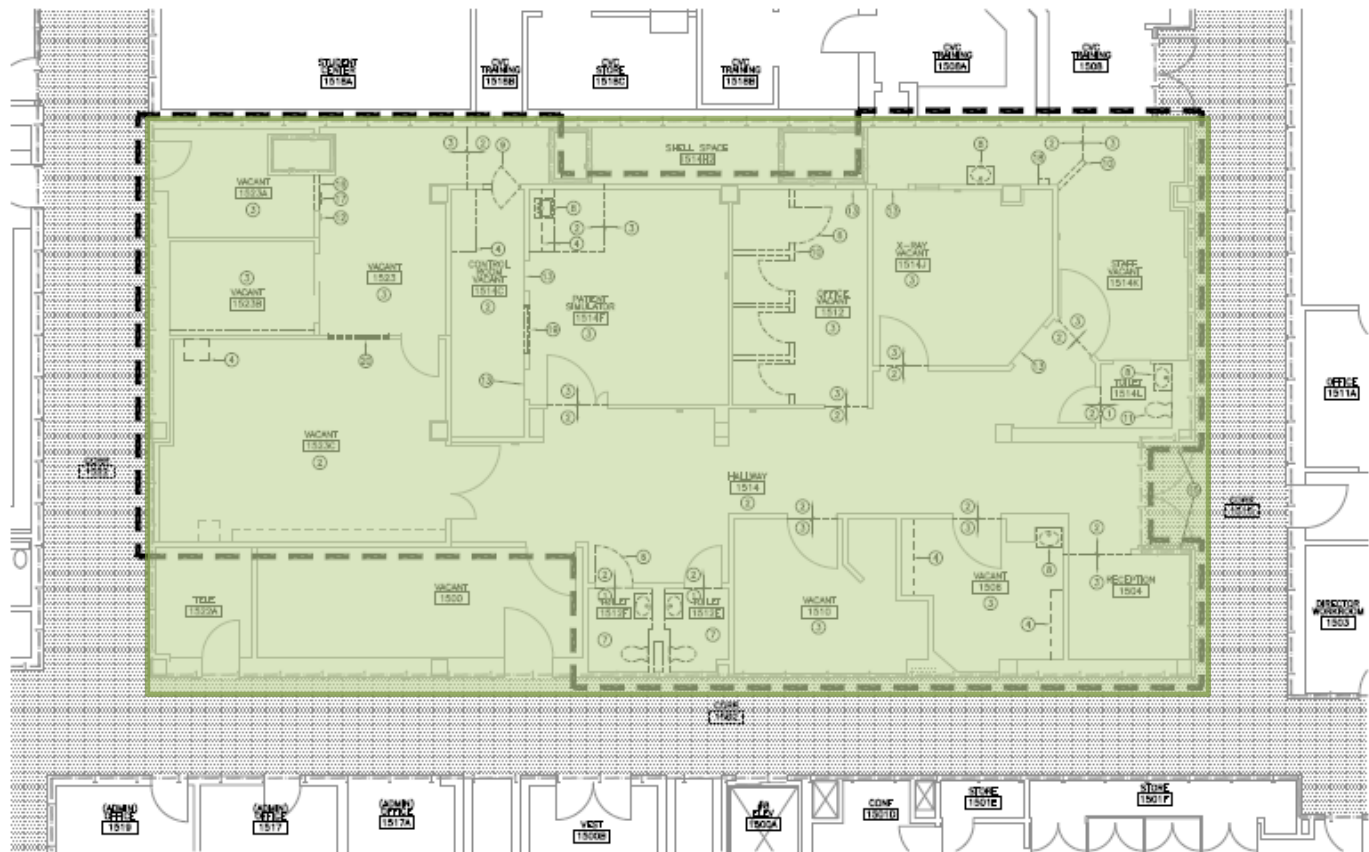
UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
Sacramento, CA

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Flooring Diagram
April 15, 2021
Project Number 21-5772



Asbestos Containing
Fireproofing



UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
Sacramento, CA

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Asbestos Containing Fireproofing
April 15, 2021
Project Number 21-5772

APPENDIX B

LEAD RELATED DOCUMENTS

- Lead in Paint Samples Analysis Report From Microtest
- Bulk Lead Material Analysis Request Form for Entek
- Lead Bulk Sample Location Drawing
- Lead Hazard Evaluation Report (CDPH 8552)

**MicroTest Laboratories, Inc. | AIHA ELPAT #160934**

3110 Gold Canal Dr, Ste. A, Rancho Cordova, CA 95670
PH 916.567.9808 | FX 916.404.0302
www.microtestlabsinc.com | service@microtestlabsinc.com

for office use only

Accession Numbers:

L25934-36

CLIENT INFORMATION

Company Entek Consulting Group, Inc
Name Ryan Metzen
Address 4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Phone 916.632.6800
Email mainoffice@entekgroup.com
rmetzen@entekgroup.com

SAMPLE

Date Thursday, April 15, 2021
Time

MicroTest Laboratories**Analytical Data****JOB SITE INFORMATION**

Sampler Andy Roed
Project 21-5772
Address UCDMC

EPA METHOD 7420

Sample ID	Accession Number	Location	Matrix	Results	Units	Reporting Limits	Notes/Comments
ECG-21-5772-01A	L25934	Clear Glaze on White Ceramic Tile / Restroom 1512	Paint	<0.01	Wt %	0.01%	<100 PPM
ECG-21-5772-02A	L25935	White Paint on Interior Drywall Walls / Room 1514K	Paint	<0.01	Wt %	0.01%	<100 PPM
ECG-21-5772-03A	L25936	White Paint on Interior Drywall Walls / Restroom 1512	Paint	<0.01	Wt %	0.01%	<100 PPM

REPORT

Date Friday, April 16, 2021

Samples Received: 3

Samples Analyzed: 3

Authorized Signatory:

Kelly Favero - Lab Manager

This report applies to the standards and procedures indicated and to the specific samples analyzed. Samples have NOT been corrected for blank values. EPA Method 7000B & EPA Method 7420=EPA 600R/R93/200 Preparation Modified & EPA 7000B & EPA 7420 Analysis Modified.



BULK LEAD MATERIAL Analysis Request

L25934-36

ENTEK CONSULTING GROUP, INC.

4200 ROCKLIN ROAD, SUITE 7

ROCKLIN, CA 95677

(916) 632-6800 PHONE

(916) 632-6812 FAX

mainoffice@entekgroup.com

Date of Sampling: 4-15-2021

Lab: MicroTest

Job Number: 21-5772

Collected by: Andy Roed

Client Name: UCDCMC

Turnaround Time: Standard 5-Day

Site Address: UCDCMC

ANALYSIS REQUESTED: Lead by Flame
Atomic Absorption Spectroscopy

Special Instructions: Please report result in PPM and % by weight. Please email results as soon as possible.

SAMPLE #	MATERIAL DESCRIPTION/LOCATION
ECG-21-5772-01A	Clear Glaze on White Ceramic tile / Restroom 1512
ECG-21-5772-02A	White Paint on Interior Drywall Walls / Room 1514K
ECG-21-5772-03A	White Paint on Interior Drywall Walls / Restroom 1512

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Delivered by:

Michael Jett

Date:

4/15/2021

Time:

1109 AM/PM

Received by:

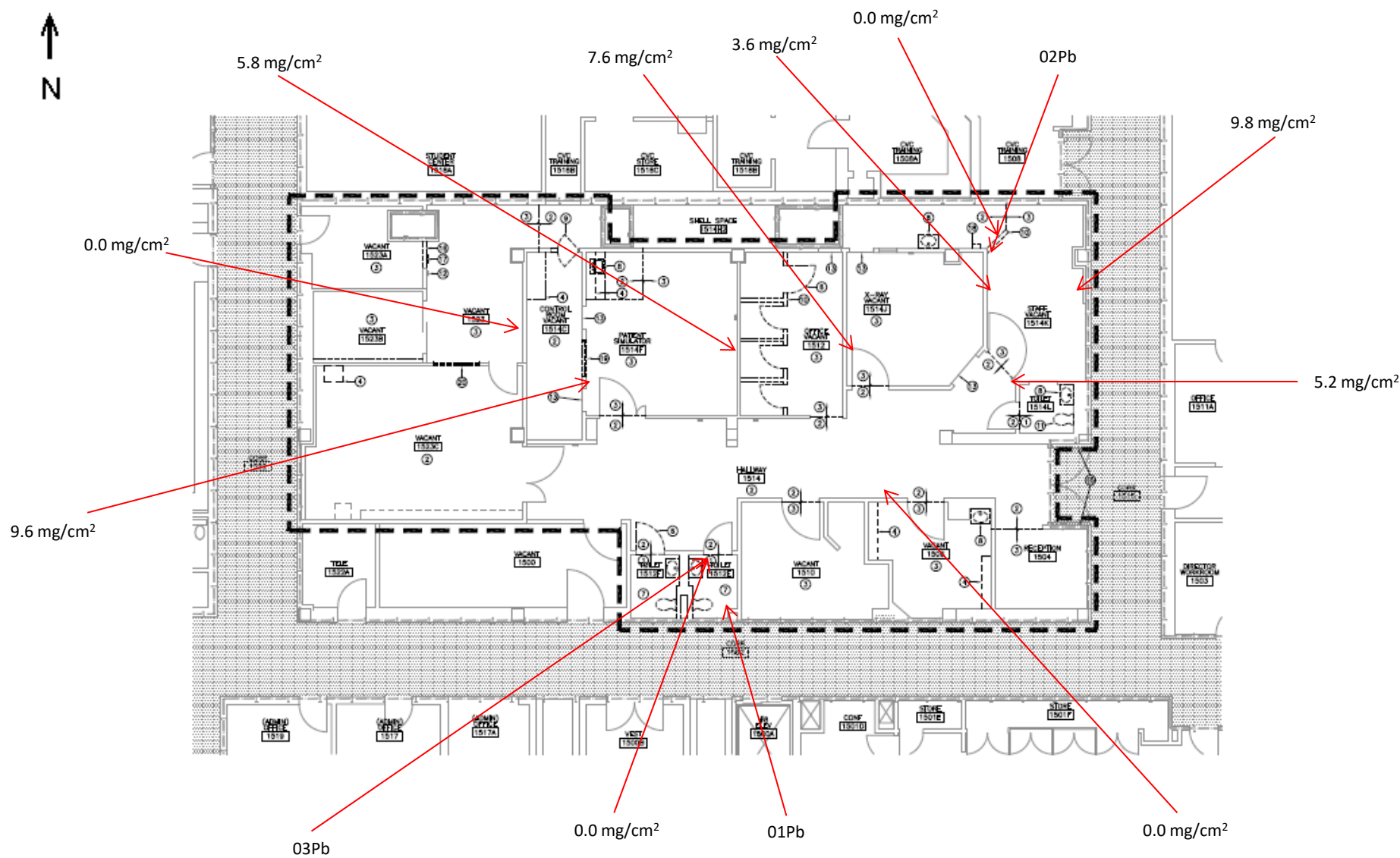
MR

Date:

4/15/21

Time:

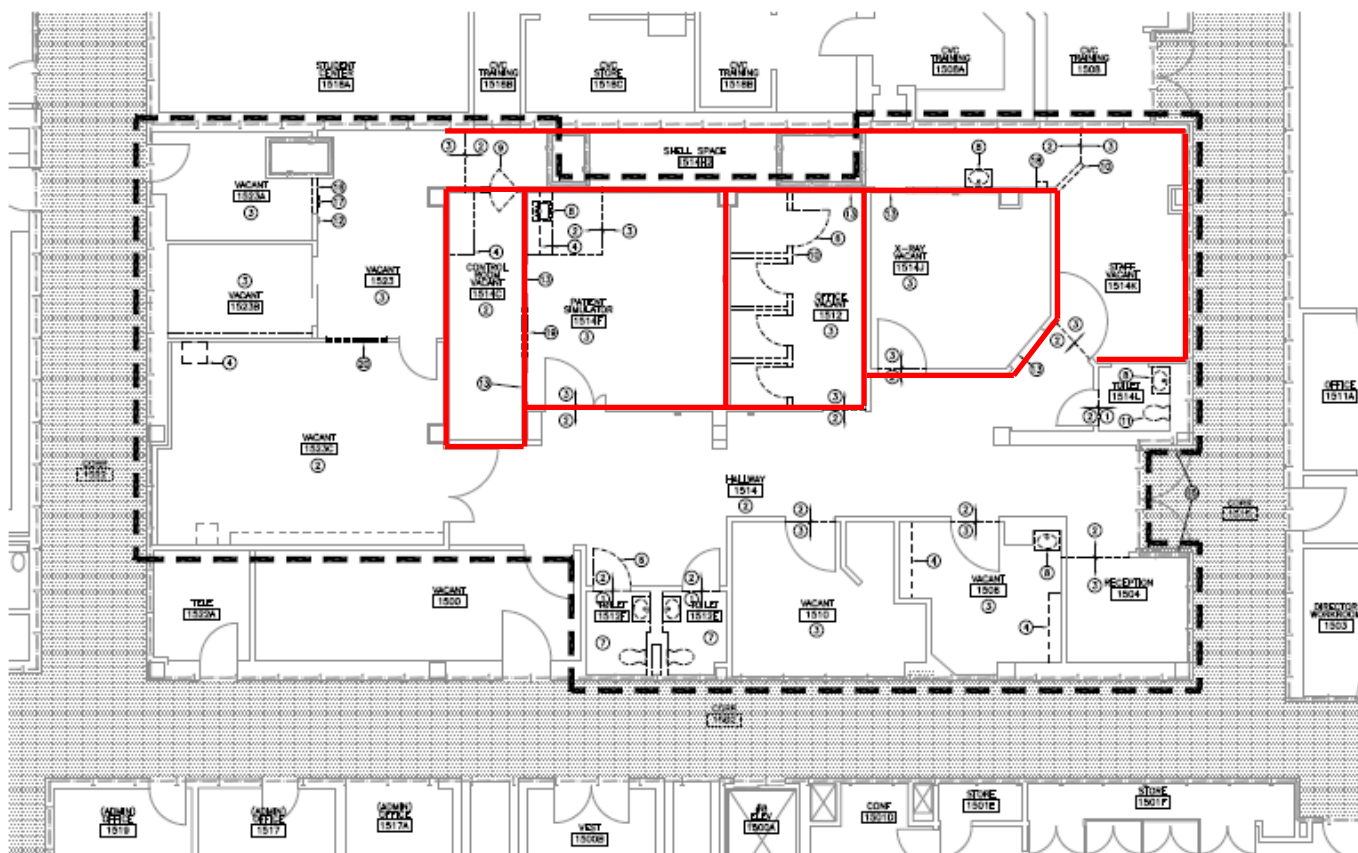
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UC Davis Medical Center
MAIN HOSP #1514 PFT Relocation 2020
Sacramento, CA

Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Lead Bulk Sample Locations
Collected by Andy Roed
On April 15, 2021
Project Number 21-5772



Entek Consulting Group, Inc.
4200 Rocklin Road, Suite 7
Rocklin, CA 95677
Map Not to Scale

Potential Lead Lined Walls
Collected by Andy Roed
On April 15, 2021
Project Number 21-5772

APPENDIX C

BACK UP DOCUMENTATION

- Inspector Accreditations and Certifications
- Laboratory Accreditations for Asbestos and Lead Analysis

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Andrew R Roed

Name



Certification No. **16-5695**

Expires on **08/17/21**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Andrew Roed

CERTIFICATE TYPE:

Lead Inspector/Assessor

NUMBER:

LRC-00002989

EXPIRATION DATE:

9/11/2021

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101442-0

ASBESTECH
Rancho Cordova, CA

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2020-12-01 through 2021-06-30

Effective Dates



Dana S. Laman
For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ASBESTECH

11151 Sun Center Drive, Suite B

Rancho Cordova, CA 95670

Mr. Tommy Conlon

Phone: 916-481-8902 Fax: 916-481-3975

Email: asbestech@sbcglobal.net

<http://www.asbestechlab.com>

ASBESTOS FIBER ANALYSIS

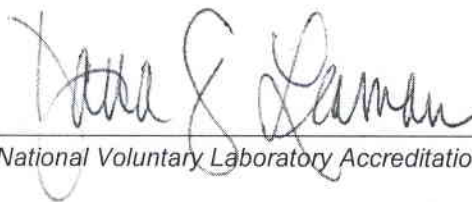
NVLAP LAB CODE 101442-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

MicroTest Laboratories, Inc.

3110 Gold Canal Drive
Rancho Cordova, CA 95670

Scope of the certificate is limited to the
"Fields of Testing"
which accompany this Certificate.

Continued accredited status depends on successful completion of on-site inspection,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2974**

Expiration Date: **6/30/2022**

Effective Date: **7/1/2020**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Accredited Fields of Testing**



MicroTest Laboratories, Inc.

3110 Gold Canal Drive
Rancho Cordova, CA 95670
Phone: 9165679808

Certificate No. 2974
Expiration Date 6/30/2022

Field of Testing: 114 - Inorganic Chemistry of Hazardous Waste

114.130 001	Lead	EPA 7420
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Field of Testing: 115 - Extraction Test of Hazardous Waste

115.020 001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311 (TCLP)
115.030 001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II

Field of Testing: 121 - Bulk Asbestos Analysis of Hazardous Waste

121.010 001	Bulk Asbestos	EPA 600/M4-82-020
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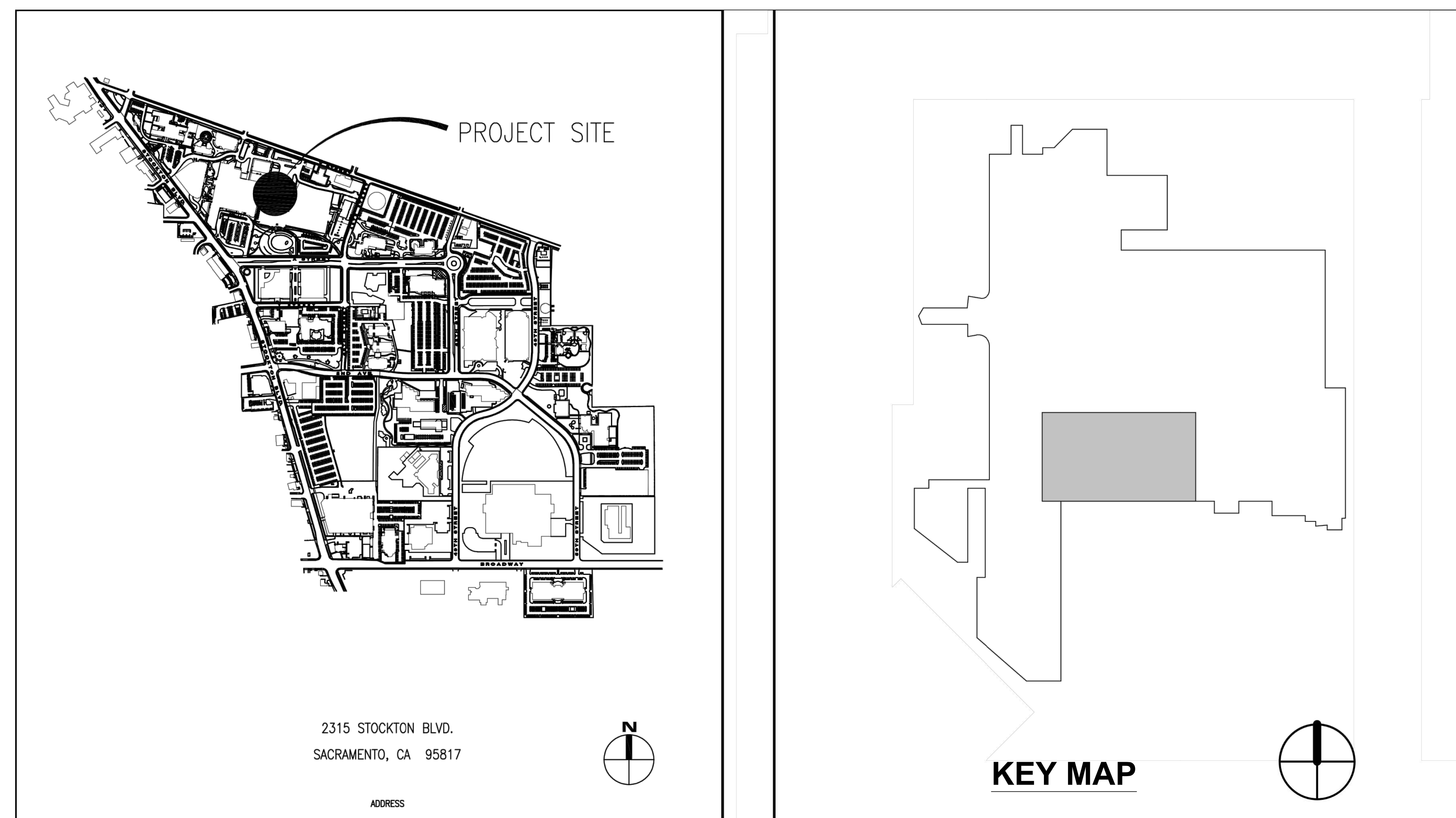
UTILITY ELEVATION SURVEY

FOR 1514 HOSPITAL STORAGE

EAST WING - FIRST FLOOR

UC DAVIS HEALTH

THIS DOCUMENT IS INCLUDED TO BETTER DEFINE THE EXISTING CONDITIONS WITHIN THE BOUNDARIES OF THE PROJECT. THE INTENT IS TO ASSIST THE CONTRACTOR IN UNDERSTANDING AND QUANTIFYING THE EXISTING CONDITIONS IN PREPARATION FOR EFFORTS REQUIRED TO CONSTRUCT THE HCAI APPROVED DOCUMENTS.

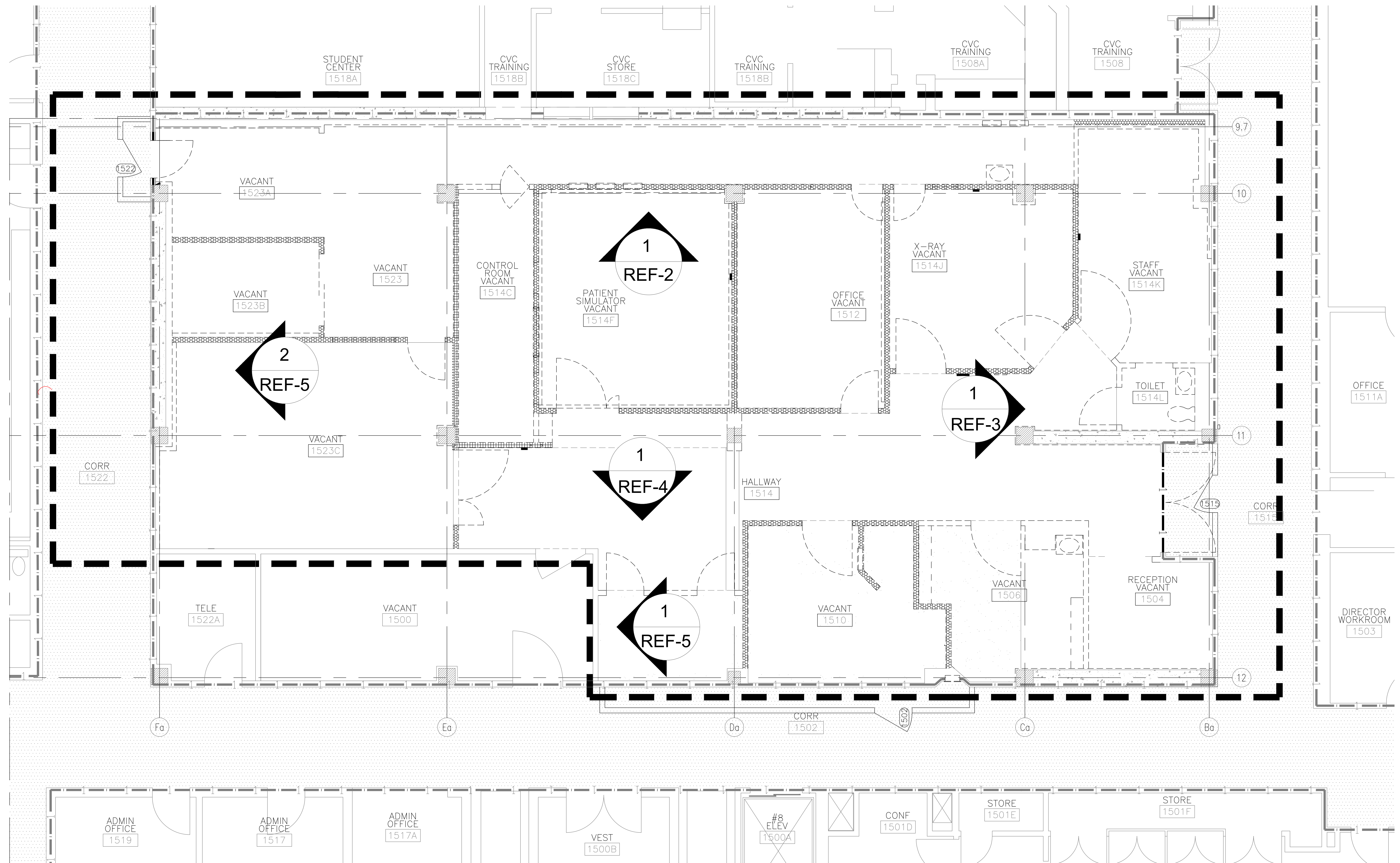


09/26/2023

UC DAVIS HEALTH
1514 HOSPITAL STORAGE
ELEVATIONS

REF-0

TITLE SHEET



REFERENCE PLAN VIEW

SCALE: $\frac{3}{8}$ " = 1'

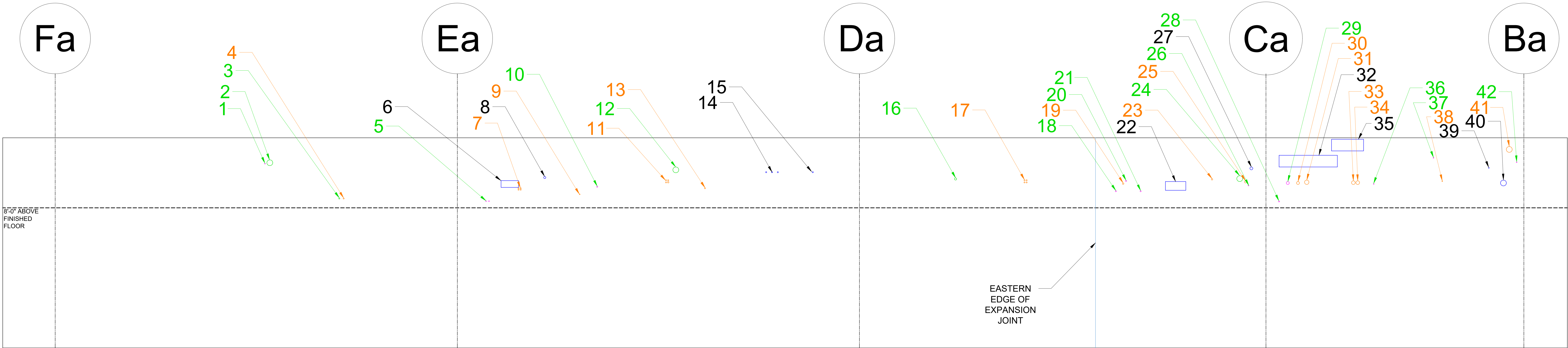
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UC DAVIS HEALTH
1514 HOSPITAL STORAGE
ELEVATIONS

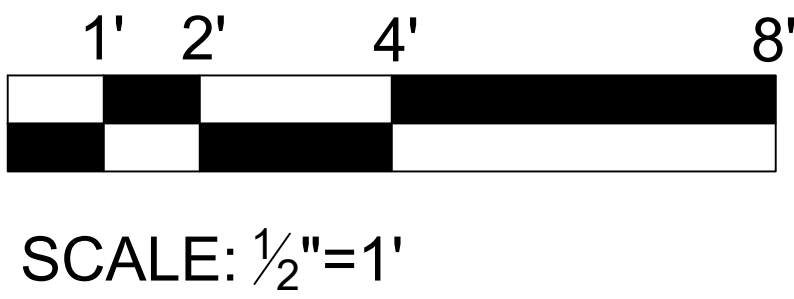
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PLAN VIEW

- KEY
- SUPPORT CONDUIT
 - DEMOLISH - REMOVE CONDUIT
 - OTHER UTILITIES (MECHANICAL, PLUMBING, AND FIRE PROTECTION)

- GENERAL NOTES
- THE ELEVATIONS PROVIDED HEREIN IDENTIFY UTILITIES ENTERING THE SPACE. CONDUITS HAVE BEEN IDENTIFIED AND COLOR CODED BASED ON THE WORK NECESSARY FOR THAT CONDUIT.
 - REMOVE CONDUIT IDENTIFIED TO BE DEMOLISHED. WHERE DEMOLITION IS NOTED TO OCCUR, CONTRACTOR SHALL IDENTIFY ENERGIZED CIRCUITS AND SAFE OFF. REMOVE CONDUIT, WIRE, HANGERS, ATTACHMENTS, AND ALL OTHER RELATED MATERIALS. WORK TO BE PERFORMED PER THE APPROVED DOCUMENTS AND UCDH PROTOCOLS.
 - CONDUCT ADDITIONAL INVESTIGATION ON THE PATH AND CURRENT USE OF CONDUITS THAT ARE IDENTIFIED AS NEEDING MORE INVESTIGATION. CONTRACTOR TO DEMOLISH OR PROVIDE SUPPORT FOR THESE CONDUITS BASED ON THE RESULTS OF THIS ADDITIONAL INVESTIGATION.



1 NORTH ELEVATION



- | | | |
|--------------------------------|----------------------------|----------------------------|
| 1. 1/2" CONDUIT | 15. 3/4" VACUUM | 29. 2" CONDUIT |
| 2. 4" PNEUMATIC TUBE | 16. 1 1/2" CONDUIT | 30. 2" CONDUIT |
| 3. 3/4" CONDUIT | 17. (4) 1/2" CONDUITS | 31. 3" CONDUIT |
| 4. 3/4" CONDUIT | 18. 3/4" BUNDLE COMM LINES | 32. 40"X8" DUCT |
| 5. (2) 1/2" CONDUITS | 19. 1" CONDUIT | 33. 2 1/2" CONDUIT |
| 6. 12" WIDE DUCT | 20. 3/4" CONDUIT | 34. 2 1/2" CONDUIT |
| 7. (4) 3/4" CONDUITS | 21. 3/4" CONDUIT | 35. 18"X10" DUCT |
| 8. 1 1/2" SPRINKLER PIPE | 22. 14"X6" DUCT | 36. (2) 1/4" TUBING |
| 9. 1/2" CONDUIT | 23. 1" CONDUIT | 37. COMM WIRE |
| 10. 3/4" CONDUIT | 24. 4" CONDUIT | 38. 1/2" CONDUIT |
| 11. (3) 3/4" & (1) 1" CONDUITS | 25. 1 1/2" CONDUIT | 39. (2) 1/2" FLEX CONDUITS |
| 12. 4" PNEUMATIC TUBE | 26. 1/2" CONDUIT | 40. 4" SPRINKLER PIPE |
| 13. 3/4" CONDUIT | 27. 2" PLUMBING PIPE | 41. 4" CONDUIT |
| 14. (3) 3/4" DOMESTIC WATER | 28. 3/4" CONDUIT | 42. 1/2" CONDUIT |

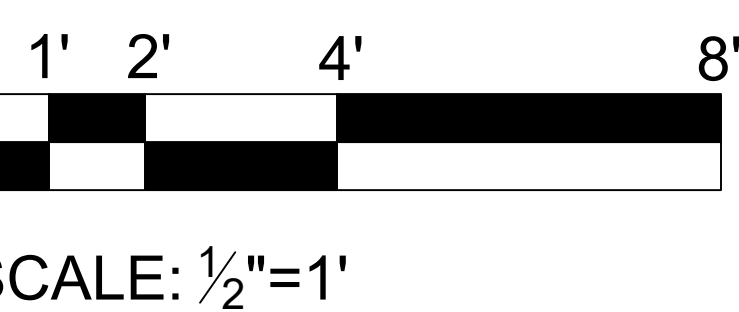
09/26/2023

UC DAVIS HEALTH
1514 HOSPITAL STORAGE
ELEVATIONS

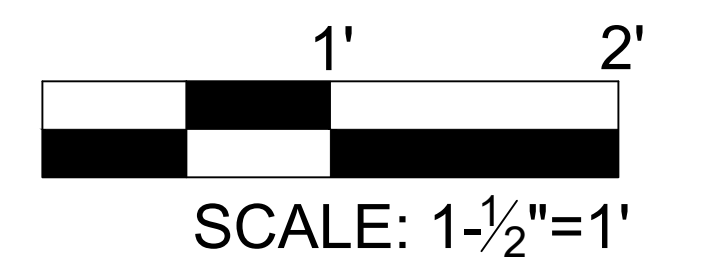
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NORTH ELEVATION

- **SUPPORT CONDUIT**
- **DEMOLISH - REMOVE CONDUIT**
- **OTHER UTILITIES (MECHANICAL, PLUMBING, AND FIRE PROTECTION)**

1. THE ELEVATIONS PROVIDED HEREIN IDENTIFY UTILITIES ENTERING THE SPACE. CONDUITS HAVE BEEN IDENTIFIED AND COLOR CODED BASED ON THE WORK NECESSARY FOR THAT CONDUIT.
2. REMOVE CONDUIT IDENTIFIED TO BE DEMOLISHED. WHERE DEMOLITION IS NOTED TO OCCUR, CONTRACTOR SHALL IDENTIFY ENERGIZED CIRCUITS AND SAFE OFF. REMOVE CONDUIT, WIRE, HANGERS, ATTACHMENTS, AND ALL OTHER RELATED MATERIALS. WORK TO BE PERFORMED PER THE APPROVED DOCUMENTS AND UCDH PROTOCOLS.
3. CONDUCT ADDITIONAL INVESTIGATION ON THE PATH AND CURRENT USE OF CONDUITS THAT ARE IDENTIFIED AS NEEDING MORE INVESTIGATION. CONTRACTOR TO DEMOLISH OR PROVIDE SUPPORT FOR THESE CONDUITS BASED ON THE RESULTS OF THIS ADDITIONAL INVESTIGATION.



