

UNIVERSITY OF CALIFORNIA, SANTA BARBARA

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SANTA BARBARA • SANTA CRUZ

OFFICE OF DESIGN & CONSTRUCTION SERVICES and PHYSICAL FACILITIES

CONTRACTING SERVICES  
Building 439  
Santa Barbara, California 93106-1030  
Telephone (805) 893-3356  
Fax (805) 893-8592

**SENT VIA:**  FAX ON THIS DATE  
 E-MAIL  
 POSTED ON UCSB PLANROOM AND WEBSITE

HOLDERS OF PLANS AND SPECIFICATIONS:

West Campus Apartments Exterior Renovations-Phase 1  
FM1400025S/986355  
**Addendum No. 2**

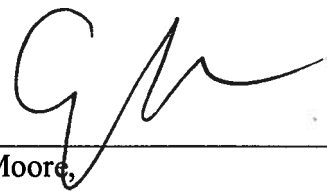
September 22, 2014

Enclosed is **ADDENDUM NO. 2** to the Construction Documents on the above-captioned project.

**The Bid date is Monday, September 29, 2014 at 2:30PM to be held at:**

CONTRACTING SERVICES  
Facilities Management, Bldg. 439,  
Door #E, Reception Counter  
University of California, Santa Barbara  
Santa Barbara, CA 93106-1030.

Late arrivals shall be disqualified. Please allow time for unforeseen traffic delays, securing a parking permit and potential parking problems.

  
\_\_\_\_\_  
Greg Moore,  
Associate Director, Contracting Services

ADDENDUM NO. 2

to the

CONSTRUCTION DOCUMENTS

September 22, 2014

**GENERAL**

The following changes, additions or deletions shall be made to the following document(s) as indicated; all other conditions shall remain the same.

**I. BID FORM**

Item No.

- 1-1. **REPLACE BID FORM** in its entirety with Bid Form (Rev.1), 6 pages attached.

Please note, any Bids not submitted on the attached “Bid Form (Rev.1)” will be rejected by the University as non-responsive.

**II. SPECIFICATIONS**

Item No.

- 2-1. **ADD SECTION 01026 – UNIT PRICES**, 2 pages attached.
- 2-2. **REPLACE SECTION 01560 – TEMPORARY STORMWATER POLLUTION PREVENTION**, in its entirety with the attached Section 01560 – TEMPORARY STORMWATER POLLUTION PREVENTION CONSTRUCTION SITES LESS THAN 1 ACRE, 13 pages attached.

**III. DRAWINGS**

Item No.

- 3-1. **ADD** the following to Title Cover Sheet, CVR:  
Contractor’s Staging Area and Parking Aerial Site Plan Shown (Site Plan N.T.S.), attached 1 page.

- 3-2. **ADD** the following to Title Cover Sheet, CVR:  
Scope of Work on Cover Sheet for Buildings Type “B”, attached 1 page.
- 3-3. **ADD** the following to Overall Existing Site Plan, Sheet 1:  
Partial Site Plan Showing Buildings Type “B” With Stairs Highlighted, attached 1 page.
- 3-4. **ADD** the following to Overall Existing Site Plan, Sheet 1:  
Site Plan Legend, attached 1 page.

END OF ADDENDUM NO. 2

BID FORM (Rev. 1)

REVISED PER ADDENDUM NO. 2

FOR: West Campus Apartments Exterior Renovations - Phase 1

FM140025S/986355

UNIVERSITY OF CALIFORNIA  
SANTA BARBARA  
SANTA BARBARA, CALIFORNIA

August 2014

BID TO: University of California, Santa Barbara  
Facilities Management, Building 439  
Door E, Reception Counter  
Santa Barbara, CA 93106  
(805)893-3298

BID FROM:

\_\_\_\_\_  
(Name of Bidder)

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(City) (State) (Zip)

\_\_\_\_\_  
(Telephone Number)

\_\_\_\_\_  
(Fax Number)

\_\_\_\_\_  
(Email Address)

DATE BID SUBMITTED

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

**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 may 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. 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 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 twelve (212) calendar 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 has been issued for this Bid.

**3.0 NOT USED****4.0 LUMP SUM BASE BID**

\$   ,    ,    .

(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**

The quantities set forth in the unit prices are estimates. University does not represent that the actual quantity of any Unit Price item will equal the Estimated Quantity stated below. University will perform the extension of the Unit Price times the respective Estimated Quantity.

**Unit Price No. 1** for: Furnish and install additional 4 x 8 wood outriggers,  
(Description of Item)  
as specified in Section 06100  
(Specification Section Number)

Estimated Quantity of units: 250 linear feet  
(MULTIPLIER)

\$    ,    .   **per 1 Linear Foot.**  
(Place unit price figures in appropriate boxes)

**Unit Price No. 2** for: Furnish and install additional 4 x 10 wood outriggers,  
(Description of Item)  
as specified in Section 06100  
(Specification Section Number)

Estimated Quantity of units: 250 linear feet  
(MULTIPLIER)

\$    ,    .   **per 1 Linear Foot.**  
(Place unit price figures in appropriate boxes)

**Unit Price No. 3** for: Furnish and install additional 4 x 12 wood outriggers,  
(Description of Item)  
as specified in Section 06100  
(Specification Section Number)

Estimated Quantity of units: 250 linear feet  
(MULTIPLIER)

\$    ,    .   **per 1 Linear Foot.**  
(Place unit price figures in appropriate boxes)

**Unit Price No. 4** for: Furnish and install additional 1 x 8 fascia boards and associated blocking,  
(Description of Item)  
as specified in Section 06100  
(Specification Section Number)

Estimated Quantity of units: 250 linear feet  
(MULTIPLIER)

\$    ,    .   **per 1 Linear Foot.**  
(Place unit price figures in appropriate boxes)

**Unit Price No. 5** for: Furnish and install additional 1 x 10 fascia boards and associated blocking,  
(Description of Item)

as specified in Section 06100  
(Specification Section Number)

Estimated Quantity of units: 250 linear feet  
(MULTIPLIER)

