ADDENDUM NO. 2

To the

CONTRACT DOCUMENTS

August 16, 2012

I. Bidder acknowledges that it is the Bidder’s responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda. Bidder therefore agrees to be bound by all Addenda that have been issued for this bid.

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents. The following changes, additions, or deletions have been made to the following documents as indicated and all other Contract Documents shall remain the same.

II. BIDDING/CONTRACT DOCUMENTS AND DIVISION 1 SPECIFICATIONS – VOLUME 1
   A. Updated Exhibit 12 Summary of Builders Risk

III. CLARIFICATIONS

   A. PRE-BID QUESTIONS – Questions received from bidders and responses are as follows:

      1. Q: The Builders Risk Policy that is indicated in exhibit 12 expired in 2008. Please clarify the policy and provide a current coverage summary.

         A: An updated Exhibit 12 Summary of Builders Risk is included in this Addenda.

      2. Q: At the pre-bid job walk it was indicated that excess soil can be placed in the area adjacent to the new corporation yard. Please confirm that excess soil can be left on site at this location.

         A: Excess soils are to be placed on campus within one mile as directed. Soil to have max 92% compaction and optimum moisture.

      3. Q: Refer to Drawing E-061. If the Phase 4 contractor is to provide MV cable, please provide the size and quantity. Also, provide a drawing showing the location of the existing vacuum interrupter switch.

         A: Phase 4 project contractor is not providing the cable. Cable to be provided by others
4. Q: Refer to Drawing E-061. Please provide a drawing showing the routing of the four new 5” conduits and the location of the existing stubouts.

    A: Drawing E-161 shows the extent and the termination points of the four new 5” conduits.

IV. CHANGES TO BIDDING DOCUMENTS

A. BIDDING / CONTRACT DOCUMENTS AND DIVISION 1 SPECIFICATIONS – VOLUME 1 OF 2 – NO CHANGE

B. DIVISION 2 – 33 - VOLUME 2 OF 2

1. Table of Contents – Changes identified as (Addendum. 2)

2. Specification Section 07 2100 Thermal Insulation: ADD entire section new specification section attached to this Addendum.

3. Specification Section 08 11 13 Hollow Metal Doors & Frames: ADD entire section new specification section attached to this Addendum.

VI. DRAWINGS

A. DRAWING SHEET REVISIONS –

   Replace the following sheets with the drawings attached to this Addenda.

1. C-104, CORP YARD UTILITIES PLAN
2. C-105, CORP YARD ELECTRICAL PLAN
3. C-107, RANCHERS ROAD TOPOGRAPHY AND DEMOLITION PLAN
4. C-109, RANCHERS ROAD GRADING PLAN
5. C-201, RANCHERS ROAD UTILITIES PLAN AND PROFILE STA.: 32+03.36 – 37+00.00
6. C-202, RANCHERS ROAD UTILITIES PLAN AND PROFILE STA.: 37+00.00 – 42+00.00
7. C-204, SHAVER LAKE RD UTILITIES PLAN AND PROFILE STA.: 10+00.00 – 14+26.01
8. C-401, CORP YARD EROSION AND SEDIMENT CONTROL PLAN
9. C-405, EROSION AND SEDIMENT CONTROL DETAILS
10. C-503, CONSTRUCTION DETAILS
11. L-802, ADD ALT 4
12. A-141, TELECOMMUNICATION BUILDING UPGRADES – UPS ENCLOSURE ARCH PLANS
13. A-541, TELECOM BUILDING UPGRADES UPS ENCLOSURE DETAILS
14. E-132, COOLING TOWER WATER TREATMENT SYSTEM ELECTRICAL PLAN 2
15. E-161, COOLING WATER AND HEATING WATER, ELECTRICAL UNDERGROUND EXTENSION ELECTRICAL PLAN
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17. M-132, CENTRAL PLANT UPPER LEVEL AREA B MECHANICAL PLAN
18. M-141, TELECOMMUNICATION BUILDING UPGRADES – MECHANICAL PLAN
19. M-151, PUMP HOUSE MECHANICAL PLAN
20. M-152, PUMP HOUSE MECHANICAL ELEVATIONS
21. M-161, COOLING AND HEATING WATER, ELECTRICAL UNDERGROUND EXTENSION – MECHANICAL SITE PLAN