1 EAST ELEVATION



2 ENLARGED

- | | | | |
|-----------------------|---|----------------------------------|------------------------|
| 1. 3" CONDUIT | 16. 1/2" CONDUIT | 28. 1/2" CONDUIT | 43. 1/2" CONDUIT |
| 2. 2" CONDUIT | 17. 1" CONDUIT | 29. 1" SLEEVE WITH WIRES | 44. 12"X10" DUCT |
| 3. 2" CONDUIT | 18. 3/4" CONDUIT | 30. (1) 1/2" & (1) 3/4" CONDUITS | 45. 1/2" CONDUIT |
| 4. 3/4" PLUMBING | 19. 3/4" CONDUIT | 31. (2) 3/4" CONDUITS | 46. 12"X10" DUCT |
| 5. 2" CONDUIT | 20. 3/4" CONDUIT | 32. 1" CONDUIT | 47. 3/4" CONDUIT |
| 6. 3/4" PLUMBING | 21. 3/4" CONDUIT | 33. (2) 1/2" CONDUITS | 48. 1/2" CONDUIT |
| 7. 1" CONDUIT | 22. 2" SPRINKLER PIPE | 34. (3) 1/2" CONDUITS | 49. (15) <=1" CONDUITS |
| 8. 1" CONDUIT | 23. 1" CONDUIT | 35. 1/2" CONDUIT | 50. (6) <=1" CONDUITS |
| 9. 3/4" CONDUIT | 24. 12"X12" DUCT | 36. 2" SPRINKLER PIPE | 51. (2) 2" CONDUITS |
| 10. 1 1/2" CONDUIT | 25. DENSE AREA OF SMALL
CONDUITS. SEE
ENLARGED VIEW 2 &
NOTES 49-51. | 37. (2) 3/4" CONDUITS | |
| 11. 3/4" CONDUIT | | 38. 2" CONDUIT | |
| 12. 1" CONDUIT | | 39. 1 1/2" CONDUIT | |
| 13. 3/4" CONDUIT | | 40. 1" GAS PIPE | |
| 14. 3" SPRINKLER PIPE | 26. 1" CONDUIT | 41. 3/4" GAS PIPE | |
| 15. 18"X12" DUCT | 27. 1" CONDUIT | 42. 3/4" CONDUIT | |
- UC DAVIS HEALTH
1514 HOSPITAL ST
ELEVATIONS

REF-

09/26/2023

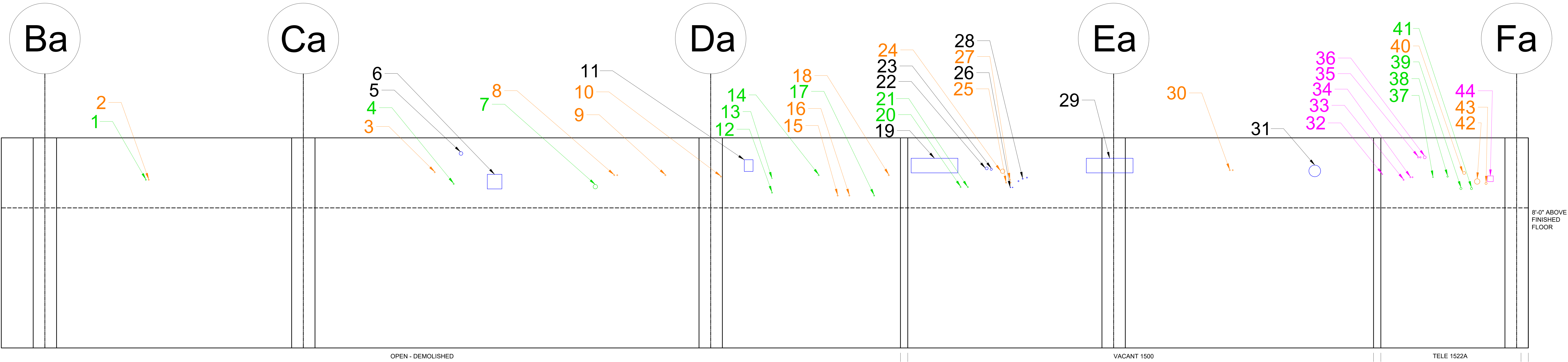
UC DAVIS HEALTH
1514 HOSPITAL STORAGE
ELEVATIONS

REF-3

EAST ELEVATION

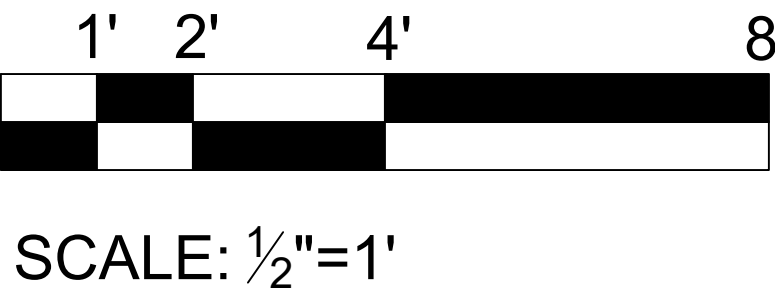
- KEY
- SUPPORT CONDUIT
 - DEMOLISH - REMOVE CONDUIT
 - INCLUDE MATERIALS AND LABOR TO DEMOLISH OR SUPPORT CONDUITS.
 - OTHER UTILITIES (MECHANICAL, PLUMBING, AND FIRE PROTECTION)

- GENERAL NOTES
- THE ELEVATIONS PROVIDED HEREIN IDENTIFY UTILITIES ENTERING THE SPACE. CONDUITS HAVE BEEN IDENTIFIED AND COLOR CODED BASED ON THE WORK NECESSARY FOR THAT CONDUIT.
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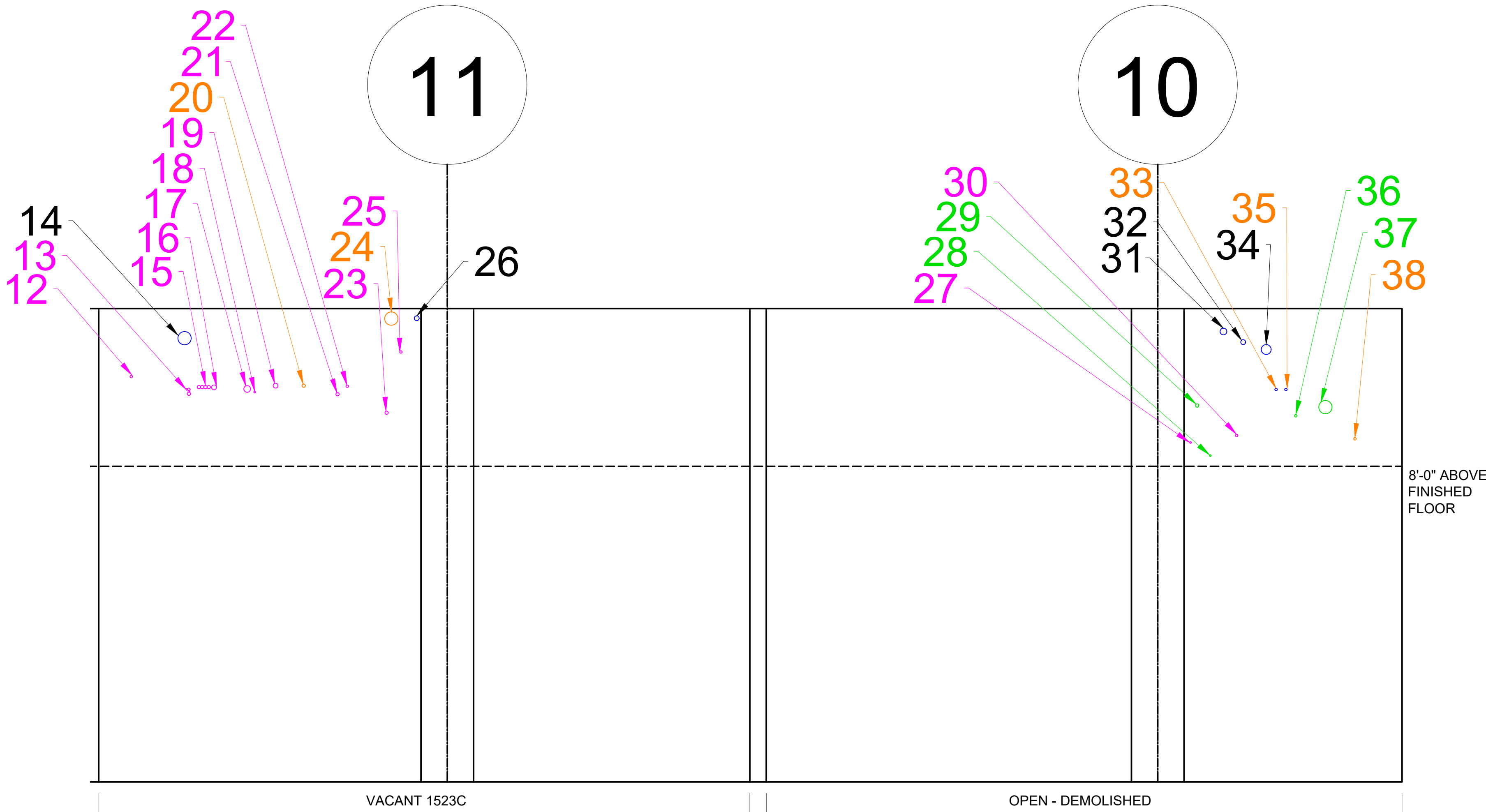
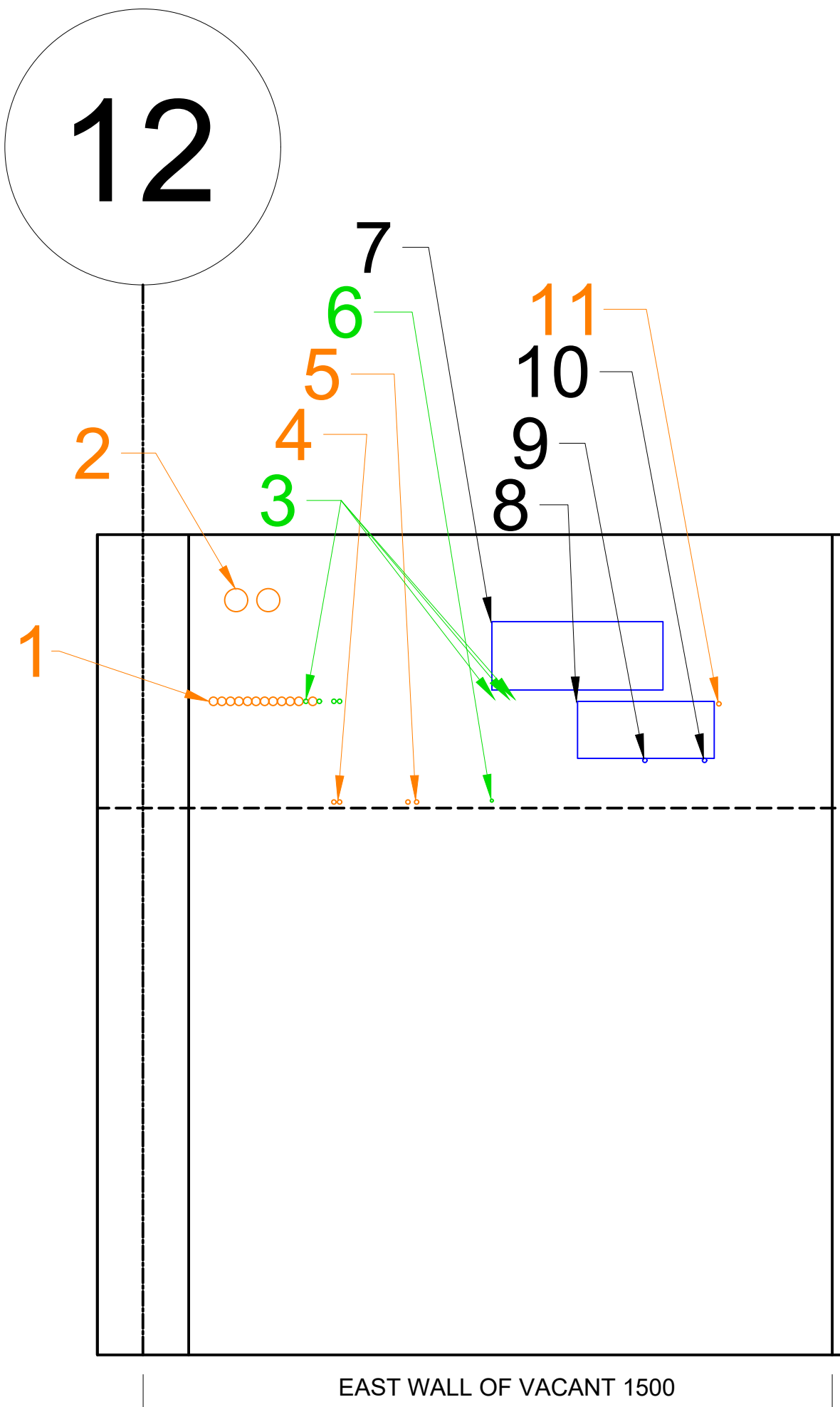
1 SOUTH ELEVATION

- | | | |
|-------------------------------------|---|---|
| 1. $\frac{3}{4}$ " CONDUIT | 18. $\frac{3}{4}$ " CONDUIT | 34. (2) $\frac{3}{4}$ " CONDUITS |
| 2. $\frac{3}{4}$ " CONDUIT | 19. 32"X10" DUCT | 35. (2) 1" CONDUITS |
| 3. $\frac{3}{4}$ " CONDUIT | 20. $\frac{3}{4}$ " CONDUIT | 36. 2" SLEEVE WITH BUNDLE OF WIRES |
| 4. $\frac{3}{4}$ " CONDUIT | 21. $\frac{3}{4}$ " CONDUIT | 37. $\frac{1}{2}$ " CONDUIT |
| 5. 2 $\frac{1}{2}$ " SPRINKLER PIPE | 22. 2" SPRINKLER PIPE | 38. 1" CONDUIT |
| 6. 10X10 DUCT | 23. 1 $\frac{1}{2}$ " GAS PIPE | 39. 1 $\frac{1}{2}$ " CONDUIT |
| 7. 3" CONDUIT | 24. 3" CONDUIT | 40. 2" CONDUIT |
| 8. (2) $\frac{3}{4}$ " CONDUIT | 25. $\frac{3}{4}$ " CONDUIT | 41. 1 $\frac{1}{2}$ " CONDUIT |
| 9. $\frac{3}{4}$ " CONDUIT | 26. (2) $\frac{1}{2}$ " CONDUITS | 42. 3" CONDUIT |
| 10. $\frac{3}{4}$ " CONDUIT | 27. (2) $\frac{3}{4}$ " CONDUITS | 43. 1 $\frac{1}{2}$ " CONDUIT |
| 11. 6"X8" DUCT | 28. (3) $\frac{3}{4}$ " GAS PIPES - OXYGEN, AIR, VACUUM | 44. 4"X4" CABLE DUCT WITH BUNDLE OF WIRES |
| 12. $\frac{3}{4}$ " CONDUIT | 29. 32"X10" DUCT | |
| 13. $\frac{1}{4}$ " TUBING | 30. (2) $\frac{3}{4}$ " CONDUITS | |
| 14. $\frac{3}{4}$ " CONDUIT | 31. 8" DUCT | |
| 15. $\frac{3}{4}$ " CONDUIT | 32. $\frac{1}{2}$ " CONDUIT | |
| 16. $\frac{3}{4}$ " CONDUIT | 33. $\frac{3}{4}$ " CONDUIT | |
| 17. $\frac{3}{4}$ " CONDUIT | | |



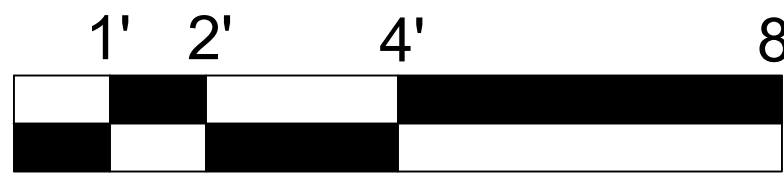
- KEY
- SUPPORT CONDUIT
 - DEMOLISH - REMOVE CONDUIT
 - INCLUDE MATERIALS AND LABOR TO DEMOLISH OR SUPPORT CONDUITS.
 - OTHER UTILITIES (MECHANICAL, PLUMBING, AND FIRE PROTECTION)

- GENERAL NOTES
- THE ELEVATIONS PROVIDED HEREIN IDENTIFY UTILITIES ENTERING THE SPACE. CONDUITS HAVE BEEN IDENTIFIED AND COLOR CODED BASED ON THE WORK NECESSARY FOR THAT CONDUIT.
 - REMOVE CONDUIT IDENTIFIED TO BE DEMOLISHED. WHERE DEMOLITION IS NOTED TO OCCUR, CONTRACTOR SHALL IDENTIFY ENERGIZED CIRCUITS AND SAFE OFF. REMOVE CONDUIT, WIRE, HANGERS, ATTACHMENTS, AND ALL OTHER RELATED MATERIALS. WORK TO BE PERFORMED PER THE APPROVED DOCUMENTS AND UCDH PROTOCOLS.
 - CONDUCT ADDITIONAL INVESTIGATION ON THE PATH AND CURRENT USE OF CONDUITS THAT ARE IDENTIFIED AS NEEDING MORE INVESTIGATION. CONTRACTOR TO DEMOLISH OR PROVIDE SUPPORT FOR THESE CONDUITS BASED ON THE RESULTS OF THIS ADDITIONAL INVESTIGATION.



1 WEST ELEVATION - AT VACANT 1500

2 WEST ELEVATION - Fa LINE



SCALE: 1/2"=1'

- (12) 1 1/2" CONDUITS
- (2) 4" CONDUITS
- (4) 3/4" CONDUITS
- (2) 3/4" CONDUITS
- (2) 3/4" CONDUITS
- 1/2" CONDUIT
- 30"X12" DUCT
- 24"X10" DUCT
- 3/4" GAS PIPE
- 3/4" GAS PIPE
- 3/4" CONDUIT
- 3/4" CONDUIT
- (1) 1" CONDUIT, (1) 3/4" CONDUIT, & (2) 1/2" CONDUITS
- 4" SPRINKLER

- (4) 1" CONDUITS
- 1 1/2" CONDUIT
- 2" CONDUIT
- 1/2" CONDUIT
- 1 1/2" CONDUIT
- 1" CONDUIT
- 1" CONDUIT
- 3/4" CONDUIT
- 1" CONDUIT
- 4" CONDUIT
- 3/4" CONDUIT
- 1 1/2" FLEXIBLE TUBING
- 1/2" CONDUIT
- 1/2" CONDUIT
- 1" CONDUIT

- 3/4" CONDUIT COM SLEEVE
- 2" GAS PIPE
- 1 1/2" SPRINKLER
- 3/4" FIRE ALARM CONDUIT
- 3" PLUMBING PIPE
- 3/4" FIRE ALARM CONDUIT
- 3/4" CONDUIT
- 4" PNEUMATIC TUBE
- 3/4" CONDUIT

09/26/2023

UC DAVIS HEALTH
1514 HOSPITAL STORAGE
ELEVATIONS

REF-5
WEST ELEVATION

BID FORM

**FOR: PROJECT NO. 9557380
UCDH EAST WING #1514 HOSPITAL STORAGE
UNIVERSITY OF CALIFORNIA
UC DAVIS HEALTH
SACRAMENTO, CALIFORNIA**

BID TO: Facilities Design and Construction
4800 2nd Avenue, Suite 3010
Sacramento, CA 95817
Telephone: 916-734-7024

BID FROM:

(Name of Bidder)

(Address)

_____, _____

(City) (State)

(Zip Code)

(Telephone Number) (Fax Number) (Email Address)

(Date Bid Submitted)

NOTE: ALL PORTIONS OF THIS BID FORM MUST BE COMPLETED AND THE BID FORM MUST BE SIGNED BEFORE THE BID IS SUBMITTED. FAILURE TO DO SO WILL RESULT IN THE BID BEING REJECTED AS NON-RESPONSIVE.

1.0 BIDDER'S REPRESENTATIONS

Bidder, represents that a) Bidder and all Subcontractors, regardless of tier, has the appropriate current and active Contractor's licenses required by the State of California and the Bidding Documents; b) it has carefully read and examined the Bidding Documents for the proposed Work on this Project; c) it has examined the site of the proposed Work and all Information Available to Bidders; d) it has become familiar with all the conditions related to the proposed Work, including the availability of labor, materials, and equipment; e) Bidder and all Subcontractors, regardless of tier, are currently registered with the California Department of Industrial Relations pursuant to California Labor Code Section 1725.5 and 1771.1. Bidder hereby offers to furnish all labor, materials, equipment, tools, transportation, and services necessary to complete the proposed Work on this Project in accordance with the Contract Documents for the sums quoted. Bidder further agrees that it will not withdraw its Bid within **sixty (60)** days after the Bid Deadline, and that, if it is selected as the apparent lowest responsive and responsible Bidder, that it will, within 10 days after receipt of notice of selection, sign and deliver to University the Agreement in triplicate and furnish to University all items required by the Bidding Documents. If awarded the Contract, Bidder agrees to complete the proposed Work within **two-hundred fifty-six (256)** days after the date of commencement specified in the Notice to Proceed.

2.0 ADDENDA

Bidder acknowledges that it is Bidder's responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda from University's Facility at the appropriate address stated on Page 1 of this Bid Form. Bidder therefore agrees to be bound by all Addenda that have been issued for this Bid.

3.0 NOT USED

4.0 LUMP SUM BASE BID

\$

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(Place figures in appropriate boxes)

5.0 SELECTION OF APPARENT LOW BIDDER

Refer to the Instructions to Bidders for selection of apparent low bidder.

6.0 UNIT PRICES – NOT USED

7.0 DAILY RATE OF COMPENSATION FOR COMPENSABLE DELAYS

Bidder shall determine and provide below the daily rate of compensation for any Compensable Delay caused by University at any time during the performance of the Work.

\$

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 X 30 (multiplier)
(Place figures in appropriate boxes)

Failure to fill in a dollar figure for the daily rate for Compensable Delay shall render the bid non-responsive. University will perform the extension of the daily rate times the multiplier.

The daily rate shown above will be the total amount of Contractor entitlement for each day of Compensable Delay caused by University at any time during the performance of the Work and shall constitute payment in full for all delay costs, direct or indirect, of the CM/Contractor and all subcontractors, suppliers, persons and entities under CM/Contractor on the Project, including without limitation all subcontractors added by Contract Amendment. The number of days of Compensable Delay shown as a "multiplier" above is not intended as an estimate of the number of days of compensable delay anticipated by the University. The University will pay the daily rate of compensation only for the actual number of days of Compensable Delay, as defined in the General Conditions; the actual number of days of compensable delay may be greater or lesser than the "multiplier" shown above.

8.0 ALTERNATES – NOT USED

9.0 LIST OF SUBCONTRACTORS

Bidder will use Subcontractors for the Work: Yes _____ No _____

If "yes", provide in the spaces below (a) the name, the location of the place of business, and the California contractor license number of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement, or a subcontractor licensed by the state of California who, under subcontract to the prime contractor, specifically fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of ½ of 1% of the prime contractor's total bid, (b) the portion of the work which will be done by each subcontractor. The prime contractor shall list only one subcontractor for each such portion as is defined by the prime contractor in its bid.

PORTION OF THE WORK ACTIVITY (E.G. ELECTRICAL, MECHANICAL, CONCRETE)	SUBCONTRACTOR					
	NAME OF BUSINESS	LOCATION OF BUSINESS (CITY)	LICENSE NO.	AMOUNT OF SUBCONTRACT	DIR REGISTRATION NO.	BUSINESS CATEGORY (CHECK ALL THAT APPLY)
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
						<input type="checkbox"/> SBE <input type="checkbox"/> DVBE
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(Note: Add additional pages if required.)

Total percentage of bid amount to be performed by SBEs and DVBEs: _____

10.0 BIDDER INFORMATION

TYPE OF ORGANIZATION: _____
(Corporation, Partnership, Individual, Joint Venture, etc.)

IF A CORPORATION, THE CORPORATION IS ORGANIZED UNDER THE LAWS OF:

THE STATE OF _____
(State)

NAME OF PRESIDENT OF THE CORPORATION: _____
(Insert Name)

NAME OF SECRETARY OF THE CORPORATION: _____
(Insert Name)

IF A PARTNERSHIP, NAMES OF ALL GENERAL PARTNERS:

(Insert Names)

CALIFORNIA CONTRACTORS LICENSE(S):

(Classification) (License Number) (Expiration Date)
(For Joint Venture, list Joint Venture's license and licenses for all Joint Venture partners.)

DEPARTMENT OF INDUSTRIAL RELATIONS:

(Registration No.) (Expiration Date)

11.0 REQUIRED COMPLETED ATTACHMENTS

The following documents are submitted with and made a condition of this Bid:

1. Bid Security in the form of _____
(Bid Bond or Certified Check)
2. Qualification Questionnaire

12.0 DECLARATION

I, _____ hereby declare that I am the _____
(Printed Name) (Title)

of _____ submitting this Bid Form; that I am duly authorized to execute
(Name of Bidder)

this Bid Form on behalf of Bidder; and that all information set forth in this Bid Form and all attachments hereto are, to the best of my knowledge, true, accurate, and complete as of its submission date.

I further declare that this bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not

pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I declare, under penalty of perjury, that the foregoing is true and correct and that this declaration was executed at:

_____ (Name of City if within a City, otherwise Name of County), in the State

of _____, on _____.

(State)

(Date)

(Signature)

[End]



Facilities Planning and
Development Division

CONTRACTOR QUALIFICATION QUESTIONNAIRE
FOR

PROJECT NO. 9557380
UCDH EAST WING #1514
HOSPITAL STORAGE

HCAI NO.: S211061-34-00

GENERAL CONSTRUCTION

FACILITIES PLANNING AND DEVELOPMENT DIVISION
UC DAVIS HEALTH

OCTOBER 2023

CONTRACTOR QUALIFICATION QUESTIONNAIRE

FOR

PROJECT NO. 9557380
UCDH EAST WING #1514
HOSPITAL STORAGE

HCAI NO.: S211061-34-00

FACILITIES PLANNING AND DEVELOPMENT
UC DAVIS HEALTH
SACRAMENTO, CALIFORNIA

Each prospective bidder must have the appropriate contractor's license required by the State of California, must be registered with the Department of Industrial Relations (DIR), and must complete and submit all portions of this Qualification Questionnaire.

Each prospective bidder must answer all applicable questions and provide all requested information. Any prospective bidder failing to do so may, at the sole discretion of the University of California, be deemed to be not responsive and not responsible with respect to this qualification, and its bid rejected.

The undersigned declares under penalty of perjury that the qualification information submitted with this form is correct, complete and not misleading and that this declaration was executed.

in _____ County, California, on _____

(Bidder Name)

(Name and Title of Bidder's Contact Person for Questions)

(Address)

(City, State, Zip Code)

(Telephone Number)

(Fax Number)

(Email Address)

(Signature)

(Typed Name and Title)

NOTICE

ANY BIDDER WHO FAILS TO MEET THE CRITERIA LISTED IN THIS QUALIFICATION QUESTIONNAIRE WILL NOT BE CONSIDERED QUALIFIED AND WILL BE DEEMED AS NOT RESPONSIVE WITH RESPECT TO THIS QUALIFICATION, AND ITS BID REJECTED.

All information submitted in response to this Qualification Questionnaire will be considered official information acquired in confidence, and the University of California will maintain its confidentiality to the extent permitted by law. Any prospective bidder found not qualified will receive written notice of bid rejection from the University. A prospective bidder found not qualified may file a Bid protest (limited to the rejection) within three (3) business days of receipt of the University's written rejection. Refer to Article 7 of the Instructions to Bidders for direction on how to proceed. Failure to file such a protest within the three-day period is a waiver of the right to challenge the rejection.

Each prospective bidder **must** submit **all** requested information on these forms only.

IN ALL INSTANCES IN THIS FORM, "QUALIFYING PROJECT" MEANS A PROJECT WHICH MUST MEET ALL OF THE FOLLOWING:

1. Project work took place in one of the following medical facility environments:
 - a. A renovation that includes demolition in a licensed OSHPD Type 1, multi-story facility, operating 24 hours/day, 7 days/week, providing patient care.
2. Project took place in a location immediately adjacent to a fully occupied area that remained in operation during construction.
3. Project work took place where infection prevention measures were required throughout construction following ICRA Class IV or V protocols.
4. Project had a full-time Supervisor present in the above-described settings during ALL construction activities – days, evenings, swing, weekends.
5. Project was successfully completed within the past five (5) years with no liquidated damages assessed, and accepted as complete within the last year prior to July 2023.
6. Your firm's construction contract cost was at least \$1,000,000 as awarded (excluding change orders).

I. LICENSE

- A. Does your firm hold the following California Contractors license, which is current, active and in good standing with the California Contractors State License Board for work you propose to bid?

License Classification: General Building Contractor

License Code: B

YES: ☐ NO: ☐

If yes, provide the following information about your firm's contractor's license:

- (1) Name of license holder exactly as on file with the California Contractors State License Board:

- (2) License number: _____

- (3) Date issued: _____ (4) Expiration date: _____

- B. List other active Contractor License(s) held by your firm: _____

- C. Can you truthfully state that your firm's contractor's license(s) listed above has not been suspended or revoked for any reason related to performance of work as a contractor by the California Contractors State License Board within the last ten (10) years?

YES: ☐ NO: ☐

- D. Is your firm registered with the Department of Industrial Relations (DIR)?

YES: ☐ NO: ☐

Registration No.: _____

II. QUALIFYING PROJECT EXPERIENCE

- A. Has your firm successfully completed at least two (2) qualifying projects? Refer to top of page for the definition of "qualifying project".

YES: ☐ NO: ☐

IF YES, PROVIDE THE FOLLOWING INFORMATION FOR SUCH PROJECT(S) ON THE FOLLOWING QUALIFYING PROJECT DATA FORM PAGES ONLY (ATTACHMENTS ARE NOT ALLOWED):

PROJECT #1 DATA SHEET

IF QUALIFICATION IS FOR A **JOINT VENTURE**, THE PROJECT LISTED MUST HAVE BEEN COMPLETED BY THE PROSPECTIVE JOINT VENTURE BIDDER WITH AN APPROPRIATE JOINT VENTURE LICENSE AND NOT COMPLETED ONLY BY ONE OF THE PARTNERS.

1. Project Name: _____
2. Project Location (full address): _____
City: _____ State: _____ Zip: _____
Was work done in a hospital or licensed outpatient clinic? _____
3. Project Description (be specific):

4. Description of Work performed (be specific):

5. Class of Infection Control Risk Assessment: _____
6. Describe ICRA containment procedures and protocols used throughout the project and who was responsible for maintaining daily requirements: _____
7. Did the project work include construction performed concurrently on another floor where the work area was occupied?
Yes: ☐ No: ☐
8. Did the project include requirements for interim life safety measure protocols (ILSM)?
Yes: ☐ No: ☐
9. Did the project have a full-time Superintendent present in the above-described settings during ALL construction activities – days, evenings, swing-shift, weekends?
Yes: ☐ No: ☐
10. Was your firm responsible to pre-coordinate, schedule, and submit formal utility shutdowns and tie-ins, ILSMs, Inspection Requests and coordinate ongoing Inspections?
Yes: ☐ No: ☐

11. Work Completed As:

☐ Contractor

☐ Subcontractor

a. Owner Name: _____

b. Owner Address: _____

c. Owner Telephone Number: _____

d. Owner Contact Person's Name: _____

e. Owner Contact Email Address: _____

12. Date Notice of Completion filed for qualifying project:

13. Original Construction Contract Award amount as awarded (without Change Orders):

\$ _____

14. Final Construction Contract Amount:

\$ _____

15. Original Contract Time (calendar days):

16. Final Contract Time (calendar days):

17. Number of Days Liquidated Damages Assessed (calendar days):

18. Name of your Project Manager:

19. Name of your Superintendent:

[THIS SPACE INTENTIONALLY LEFT BLANK]

PROJECT #2 DATA SHEET

IF QUALIFICATION IS FOR A **JOINT VENTURE**, THE PROJECT LISTED MUST HAVE BEEN COMPLETED BY THE PROSPECTIVE JOINT VENTURE BIDDER WITH AN APPROPRIATE JOINT VENTURE LICENSE AND NOT COMPLETED ONLY BY ONE OF THE PARTNERS.

1. **Project Name:** _____
2. **Project Location (full address):** _____
City: _____ State: _____ Zip: _____
Was work done in a hospital or licensed outpatient clinic? _____
3. **Project Description (be specific):**

4. **Description of Work performed (be specific):**

5. **Class of Infection Control Risk Assessment:** _____
6. **Describe ICRA containment procedures and protocols used throughout the project and who was responsible for maintaining daily requirements:** _____
7. **Did the project work include construction performed concurrently on another floor where the work area was occupied?**
Yes: ☐ No: ☐
8. **Did the project include requirements for interim life safety measure protocols (ILSM)?**
Yes: ☐ No: ☐
9. **Did the project have a full-time Superintendent present in the above-described settings during ALL construction activities – days, evenings, swing-shift, weekends?**
Yes: ☐ No: ☐
10. **Was your firm responsible to pre-coordinate, schedule, and submit formal utility shutdowns and tie-ins, ILSMs, Inspection Requests and coordinate ongoing Inspections?**
Yes: ☐ No: ☐
11. **Work Completed As:** ☐ Contractor ☐ Subcontractor
 - a. Owner Name: _____
 - b. Owner Address: _____
 - c. Owner Telephone Number: _____
 - d. Owner Contact Person's Name: _____
 - e. Owner Contact Email Address: _____
12. **Date Notice of Completion filed for qualifying project:** _____
13. **Original Construction Contract Award amount as awarded (without Change Orders):** \$ _____
14. **Final Construction Contract Amount:** \$ _____

15. Original Contract Time (calendar days): _____
16. Final Contract Time (calendar days): _____
17. Number of Days Liquidated Damages Assessed (calendar days): _____
18. Name of your Project Manager: _____
19. Name of your Superintendent: _____

[THIS SPACE INTENTIONALLY LEFT BLANK]

III. STAFF EXPERIENCE

- A. Is your firm willing to commit to assigning to the position of full-time Project Manager and full-time Superintendent, so long as the candidate remains in your employ, the candidate identified in Paragraphs B & C below?

YES: ☐ NO: ☐

B. PROPOSED PROJECT MANAGER CANDIDATE

- (1) Name: _____
- (2) Years employed by your firm: _____ years
- (3) Present position/job function within your firm: _____
- (4) Years in present position/job function: _____ years
- (5) Name of qualifying project successfully completed within the last five (5) years. Refer to top of page 2 for the definition of "qualifying project".
- (5a) Project Name & Location: _____
- (5b) Project Description: _____
- (5c) Description of work performed (be specific): _____
- (5d) Original Construction Contract Award Amount (as awarded): \$_____
- (5e) Project completion date: _____
- (5f) Name, telephone number, and email address of Owner: _____
- (6) List of other projects successfully completed within the last five (5) years. (Please attach.)

C. PROPOSED SUPERINTENDENT CANDIDATE

- (1) Name: _____
- (2) Years employed by your firm: _____ years
- (3) Present position/job function within your firm: _____
- (4) Years in present position/job function: _____ years
- (5) Name of qualifying project successfully completed since within the last five (5) years. Refer to top of page 2 for the definition of "qualifying project".
- (5a) Project Name & Location: _____
- (5b) Project Description: _____
- (5c) Description of work performed (be specific): _____
- (5d) Original Construction Contract Award Amount (as awarded without Change Orders): \$_____
- (5e) Project completion date: _____

(5f) Name, telephone number, and email address of Owner: _____

(6) List of other projects successfully completed within the last five (5) years. (Please attach.)

D. Provide an organizational chart with personnel titles and names specific to this project.

IV. MANAGEMENT PLAN

A. Does your firm have a written project management plan that you will commit to using for this project?

YES: ☐ NO: ☐

V. QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

A. Does your firm have a written Quality Assurance/Quality Control program that you will commit to using for this project?

YES: ☐ NO: ☐

VI. PRIOR DISQUALIFICATION

A. Has your firm been formally disqualified from performing work for any public entity for poor performance or alleged fraud within the last ten (10) years?

YES: ☐ NO: ☐

VII. CLAIMS HISTORY

A. Has your firm had four (4) or more unsuccessful claims within the last five (5) years?

As used in the preceding sentence, an unsuccessful claim means:

- (a) a claim in excess of \$50,000 filed against Contractor, its surety, subcontractor, supplier and/or manufacturer by Owner for damages, defects, breach of contract, breach of warranty, poor workmanship, incomplete performance or delays which was resolved by arbitration, litigation, or other type of proceeding where disputes are submitted to a third party for binding decision or by settlement after the commencement of arbitration, litigation, or other type of proceeding where disputes are submitted to a third party for binding decision with the result that Contractor, its surety, insurer, subcontractor, supplier and/or manufacturer was required to make payment (payments include amounts deducted from back-charged or credited against Contractor's Contract and are calculated by adding together the total amounts paid by Contractor, sureties, insurers, subcontractors, suppliers and manufacturers) to Owner in an amount equal to or exceeding eighty percent of the amount claimed, **OR**
- (b) a claim in excess of \$50,000 filed against an Owner by Contractor, its surety, insurer or subcontractor, excluding claims to the extent such claims seek enforcement of a stop notice against Contractor's undisputed Contract Balance, which was resolved by arbitration, litigation, or other type of proceeding where disputes are submitted to a third party for a binding decision or by settlement after the commencement of arbitration, litigation, or other type of proceeding where disputes are submitted to a third party for a binding decision with the result that the total amount received by Contractor, its surety, insurer and subcontractor did not equal or exceed twenty percent of the amount claimed.

References to subcontractors, suppliers, and manufacturers in paragraphs (a) and (b) above include all tiers, whether or not the subcontractor, supplier or manufacturer has a contract directly with the Contractor.

YES: ☐ NO: ☐

VIII. SAFETY

- A. Does your firm have a written safety program that you will commit to using for this project?

YES: ☐ NO: ☐

- B. Do you conduct and document project safety inspections?

YES: ☐ NO: ☐

If yes, who conducts and documents the inspection (Name and Title): _____

How often? Weekly ☐ Biweekly ☐ Monthly ☐

- D. Name of Company Safety Director: _____

Safety Director will report directly to (Name and Title): _____

IX. COMPLETED QUESTIONNAIRE

- A. Have you answered all questions and provided all information required in this QUALIFICATION QUESTIONNAIRE?

YES: ☐ NO: ☐

- B. Have you signed the Declaration on the front page of this QUALIFICATION QUESTIONNAIRE?

YES: ☐ NO: ☐

[END OF CONTRACTOR QUALIFICATION QUESTIONNAIRE]

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS:

That we, _____, as Principal, and _____, as Surety, are held and firmly bound unto THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereinafter called THE REGENTS, in the sum of 10% of the Lump Sum Base Bid amount for payment of which in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT, WHEREAS, Principal has submitted a Bid for the work described as follows:

PROJECT NO. 9557380
PROJECT NAME: UCDH EAST WING #1514 HOSPITAL STORAGE

NOW, THEREFORE, if Principal shall not withdraw said Bid within the time period specified after the Bid Deadline, as defined in the Bidding Documents, or within sixty (60) days after the Bid Deadline if no time period be specified, and, if selected as the apparent lowest responsible Bidder, Principal shall, within the time period specified in the Bidding Documents, do the following:

- (1) Enter into a written agreement, in the prescribed form, in accordance with the Bid.
- (2) File two bonds with THE REGENTS, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by the Bidding Documents.
- (3) Furnish certificates of insurance and all other items as required by the Bidding Documents.

In the event of the withdrawal of said Bid within the time period specified, or within sixty (60) days if no time period be specified, or the disqualification of said Bid due to failure of Principal to enter into such agreement and furnish such bonds, certificates of insurance, and all other items as required by the Bidding Documents, if Principal shall pay to THE REGENTS an amount equal to the difference, not to exceed the amount hereof, between the amount specified in said Bid and such larger amount for which THE REGENTS procure the required work covered by said Bid, if the latter be in excess of the former, then this obligation shall be null and void, otherwise to remain in full force and effect.

In the event suit is brought upon this bond by THE REGENTS, Surety shall pay reasonable attorneys' fees and costs incurred by THE REGENTS in such suit.

IN WITNESS WHEREOF, we have hereunto set our hands this _____ day of _____, 20____.

Principal: _____ (Name of Firm)	Surety: _____ (Name of Firm)
------------------------------------	---------------------------------

By: _____ (Signature)	By: _____ (Signature)
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_____ (Printed Name)	_____ (Printed Name)
-------------------------	-------------------------

Title: _____	Title: _____
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Address for Notices: _____

NOTE: NOTARY ACKNOWLEDGEMENT FOR SURETY AND SURETY'S POWER OF ATTORNEY MUST BE ATTACHED.

AGREEMENT

THIS AGREEMENT is made as of the { } day of { }, 20{ }, between
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA ("University"),

whose Facility is:

UNIVERSITY OF CALIFORNIA, DAVIS HEALTH

whose address for notices is:

Facilities Design and Construction
University of California, Davis Health
4800 2nd Avenue, Suite 3010
Sacramento, CA 95817

and Contractor:

whose address for notices is:

NAME
Street Address
City, State, Zip
T: ###-###-####
F: ###-###-####

for the Project:

9557380
UCDH EAST WING #1514 HOSPITAL STORAGE
Facilities Design and Construction
Facilities Planning & Development Division
University of California, Davis Health
Sacramento, Sacramento County, California 95817

University's Responsible Administrator:

Jason Nietupski
Executive Director
Facilities Planning & Development Division

University's Representative is:

whose address for notices is:

Jamey Byrne, Project Manager
Facilities Design and Construction
University of California, Davis Health
4800 2nd Avenue, Suite 3010
Sacramento, CA 95817

Contract Documents for the Work Prepared by: M+A Architecture, Inc.
1111 Sedona Street
Rocklin, CA 95765

[THIS SPACE LEFT INTENTIONALLY BLANK]

University and Contractor hereby agree as follows:

ARTICLE 1 – WORK

Contractor shall provide all work required by the Contract Documents (the "Work"). Contractor agrees to do additional Work arising from changes ordered by the University pursuant to Article 7 of the General Conditions. Contractor shall (1) pay all sales, consumer and other taxes and (2) obtain and pay for any governmental licenses and permits necessary for the work, other than building and utility permits.

ARTICLE 2 – CONTRACT DOCUMENTS

"Contract Documents" means the Advertisement For Bids, Instructions To Bidders, Supplementary Instructions to Bidders, Bid Form, this Agreement, General Conditions, Supplementary Conditions, Exhibits, Specifications, List of Drawings, Drawings, Addenda, Notice to Proceed, Change Orders, Notice of Completion, and all other documents identified in this Agreement that together form the contract between University and Contractor for the Work (the "Contract"). The Contract constitutes the complete agreement between University and Contractor and supersedes any previous agreements or understandings.

ARTICLE 3 – CONTRACT SUM

Subject to the provisions of the Contract Documents University shall pay to Contractor, for the performance of the Work, \$00,000,000.00, the "Contract Sum".

ARTICLE 4 – CONTRACT TIME

Contractor shall commence the Work on the date specified in the Notice to Proceed and fully complete the work within **256** days, the "Contract Time".

By signing this agreement, Contractor represents to University that the Contract Time is reasonable for completion of the work and that Contractor will complete the Work within the Contract Time. Time limits stated in the Contract Documents are of the essence of the Contract.