\$    ,    .   **per 1 Linear Foot.**  
(Place unit price figures in appropriate boxes)

**Unit Price No. 6** for: Additional priming and painting of exterior wood per Unit Prices 1 through 5, inclusive, and other additional painting as required,  
(Description of Item)

as specified in Section 09910  
(Specification Section Number)

Estimated Quantity of units: 500 square feet  
(MULTIPLIER)

\$    ,    .   **per 1 Square Foot.**  
(Place unit price figures in appropriate boxes)

**7.0 DAILY RATE OF COMPENSATION FOR COMPENSABLE DELAYS (Used As Basis For Award)**

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:

\$   ,    .   x 10 **MULTIPLIER**  
(Place Amount in Figures in appropriate boxes)

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 (including, without limitation, compensation for all extended home office overhead and extended general conditions), of the Contractor and all subcontractors, suppliers, persons, and entities under or claiming through Contractor on the Project. 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**

In order for a Bid to be responsive, Bidder must submit an additive bid or a "no change" bid, for each Alternate listed below. Bidder shall mark the additive or "no change" box for each Alternate. The failure to quote an amount, unless the bidder marks the "no change" box, will result in the bid being rejected as non-responsive.

The Contract Time will change by the number of days, if any, specified for each accepted Alternate.

Alternate No. 1

Description: Remove and replace all type "C" Building existing exterior stairs (6 total) and stair hand rails (12 hand rails total) as shown on sheets 10-C through 13-C, DET-4 and Specification Section 05510 – Metal Stairs, as specified in Section 01011.

(Alternate Specification Section Number)

Bid for Alternate No. 1

Indicate by marking only **ONE** of the two boxes ("Add" or "No Change") and state the amount, if "Add" or "Deduct" are selected, by placing figures in the corresponding boxes.

Add      \$    ,    .

No Change      Bidder will perform alternate without change to Contract Sum.

No extension of time will be granted if this Alternate is accepted.



**9.0 LIST OF SUBCONTRACTORS**

Bidder will use Subcontractors for the Work:

Yes \_\_\_\_\_

If yes, provide in the spaces below (a) the name and the location of the place of business 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 1/2 of 1 percent 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.

SUBCONTRACTOR			
Portion of the Work (Activity or Trade)	Name	License No.	Location (City)

(Note: Add additional pages if required.)



**11.0 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 \_\_\_\_\_  
\_\_\_\_\_.

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.)

EMPLOYER IDENTIFICATION NUMBER (EIN):

\_\_\_\_\_

**12.0 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, Cashiers Check, or Certified Check)

**13.0 DECLARATION**

I, \_\_\_\_\_, hereby declare that I am  
(Printed Name)

the \_\_\_\_\_ of \_\_\_\_\_  
(Title) (Name of Bidder)

submitting this Bid Form; that I am duly authorized to execute 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 \_\_\_\_\_  
(Date)

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

## SECTION 01026

### UNIT PRICES

#### **PART 1 - GENERAL**

##### 1.01 DESCRIPTION

Unit Price quotations are to be inserted in the appropriate spaces in the Bid Form for each Unit Price item of Work described herein.

Unit Prices stated in the Agreement shall be used to compute adjustments of the Contract Sum for approved unit price items of Work. Such adjustments shall be made by Change Order.

Unit prices shall include all labor, materials, tools, and equipment; all other direct and indirect costs necessary to complete the item of Work and to coordinate the unit price Work with adjacent work; and shall include all overhead and profit. Contractor shall accept compensation computed in accordance with the unit prices as full compensation for furnishing such Work.

Compensation will be paid for those items of Work described below in Article 2.01, List of Unit Price Items and Descriptions.

##### 1.02 SPECIFIED WORK

Applicable Sections of the Specifications describe the materials and methods required under the various Unit Price items of Work.

#### **PART 2 - PRODUCTS**

##### 2.01 LIST OF UNIT PRICE ITEMS AND DESCRIPTIONS

###### Unit Price No. 1:

- A. Furnish and install additional 4 x 8 wood outriggers as specified in Division 6, section 06100.
- B. Unit of Measure: Linear Feet (lf). Estimated Quantity: 250 linear feet.

###### Unit Price No. 2:

- A. Furnish and install additional 4 x 10 wood outriggers as specified in Division 6, section 06100.
- B. Unit of Measure: Linear Feet (lf). Estimated Quantity: 250 linear feet.

###### Unit Price No. 3:

- A. Furnish and install additional 4 x 12 wood outriggers as specified in Division 6, section 06100.
- B. Unit of Measure: Linear Feet (lf). Estimated Quantity: 250 linear feet.

Unit Price No. 4:

- A. Furnish and install additional 1 x 8 fascia boards and associated blocking as specified in Division 6, section 06100.
- B. Unit of Measure: Linear Feet (lf). Estimated Quantity: 250 linear feet.

Unit Price No. 5:

- A. Furnish and install additional 1 x 10 fascia boards and associated blocking as specified in Division 6, section 06100.
- B. Unit of Measure: Linear Feet (lf). Estimated Quantity: 250 linear feet.

Unit Price No. 6:

- A. Additional priming and painting of exterior wood per Unit Prices 1 through 5, inclusive, and other additional painting as required as specified in Division 9, section 09910.
- B. Unit of Measure: Square Feet (sf). Estimated Quantity: 500 Square feet.

**PART 3 - EXECUTION**

3.01 ADVANCED COORDINATION

Immediately notify University's Representative when conditions require the use of Unit Price items of Work.

After performing unit price items of Work as directed by University's Representative, Contractor shall take necessary measurements in the presence of University's Representative and shall submit calculations of quantities to University's Representative for approval. Contractor shall notify University's Representative one (1) day in advance of taking measurements.

3.02 PAYMENT

The applicability of, measurement methods for, documentation of, and the final adjustment of the Contract Sum for Unit Price items of Work shall be determined by University's Representative.