UNIVERSITY OF CALIFORNIA, MERCED

By: University of California, Merced
    University’s Representative

_____________________________
Wenbo Yuan
    Sr. Project Director

Enclosure:
Specifications
Drawings

End of Addendum No. 4
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SECTION 07 2100
THERMAL INSULATION

PART 1 - GENERAL

1.01 RELATED DOCUMENTS
A. Drawings and general provisions of the Contract, including General and Supplementary
   Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY
A. This Section includes the following:
   1. Glass-fiber blanket insulation.

1.03 SUBMITTALS
A. Product Data: For each type of product approved by University. Include installation
details, material descriptions, and any dimensions of components.
B. LEED Documentation: Submit data and other information demonstrating compliance with
LEED requirements.
   1. For adhesives and sealants used and applied on-site, provide documentation
      including printed statement of VOC content. Fill out the LEED submittal template
      forms and calculator spreadsheets as provided by the U.S. Green Building
      Council.
   2. Source Location: Provide letter stating the location of the manufacture of the
      primary materials. Also include the location of the harvest, extraction and
      recovery of the recycled content.
   3. For products having recycled content, documentation indicating percentages by
      weight of postconsumer and preconsumer recycled content. Include statement
      indicating cost for each product having recycled content.

1.04 QUALITY ASSURANCE
A. Surface-Burning Characteristics: As determined by testing identical products according
to ASTM E 84 by a qualified testing agency. Identify products with appropriate markings
of applicable testing agency.

1.05 DELIVERY, STORAGE, AND HANDLING
A. Deliver products and components to Project site in original, unopened packages. Protect
insulation materials from physical damage and from deterioration due to moisture, soiling,
and other sources. Store inside and in a dry location. Comply with manufacturer's
written instructions for handling, storing, and protecting during installation.
PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with University requirements available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
   1. CertainTeed Corporation.
   2. Johns Manville.
   3. Or Equal

2.02 MATERIALS

A. Encapsulated Glass-Fiber Blanket Insulation: ASTM C 665, Type I; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E 84; passing ASTM E 136 for combustion characteristics.

B. Thickness: 4-inches (102mm) minimum. Provide insulation with R-value of not less than R-13.

C. Recycled Content: Postconsumer recycled content plus one-half of preconsumer recycled content not less than 25 percent.

D. Sustainability Requirements: Provide glass-fiber blanket insulation as follows:
   1. Free of Formaldehyde: Insulation manufactured with 100 percent acrylic binders and no formaldehyde.
   2. Low Emitting: Insulation tested according to ASTM D 5116 and shown to emit less than 0.05-ppm formaldehyde.
   3. Contractors option, provide either free of formaldehyde or low emitting glass-fiber blanket insulation.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Comply with insulation manufacturer's written instructions applicable to products and applications indicated. Clean substrates of substances that are harmful to insulation or that interfere with insulation attachment.

B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed to ice, rain, or snow at any time.

C. Extend insulation to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.

D. Provide sizes to fit applications indicated and selected from manufacturer's standard thicknesses, widths, and lengths. Apply single layer of insulation units to produce thickness indicated.

E. Install insulation such that manufacturer's R-value mark is readily observable upon inspection. Install insulation in cavities formed by framing members and secure in-place following manufacturer's written instructions.
3.02 PROTECTION

A. Protect installed insulation and accessories from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or enclosures where insulation is subject to abuse and cannot be concealed and protected by permanent construction immediately after installation. Repair tears or punctures following manufacturer’s written instructions.

END OF SECTION
PART 1 - GENERAL

1.01 RELATED DOCUMENTS
A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY
A. This Section includes the following:
   1. Standard hollow metal doors and frames.
   2. Panel folding doors.

B. Related Sections:
   1. Section 08 7100 Door Hardware

1.03 DEFINITIONS
A. Minimum Thickness: Minimum thickness of base metal or metal assembly without coatings.
B. SDI: Meets the requirements of, or conforms to standards set by Steel Door Institute.

1.04 REFERENCE STANDARDS

1.05 SUBMITTALS
A. Product Data: For each type of product approved by University. Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.