ARTICLE 5 – LIQUIDATED DAMAGES

If Contractor fails to complete the Work within the Contract Time, Contractor shall pay to University, as liquidated damages and not as a penalty, the sum of \$500.00 for each day after the expiration of the Contract Time that the Work remains incomplete. After Substantial Completion, the rate for liquidated damages shall be reduced to the sum of \$50.00 per day. University and Contractor agree that if the Work is not completed within the Contract Time, University's damages would be extremely difficult or impracticable to determine and that the aforesaid amounts are reasonable estimates of and reasonable sums for such damages. University may deduct any liquidated damages due from Contractor from any amounts otherwise due to Contractor under the Contract Documents. This provision shall not limit any right or remedy of University in the event of any other default of Contractor other than failing to complete the Work within the Contract Time.

ARTICLE 6 – COMPENSABLE DELAY

If Contractor is entitled to an increase in the Contract Sum as a result of a Compensable Delay, determined pursuant to Articles 7 and 8 of the General Conditions, the Contract Sum will be increased by the sum of \$000,000.00 per day for each day for which such compensation is payable.

ARTICLE 7 – DUE AUTHORIZATION

The person or persons signing this Agreement on behalf of Contractor hereby represent and warrant to University that this Agreement is duly authorized, signed, and delivered by Contractor.

THIS AGREEMENT is entered into by University and Contractor as of the date set forth above.

CONTRACTOR:

(Name of Firm)

a _____
(Type of Organization)

by: _____
(Signature)

(Printed Name)

(Title)

UNIVERSITY:

The Regents of the University of California

UC Davis Health
(Facility)

by: _____
(Signature)

Jason Nietupski
(Printed Name)

Executive Director
Facilities Planning & Development
(Title)

California Contractor License(s):

(Name of Licensee)

(License Number and Classification)

(Expiration Date)

Department of Industrial Relations:

(Registration Number)

(Expiration Date)

UCDH FD&C USE ONLY

Reviewed by Project Manager

Reviewed by Project Manager Supervisor

Reviewed by Contracts Manager

[End]

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ARTICLE 1 GENERAL PROVISIONS

1.1 BASIC DEFINITIONS

1.1.1 APPLICABLE CODE REQUIREMENTS

The term "Applicable Code Requirements" means all laws, statutes, the most recent building codes, ordinances, rules, regulations, and lawful orders of all public authorities having jurisdiction over University, Contractor, any Subcontractor, the Project, the Project site, the Work, or the prosecution of the Work including without limitation the requirements set forth in Article 3.7.

1.1.2 APPLICATION FOR PAYMENT

The term "Application For Payment" means the submittal from Contractor wherein payment for certain portions of the completed Work is requested in accordance with Article 9.

1.1.3 BENEFICIAL OCCUPANCY

The term "Beneficial Occupancy" means the University's occupancy or use of any part of the Work in accordance with Article 9.

1.1.4 CERTIFICATE FOR PAYMENT

The term "Certificate For Payment" means the form signed by University's Representative attesting to the Contractor's right to receive payment for certain completed portions of the Work in accordance with Article 9.

1.1.5 CHANGE ORDER

See Article 7.2 of the General Conditions.

1.1.6 CLAIM

See Article 4.3 of the General Conditions.

1.1.7 COMPENSABLE DELAY

The term "Compensable Delay" means a delay that entitles the Contractor to an adjustment of the Contract Sum and an adjustment of the Contract Time pursuant to Articles 7 and 8 of the General Conditions.

1.1.8 CONTRACT

The term "Contract" shall have the meaning identified in Article 2 of the Agreement.

1.1.9 CONTRACT DOCUMENTS

The term "Contract Documents" means all documents listed in Article 2 of the Agreement, as modified by Change Order, including but not limited to the Drawings and Specifications.

1.1.10 CONTRACT MILESTONE

The term "Contract Milestone" means any requirement in the Contract Documents that reflects a planned point in time for the start or completion of a portion of the Work measured from i) the date of the Notice to Proceed or ii) the date of another Contract Milestone defined in the Contract Documents, as applicable.

1.1.11 CONTRACT SCHEDULE

The term "Contract Schedule" means the graphical representation of a practical plan, in accordance with the Specifications, to perform and complete the Work within the Contract Time in accordance with Article 3.

1.1.12 CONTRACT SUM

The term "Contract Sum" means the amount of compensation stated in the Agreement for the performance of the Work, as adjusted by Change Order.

1.1.13 CONTRACT TIME

The term "Contract Time" means the number of days set forth in the Agreement, as adjusted by Change Order, within which Contractor must achieve Final Completion.

1.1.14 CONTRACTOR

The term "Contractor" means the person or firm identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number.

1.1.15 CONTRACTOR FEE

See Article 7.3 of the General Conditions.

1.1.16 COST OF EXTRA WORK

See Article 7.3 of the General Conditions.

1.1.17 DAY

The term "day," as used in the Contract Documents, shall mean calendar day, unless otherwise specifically provided.

1.1.18 DEFECTIVE WORK

The term "Defective Work" means work that is unsatisfactory, faulty, omitted, incomplete, deficient, or does not conform to the requirements of the Contract Documents, directives of University's Representative, or the requirements of any inspection, reference standard, test, or approval specified in the Contract Documents.

1.1.19 DRAWINGS

The term "Drawings" means the graphic and pictorial portions of the Contract Documents showing the design, location, and dimensions of the Work, generally including plans, elevations, sections, details, schedules, and diagrams. The Drawings are listed in the List of Drawings.

1.1.20 EXCUSABLE DELAY

The term "Excusable Delay" means a delay that entitles the Contractor to an adjustment of the Contract Time but not an adjustment of the Contract Sum, pursuant to Articles 7 and 8 of the General Conditions.

1.1.21 EXTRA WORK

The term "Extra Work" means Work beyond or in addition to the Work required by the Contract Documents.

1.1.22 FIELD ORDER

See Article 7.2 of the General Conditions.

1.1.23 FINAL COMPLETION

The term "Final Completion" means the date at which the Work has been fully completed in accordance with the requirements of the Contract Documents pursuant to Article 9.8.1 of the General Conditions.

1.1.24 GUARANTEE TO REPAIR PERIOD

See Article 12.2 of the General Conditions.

1.1.25 HAZARDOUS MATERIAL

The term "Hazardous Material" means any substance or material identified as hazardous under any California or federal statute governing handling, disposal and/or cleanup of any such substance or material.

1.1.26 PROJECT

The term "Project" means the Work of the Contract and all other work, labor, equipment, and materials necessary to accomplish the Project. The Project may include construction by University or by Separate Contractors.

1.1.27 PROJECT SITE

The term "Project Site" or "Project site" or "Site" or "site" means lands and facilities upon which the Work pertaining to physical construction operations is performed, including such access and other lands and facilities designated in the Contract Documents for use by Contractor.

1.1.28 SEPARATE CONTRACTOR

The term "Separate Contractor" means a person or firm under separate contract with University performing other work related to the Project.

1.1.29 SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

See Article 3.12 of the General Conditions.

1.1.30 SPECIFICATIONS

The term "Specifications" means that portion of the Contract Documents consisting of the written requirements

for materials, equipment, construction systems, standards and workmanship for the Work, and performance of related services.

1.1.31 SUBCONTRACTOR

The term "Subcontractor" means a person or firm that has a contract with Contractor or with a Subcontractor to perform a portion of the Work. Unless otherwise specifically provided, the term Subcontractor includes Subcontractors of all tiers.

1.1.32 SUBSTANTIAL COMPLETION

See Article 9.7 of the General Conditions.

1.1.33 SUPERINTENDENT

The term "Superintendent" means the person designated by Contractor to represent Contractor at the Project site in accordance with Article 3.

1.1.34 TIER

The term "tier" means the contractual level of a Subcontractor or supplier with respect to Contractor. For example, a first-tier Subcontractor is under subcontract with Contractor, a second-tier Subcontractor is under subcontract with a first-tier Subcontractor, and so on.

1.1.35 UNEXCUSABLE DELAY

The term "Unexcusable Delay" means a delay that does not entitle the Contractor to an adjustment of the Contract Sum and does not entitle the Contractor to an adjustment of the Contract Time.

1.1.36 UNILATERAL CHANGE ORDER.

See Article 7.2 of the General Conditions.

1.1.37 UNIVERSITY

The term "University" means The Regents of the University of California.

1.1.38 UNIVERSITY'S BUILDING OFFICIAL

The term "University's Building Official," or "Certified Building Official," means the individual the University has designated to act in the capacity as the "Building Official" as defined by the California Building Standards Code. The University's Building Official will determine whether the Work complies with Applicable Code Requirements and will determine whether and when it is appropriate to issue a Certificate of Occupancy.

1.1.39 UNIVERSITY'S REPRESENTATIVE

The term "University's Representative" means the person identified as such in the Agreement.

1.1.40 UNIVERSITY'S RESPONSIBLE ADMINISTRATOR

The term "University's Responsible Administrator" means the person, or his or her authorized designee, who is authorized to execute the Agreement, Change Orders, Field Orders, and other applicable Contract Documents on behalf of the University.

1.1.41 WORK

The term "Work" means all construction, services and other requirements of the Contract Documents as modified by Change Order, whether completed or partially completed, and includes all labor, materials, equipment, tools, and services provided or to be provided by Contractor to fulfill Contractor's obligations. The Work may constitute the whole or a part of the Project.

1.2 OWNERSHIP AND USE OF CONTRACT DOCUMENTS

1.2.1 The Contract Documents and all copies thereof furnished to or provided by Contractor are the property of the University and are not to be used on other work.

1.3 INTERPRETATION

1.3.1 The Contract Documents are complementary and what is required by one shall be as binding as if required by all. In the case of conflict between terms of the Contract Documents, the following order of precedence shall apply:

- .1 The Agreement,
- .2 The Supplementary Conditions,
- .3 The General Conditions,
- .4 The Specifications,
- .5 The Drawings.

1.3.2 With respect to the Drawings, figured dimensions shall control over scaled measurements and specific details shall control over typical or standard details.

1.3.3 With respect to the Contract Documents, Addenda shall govern over other portions of the Contract Documents to the extent specifically noted; subsequent Addenda shall govern over prior Addenda only to the extent specifically noted.

1.3.4 Organization of the Specifications into various subdivisions and the arrangement of the Drawings shall not control Contractor in dividing the Work among Subcontractors or in establishing the extent of work to be performed by any trade.

1.3.5 Unless otherwise stated in the Contract Documents, technical words and abbreviations contained in the Contract Documents are used in accordance with commonly understood construction industry meanings; and non-technical words and abbreviations are used in accordance with their commonly understood meanings.

1.3.6 The Contract Documents may omit modifying words such as "all" and "any," and articles such as "the" and "an," but the fact that a modifier or an article is absent from one statement and appears in another is not intended to affect the interpretation of either statement. The use of the word "including," when following any general statement, shall not be construed to limit such statement to specific items or matters set forth immediately following such word or to similar items or matters, whether or not nonlimiting language (such as "without limitation," "but not limited to," or words of similar import) is used with reference thereto, but rather shall be deemed to refer to all other items or matters that could reasonably fall within the broadest possible scope of such general statement.

1.3.7 Whenever the context so requires, the use of the singular number shall be deemed to include the plural and vice versa. Each gender shall be deemed to include any other gender, and each shall include corporation, partnership, trust, or other legal entity whenever the context so requires. The captions and headings of the various subdivisions of the Contract Documents are intended only for reference and convenience and in no way define, limit, or prescribe the scope or intent of the Contract Documents or any subdivision thereof.

ARTICLE 2 UNIVERSITY

2.1 INFORMATION AND SERVICES PROVIDED BY UNIVERSITY

2.1.1 If required for performance of the Work, as determined by University's Representative, University will make available a survey describing known physical characteristics, boundaries, easements, and utility locations for the Project site.

2.1.2 University is not subject to any requirement to obtain or pay for local building permits, inspection fees, plan checking fees, or certain utility fees. Except as otherwise provided in the Contract Documents, University will obtain and pay for any utility permits, demolition permits, easements, and government approvals for the use or occupancy of permanent structures required in connection with the Work.

2.1.3 Contractor will be furnished, free of charge, such copies of the Contract Documents as University deems reasonably necessary for execution of the Work.

2.2 ACCESS TO PROJECT SITE

2.2.1 University will provide, no later than the date designated in the Contract Schedule accepted by University's Representative, access to the lands and facilities upon which the Work is to be performed, including such access and other lands and facilities designated in the Contract Documents for use by

Contractor.

2.3 UNIVERSITY'S RIGHT TO STOP THE WORK

2.3.1 If Contractor fails to correct Defective Work as required by Article 12.2 or fails to perform the Work in accordance with the Contract Documents, University or University's Representative may direct Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated by Contractor. Contractor shall not be entitled to any adjustment of Contract Time or Contract Sum as a result of any such order. University and University's Representative have no duty or responsibility to Contractor or any other party to exercise the right to stop the Work.

2.4 UNIVERSITY'S RIGHT TO CARRY OUT THE WORK

2.4.1 If Contractor fails to carry out the Work in accordance with the Contract Documents, fails to provide sufficient labor, materials, equipment, tools, and services to maintain the Contract Schedule, or otherwise fails to comply with any material term of the Contract Documents, and, after receipt of written notice from University, fails within 2 days, excluding Saturdays, Sundays and legal holidays, or within such additional time as the University may specify, to correct such failure, University may, without prejudice to other remedies University may have, correct such failure at Contractor's expense. In such case, University will be entitled to deduct from payments then or thereafter due Contractor the cost of correcting such failure, including without limitation compensation for the additional services and expenses of University's consultants made necessary thereby. If payments then or thereafter due Contractor are not sufficient to cover such amounts, Contractor shall pay the additional amount to University.

2.5 UNIVERSITY'S RIGHT TO REPLACE UNIVERSITY'S REPRESENTATIVE

2.5.1 University may at any time and from time to time, without prior notice to or approval of Contractor, replace University's Representative with a new University's Representative. Upon receipt of notice from University informing Contractor of such replacement and identifying the new University's representative, Contractor shall recognize such person or firm as University's Representative for all purposes under the Contract Documents.

ARTICLE 3 CONTRACTOR

3.1 REVIEW OF CONTRACT DOCUMENTS AND FIELD CONDITIONS BY CONTRACTOR

3.1.1 Contractor and its Subcontractors shall review and compare each of the Contract Documents with the others and with information furnished or made available by University, and shall promptly report in writing to University's Representative any errors, inconsistencies, or omissions in the Contract Documents or inconsistencies with Applicable Code Requirements observed by Contractor or its Subcontractors.

3.1.2 Contractor and its Subcontractors shall take field measurements, verify field conditions, and carefully compare with the Contract Documents such field measurements, conditions, and other information known to Contractor before commencing the Work. Errors, inconsistencies, or omissions discovered at any time shall be promptly reported in writing to University's Representative.

3.1.3 If Contractor and its Subcontractors performs any construction activity involving an error, inconsistency, or omission referred to in Articles 3.1.1 and 3.1.2, without giving the notice required in those Articles and obtaining the written consent of University's Representative, Contractor shall be responsible for the resultant losses, including, without limitation, the costs of correcting Defective Work.

3.2 SUPERVISION AND CONSTRUCTION PROCEDURES

3.2.1 Contractor shall supervise, coordinate, and direct the Work using Contractor's best skill and attention. Contractor shall be solely responsible for and have control over construction means, methods, techniques, sequences, procedures, and the coordination of all portions of the Work.

3.2.2 Contractor shall be responsible to University for acts and omissions of Contractor's agents, employees, and Subcontractors, and their respective agents and employees.

3.2.3 Contractor shall not be relieved of its obligation to perform the Work in accordance with the Contract Documents either by acts or omissions of University or University's Representative in the administration of the Contract, or by tests, inspections, or approvals required or performed by persons or firms other than Contractor.

3.2.4 Contractor shall be responsible for inspection of all portions of the Work, including those portions already performed under this Contract, to determine that such portions conform to the requirements of the Contract and are ready to receive subsequent Work.

3.2.5 Contractor shall at all times maintain good discipline and order among its employees and Subcontractors. Contractor shall provide competent, fully qualified personnel to perform the Work.

3.3 LABOR AND MATERIALS

3.3.1 Unless otherwise provided in the Contract, Contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and Final Completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

3.4 CONTRACTOR'S WARRANTY

3.4.1 Contractor warrants to University that all materials and equipment used in or incorporated into the Work will be of good quality, new, and free of liens, claims, and security interests of third parties; that the Work will be of good quality and free from defects; and that the Work will conform with the requirements of the Contract. If required by University's Representative, Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

3.5 TAXES

3.5.1 Contractor shall pay all sales, consumer, use, and similar taxes for the Work or portions thereof provided by Contractor.

3.6 PERMITS, FEES, AND NOTICES

3.6.1 Except for the permits and approvals which are to be obtained by University or the requirements with respect to which University is not subject as provided in Article 2.1.2, Contractor shall secure and pay for all permits, approvals, government fees, licenses, and inspections necessary for the proper execution and performance of the Work. Contractor shall deliver to University all original licenses, permits, and approvals obtained by Contractor in connection with the Work prior to the final payment or upon termination of the Contract, whichever is earlier.

3.7 APPLICABLE CODE REQUIREMENTS

3.7.1 Contractor shall perform the Work in accordance with the following Applicable Code Requirements:

- .1 All laws, statutes, the most recent building codes, ordinances, rules, regulations, and lawful orders of all public authorities having jurisdiction over University, Contractor, any Subcontractor, the Project, the Project site, the Work, or the prosecution of the Work.
- .2 All requirements of any insurance company issuing insurance required hereunder.
- .3 The Federal Occupational Safety and Health Act and all other Applicable Code Requirements relating to safety.
- .4 Applicable titles in the State of California Code of Regulations.
- .5 Applicable sections in the State of California Labor Code.
- .6 All Applicable Code Requirements relating to nondiscrimination, payment of prevailing wages, payroll records, apprentices, and work day.

Without limiting the foregoing, Contractor shall comply with the provisions regarding nondiscrimination, payment of prevailing wages, payroll records, apprentices, and work day set forth in Article 14.

3.7.2 Contractor shall comply with and give notices required by all Applicable Code Requirements,

including all environmental laws and all notice requirements under the State of California Safe Drinking Water and Enforcement Act of 1986 (State of California Health and Safety Code Section 25249.5 and applicable sections that follow). Contractor shall promptly notify University's Representative in writing if Contractor becomes aware during the performance of the Work that the Contract Documents are at variance with Applicable Code Requirements.

3.7.3 If Contractor performs Work which it knows or should know is contrary to Applicable Code Requirements, without prior notice to University and University's Representative, Contractor shall be responsible for such Work and any resulting damages including, without limitation, the costs of correcting Defective Work.

3.8 SUPERINTENDENT & KEY PERSONNEL

3.8.1 Contractor shall employ a competent Superintendent satisfactory to University who shall be in attendance at the Project site at all times during the performance of the Work. Superintendent shall represent Contractor and communications given to and received from Superintendent shall be binding on Contractor.

3.8.2 Failure to maintain a Superintendent on the Project site at all times Work is in progress shall be considered a material breach of this Contract, entitling University to terminate the Contract or alternatively, issue a stop Work order until the Superintendent is on the Project site. If, by virtue of issuance of said stop Work order, Contractor fails to complete the Contract on time, Contractor will be assessed Liquidated Damages in accordance with the Agreement.

3.8.3 The Superintendent approved for the Project must be able to read, write and verbally communicate in English.

3.8.4 The Superintendent may not perform the Work of any trade, pick-up materials, or perform any Work not directly related to the supervision and coordination of the Work at the Project site when Work is in progress.

3.8.5 Contractor shall provide the Key Personnel, in addition to the Superintendent, as named in the Key Personnel Exhibit to this Contract. Substitution or replacement of any named individual requires the written approval of the University's Representative and approval will be at the sole discretion of University. Failure to provide the listed individuals at all times Work is in progress shall be considered a material breach of this Contract unless the named individuals are no longer employed or retained by Contractor, a company Contractor has a financial interest in, or a parent company of Contractor; such material breach shall entitle University to terminate the Contract or alternatively, issue a Stop Work order until the individual or an acceptable replacement is provided. If, by virtue of issuance of said Stop Work order, Contractor fails to complete the Contract on time, Contractor will be assessed Liquidated Damages in accordance with the Agreement.

3.9 SCHEDULES REQUIRED OF CONTRACTOR

3.9.1 Contractor shall submit a Preliminary Contract Schedule to University's Representative in the form and within the time limit required by the Specifications. University's Representative will review the Preliminary Contract Schedule with Contractor within the time limit required by the Specifications, or, if no such time period is specified, within a reasonable period of time.

3.9.2 Contractor shall submit a Contract Schedule and updated Contract Schedules to University's Representative in the form and within the time limits required by the Specifications and acceptable to University's Representative. University's Representative will determine acceptability of the Contract Schedule and updated Contract Schedules within the time limits required by the Specifications, or if no such time period is specified, within a reasonable period of time. If University's Representative deems the Contract Schedule or updated Contract Schedule unacceptable, it shall specify in writing to Contractor the basis for its objection.

3.9.3 The Preliminary Contract Schedule, the Contract Schedule, and updated Contract Schedules shall represent a practical plan to complete the Work within the Contract Time. Schedules showing the Work completed in less than the Contract Time may be acceptable if judged by University's Representative to be

practical. Schedules showing the Work completed beyond the Contract Time may be submitted under the following circumstances:

- .1 If accompanied by a Change Order Request seeking an adjustment of the Contract Time consistent the requirements of paragraph 8.4 for Adjustment of the Contract Time for Delay.; or
- .2 If the Contract Time has passed, or if it is a practical impossibility to complete the Work within the Contract Time, then the updated Contract Schedule or fragnet schedule shall show completion at the earliest practical date.

University's Representative will timely review the updated Contract Schedule or Fragnet Schedule submitted by Contractor. If University's Representative determines that additional supporting data are necessary to fully evaluate the updated Contract Schedule or Fragnet Schedule, University's Representative will request such additional supporting data in writing. Such data shall be furnished no later than 10 days after the date of such request. University's Representative will render a decision promptly and in any case within 30 days after the later of the receipt of the updated Contract Schedule or Fragnet Schedule or the deadline for furnishing such additional supporting data. Failure of University's Representative to render a decision by the applicable deadline will be deemed a decision denying approval of the updated Contract Schedule or Fragnet Schedule.

Acceptance of any schedule showing completion beyond the Contract Time by University's Representative shall not change the Contract Time and is without prejudice to any right of the University. The Contract Time, not the Contract Schedule, shall control in the determination of liquidated damages payable by Contractor under Article 4 and Article 5 of the Agreement and in the determination of any delay under Article 8 of the General Conditions.

3.9.4 If a schedule showing the Work completed in less than the Contract Time is accepted, Contractor shall not be entitled to extensions of the Contract Time for Excusable Delays or Compensable Delays or to adjustments of the Contract Sum for Compensable Delays until such delays extend the Final Completion of the Work beyond the expiration of the Contract Time.

3.9.5 Contractor shall prepare and keep current to the reasonable satisfaction of University's Representative, a Submittal Schedule in the form contained in the Exhibits, for each submittal, as required by the Specifications, and that are coordinated with the other activities in the Contract Schedule.

3.9.6 The Preliminary Contract Schedule, Contract Schedule, and the Updated Contract Schedules shall meet the following requirements:

- .1 Schedules must be suitable for monitoring progress of the Work.
- .2 Schedules must provide necessary data about the timing for University decisions and University furnished items.
- .3 Schedules must be in sufficient detail to demonstrate adequate planning for the Work.
- .4 Schedules must represent a practical plan to perform and complete the Work within the Contract Time.

3.9.7 University's Representative's review of the form and general content of the Preliminary Contract Schedule, Contract Schedule, and Updated Contract Schedules is for the purpose of determining if the above-listed requirements have been satisfied.

3.9.8 Contractor shall plan, develop, supervise, control, and coordinate the performance of the Work so that its progress and the sequence and timing of Work will permit its completion within the Contract Time, any Contract milestones and any Contract phases.

3.9.9 In preparing the Preliminary Contract Schedule, the Contract Schedule, and updated Contract Schedules, Contractor shall obtain such information and data from Subcontractors as may be required to develop a reasonable and appropriate schedule for performance of the work and shall provide such information and data to the University's Representative upon request. Contractor shall continuously obtain from Subcontractors information and data about the planning for and progress of the Work and the delivery of equipment, shall coordinate and integrate such information and data into updated Contract Schedules, as appropriate, and shall monitor the progress of the Work and the delivery of equipment.

3.9.10 Contractor shall act as the expeditor of potential and actual delays, interruptions, hindrances, or disruptions for its own forces and those forces of Subcontractors, regardless of tier.

3.9.11 Contractor shall cooperate with University's Representative in the development of the Contract Schedule and updated Contract Schedules. University's Representative's acceptance of or its review comments about any schedule or scheduling data shall not relieve Contractor from its sole responsibility to plan for, perform, and complete the Work within the Contract Time. Acceptance of or review comments about any schedule shall not transfer responsibility for any schedule to University's Representative or University nor imply their agreement with (1) any assumption upon which such schedule is based or (2) any matter underlying or contained in such schedule. Failure of University's Representative to discover errors or omissions in schedules that it has reviewed, or to inform Contractor that Contractor, Subcontractors, or others are behind schedule, or to direct or enforce procedures for complying with the Contract Schedule shall not relieve Contractor from its sole responsibility to perform and complete the Work within the Contract Time and shall not be a cause for an adjustment of the Contract Time or the Contract Sum.

3.10 AS-BUILT DOCUMENTS

3.10.1 Contractor shall maintain one set of As-built drawings and specifications, which shall be kept up to date during the Work of the Contract. All changes which are incorporated into the Work which differ from the documents as drawn and written shall be noted on the As-built set. Notations shall reflect the actual materials, equipment and installation methods used for the Work and each revision shall be initialed and dated by Superintendent. Prior to filing of the Notice of Completion each drawing and the specification cover shall be signed by Contractor and dated attesting to the completeness of the information noted therein. As-built Documents shall be turned over to the University's Representative and shall become part of the Record Documents.

3.11 DOCUMENTS AND SAMPLES AT PROJECT SITE

3.11.1 Contractor shall maintain the following at the Project site:

- .1 One as-built copy of the Contract Documents, in good order and marked to record current changes and selections made during construction.
- .2 The current accepted Contract Schedule.
- .3 Shop Drawings, Product Data, and Samples.
- .4 All other required submittals.

These shall be available to University's Representative and shall be delivered to University's Representative for submittal to University upon the earlier of Final Completion or termination of the Contract.

3.12 SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND ENVIRONMENTAL PRODUCT DECLARATIONS

3.12.1 Definitions:

- .1 Shop Drawings are drawings, diagrams, schedules, and other data specially prepared for the Work by Contractor or a Subcontractor to illustrate some portion of the Work.
- .2 Product Data are illustrations, standard schedules, performance charts, instructions, brochures, diagrams, and other information furnished by Contractor to illustrate or describe materials or equipment for some portion of the Work.
- .3 Samples are physical examples which illustrate materials, equipment, or workmanship and establish standards by which the Work will be judged.
- .4 Environmental Product Declarations are those documents and other submissions required to be furnished by Contractor or a Subcontractor pursuant to California Public Contract Code Section 3500 et seq., the Buy Clean California Act (BCCA), as further described in Article 3.12.9 below.

3.12.2 Shop Drawings, Product Data, Samples, and similar submittals are not Contract Documents. Their purpose is to demonstrate, for those portions of the Work for which submittals are required, how Contractor proposes to conform to the information given and the design concept expressed in the Contract Documents.

3.12.3 Contractor shall review, approve, and submit to University's Representative Shop Drawings, Product

Data, Samples, and similar submittals required by the Contract Documents with reasonable promptness and in such sequence as to cause no delay in the Work or in the activities of University or of Separate Contractors. Submittals made by Contractor which are not required by the Contract Documents may be returned without action by University's Representative.

3.12.4 Contractor shall perform no portion of the Work requiring submittal and review of Shop Drawings, Product Data, Samples, or similar submittals until the respective submittal has been reviewed by University's Representative and no exceptions have been taken by University's Representative. Such Work shall be in accordance with approved submittals and the Contract Documents.

3.12.5 By approving and submitting Shop Drawings, Product Data, Samples, and similar submittals, Contractor represents that it has determined or verified materials and field measurements and conditions related thereto, and that it has checked and coordinated the information contained within such submittals with the requirements of the Contract Documents and Shop Drawings for related Work.

3.12.6 If Contractor discovers any conflicts, omissions, or errors in Shop Drawings or other submittals, Contractor shall notify University's Representative and receive instruction before proceeding with the affected Work.

3.12.7 Contractor shall not be relieved of responsibility for deviations from requirements of the Contract Documents by University's Representative's review of Shop Drawings, Product Data, Samples, or similar submittals, unless Contractor has specifically informed University's Representative in writing of such deviation at the time of submittal and University's Representative has given written approval of the specific deviation. Contractor shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples, or similar submittals by University's Representative's review, acceptance, comment, or approval thereof.

3.12.8 Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data, Samples, or similar submittals, to revisions other than those requested by University's Representative on previous submittals.

3.12.9 Environmental Product Declarations:

3.12.9.1 Contractor on construction contracts \$1,000,000 and above shall comply with California Public Contract Code Section 3500 et seq., the Buy Clean California Act ("BCCA").

3.12.9.2 Compliance with the BCCA and this Article applies to all Eligible Materials for the Project.

[See Supplementary Conditions](#)

3.13 USE OF SITE AND CLEAN UP

3.13.1 Contractor shall confine operations at the Project site to areas permitted by law, ordinances, permits, and the Contract Documents. Contractor shall not unreasonably encumber the Project site with materials or equipment.

3.13.2 Contractor shall, during performance of the Work, keep the Project site and surrounding area free from the accumulation of excess dirt, waste materials, and rubbish caused by Contractor. Contractor shall remove all excess dirt, waste material, and rubbish caused by the Contractor; tools; equipment; machinery; and surplus materials from the Project site and surrounding area at the completion of the Work.

3.13.3 Personnel of Contractor and Subcontractors shall not occupy, live upon, or otherwise make use of the Project site during any time that Work is not being performed at the Project site, except as otherwise provided in the Contract Documents.

3.14 CUTTING, FITTING, AND PATCHING

3.14.1 Contractor shall do all cutting, fitting, or patching of the Work required to make all parts of the Work come together properly and to allow the Work to receive or be received by work of Separate Contractors shown upon, or reasonably implied by, the Contract Documents.

3.14.2 Contractor shall not endanger the Work, the Project, or adjacent property by cutting, digging, or otherwise. Contractor shall not cut or alter the work of any Separate Contractor without the prior consent of University's Representative.

3.15 ACCESS TO WORK

3.15.1 University, University's Representative, their consultants, and other persons authorized by University will at all times have access to the Work wherever it is in preparation or progress. Contractor shall provide safe and proper facilities for such access and for inspection.

3.16 ROYALTIES AND PATENTS

3.16.1 Contractor shall pay all royalties and license fees required for the performance of the Work. Contractor shall defend suits or claims resulting from Contractor's or any Subcontractor's infringement of patent rights and shall Indemnify, defend and hold harmless University and University's Representative from losses on account thereof.

3.17 DIFFERING SITE CONDITIONS

3.17.1 If Contractor encounters any of the following conditions at the site, Contractor shall immediately notify the University's Representative in writing of the specific differing conditions before they are disturbed and before any affected Work is performed, and permit investigation of the conditions:

- .1 Subsurface or latent physical conditions at the site (including Hazardous Materials) which differ materially from those indicated in this Contract, or if not indicated in this Contract, in the Information Available to Bidders; or
- .2 Unknown physical conditions at the site, of an unusual nature, which differ materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract.

3.17.2 Contractor shall be entitled to an adjustment to the Contract Sum and/or Contract Time as the result of extra costs and/or delays resulting from a materially differing site condition, if and only if Contractor fulfills the following conditions:

- .1 Contractor fully complies with Article 3.17.1; and
- .2 Contractor fully complies with Article 4 (including the timely filing of a Change Order Request and all other requirements for Change Orders Requests and Claims).

3.17.3 Adjustments to the Contract Sum and/or Contract Time shall be subject to the procedures and limitations set forth in Articles 7 and 8.

3.18 CONCEALED, UNFORESEEN, OR UNKNOWN CONDITIONS OR EVENTS

3.18.1 Except and only to the extent provided otherwise in Articles 3.17, 7 and 8 of the General Conditions, by signing the Agreement, Contractor agrees:

- .1 To bear the risk of concealed, unforeseen or unknown conditions or events, if any, which may be encountered in performing the Contract; and
- .2 That Contractor's bid for the Contract was made with full knowledge of this risk.

In agreeing to bear the risk of concealed, unforeseen or unknown conditions or events, Contractor understands that, except and only to the extent provided otherwise in Articles 3.17, 7 and 8, concealed, unforeseen or unknown conditions or events shall not excuse Contractor from its obligation to achieve Final Completion of the Work within the Contract Time, and shall not entitle the Contractor to an adjustment of the Contract Sum.

3.18.2 If Contractor encounters concealed, unforeseen or unknown conditions or events that may require a change to the design shown in the Contract Documents, Contractor shall immediately notify University's Representative in writing such that University's Representative can determine if a change to the design is required. Contractor shall be liable to University for any extra costs incurred as the result of Contractor's failure to immediately give such notice.

3.18.3 If, as the result of concealed, unforeseen or unknown conditions or events, the University issues a Change Order or Field Order that changes the design from the design depicted in the Contract Documents, Contractor shall be entitled, subject to compliance with all the provisions of the Contract, including those set forth in Articles 4, 7 and 8, to an adjustment of the Contract Sum and/or Contract Time, for the cost and delay resulting from implementing the changes to the design. Except as provided in this Article 3.18.3, or as may be expressly provided otherwise in the Contract, there shall be no adjustment of the Contract Sum and/or Contract Time as a result of concealed, unforeseen or unknown conditions or events. .

3.18.4 Contractor shall, as a condition precedent to any adjustment in Contract Sum or Contract Time under Article 3.18.3, fully comply with Article 4 (including the timely filing of a Change Order Request and all other requirements for Change Orders Requests and Claims).

3.19 HAZARDOUS MATERIALS

3.19.1 The University shall not be responsible for any Hazardous Material brought to the site by the Contractor.

3.19.2 If the Contractor: (i) introduces and/or discharges a Hazardous Material onto the site in a manner not specified by the Contract Documents; and/or (ii) disturbs a Hazardous Material identified in the Contract Documents, the Contractor shall hire a qualified remediation contractor at Contractor's sole cost to eliminate the condition as soon as possible. Under no circumstance shall the Contractor perform Work for which it is not qualified. University, in its sole discretion, may require the Contractor to retain at Contractor's cost an independent testing laboratory.

3.19.3 If the Contractor encounters a Hazardous Material which may cause foreseeable injury or damage, Contractor shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such material or substance (except in an emergency situation); and (iii) notify University (and promptly thereafter confirm such notice in writing)

3.19.4 Subject to Contractor's compliance with Article 3.19.3, the University shall verify the presence or absence of the Hazardous Material reported by the Contractor, except as qualified under Section 3.19.1 and 3.19.3, and, in the event such material or substance is found to be present, verify that the levels of the hazardous material are below OSHA Permissible Exposure Levels and below levels which would classify the material as a state of California or federal hazardous waste. When the material falls below such levels, Work in the affected area shall resume upon direction by the University. The Contract Time and Sum shall be extended appropriately as provided in Articles 7 and 8.

3.19.5 The University shall indemnify and hold harmless the Contractor from and against claims, damages, losses and expenses, arising from a Hazardous Material on the Project site, if such Hazardous Material: (i) was not shown on the Contract Documents or Information Available to Bidders; (ii) was not brought to the site by Contractor; and (iii) exceeded OSHA Permissible Exposure Levels or levels which would classify the material as a state of California or federal hazardous waste. The indemnity obligation in this Article shall not apply to:

- .1 Claims, damages, losses or expenses arising from the breach of contract, negligence or willful misconduct of Contractor, its suppliers, its Subcontractors of all tiers and/or any persons or entities working under Contractor; and
- .2 Claims, damages, losses or expenses arising from a Hazardous Material subject to Article 3.19.2.

3.19.6 In addition to the requirements in Article 3.22, Contractor shall indemnify and hold harmless the University from and against claims, damages, losses and expenses, arising from a Hazardous Material on the Project site, if such Hazardous Material exceeded OSHA Permissible Exposure Levels or levels which would classify the material as a state of California or federal hazardous waste, and was either i) shown on the Contract Documents or Information Available to Bidders; or (ii) brought to the site by Contractor. Nothing in

this paragraph shall obligate the Contractor to indemnify University in the event of the sole negligence of the University, its officers, agents, or employees.

3.20 INFORMATION AVAILABLE TO BIDDERS

3.20.1 Any information provided pursuant to INFORMATION AVAILABLE TO BIDDERS is subject to the following provisions:

- .1 The information is made available for the convenience of Bidders and is not a part of the Contract.
- .2 The Contractor may rely on written descriptions of physical conditions included in the information to the extent such reliance is reasonable.
- .3 Other components of the information, including but not limited to recommendations, may not be relied upon by Contractor. University shall not be responsible for any interpretation of or conclusion drawn from the other components of the information by the Contractor.

3.21 LIABILITY FOR AND REPAIR OF DAMAGED WORK

3.21.1 Contractor shall be liable for any and all damages and losses to the Project (whether by fire, theft, vandalism, earthquake or otherwise) prior to University's acceptance of the Project as fully completed except that Contractor shall not be liable for damages and losses to the Project caused by earthquake in excess of magnitude 3.5 on the Richter Scale, tidal wave, or flood, provided that the damages or losses were not caused in whole or in part by the negligent acts or omissions of Contractor, its officers, agents or employees (including all Subcontractors and suppliers of all tiers). As used herein, "flood" shall have the same meaning as in the builder's risk property insurance.

3.21.2 Contractor shall promptly repair and replace any Work or materials damaged or destroyed for which the Contractor is liable under Article 3.21.1.

3.22 INDEMNIFICATION

3.22.1 Contractor shall indemnify, defend and hold harmless University, University's consultants, University's Representative, University's Representative's consultants, and their respective directors, officers, agents, and employees from and against losses (including without limitation the cost of repairing defective work and remedying the consequences of defective work) arising out of, resulting from, or relating to the following:

- .1 The failure of Contractor to perform its obligations under the Contract.
- .2 The inaccuracy of any representation or warranty by Contractor given in accordance with or contained in the Contract Documents.
- .3 Any claim of damage or loss by any Subcontractor against University arising out of any alleged act or omission of Contractor or any other Subcontractor, or anyone directly or indirectly employed by Contractor or any Subcontractor.
- .4 Any claim of damage or loss resulting from Hazardous Materials introduced, discharged, or disturbed by Contractor as required per Article 3.19.6.