If a change is ordered in an item of work covered by a Unit Price stated in the Agreement, and such change together with all previous changes to that item of work is an increase or decrease greater than 25% of the estimated quantity shown on the plans or included in the Specifications, an adjustment in payment will be made in accordance with the Article 7.3 of the General Conditions.

\* \* \* \* \*

**END OF SECTION 01026**

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**SECTION 01560**

**TEMPORARY STORMWATER POLLUTION PREVENTION**  
**CONSTRUCTION SITES LESS THAN ONE ACRE**

**PART 1 - GENERAL**

1.01 GENERAL

- A. Stormdrains at the University of California Santa Barbara Campus discharge directly to creeks, the Goleta Slough, the Campus Lagoon, and the Pacific Ocean without treatment. Discharge of Pollutants or Contaminants (any substance, material, or waste other than uncontaminated stormwater) from this Project into the stormdrain system is strictly prohibited by the State Water Resources Control Board (SWRCB) and the Central Coast Regional Water Quality Control Board (RWQCB).
- B. The Contractor is responsible for stormwater quality within the Project site (which includes the staging area, material storage, waste management areas, construction areas, on-site parking, site entrances and exists, and anywhere Project construction disturbs soil) and the quality of stormwater leaving the Project site.
- C. The Contractor is required to prevent erosion of disturbed areas during construction and ensure pollutants, including sediment, do not leave the Project site, either water-borne, air-borne, on the tires of vehicles, or by spillage from offsite hauling of soils.
- D. The Contractor is responsible for properly managing all construction debris, solid and construction waste materials including litter, liquid waste including fluids from vehicles, construction materials, hazardous materials and waste, and sanitary and septic waste.
- E. The requirements in this section are intended to be implemented on a year-round basis, not just during the part of year when there is a high probability of a rain event which results in stormwater runoff. The requirements and practices discussed in this Section should be implemented at the appropriate level and in a proactive manner during all seasons while construction is ongoing.
- F. The following terms and their definitions will be used throughout this Section.
  - 1. Best Management Practices (BMPs) – The term BMP is used to describe the controls and activities used to prevent stormwater pollution.
  - 2. BMP Site Map – A map typically 11"x17" including, but not limited to, the following: entire construction site, site perimeter, adjacent roadways, all existing and proposed stormdrains on and near the site, site entrances/exits, building footprint, construction trailer, topography including slope, all current BMPs, NOI, and the location of the Questionnaire or Stormwater Pollution Prevention Plan (SWPPP).
  - 3. Contaminants or Pollutants – Any substance, material, or waste other than uncontaminated stormwater, including, but not limited to materials such as acids, adhesives, asphalts, concrete compounds, curing compounds, detergents, fertilizers, glues, lime, paints, pesticides and herbicides, petroleum products, plaster, roofing tar, solvents, wood preservatives, soil and any materials that may be detrimental if released to the environment.

4. Contractor – The term "Contractor" refers to the person or firm responsible for performing the work and is identified as such in the Agreement. The Contractor may use subcontractors, and the subcontractors may use sub-subcontractors to perform parts of the work. However, the Agreement is between the University and the Contractor, and the Contractor alone is responsible for completing the Project.
5. Final Stabilization – Final stabilization is achieved when all construction activities are complete, all disturbed soil areas have been properly stabilized, all stormwater regulations have been achieved, and a uniform vegetative cover with 70 percent coverage has been established.
6. General Permit - National Pollutant Discharge Elimination System (NPDES) General Permit For Storm Water Discharges Associated with Construction Activity Water Quality Order 00-08-DWQ, Waste Discharge Requirements Order No. 99-08 DWQ (National Pollution Discharge Elimination System (NPDES) Permit No. CAS000002), Resolution No. 2001-046, Modification of Water Quality Order 99-08, State Water Resources Control Board, and any amendments or revisions of these permits or orders.
7. Hazardous Materials – Materials such as paints, solvents, petroleum products, pesticides, wood preservatives, treated wood, acids, roofing tar, batteries, Fluorescent lights, light ballasts, etc.
8. Maximum Extent Practicable (MEP) – Less-effective treatment or activities may not be substituted when it is practicable to provide more effective treatment or activities.
9. Notice of Intent (NOI) – Document that must be submitted to the State of California to obtain coverage under the General Permit and be permitted to develop property one acre or larger.
10. Notice of Termination (NOT) – Document that must be submitted to the State of California once the Project is complete and has achieved Final Stabilization, which certifies that all State and local requirements have been met in accordance with Special Provisions for Construction Activity, C.7, of the General Permit.
11. Post-Construction BMPs – Permanent features designed to minimize pollutant discharges, including sediment, from the site after construction has been completed. These features; such as bioswales, rain gardens, roof drains connected to landscaping, permeable pavement, etc.; will be installed and maintained by the Contractor during the construction of the Project until the Project has achieved Final Stabilization.
12. Project or Project site – All areas including the staging area, material storage, waste management areas, construction areas, on-site parking, site entrances and exits, and anywhere Project construction disturbs soil.
13. Questionnaire - UCSB Construction Stormwater Quality Questionnaire for Site Less than 1 Acre.
14. Storm drain System - Stormwater conduits, stormdrain inlets and other stormdrain structures, street gutters, channels, watercourses, creeks, the Goleta Slough, the Campus Lagoon, and the Pacific Ocean.



15. Stormwater Pollution Prevention Plan (SWPPP) Sites greater than or equal to one acre – A living document that is site specific and created by the Contractor that specifies Best Management Practices that will prevent construction pollutants from contacting stormwater and with the intent of keeping all products of erosion from moving off site into receiving waters. The SWPPP will be written to comply with all requirements of the State Water Resources Control Board (SWRCB) National Pollution Discharge Elimination System (NPDES) General Permit for Construction Stormwater Discharges (General Permit), and will be modified throughout the life of the Project, as needed, to maintain compliance with the General Permit.

## 1.02 RELATED SECTIONS

- A. Section 01010, "Summary of Work".