B. LEED Documentation: Submit data and other information demonstrating compliance with LEED requirements.
   1. For adhesives and sealants used and applied on-site, provide documentation including printed statement of VOC content. Fill out the LEED submittal template forms and calculator spreadsheets as provided by the U.S. Green Building Council.
   2. Source Location: Provide letter stating the location of the manufacture of the primary materials. Also include the location of the harvest, extraction and recovery of the recycled content.
   3. For products having recycled content, documentation indicating percentages by weight of postconsumer and preconsumer recycled content. Include statement indicating cost for each product having recycled content.

C. Maintenance Data: For each type of door to include in maintenance manuals.

D. Shop Drawings: Include plans, elevations, sections, details, hardware, attachments to other work, and accessories necessary for complete installation and adjustment for
proper operation. Components and operation shall be approved by University Project Manager.

1.06 QUALITY ASSURANCE

A. Installer Qualifications: Supplier of products and an employer of workers trained and approved by product manufacturers who is available during the course of the Work to consult with the University Project Manager about doors supplied.

B. Accessibility Requirements: Doors shall comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines and ICC/ANSI A117.1.

C. Coordination: Information on drawings and in specifications establishes only outline requirements and performance characteristics for systems and components. Specific products, operation, arrangements, alignment, profiles, assemblies as they relate to sightlines, to one another, and to adjoining construction shall be subject to approval by University Project Manager.

D. Consultants: Retain the services of a Certified Door Consultant (CDC) to assist the University in door product selection. The consultant shall sign and seal the door construction submittal. Doors shall be clearly and permanently marked by the manufacturer where it will be visible after installation.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Deliver products and components to Project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.

B. Do not store in a manner that traps excess humidity. Do not use non-vented plastic.

C. Tag each item or package separately with identification coordinated with the door location, and include installation instructions, templates, accessories, and necessary fasteners with each item or package.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with University requirements available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Ceco Door Products; an Assa Abloy Group company.
2. Crown Industrial Supply
3. Steelcraft; an Ingersoll-Rand company
4. Or Equal

2.02 MATERIALS

A. Metallic-Coated Steel Sheet: ASTM A 653/A 653M, Commercial Steel (CS), Type B; with minimum A60 (ZF180) metallic coating.
B. Anchors: ASTM A 591/A 591M, Commercial Steel (CS), 40Z (12G) coating designation; mill phosphatized.

C. Inserts, Bolts, and Fasteners: Hot-dip galvanized according to ASTM A 153/A 153M.

D. Powder-Actuated Fasteners in Concrete: Fastener system of type suitable for application indicated, fabricated from corrosion-resistant materials, with clips or other accessory devices for attaching hollow metal frames of type indicated.

2.03 STANDARD HOLLOW METAL DOORS

A General: Provide doors of design indicated, not less than thickness indicated; fabricated with smooth surfaces, without visible joints or seams on exposed faces unless otherwise indicated. Comply with ANSI/SDI A250.8.

1. Design: Flush panel as approved by University Project Manager

2. Thermal-Rated (Insulated) Doors: Provide doors fabricated with thermal-resistance value (R-value) of not less than 11.1, U-value: 0.09 when tested according to ASTM C 1363.

2.04 HOLLOW METAL PANEL FOLDING DOORS

A General: Provide doors of design indicated, not less than thickness indicated; fabricated with smooth surfaces, without visible joints or seams on exposed faces unless otherwise indicated. Comply with ANSI/SDI A250.8.

1. Design: Flush panel as approved by University Project Manager

2. Thermal-Rated (Insulated) Doors: Provide doors fabricated with thermal-resistance value (R-value) of not less than 11.1, U-value: 0.09 when tested according to ASTM C 1363.

3. Operation: Top-supported, horizontal-sliding, manually operated folding doors.

4. Gasketing: Manufacturer’s standard top, bottom, joint and jamb seals.

5. Carriers: Four-wheel carriers as necessary for size and weight of doors, to ensure secure and easy operation.

6. Tracks: Manufacturer’s standard metal track with factory applied, corrosion-resistant finish. Limit track deflection, independent of structural system, within limits of Manufacturer requirements for proper operation.