3.22.2 The University shall not be liable or responsible for any accidents, loss, injury (including death) or damages happening or accruing during the term of the performance of the Work herein referred to or in connection therewith, to persons and/or property, and Contractor shall fully indemnify, defend and hold harmless University and protect University from and against the same as provided in paragraph 3.22.1 above. In addition to the liability imposed by law upon the Contractor for damage or injury (including death) to persons or property by reason of the negligence of the Contractor, its officers, agents, employees or Subcontractors, which liability is not impaired or otherwise affected hereby, the Contractor shall defend, indemnify, hold harmless, release and forever discharge the University, its officers, employees, and agents from and against and waive any and all responsibility of same for every expense, liability, or payment by reason of any damage or injury (including death) to persons or property suffered or claimed to have been suffered through any negligent act, omission, or willful misconduct of the Contractor, its officers, agents, employees, or any of its Subcontractors, or anyone directly or indirectly employed by either of them or from the condition of the premises or any part of the premises while in control of the Contractor, its officers, agents, employees, or any of its Subcontractors or anyone directly or indirectly employed by either of them, arising out of the performance of the Work called for by this Contract. Contractor agrees that this indemnity and hold harmless shall apply

even in the event of negligence of University, its officers, agents, or employees, regardless of whether such negligence is contributory to any claim, demand, loss, damage, injury, expense, and/or liability; but such indemnity and hold harmless shall not apply (i) in the event of the sole negligence of University, its officers, agents, or employees; or (ii) to the extent that the University shall indemnify and hold harmless the Contractor for Hazardous Materials pursuant to Article 3.19.5 .

3.22.3 In claims against any person or entity indemnified under this Article 3.22 that are made by an employee of Contractor or any Subcontractor, a person indirectly employed by Contractor or any Subcontractor, or anyone for whose acts Contractor or any Subcontractor may be liable, the indemnification obligation under this Article 3.22 shall not be limited by any limitation on amount or type of damages, compensation, or benefits payable by or for Contractor or any Subcontractor under workers' compensation acts, disability benefit acts, or other employee benefit acts.

3.22.4 The indemnification obligations under this Article 3.22 shall not be limited by any assertion or finding that the person or entity indemnified is liable by reason of a non-delegable duty.

3.22.5 Contractor shall indemnify University from and against Losses resulting from any claim of damage made by any Separate Contractor against University arising out of any alleged acts or omissions of Contractor, any Subcontractor, anyone directly or indirectly employed by either of them, or anyone for whose acts either of them may be liable.

3.22.6 Contractor shall indemnify Separate Contractors from and against Losses arising out of the negligent acts, omissions, or willful misconduct of Contractor, any Subcontractor, anyone directly or indirectly employed by either of them, or anyone for whose acts either of them may be liable.

ARTICLE 4 ADMINISTRATION OF THE CONTRACT

4.1 ADMINISTRATION OF THE CONTRACT BY UNIVERSITY'S REPRESENTATIVE

4.1.1 University's Representative will provide administration of the Contract as provided in the Contract Documents and will be the representative of University. University's Representative will have authority to act on behalf of University only to the extent provided in the Contract Documents.

4.1.2 University's Representative will have the right to visit the Project site at such intervals as deemed appropriate by the University's Representative. However, no actions taken during such Project site visit by University's Representative shall relieve Contractor of its obligations as described in the Contract Documents.

4.1.3 University's Representative will not have control over, will not be in charge of, and will not be responsible for construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the Work, since these are solely Contractor's responsibility.

4.1.4 Except as otherwise provided in the Contract Documents or when direct communications have been specifically authorized, University and Contractor shall communicate through University's Representative. Except when direct communication has been specifically authorized in writing by University Representative, communications by Contractor with University's consultants and University's Representative's consultants shall be through University's Representative. Communications by University and University's Representative with Subcontractors will be through Contractor. Communications by Contractor and Subcontractors with Separate Contractors shall be through University's Representative. Contractor shall not rely on oral or other non-written communications.

4.1.5 Based on University's Representative's Project site visits and evaluations of Contractor's Applications For Payment, University's Representative will recommend amounts, if any, due Contractor and will issue Certificates For Payment in such amounts.

4.1.6 University's Representative will have the authority to reject the Work, or any portion thereof, which does not conform to the Contract Documents. University's Representative will have the authority to stop the Work or any portion thereof. Whenever University's Representative considers it necessary or advisable for implementation of the intent of the Contract Documents, University's Representative will have the authority to require additional inspection or testing of the Work in accordance with the Contract Documents, whether or not such Work is fabricated, installed, or completed. However, no authority of University's Representative

conferred by the Contract Documents nor any decision made in good faith either to exercise or not exercise such authority, will give rise to a duty or responsibility of University or University's Representative to Contractor, or any person or entity claiming under or through Contractor.

4.1.7 University's Representative will have the authority to conduct inspections as provided in the Contract Documents, to take Beneficial Occupancy and to determine the dates of Substantial Completion and Final Completion; will receive for review and approval any records, written warranties, and related documents required by the Contract Documents and assembled by Contractor; and will issue a final Certificate For Payment upon Contractor's compliance with the requirements of the Contract Documents.

4.1.8 University's Representative will be, in the first instance, the interpreter of the requirements of the Contract Documents and the judge of performance thereunder by Contractor. Should Contractor discover any conflicts, omissions, or errors in the Contract Documents; have any questions about the interpretation or clarification of the Contract Documents; question whether Work is within the scope of the Contract Documents; or question that Work required is not sufficiently detailed or explained, then, before proceeding with the Work affected, Contractor shall notify University's Representative in writing and request interpretation, clarification, or furnishing of additional detailed instructions. University's Representative's response to questions and requests for interpretations, clarifications, instructions, or decisions will be made with reasonable promptness. Should Contractor proceed with the Work affected before receipt of a response from University's Representative, any portion of the Work which is not done in accordance with University's Representative's interpretations, clarifications, instructions, or decisions shall be removed or replaced and Contractor shall be responsible for all resultant losses.

4.2 CONTRACTOR CHANGE ORDER REQUESTS

4.2.1 Contractor may request changes to the Contract Sum and/or Contract Time for Extra Work, materially differing site conditions, or Delays to Final Completion of the Work.

4.2.2 Conditions precedent to obtaining an adjustment of the Contract Sum and/or Contract Time, payment of money, or other relief with respect to the Contract Documents, for any other reason, are:

- .1 Timely submission of a Change Order Request that meets the requirements of Articles 4.2.3.1 and 4.2.3.2; and
- .2 If requested, timely submission of additional information requested by the University Representative pursuant to Article 4.2.3.3.

4.2.3 Change Order Request:

4.2.3.1 A Change Order Request will be deemed timely submitted if, and only if, it is submitted within 7 days of the date the Contractor discovers, or reasonably should discover the circumstances giving rise to the Change Order Request, unless additional time is allowed in writing by University's Representative for submission of the Change Order Request, provided that if :

- .1 the Change Order Request includes compensation sought by a Subcontractor; AND
- .2 the Contractor requests in writing to the University's Representative, within the 7-day time period, additional time to permit Contractor to conduct an appropriate review of the Subcontractor Change Order Request,

the time period for submission of the actual Change Order Request shall be extended by the number of days specified in writing by the University's Representative.

4.2.3.2 A Change Order Request must state that it is a Change Order Request, state and justify the reason for the request, and specify the amount of any requested adjustment of the Contract Sum, Contract Time, and/or other monetary relief. If the Contractor requests an adjustment to the Contract Sum or other monetary relief, the Contractor shall submit the following with the Change Order Request:

- .1 a completed Cost Proposal in the form contained in the Exhibits meeting the requirements of Article 7; OR

- .2 a partial Cost Proposal and a declaration of what required information is not then known to Contractor. If Contractor failed to submit a completed Cost Proposal with the Change Order Request, Contractor shall submit a completed Cost Proposal meeting the requirements of Article 7 within 7 days of the date the Contractor submitted the Change Order Request unless additional time is allowed by the University's Representative.

4.2.3.3 Upon request of University's Representative, Contractor shall submit such additional information as may be requested by University's Representative for the purpose of evaluating the Change Order Request. Such additional information may include:

- .1 If Contractor seeks an adjustment of the Contract Sum or other monetary relief, actual cost records for any changed or extra costs (including without limitation, payroll records, material and rental invoices and the like), shall be submitted by the deadline established by the University's Representative, who may require such actual cost records to be submitted and reviewed, on a daily basis, by the University's Representative and/or representatives of the University's Representative.
- .2 If Contractor seeks an adjustment of the Contract Time, written documentation demonstrating Contractor's entitlement to a time extension under Article 8.4, which shall be submitted within 15 days of the date requested. If requested, Contractor may submit a fragnet in support of its request for a time extension. The University may, but is not obligated to, grant a time extension on the basis of a fragnet alone which, by its nature, is not a complete schedule analysis. If deemed appropriate by University Representative, Contractor shall submit a more detailed schedule analysis in support of its request for a time extension.
- .3 If Contractor seeks an adjustment of the Contract Sum or other monetary relief for delay, written documentation demonstrating Contractor's entitlement to such an adjustment under Article 7.3.9, which shall be submitted within 15 days of the date requested.
- .4 Any other information requested by the University's Representative for the purpose of evaluating the Change Order Request, which shall be submitted by the deadline established by the University's Representative.

4.2.4 University's Representative will make a decision on a Change Order Request, within a reasonable time, after receipt of a Change Order Request. In the event the Change Order Request is submitted pursuant to Article 8.4.1, the University's Representative shall promptly review and accept or reject it within thirty (30) days. A final decision is any decision on a Change Order Request which states that it is final. If University's Representative issues a final decision denying a Change Order Request in whole or in part, Contractor may contest the decision by filing a timely Claim under the procedures specified in Article 4.4.

4.2.5 Contractor may file a written demand for a final decision by University's Representative on all or part of any Change Order Request as to which the University's Representative has not previously issued a final decision pursuant to Article 4.2.4; such written demand may not be made earlier than the 30th day after submission of the Change Order Request. Within 30 days of receipt of the demand, University's Representative will issue a final decision on the Change Order Request. The University's Representative's failure to issue a decision within the 30-day period shall be treated as the issuance, on the last day of the 30-day period, of a final decision to deny the Change Order Request in its entirety.

4.3 CLAIMS

4.3.1 The term "Claim" means a written demand or assertion by Contractor seeking an adjustment or interpretation of the terms of the Contract Documents, payment of money, extension of time, or other relief with respect to the Contract Documents, including a determination of disputes or matters in question between University and Contractor arising out of or related to the Contract Documents or the performance of the Work. However, the term "Claim" shall not include, and the Claims procedures provided under this Article 4, including but not limited to arbitration, shall not apply to the following:

- .1 Claims respecting penalties for forfeitures prescribed by statute or regulation which

- a government agency is specifically authorized to administer, settle, or determine.
- .2 Claims respecting personal injury, death, reimbursement, or other compensation arising out of or resulting from liability for personal injury or death.
- .3 Claims by University, except as set forth in Articles 4.5, 4.6, and 4.7.
- .4 Claims respecting stop payment notices.

4.3.2 A Claim arises upon the issuance of a written final decision denying in whole or in part Contractor's Change Order Request pursuant to Articles 4.2.4 and 4.2.5.

4.3.3 A Claim must include the following:

- .1 A statement that it is a Claim and a request for a decision pursuant to Article 4.5.
- .2 A detailed factual narrative of events fully describing the nature and circumstances giving rise to the Claim, including but not limited to, necessary dates, locations, and items of work affected.
- .3 A certification, executed by Contractor, that the claim is filed in good faith. The certification must be made on the Claim Certification form, included in the Exhibits to the Contract. The language of the Claim Certification form may not be modified.
- .4 A certification, executed by each Subcontractor claiming not less than 5% of the total monetary amount sought by the claim, that the subcontractor's portion of the claim is filed in good faith. The certification must be made on the Claim Certification form, included in the Exhibits to the Contract. The language of the Claim Certification form may not be modified.
- .5 A statement demonstrating that a Change Order Request was timely submitted as required by Article 4.2.3
- .6 If a Cost Proposal or declaration was required by Article 4.2.3, a statement demonstrating that the Cost Proposal or the declaration was timely submitted as required by Article 4.2.3.
- .7 A detailed justification for any remedy or relief sought by the Claim, including to the extent applicable, the following:
 - .1 If the Claim involves Extra Work, a detailed cost breakdown of the amounts claimed, including the items specified in Article 7.3.2. An estimate of the costs must be provided even if the costs claimed have not been incurred when the Claim is submitted. To the extent costs have been incurred when the Claim is submitted, the Claim must include actual cost records (including without limitation, payroll records, material and rental invoices and the like) demonstrating that costs claimed have actually been incurred. To the extent costs have not yet been incurred at the time the Claim is submitted, actual cost records must be submitted on a current basis not less than once a month during any periods costs are incurred. A cost record will be considered current if submitted within 30 days of the date the cost reflected in the record is incurred. At the request of the University's Representative, claimed extra costs may be subject to further verification procedures (such as having an inspector verify the performance of alleged Extra Work on a daily basis). The cost breakdown must include an itemization of costs for i) labor including workers' names, classifications, regular hours and overtime hours worked, dates worked, and other pertinent information; ii) materials stored or incorporated in the work including invoices, purchase orders, location of materials either stored or incorporated into the work, dates materials were transported to the project or incorporated into the work, and other pertinent information; and iii) itemization of machinery and equipment including make, model, hours of use, dates of use and equipment rental rates of any rented equipment.
 - .2 If the Claim involves an extension of the Contract Time, written documentation demonstrating the Contractor's entitlement to a time extension under Article 8.4, including the specific dates for which a time extension is sought and the specific reasons for entitlement of a time extension.
 - .3 If the Claim involves an adjustment of the Contract Sum for delay, written

documentation demonstrating the Contractor's entitlement to such an adjustment under Article 7.3.9, including but not limited to, a detailed time impact analysis of the Contract Schedule. The Contract Schedule must demonstrate Contractor's entitlement to such an adjustment under Article 7.3.9.

4.4 ASSERTION OF CLAIMS

4.4.1 Claims by Contractor shall be first submitted to University's Representative for decision.

4.4.2 Notwithstanding the making of any Claim or the existence of any dispute regarding any Claim, unless otherwise directed by University's Representative, Contractor shall not cause any delay, cessation, or termination in or of Contractor's performance of the Work, but shall diligently proceed with performance of the Work in accordance with the Contract Documents.

4.4.3 Contractor shall submit a Claim in writing, together with all supporting data specified in Article 4.3.3, to University's Representative as soon as possible but not later than 30 days after the date the Claim arises under Article 4.3.2, provided that after written notification to the University's Representative within such time period, the time period for submission of the Claim shall be extended by the number of days specified in writing by the University's Representative where the Claim includes compensation sought by a Subcontractor and the Contractor requests an extension of time to permit it to discharge its responsibilities to conduct an appropriate review of the Subcontractor claim.

4.4.4 Strict compliance with the requirements of Articles 4.2, 4.3 and 4.4 are conditions precedent to Contractor's right to an informal conference to meet and confer to resolve a Claim, mediate a Claim, or arbitrate or litigate a Claim. Contractor specifically agrees to assert no Claims via an informal conference, mediation, arbitration or litigation unless there has been strict compliance with Articles 4.2, 4.3, and 4.4. The failure of Contractor to strictly comply with the requirements of Articles 4.2, 4.3 and 4.4 constitutes a failure by Contractor to exhaust its administrative remedies with the University, thereby denying any court or arbitration panel of jurisdiction to adjudicate the Claim.

4.5 DECISION OF UNIVERSITY'S REPRESENTATIVE ON CLAIMS

4.5.1 University's Representative will timely review Claims submitted by Contractor. If University's Representative determines that additional supporting data are necessary to fully evaluate a Claim, University's Representative will request such additional supporting data in writing. Such data shall be furnished no later than 10 days after the date of such request. University's Representative will render a decision promptly and in any case within 30 days after the later of the receipt of the Claim or the deadline for furnishing such additional supporting data; provided that, if the amount of the Claim is in excess of \$50,000, the aforesaid 30-day period shall be 45 days. Failure of University's Representative to render a decision by the applicable deadline will be deemed a decision denying the Claim on the date of the deadline, unless, upon receipt of a Claim, Contractor and University mutually agree to extend the time periods provided herein, or unless otherwise extended by law. The decision of University's Representative will be final and binding unless appealed in accordance with Articles 4.5.2, 4.6, and 4.7. The University's Representative's decision on a Claim or dispute will include a written statement both identifying all disputed and undisputed portions of the Claim and substantially including the following:

"This is a decision under Article 4.5 of the General Conditions of your contract. If you are dissatisfied with the decision, and if you complied with the procedural requirements for asserting claims specified in Article 4 of the General Conditions of your contract, you may have the right to demand in writing an informal conference to meet and confer for settlement of any remaining issues in dispute, following which, if still dissatisfied, you may demand in writing a further resolution via nonbinding mediation, after which you have the right to arbitrate or litigate this decision. If you fail to take appropriate action within 30 days of the date of this decision, the decision shall become final and binding and not subject to further appeal."

4.5.2 If either Contractor or University disputes University's Representative's decision on a Claim, then, within 30 days after the decision of University's Representative on the Claim, or, if no decision has been issued, within 30 days from the date of the applicable deadline in Article 4.5.1 for University Representative

to render a decision, such party (the "Disputing Party") must provide written notice demanding an informal conference to meet and confer. University shall schedule the conference within 30 days upon receipt of the notice demanding an informal conference. The parties will attempt in good faith to resolve any controversy or Claim arising out of or relating to this Contract by negotiation at the conference.

4.6 MEDIATION

4.6.1 Within 10 business days following the informal conference to meet and confer stated in Article 4.5.2, if the Claim or any portion of the Claim remains in dispute, the University shall provide a written statement identifying the disputed and undisputed portions of the Claim. Within 30 days of receipt of the statement, if either Contractor or University disputes any portion of the Claim, then the Disputing Party must provide written notice to the non-disputing party demanding non-binding mediation. The Contractor and the University shall share the associated costs equally and shall mutually agree to a mediator within 10 business days. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the Claim, with each party bearing the fees and costs of its respective mediator. Mediation shall include, but not be limited to, neutral evaluation, a dispute review board, or other negotiation or evaluation through an independent third party or board. The Contractor and the University may mutually agree to waive any individual mediation in writing and proceed to arbitration or litigation pursuant to this Contract.

4.7 LITIGATION AND ARBITRATION

4.7.1 Either party may provide a written notice of its election to arbitrate or provide written notice of its election to litigate the Claim within 30 days after the mediation pursuant to Article 4.6.1, or, if the parties mutually agreed in writing to waive mediation, within 30 days after the agreement is signed by both parties.

4.7.2 If a notice of election to arbitrate or litigate is not given by either party within 30 days pursuant to Article 4.7.1, University's Representative's decision on the Claim will be final and binding and not subject to appeal or challenge.

4.7.3 If the Disputing Party gives timely notice of its election to arbitrate the University's Representative's decision on a Claim, Disputing Party shall have the right, within 120 days after a Notice of Completion, or a Notice of Cessation, as applicable, is filed for the Contract, to make a demand for arbitration in accordance with Article 4.7. Failure to perfect a Claim for which a timely election to arbitrate has been made by the timely filing of a demand for arbitration and timely payment of all applicable and required fees to the American Arbitration Association ("AAA") shall result in the University's Representative's decision on said Claim becoming final and binding and not subject to appeal or challenge. If the Disputing Party makes a timely demand for arbitration, and the amount of the Claim in question, when combined with all other Claims, if any, which are the subject of previously filed demands for arbitration that have not been resolved by settlement or arbitration award, is \$100,000 or more, then the other party may elect to litigate all such Claims by filing a written notice with the "AAA" within 30 days after its receipt of notice from the AAA of the Disputing Party's demand for arbitration of the Claim that raises the total amount of Claims subject to arbitration to \$100,000 or more. If the other party fails to give notice of its election to litigate within such 30-day period, it shall be deemed to have consented to arbitration and waived the right to litigate. If after commencement of arbitration the amount of unresolved Claims in arbitration are allowed to be increased to \$100,000 or more, through an AAA-allowed amendment or otherwise, either party may elect to litigate within 30 days following the date that the electing party first receives written notification from the AAA that total Claims in arbitration equal or exceed \$100,000. If neither party gives notice of its election to litigate within such 30-day period as applicable, then both parties shall be deemed to have consented to arbitration and waived the right to litigate.

4.7.4 A demand for arbitration pursuant to Article 4.7.3 shall include a copy of the Claim presented to University's Representative pursuant to Article 4.4, a copy of the decision of University's Representative pursuant to Article 4.5, if any, a copy of the University's written statement identifying the portion of the Claim that remained in dispute following the informal conference pursuant to Article 4.6.1, and a summary of the remaining portions of the Claim in dispute. The demand shall state the amount in controversy, if any, and state the remedy sought. The demand shall identify the University's Responsible Administrator as the representative of the responding party and the Office of the General Counsel as counsel for the responding party. The demand shall be filed with the AAA and shall not be deemed to have been made until all applicable fees have been paid to the AAA by the demanding party. Copies of the demand and attachments shall be

sent to University's Responsible Administrator as the representative of the responding party and the University's Office of General Counsel as attorney for the responding party, at the addresses set forth in the Project Directory, at the time the demand for arbitration is initiated with the AAA.

4.7.5 Except as modified by this Article 4.7, arbitration shall be initiated and conducted in accordance with the Construction Industry Arbitration Rules of the AAA then in effect. The following additional modifications shall be made to the aforesaid AAA rules:

- .1 Civil discovery shall be permitted for the production of documents and taking of depositions. Other discovery may be permitted at the discretion of the arbitrator. All disputes regarding discovery shall be decided by the arbitrator.
- .2 University's Representative and/or University's consultants, shall if required by agreement with University, upon demand by University join in and be bound by the Arbitration. University's Representative and University's consultants will have the same rights in any arbitration proceeding as are afforded by the AAA rules to Contractor and University.
- .3 Contractor's sureties shall be bound by any arbitration award and may join in any arbitration proceeding.
- .4 Except as provided in Articles 4.7.5.2. and 4.7.5.3 above, no Subcontractor or other person shall have a right or obligation to join in or be a party to any arbitration proceeding provided for in this Article 4 either directly, by joinder, by consolidation or actions, by counterclaim or crossclaim, or otherwise without the express written consent of University, Contractor, and the joining party.
- .5 If more than one demand for arbitration is made by a party with respect to Claims referred to University's Representative, all such Claims shall be consolidated into a single arbitration unless the parties otherwise agree in writing.
- .6 If total Claims are less than \$50,000, the AAA expedited procedures as modified by this Article 4 shall apply. If total Claims are between \$50,000 and \$100,000 they shall be heard by a single arbitrator who shall be an attorney. If total Claims are in excess of \$100,000 and are submitted to arbitration, either by agreement or by failure to elect litigation the controversy shall be heard by a panel of three arbitrators, one of which shall be an attorney.
- .7 No arbitrator shall be appointed and no discovery may be commenced prior to the date of Final Completion unless University and Contractor otherwise agree.
- .8 The exclusive forum for determining arbitrability shall be the Superior Court of the State of California. The AAA shall not submit to any arbitrator any matter concerning the arbitrability of the dispute if the arbitrability is contested.
- 9 If the expedited procedures of the AAA are applicable, the AAA shall submit simultaneously to each party an identical list of 7 proposed arbitrators drawn from the National Panel of Commercial Arbitrators, and each party may strike 3 names from the list on a peremptory basis and return the list to the AAA within 10 days from the date of receipt.
- .10 Except as provided herein, the arbitration shall be conducted and enforced under California law, including the California Arbitration Act (California Code of Civil Procedure section 1280 and following). The Federal Arbitration Act shall not apply to the arbitration.

4.7.6 Unless University and Contractor otherwise agree in writing, the arbitration decision shall be binding upon the parties, made under and in accordance with the laws of the State of California, supported by substantial evidence, and in writing. If the total of all Claims or cross Claims submitted to arbitration is in excess of \$50,000, the award shall contain the basis for the decision, findings of fact, and conclusions of law. Any arbitration award shall be subject to confirmation, vacation, or correction under the procedures and on the grounds specified in the California Code of Civil Procedure including without limitation Section 1296. The expenses and fees of the arbitrators and the administrative fees of the AAA shall be divided among the parties equally. Each party shall pay its own counsel fees, witness fees, and other expenses incurred for its own benefit.

4.7.7 University may, but is not required, to assert as a counterclaim any matter arising out of the claims asserted by Contractor in the arbitration. University's failure to assert any such counterclaim in an arbitration shall be without prejudice to the University's right to assert the counterclaim in litigation or other proceeding.

4.7.8 Any litigation shall be filed in the Superior Court of the State of California for the County in which the

contract was to be performed.

4.8 WAIVER

4.8.1 A waiver of or failure by University or University's Representative to enforce any requirement in this Article 4 in connection with any Claim shall not constitute a waiver of, and shall not preclude the University or University's Representative from enforcing such requirements in connection with any other Claims.

4.8.2 The Contractor agrees and understands that no oral approval, either express or implied, of any Claim shall be binding upon University unless and until such approval is ratified by execution of a written Change Order.

ARTICLE 5 SUBCONTRACTORS

5.1 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

5.1.1 Unless otherwise stated in the Contract Documents, Contractor shall submit in writing, prior to entering into subcontract agreements, the names and addresses of all Subcontractors proposed for the Work that were not previously listed in Contractor's Bid.

5.1.2 Any Subcontractor may be disqualified if University or University's Representative determines that such Subcontractor fails to meet the requirements of the Contract Documents or for any other reason.

5.1.3 In accordance with the Subletting and Subcontracting Fair Practices Act, nothing herein shall be deemed to entitle Contractor, without the approval of University, to substitute other subcontractors for those named in Contractor's List of Subcontractors and List of Changes in Subcontractors Due to Alternates contained in the completed Bid Form; and, except with such approval, no such substitution shall be made.

5.1.4 Except as hereinafter provided, any increase in the cost of the Work resulting from the replacement or substitution of a Subcontractor, as required by University or University's Representative pursuant to Article 5.1.1 shall be borne solely by Contractor and Contractor shall not be entitled to any increase in Contract Sum or extension of Contract Time on account of such replacement or substitution.

5.2 SUBCONTRACTUAL RELATIONS

5.2.1 Any part of the Work performed for Contractor by a first-tier Subcontractor shall be pursuant to a written subcontract. Each such subcontract shall require the Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to Contractor by the terms of the Contract Documents, to assume toward Contractor all the obligations and responsibilities which Contractor assumes towards University by the Contract Documents, and to perform such portion of the Work in accordance with the Contract Documents. Each such subcontract shall preserve and protect the rights of University under the Contract Documents, with respect to the Work to be performed by Subcontractor, so that subcontracting thereof will not prejudice such rights. Contractor shall cause each such subcontract to expressly include the following requirements:

- .1 Subcontractor waives all rights that Subcontractor may have against University for damages caused by fire or other perils covered by builder's risk property insurance carried by Contractor or University, except for such rights Subcontractor may have to the proceeds of such insurance held by University under Article 11.
- .2 University and entities and agencies designated by University will have access to and the right to audit and the right to copy at University's cost all of Subcontractor's books, records, contracts, correspondence, instructions, drawings, receipts, vouchers, purchase orders, and memoranda relating to the Work. Subcontractor shall preserve all such records and other items for a period of at least 3 years after Final Completion.
- .3 Subcontractor recognizes the rights of University under Article 5.3, Contingent Assignment of Subcontracts, and agrees, upon notice from University that University has elected to accept said assignment and to retain Subcontractor pursuant to the terms of the subcontract, to complete the unperformed obligations under the subcontract and, if requested by University, to execute a written agreement confirming that Subcontractor is bound to University under the terms of

the subcontract.

5.2.2 Upon the request of University, Contractor shall promptly furnish to University a true, complete, and executed copy of any subcontract.

5.2.3 Nothing contained in the Contract Documents shall create any contractual relationship between any Subcontractor and University, except when, and only to the extent that, University elects to accept the assignment of the subcontract with such Subcontractor pursuant to Article 5.3, Contingent Assignment of Subcontracts.

5.3 CONTINGENT ASSIGNMENT OF SUBCONTRACTS

5.3.1 Contractor hereby assigns to University all its interest in first-tier subcontracts now or hereafter entered into by Contractor for performance of any part of the Work. The assignment will be effective upon acceptance by University in writing and only as to those subcontracts which University designates in writing. University may accept said assignment at any time during the course of the Work and prior to Final Completion in the event of a suspension or termination of Contractor's rights under the Contract Documents. Such assignment is part of the consideration to University for entering into the Contract with Contractor and may not be withdrawn prior to Final Completion.

ARTICLE 6 CONSTRUCTION BY UNIVERSITY OR BY SEPARATE CONTRACTORS

6.1 UNIVERSITY'S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

6.1.1 University reserves the right to award separate contracts for, or to perform with its own forces, construction or operations related to the Work or other construction or operations at or affecting the Project site, including portions of the Work which have been deleted by Change Order. Contractor shall cooperate with University's forces and Separate Contractors.

6.1.2 University will provide coordination of the activities of University's forces and of each Separate Contractor with the Work of Contractor. Contractor shall participate with University and Separate Contractors in joint review of construction schedules and Project requirements when directed to do so. Contractor shall make necessary revisions to the Contract Schedule after such joint review.

6.2 MUTUAL RESPONSIBILITY

6.2.1 Contractor shall afford University and Separate Contractors reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities. Contractor shall connect, schedule, and coordinate its construction and operations with the construction and operations of University and Separate Contractors as required by the Contract Documents.

6.2.2 If a portion of the Work is dependent upon the proper execution or results of other construction or operations by University or Separate Contractors, Contractor shall inspect such other construction or operations before proceeding with that portion of the Work. Contractor shall promptly report to University's Representative apparent discrepancies or defects which render the other construction or operations unsuitable to receive the Work. Unless otherwise directed by University's Representative, Contractor shall not proceed with the portion of the Work affected until apparent discrepancies or defects have been corrected. Failure of Contractor to so report within a reasonable time after discovering such discrepancies or defects shall constitute an acknowledgment that the other construction or operations by University or Separate Contractors is suitable to receive the Work, except as to defects not then reasonably discoverable.

6.3 UNIVERSITY'S RIGHT TO CLEAN UP

6.3.1 If a dispute arises between Contractor and Separate Contractors as to the responsibility under their respective contracts for maintaining the Project site and surrounding areas free from waste materials and rubbish, University may clean up and allocate the cost between those firms it deems to be responsible.

ARTICLE 7 CHANGES IN THE WORK

7.1 CHANGES

7.1.1 University may, from time to time, order or authorize additions, deletions, and other changes in the Work by Change Order or Field Order without invalidating the Contract and without notice to sureties. Absence of such notice shall not relieve such sureties of any of their obligations to University.

7.1.2 Contractor may request a Change Order under the procedures specified in Article 4.2.

7.1.3 A Field Order may be issued by University, does not require the agreement of Contractor, and shall be valid with or without the signature of Contractor.

7.1.4 Contractor shall proceed promptly with any changes in the Work, unless otherwise provided in the relevant Change Order or Field Order.

7.2 DEFINITIONS

7.2.1 A Change Order is a Contract Document (as shown in the Exhibits) which has been signed by both University and Contractor, and states their agreement, as applicable, to the following:

- .1 A change in the Work, if any.
- .2 The amount of an adjustment of the Contract Sum, if any.
- .3 The amount of an adjustment of the Contract Time, if any.
- .4 A modification to any other Contract term or condition.

7.2.2 A Unilateral Change Order may be issued by University, without the Contractor's signature, where the University determines that a change in the Work requires an adjustment of the Contract Sum or Contract Time, even though no agreement has been reached between University and Contractor with regard to such change in the Work.

7.2.3 A Field Order (as shown in the Exhibits) is a Contract Document issued by the University that orders the Contractor to perform Work. A Field Order may, but need not, constitute a change in the Work and may, but need not, entitle Contractor to an adjustment of the Contract Sum or Contract Time.

7.3 CHANGE ORDER PROCEDURES

7.3.1 Contractor shall provide a Change Order Request and Cost Proposal pursuant to Article 4.2 and this Article 7.3 of the General Conditions. Adjustments of the Contract Sum resulting from Extra Work and Deductive Work shall be determined using one of the methods described in this Article 7.3. Adjustments of the Contract Time shall be subject to the provisions in Article 8. Contractor's obligation to provide Cost Proposals shall be subject to the following:

- .1 The obligation of Contractor to provide Cost Proposals is not Extra Work, and shall not entitle the Contractor to an adjustment of the Contract Sum or Contract Time.
- .2 The failure of Contractor to timely provide a Cost Proposal pursuant to Article 4.2 and this Article 7.3.1 is a material breach of the Contract. Contractor shall be responsible for any delay in implementing a change for which Contractor failed to timely provide a Cost Proposal consistent with the requirements of Article 4.2 and this Article 7.3.1.

7.3.2 The term "Cost of Extra Work" as used in this Article 7.3 shall mean actual costs incurred or to be incurred by Contractor and each Subcontractor regardless of tier involved, to the extent not otherwise disallowed under Article 7.3.3, and shall be limited to the following (to the extent the Contractor demonstrates that the costs are both reasonable and actually incurred, if such costs have been incurred):

- .1 Straight-time wages or salaries for employees employed at the Project site, or at fabrication sites off the Project site, incurred as a result of the performance of the Extra Work.
- .2 Fringe Benefits and Payroll Taxes for employees employed at the Project site, or at fabrication sites off the Project site, incurred as a result of the performance of the Extra Work.
- .3 Overtime wages or salaries, specifically authorized in writing by University's

- Representative, for employees employed at the Project site, or at fabrication sites off the Project site, incurred as a result of the performance of the Extra Work.
- .4 Fringe Benefits and Payroll Taxes for overtime Work specifically authorized in writing by University's Representative, for employees employed at the Project site, or at fabrication sites off the Project site, incurred as a result of the performance of the Extra Work.
 - .5 Costs of materials and consumable items which are furnished and incorporated into the Extra Work, as approved by University's Representative. Such costs shall be charged at the lowest price available to the Contractor but in no event shall such costs exceed competitive costs obtainable from other subcontractors, suppliers, manufacturers, and distributors in the area of the Project site. All discounts, rebates, and refunds and all returns from sale of surplus materials and consumable items shall accrue to University and Contractor shall make provisions so that they may be obtained.
 - .6 Sales taxes on the costs of materials and consumable items which are incorporated into and used in the performance of the Extra Work pursuant to Article 7.3.2.5 above.
 - .7 Rental charges for necessary machinery and equipment, whether owned or hired, as authorized in writing by University's Representative, exclusive of hand tools, used directly in the performance of the Extra Work. Such rental charges shall not exceed the current Equipment Rental Rates published by the California Department of Transportation for the area in which the work is performed. Such rental rates are found at <http://www.dot.ca.gov/hq/construc/equipmnt.html> . Contractor shall attach a copy of said schedule to the Cost Proposal. The charges for any machinery and equipment shall cease when the use thereof is no longer necessary for the Extra Work.
 - .8 Additional costs of royalties and permits due to the performance of the Extra Work.
 - .9 The cost for Insurance and Bonds shall not exceed 2% of items .1 through .8 above.

University and Contractor may agree upon rates to be charged for any of the items listed in this Article 7.3.2. Such agreed upon rates shall be subject to audit pursuant to Article 15.7. Contractor shall promptly refund to University any amounts (including associated mark-ups) in excess of the actual costs of such items.

7.3.3 Cost of Extra Work shall not include any of the following:

- .1 Supervision
- .2 Superintendent(s).
- .3 Assistant Superintendent(s).
- .4 Project Engineer(s).
- .5 Project Manager(s).
- .6 Scheduler(s).
- .7 Estimator(s).
- .8 Small tools (Replacement value does not exceed \$300).
- .9 Office expenses including staff, materials and supplies.
- .10 On-site or off-site trailer and storage rental and expenses.
- .11 Site fencing.
- .12 Utilities including gas, electric, sewer, water, telephone, facsimile, copier equipment.
- .13 Data processing personnel and equipment.
- .14 Federal, state, or local business income and franchise taxes.
- .15 Overhead and Profit.
- .16 Costs and expenses of any kind or item not specifically and expressly included in Article 7.3.2.

7.3.4 The term "Contractor Fee" shall mean the full amount of compensation, both direct and indirect (including without limitation all overhead and profit), to be paid to Contractor for its own Work and the Work of all Subcontractors, for all costs and expenses not included in the Cost of Extra Work, whether or not such costs and expenses are specifically referred to in Article 7.3.3. The Contractor Fee shall not be compounded.

The Contractor Fee shall be computed as follows:

- .1 Fifteen percent (15%) of the cost of that portion of the Extra Work to be performed by the prime contractor with its own forces.
- .2 Fifteen percent (15%) of the cost of that portion of the Work to be performed by a Subcontractor with its own forces, plus 5% for the prime contractor. Total combined Contractor and Subcontractor fee shall not exceed 20%.
- .3 Fifteen percent (15%) of the cost of that portion of the Work to be performed by a sub-subcontractor with its own forces, or any lower tier of Subcontractor, plus 5% for the Subcontractor, plus 5% for the prime contractor. Total combined Contractor, Subcontractor and all sub-subcontractor fee shall not exceed 25%.

7.3.5 Compensation for Extra Work shall be computed on the basis of one or more of the following:

- .1 Where the Work involved is covered by Unit Prices contained in the Contract Documents, by application of the Unit Prices to the quantities of the items involved.
- .2 Where Unit Prices are not applicable, a mutually agreed upon lump sum supported by a Cost Proposal pursuant to 7.3.1.
- .3 Where Contractor and University cannot agree upon a lump sum, by Cost of Extra Work plus Contractor Fee applicable to such Extra Work.

7.3.6 As a condition to Contractor's right to an adjustment of the Contract Sum pursuant to Article 7.3.5.3, Contractor must keep daily detailed and accurate records itemizing each element of cost and shall provide substantiating records and documentation, including time cards and invoices. Such records and documentation shall be submitted to University's Representative on a daily basis.

7.3.7 For Work to be deleted by Change Order, the reduction of the Contract Sum shall be computed on the basis of one or more of the following:

- .1 Unit Prices stated in the Contract Documents.
- .2 Where Unit Prices are not applicable, a lump sum agreed upon by University and Contractor, based upon the actual costs which would have been incurred in performing the deleted portions of the Work as calculated in accordance with Articles 7.3.2 and 7.3.3, supported by a Cost Proposal pursuant to Article 7.3.1.

7.3.8 If any one Change involves both Extra Work and Deleted Work in the same portion of the Work, a Contractor fee will not be allowed if the deductive cost exceeds the additive cost. If the additive cost exceeds the deductive cost, a Contractor Fee will be allowed only on the difference between the two amounts.

7.3.9 The Contract Sum will be adjusted for a delay if, and only if, Contractor demonstrates that all of the following three conditions are met:

- .1 Condition Number One: The delay results in an extension of the Contract Time pursuant to Article 8.4.1.
- .2 Condition Number Two: The delay is caused solely by one or more of the following:
 - .1 An error or omission in the Contract Documents; or
 - .2 The University's decision to change the scope of the Work, where such decision is not the result of any default or misconduct of the Contractor; or
 - .3 The University's decision to suspend the Work, where such decision is not the result of any default or misconduct of the Contractor; or
 - .4 The failure of the University (including the University acting through its consultants, Design Professionals, Separate Contractors or the University's Representative) to perform any Contract obligation where the failure to so perform is not the result of any default or misconduct of the Contractor.
 - .5 A materially differing site condition pursuant to Article 3.17.