## 1.03 GENERAL CONTRACTOR SCOPE

- A. Provide all material, labor, and equipment, for installation, implementation, and maintenance of all stormwater quality control measures. This work includes the following:
  1. Complying with applicable standards and regulations per Paragraph 1.04 REGULATIONS AND STANDARDS.
  2. Furnishing, placing, and installing effective measures for preventing erosion and runoff of soil, silts, gravel, hazardous chemicals, all construction materials including wastes, or other materials prohibited by the Central Coast RWQCB from leaving the site and/or entering the stormwater drainage system.
  3. Management of onsite construction materials and waste in such a manner as to prevent said materials and waste from contacting stormwater or wash water and running off site and/or into the stormdrain system.
- B. Contractor shall have stormdrain pollution prevention measures in place and follow this Specification at all times. It is the responsibility of the Contractor to be prepared for a rain event, and to be aware of weather predictions. The University is not responsible for informing the Contractor of rain predictions.
- C. Contractor shall not allow any unauthorized non-stormwater to enter the stormdrain system or leave the construction site. Non-stormwater includes domestic supply water used onsite to wash painting and drywall equipment, tools, equipment, or vehicles.
- D. Sanitary sewer discharge regulations are intended to provide protection of the sanitary sewer system and Goleta Sanitary District (GSD) and Goleta West Sanitary District's (GWSD) wastewater treatment plants. In this Section, "sanitary sewer" shall include any sanitary sewer manhole, clean-out, side sewer or other connection to the GSD and GWSD wastewater treatment plants.
- E. Sanitary sewer blockage will likely result in a back-up and overflow to the stormdrain system. The Contractor shall immediately notify the University's Representative if there is a clogged sanitary sewer.

#### 1.04 REGULATIONS AND STANDARDS

- A. Contractor shall comply with the following applicable regulations:
1. Clean Water Act, United States Environmental Protection Agency.
  2. The Porter-Cologne Clean Water Act, State of California.
  3. Central Coast Basin (Region 3) Water Quality Control Plan (Basin Plan).
  4. National Pollutant Discharge Elimination System (NPDES) General Permit For Storm Water Discharges Associated with Construction Activity (General Permit) Water Quality Order 00-08-DWQ, Waste Discharge Requirements Order No. 99-08 DWQ (National Pollution Discharge Elimination System (NPDES) Permit No. CAS000002), Resolution No. 2001-046, Modification of Water Quality Order 99-08, State Water Resources Control Board, and any amendments or revisions of these permits or orders. These orders are referred to as the General Permit.
- B. Contractor shall comply with the following standards and guidelines on stormwater pollution prevention:
1. University of California, Santa Barbara BMP Handbook.
  2. California Stormwater Quality Association Handbooks – Construction, Municipal, Industrial and Commercial, and New Development and Redevelopment. These documents can be viewed and downloaded from the UCSB Environmental Health & Safety website, or at <http://www.cabmphandbooks.com/>.
  3. Caltrans Storm Water Quality Handbooks - This document can be viewed and downloaded from the UCSB Environmental Health & Safety website, or at <http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>.

#### 1.05 SUBMITTALS

- A. When the entire construction Project, including the staging area, material storage, waste management areas, construction areas, onsite parking, site entrances and exists, and anywhere Project construction disturbs soil, is less than 1 acre and is not part of a common plan of development, the Contractor shall comply with UCSB Construction Stormwater Quality Questionnaire for Site Less than 1 Acre (Questionnaire) which is available as Information available to bidders.
1. Submit the Questionnaire to the University's Representative for review 14 calendar days prior to scheduled implementation. At the completion of the review, a meeting will be conducted by the University's Representative and the Contractor to discuss and agree upon the implementation of the Questionnaire.
  2. No work shall begin until the Questionnaire has been approved by the University's Representative and the Questionnaire has been implemented.
  3. The Contractor shall bear all cost of design, installation, and maintenance of all stormwater quality control measures.

4. The Contractor shall submit written reports of inspections and maintenance. Submit all completed inspection sheets from the previous week, to the University's Representative on the first day of each week. Written reports include:
  - a. Pre-rain event inspections.
  - b. Post-rain event inspections.
  - c. Weekly inspections.
  - d. Maintenance inspections.

#### 1.06 Environmental Enforcement

The SWRCB and the RWQCB have the authority to enforce, through codified regulations, any portions of this Section that if not implemented may violate applicable regulations. Agency enforcement may include but is not limited to: citations, orders to abate, bills for cleanup costs and administration, civil suits, and/or criminal charges. Regulating agencies will cite UCSB for all violations which will be the Contractor's responsibility to correct, pay any fines issued, and remedy all violations as needed. The University's Representative may stop all construction activities as deemed necessary until such violations are remedied.

### PART 2 - PRODUCTS

#### 2.01 GENERAL

- A. Provide products and materials as indicated in the Questionnaire/SWPPP, including Activity and Best Management Practice sheets and Drawings.
- B. Where product or material requirements are not specified in the Questionnaire/SWPPP, comply with other applicable sections of the Specifications and obtain approval of the University's Representative.

### PART 3 - EXECUTION

#### 3.01 GENERAL

- A. The Contractor will write and implement the Questionnaire/SWPPP and include a BMP Site Map and written description of pollution prevention methods. The intent of this requirement is to ensure Contractor compliance with applicable regulations for the discharge of stormwater from the Project. The Contractor will choose the best available performance-based technology and methods to prevent stormwater pollution from construction activities to the Maximum Extent Practicable (MEP). The method(s) chosen shall be appropriate for each specific site condition.
- B. The Contractor will implement the Questionnaire/SWPPP once it has been reviewed and approved by the University's Representative. Construction activities including clearing and grading will not begin until the Questionnaire/SWPPP has been implemented.
- C. The University's Representative and the Contractor will meet to discuss and agree upon implementation of the Questionnaire/SWPPP.

- D. The Contractor is required to maintain a standby crew for emergency work at all times during the rainy season, October 1 through May 1. Necessary materials shall be available on the Project site and stockpiled at convenient locations to facilitate rapid construction of temporary devices or to repair any damaged stormwater quality control measures when rain is imminent.