PART 3 - EXECUTION

3.01 INSTALLATION

A. Steel Doors and Frames: For surface applied door hardware, drill and tap doors and frames according to ANSI/SDI A250.6.
B. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

C. Examine roughing-in for embedded and built-in anchors to verify actual locations before frame installation. Proceed with installation only after all unsatisfactory conditions have been corrected.

D. General: Install metal door work plumb, rigid, properly aligned, and securely fastened in place; comply with Shop Drawings and manufacturer's written instructions.

3.02 ADJUSTING

A. Adjustment: Adjust and check each operating item of each door to ensure proper operation and function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust units as necessary to ensure smooth, quiet operation without warping or binding. Adjust hardware to function smoothly. Confirm that latches engage accurately and securely without forcing or binding. Adjust door control devices to comply with referenced accessibility requirements.

3.03 CLEANING

A. Clean exposed surfaces after installation. Protect hardware from paint, stains, blemishes, and other damage until acceptance of work. Comply with manufacturer's written instructions for cleaning and touchup of minor finish damage. Provide final protection and maintain conditions that ensure that doors are without damage or deterioration at time of Substantial Completion.

END OF SECTION
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA  
MASTER BUILDERS RISK PROGRAM  

COVERAGE SUMMARY  

This document summarizes the Builder’s Risk policy and is not intended to reflect all the terms and 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 insurance afforded by the listed policy is subject to all the terms, exclusions and conditions of such policy.  

INSURANCE COMPANY: Lexington Insurance Company  

BEST’S RATING: A+ XV  

NAMED INSURED: The Regents of the University of California  

INSURING AGREEMENT  

1. This Policy, subject to the terms, exclusions, limitations and conditions; insures against all risk of direct physical loss or damage to property insured while at the location of the Insured Project (as fully described in the contract documents), while in onsite storage or while in transit, all within the policy territory and occurring during the term of this policy.  

LIMITS OF LIABILITY  

1. SCHEDULE OF LIMITS  

This Company shall be liable for the actual contract value, as specified in the Project Certificate (sample attached) of all individual Insured Projects insured hereunder, but not exceeding the limits and sublimits set forth below:  

A. Limit of Liability:  

- $100,000,000 physical damage or loss to covered property at the site of each individual Insured Project.  

- $25,000,000 Joisted Masonry. Projects exceeding $25,000,000 require advance approval.  

- $10,000,000 Wood Frame. Projects exceeding $10,000,000 require advance approval.
NOTE: This limit of liability will correspond with the estimated total construction cost as indicated on the original application. The limit of liability will not be increased until the University’s Representative has notified Aon Risk Services of any increase in the total construction cost.

B. Sublimits of Liability:

1. $250,000  Decontamination and Clean-up Expense
2. $1,000,000  Demolition and Increased Cost of Construction
3. $1,000,000  Expediting Expense any one location
4. $2,500,000  Off-site Storage at any one location
5. $2,500,000  Property in Transit on any one conveyance
6. $250,000  Valuable Papers and Records including Plans, Blueprints, Drawings, Renderings, Specifications or Other Contract Documents, Models, EDP Media, EDP Systems,
7. $10,000,000  Interior Water Damage in any one occurrence
TERMS AND CONDITIONS

1. 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. In respect to Joint Ventures, the Named Insured's percentage interest is included. If the Named Insured is responsible for such insurance as provided herein, and to the extent the full contract value is declared, then this policy will include the interests of Joint Venture partners for their respective percentage share(s).

2. ADDITIONAL INSURED

To the extent required by any contract or subcontract for the Insured Project, and then only as their respective interests may appear, any individual(s) or entity(ies) specified in such contract or subcontract, are recognized as Additional Insureds hereunder. As respects architects, engineers, manufacturers and suppliers, the foregoing is limited to their site activities only.

3. ATTACHMENT/TERMINATION

Applicable to the Master Policy in effect from 12:01 AM, September 1, 2005 until 12:01 AM, September 1, 2008. Insured Project coverage will apply at the Project start date noted in the Project Certificate issued and continuing in full force and effect as specified by the estimated Completion Date in the Project Certificate and/or the contract.