- .3 Condition Number Three: The delay is not concurrent with a delay caused by an event other than those listed in Article 7.3.9.2.

7.3.10 For each day of delay that meets all three conditions prescribed in Article 7.3.9 the Contract Sum will be adjusted by the daily rate included in the Agreement and specifically identified as the rate to be paid to Contractor for Compensable Delays. Pursuant to Article 9.7.4, said daily rate shall not apply to delays occurring after Substantial Completion.

7.3.11 Except as provided in Articles 7 and 8, Contractor shall have no claim for damage or compensation for any delay, interruption, hindrance, or disruption.

7.3.12 If for any reason one or more of the conditions prescribed in Article 7.3.9 is held legally unenforceable, the remaining conditions must be met as a condition to obtaining an adjustment of the Contract Time under Article 7.3.10.

7.4 FIELD ORDERS

7.4.1 Field Orders issued by the University Representative shall be subject to the following:

- .1 A Field Order may state that it does or does not constitute a change in the Work.
- .2 If the Field Order states that it does not constitute a change in the Work and the Contractor asserts that the Field Order constitutes a change in the Work, in order to obtain an adjustment of the Contract Sum or Contract Time for the Work encompassed by the Field Order, Contractor must follow all procedures set forth in Article 4, starting with the requirement of submitting a timely Change Order Request within 7 days of Contractor's receipt of the Field Order; failure to strictly follow those procedures is a bar to any Claim for an adjustment of the Contract Sum or Contract Time arising from performance of the Work described in the Field Order.
- .3 If the Field Order states that it does constitute a change in the Work, the Work described in the Field Order shall be considered Extra Work and the Contractor shall be entitled to an adjustment of the Contract Sum and Contract Time, calculated under and subject to Contractor's compliance with the procedures for verifying and substantiating costs and delays in Articles 7 and 8.
- .4 In addition, if the Field Order states that it does constitute a change in the Work, the Field Order may or may not contain University's estimate of adjustment of Contract Sum and/or Contract Time. If the Field Order contains an estimate of adjustment of Contract Sum or Contract Time, the Field Order is subject to the following:
 - .1 The Contractor shall not exceed the University's estimate of adjustment to Contract Sum or Contract Time without prior written notification to the University's Representative.
 - .2 If the Contractor asserts that the change in the Work encompassed by the Field Order may entitle Contractor to an adjustment of Contract Sum or Contract Time in excess of the University's estimate, in order not to be bound by University's estimate Contractor must follow all procedures set forth in Article 4, starting with the requirement of submitting a timely Change Order Request within 7 days of Contractor's receipt of the Field Order; failure to strictly follow those procedures is a bar to any Claim for an adjustment of the Contract Sum or Contract Time, in excess of the University's estimate, arising from performance of the Work described in the Field Order.

7.4.2 Upon receipt of a Field Order, Contractor shall promptly proceed to perform the Work as ordered in the Field Order notwithstanding any disagreement by the Contractor concerning whether the Work is extra.

7.5 VARIATION IN QUANTITY OF UNIT PRICE WORK

7.5.1 University has the right to increase or decrease the quantity of any Unit price item for which an Estimated Quantity is stated in the Bid Form.

7.6 WAIVER

7.6.1 A waiver of or failure by University or University's Representative to enforce any requirement in this Article 7, including without limitation the requirements in Articles 7.3.6, 7.3.8, 7.3.9, 7.3.10, 7.3.11, or 7.3.12 in connection with any adjustment of the Contract Sum, will not constitute a waiver of, and will not preclude the University or University's Representative from enforcing, such requirements in connection with any other adjustments of the Contract Sum.

7.6.2 The Contractor agrees and understands that no oral approval, either express or implied, of any adjustment of the Contract Sum by University or its agents shall be binding upon University unless and until such approval is ratified by execution of a written Change Order.

ARTICLE 8 CONTRACT TIME

8.1 COMMENCEMENT OF THE WORK

8.1.1 The date of commencement of the Work shall be set forth in the Notice To Proceed. The date of commencement of the Work shall not be postponed by the failure of Contractor, Subcontractors, or of persons or firms for whom Contractor is responsible, to act.

8.2 PROGRESS AND COMPLETION

8.2.1 By signing the Agreement:

- .1 Contractor represents to University that the Contract Time is reasonable for performing the Work and that Contractor is able to perform the Work within the Contract Time.
- .2 Contractor agrees that University is purchasing the right to have the Contractor present on the Project site for the full duration of the Contract Time, even if Contractor could finish the Contract in less than the Contract Time.

8.2.2 Contractor shall not, except by agreement or instruction of University in writing, commence operations on the Project site or elsewhere prior to the effective date of insurance required by Article 11 to be furnished by Contractor. The dates of commencement and Final Completion of the Work shall not be changed by the effective date of such insurance.

8.2.3 Contractor shall proceed expeditiously with adequate forces and shall achieve full completion of the Work within the Contract Time. If University's Representative determines and notifies Contractor that Contractor's progress is such that Contractor will not achieve full completion of the Work within the Contract Time, Contractor shall immediately and at no additional cost to University, take all measures necessary, including working such overtime, additional shifts, Sundays, or holidays as may be required to ensure that the Work is fully completed within the Contract Time. Upon receipt of such notice from University's representative, Contractor shall immediately notify University's Representative of all measures to be taken to ensure full completion of the Work within the Contract Time. Contractor shall reimburse University for any extra costs or expenses (including the reasonable value of any services provided by University's employees) incurred by University as the result of such measures.

8.3 DELAY

8.3.1 Except and only to the extent provided otherwise in Articles 7 and 8, by signing the Agreement, Contractor agrees:

- .1 to bear the risk of delays to the Work; and
- .2 that Contractor's bid for the Contract was made with full knowledge of this risk.

In agreeing to bear the risk of delays to the Work, Contractor understands that, except and only to the extent provided otherwise in Articles 7 and 8, the occurrence of events that delay the Work shall not excuse

Contractor from its obligation to achieve Final Completion of the Work within the Contract Time, and shall not entitle the Contractor to an adjustment of the Contract Sum.

8.4 ADJUSTMENT OF THE CONTRACT TIME FOR DELAY

8.4.1 Subject to Article 8.4.2, the Contract Time will be extended for each day of delay for which Contractor demonstrates that all of the following four conditions have been met; a time extension will not be granted for any day of delay for which Contractor fails to demonstrate compliance with the four conditions:

- .1 Condition Number One: The delay is critical. A delay is critical if and only to the extent it delays a work activity that cannot be delayed without delaying Final Completion of the Work beyond the Contract Time. Under this Article 8.4.1.2, if the Contract Schedule shows Final Completion of the Work before expiration of the Contract Time, a delay is critical if and only to the extent the delay pushes Final Completion of the Work to a date that is beyond the Contract Time.
- .2 Condition Number Two: Within 7 days of the date the Contractor discovers or reasonably should discover an act, error, omission or unforeseen condition or event causing the delay is likely to have an impact on the critical path of the Project, (even if the Contractor has not yet been delayed when the Contractor discovers or reasonably should discover the critical path impact of the act, error, omission or unforeseen condition giving rise to the delay) the Contractor submits both a timely and complete Change Order Request that meets the requirements of Article 4.2.
- .3 Condition Number Three: The delay is not caused by:
 - .1 A concealed, unforeseen or unknown condition or event except for a materially differing site condition pursuant to Article 3.17; or
 - .2 The financial inability, misconduct or default of the Contractor, a Subcontractor or supplier; or
 - .3 The unavailability of materials or parts.
- .4 Condition Number Four: The delay is caused by:
 - .1 Fire; or
 - .2 Strikes, boycotts, or like obstructive actions by labor organizations; or
 - .3 Acts of God (As used herein, "Acts of God" shall include only earthquakes in excess of a magnitude of 3.5 on the Richter Scale and tidal waves); or
 - .4 A materially differing site condition pursuant to Article 3.17; or
 - .5 An error or omission in the Contract; or
 - .6 The University's decision to change the scope of the Work, where such decision is not the result of any default or misconduct of the Contractor; or
 - .7 The University's decision to suspend the Work, where such decision is not the result of any default or misconduct of the Contractor; or
 - .8 The failure of the University (including the University acting through its consultants, Design Professionals, Separate Contractors or the University's representative) to perform any Contract obligation unless such failure is due to Contractor's default or misconduct.
 - .9 "Adverse weather," but only for such days of adverse weather, or on-site conditions caused by adverse weather, that are in excess of the number of days specified in the Supplementary Conditions. In order for a day to be considered a day of adverse weather for the purpose of determining whether Contractor is entitled to an adjustment in Contract Time, both of the following conditions must be met:

- .1 the day must be a day in which, as a result of adverse weather, less than one half day of critical path work is performed by Contractor; and
- .2 the day must be identified in the Contract Schedule as a scheduled work day.

8.4.2 If and only if a delay meets all four conditions prescribed in Article 8.4.1, then a time extension will be granted for each day that Final Completion of the Work is delayed beyond the Contract Time, subject to the following:

- .1 When two or more delays (each of which meet all four conditions prescribed in Article 8.4.1) occur concurrently on the same day, and each such concurrent delay by itself without consideration of the other delays would be critical, then all such concurrent delays shall be considered critical. For the purpose of determining whether and to what extent the Contract Time should be adjusted pursuant to Article 8.4.2, such concurrent critical delays shall be treated as a single delay for each such day.
- .2 Contractor shall be entitled to a time extension for a day of delay that meets all four requirements of Article 8.4.1 if the delay is concurrent with a delay that does not meet all four conditions of Article 8.4.1.

8.4.3 If for any reason one or more of the four conditions prescribed in Article 8.4.1 is held legally unenforceable, then all remaining conditions must be met as a condition to obtaining an extension of the Contract Time under Article 8.4.2.

8.5 COMPENSATION FOR DELAY

8.5.1 To the maximum extent allowed by law, any adjustment of the Contract Sum as the result of delays shall be limited to the amounts specified in Article 7. Such adjustment shall, to the maximum extent allowed by law, constitute payment in full for all delay related costs (including costs for disruption, interruption and hindrance, general conditions, on and off-site overhead and profit) of Contractor, its Suppliers and Subcontractors of all tiers and all persons and entities working under or claiming through Contractor in connection with the Project.

8.5.2 By signing the Agreement, the parties agree that the University is buying the right to do any or all of the following, which are reasonable and within the contemplation of the parties:

- .1 To order changes in the Work, regardless of the extent and number of changes, including without limitation:
 - .1 Changes to correct errors or omissions, if any, in the Contract Documents.
 - .2 Changes resulting from the University's decision to change the scope of the Work subsequent to execution of the Contract.
 - .3 Changes due to unforeseen conditions.
- .2 To suspend the Work or any part thereof.
- .3 To delay the Work, including without limitation, delays resulting from the failure of the University or the University's Representative to timely perform any Contract obligation and delays for University's convenience.

8.6 WAIVER

8.6.1 A waiver of or failure by University or University's Representative to enforce any requirement in this Article 8, including without limitation the requirements in Article 8.4, in connection with any or all past delays shall not constitute a waiver of, and shall not preclude the University or University's Representative from enforcing, such requirements in connection with any present or future delays.

8.6.2 Contractor agrees and understands that no oral approval, either express or implied, of any time extension by University or its agents shall be binding upon University unless and until such approval is ratified

by execution of a written Change Order.

ARTICLE 9 PAYMENTS AND COMPLETION

9.1 COST BREAKDOWN

9.1.1 Within 10 days after receipt of the Notice of Selection as the apparent lowest responsible Bidder, and with the Agreement, Contractor shall submit to University's Representative a Cost Breakdown of the Contract Sum in the form contained in the Exhibits. The Cost Breakdown shall itemize as separate line items the cost of each Work Activity and all associated costs, including but not limited to warranties, as-built documents, overhead expenses, and the total allowance for profit. Insurance and bonds shall each be listed as separate line items. The total of all line items shall equal the Contract Sum. The Cost Breakdown, when approved by the University's Representative, shall become the basis for determining the cost of Work performed for Contractor's Applications for Payment.

9.2 PROGRESS PAYMENT

9.2.1 University agrees to pay monthly to Contractor, subject to Article 9.4.3, an amount equal to 95% of the sum of the following:

- .1 Cost of the Work in permanent place as of the date of the Contractor's Application For Payment.
- .2 Plus cost of materials not yet incorporated in the Work, subject to Article 9.3.5.
- .3 Less amounts previously paid.

Under this Article 9.2.1, University may, but is not required, to pay Contractor more frequently than monthly.

9.2.2 After Substantial Completion and subject to Article 9.4.3, University will make any of the remaining progress payments in full.

9.3 APPLICATION FOR PAYMENT

9.3.1 On or before the 10th day of the month or such other date as is established by the Contract Documents, Contractor shall submit to University's Representative an itemized Application For Payment, for the cost of the Work in permanent place, as approved by University's Representative, which has been completed in accordance with the Contract Documents, less amounts previously paid.

The Application For Payment shall be prepared as follows:

- .1 Use the form contained in the Exhibits.
- .2 Itemize in accordance with the Cost Breakdown.
- .3 Include such data substantiating Contractor's right to payment as University's Representative may reasonably require, such as invoices, certified payrolls, daily time and material records, and, if securities are deposited in lieu of retention pursuant to Article 9.5, a certification of the market value of all such securities as of a date not earlier than 5 days prior to the date of the Application For Payment.
- .4 Itemize retention.

9.3.2 Applications For Payment shall not include requests for payment on account of (1) changes which have not been authorized by Change Orders or (2) amounts Contractor does not intend to pay a Subcontractor because of a dispute or other reason.

9.3.3 If required by University, an Application For Payment shall be accompanied by (1) a summary showing payments that will be made to Subcontractors covered by such application and conditional releases upon progress payment or final payment and (2) unconditional waivers and releases of claims and stop payment notices, in the form contained in the Exhibits, from each Subcontractor listed in the preceding Application For Payment covering sums disbursed pursuant to that preceding Application For Payment.

9.3.4 Contractor warrants that, upon submittal of an Application For Payment, all Work, for which Certificates For Payment have been previously issued and payment has been received from University, shall

be free and clear of all claims, stop payment notices, security interests, and encumbrances in favor of Contractor, Subcontractors, or other persons or firms entitled to make claims by reason of having provided labor, materials, or equipment relating to the Work.

9.3.5 At the sole discretion of University, University's Representative may approve for inclusion in the Application For Payment the cost of materials not yet incorporated in the Work but already delivered and suitably stored either at the Project site or at some other appropriate location acceptable to University's Representative. In such case, Contractor shall furnish evidence satisfactory to University's Representative (1) of the cost of such materials and (2) that such materials are under the exclusive control of Contractor. Only materials to be incorporated in the Work will be considered for payment. Any payment shall not be construed as acceptance of such materials nor relieve Contractor from sole responsibility for the care and protection of such materials; nor relieve Contractor from risk of loss to such materials from any cause whatsoever; nor relieve Contractor from its obligation to complete the Work in accordance with the Contract; nor act as a waiver of the right of University to require fulfillment of all terms of the Contract. Nothing contained within this Article 9.3.5 shall be deemed to obligate University to agree to payment for any non-incorporated materials or any part thereof, payment being in the sole and absolute discretion of University.

9.4 CERTIFICATE FOR PAYMENT

9.4.1 If Contractor has submitted an Application For Payment in accordance with Article 9.3, University's Representative shall, not later than 5 working days after the date of receipt of the Application For Payment, issue to University, with a copy to Contractor, a Certificate For Payment for such amount as University's Representative determines to be properly due.

9.4.2 If any such Application For Payment is determined not to be in accordance with Article 9.3, University will inform Contractor as soon as practicable, but not later than 5 working days after receipt. Thereafter, Contractor shall have 3 days to revise and resubmit such Application For Payment; otherwise University's Representative may issue a Certificate For Payment in the amount that University's Representative determines to be properly due without regard to such Application For Payment.

9.4.3 Approval of all or any part of an Application For Payment may be withheld, a Certificate For Payment may be withheld, and all or part of a previous Certificate For Payment may be nullified and that amount withheld from a current Certificate For Payment on account of any of the following:

- .1 Defective Work not remedied.
- .2 Third-party claims against Contractor or University arising from the acts or omissions of Contractor or Subcontractors.
- .3 Stop payment notices.
- .4 Failure of Contractor to make timely payments due Subcontractors for material or labor.
- .5 A reasonable doubt that the Work can be completed for the balance of the Contract Sum then unpaid.
- .6 Damage to University or Separate Contractor for which Contractor is responsible.
- .7 Reasonable evidence that the Work will not be completed within the Contract Time; and that the unpaid balance of the Contract Sum would not be adequate to cover University's damages for the anticipated delay.
- .8 Failure of Contractor to maintain and update as-built documents.
- .9 Failure of Contractor to submit schedules or their updates as required by the Contract Documents.
- .10 Failure to provide conditional or unconditional releases from any Subcontractor or supplier, if such waiver(s) have been requested by University's Representative.
- .11 Performance of Work by Contractor without properly processed Shop Drawings.
- .12 Liquidated damages assessed in accordance with Article 5 of the Agreement.
- .13 Failure to provide updated Reports of Subcontractor Information and Confirmation of Certification, as applicable.
- .14 Failure to provide a Final Distribution of Contract Dollars with final Application for Payment.
- .15 Any other failure of Contractor to perform its obligations under the Contract Documents.

9.4.4 Subject to the withholding provisions of Article 9.4.3, University will pay Contractor the amount set

forth in the Certificate For Payment no later than 10 days after the issuance of the Certificate For Payment.

9.4.5 Neither University nor University's Representative will have an obligation to pay or to see to the payment of money to a Subcontractor, except as may otherwise be required by law.

9.4.6 Neither a Certificate For Payment nor a progress payment made by University will constitute acceptance of Defective Work.

9.5 DEPOSIT OF SECURITIES IN LIEU OF RETENTION AND DEPOSIT OF RETENTION INTO ESCROW

9.5.1 At the request and expense of Contractor, a substitution of securities may be made for any monies retained by University under Article 9.2 to ensure performance under the Contract Documents. Securities equivalent in value to the retention amount required by the Contract Documents for each Certificate For Payment shall be deposited by Contractor with a state or federally chartered bank in the State of California ("Escrow Agent"), which shall hold such securities pursuant to the escrow agreement referred to in Article 9.5.3 until retention is due in accordance with Article 9.8. Securities shall be valued as often as conditions of the securities market warrant, but in no case less than once per month. Contractor shall deposit additional securities so that the current market value of the total of all deposited securities shall be at least equal to the total required amount of retention.

9.5.2 Alternatively to Article 9.5.1, and at the request and expense of Contractor, University will deposit retention directly with Escrow Agent. Contractor may direct the investment of such deposited retention into interest bearing accounts or securities, and such deposits or securities shall be held by Escrow Agent upon the same terms provided for securities deposited by Contractor. Contractor and its surety shall bear the risk of failure of the Escrow Agent selected.

9.5.3 A prerequisite to the substitution of securities in lieu of retention or the deposit of retention into escrow shall be the execution by Contractor, University, and Escrow Agent of an Escrow Agreement for Deposit of Securities in Lieu of Retention and Deposit of Retention in the form contained in the Exhibits. The Contractor shall submit the Selection of Retention Options and the Escrow Agreement for Deposit of Securities in Lieu of Retention and Deposit of Retention not later than the date when 50% of the Work has been completed. The terms of such escrow agreement are incorporated into the requirements of this Article 9.5.

9.6 BENEFICIAL OCCUPANCY

9.6.1 University reserves the right, at its option and convenience, to occupy or otherwise make use of any part of the Work at any time prior to Substantial Completion or Final Completion upon 10 days' notice to Contractor. Such occupancy or use is herein referred to as "Beneficial Occupancy." Beneficial Occupancy shall be subject to the following conditions:

- .1 University's Representative will make an inspection of the portion of the Project to be beneficially occupied and prepare a list of items to be completed or corrected prior to Final Completion. Prior to Beneficial Occupancy, University will issue a Certificate of Beneficial Occupancy on University's form.
- .2 Beneficial Occupancy by University shall not be construed by Contractor as an acceptance by University of that portion of the Work which is to be occupied.
- .3 Beneficial Occupancy by University shall not constitute a waiver of existing claims of University or Contractor against each other.
- .4 Contractor shall provide, in the areas beneficially occupied and on a 24 hour and 7 day week basis as required, utility services, heating, and cooling for systems which are in operable condition at the time of Beneficial Occupancy. All responsibility for the operation and maintenance of equipment shall remain with Contractor while the equipment is so operated. Contractor shall submit to University an itemized list of each piece of equipment so operated with the date operation commences.
- .5 The Guarantee to Repair Periods, as defined in Article 12.2, will commence upon the occupancy date stated in the Certificate of Beneficial Occupancy except that the Guarantee to Repair Periods for that part of equipment or systems that serve

- portions of the Work for which University has not taken Beneficial Occupancy or issued a Certificate of Substantial Completion shall not commence until the University has taken Beneficial Occupancy for that portion of the Work or has issued a Certificate of Substantial Completion with respect to the entire Project.
- .6 University will pay all normal operating and maintenance costs resulting from its use of equipment in areas beneficially occupied.
 - .7 University will pay all utility costs which arise out of the Beneficial Occupancy.
 - .8 Contractor shall not be responsible for providing security in areas beneficially occupied.
 - .9 University will use its best efforts to prevent its Beneficial Occupancy from interfering with the conduct of Contractor's remaining Work.
 - .10 Contractor shall not be required to repair damage caused by University in its Beneficial Occupancy.
 - .11 Except as provided in this Article 9.6, there shall be no added cost to University due to Beneficial Occupancy.
 - .12 Contractor shall continue to maintain all insurance required by the Contract in full force and effect.

9.7 SUBSTANTIAL COMPLETION

9.7.1 "Substantial Completion" means the stage in the progress of the Work, as determined by University's Representative, when the Work is complete and in accordance with the Contract Documents except only for completion of minor items which do not impair University's ability to occupy and fully utilize the Work for its intended purpose and a Certificate of Occupancy has been issued by the University.

9.7.2 When Contractor gives notice to University's Representative that the Work is substantially complete, unless University's Representative determines that the Work is not sufficiently complete to warrant an inspection to determine Substantial Completion, University's Representative will inspect the Work. If the University's Representative determines that the Work is not substantially completed the University's Representative will prepare and give to Contractor a comprehensive list of items to be completed or corrected before establishing Substantial Completion. Contractor shall proceed promptly to complete and correct items on the list. Failure to include an item on such list does not alter the responsibility of Contractor to complete all Work in accordance with the Contract Documents. Upon notification that the items on the list are completed or corrected, as applicable, the University's Representative will make an inspection to determine whether the Work is substantially complete. Costs for additional inspection by University's Representative shall be deducted from any monies due and payable to Contractor.

9.7.3 When University's Representative determines that the Work is substantially complete, University's Representative will arrange for inspection by University's Building Official and other officials, as appropriate, for the purpose of issuing a Certificate of Occupancy. After a Certificate of Occupancy has been issued by the University, the University's Representative will prepare a Certificate of Substantial Completion on University's form as contained in the Exhibits, which, when signed by University, shall establish the date of Substantial Completion and the responsibilities of University and Contractor for security, maintenance, utilities, insurance, and damage to the Work. The University's Representative will prepare and furnish to the Contractor a comprehensive "punch list" of items to be completed or corrected prior to Final Completion.

9.7.4 Unless otherwise provided in the Certificate of Substantial Completion, the Guarantee To Repair Period for the Work covered by the Certificate of Substantial Completion, shall commence on the date of Substantial Completion of the Work except that Substantial Completion shall not commence the Guarantee to Repair Period for any equipment or systems that:

- .1 Are not operational (equipment or systems shall not be considered operational if they cannot be used to provide the intended service; or
- .2 Are not accepted by the University.

The Guarantee To Repair Period for equipment or systems which become operational and accepted subsequent to Substantial Completion will begin on the date of their written acceptance by University.

9.7.5 The daily rate included in the Agreement and specifically identified as the rate to be paid to Contractor for Compensable Delays shall not apply to any delays occurring after the Work is substantially completed.

9.8 FINAL COMPLETION, FINAL PAYMENT, AND RELEASE OF RETENTION

9.8.1 Upon receipt of notice from Contractor that the Work is ready for final inspection, University's Representative will make such inspection. Final Completion shall be when University's Representative determines that the Work is fully completed and in accordance with the Contract Documents, including without limitation, satisfaction of all "punch list" items, and determines that a Certificate of Occupancy has been issued by the University. University will file a Notice of Completion within 15 days after Final Completion. After receipt of the final Application For Payment, if University's Representative determines that Final Completion has occurred, University's Representative will issue the final Certificate For Payment.

9.8.2 Final payment and retention shall be released to Contractor, as set forth in Article 9.8.3, after:

.1 Contractor submits the final Application For Payment and all submittals required in accordance with Article 9.3;

.2 Contractor submits all guarantees and warranties procured by Contractor from Subcontractors, all operating manuals for equipment installed in the Project, as-built documents, and all other submittals required by the Contract Documents;

.3 Contractor submits the Final Distribution of Contract Dollars in the form contained in the Exhibits; and

.4 University's Representative issues the final Certificate For Payment.

At its sole discretion, after Final Completion, University may waive the requirement that Contractor submit a final Application For Payment before making final payment and/or release of retention to Contractor.

9.8.3 Final payment shall be paid not more than 10 days after University's Representative issues the final Certificate For Payment. Retention shall be released to Contractor 35 days after the filing of the Notice of Completion.

9.8.4 Acceptance of final payment by Contractor shall constitute a waiver of all claims, except claims for retention and claims previously made in writing and identified by Contractor as unsettled at the time of the final Application For Payment.

ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY

10.1 SAFETY PRECAUTIONS AND PROGRAMS

10.1.1 Contractor shall be solely responsible for initiating, maintaining, and supervising all safety precautions and programs in connection with the performance of the Contract.

10.2 SAFETY OF PERSONS AND PROPERTY

10.2.1 Contractor shall take adequate precautions for safety of and shall provide adequate protection to prevent damage, injury, or loss to the following:

.1 Employees involved in the Work and other persons who may be affected thereby.

.2 The Work in place and materials and equipment to be incorporated therein, whether in storage on or off the Project site, under care, custody, or control of Contractor or Subcontractors.

.3 Other property at the Project site and adjoining property.

10.2.2 Contractor shall erect and maintain, as required by existing conditions and performance of the Work, adequate safeguards for safety and protection, including providing adequate lighting and ventilation, posting danger signs and other warnings against hazards, promulgating safety regulations, and notifying owners and users of adjacent sites and utilities.

10.2.3 When use or storage of explosives, other hazardous materials, equipment, or unusual methods are necessary for execution of the Work, Contractor shall exercise the utmost care and carry on such activities only under the supervision of properly qualified personnel.

10.2.4 Contractor shall designate a responsible member of Contractor's organization at the Project site whose duty shall be the prevention of accidents. That person shall be the Superintendent, unless otherwise designated by Contractor in writing to University and University's Representative.

10.2.5 Contractor shall not load or permit any part of the Work or the Project site to be loaded so as to endanger the safety of persons or property.

10.3 EMERGENCIES

10.3.1 In an emergency affecting the safety of persons or property, Contractor shall act to prevent or minimize damage, injury, or loss. Contractor shall promptly notify University's Representative, which notice may be oral followed by written confirmation, of the occurrence of such an emergency and Contractor's action.

ARTICLE 11 INSURANCE AND BONDS

11.1 CONTRACTOR'S INSURANCE

11.1.1 Contractor shall, at its expense, purchase and maintain in full force and effect such insurance as will protect itself and University from claims, such as for bodily injury, wrongful death, and property damage, which may arise out of or result from the Work required by the Contract Documents, whether such Work is done by Contractor, by any Subcontractor, by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable. The amounts of such insurance and any additional insurance requirements are specified in the Supplementary Conditions. See Article 3.21 regarding the scope and extent of Contractor's liability for and repair of damaged Work.

11.1.2 The following policies and coverages shall be furnished by Contractor:

- .1 COMMERCIAL GENERAL LIABILITY INSURANCE subject to terms no less broad than the Insurance Services Office's (ISO) form CG 0001 (2004 or later edition), or a substitute form providing coverage at least as broad as the ISO form specified, covering all Work done by or on behalf of Contractor and providing insurance for bodily injury, wrongful death, personal injury, property damage, and contractual liability. There shall be no limitations or exclusions of coverage beyond those contained in the standard ISO form CG 0001 (2004 or later edition). Except with respect to bodily injury and property damage included within the products and completed operations hazards, the aggregate limit shall apply separately to Work required of Contractor by these Contract Documents. Contractor shall continue to maintain Products/Completed Operations liability insurance coverage for a minimum completed operations period of 10 year(s) or the applicable Statute of Repose as provided by the law of the jurisdiction where the project is located as shown in the policy(ies), whichever is less. All terms and conditions of such coverage shall be maintained during this completed operations period, including the required minimum coverage limits and the requirement to provide the University with coverage as an additional insured for completed operations as specified under this Article 11.1 and the Supplementary Conditions.
- .2 BUSINESS AUTOMOBILE LIABILITY INSURANCE subject to terms no less broad than the Insurance Services Office's (ISO) form CA 0001 (1990 or later edition), or a substitute form providing coverage at least as broad as the ISO form specified, covering owned, hired, leased, and non-owned automobiles used by or on behalf of Insured, and providing liability insurance for bodily injury and property damage arising from the use or operation of such auto(s) with a minimum combined single limit of not less than \$1,000,000 per accident. The minimum limits required may be satisfied by combination of primary and umbrella/excess policies. The

Commercial Automobile Liability Insurance shall be provided by Contractor for all on site and off site Work.

- .3 WORKERS' COMPENSATION AND EMPLOYER'S LIABILITY INSURANCE as required by Federal and State of California law. Contractor shall also require all of its Subcontractors to maintain this insurance coverage.

11.1.3 The coverages required under this Article 11 shall not in any way limit the liability of Contractor.

11.1.4 Contractor's Certificates of Insurance, executed by a duly authorized representative of each broker of record or each insurer as evidence of the insurance required by these Contract Documents and on the form contained in the Exhibits, shall be submitted by Contractor to University prior to the commencement of Work by the Contractor. The Certificates of Insurance shall provide for no cancellation or modification of coverage without prior written notice to University, in accordance with policy provisions.

11.1.5 In the event Contractor does not comply with these insurance requirements, University may, at its option, provide insurance coverage to protect University; and the cost of such insurance shall be paid by Contractor and may be deducted from the Contract Sum.

11.1.6 Contractor's insurance as required by Article 11.1.2, shall, by endorsement to the policies, include the following:

- .1 The Regents of the University of California, The University of California, University, and each of their Representatives, consultants, officers, agents, employees, and each of their Representative's consultants, regardless of whether or not identified in the Contract Documents or to the Contractor in writing, will be included as additional insureds on the Contractor's General Liability insurance for and relating to the Work to be performed by the Contractor and Subcontractors. Additional Insured provision or endorsement shall be at least as broad as the CG 20 07 04 in combination with the CG 20 37 07 04 (or earlier versions of CG 20 10 and CG 20 37 or Form B - CG 20 10 11 85 by itself), as published by Insurance Services Offices (ISO) and shall be included with Certificates of Insurance. The additional insured requirement shall not apply to Worker's Compensation and Employer's Liability insurance.

Further, the amount of insurance available to the University shall be for the full amount of the loss up to the available policy limits and shall not be limited to any minimum requirements stated in the Contract Documents.

- .2 University, University's consultants, University's Representative, and University's Representative's consultants will not by reason of their inclusion as insureds incur liability to the insurance carriers for payment of premiums for such insurance.
- .3 Coverage provided is primary and is not in excess of or contributing with any insurance or self-insurance maintained by University, University's consultants, University's Representative, and University's Representative's consultants. This provision, however, shall only apply as per the stipulations of Article 11.1.6.1.

11.1.7 The form and substance of all insurance policies required to be obtained by Contractor shall be subject to approval by University. All policies required by Articles 11.1.2.1, 11.1.2.2, and 11.1.2.3 shall be issued by companies with ratings and financial classifications as specified in the Supplementary Conditions.

11.1.8 Contractor shall, by mutual agreement with University, furnish any additional insurance as may be required by University. Contractor shall provide Certificates of Insurance evidencing such additional insurance.

11.1.9 The Certificate of Insurance shall show (1) all companies affording coverage and (2) the name of the insured exactly in the manner as shown on the Bid Form. The name of the insured must be the name under which the entity is licensed by the Contractors State License Board.

11.1.10 If insurance company refuses to use the Certificate of Insurance form as contained in the Exhibits, it must provide a Certificate of Insurance evidencing compliance with this Article including those provisions noted under DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES section of the Certificate of Insurance Exhibit by including an endorsement to its Certificate of Insurance form covering those noted provisions exactly as they appear on the Certificate of Insurance Exhibit.

11.1.11 At the request of University, Contractor shall submit to University copies of the policies obtained by Contractor.

11.2 BUILDER'S RISK PROPERTY INSURANCE

11.2.1 If and only if the Contract Sum exceeds \$300,000 at the time of award, University will provide its standard builder's risk property insurance, subject to the deductibles, terms and conditions, exclusions, and limitations as contained in the provisions of the policy. A copy of the University's standard builder's risk property insurance policy is available at the University's Facility office. In addition, a summary of the provisions of the policy is included as an Exhibit to the Contract. Contractor agrees that the University's provision of its standard builder's risk property insurance policy meets the University's obligation to provide builder's risk property insurance under the Contract and, in the event of a conflict between the provisions of the policy and any summary or description of the provisions contained herein or otherwise, the provisions of the policy shall control and shall be conclusively presumed to fulfill the University's obligation to provide such insurance. The proceeds under such insurance policies taken out by University insuring the Work and materials will be payable to University and Contractor as their respective interests, from time to time, may appear. Contractor shall be responsible for the deductible amount in the event of a loss. In addition, nothing in this Article 11.2 shall be construed to relieve Contractor of full responsibility for loss of or damage to materials not incorporated in the Work, and for Contractor's tools and equipment used to perform the Work, whether on the Project site or elsewhere, or to relieve Contractor of its responsibilities referred to under this Article 11. Materials incorporated in the Work, as used in this Article 11.2, shall mean materials furnished while in transit to, stored at, or in permanent place at the Project site.

11.2.2 Insurance policies referred to under this Article 11.2 shall:

- .1 Include a provision that the policies are primary and do not participate with nor are excess over any other valid collectible insurance carried by Contractor.
- .2 Include a waiver of subrogation against Contractor, its Subcontractors, its agents, and employees.

11.2.3 Builder's risk insurance coverage under this Article 11.2 will expire on the date of Final Completion recited in a Notice of Completion filed pursuant to Article 9.8.1. Should a Notice of Completion be filed more than 10 days after the date of Final Completion, the date of Final Completion recited in the Notice of Completion will govern.

11.3 PERFORMANCE BOND AND PAYMENT BOND

11.3.1 Contractor shall furnish bonds covering the faithful performance of the Contract (Performance Bond) and payment of obligations arising thereunder (Payment Bond) on the forms contained in Exhibits 3 and 2.

11.3.2 The Payment Bond and Performance Bond shall each be in the amount of the Contract Sum.

11.3.3 The Payment Bond and Performance Bond shall be in effect on the date the Contract is signed by University.

11.3.4 Contractor shall promptly furnish such additional security as may be required by University to protect its interests and those interests of persons or firms supplying labor or materials to the Work. Contractor shall furnish supplemental Payment and Performance Bonds each in the amount of the current Contract Sum at the request of the University.

11.3.5 Surety companies used by Contractor shall be, on the date the Contract is signed by University, an admitted surety insurer (as defined in the California Code of Civil Procedure Section 995.120).

11.3.6 The premiums for the Payment Bond and Performance Bond shall be paid by Contractor.

ARTICLE 12 UNCOVERING AND CORRECTION OF WORK

12.1 UNCOVERING OF WORK

12.1.1 If a portion of the Work is covered contrary to University's Representative's request or direction, or contrary to the requirements of the Contract Documents, it must, if required in writing by University's Representative, be uncovered for University's Representative's observation and be replaced at Contractor's expense without adjustment of the Contract Time or the Contract Sum.

12.1.2 If a portion of the Work has been covered, which is not required by the Contract Documents to be observed or inspected prior to its being covered and which University's Representative has not specifically requested to observe prior to its being covered, University's Representative may request to see such Work and it shall be uncovered and replaced by Contractor. If such Work is in accordance with the Contract Documents, the costs of uncovering and replacing the Work shall be added to the Contract Sum by Change Order; and if the uncovering and replacing of the Work extends the Contract Time, an appropriate adjustment of the Contract Time shall be made by Change Order. If such Work is not in accordance with the Contract Documents, Contractor shall pay such costs and shall not be entitled to an adjustment of the Contract Time or the Contract Sum.

12.2 CORRECTION OF DEFECTIVE WORK AND GUARANTEE TO REPAIR PERIOD

12.2.1 The term "Guarantee To Repair Period" means a period of 1 year, unless a longer period of time is specified, commencing as follows:

- .1 For any Work not described as incomplete in the Certificate of Substantial Completion, on the date of Substantial Completion.
- .2 For space beneficially occupied or for separate systems fully utilized prior to Substantial Completion pursuant to Article 9.6, from the first date of such Beneficial Occupancy or actual use, as established in a Certificate of Beneficial Occupancy.
- .3 For all Work other than .1 or .2 above, from the date of Final Completion.

12.2.2 Contractor shall (1) correct Defective Work that becomes apparent during the progress of the Work or during the Guarantee To Repair Period and (2) replace, repair, or restore to University's satisfaction any other parts of the Work and any other real or personal property which is damaged or destroyed as a result of Defective Work or the correction of Defective Work. Contractor shall promptly commence such correction, replacement, repair, or restoration upon notice from University's Representative or University, but in no case later than 10 days after receipt of such notice; and Contractor shall diligently and continuously prosecute such correction to completion. Contractor shall bear all costs of such correction, replacement, repair, or restoration, and all losses resulting from such Defective Work, including additional testing, inspection, and compensation for University's Representative's services and expenses. Contractor shall perform corrective Work at such times that are acceptable to University and in such a manner as to avoid, to the extent practicable, disruption to University's activities.

12.2.3 If immediate correction of Defective Work is required for life safety or the protection of property and is performed by University or Separate Contractors, Contractor shall pay to University all reasonable costs of correcting such Defective Work. Contractor shall replace, repair, or restore to University's satisfaction any other parts of the Work and any other real or personal property which is damaged or destroyed as a result of such Defective Work or the correction of such Defective Work.

12.2.4 Contractor shall remove from the Project site portions of the Work and materials which are not in accordance with the Contract Documents and which are neither corrected by Contractor nor accepted by University.

12.2.5 If Contractor fails to commence correction of Defective Work within 10 days after notice from University or University's Representative or fails to diligently prosecute such correction to completion,

University may correct the Defective Work in accordance with Article 2.4; and, in addition, University may remove the Defective Work and store salvageable materials and equipment at Contractor's expense.