### 3.02 IMPLEMENTATION

#### A. Stormwater Quality Control Measures

Comply with all requirements and stormwater quality control measures of the Questionnaire/SWPPP including, but not limited to, the following approved BMPs referenced in the UCSB BMP Handbook. This list is not all inclusive and the Contractor should refer to the resources listed in Paragraph 1.04 REGULATIONS AND STANDARDS of this Section for additional information. The Contractor will consult the University's Representative before implementing a BMP that is not included in the UCSB BMP Handbook. The Contractor is required to, at a minimum, implement the following applicable BMPs. The Contractor may implement equivalent BMPs as long as the University's Representative approves. The Contractor is required to include BMP specification sheets for all BMPs that are not currently listed in the UCSB BMP Handbook.

##### 1. Best Management Practices

###### a. Erosion Control (EC)

Provide a description of erosion control measures, including a time schedule, to be implemented during construction to minimize erosion on disturbed areas of the Project site, and identify the controls on the BMP Site Map. Areas requiring erosion control measures are exposed soil, such as soil piles, bare soil, sloped soil, and any area of disturbed soil. All inactive soil disturbed areas on the Project site and some active areas that are not experiencing high traffic, including relatively flat areas, must be protected from erosion. Both erosion and sediment control practices are designed to be implemented as an integrated system of pollution control. Without erosion controls, sediment controls are easily overwhelmed and will not prevent pollution. Preserve existing vegetation where feasible, limit disturbance of existing vegetation, and stabilize and revegetate disturbed areas as soon as possible after grading or construction. Stabilize exposed soil to the Maximum Extent Practicable (MEP) throughout the duration of the Project.

1. The Contractor is required to implement the following applicable BMPs, or equivalent BMPs with the approval of the University's Representative:

EC – 1 Scheduling of Activities

EC – 2 Preserving Existing Vegetation

EC – 3 Temporary Soil Stabilization: Erosion Control Blanket

###### b. Temporary Sediment Control (TSC)

Provide a description of temporary sediment control measures that will be used on the Project site, and identify the controls on the BMP Site Map. Temporary sediment control measures generally involve intercepting sediment laden runoff, slow the flow of stormwater, and cause suspended

sediment particles to drop out of suspension to ensure contaminants do not leave the Project site and enter the waters of the United States. An example of temporary sediment control measures include stormdrain inlet protection and site perimeter controls. Do not use sand bags near the Project site perimeter or near stormdrain inlets. Install sediment control BMPs at appropriate locations along the site perimeter and at all operational inlets to the stormdrain system. All new and existing roadways, curbs, and gutters must be protected from sediment-laden runoff, are considered as perimeters of the site, and will need perimeter controls installed. Sediment control BMPs should be installed and maintained according to specifications. Ensure that adequate erosion control, sediment control, and soil stabilization BMPs are available onsite throughout the life of the Project.

1. The Contractor is required to implement, at a minimum, at least one of the following applicable perimeter control BMPs, or equivalent BMPs with the approval of the University's Representative:
  - TSC – 1 Cut Back Curb (Perimeter Control)
  - TSC – 2 Fiber Roll (Perimeter Control)
  - TSC – 3 Gravel Bag Berm (Perimeter Control)
2. The Contractor is required to implement the following applicable BMPs, or equivalent BMPs with the approval of the University's Representative:
  - TSC – 4 Stormdrain Inlet Protection (Secondary Control)
  - TSC – 5 Slope BMP: Fiber Roll or Gravel Bag

c. Tracking Control (TC)

All new and existing roadways, curbs, and gutters must be protected from sediment-laden runoff, are considered as perimeters of the site, and will need to be swept and vacuumed daily to ensure sediment and pollutants from construction activities are not leaving the site and potentially entering the stormdrain system. Identify and clearly mark one or two locations where vehicles will enter and exit the construction site and focus stabilizing measures at these locations. Install and maintain a stabilized entrance at all Project site entrances and exits to prevent tracking of mud and sediment off site. Vacuum and sweep sidewalks, roadways, site entrance/exit, curb, and gutter daily. Do not use kick brooms or sweeper attachments. Dispose of sweeper waste at an approved disposal facility. If construction parking is permitted on the Project site, then the area needs to be properly maintained and free of tracking and trash.

1. The Contractor is required to implement the following applicable BMPs, or equivalent BMPs with the approval of the University's Representative:
  - TC – 1 Stabilized Construction Entrance: Rumble Strips
  - TC – 2 Sweeping and Vacuuming

d. Wind Erosion Control (WEC)

Contractor shall use best available dust suppression equipment and methods to control dust so that the dust does not cause discomfort or nuisance to occupants of the Project site neighboring property.

Contractor shall control dust suppression water so that it is effective in controlling dust, but does not leave the Project site or enter the stormdrain system. Contractor shall describe their dust suppression water management methods in the Questionnaire/SWPPP

1. The Contractor is required to implement the following applicable BMP, or equivalent BMPs with the approval of the University's Representative:

WEC – 1 Dust Control

e. Non-Stormwater Management (NSM)

Non-stormwater discharges include a wide variety of sources, including improper dumping, spills, or leakage from storage tanks or transfer areas. Eliminate all unauthorized non-stormwater discharges to the Maximum Extent Practicable. Assign a qualified person the responsibility for ensuring that no materials other than stormwater, free of all contaminants, are discharged. Include the name, contact information, and qualifications of said person in the Questionnaire/SWPPP.

All workers on the Project site must be adequately trained on non-stormwater management procedures and be in compliance with procedures such as the following at all times:

- Washing in designated, contained areas only.
- Eliminating discharges to the stormdrain system by infiltrating the wash water on site.
- All washing activities must be approved by the University's Representative if there is a potential to discharge to the stormdrain system or for discharge to leave the Project site.
- Do not wash paved areas.
- Route water line flushing and water from water line repair to landscaped areas.
- Avoid dewatering discharges by using water for dust control or allow to infiltrate onsite.
- Unauthorized non-stormwater cannot be discharged without obtaining a permit from the Central Coast RWQCB.
- Send vehicles/equipment offsite to be cleaned, fuelled, and repaired as much as possible. If it cannot be avoided, the Contractor is required to follow the practices described in NSM-3 Vehicle and Equipment Practices.
- Inspect the site regularly for evidence of illicit connections, illegal dumping, or discharges.
- Discharges of stormwater and non-stormwater exposed to concrete during curing and finishing may have a high pH and may contain chemicals, metals, and fines. Properly maintain all chemicals and wastes related to concrete curing and finishing as outlined in NSM-5 Concrete Curing and NSM-6 Concrete Finishing.
- Prevent the discharge of pollutants from paving operations by following the practices described in NSM-7 Paving and Grinding Operations.

- Minimize use of hazardous materials onsite. Store and dispose of all materials properly. Do not allow hazardous materials to come in contact with stormwater which could run off site and pollute the stormdrain system.
- 1. The Contractor is required to implement the following applicable BMPs, or equivalent BMPs with the approval of the University's Representative:
  - NSM – 1 Water Conservation
  - NSM – 2 Dewatering Operations
  - NSM – 3 Vehicle and Equipment Practices
  - NSM – 4 Illicit Connection/Illegal Discharge Detection
  - NSM – 5 Concrete Curing
  - NSM – 6 Concrete Finishing
  - NSM – 7 Paving and Grinding
  - NSM – 8 Potable Water/Irrigation
  - NSM – 9 Material Use
- f. Waste Management (WM)

The Contractor is required to prevent the discharge of pollutants to stormwater from solid or liquid wastes that will be generated at the Project site. Dumpsters or disposal containers of sufficient size, number, complete with no holes or damage where waste could leak out, are watertight, and have proper covering will be provided and properly maintained by the Contractor. Littering on the Project site is prohibited. If necessary, the Contractor may provide and maintain trash receptacles at locations where workers congregate for lunch and breaks, as long as the trash receptacles have no holes or breaks where waste could leak out, are watertight, are properly covered, and are properly maintained. Construction debris and litter from work areas within the construction limits of the Project site shall be collected and placed in watertight dumpster at the end of every work day. Provide convenient, well-maintained, and properly located toilet facilities. All workers on the Project site must be adequately trained on proper material use, storage, and waste disposal. The Contractor is required to implement a comprehensive set of waste-management practices for hazardous or toxic materials including storage, handling, inventory, and clean-up procedures.

All workers on the Project site must be adequately trained on waste management procedures and be in compliance with procedures such as the following at all times:

- Temporary material storage should be covered, have secondary containment, and be located away from vehicular traffic, the Project perimeter, and stormdrains.
- The Contractor shall provide and properly maintain an adequate number of watertight, crack free, covered containers for all trash and waste related to the construction Project. Collect construction trash daily throughout the Project and from around the perimeter of the site.

- Store dry and wet concrete materials under cover, in secondary containment, away from drainage areas and the Project perimeter. Concrete washout is only permitted in a designated and properly maintained concrete washout bin. Concrete is not allowed to be dumped or spilled anywhere onsite except in the concrete washout bin.
  - Temporary sanitary facilities should be located away from watercourses, stormdrain inlets, the Project site perimeter, and traffic circulation. If there is a risk of tipping over or being blown over, the temporary sanitary facility should be secured by stakes or ties to prevent overturning. Wastewater should never be discharged or buried within or anywhere around the Project site.
  - Locate stockpiles on a permeable surface a minimum of 50 feet away from concentrated flows of stormwater, stormdrain inlets, and the Project site perimeter. Do not place stockpiles on an impermeable surface. Completely cover all stockpiles with a tarp or some type of cover; anchor the cover to ensure the stockpile is completely covered at all times.
  - Spills of oil, petroleum products, substances listed under 40 CFR Parts 11, 117, and 302, and sanitary wastes should be contained and cleaned up immediately. Practice spill prevention procedures at all times including proper material handling and storage. Provide stockpiles of cleanup materials at key locations throughout the Project site.
1. The Contractor is required to implement the following applicable BMPs, or equivalent BMPs with the approval of the University's Representative:
    - WM – 1 Material Delivery and Storage
    - WM – 2 Trash Containment
    - WM – 3 Temporary Concrete Washout and Waste Management
    - WM – 4 Sanitary Waste Management
    - WM – 5 Stockpile Management
    - WM – 6 Spill Prevention and Control
    - WM – 7 Hazardous Waste Management
    - WM – 8 Contaminated Soil Management

#### B. Monitoring and Maintenance

Throughout the life of the Project and especially during the rainy season, all protective devices shall be in place at the end of each working day including those protective devices removed during the day's activities. Please note: no protective devices shall be removed during a rain event.

1. Do not move or modify stormwater quality control devices without the approval of the University's Representative.
2. All removable protective devices indicated on the Questionnaire/SWPPP shall be in place at the end of each day and especially any time rain is predicted in the Santa Barbara area.



3. After a rain event, manage and repair all stormwater quality control devices to ensure they are in good working condition. Equipment, materials, and workers must be available for rapid response to failures and emergencies. All corrective maintenance to BMPs shall be performed as soon as possible, depending upon worker safety.
- C. Water Main and Sanitary Sewer Line Break Contingency Plan
- If working on or near a water main line or sanitary sewer line, the Contractor shall have a written emergency response plan that states procedures for responding to a break and release of supply water or waste water to the stormdrain system. The Contractor shall meet the following requirements:
1. Water Main Work
    - a. Determine the direction of water flow if the main were to break.
    - b. Divert water from entering the storm drain system and contain when possible.
    - c. If there is a water main break, pump the water that is collected or diverted to a sanitary sewer, based on the approval of the University Representative.
    - d. Put in place, before digging, sediment control structures upstream of drain inlets and at drain inlets.
    - e. If a break occurs contact the University's Representative or inspector of record immediately. Include in the Plan the phone number of the University's Representative.
  2. Sanitary Sewer Line Work
    - a. Determine where the sewage will flow if the work could cause a blockage.
    - b. Contain any sewage spill from entering the storm drain system.
    - c. If a sewage blockage occurs, pump it to a sanitary sewer, and do not allow it to flow into the stormdrain system.
    - d. If a sewage blockage or spill occurs contact the University's Representative or inspector of record immediately. Include in the Plan the phone number of the University's Representative contact.
  3. Excavation Work

This Paragraph applies to Contractors that excavate in the vicinity of sanitary sewer lines and cause or discover a sewage spill, leak or blockage.