12.2.6 If Contractor fails to pay the costs of such removal and storage as required by Articles 12.2.4 and 12.2.5 within 10 days after written demand, University may, without prejudice to other remedies, sell such materials at auction or at private sale, or otherwise dispose of such material. Contractor shall be entitled to the proceeds of such sale, if any, in excess of the costs and damages for which Contractor is liable to University, including compensation for University's Representative's services and expenses. If such proceeds of sale do not cover costs and damages for which Contractor is liable to University, the Contract Sum shall be reduced by such deficiency. If there are no remaining payments due Contractor or the remaining payments are insufficient to cover such deficiency, Contractor shall promptly pay the difference to University.

12.2.7 Contractor's obligations under this Article 12 are in addition to and not in limitation of its warranty under Article 3.4 or any other obligation of Contractor under the Contract Documents. Enforcement of Contractor's express warranties and guarantees to repair contained in the Contract Documents shall be in addition to and not in limitation of any other rights or remedies University may have under the Contract Documents or at law or in equity for Defective Work. Nothing contained in this Article 12 shall be construed to establish a period of limitation with respect to other obligations of Contractor under the Contract Documents. Establishment of the Guarantee To Repair Period relates only to the specific obligation of Contractor to correct the Work and in no way limits either Contractor's liability for Defective Work or the time within which proceedings may be commenced to enforce Contractor's obligations under the Contract Documents.

ARTICLE 13

TERMINATION OR SUSPENSION OF THE CONTRACT

13.1 TERMINATION BY CONTRACTOR

13.1.1 Subject to Article 13.1.2, Contractor shall have the right to terminate the Contract only upon the occurrence of one of the following:

- .1 Provided that University has not commenced reasonable action to remove any order of a court within the 90 day period, the Work is stopped for 90 consecutive days, through no act or fault of Contractor, any Subcontractor, or any employee or agent of Contractor or any Subcontractor, due to an issuance of an order of a court or other public authority having jurisdiction or due to an act of government, such as a declaration of a national emergency making material unavailable.
- .2 University fails to perform any material obligation under the Contract and fails to cure such default within 30 days, or University has not commenced to cure such default within 30 days where such cure will require a reasonable period beyond 30 days and diligently prosecutes the same to completion, after receipt of notice from Contractor stating the nature of such default(s).
- .3 Repeated suspensions by University, other than such suspensions as are agreed to by Contractor under Article 13.3, which constitute in the aggregate more than 20% of the Contract Time.

13.1.2 Upon the occurrence of one of the events listed in Article 13.1.1, Contractor may, upon 10 days additional notice to University and University's Representative, and provided that the condition giving rise to Contractor's right to terminate is continuing, terminate the Contract.

13.1.3 Upon termination by Contractor, University will pay to Contractor the sum determined by Article 13.4.4. Such payment will be the sole and exclusive remedy to which Contractor is entitled in the event of termination of the Contract by Contractor pursuant to Article 13.1; and Contractor will be entitled to no other compensation or damages and expressly waives the same.

13.2 TERMINATION BY UNIVERSITY FOR CAUSE

13.2.1 University will have the right to terminate the Contract for cause at any time after the occurrence of any of the following events:

- .1 Contractor becomes insolvent or files for relief under the bankruptcy laws of the United States.
- .2 Contractor makes a general assignment for the benefit of its creditors or fails to pay its debts as the same become due.
- .3 A receiver is appointed to take charge of Contractor's property.
- .4 The commencement or completion of any Work activity on the critical path is more than 30 days behind the date set forth in the Contract Schedule for such Work activity, as a result of an Unexcusable Delay. For a Contract with a Contract Time of less than 300 days, the 30-day period shall be reduced to the number of days commensurate with 10% of the Contract Time.
- .5 Contractor abandons the Work.

13.2.2 Upon the occurrence of any of the following events, University will have the right to terminate the Contract for cause if Contractor fails to promptly commence to cure such default and diligently prosecute such cure within 5 days after notice from University, or within such longer period of time as is reasonably necessary to complete such cure:

- .1 Contractor persistently or repeatedly refuses or fails to supply skilled supervisory personnel, an adequate number of properly skilled workers, proper materials, or necessary equipment to prosecute the Work in accordance with the Contract Documents.
- .2 Contractor fails to make prompt payment of amounts properly due Subcontractors after receiving payment from University.
- .3 Contractor disregards Applicable Code Requirements.
- .4 Contractor persistently or materially fails to execute the Work in accordance with the Contract Documents.
- .5 Contractor is in default of any other material obligation under the Contract Documents.
- .6 Contractor persistently or materially fails to comply with applicable safety requirements.

13.2.3 Upon any of the occurrences referred to in Articles 13.2.1 and 13.2.2, University may, at its election and by notice to Contractor, terminate the Contract and take possession of the Project site and all materials, supplies, equipment, tools, and construction equipment and machinery thereon owned by Contractor; accept the assignment of any or all of the subcontracts; and then complete the Work by any method University may deem expedient. If requested by University, Contractor shall remove any part or all of Contractor's materials, supplies, equipment, tools, and construction equipment and machinery from the Project site within 7 days of such request; and if Contractor fails to do so, University may remove or store, and after 90 days sell, any of the same at Contractor's expense.

13.2.4 If the Contract is terminated by University as provided in this Article 13.2, Contractor shall not be entitled to receive any further payment until the expiration of 35 days after Final Completion and acceptance of all Work by University.

13.2.5 If the unpaid balance of the Contract Sum exceeds the cost of completing the Work, including all additional costs and expenses made necessary thereby, including costs for University staff time, plus all losses sustained, including any liquidated damages provided under the Contract Documents, such excess shall be paid to Contractor. If such costs, expenses, losses, and liquidated damages exceed the unpaid balance of the Contract Sum, Contractor shall pay such excess to University.

13.2.6 No termination or action taken by University after termination shall prejudice any other rights or remedies of University provided by law or by the Contract Documents upon such termination; and University may proceed against Contractor to recover all losses suffered by University.

13.3 SUSPENSION BY UNIVERSITY FOR CONVENIENCE

13.3.1 University may, at any time and from time to time, without cause, order Contractor, in writing, to suspend, delay, or interrupt the Work in whole or in part for such period of time, up to 90 days, as University may determine, with such period of suspension to be computed from the date of delivery of the written order. Such order shall be specifically identified as a "Suspension Order" under this Article 13.3. The Work may be stopped for such further period as the parties may agree. Upon receipt of a Suspension Order, Contractor

shall, at University's expense, comply with its terms and take all reasonable steps to minimize costs allocable to the Work covered by the Suspension Order during the period of Work stoppage. Within 90 days after the issuance of the Suspension Order, or such extension to that period as is agreed upon by Contractor and University, University shall either cancel the Suspension Order or delete the Work covered by such Suspension Order by issuing a Change Order.

13.3.2 If a Suspension Order is canceled or expires, Contractor shall continue with the Work. A Change Order will be issued to cover any adjustments of the Contract Sum or the Contract Time necessarily caused by such suspension. Any Claim by Contractor for an adjustment of the Contract Sum or the Contract Time shall be made within 21 days after the end of the Work suspension. Contractor agrees that submission of its claim within said 21 days is an express condition precedent to its right to Arbitrate or Litigate such a claim.

13.3.3 The provisions of this Article 13.3 shall not apply if a Suspension Order is not issued by University. A Suspension Order shall not be required to stop the Work as permitted or required under any other provision of the Contract Documents.

13.4 TERMINATION BY UNIVERSITY FOR CONVENIENCE

13.4.1 University may, at its option, terminate this Contract, in whole or from time to time in part, at any time by giving notice to Contractor. Upon such termination, Contractor agrees to waive any claims for damages, including loss of anticipated profits, on account thereof; and, as the sole right and remedy of Contractor, University shall pay Contractor in accordance with Article 13.4.4.

13.4.2 Upon receipt of notice of termination under this Article 13.4, Contractor shall, unless the notice directs otherwise, do the following:

- .1 Immediately discontinue the Work to the extent specified in the notice.
- .2 Place no further orders or subcontracts for materials, equipment, services, or facilities, except as may be necessary for completion of such portion of the Work as is not discontinued.
- .3 Promptly cancel, on the most favorable terms reasonably possible, all subcontracts to the extent they relate to the performance of the discontinued portion of the Work.
- .4 Thereafter do only such Work as may be necessary to preserve and protect Work already in progress and to protect materials, plants, and equipment on the Project site or in transit thereto.

13.4.3 Upon such termination, the obligations of the Contract shall continue as to portions of the Work already performed and, subject to Contractor's obligations under Article 13.4.2, as to bona fide obligations assumed by Contractor prior to the date of termination.

13.4.4 Upon such termination, University shall pay to Contractor the sum of the following:

- .1 The amount of the Contract Sum allocable to the portion of the Work properly performed by Contractor as of the date of termination, less sums previously paid to Contractor.
- .2 Plus an amount equal to the lesser of \$50,000 or 5% of the difference between the Contract Sum and the amount of the Contract Sum allocable to the portion of the Work properly performed by Contractor as of the date of termination.
- .3 Plus previously unpaid costs of any items delivered to the Project site which were fabricated for subsequent incorporation in the Work.
- .4 Plus any proven losses with respect to materials and equipment directly resulting from such termination.
- .5 Plus reasonable demobilization costs.
- .6 Plus reasonable costs of preparing a statement of the aforesaid costs, expenses, and losses in connection with such termination.

The above payment shall be the sole and exclusive remedy to which Contractor is entitled in the event of termination of the Contract by University pursuant to Article 13.4; and Contractor will be entitled to no other compensation or damages and expressly waives same.

ARTICLE 14 STATUTORY AND OTHER REQUIREMENTS

14.1 PATIENT HEALTH INFORMATION

Contractor acknowledges that its employees, agents, subcontractors, consultants and others acting on its behalf may come into contact with Patient Health Information ("PHI") while performing work at the Project Site. This contact is most likely rare and brief (e.g. walking through a clinic where patient files may be visible, overhearing conversations between physicians while working or touring a hospital, noticing a relative or acquaintance receiving treatment in a University facility, etc.). Contractor shall immediately notify University Representative of any such contact. Any and all forms of PHI should not be examined closer, copied, photographed, recorded in any manner, distributed or shared. Contractor will adopt procedures to ensure that its employees, agents and subcontractors refrain from such activity. If Contractor, its employees, agents or subcontractors do further examine, copy, photograph, record in any manner, distribute or share this information, Contractor will report such actions immediately to the University Representative. Contractor will immediately take all steps necessary to stop any such actions and will ensure that no further violations of this contractual responsibility will occur. Contractor will report to University Representative within five (5) days after Contractor gives University Representative notice of the event/action of the steps taken to prevent future occurrences.

14.2 NONDISCRIMINATION

14.2.1 For purposes of this Article 14.2, the term Subcontractor shall not include suppliers, manufacturers, or distributors.

14.2.2 Contractor shall comply and shall ensure that all Subcontractors comply with Section 12900 through 12996, of the State of California Government Code.

14.2.3 Contractor agrees as follows during the performance of the Work:

- .1 Contractor shall provide equal treatment to, and shall not willfully discriminate against or allow harassment of any employee or applicant for employment on the basis of: race; color; religion; sex; age; ancestry; national origin; sexual orientation; physical or mental disability; veteran's status; medical condition (as defined in Section 12926 of the State of California Government Code and including cancer-related medical conditions and or genetic characteristics); genetic information (as defined in the Genetic Information Nondiscrimination Act of 2008 and including family medical history); marital status; gender identity, pregnancy, or citizenship (within the limits imposed by law or University's policy) or service in the uniformed services (as defined by the Uniformed Services Employment and Reemployment Rights Act of 1994). Contractor will also take affirmative action to ensure that any such employee or applicant for employment is not discriminated against on any of the bases identified above. Such equal treatment shall apply, but not be limited to the following: employment; upgrade; demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor also agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that qualified applicants will receive consideration for employment without regard to: race; color; religion; sex; age; ancestry; national origin; sexual orientation; physical or mental disability; veteran's status; medical condition (as defined in Section 12926 of the State of California Government Code and including cancer-related medical conditions and or genetic characteristics); genetic information (as defined in the Genetic Information Nondiscrimination Act of 2008 and including family medical history); marital status; gender identity, pregnancy, or citizenship (within the limits imposed by law or University's policy) or service in the uniformed services (as defined by the Uniformed Services Employment and Reemployment Rights Act of 1994). For purposes of this provision: (1) "Pregnancy" includes pregnancy, childbirth, and medical conditions related to pregnancy and childbirth; and (2) "Service in the uniformed services" includes membership, application for membership, performance of service, application for service, or obligation for service in the uniformed services.

- .2 Contractor and all Subcontractors will permit access to their records of employment, employment advertisements, application forms, and other pertinent data and records by University or any appropriate agency of the State of California designated by University for the purposes of investigation to ascertain compliance with this Article 14.2. The outcome of the investigation may result in the following:
 - .1 A finding of willful violation of the provisions of this Contract or of the Fair Employment Practices Act may be regarded by University as (1) a basis for determining that Contractor is not a "responsible bidder" as to future contracts for which such Contractor may submit bids or (2) a basis for refusing to accept or consider the bids of Contractor for future contracts.
 - .2 University may deem a finding of willful violation of the Fair Employment Practices Act to have occurred upon receipt of written notice from the Fair Employment Practices Commission that it has (1) investigated and determined that Contractor has violated the Fair Employment Practices Act and (2) issued an order under the State of California Government Code Section 12970 or obtained an injunction under Government Code Section 12973.
 - .3 Upon receipt of such written notice from the Fair Employment Practices Commission, University may notify Contractor that, unless it demonstrates to the satisfaction of University within a stated period that the violation has been corrected, Contractor's bids on future projects will not be considered.
 - .4 Contractor agrees that, should University determine that Contractor has not complied with this Article 14.2, Contractor shall forfeit to University, as a penalty, for each day or portion thereof, for each person who was denied employment as a result of such non-compliance, the penalties provided in Article 14.3 for violation of prevailing wage rates. Such penalty amounts may be recovered from Contractor; and University may deduct any such penalty amounts from the Contract Sum.
 - .5 Nothing contained in this Article 14.2 shall be construed in any manner so as to prevent University from pursuing any other remedies that may be available at law.
 - .6 Contractor shall meet the following standards for compliance and provide University with satisfactory evidence of such compliance upon University's request, which shall be evaluated in each case by University:
 - .1 Contractor shall notify its Superintendent and other supervisory personnel of the nondiscrimination requirements of the Contract Documents and their responsibilities thereto.
 - .2 Contractor shall notify all sources of employee referrals (including unions, employment agencies, and the State of California Department of Employment) of the nondiscrimination requirements of the Contract Documents by sending to such sources and by posting the Notice of Equal Employment Opportunity (EEO).
 - .3 Contractor or its representative shall, through all unions with whom it may have agreements, develop agreements that (1) define responsibilities for nondiscrimination in hiring, referrals, upgrading, and training and (2) implement an affirmative nondiscrimination program, in terms of the unions' specific areas of skill and geography, such that qualified minority women, nonminority women, and minority men shall be available and given an equal opportunity for employment.
 - .4 Contractor shall notify University of opposition to the nondiscrimination requirements of the Contract Documents by individuals, firms, or organizations during the term of the Contract.
 - .7 Contractor shall include the provisions of the foregoing Articles 14.2.3.2.1 through 14.2.3.2.6 in all subcontracts with Subcontractors, so that such provisions will be binding upon each such Subcontractor.

14.3 PREVAILING WAGE RATES

14.3.1 For purposes of this Article 14.3, the term Subcontractor shall not include suppliers, manufacturers,

or distributors.

14.3.2 Contractor shall comply and shall ensure that all Subcontractors comply with prevailing wage law pursuant to the State of California Labor Code, including but not limited to Section 1720 et seq. of the State of California Labor Code. Compliance with these sections is required by this Contract. The Work under this Contract is subject to compliance monitoring and enforcement by the State of California Department of Industrial Relations.

14.3.3 The State of California Department of Industrial Relations has ascertained the general prevailing per diem wage rates in the locality in which the Work is to be performed for each craft, classification, or type of worker required to perform the Work. A copy of the general prevailing per diem wage rates will be on file at University's principal facility office and will be made available to any interested party upon request. Contractor shall post a copy of the general prevailing per diem wage rates as well as job site notices as prescribed by regulation at the job site. By this reference, such schedule is made part of the Contract Documents. Contractor shall pay not less than the prevailing wage rates, as specified in the schedule and any amendments thereto, to all workers employed by Contractor in the execution of the Work. Contractor shall cause all subcontracts to include the provision that all Subcontractors shall pay not less than the prevailing rates to all workers employed by such Subcontractors in the execution of the Work. Contractor shall forfeit to University, as a penalty, not more than \$200 for each calendar day or portion thereof for each worker that is paid less than the prevailing rates as determined by the Director of Industrial Relations for the work or craft in which the worker is employed for any portion of the Work done by Contractor or any Subcontractor. The amount of this penalty shall be determined pursuant to applicable law. Such forfeiture amounts may be deducted from the Contract Sum or sought directly from the surety under its Performance Bond if there are insufficient funds remaining in the Contract Sum. Contractor shall also pay to any worker who was paid less than the prevailing wage rate for the work or craft for which the worker was employed for any portion of the Work, for each day, or portion thereof, for which the worker was paid less than the specified prevailing per diem wage rate, an amount equal to the difference between the specified prevailing per diem wage rate and the amount which was paid to the worker. Review of any civil wage and penalty assessment shall be made pursuant to section 1742 of the California Labor Code.

14.4 PAYROLL RECORDS

14.4.1 For purposes of this Article 14.4, the term Subcontractor shall not include suppliers, manufacturers, or distributors.

14.4.2 Contractor and all Subcontractors shall keep an accurate payroll record, showing the name, address, social security number, job classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyworker, apprentice, worker, or other employee employed in connection with the Work. All payroll records shall be certified as being true and correct by Contractor or Subcontractors keeping such records; and the payroll records shall be available for inspection at all reasonable hours at the principal office of Contractor on the following basis:

- .1 A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or the employee's authorized representative on request.
- .2 A certified copy of all payroll records shall be made available for inspection upon request to University, the State of California Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the State of California Division of Industrial Relations.
- .3 A certified copy of all payroll records shall be made available upon request by the public for inspection or copies thereof made; provided, however, that the request by the public shall be made to either University, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. The public shall not be given access to such records at the principal offices of Contractor or Subcontractors. Any copy of the records made available for inspection as copies and furnished upon request to the public or any public agency by University shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address, and social security number. The name and address of Contractor awarded the Contract or performing the Contract shall not be marked or obliterated.

14.4.3 Contractor shall file a certified copy of the payroll records with the entity that requested the records within 10 days after receipt of a written request. Contractor shall inform University of the location of such payroll records for the Project, including the street address, city, and county; and Contractor shall, within 5 working days, provide notice of change of location of such records. In the event of noncompliance with the requirements of this Article 14.4 or with the State of California Labor Code Section 1776, Contractor shall have 10 days in which to comply following receipt of notice specifying in what respects Contractor must comply. Should noncompliance still be evident after the 10 day period, Contractor shall forfeit to University, as a penalty, \$100 for each day, or portion thereof, for each worker, until strict compliance is accomplished. Such forfeiture amounts may be deducted from the Contract Sum.

14.5 APPRENTICES

14.5.1 For purposes of this Article 14.5, the term Subcontractor shall not include suppliers, manufacturers, and distributors.

14.5.2 Only apprentices, as defined in the State of California Labor Code Section 3077, who are in training under apprenticeship standards and written apprentice agreements under Chapter 4, Division 3, of the State of California Labor Code, are eligible to be employed by Contractor and Subcontractors as apprentices. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and written apprentice agreements under which the apprentice is training and in accordance with prevailing wage law pursuant to the Labor Code, including but not limited to Section 1777.5. The Contractor bears responsibility for compliance with this section for all apprenticeable occupations.

14.5.3 Every apprentice shall be paid the standard wage to apprentices, under the regulations of the craft or trade at which the apprentice is employed, and shall be employed only at the Work in the craft or trade to which the apprentice is indentured.

14.5.4 When Contractor or Subcontractors employ workers in any apprenticeship craft or trade on the Work, Contractor or Subcontractors shall 1) send contract award information to the applicable joint apprenticeship committee that can supply apprentices to the site of the public work and 2) apply to the joint apprenticeship committee, which administers the apprenticeship standards of the craft or trade in the area of the Project site, for a certificate approving Contractor or Subcontractors under the apprenticeship standards for the employment and training of apprentices in the area of the Project site. The committee will issue a certificate fixing the number of apprentices or the ratio of apprentices to journeypersons who shall be employed in the craft or trade on the Work. The ratio will not exceed that stipulated in the apprenticeship standards under which the joint apprenticeship committee operates; but in no case shall the ratio be less than 1 hour of apprentice work for every 5 hours of journeyperson work, except as permitted by law. Contractor or Subcontractors shall, upon the issuance of the approval certificate in each such craft or trade, employ the number of apprentices or the ratio of apprentices to journeypersons fixed in the certificate issued by the joint apprenticeship committee or present an exemption certificate issued by the Division of Apprenticeship Standards.

14.5.5 "Apprenticeship craft or trade," as used in this Article 14.5, shall mean a craft or trade determined as an apprenticeship occupation in accordance with rules and regulations prescribed by the Apprenticeship Council.

14.5.6 If Contractor or Subcontractors employ journeymen or apprentices in any apprenticeship craft or trade in the area of the Project site, and there exists a fund for assisting to allay the cost of the apprenticeship program in the trade or craft, to which fund or funds other contractors in the area of the Project site are contributing, Contractor and Subcontractors shall contribute to the fund or funds in each craft or trade in which they employ journeymen or apprentices on the Work in the same amount or upon the same basis and in the same manner done by the other contractors. Contractor may include the amount of such contributions in computing its bid for the Contract; but if Contractor fails to do so, it shall not be entitled to any additional compensation therefor from University.

14.5.7 In the event Contractor willfully fails to comply with this Article 14.5, it will be considered in violation of the requirements of the Contract.

14.5.8 Nothing contained herein shall be considered or interpreted as prohibiting or preventing the hiring by Contractor or Subcontractors of journeyworker trainees who may receive on-the-job training to enable them

to achieve journeyworker status in any craft or trade under standards other than those set forth for apprentices.

14.6 WORK DAY

14.6.1 Contractor shall not permit any worker to labor more than 8 hours during any 1 day or more than 40 hours during any 1 calendar week, except as permitted by law and in such cases only upon such conditions as are provided by law. Contractor shall forfeit to University, as a penalty, \$25 for each worker employed in the execution of this Contract by Contractor, or any Subcontractor, for each day during which such worker is required or permitted to work more than 8 hours in any 1 day and 40 hours in any 1 calendar week in violation of the terms of this Article 14.6 or in violation of the provisions of any law of the State of California. Such forfeiture amounts may be deducted from the Contract Sum. Contractor and each Subcontractor shall keep, or cause to be kept, an accurate record showing the actual hours worked each day and each calendar week by each worker employed on the Project, which record shall be kept open at all reasonable hours to the inspection of University, its officers and agents, and to the inspection of the appropriate enforcement agency of the State of California.

14.7 BUY CLEAN CALIFORNIA ACT

14.7.1 The Buy Clean California Act (BCCA) requires the Department of General Services (DGS) to establish and publish the maximum acceptable Global Warming Potential (GWP) on "eligible materials", as described in Public Contract Code 3500 et seq.. As of July 1, 2022, the Contractor shall not install any eligible materials on the project until the Contractor submits a facility-specific Environmental Product Declaration for that material that meets the published GWP requirements.

ARTICLE 15 MISCELLANEOUS PROVISIONS

15.1 GOVERNING LAW

15.1.1 The Contract shall be governed by the law of the State of California.

15.2 SUCCESSORS AND ASSIGNS

15.2.1 University and Contractor respectively bind themselves and their successors, permitted assigns, and legal representatives to the other party and to the successors, permitted assigns, and legal representatives of such other party in respect to covenants, agreements, and obligations contained in the Contract Documents. Neither party to the Contract shall assign the Contract, in whole or in part, without prior written consent of the other party. Notwithstanding any such assignment, each of the original contracting parties shall remain legally responsible for all of its obligations under the Contract.

15.3 RIGHTS AND REMEDIES

15.3.1 All University's rights and remedies under the Contract Documents will be cumulative and in addition to and not in limitation of all other rights and remedies of University under the Contract Documents or otherwise available at law or in equity.

15.3.2 No action or failure to act by University or University's Representative will constitute a waiver of a right afforded them under the Contract, nor will such action or failure to act constitute approval of or acquiescence in a condition or breach thereunder, except as may be specifically agreed in writing. No waiver by University or University's Representative of any condition, breach or default will constitute a waiver of any other condition, breach or default; nor will any such waiver constitute a continuing waiver.

15.3.3 No provision contained in the Contract Documents shall create or give to third parties any claim or right of action against University, University's Representative, or Contractor.

15.4 SURVIVAL

15.4.1 The provisions of the Contract which by their nature survive termination of the Contract or Final

Completion, including all warranties, indemnities, payment obligations, and University's right to audit Contractor's books and records, shall remain in full force and effect after Final Completion or any termination of the Contract.

15.5 COMPLETE AGREEMENT

15.5.1 The Contract Documents constitute the full and complete understanding of the parties and supersede any previous agreements or understandings, oral or written, with respect to the subject matter hereof. The Contract may be modified only by a written instrument signed by both parties or as provided in Article 7.

15.6 SEVERABILITY OF PROVISIONS

15.6.1 If any one or more of the provisions contained in the Contract Documents should be invalid, illegal, or unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby.

15.7 UNIVERSITY'S RIGHT TO AUDIT

15.7.1 University and entities and agencies designated by University will have access to and the right to audit and the right to copy at University's cost all of Contractor's books, records, contracts, correspondence, instructions, drawings, receipts, vouchers, purchase orders, and memoranda relating to the Work. Contractor shall preserve all such records and other items during the performance of the Contract and for a period of at least 3 years after Final Completion.

15.8 METHODS OF DELIVERY FOR SPECIFIED DOCUMENTS

15.8.1 The following documents must be delivered in a manner specified in Article 15.8.2:

- .1 Contractor Notices of election to litigate or arbitrate;
- .2 Written demand for an informal conference to meet and confer pursuant to Article 4.5;
- .3 University's written statement identifying remaining disputes following informal conference pursuant to Article 4.6;
- .4 Written demand for non-binding mediation pursuant to Article 4.6;
- .5 Contractor claims pursuant to Article 4.3;
- .6 Contractor notices of conditions pursuant to Articles 3.17, 3.18, or 3.19;
- .7 University's notices of Contractor's failure to perform and/or correct defective work pursuant to Articles 4.1.6, 12.2 and 13.2.3;
- .8 University's notice to stop work pursuant to Article 2.3.1;
- .9 Notices of termination or suspension pursuant to Article 13.

15.8.2 Delivery methods for documents specified in Article 15.8.1:

- .1 By personal delivery.
- .2 Sent by facsimile copy where receipt is confirmed.
- .3 Sent by Express Mail, or another method of delivery providing for overnight delivery where receipt is confirmed.
- .4 Sent by registered or certified mail, postage prepaid, return receipt requested.

15.8.3 The documents identified in Article 15.8.1 shall only be effective if delivered in the manner specified in Article 15.8.2. Subject to the forgoing, such documents shall be deemed given and received upon actual receipt in the case of all except registered or certified mail; and in the case of registered or certified mail, on the date shown on the return receipt or the date delivery during normal business hours was attempted. Delivery of the specified documents shall be made at the respective street addresses set forth in the Agreement. Such street addresses may be changed by notice given in accordance with this Article 15.8.

15.9 TIME OF THE ESSENCE

15.9.1 Time limits stated in the Contract Documents are of the essence of the Contract.

15.10 MUTUAL DUTY TO MITIGATE

15.10.1 University and Contractor shall use all reasonable and economically practicable efforts to mitigate delays and damages to the Project and to one another with respect to the Project, regardless of the cause of such delay or damage.

15.11 UC FAIR WAGE

Contractor shall pay all persons providing construction services and/or any labor on site, including any University location, no less than the UC Fair Wage (defined as \$15 per hour) and shall comply with all applicable federal, state and local working condition requirements.

15.12 EXECUTION OF AGREEMENT

15.12.1 This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same Agreement. The counterparts of this Agreement may be executed via a digital signature process and shall have the same force and effect as the use of a manual signature. The University reserves the right to reject any digital signature unless it is unique to the person using it, capable of verification, created by public key cryptography or signature dynamics, and meets all requirements of California Government Code § 16.5 and California Code of Regulations 22000 through 22005.

SUPPLEMENTARY CONDITIONS

1. MODIFICATION OF GENERAL CONDITIONS, ARTICLE 3 – CONTRACTOR, to include the following:

Contractor shall furnish copies of all licenses and certifications that are required by all public authorities having jurisdiction over Contractor, University, or the Project for personnel actively working on the project including subcontractors. All licenses and certifications shall be kept current and active during the course of the project.

2. MODIFICATION OF GENERAL CONDITIONS, ARTICLE 3 – CONTRACTOR, 3.12.9 – Environmental Product Declarations to include the following:

3.12.9.1 Contractor shall comply with California Public Contract Code Section 3500 et seq., the Buy Clean California Act ("BCCA").

3.12.9.2 The term "Eligible Materials", as used herein, shall mean the same as defined by the BCCA, and shall include at a minimum the following materials:

- (1) Carbon steel rebar.
- (2) Flat glass.
- (3) Mineral wool board insulation.
- (4) Structural steel.

3.12.9.3 Compliance with the BCCA and this Article applies to all Eligible Materials for the Project.

3.12.9.4 Contractor shall submit to University a current (as of Notice to Proceed) facility-specific Environmental Product Declaration ("EPD"), Type III, as defined by the International Organization for Standardization ("ISO") standard 14025, or similarly robust life cycle assessment methods that have uniform standards in data collection consistent with ISO standard 14025, industry acceptance, and integrity, for each Eligible Material proposed to be used on the Project. The EPD must be specific to the material manufacturer and the facility where the material is manufactured.

3.12.9.5 Eligible Materials installed on the Project by Contractor must comply with any standards to the extent established in the BCCA (and listed on the Department of General Services BCCA site) or by University, whichever is more stringent. The facility-specific global warming potential for any Eligible Material must not exceed any existing maximum acceptable global warming potential for that material pursuant to the BCCA (and listed on the Department of General Services BCCA site) or by University, whichever is more stringent.

3.12.9.6 Contractor shall not install any Eligible Materials on the Project until Contractor submits a facility-specific EPD for that material which demonstrates that the material complies with any existing Eligible Material Standards (as included in the bid documents and as listed on the Department of General Services BCCA site) and this Article and the EPD is approved by the University. Contractor shall be responsible for any losses, expenses, penalties or damages of any type incurred or sustained by University, including but not limited to removal and replacement of Defective Work, which are caused by Contractor's failure to comply with the requirements of the BCCA or this Article.

3.12.9.7. Eligible exemptions may be approved with submission of a UC BCCA Exemption Form for qualifying exemptions as noted in the Facilities Manual.

3. MODIFICATION OF GENERAL CONDITIONS, ARTICLE 7 – CHANGES IN THE WORK

ADD the following to Item 7.3 CHANGE ORDER PROCEDURES

The contractor shall complete and submit to the University the Report of Subcontractor Information form (Exhibit 14) prior to finalizing a change order.

4. MODIFICATION OF GENERAL CONDITIONS, ARTICLE 9 – PAYMENTS AND COMPLETION

ADD the following to Item 9.3 APPLICATION FOR PAYMENT

Contractor shall submit monthly Applications for Payment in the form of Exhibit 4 along with Contractor's/Subcontractor's Conditional and Unconditional Waivers in the form of Exhibits 10 and 11.

Submit one (1) original and one (1) copy of the Application for Payment to:

UCD HAS Building
Attn: Capital Finance

5. MODIFICATION OF GENERAL CONDITIONS, ARTICLE 11 – INSURANCE AND BONDS

Contractor shall furnish and maintain insurance in the amounts below.

The insurance required by 11.1.2.1 and 11.1.2.2 shall be (i) issued by companies with a Best rating of A- or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's) or (ii) guaranteed, under terms consented to by the University (such consent to not be unreasonably withheld), by companies with a Best rating of A- or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's). Such insurance shall be written for not less than the following:		Minimum Requirement
11.1.2.1	Commercial Form General Liability Insurance-Limits of Liability	
	Each Occurrence-Combined Single Limit for Bodily Injury and Property	\$ 2,000,000
	Products-Completed Operations Aggregate	\$ 2,000,000
	Personal and Advertising Injury	\$ 2,000,000
	General Aggregate	\$ 2,000,000
11.1.2.2	Business Automobile Liability Insurance-Limits of Liability	
	Each Accident-Combined Single Limit for Bodily Injury and Property Damage	\$ 2,000,000
Insurance required by Paragraph 11.1.2.3 shall be issued by companies (i) that have a Best rating of B+ or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's); or (ii) that are acceptable to the University. Such insurance shall be written for not less than the following:		
11.1.2.3	WORKER'S COMPENSATION AND EMPLOYER'S LIABILITY –	Minimum Requirement
	Worker's Compensation	(as required by Federal and State of California law)
	Employer's Liability:	
	Each Employee	\$1,000,000
	Each Accident	\$1,000,000
	Policy Limit	\$1,000,000

Article 11.2.3 of the General Conditions is replaced in its entirety with the following:

11.2.3 Builder's risk insurance coverage under this Article 11.2 will end on the earliest of any of the following:

- .1 sixty (60) days after the date a Certificate of Occupancy for the entire Project is issued by the University;
- .2 sixty (60) days after the date a Certificate of Occupancy for a part of the Project issued by the University, but coverage will end only for the part of the Project covered by such Certificate of Occupancy; or
- .3 the date of Final Completion established by the University in any Notice of Completion issued by the University.

11.1.2.4 The Contractor shall obtain, either itself or through the applicable Subcontractor(s) performing Work involving hazardous materials, Contractor's Pollution Liability (CPL) insurance coverage for such Work AND an endorsement to either its CPL or Business Auto policies for transporting or hauling of hazardous materials. The insurance required by this paragraph 11.1.2.4 shall be (i) issued by companies with a Best rating of A- or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's) or (ii) guaranteed, under terms consented to by the University (such consent to not be unreasonably withheld), by companies with a Best rating of A- or better, and a financial classification of VIII or better (or an equivalent rating by Standard & Poor or Moody's). Such insurance shall be written for not less than the following and include the University as Additional Insured by endorsement:

CONTRACTOR'S POLLUTION LIABILITY - Limits of Liability	Minimum Requirement
Each Occurrence	\$ 2,000,000
Products-Completed Operations	\$ 2,000,000
General Aggregate	\$ 2,000,000

If coverage is provided on a Claims-Made form, Contractor shall evidence coverage to include a three (3) year Extended Reporting Period beyond completion of such Work. Coverage must extend to Transportation and Hauling of hazardous materials. The University shall require a copy of the policy endorsement noting extension of Transportation coverage. If

this extension of coverage is not provided under the Contractor's or applicable Subcontractor's Contractor's Pollution Liability, then the Contractor/Subcontractor shall also be required to evidence the following under its Business Auto policy:

BUSINESS AUTO - Combined Single Limit Per Accident	\$ 1,000,000
--	--------------

Covering Transportation and/or Hauling of hazardous materials by amending the pollution exclusion of ISO Form CA 00010 6/92 (or its equivalent) in the following manner:

1. Delete Section a.(1)a.: (Pollution) "being transported or towed away by, or handled for movement into, onto or from the Covered Auto"
2. Delete Section a. (1)b.: "Otherwise in the course of transit by the insured."

Coverage shall include MCS-90 endorsement with the University as Additional Insured and shall be endorsed to specifically limit the reimbursement provisions of the MCS-90 to the Named Insured.

6. INFECTIOUS ILLNESS PRECAUTIONS

- a. The University is committed to avoiding the transmission of infectious diseases in and within the hospital. The Contractor shall inform all workers on the job site not to enter the hospital if they suspect they have a communicable illness that could be transmitted.
- b. All employees of Contractor and its Subcontractors working at the University are encouraged to have an annual influenza vaccine. During Flu Season, all of Contractor's and its Subcontractors' job site workers may be required to show verification that they received the flu vaccine.
- c. Contractor and its employees shall comply with all current COVID-19 prevention, screening, masking, vaccination, testing, and any other related requirements at the UC Davis Health project jobsite according to State and County mandates and University policies.

7. CODE OF CONDUCT

- a. The UC Davis Health Emergency Response Plan must be posted at all times in a visible location known to all project contractors from beginning to end of the contract/construction schedule.
- b. Any deliveries to the project site by common carrier must be marked "to the General Contractor only" with the official project title clearly identified. A representative of the contractor must be on-site and equipped to receive the delivery. The University will not receive any shipment on behalf of the Contractor.
- c. You are required to provide your own trash container and/or to remove all debris from the site daily. The job inspector will show you where to locate your trash container.
- d. The usage of all types of two-way radio devices MUST be approved. Usage of cellular phone devices within 3 feet of any medical device is not allowed. In areas where there are signs indicating "Cell Phones Must Be Turned Off", cell phone must be powered off, not simply in vibrate or silent mode. "Airplane" mode with Wi-Fi ON is acceptable in "OFF" areas.
- e. You are reminded to comply with CALOSHA requirements for job safety. Designate a safety officer for the work place as required by OSHA and conduct a regular program of safety.
- f. You will be responsible for your employees conduct while on the job site, i.e. whistling, profanity, garbage, dress code, etc. You are required to inform your employees working at the construction site that the University is strongly opposed to sexual harassment and that such behavior is prohibited both by law and by University policy. It is the intention of the University to take whatever action may be needed to prevent, correct, and, if necessary, discipline behavior which violates this policy.
- g. For the health and safety of patients, visitors, volunteers, and staff; smoking, the use of smokeless tobacco products, and the use of unregulated nicotine products (e-cigarettes) is not allowed on any UC Davis owned or leased property, indoors and outdoors, including, parking lots, roadways and residential spaces. Contractor is responsible for enforcement of this policy with all employees, workers, vendors, suppliers, and subcontractors at the job site.
- h. You are required to establish a policy of non-discriminatory practice in all personnel actions.

- i. In accordance with UCDMC Hospital Policies and Procedures Policy ID: 2202, identification badges are required and must be worn at all times while on campus. You are required to email Jamey Byrne at jmbyrne@ucdavis.edu to request identification badges for all employees and subcontractors.
- j. The University strives to maintain campus communities and worksites free from the illegal use, possession, or distribution of alcohol or of controlled substances, as defined in schedules I through V of the Controlled Substances Act, 21 United States Code section 812, and by regulation at 21 Code of Federal Regulations section 1308. Unlawful manufacture, distribution, dispensing, possession, use, or sale of alcohol or of controlled substances by University employees and students in the workplace, on University premises, at official University functions, or on University business is prohibited. In addition, employees and students shall not use illegal substances or abuse legal substances in a manner that impairs work performance, scholarly activities, or student life.
- k. The University prohibits and has zero tolerance for workplace violence. Any disruptive behavior, act of intimidation, threat of violence or act of violence committed against any person and or property is prohibited.

[End]

**EXHIBITS
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CERTIFICATE OF LIABILITY INSURANCE

(for non-UCIP Construction Projects and Consultant/Design Contracts)

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	
	NAIC #	
	INSURER A:	
INSURED	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS						
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? <input type="checkbox"/> Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A				WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER <input type="checkbox"/>
	PROFESSIONAL LIABILITY <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE						

Special Provisions:

- The Regents of the University of California, The University of California, University, and each of their Representatives, consultants, officers, agents, employees, and each of their Representative's consultants, are included as additional insureds on the general liability policy as required by contract and pursuant to additional insured endorsement CG2010 (11/85) or a combination of both CG 2010 (10/01 or 07/04) and CG 2037 (10/01 or 07/04) but only in connection with **Project No. 9557380 – UCDH EAST WING #1514 Hospital Storage**.
- The General Liability coverage contains a Severability of Interest provision and shall be primary insurance as respects The Regents of the University of California, its officers, agents and employees. Any insurance or self-insurance maintained by The Regents of the University of California shall be excess of and non-contributory with this insurance.

CERTIFICATE HOLDER: The Regents of the University of California

Forward to: Facilities Design & Construction UC Davis Health 4800 2 nd Avenue, Suite 3010 Sacramento, CA 95817 Attention: <u>Contracts Group</u>	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

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Bond No.: _____

PAYMENT BOND

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, The Regents of the University of California ("The Regents") has awarded to _____
as Principal a contract dated the _____ day of _____, 20_____, (the "Contract") for the work described as follows:

PROJECT NO.: 9557380

PROJECT NAME: UCDH EAST WING #1514 Hospital Storage

AND WHEREAS, Principal is required to furnish a bond in connection with the Contract to secure the payment of claims of laborers, mechanics, material suppliers, and other persons as provided by law;

NOW, THEREFORE, we, the undersigned Principal and _____
as Surety, are held and firmly bound unto The Regents in the sum of _____ dollars
(\$_____), for which payment well and truly to be made we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if Principal, or its heirs, executors, administrators, successors, or assigns approved by The Regents, or its subcontractors shall fail to pay any of the persons named in State of California Civil Code Section 9100, or amounts due under the State of California Unemployment Insurance Code with respect to work or labor performed under the Contract, or for any amounts required to be deducted, withheld, and paid over to the State of California Employment Development Department from the wages of employees of Principal and subcontractors pursuant to Section 13020 of the State of California Unemployment Insurance Code with respect to such work and labor, that Surety will pay for the same in an amount not exceeding the sum specified in this bond, otherwise the above obligation shall become and be null and void.

This bond shall inure to the benefit of any of the persons named in State of California Civil Code Section 9100 as to give a right of action to such persons or their assigns in any suit brought upon this bond.

Surety, for value received, hereby expressly agrees that no extension of time, change, modification, alteration, or addition to the undertakings, covenants, terms, conditions, and agreements of the Contract, or to the work to be performed thereunder, shall in any way affect the obligation of this bond; and it does hereby waive notice of any such extension of time, change, modification, alteration, or addition to the undertakings, covenants, terms, conditions, and agreements of the Contract, or to the work to be performed thereunder.

Surety's obligations hereunder are independent of the obligations of any other surety for the payment of claims of laborers, mechanics, material suppliers, and other persons in connection with the Contract; and suit may be brought against Surety and such other sureties, jointly and severally, or against any one or more of them, or against less than all of them without impairing The Regents' rights against the other.

In the event suit is brought upon this bond, the parties not prevailing in such suit shall pay reasonable attorneys' fees and costs incurred by the prevailing parties in such suit.

Correspondence or claims relating to this bond shall be sent to Surety at the address set forth below..

IN WITNESS WHEREOF, we have hereunto set our hands this _____ day of _____, 20_____.
Principal: _____ Surety: _____
(Name of Firm) (Name of Firm)

By: _____ By: _____
(Signature) (Signature)

(Printed Name) (Printed Name)

Title: _____ Title: _____

Address for Notices: _____

NOTE: NOTARY ACKNOWLEDGEMENT FOR SURETY AND SURETY'S POWER OF ATTORNEY MUST BE ATTACHED.

Bond No.: _____

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, The Regents of the University of California ("The Regents") has awarded to _____ as Principal a contract dated the _____ day of _____, 20_____, (the "Contract") is by this reference made a part hereof, for the work described as follows:

PROJECT NO.: 9557380

PROJECT NAME: UCDH EAST WING #1514 Hospital Storage

AND WHEREAS, Principal is required to furnish a bond in connection with the Contract, guaranteeing the faithful performance thereof;

NOW, THEREFORE, we, the undersigned Principal and _____ as Surety are held and firmly bound unto The Regents in the sum of _____ dollars (\$_____), to be paid to The Regents or its successors and assigns; for which payment, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that if Principal, or its heirs, executors, administrators, successors, or assigns approved by The Regents, shall promptly and faithfully perform the covenants, conditions, and agreements of the Contract during the original term and any extensions thereof as may be granted by The Regents, with or without notice to Surety, and during the period of any guarantees or warranties required under the Contract, and shall also promptly and faithfully perform all the covenants, conditions, and agreements of any alteration of the Contract made as therein provided, notice of which alterations to Surety being hereby waived, on Principal's part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify, defend, protect, and hold harmless The Regents as stipulated in the Contract, then this obligation shall become and be null and void; otherwise it shall be and remain in full force and effect.

No extension of time, change, alteration, modification, or addition to the Contract, or of the work required thereunder, shall release or exonerate Surety on this bond or in any way affect the obligation of this bond; and Surety does hereby waive notice of any such extension of time, change, alteration, modification, or addition.

Whenever Principal shall be and declared by The Regents to be in default under the Contract, Surety shall promptly remedy the default, or shall promptly:

1. Undertake through its agents or independent contractors, reasonably acceptable to The Regents, to complete the Contract in accordance with its terms and conditions and to pay and perform all obligations of Principal under the Contract, including without limitation, all obligations with respect to warranties, guarantees, and the payment of liquidated damages, or, at Surety's election, or, if required by The Regents,

2. Obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and, upon determination by The Regents of the lowest responsible bidder, arrange for a contract between such bidder and The Regents and make available as work progresses (even though there should be a default or a succession of defaults under the contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract Sum, and to pay and perform all obligations of Principal under the Contract, including, without limitation, all obligations with respect to warranties, guarantees, and the payment of liquidated damages; but, in any event, Surety's total obligations hereunder shall not exceed the amount set forth in the third paragraph hereof. The term "balance of the Contract Sum," as used in this paragraph, shall mean the total amount payable by The Regents to the Principal under the Contract and any amendments thereto, less the amount paid by The Regents to Principal.

Surety's obligations hereunder are independent of the obligations of any other surety for the performance of the Contract, and suit may be brought against Surety and such other sureties, jointly and severally, or against any one or more of them, or against less than all of them without impairing The Regents' rights against the others. No right of action shall accrue on this bond to or for the use of any person or corporation other than The Regents or its successors or assigns. Surety may join in any arbitration proceedings brought under the Contract and shall be bound by any arbitration award. In the event suit is brought upon this bond by The Regents, Surety shall pay reasonable attorney's fees and costs incurred by The Regents in such suit. Correspondence or claims relating to this bond shall be sent to Surety at the address set forth below.

IN WITNESS WHEREOF, we have hereunto set our hands this _____ day of _____, 20_____.

Principal: _____ Surety: _____
(Name of Firm) (Name of Firm)

By: _____ By: _____
(Signature) (Signature)

(Printed Name) (Printed Name)

Title: _____ Title: _____

Address for Notices: _____

NOTE: NOTARY ACKNOWLEDGEMENT FOR SURETY AND SURETY'S POWER OF ATTORNEY MUST BE ATTACHED.

APPLICATION FOR PAYMENT

Number: _____ Period to: _____

TO UNIVERSITY: The Regents of the University of California, Facilities Design and Construction and University's
Representative: _____

FROM CONTRACTOR: _____

ADDRESS: _____

PROJECT NAME: _____

PROJECT NO.: _____

FACILITY: Facilities Design and Construction

CONTRACT DATE: _____

APPLICATION DATE: _____

CHANGE ORDER SUMMARY:

	Additions	Deductions
Change Orders approved in previous months:	Total: \$ _____	\$ _____

Change Orders approved this month:

Number:	Date Approved:		
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
			Total: \$ _____

\$ _____

NET CHANGE BY CHANGE ORDERS \$ _____

Application is made for payment under the Contract as shown below and in Schedule 1 attached hereto:

1.	ORIGINAL CONTRACT SUM	\$ _____
2.	NET CHANGE BY CHANGE ORDERS	\$ _____
3.	CONTRACT SUM TO DATE (Line 1 ± Line 2)	\$ _____
4.	TOTAL AMOUNT COMPLETED TO DATE (Column E on Schedule 1)	\$ _____
5.	RETENTION: 5% of Completed Work (Column H on Schedule 1)*	\$ _____
	a. Current Value of Securities Deposited in Escrow	\$ _____
	b. Current Value of Retention Deposited in Escrow	\$ _____
	c. Retention Held by University	\$ _____
	Current Retention Value (a + b + c)	\$ _____
6.	TOTAL EARNED LESS RETENTION (Line 4 less Line 5)	\$ _____
7.	TOTAL AMOUNT PREVIOUSLY PAID	\$ _____
8.	CURRENT PAYMENT DUE (Line 6 less Line 7)	\$ _____
9.	BALANCE TO FINISH, PLUS RETENTION (Line 3 less Line 6)	\$ _____

***Pursuant to Article 9.2.2 of the General Conditions.**

The undersigned Contractor hereby represents and warrants to University that all Work, for which Certificates For Payment have previously been issued and payment received from University, is free and clear of all claims, stop notices, security interests, and encumbrances in favor of Contractor, any Subcontractor, and any other persons or firms entitled to make claims by reason of having provided labor, materials, or equipment related to the Work.

The following Schedules are attached and incorporated herein, and made a part of this Application For Payment:

Schedule 1	Cost Breakdown Schedule
Schedule 2	Certification of Current Market Value of Securities in Escrow in Lieu of Retention
Schedule 3	List of Subcontractors
Schedule 4	Declaration of Releases of Claims

(Contractor)

By: _____
(Name)

(Title)

DECLARATION

I, _____, hereby declare that I am the
_____ of Contractor submitting this Application For Payment; that I
am duly authorized to execute and deliver this Application For Payment on behalf of Contractor; and that all information set forth
in this Application For Payment and all Schedules attached hereto are true, accurate, and complete as of its date.

I declare, under penalty of perjury, that the foregoing is true and correct and that this declaration was subscribed at
_____, _____, State of _____
on _____, 20____.

(Signature)

(Print Name)

PROJECT NAME: _____ APPLICATION NO.: _____

PROJECT NO.: _____ APPLICATION DATE: _____

FACILITY: Facilities Design and Construction PERIOD TO: _____

CONTRACT DATE: _____ CONTRACTOR: _____

SCHEDULE 1

TO

APPLICATION FOR PAYMENT COST BREAKDOWN

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>
ITEM NO.	DESCRIPTION OF WORK ACTIVITY OR OTHER ITEM	SCHEDULED VALUE	% COMPLETE TO DATE	TOTAL AMOUNT COMPLETED TO DATE (C x D)	TOTAL AMOUNT COMPLETED ON PRIOR APPLICATION FOR PAYMENT	AMOUNT OF THIS APPLICATION (E - F)	RETENTION (5% x E)

PROJECT NAME: _____
CONTRACTOR: _____
PROJECT NO.: _____
APPLICATION NO.: _____

SCHEDULE 2
TO
APPLICATION FOR PAYMENT

CERTIFICATION OF CURRENT MARKET VALUE
OF SECURITIES IN ESCROW IN LIEU OF RETENTION

As of _____, 20____ (not earlier than 5 days prior to the date of the Application For Payment of which this certification is a part), the aggregate market value of securities on deposit in Escrow Account No. _____ with _____ (Escrow Agent) is _____ Dollars (\$_____).

_____	_____
(Escrow Agent)	(Contractor)
By: _____	By: _____
(Name)	(Name)
_____	_____
(Title)	(Title)
Date: _____	Date: _____

NOTE: Notary acknowledgment for Contractor and Escrow Agent must be attached.

PROJECT NAME: _____
CONTRACTOR: _____
PROJECT NO.: _____
APPLICATION NO.: _____

SCHEDULE 3
TO
APPLICATION FOR PAYMENT

LIST OF SUBCONTRACTORS

Subcontractors listed below are all Subcontractors furnishing labor, services, or materials for the period referred to in the Application For Payment referenced above, of which this Schedule 3 is a part:

Name of Subcontractor	Subcontracted Work Activity	Date Work Activity Completed

(Contractor)
By: _____
(Name)

(Title)

PROJECT NAME: _____
CONTRACTOR: _____
PROJECT NO.: _____
APPLICATION NO.: _____

SCHEDULE 4
TO
APPLICATION FOR PAYMENT

DECLARATION OF RELEASE OF CLAIMS

Contractor hereby certifies that attached hereto are releases and waivers of claims and stop notices from all Subcontractors furnishing labor, services, or materials covered by the Certificate For Payment dated _____, 20____, except those listed below:

(Contractor)
By: _____
(Name)

(Title)

SELECTION OF RETENTION OPTIONS

I (we): _____
(Contractor)

SELECTION OPTION 1 _____ Check here for Option 1

University will withhold retention

OR SELECTION OPTION 2 _____ Check here for Option 2

herewith elect to substitute securities in the form of:

(Type of security)

in lieu of retention being withheld by University for the
above-referenced project.

or SELECT OPTION 3

_____ Check here for option 3

herewith elect to have retention on the above-referenced
project paid directly into the Escrow Account.

(Type of Security to be purchased)

An Escrow Account will be opened with**:

(Name of state or federally chartered bank in California)

whose address is:

(Street)

(City, County)

(State, Zip Code)

On Behalf of Contractor*

On Behalf of University Acknowledged and Approved

(Signature)

(Signature)

(Name)

Jason Nietupski

(Name)

(Title)

Executive Director

(Title)

* SIGNATURE SHALL BE BY THE AUTHORIZED PARTY WHO SIGNS THE ESCROW AGREEMENT FOR DEPOSIT OF SECURITIES IN LIEU OF RETENTION AND DEPOSIT OF RETENTION ("ESCROW AGREEMENT").

** CONTRACTOR AND ITS SURETY BEAR THE RISK OF FAILURE OF THE BANK SELECTED.

NOTE: IF A COMPLETED AND SIGNED ESCROW AGREEMENT IS NOT SUBMITTED WITH THIS FORM, UNIVERSITY WILL NOT ALLOW DEPOSIT OF SECURITIES IN LIEU OF RETENTION.

IF OPTION 2 OR OPTION 3 IS SELECTED, AN ESCROW AGREEMENT (EXHIBIT 5B) MUST BE COMPLETED AND SUBMITTED TO THE UNIVERSITY.

RETURN THIS AGREEMENT SIGNED BY CONTRACTOR AND ESCROW AGENT TO:

UNIVERSITY OF CALIFORNIA, DAVIS HEALTH
Facilities Design and Construction
4800 2nd Avenue, Suite 3010
Sacramento, CA 95817

Escrow Account No.: _____

ESCROW AGREEMENT FOR DEPOSIT OF SECURITIES IN LIEU OF RETENTION AND DEPOSIT OF RETENTION

This Escrow Agreement is made as of _____, 20____, and entered into by and between THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereinafter called "University," and _____, whose address is _____, hereinafter called "Contractor," and _____, a state or federally chartered bank in the state of California, whose address is _____ hereinafter called "Escrow Agent."

For consideration hereinafter set forth, University, Contractor, and Escrow Agent agree as follows:

(1) Contractor has the option to deposit securities with Escrow Agent as a substitute for retention required to be withheld by University pursuant to the Contract Documents, hereinafter referred to as "Contract," entered into between University and Contractor for the Project titled

**UCDH EAST WING #1514 HOSPITAL STORAGE
Project Number: 9557380**

in the amount of \$_____, dated _____. Alternatively, on written request of Contractor, University shall deposit retention directly with Escrow Agent. Contractor and its surety shall be at risk for failure of the Escrow Agent selected. When Contractor deposits the securities as a substitute for retention, Escrow Agent shall notify University within 5 days after the deposit. At all times, Contractor shall have on deposit securities the market value of which is at least equal to the cash amount then required to be withheld as retention under the terms of the Contract. Securities shall be held in the name of The Regents of the University of California, Davis Health System, Facilities Design and Construction; and Contractor shall be designated as the beneficial owner.

(2) Escrow Agent shall review the market value of securities deposited in escrow under this Escrow Agreement as often as conditions of the securities market warrant, but in no case less than once per month. Escrow Agent shall promptly notify University and Contractor of the market value of the deposited securities if such market value is less than the total amount of retention required to be withheld under the terms of the Contract. Contractor shall promptly deposit additional securities so that the current market value of the total of all deposited securities shall be at least equal to the total required amount of retention. Escrow Agent shall, within 5 days after University's request, provide a statement to University of the current market value of all securities deposited under this Escrow Agreement as of a date not earlier than 5 days prior to such request. The provisions of this Paragraph 2 shall not apply to securities consisting of monetary deposits as allowed by Paragraph 7 held by a bank as Escrow Agent, provided the bank provides monthly statements reflecting the status of the monetary deposits held by the bank to University and Contractor.

(3) Contractor shall not use any or all of the securities deposited in lieu of retention under this Escrow Agreement for any other obligations, including deposits in lieu of retention for other contracts. Contractor represents, covenants and warrants that all deposited securities shall be lien free when tendered to the Escrow Agents and shall remain lien free during their retention by the Escrow Agent.

(4) University shall make progress payments to Contractor for those funds which otherwise would be withheld from progress payments pursuant to the Contract provision, provided that Escrow Agent holds securities in the form and amount specified herein.

(5) Prior to Contractor's submission of each Application For Payment, Escrow Agent shall issue a current statement of (a) the value of the securities currently being deposited in lieu of retention and (b) the current value of all securities being held in escrow pursuant to this Escrow Agreement. Such statement shall be no more than 5 days old at the time of submission, shall be notarized or have a guarantee of signature, and shall be submitted to Contractor with a copy to University under separate cover. Contractor shall attach such original statement to each Application For Payment. The provisions of this Paragraph 5 shall not apply to securities consisting of monetary deposits as allowed by Paragraph 7 held by a bank as Escrow Agent, provided the bank provides monthly statements reflecting the status of the monetary deposits held by the bank to University and Contractor.

(6) If, at the request of Contractor, University deposits retention directly with Escrow Agent, Escrow Agent shall hold such retention for the benefit of Contractor until such time as the escrow created under the Contract is terminated. All terms and conditions of this Escrow Agreement and the rights and responsibilities of the parties shall be equally applicable and binding when University deposits retention directly with Escrow Agent.

(7) University will allow Contractor to deposit the following securities in lieu of retention and direct the investment of the retention deposits into any of the following which at the time of payment are legal investments under the laws of the State of California:

- a. Direct obligations of the United States of America (including obligations issued or held in book-entry form on the books of the Department of the Treasury of the United States of America or any Federal Reserve Bank), or obligations the timely payment of the principal of and interest on which are fully guaranteed by the United States of America, or tax-exempt obligations which are rated in the highest rating category of a nationally recognized bond rating agency.
- b. Obligations, debentures, notes or other evidence of indebtedness issued or guaranteed by any of the following: Banks for Cooperatives, Federal Intermediate Credit Banks, Federal Home Loan Bank System, Export-Import Bank of the United States, Federal Financing Bank, Federal Land Banks, Federal Farm Credits, Government National Mortgage Association, Farmer's Home Administration, Federal Home Loan Mortgage Corporation, or Federal Housing Administration.
- c. Bonds of the State of California or those for which the faith and credit of the State of California are pledged for the payment of principal and interest.
- d. Interest-bearing bankers acceptances and demand or time deposits (including certificates of deposit) in banks, provided such deposits are either (1) secured at all times, in the manner and to the extent provided by law, by collateral security described in clauses a or b of this Paragraph 7 continuously having a market value at least equal to the amount so invested so long as such underlying obligations or securities are in the possession of the Securities Investors Protection Corporation, (2) in banks having a combined capital and surplus of at least One Hundred Million Dollars, or (3) fully insured by the Federal Deposit Insurance Corporation.
- e. Taxable government money market portfolios restricted to obligations with maturities of one (1) year or less, issued or guaranteed as to payment of principal and interest by the full faith and credit of the United States of America.
- f. Commercial paper rated in the highest rating category of a nationally recognized rating agency, and issued by corporations organized and operating within the United States of America and having total assets in excess of Five Hundred Million Dollars.

(8) Contractor shall be responsible for paying all fees, costs, and expenses incurred by Escrow Agent in administering the escrow account. These expenses and payment terms shall be determined by Contractor and Escrow Agent. All fees, costs, and expenses of this Escrow Agreement and any transactions carried out hereunder shall be billed by Escrow Agent to Contractor. In the event that any fees, costs, or expenses shall remain unpaid in excess of 30 days from the date due, Escrow Agent may withhold such unpaid amount from any income distributable to Contractor, but shall not withhold such unpaid amount from any income distributable to University.

(9) Interest earned on the securities or the money market accounts held in escrow and all interest earned on the interest shall be for the sole account of Contractor and shall be held in escrow. Interest may be withdrawn by Contractor from time to time, without notice to University, only to the extent that the total amount held in escrow meets or exceeds the required amount of retention.

(10) Except as provided in Paragraph 9, Contractor shall have the right to withdraw all or any part of the escrow account only by written notice to Escrow Agent accompanied by written authorization from University to Escrow Agent stating that University consents to the withdrawal of the amount sought to be withdrawn by Contractor. University shall not be obligated to consent to any withdrawal to the extent of stop notice claims which cannot be satisfied from other funds then due and payable to Contractor.

(11) University shall have the right to draw upon the securities, any interest earned on the securities, and any interest earned on the interest in the event of default by Contractor. Upon 7 days written notice to Escrow Agent from University, with a copy to Contractor, Escrow Agent shall immediately convert the securities, any interest earned on the securities, and all interest earned on the interest to cash and shall distribute the cash as instructed by University. Escrow Agent shall have no duty to determine whether a default has occurred and may rely solely upon the written notice of such default from University.

(12) Upon receipt of written notification from University certifying that final payment is due under the Contract, Escrow Agent shall release to Contractor the amount, if any, by which the value of all securities and interest on deposit less escrow fees and charges of the escrow account exceeds 125% of all stop notice claims on file. Escrow Agent shall pay the remaining amount to University or as directed by University. The escrow shall be closed immediately upon disbursement of all monies and securities on deposit and payment of fees and charges.

(13) Escrow Agent shall rely upon the written notifications from University and Contractor pursuant to this Escrow Agreement; and University and Contractor shall hold Escrow Agent harmless from Escrow Agent's release, conversion, and disbursement of the securities and interest as set forth herein.

(14) Escrow Agent shall have the right to terminate this Escrow Agreement upon 30 days notice to all parties hereunder. Upon receipt of such notice, University and Contractor shall appoint a successor Escrow Agent in writing and deliver written notice of such appointment to Escrow Agent. Thereupon, Escrow Agent shall deliver all assets in its custody to such successor Escrow Agent and all responsibility of Escrow Agent under this Escrow Agreement shall terminate; provided, however, if Contractor and University fail to appoint a successor Escrow Agent on or before the end of the 30 day notice period, then Escrow Agent is authorized and instructed to return all assets, documents, and other items in its custody to University and this Escrow Agreement shall be terminated without further instruction.

(15) The duties and responsibilities of Escrow Agent shall be limited to those expressly set forth in this Escrow Agreement; provided, however, that, with Escrow Agent's written consent, the duties and responsibilities in this Escrow Agreement may be amended at any time or times by an instrument in writing signed by all parties.

(16) Whenever Contractor tenders securities to be deposited in lieu of retention, an authorized representative of the Contractor shall declare under penalty of perjury that the securities are lien free and shall remain lien free during their retention by the Escrow Agent. The declaration shall be in the following form:

"The undersigned, on behalf of _____ whose
(Name of Contractor)

address is _____ represents,
(Street Address, City, State, Zip Code)

covenants and warrants that the securities tendered herewith are lien free and shall remain lien free during their retention by the Escrow Agent.

I, _____, hereby declare that I am the _____
(Name) (Title)

of _____, that I am duly authorized to make this
(Name of Contractor)

representation, and that I declare under perjury under the laws of the State of California that the foregoing is true and correct."

(Signature)

(Date)

(17) The names of the persons authorized to give written notice or to receive written notice on behalf of University and on behalf of Contractor in connection with this Escrow Agreement, and exemplars of their respective signatures, are as set forth below. Such names may be changed by written notice to the other parties.

On behalf of University:

1. _____
(Name)

(Signature)

916-734-7024
(Telephone Number)

2. _____
(Name)

(Signature)

916-734-7024
(Telephone Number)

On behalf of Contractor:

1. _____
(Name)

(Signature)

(Telephone Number)

2. _____
(Name)

(Signature)

(Telephone Number)

Contractor, Escrow Agent, and University hereby agree to the covenants contained herein.

IN WITNESS WHEREOF, Contractor, Escrow Agent, and University have executed this Escrow Agreement, the day and year first written above.

University:

By _____
(Signature)

Jason Nietupski
(Printed Name)

Executive Director
Facilities Planning & Development Division
(Title)

916-734-7024
(Telephone Number)

By _____
(Signature)

Douglas Whiteaker
(Printed Name)

Director of Capital Projects
(Title)

916-734-7024
(Telephone Number)

Escrow Agent:

By _____
(Signature)

(Printed Name)

(Title)

(Telephone Number)

Contractor:

By _____
(Signature)

(Printed Name)

(Title)

(Telephone Number)

By _____
(Signature)

(Printed Name)

(Title)

(Telephone Number)

SUBMITTAL SCHEDULE

Project Name: _____

Project Number: _____

Facility: Facilities Design and Construction

Contract Date: _____

Subcontractor: _____

Specification Section: _____

Work Activity: _____

Event		Scheduled Completion Date	Actual Completion Date	Calendar Days Required to Complete
1.	Received by Contractor and Time for Checking			
2.	First Delivered to University's Representative and Time for Checking			
3.	Return to Contractor			
4.	Corrections Completed and Time for Corrections			
5.	Next Delivered to University's Representative and Time for Checking			
6.	Return to Contractor			
7.	Approval for Job Information			
8.	Approval for Fabrication and Time for Fabrication			
9.	Fabrication Completed			
10.	Shipping Date and Time Enroute			
11.	Delivery to Job			

COST PROPOSAL

Date: _____

Change Order Request No.: _____

Project No.: _____

Project Name: _____

UC Davis Health
Facilities Design and Construction

Scope of Change:

Instructions:

1. Complete this form by providing (a) all information required above, (b) the amount and justification based upon the Contract Schedule for any proposed adjustment of Contract Time, (c) the proposed adjustment of Contract Sum, (d) the attached "Cost Proposal Summary," (e) the attached form titled, "Supporting Documentation for the Cost Proposal Summary," and (f) the attached form titled "Cost Breakdown for Supporting Documentation," and (g) the attached form titled "Labor Breakdown for Supporting Documentation." Items (f) and (g) listed above are optional and shall be completed as instructed.
2. Attach the form titled "Supporting Documentation for the Cost Proposal Summary" "Cost Breakdown for Supporting Documentation," and "Labor Breakdown for Supporting Documentation" for Contractor and each Subcontractor involved in the Extra Work. Each such form shall be completed and signed by Contractor or Subcontractor actually performing the Work activity identified on the form. Attach supporting data to each such form to substantiate the individually listed costs. The costs provided on these forms shall be used to substantiate Additional Costs shown on the Cost Proposal Summary.
3. The Contractor Fee shall be computed on the Cost of Extra Work of Contractor and each Subcontractor involved in the Extra Work; and shall constitute full compensation for all costs and expenses related to the subject change and not listed in the "Supporting Documentation for the Cost Proposal Summary," including overhead and profit.
4. Refer to Article 7.3 of the General Conditions for the method of computing the Contractor Fee.

Adjustment of the Contract Time (Include justification based upon the Contract Schedule): _____
(Days)

Refer to Article 8 of the General Conditions.

Adjustment of the Contract Sum (Total from line 18, col. 4 of Cost Proposal Summary): \$ _____

Refer to Article 7 of the General Conditions.

Submitted:

Received:

(Contractor)

(University's Representative)

By: _____
(Signature)

By: _____
(Signature)

Title: _____

Title: _____

Date: _____

Date: _____

COST PROPOSAL SUMMARY

Change Order Request No.: _____

Contractor Name: _____

UC Davis Health Facilities Design and Construction

		(1)	(2)	(3)	
		Contractor	1st Tier Subs	2nd & Lower Tier Subs	Total
ACTUAL COSTS	1. Straight Time Wages/Salaries – Labor				
	2. Fringe Benefits and Payroll Taxes – Labor				
	3. Overtime Wages/Salaries – Labor				
	4. Fringe Benefits and Payroll Taxes – Overtime				
	5. Materials and Consumable Items				
	6. Sales Taxes (On line 5)				
	7. Rental Charges				
	8. Royalties				
	9. Permits				
	10.Total Direct Expense (Sum of lines 1-9)				
	11. Insurance & Bonds (up to 2% of line 10)				
CONTRACTOR FEE	12. Sub-Sub (15% of line 10; col. 3)				
	13. Subcontractor (5% of line 10; col. 3)				
	14. Subcontractor (15% of line 10; col. 2)				
	15. Contractor (5% of line 10; col. 2 & 3)				
	16. Contractor (15% of line 10; col. 1)				
	17. Contractor Fee (Sum of lines 12-16)				
TOTAL	18. Sum of lines 10, 11, & 17				

Actual Costs are taken from line 12 of the attached forms titled, "Supporting Documentation for the Cost Proposal Summary" for Contractor and each Subcontractor involved in the Extra Work.

SUPPORTING DOCUMENTATION FOR THE COST PROPOSAL SUMMARY

Contractor/Subcontractor Name: _____

Change Order Request No.: _____

Work Activity: _____

UC Davis Health
Facilities Design and Construction

COST ITEM	DESCRIPTION	COST ⁽¹⁾
ACTUAL COSTS	1. Straight Time Wages/Salaries – Labor	
	2. Fringe Benefits and Payroll Taxes – Labor: % of line 1	
	3. Overtime Wages/Salaries – Labor (Attach University Representative's written authorization)	
	4. Fringe Benefits and Payroll Taxes – Overtime: % of line 3	
	5. Materials and Consumable items	
	6. Sales Taxes: % of line 5	
	7. Rental Charges (attach CalTrans' Schedule)	
	8. Royalties	
	9. Permits	
	10. Total Direct Expense – sum of lines 1-9	
	11. Insurance and Bonds % of line 10 (up to 2% of line 10)	
TOTAL	12. Sum of lines 10 and 11	

(Company Name)

(Signature) ⁽²⁾

(Title)

(Date)

(Contractor's Company Name)

(Signature) ⁽³⁾

(Title)

(Date)

Notes: (1) Round off all costs to the nearest dollar.

(2) This form shall be prepared and signed by Contractor or Subcontractor actually performing the Work activity indicated above.

(3) If this form is signed by a Subcontractor, it shall be reviewed and signed by Contractor certifying the accuracy of the information.

Change Order Request No. _____
CONTRACTOR OR SUBCONTRACTOR NAME: _____
DATE: _____

JOB/CONTRACT NOS.: _____

[illegible]

TOTAL NET COST (sum of Total Cost column)

LABOR RATE BREAKDOWN for SUPPORTING DOCUMENTATION

CONTRACTOR/SUBCONTRACTOR _____ Date: _____

(1)\$ _____ BASIC HOURLY RATE for _____ CRAFT

_____ Prevailing Wage Employer Payments
_____ HEALTH AND WELFARE
_____ PENSION
_____ VACATION/HOLIDAY
_____ TRAINING

(2)\$ _____ Subtotal - Employer Payments

_____ Labor Burden paid by Employer
_____ WORKERS COMP INSURANCE
_____ STATE UNEMPLOYMENT (SUI)
_____ FED UNEMPLOYMENT (FUI)
_____ SOCIAL SECURITY (FICA)
_____ MEDICARE (FMI)

(3)\$ _____ Subtotal - Burden

\$ _____ TOTAL LINES 1 +2 +3

I certify the above information is true and correct

Signed: _____

Date

CONTRACTOR NAME

ADDRESS

CITY, STATE, ZIP

(###) ###-####

(###) ###-#### Fax

Subject:

Description:

Attachments:

Method of determining a change in contract sum:

Estimated Adjustment of
Sum:

Estimated Adjustment of Contract
Time:

Funds Approved By: _____
FD&C Capital Finance

Date: _____

University's Authorization to proceed with this field order:

Signed By: _____
(Project Manager)

Date: _____

Contractor's acceptance of the above estimated adjustments in contract sum and time:

Signed By: _____
(Contractor)

Date: _____

Note: If the Work described above constitutes a change, this Field Order will be superseded by a Change Order that will include the scope of the change in the Work and any actual adjustments of the Contract Sum and the Contract Time. A detailed cost breakdown and completed distribution of contract dollars must be submitted to UCDMC FD&C before the Change Order can be processed.

CC: Inspector, Consultant, File

Date

CONTRACTOR NAME

ADDRESS

CITY, STATE, ZIP

(###) ###-####

(###) ###-####

Subject:

Description of Change:

Reason for Change:

Adjustment in Contract Sum

Original Contract Sum:

Prior Adjustments:

Contract Sum Prior to this Change:

Adjustment for this Change:

Revised Contract Sum:

Adjustment in Contract Time

Original Contract Time:

Prior Changes:

Adjustment for this Change:

Revised Contract Time:

Contract Completion Date:

Funding Information

Contractor waives any claim for further adjustments in the Contract Sum and the Contract Time related to the above described change in the Work.

RECOMMENDED:

By: _____

Date: _____

FUNDS APPROVED:

By: _____

Date: _____

APPROVED:

UNIVERSITY: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

By: _____

Date: _____

ACCEPTED:

By: _____

Date: _____

CHANGE ORDER FULLY EXECUTED:

By: _____

Date: _____

CONDITIONAL WAIVER AND RELEASE UPON PROGRESS PAYMENT

NOTICE: THIS DOCUMENT WAIVES THE CLAIMANT'S LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS EFFECTIVE ON RECEIPT OF PAYMENT. A PERSON SHOULD NOT RELY ON THIS DOCUMENT UNLESS SATISFIED THAT THE CLAIMANT HAS RECEIVED PAYMENT.

Identifying Information

Name of Claimant: _____
Name of Customer: _____
Job Location: _____
Owner: _____
Through Date: _____

Conditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job through the Through Date of this document. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. This document is effective only on the claimant's receipt of payment from the financial institution on which the following check is drawn:

Maker of Check: _____
Amount of Check: \$ _____
Check Payable to: _____

Exceptions

This document does not affect any of the following:

- (1) Retentions.
- (2) Extras for which the claimant has not received payment.
- (3) The following progress payments for which the claimant has previously given a conditional waiver and release but has not received payment:

Date(s) of waiver and release: _____

Amount(s) of unpaid progress payment(s): \$ _____

- (4) Contract rights, including (A) a right based on rescission, abandonment, or breach of contract, and (B) the right to recover compensation for work not compensated by the payment.

Signature

Claimant's Signature: _____
Claimant's Title: _____
Date of Signature: _____

UNCONDITIONAL WAIVER AND RELEASE UPON PROGRESS PAYMENT

NOTICE TO CLAIMANT: THIS DOCUMENT WAIVES AND RELEASES LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL WAIVER AND RELEASE FORM.

Identifying Information

Name of Claimant: _____
Name of Customer: _____
Job Location: _____
Owner: _____
Through Date: _____

Unconditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job through the Through Date of this document. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. The claimant has received the following progress payment: \$_____

Exceptions

This document does not affect any of the following:

- (1) Retentions.
- (2) Extras for which the claimant has not received payment.
- (3) Contract rights, including (A) a right based on rescission, abandonment, or breach of contract, and (B) the right to recover compensation for work not compensated by the payment.

Signature

Claimant's Signature: _____
Claimant's Title: _____
Date of Signature: _____

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
MASTER BUILDER'S RISK PROGRAM
COVERAGE SUMMARY

This document summarizes the Builder's Risk policy and is not intended to reflect all the terms, conditions, or exclusions of such policy as of the effective date of coverage. This document is not an insurance policy and does not amend, alter or extend the coverage afforded by the listed policy. The actual insurance policy defines all the terms, exclusions and conditions of coverage, and not this summary. Should any ambiguities or conflicts between the summary and policy exist, the policy terms and conditions will apply.

*Some Projects may be excluded and/or must be underwritten separately and may be subject to different rates, deductibles, and terms and conditions (see page 15). Therefore, **this document should be used as a guideline only.***

INSURANCE COMPANY: Allianz Global Risks U.S. Insurance Company

BEST'S RATING: A+

NAMED INSURED: Regents of the University of California

INSURING AGREEMENT

This Policy, subject to the Limit of Liability and the terms, conditions, and limitations contained herein or endorsed hereon, insures against all risks of direct physical loss of or direct physical damage to Insured Property while at the construction site, stored off-site, or in the course of transit within the Territorial Limits specified in the Schedule during the Period of Insurance of each Insured Project.

LIMITS OF LIABILITY

SCHEDULE OF LIMITS

This Company shall not be liable for more than the Limit of Liability, as stated in Confirmation of Coverage, in any one Occurrence for any one Insured Project, subject to the following limits and sublimits:

MASTER POLICY LIMITS, BY CONSTRUCTION CLASS

\$150,000,000 per project, per occurrence; except,
\$ 25,000,000 per project, Joisted Masonry construction
\$ 25,000,000 per project, Wood Frame construction

NOTE: *The Total Estimated Construction Cost is estimated through project completion and reported on the original Builder's Risk Insurance Application. This Limit of Liability (Total Project Value (TPV)) will correspond with the Total Estimated Construction Cost as shown on the original Builder's Risk Insurance Application. If the construction costs should increase, the Limit of Liability (TPV) should be subsequently increased, once advance notice has been given by the University's Representative to Willis Towers Watson.*

KEY SUBLIMITS (percentage or dollar value, whichever is less):

1. \$25,000,000 for **Wood Frame Construction**
2. \$25,000,000 for **Joisted Masonry Construction**
3. \$50,000,000 for **Structural Renovations**
4. \$500,000 for **Pollution Cleanup Expenses**
5. 15% of the declared estimated Total Project Value or minimum of \$2,500,000, subject to a maximum of \$30,000,000 for **Demolition and Increased Cost of Construction**
6. 25% of the adjusted property damage loss or minimum of \$1,000,000, subject to a maximum of \$5,000,000 for **Expediting Expense/Extra Expense**
7. 10% of the declared estimated Total Project Value or minimum of \$2,500,000, subject to a maximum of \$10,000,000 for **Insured Property while Stored Off-site**

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8. 10% of the declared estimated Total Project Value or minimum of \$2,500,000, subject to a maximum of \$10,000,000 for **Insured Property while in the Course of Inland Transit (continental US)**
9. 25% of the declared estimated Total Project Value or minimum of \$2,500,000, subject to a maximum of \$30,000,000 for **Debris Removal**
10. \$750,000 for **Valuable Papers**
11. \$1,000,000 for **Trees, Grass, Shrubbery, Seed and Plants**
12. 10% of estimated Total Project Value or minimum of \$1,000,000, subject to a maximum of \$10,000,000 for **Frost, Freeze, Falling of Ice**
13. 15% of the adjusted property damage loss or minimum of \$1,000,000, subject to a maximum of \$15,000,000 for **Green/LEED Rating System**
14. 10% of the adjusted property damage loss or minimum of \$250,000, subject to a maximum of \$500,000 for **Mold/Fungi**
15. 5% of the declared estimated Total Project Value or minimum of \$1,000,000, subject to a maximum of \$10,000,000 for additional **Architects, Engineering and Professional Fees**
16. \$500,000 for **Claims Preparation Expenses**
17. \$750,000 for **Protection Services and Equipment Refills**
18. \$50,000 for **Reward Payment**
19. \$1,000,000 for **Off Premises Service Interruption – Direct Damage**

KEY TERMS AND CONDITIONS

NAMED INSURED

The Regents of the University of California and all affiliated and subsidiary companies, corporations, ventures, partnerships or other organizations, all owned, controlled or managed by the Named Insured and all as now exist or may hereafter be constituted or acquired.