    - a. Immediately notify the University's Representative. Include in the Plan the phone number of the University's Representative.
- D. Good Housekeeping Practices
- The Contractor shall implement the following applicable good housekeeping practices:
1. Store materials that have the potential to be transported to the stormdrain system by stormwater runoff or spillage away from areas of heavy traffic and under cover in a contained area or in sealed waterproof containers.
  2. Use tarps on the ground to collect fallen debris or splatters that could contribute to stormwater pollution.
  3. Secure opened bags of powdered materials (if any) that could contribute to stormwater pollution and visible dust emissions.

4. Pick up litter, construction debris, and other waste generated by Project activities daily from the Project site and adjacent areas, including the sidewalk area, gutter, street pavement, and stormdrains impacted by the Project. All wastes shall be stored in watertight covered containers, disposed of, or recycled immediately.
  5. Clean sidewalks, driveways, or other paved areas within and around the construction site to eliminate or prevent mud-tracking conditions. Dispose of sweepings in a place that will not pollute the stormdrain system. If wash-water is used in the interior of the site ensure it does not leave the site perimeter or enter a stormdrain inlet. The discharge of wash-water to the stormdrain system is prohibited.
  6. Inspect vehicles and equipment arriving on-site for leaking fluids, and promptly repair leaking vehicles and equipment. Use drip pans to catch leaks until repairs are made.
  7. Avoid spills by handling materials carefully. Keep a stockpile of appropriate spill clean-up materials, such as rags or absorbent materials, readily accessible on site. Clean up all spills of materials brought on site for Project activities.
  8. Train employees regularly on good housekeeping practices and procedures. Assign responsibility to specific employees for inspecting good housekeeping and responding to spills.
- E. Post-Construction Stormwater Run-Off Control Measures
1. All permanent structural and nonstructural control measures that are planned for the Project to control pollutants in stormwater discharges after construction is completed shall be delineated on a post-construction BMP Site Map. Post-construction BMPs include, but are not limited to:
    - a. Minimization of land disturbance.
    - b. Minimization of impervious surfaces.
    - c. Treatment of stormwater run-off using infiltration.
    - d. Water detention/retention, bioswales, or rain gardens.
    - e. Bio-filter BMPs.
    - f. Efficient irrigation systems.
    - g. Ensuring that interior building drains and trash enclosures are tied to the sanitary sewer system, and not the stormdrain system.
    - h. Appropriately designed and constructed energy dissipation devices.
    - i. Ensuring that roof drains are directed to rain gardens or landscaped areas, not the stormdrain system.
    - j. Use permeable pavement and permeable surfaces where possible.
  2. Post construction BMPs must be consistent with all University's and local post-construction stormwater management requirements, policies, and guidelines.
  3. Contractor shall refer to construction drawings for post-construction BMPs and include them in the SWPPP and on the post-construction BMP Site Map.
- F. Personnel Training

1. The Contractor shall train its employees working on the site on the requirements contained in this Section. Training should be both formal and informal, occur on an ongoing basis when it is appropriate and convenient, and should include training/workshops offered by the SWRCB, RWQCB, and other locally recognized agencies or professional organizations.
2. The Contractor shall document this training in writing. The University's Representative for the site will request to see the training materials and records at the onset of work. All training records will be included in the SWPPP.
3. The Contractor shall inform all subcontractors (if any) of the water pollution prevention requirements contained in this specification and include appropriate subcontract provisions to ensure that these requirements are met.

### 3.03 Final Stabilization

- A. All disturbed areas of the construction site must be stabilized before the Project is deemed complete. Final Stabilization for the purposes of submitting a NOT is satisfied when all disturbing soil activities are completed, all construction materials and waste have been disposed of properly, the site is in compliance with all stormwater regulations, and a uniform vegetative cover with 70 percent coverage has been established.
- B. When construction is complete, the Project site has achieved Final Stabilization, all construction materials and waste have been disposed of properly, the site is in compliance with all stormwater regulations, and the Project is deemed complete by the University's Representative, submit the completed Notice of Termination (NOT) form to the University's Representative. The NOT will be signed by the University's Representative.
- C. When construction is complete, the Project site has achieved Final Stabilization, all construction materials and waste have been disposed of properly, the site is in compliance with all stormwater regulations, and the Project is deemed complete by the University's Representative, submit the completed SWPPP with all necessary documents including but not limited to inspections, annual certifications, SWPPP amendments, training certificates, schedules, qualifications, BMP Site Maps, NOI, and NOT to the University's Representative.
- D. When construction is complete, the Project site has achieved Final Stabilization, all construction materials and waste have been disposed of properly, the site is in compliance with all stormwater regulations, and the Project is deemed complete by the University's Representative, if the stormwater protections are no longer required and upon obtaining approval from the University's Representative and the University's Representative, remove the protections and restore the site or structure to the required condition.

**END OF SECTION 01560**



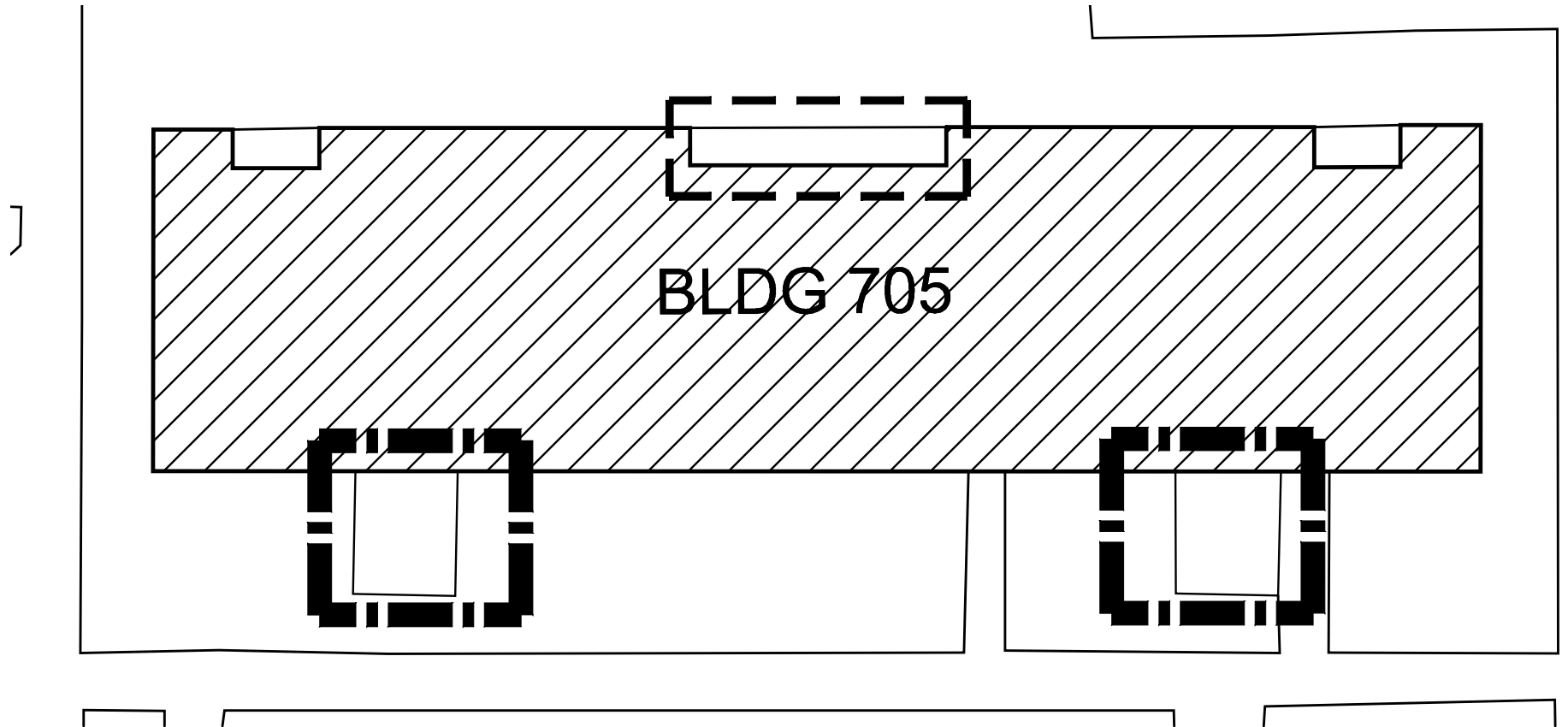
**CONTRACTOR'S  
STAGING AREA  
AND PARKING**

## BUILDING TYPE B:

1. REMOVE EXISTING STAIR WELLS ENCLOSURES.
2. ADD NEW COMPOSITE TOP RAIL TO EXISTING STAIR METAL "SWITCHBACK" GUARDRAILS.
3. ADD NEW METAL BALUSTERS TO EXISTING STAIR METAL "SWITCHBACK" GUARDRAILS.
4. ADD NEW WOOD GUARD RAILS AT EXISTING STAIR INTERMEDIATE LANDING AND STAIRS, PAINT TO MATCH.
5. ADD NEW P.T.D.F RISER TO EXISTING STAIRS AND PAINT TO MATCH.
6. PAINT ALL UNDER STAIR EXPOSED METAL TO MATCH.
7. ADD NEW P.T.D.F WOOD CAP AND FASCIA BOARD O/ EXISTING CONCRETE CURB AND PAINT TO MATCH.
8. REPAIR UPPER WALK WAY DECK SURFACING AS NEEDED AFTER STAIR WELL REMOVAL.
9. REMOVE EXISTING UPPER UNITS REAR BALCONIES WOOD GUARD RAILS AND REPLACE WITH NEW FASCIA MOUNTED METAL GUARD RAILS AND PAINT TO MATCH.
10. REPAIR UPPER REAR BALCONIES DECK SURFACING AS NEEDED AFTER GUARD RAIL REMOVAL.
11. REMOVE FRONT HALF OF ROOF WOOD OUTRIGGERS AND REPLACE WITH NEW WOOD BEAM AND PAINT TO MATCH.
12. ADD NEW METAL FLASHING TO ROOF OUTRIGGERS. ADD METAL "BRACKET" SUPPORT TO UNDERSIDE OF OUTRIGGERS AND PAINT TO MATCH.
13. ADD NEW METAL FLASHING TO ROOF AND PAINT TO MATCH.
14. REPAIR AND/OR REPLACE ROOF GABLE FASCIA BOARDS AS NEEDED PAINT TO MATCH.
15. REMOVAL OF HAZARDOUS MATERIALS AND DEBRIS AS REQUIRED TO PERFORM THE ITEMS IN THE SCOPE OF WORK. (HAZARDOUS MATERIALS REPORT AVAILABLE UPON REQUEST AT THE UNIVERSITY OF CALIFORNIA IN SANTA BARBARA)

NOTE: STAIRS ON BUILDING #708 NOT INCLUDED

15 BUILDINGS TYPE "B" TOTAL, ONLY 14 BUILDINGS STAIRS TO BE MODIFIED



## LEGEND:



INDICATES BALCONIES TO BE REMOVED &  
REPLACED PER PLAN: 30 TOTAL.

ALL OTHER BALCONIES & WALKWAYS NOT IN  
CONTRACT



BUILDING TYPE "B" STAIRS  
(STAIRS AT BUILDING #708 N.I.C.-ONLY 14  
BUILDINGS TYPE "B" STAIRS TO BE MODIFIED)



BUILDING TYPE "C" STAIRS  
( BUILDING ALTERNATE No. 1 )