ADDITIONAL INSURED

General Contractors, Construction Managers and subcontractors of every tier. Additionally, any other person or entity(ies) as identified on a Project Declaration Endorsement, Quarterly Report Endorsement, or to the extent required by a written contract or agreement. As respects architects, engineers, manufacturers and suppliers, the foregoing is limited to their site activities only.

ATTACHMENT/TERMINATION

Insurance hereunder applies to all projects specifically declared under the Master Policy in a Quarterly Report Endorsement or in a Project Declaration Endorsement, where the project is scheduled to begin during the term of the Master Policy. The Master Policy term commences on September 1, 2017 at 12:01AM and ends on September 1, 2020 at 12:01AM.

Coverage for each Insured Project declared under the Master Policy will go into effect and continue in full force and effect during the Coverage Period specified in the Confirmation of Coverage.

NOTIFICATION OF COVERAGE/TERMINATION: *The Confirmation of Coverage Period will correspond with the Estimated Dates of Commencement and Completion of Work as indicated on the original Builder's Risk Insurance Application. If construction is not completed on time and coverage beyond the Estimated Date of Completion of Work is required, prior notification must be given by the University Representative to Willis Towers Watson in order to ensure that coverage remains in force for the project.*

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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DEDUCTIBLES (Basis for determining Deductible is the Total Project Value on record with the insurance company at time of loss. Total Project Value will correspond with the Total Estimated Construction Cost reported.)

NOTE: *The contractor shall be responsible for the deductibles.*

All Other Perils (except Water Damage; Electrical/Mechanical Breakdown and/or Hot-testing)

\$10,000 for Projects up to a value of \$25,000,000

\$25,000 for Projects exceeding \$25,000,000 in value

Water Damage

\$25,000 for projects up to a value of \$25,000,000

\$50,000 for projects valued \$25,000,000 up to \$50,000,000

\$75,000 for projects exceeding \$50,000,000 in value

Frost/Freeze/Falling Ice: \$100,000

Electrical/Mechanical Breakdown and/or Hot Testing

\$50,000 for Projects up to a value of \$25,000,000

\$100,000 for Projects valued \$25,000,000 up to \$100,000,000

\$250,000 for Projects exceeding \$100,000,000 in value

KEY EXCLUSIONS

PROPERTY EXCLUDED

This Policy does not insure:

1. Land, but this exclusion does not apply to excavation and grading as long as the cost of the excavation and grading is included in the Limit of Liability as stated in Confirmation of Coverage.
2. Contractor's plant and equipment, machinery, tools, or property of similar nature not destined to become a permanent part of the Insured Project but this exclusion shall not apply to formwork, fences, shoring, falsework and temporary buildings as long as the value of these items are included in the estimated Limit of Liability as stated in Confirmation of Coverage.
3. Automobiles or other vehicles, watercraft or aircraft.
4. Water.
5. Accounts, bills, currency, deeds, securities, books, records, manuscripts, other similar papers, or data processing media.
6. Existing buildings or structures or any other existing property.
7. Owner supplied material, equipment, machinery and supplies, unless the value of such is included in the Limit of Liability as stated in Confirmation of Coverage.
8. Transmission and/or distribution lines; including wires, cables, poles, towers and all equipment attached thereto beyond 1,000 feet from the perimeter of the project site.
9. Partially or completely excavated or open trench, pipeline or workface, at any one time beyond 1,000 feet in length.

EXCLUDED CAUSES OF LOSS

1. Loss or damage caused by, or resulting from, wear and tear, moth, vermin, termites or other insects, inherent vice, latent defect, gradual deterioration, wet or dry rot and rust, corrosion, erosion or normal settling, shrinkage, and/or expansion of buildings and/or foundations.
2. Any loss of use or occupancy or consequential loss of any nature howsoever caused.
3. Liquidated damages and/or penalties for delay or detention in connection with guarantees of performance or efficiency.
4. Hostile or warlike action.
5. Nuclear reaction, nuclear radiation, or radioactive contamination.

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6. Any cost or expenses incurred to test for, monitor, or assess the existence, concentration or effects of Fungi.
7. Loss or damage caused by or resulting from infidelity or dishonesty on the part of the Insured and/or any employee of the Insured; inventory shortage or unexplained disappearance.
8. Loss or damage caused by or resulting from the enforcement of any ordinance or law, or any order of governmental or municipal authority; by suspension, lapse, termination and/or cancellation of any license, lease, or permit, or any injunction or process of any court, unless otherwise endorsed herein.
9. Loss or damage caused by, resulting from, contributed to or made worse by actual, alleged, or threatened release, discharge, escape or dispersal of Contaminants and/or Pollutants.
10. Loss or damage to Insured Property while aboard any aircraft or watercraft.
11. The cost of making good faulty or defective workmanship, material, construction, designs, plans and/or specifications unless direct physical loss or direct physical damage not otherwise excluded under this policy ensues and then this Policy will cover such ensuing loss or damage only.
12. Loss, damage, corruption, destruction, distortion, interruption, disruption, erasure, deletion, alteration, loss of use, reduction in functionality, loss of access to, denial of access to or breakdown of Electronic Data from any cause whatsoever.
13. Loss or damage to Used Equipment caused by mechanical and/or electrical breakdown.
14. Loss or damage directly or indirectly caused by, resulting from, contributed to, or aggravated by Land Movement.
15. Loss or damage directly or indirectly caused by, resulting from, contributed to, or aggravated by Flood.
16. Loss or damage covered under any guarantee or warranty, expressed or implied, by any manufacturer or supplier whether or not such manufacturer or supplier is an Insured under this policy.
17. Terrorism.
18. Loss or damage arising out of the performance of the professional activities of any consulting engineer, architect, or designer, or any person employed by them or any others whose acts they are legally liable for whether or not named as an Insured under this Policy.

SELECTED EXTENSIONS OF COVERAGE

1. EXPEDITING/EXTRA EXPENSES

Subject to the stated sublimit, this Policy is extended to cover extra charges for overtime, night work, work on public holidays, the extra cost of rental construction equipment, express freight, including air freight all incurred solely:

- A. to facilitate the repair or replacement of the Insured Property which has sustained physical loss or physical damage from a peril insured, or;
- B. which are necessary to return the work on the Insured Property to the same schedule actually being observed immediately prior to the sustaining of physical loss or physical damage from a peril insured.

This Policy does not cover charges incurred to expedite work on parts of the Insured Property which have not sustained physical loss or physical damage.

2. DEMOLITION AND INCREASED COST OF CONSTRUCTION

- A. Subject to the stated sublimit, in the event of direct physical loss and/or direct physical damage by perils insured under this Policy, the Company shall also pay:
 - (i) The increased cost to repair, replace or re-erect the Insured Property caused by the enforcement of any building, zoning or land use ordinance or law in force at the time of loss. If the Insured Property is replaced, it must be intended for similar occupancy of the current Insured Property, unless otherwise required by zoning or land use ordinance or law.

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- (ii) The cost to demolish and clear the construction site of undamaged parts of the Insured Property caused by the enforcement of any building, zoning or land use law in force at the time of the loss.
- B. In no event, however, shall the Company be liable for costs associated with the enforcement of any ordinance or law which requires any Insured or others to test for, monitor, clean up, remove, contain, treat, detoxify, or neutralize, or in any way respond to or assess the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkali, toxic chemicals, liquids or gasses, waste materials or other irritants, any Contaminants and/or Pollutants.
- C. The Company shall not pay for the increased cost of construction until the Insured Property is actually repaired, replaced, or re-erected at the same construction site or elsewhere and as soon as reasonably possible after the loss or damage, not to exceed thirty (30) months.
- D. In no event, however, shall the Company pay more:
 - (i) If the Insured Property is repaired, replaced or re-erected at the same construction site than the amount the insured actually spends to:
 - a) Demolish and clear the construction site; and
 - b) Repair, replace or re-erect the Insured Property but not for more than property of like height, floor area and style at the same construction site.
 - (ii) If the Insured Property is not repaired, replaced, or re-erected at the same construction site than:
 - a) The amount the Insured actually spends to demolish and clear the construction site; and
 - b) The cost to replace, at the same construction site, the damaged or destroyed Insured Property with other property;
 - 1) of like kind and quality;
 - 2) of like height, floor area and style; and
 - 3) used for the same purpose.
 - (iii) Than the stated sublimit of Demolition and Increased Cost of Construction.

3. PROTECTION SERVICES AND EQUIPMENT REFILLS

Subject to the stated sublimit, in the event of direct physical loss or direct physical damage to Insured Property by perils insured under this Policy, this insurance shall also pay the cost for services rendered by the Fire Department, Police Department or other governmental authority to save or protect Insured Property from direct physical loss or damage by an insured peril, for which the Insured is liable, provided they are assumed by contract or written agreement prior to a loss or they are required by a local ordinance.

This policy also covers cost or expense to recharge or refill any fire protective equipment owned, in the control of, or used to protect the Insured Property when discharged:

- A. To prevent or control direct physical loss or direct physical damage by an insured peril; or
- B. Accidentally; or
- C. As a result of malfunction of the equipment.

In respect items B. and C. above, the Company will pay for amounts in excess of amounts recoverable under any manufacturer's or supplier's warranty.

4. PLANS, BLUEPRINTS, AND SPECIFICATIONS

Subject to the stated sublimit, in the event of direct physical damage to records, documents, drawings, plans, blueprints or specifications by perils insured under this policy, this insurance shall also pay the costs of mechanical reproduction from originals.

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5. TREES, GRASS, SHRUBBERY, SEED AND PLANTS

Subject to the stated sublimit, this policy is extended to insure direct physical loss or direct physical damage to trees, grass, shrubbery, seed and plants caused by or resulting from fire, lightning, windstorm, hail, explosion, smoke, collision by aircraft or vehicle, riot, riot attending a strike or civil commotion, vandalism or malicious mischief.

6. DEBRIS REMOVAL

Subject to the stated sublimit, in the event of direct physical loss or physical damage to Insured Property by perils insured under this policy, this insurance shall also pay the cost of removal of material and debris being a part of the Insured Property located at the construction site and the cost to demolish and clear the construction site of undamaged parts caused by the enforcement of any building, zoning or land use law in force at the time of the loss.

This Policy also covers cost or expense to:

- A. Extract Contaminants and/or Pollutants from the debris; or
- B. Extract Contaminants and/or Pollutants from land and/or water; or
- C. Remove, restore, or replace land and/or water made necessary due to the presence of Contaminants and/or Pollutants; or
- D. Remove or transport any property, material, or debris to a site for storage or decontamination required because the property, material, or debris is affected by Contaminants and/or Pollutants, whether or not such removal, transport, or decontamination is required by law or regulation.
- E. This sub-clause (Items A - D above), is subject to a sublimit for **Pollution Cleanup Expenses**.

It is a condition precedent to recovery under this clause, that the Company shall have paid, or agreed to pay for direct physical loss or direct physical damage to the Insured Property and that the Insured shall give written notice to the Company of intent to claim for cost of removal of debris or the cost of cleanup no later than (12) twelve months after the date the original physical loss or physical damage occurred.

7. ARCHITECT, ENGINEERING AND PROFESSIONAL FEES

Subject to the stated sublimit, Architect, Engineering and Professional Fees shall mean the additional architectural and engineering expenses, excluding any costs for redesign or betterment, or owner's consultant service expenses, or owner's legal, appraisal, title and/or inspection fees incurred to facilitate repair or replacement of the Insured Property which has sustained physical loss or physical damage from an insured peril.

8. GREEN/LEED

Subject to the stated sublimit, in the event of a direct physical loss or direct physical damage not otherwise excluded in the policy to Insured Property by perils insured under the policy the Insurer shall also pay the reasonable additional cost, if any, incurred by the Insured to repair or replace such damaged or destroyed Insured Property in a manner and with products or materials of otherwise equivalent quality and function that meet the requirements of the LEED Rating System.

Coverage under this extension applies only if the Insured Project has been registered with the US Green Building Council during the Period of Insurance specified as stated in Confirmation of Coverage and prior to any loss, and only to the initial and intended building certification level that has been registered with the US Green Building Council, in accordance with the criteria outlined in order to comply with the requirements of the LEED Rating System existing at the time of the loss or damage to the Insured Project, which upon completion will undergo the process of being certified by the US Green Building Council.

This coverage extension includes the additional coverages below as part of and not in addition to the sublimit as stated:

(1) CERTIFICATION FEES

Coverage is provided herein for the registration and certification fees charged by U.S. Green Building Council for the Insured to obtain LEED certification;

(2) COMMISSIONING EXPENSE

Coverage is provided herein for the reasonable expense incurred by the Insured to hire a professional engineer to provide commissioning or retro-commissioning services, including overseeing the repairs and replacement of damaged or destroyed Insured Property in order to verify and document that the replacement systems have been installed and calibrated properly and perform according to the documented design criteria and manufacturers' specifications; and to conduct a Test-and-Balance analysis of heating, ventilating or air conditioning systems (HVAC) as part of the commissioning or retro-commissioning, even if the HVAC system did not sustain any physical loss or damage;

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(3) FLUSH-OUT OF RECONSTRUCTED SPACE

Coverage is provided herein for the reasonable expense incurred by the Insured to flush out the reconstructed space with 100% outside air through new filtration media following reconstruction in a manner consistent with the LEED Rating System;

(4) LEED ACCREDITED PROFESSIONAL FEES

Coverage is provided herein for the reasonable expense incurred by the Insured to hire a LEED Accredited Professional to participate in the design and construction of the damaged or destroyed building.

(5) RECYCLING EXPENSE

DEBRIS REMOVAL is extended to cover the reasonable additional cost incurred, if any, to sort, collect and transport recyclable debris to recycling facilities instead of landfills. Any income or remuneration derived from this recycling will be used to reduce the amount of the loss.

GREEN / LEED EXCLUSIONS:

No coverage is provided under this extension:

- A. If no such products or materials exist at the time of the loss or damage; or
- B. If the Insured does not repair or replace the damaged or destroyed Insured Property.

In no event will the policy pay more than the lesser of the:

- A. The cost to repair; or
- B. The cost to replace;

the damaged Insured Property in a manner and with products or materials of otherwise equivalent quality and function that meet the requirements of the LEED Rating System existing at the time of the loss or damage.

No coverage is provided under this extension of coverage for any of the following items:

- A. Re-registering the Insured project with the US Green Building Council.
- B. Failure to meet the registered LEED Building Rating certification level.
- C. Land and land values.
- D. Any additional cost incurred to comply with any law or ordinance.
- E. Personal property of others in the Insured's care, custody or control.
- F. Raw materials, stock-in-process and finished goods.
- G. Motor vehicles.
- H. Property located outside the Territorial Limits of the policy.

9. CLAIMS PREPARATIONS EXPENSE

Subject to the stated sublimit, this policy is extended to include reasonable expenses incurred by the Insured, or by the Insured's representatives for preparing the details of a claim resulting from a loss which would be payable under this policy. However, the Company shall not be liable for expenses incurred by the Insured in utilizing or retaining the services of attorneys, insurance agents or brokers; or any subsidiary, related or associated entities either partially or wholly owned by an attorney or public adjuster.

10. MOLD/FUNGI

Subject to the stated sublimit, in the event of direct physical loss or direct physical damage to Insured Property by perils insured under the policy, the insurance shall also pay, subject to the Limit of Liability and the terms, conditions, and limitations of this policy, the cost to clean up or remove Mold/Fungi from Insured Property located at the construction site.

Notwithstanding any terms or conditions, this policy does not insure any cost or expense incurred to test for, monitor, or assess the existence, concentration or effects of Mold/Fungi.

11. REWARD PAYMENT

Subject to the stated sublimit, the Company will reimburse the Named Insured for rewards that the Named Insured paid to others for information leading to:

- A. The successful return of undamaged stolen Insured Property to the Insured or a law enforcement agency; or
- B. The arrest and convictions of any persons responsible for having damaged or stolen Covered Property.

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The reward payments must be documented.

The most that the Company will pay under this Coverage Extension in any one "occurrence" is 25% of the covered loss of or damage to Insured Property, prior to the application of any applicable Deductible and recovery of any Insured Property, up to the stated Sublimit.

12. OFF-PREMISES SERVICE INTERRUPTION – DIRECT DAMAGE

Subject to the stated sublimit, the Company will pay for direct physical loss of or damage to Insured Property at the project site directly caused by an off premises service interruption. The interruption must result from direct physical loss or damage directly caused by a covered cause of loss to property located away from the project site and used to provide any of the following services to the project site:

- A. Water;
- B. Power, including steam and natural gas; or
- C. Communication, including video, voice and data.

SELECTED GENERAL CONDITIONS

1. REQUIREMENTS IN CASE OF LOSS

In the event of loss or damage to Insured Property the Insured shall:

- A. Give immediate notice to the insurance company;
- B. Protect the Insured Property from further loss or damage;
- C. Within ninety (90) days from the date of discovery of the loss or damage, the Named Insured shall render a statement to the Insurer signed and sworn to by the Named Insured stating the knowledge and belief of the Insured as to the time and cause of the loss or damage and the interest of the Insured and all others in the Insured Property;
- D. Exhibit to any person designated by the Insurer all that remains of the Insured Property.
- E. Coordinate and cooperate with investigation and/or inspection of property and provide documentation as requested by the insurance adjuster. Do NOT destroy or salvage damaged property unless authorized to do so by the insurance adjuster.
- F. Submit to examinations under oath by any person named by the Insurer and produce for examination all writings, books of account, bills, invoices and other vouchers, or certified copies thereof if originals be lost, at such reasonable time and place as may be designated by the Insurer or its representative, and permit extracts and copies thereof to be made. No such examination under oath or examination of books or documents shall be deemed to be a waiver of any defense which the Insurer might otherwise have with respect to any loss or claim; but all such examinations and acts shall be deemed to have been made or done without prejudice to the Company's liability.
- G. Subject to the Limit of Liability and the terms, conditions, and limitations of the policy, all adjusted losses shall be paid or made good to the Named Insured within sixty (60) days after presentation and acceptance of the satisfactory proof of interest and loss to the Insurer. No amount shall be paid on an adjusted loss or made good if the Insured has collected the same from others.

2. VALUATION

Subject to the Limit of Liability, sublimits or Aggregate Limit of Liability, the Insurer shall not be liable beyond the cost to repair, replace, or re-erect the Insured Property at the time and place of loss, with materials of like kind and quality, less the cost of betterment, salvage, or other recovery including contractors reasonable profit and overhead in the proportion as that included in the original contract documents, or 15% profit and overhead, whichever is lesser. If the Insured Property is not replaced, then the loss shall be settled on the Actual Cash Value basis with proper deduction for depreciation, salvage or other recovery and exclusive of profit and overhead.

3. PROTECTION OF PROPERTY

In the case of direct physical loss or direct physical damage to Insured Property by perils insured under the policy, it shall be lawful and necessary for the Insured, his or their factors, servants, or assigns, to sue, labor, and travel for in and about the

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defense, safeguard, and recovery of the Insured Property, or any part thereof, without prejudice to this insurance, nor shall the acts of the Insured or Insurer, in recovering, saving, and preserving the Insured Property in case of loss be considered a waiver or an acceptance of abandonment. The expenses so incurred shall be borne by the Insured and the Insurer proportionately to the extent of their respective interests.

4. OTHER INSURANCE

This Policy shall not provide coverage to the extent of any other insurance, whether prior or subsequent hereto in date, and by whomsoever effected, directly or indirectly covering the same property against the same peril; and the Company shall be liable for direct physical loss or direct physical damage only for the excess value beyond the amount due from such other insurance, subject to the applicable Deductible.

5. INSUREDS' REPRESENTATIVE

The first Named Insured shall be the sole and irrevocable agent of each and every Insured for the purpose of:

- A. Payment of premium;
- B. Giving or receiving notice of cancellation;
- C. Requesting amendments to this policy and accepting amendments to the policy made by the Insurer.

6. LOSS PAYABLE

Loss, if any, shall be payable to the first Named Insured and/or its assigned designee.

7. PARTIAL OCCUPANCY OR USE

Notwithstanding anything to the contrary elsewhere in the policy, the Owner and/or tenants may occupy or use any completed or partially completed portion of the Insured Property, provided that the Insured warrants that all fire protection shall be in service and fully operational during such occupancy or use.

SELECTED DEFINITIONS

The following terms have been defined in the Master Policy and will be applied in the interpretation of certain wording used herein or within the Master Policy.

1. FLOOD:

Flood shall mean the rising, overflowing or breaking of boundaries of rivers, lakes, streams, ponds or similar natural or man-made bodies of water, or from waves, tidal waves, tidal waters, wave wash, or spray from any of the foregoing, surface waters, rain accumulation run off, all whether driven by wind or not.

2. CONTAMINANTS OR POLLUTANTS:

Contaminants and/or Pollutants shall mean any material which after its release or discharge can cause or threaten damage to human health and/or human welfare, or causes or threatens damage, deterioration, loss of value, marketability and/or loss of use to Insured Property; including, but not limited to, bacteria, virus, or hazardous substances as listed in the Federal Water Pollution Control Act, Clean Air Act, Resource Conservation and Recovery Act of 1976, and/or Toxic Substances Control Act, or as designated by the U.S. Environmental Protection Agency.

3. LAND MOVEMENT:

Land Movement shall mean all land movement however caused, whether by natural event or man-made including but not limited to, earthquake, volcanic eruption, tsunami, subsidence, landslide, mudflow, or rockfall.

4. OCCURRENCE:

Occurrence shall mean any one loss, disaster, or casualty, or series of losses, disasters, or casualties arising out of one event. With respect to the perils of Flood, Land Movement, or riots, one event shall be construed to be all losses arising during a continuous period of seventy-two (72) hours. With respect to the peril of Water Damage, one event shall be construed to be all losses arising during a continuous period of ninety-six (96) hours.

The Insured may choose the time from which any such period shall be deemed to have commenced, provided it shall not be earlier than the time of the first loss sustained by the Insured during the Occurrence.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
MASTER BUILDER'S RISK PROGRAM
COVERAGE SUMMARY

5. WATER DAMAGE:

All water damage excluding flood, however caused, whether by natural event or man-made, including but not limited to interior water damage, damage due to water from pipe breakage or sprinkler leakage, damage from rainfall and/or resulting runoff; all whether wind driven or not.

PROJECTS EXCLUDED AND/OR MUST BE UNDERWRITTEN SEPARATELY. THESE PROJECTS MAY BE SUBJECT TO DIFFERENT RATES, DEDUCTIBLES, TERMS AND CONDITIONS.

(A) Construction Cost exceeds:

- \$150 Million regardless of Construction Type (Standalone project-specific policy may apply on projects over \$100 Million)
- \$25 Million for Wood Frame (Standalone project-specific policy may apply on projects over \$10 Million)
- \$25 Million for Joisted Masonry
- \$50 Million for Structural Renovations

(B) Project involves the following:

- Construction occurring outside of the State of California
- Co-Generation Facility
- Stadium or arena
- Bridge
- Tunnel
- Excavations greater than 1,000 feet in length or 40 feet in depth
- Transmission and/or distribution lines extending greater than 1,000 feet in length from the perimeter project site including cable, telecom, wires, poles, towers, and electrical
- Directional Drilling
- Gas Turbine
- Power Plants

(C) Project involves the following, without being delivered in combination with other new "ground-up" construction:

- Water or Sewer Pipelines, Cut and Cover, Open Trench, Utility Relocations (exceeding \$25M in value), Central Utility Plants, Waste Water, or Water Treatment Facilities. (Standalone projects means when the scope of work is not included in the estimated Construction Cost of a building project).

(D) Project requires coverage for:

- Land Movement (e.g. Earthquake)
- Flood
- Terrorism
- Delay in Completion/Business Interruption

[End]

EXHIBIT 13
CONFIRMATION OF CERTIFICATION

For the Contractor and each Sub-contractor indicated on the Report of Subcontractor Information (Exhibit 14), the following must be completed.

Indicate all Business category(ies) that apply by checking the box next to the applicable category(ies), providing the Certification Agency and Certification Number along with attached proof of certification. If none apply, please sign without checking any of the boxes.

<input type="checkbox"/> Small Business Enterprise (SBE) - an independently owned and operated concern certified as a small business by the California Department of General Services Office of Small Business and Disabled Veteran Business Enterprise Services (OSDS) or other accepted certifying agency as listed here. https://ucop.edu/sbe-dvbe-certifications Certifying Agency: _____ Certification Number: _____ (Attach documentation of certification to this form)
<input type="checkbox"/> Disabled Veteran Business Enterprise (DVBE) - an independently owned and operated concern certified as a DVBE by the State of California Office of Small Business and Disabled Veteran Business Enterprise Services (OSDS) or other accepted certifying agency as listed here. https://ucop.edu/sbe-dvbe-certifications Certification Type: _____ Certification Number: _____ (Attach documentation of certification to this form)

The below information is being collected post-award for statistical purposes only. Please check all Business category(ies) that apply:

<input type="checkbox"/> Disadvantaged Business Enterprise (DBE) - a business concern that is at least 51% owned by one or more socially and economically disadvantaged individuals or, in the case of any publicly owned business, at least 51% of the stock of which is owned by such individuals and whose management and daily business operations are controlled by one or more of such individuals. Socially disadvantaged individuals are those who have been subjected to racial or ethnic prejudice or cultural bias because of their identity as members of a group without regard to their individual qualities. Economically disadvantaged individuals are those socially disadvantaged individuals whose ability to compete in the free private enterprise system has been impaired due to diminished capital and credit opportunities as compared to others in the same business area who are not socially disadvantaged. Business owners who certify that they are members of named groups (Black Americans, Hispanic Americans, Native Americans, Asian-Pacific Americans, Asian-Indian Americans) are to be considered socially and economically disadvantaged.
<input type="checkbox"/> Women-Owned Business Enterprise (WBE) - a business concern that is at least 51% owned by a woman or women who also control and operate it. "Control" in this context means exercising the power to make policy decisions. "Operate" in this context means being actively involved in the day-to-day management.

I hereby certify under penalty of perjury under the laws of the State of California that I have read this certification and know the contents thereof, and that the business category indicated above reflects the true and correct status of the business. I understand that falsely certifying the status of this business, may result in suspension from participation in University of California business contracts for a period up to five (5) years and the imposition of any civil penalties allowed by law.

INFORMATION FURNISHED BY:

(Print or Type Name of Owner and/or Principal)

(Name of Business or Firm)

a

(Insert type of business e.g. corporation, sole proprietorship, partnership, etc.)

By:

(Print Name)

(Title)

(Signature)

(Date)

REPORT OF SUBCONTRACTOR INFORMATION

Sheet No. ____ of ____

Provide the following information for each contracting party including the Contractor and each Subcontractor regardless of tier.* Attach additional sheets if necessary.

1	2A	2B	3	4	5	6	7		8				
Full Name of Business	Portion of the Work	Dollar Amount	Street Address, City, State & Zip	Telephone No. Fax No.	Contact Name	Type of Ownership	License Info**		Business Categories* (Check <u>all</u> categories that apply)				
							License Classification**	License No.**	SBE*	DBE*	WBE*	DVBE*	N/A
(GC)													
(Sub 1)													
(Sub 2)													
(Sub 3)													
(Sub 4)													
(Sub 5)													
(Sub 6)													
(Sub 7)													
				Column 6 - Type of Ownership				Column 8 - Business Categories					
				SP = Sole Proprietorship P = Partnership C = Corporation JV = Joint Venture O = Other				SBE = Small Business Enterprise DBE = Disadvantaged Business Enterprise WBE = Woman Business Enterprise DVBE = Disable Veteran Business Enterprise					

*Regardless of tier, a completed Self-Certification must be submitted for the General Contractor and each Subcontractor shown on this Exhibit.

**List only those License Classification and Numbers relevant to this project.

CERTIFICATE OF SUBSTANTIAL COMPLETION

Project Name: _____
Project No.: _____
Contractor: _____
Date of Issuance: _____

The Work has been reviewed and the date of Substantial Completion is hereby established as of the date of issuance above.

A Certificate of Occupancy has been issued by the University's Building Official {NAME} on {MONTH} {DAY}, {YEAR}.

A list of items to be completed or corrected is included herein. The failure to include any items on such list does not alter the responsibility of Contractor to complete all of the Work in accordance with the Contract Documents.

In accordance with the Contract Documents, Contractor is notified as follows:

1. Without limitation of Contractor's obligation to fully complete the Work within the Contract Time, Contractor shall complete or correct the Work on the list of items attached hereto within {NUMBER} days from the date of Substantial Completion.
2. University will be responsible for {INSERT "NONE" OR STATE ANY UNIVERSITY RESPONSIBILITIES AFTER SUBSTANTIAL COMPLETION: security, maintenance, utilities (e.g. water, sewer, electrical, gas, etc.)}
3. Contractor shall be responsible for all Contract requirements except items or responsibilities of University set forth in Paragraph 2 above.
4. List of items to be completed or corrected: {INSERT "SEE ATTACHED LIST" OR IDENTIFY ITEMS TO BE COMPLETED/CORRECTED}

UNIVERSITY'S REPRESENTATIVE:

(Name of Firm)

(Signature)

(Type or Printed Name)

(Title)

(Date)

UNIVERSITY: THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

(Signature)

(Type or Printed Name)

(Title)

(Date)

cc: Office of Risk Management

FINAL DISTRIBUTION OF CONTRACT DOLLARS

Provide the following information for each contracting party including the Contractor and each Subcontractor regardless of tier.* Attach additional sheets if necessary.

1	2	3	4	5					6	
Full Name of Business	Street Address, City & Zip	Telephone No./Fax No.	Contact Name	Business Categories					Contract Dollars	
				SBE*	DBE*	WBE*	DVBE*	N/A	Amount (\$)	Percent (%)
(GC)										
(Sub 1)										
(Sub 2)										
(Sub 3)										
(Sub 4)										
(Sub 5)										
(Sub 6)										
(Sub 7)										
Total Contract Amount = \$1,000.00				Column 5 – Business Categories					Subtotals	
				SBE = Small Business Enterprise					\$	
				DBE = Disadvantaged Business Enterprise					\$	
				WBE = Woman Business Enterprise					\$	
				DVBE = Disabled Veteran Business Enterprise					\$	

*Regardless of tier, a completed Self-Certification must be submitted for the General Contractor and each Subcontractor shown on this Exhibit.

**Refer to the Report of Subcontractor Information for license and other information.

GENERAL CONTRACTOR CLAIM CERTIFICATION

Pursuant to Article 4.3.3 of the General Conditions, I certify as follows:

1. The Claim to which this certification is attached is made in good faith.
2. Amounts claimed for costs, expenses and damages incurred by Contractor are accurate and complete. Supporting data for amounts incurred by Contractor is accurate and complete. Any such supporting data, including any such new amounts, submitted after the execution of this certification, will be accurate and complete.
3. To the best of my knowledge and belief, amounts claimed, and supporting data submitted by Contractor on behalf of any and all subcontractors or suppliers, of all tiers, or any person or entity under Contractor, are accurate and complete. Contractor will not submit, after the date of execution of this certification, any such supporting data, including any such new amounts that, to the best of my knowledge and belief, is not accurate and complete.
4. The amount requested accurately reflects the adjustment of the Contract Sum for which the Contractor believes the University is liable.
5. Attached hereto is a certification that has been executed by each Subcontractor claiming not less than 5% of the total monetary amount sought by the claim to which this certification is attached.
6. I am duly authorized to certify the Claim on behalf of the Contractor.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration was executed at: _____,
(Name of City if within a City, otherwise Name of County)

in the State of _____, on _____.
(State) (Date)

(Signature)

(Print Name)

(Name of Contractor)

SUBCONTRACTOR CLAIM CERTIFICATION

Pursuant to Article 4.3.3 of the General Conditions, I certify as follows:

1. The portion of the Claim made on behalf of the Subcontractor to which this certification is attached is made in good faith.
2. Amounts claimed for costs, expenses and damages incurred by the Subcontractor are accurate and complete. Supporting data for amounts incurred by the Subcontractor is accurate and complete. Any such supporting data, including any such new amounts, submitted to Contractor after the execution of this certification, will be accurate and complete.
3. To the best of my knowledge and belief, amounts claimed, and supporting data submitted to Contractor by the Subcontractor on behalf of any and all subcontractors or suppliers to Subcontractor, of all tiers, or any person or entity under Subcontractor, are accurate and complete. Subcontractor will not submit, after the date of execution of this certification, any such supporting data, including any such new amounts that, to the best of my knowledge and belief, is not accurate and complete.
4. The amount requested accurately reflects the amount for which the Subcontractor believes the University is liable to Contractor.
5. I am duly authorized to certify the Claim on behalf of the Subcontractor.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration was executed at: _____,
(Name of City if within a City, otherwise Name of County)

in the State of _____, on _____.
(State) (Date)

(Signature)

(Print Name)

(Name of Subcontractor)

CONDITIONAL WAIVER AND RELEASE UPON FINAL PAYMENT

NOTICE: THIS DOCUMENT WAIVES THE CLAIMANT'S LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS EFFECTIVE ON RECEIPT OF PAYMENT. A PERSON SHOULD NOT RELY ON THIS DOCUMENT UNLESS SATISFIED THAT THE CLAIMANT HAS RECEIVED PAYMENT.

Identifying Information

Name of Claimant: _____
Name of Customer: _____
Job Location: _____
Owner: _____
Through Date: _____

Conditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for labor and service provided, and equipment and material delivered, to the customer on this job. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. This document is effective only on the claimant's receipt of payment from the financial institution on which the following check is drawn:

Maker of Check: _____
Amount of Check: \$ _____
Check Payable to: _____

Exceptions

This document does not affect any of the following: Disputed claims for extras in the amount of: \$ _____

Signature

Claimant's Signature: _____
Claimant's Title: _____
Date of Signature: _____

UNCONDITIONAL WAIVER AND RELEASE UPON FINAL PAYMENT

NOTICE TO CLAIMANT: THIS DOCUMENT WAIVES AND RELEASES LIEN, STOP PAYMENT NOTICE, AND PAYMENT BOND RIGHTS UNCONDITIONALLY AND STATES THAT YOU HAVE BEEN PAID FOR GIVING UP THOSE RIGHTS. THIS DOCUMENT IS ENFORCEABLE AGAINST YOU IF YOU SIGN IT, EVEN IF YOU HAVE NOT BEEN PAID. IF YOU HAVE NOT BEEN PAID, USE A CONDITIONAL WAIVER AND RELEASE FORM.

Identifying Information

Name of Claimant: _____

Name of Customer: _____

Job Location: _____

Owner: _____

Unconditional Waiver and Release

This document waives and releases lien, stop payment notice, and payment bond rights the claimant has for all labor and service provided, and equipment and material delivered, to the customer on this job. Rights based upon labor or service provided, or equipment or material delivered, pursuant to a written change order that has been fully executed by the parties prior to the date that this document is signed by the claimant, are waived and released by this document, unless listed as an Exception below. The claimant has been paid in full.

Exceptions

This document does not affect the following: Disputed claims for extras in the amount of: \$ _____

Signature

Claimant's Signature: _____

Claimant's Title: _____

Date of Signature: _____

**NOTICE OF COMPLETION/FINAL CONSTRUCTION
ACCEPTANCE REQUEST LETTER**
UC DAVIS HEALTH
PROJECT TITLE
PROJECT SUBTITLE
#####

Date

Contractor Name
Address
City, State Zip Code

Project: #####
PROJECT TITLE
CONTRACT TITLE

Subject: **FINAL CONSTRUCTION ACCEPTANCE**

The University's Final Inspection of the subject project was conducted on #####.

The project closeout requirements requested from your firm were received on #####, including all as-built drawings, specifications, and warranty materials and have been accepted. All punch list items have been corrected.

On #####, the subject project was accepted as complete in accordance with the contract documents.

If applicable, the Notice of Completion will be filed within the next fifteen (15) days. Your final Certificate of Payment for Retention will be processed thirty-five (35) days from the date of the Notice of Completion filing.

Yours truly,

Name
Project Manager

cc: Contracts; Capital Finance; Project Manager; Project File
C-####-##

Recording Requested by:
Facilities Design and Construction

When Recorded Mail To:
Facilities Design and Construction
University of California, Davis, Medical Center
4800 2nd Avenue, Suite 3010
Sacramento, CA 95817

**NOTICE OF COMPLETION,
UNIVERSITY OWNS LAND AND IMPROVEMENTS**

NOTICE IS HEREBY GIVEN that on **MM/DD/YYYY**, the Work on the:

Project No. Project # – Project Title, Project Subtitle

Project was completed. The name of the owner is THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereinafter referred to as “The Regents.” The address of the Regents is University of California, Office of the President, 1111 Franklin Street, 6th Floor, Oakland, California 94607. The Regents is the owner in fee simple of the real property known as the University of California, Davis, Medical Center, 2315 Stockton Boulevard, Sacramento, California 95817, and of all the improvements and buildings thereon including the above-mentioned Project. The name of the original Contractor is:

**Company Name.
Address
City, State and Zip Code**

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

By: _____

I, _____, say that I am the Director, Facilities Design and Construction department of the UC Davis Health campus of the University of California, and as such, make this verification on behalf of The Regents, a corporation; and that I have read the above Notice of Completion and know the contents thereof and that the facts stated therein are true. I declare under penalty of perjury that the foregoing is true and correct. Executed on _____, at Sacramento, California.

(Signature)

EXHIBIT 22

KEY PERSONNEL

The following personnel have been committed to the Project by the Contractor for the minimum level of effort and contract phases indicated:

[Contractor to insert list]

The listed individuals have been reviewed by the undersigned on behalf of the named Bidder. Bidder hereby agrees that these individuals will be provided pursuant to the provisions of the contract, if awarded to Bidder, and that such contract will include this exhibit as completed above.

Name and Title

Date

Bidder

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