NOTIFICATION OF COVERAGE/TERMINATION: If construction is not completed on time and coverage beyond the original expiration date is required, prior notification must be given by the University Representative to Aon Risk Services.

4. DEDUCTIBLE

$25,000 each OCCURRENCE for ALL OTHER PERILS (AOP)
$100,000 each OCCURRENCE for INTERIOR WATER DAMAGE

NOTE: The contractor shall be responsible for the deductible amount.
EXCLUSIONS

PROPERTY EXCLUDED

This Policy does not insure:

1. Land and land values and the value of cut, fill and backfill materials existing at the project site prior to project commencement. To the extent included, estimated total contract value declared for premium purposes, the value of fill and backfill materials purchased for use in the completion of the project is not excluded. Notwithstanding the foregoing, labor and material charges incurred to move, remove, place or otherwise handle cut, fill and backfill materials, whether insured or uninsured in the foregoing, are covered to the extent such charges are included in the estimated total contract value declared for premium purposes.

2. Contractor’s tools, machinery, plant and equipment, including spare parts and accessories, whether owned, loaned, borrowed, hired or leased, and property of a similar nature not destined to become a permanent part of the completed Insured Project unless the value of the same is declared under a Project Certificate and additional premium is paid at rates, terms and conditions to be agreed; construction plant, tools and equipment, unless the value of same is reported to the Company, endorsed hereon and additional premium is paid at a rate to be agreed;

3. Vehicles or equipment licensed for highway use, watercraft or aircraft;

4. Water, animals of any kind, standing timber, and growing crops.

5. Accounts, bills, currency, stamps, deeds, evidence of debt, checks, money, securities, precious metals, precious stones or other property of a similar nature;

6. EXISTING PROPERTY at the site of the Insured Project;

7. Property located at other than the location of the Insured Project, except that which is in transit or temporary storage.

8. Prototype, developmental or used machinery and equipment but only as to damage while undergoing any form of Hot Testing, commissioning or startup unless specifically endorsed to the policy.

9. Transmission and distribution lines upon energization at the completion of testing;

10. Any property located at a site which stores, processes, handles or makes use of radioactive materials unless reported to and accepted by the Company. The foregoing shall not apply to locations or property making use of radioactive isotopes contained within equipment used for diagnostic or testing purposes.

EXCLUDED CAUSES OF LOSS

1. Consequential loss, damage or expense of any kind or description including but not limited to loss of market or delay, liquidated damages, performance penalties, penalties for...
non-completion, delay in completion, or non compliance with contract conditions, whether caused by a peril insured or otherwise

2. Faulty or defective workmanship, materials, supplies, or design

3. Error, omission or deficiency in design, plans, specifications, engineering or surveying

4. War

5. Nuclear reaction or radiation or radioactive contamination however caused

6. Unexplained disappearance, shortage or other loss discovered upon taking inventory.

7. Loss, damage costs, expenses, fines or penalties at the order of any government agency

8. Any form of fungus, however caused, including but not limited to yeast, mold, mildew, smut, mushrooms, spores or any substance, product or byproduct produced by, released by or arising as a consequence of the past or current existence of fungus. This includes, but is not limited to the cost to remediate the presence or effects of any of the foregoing shall also be excluded.

9. The actual, alleged or threatened release, discharge, escape or dispersal of Contaminants or Pollutants

10. Asbestos Hazard

11. Loss or damage covered under any written or implied guarantee or warranty by any manufacturer or supplier

12. Cessation of work, whether total or partial.

13. Normal subsidence, settling, cracking, expansion, contraction or shrinkage of walls, floors, ceilings, buildings, foundations, patios, walkways, driveways or pavements

14. Infestation, disease, freeze, drought and hail, weight of ice or snow or any damage caused by insects, vermin, rodents or animals but only as respects to Trees, Plants, Shrubs and Landscaping.

15. Erosion of graded or planted finish or rough grades which results from normal precipitation

16. Loss, damage, destruction, distortion, erasure, corruption, alteration, diminishment in value, or loss of use or usefulness of electronic data, operating systems, micro processors, or computers.

17. Flood as defined herein. However if fire, explosion, or leakage from FIRE PROTECTIVE EQUIPMENT ensues, then this policy insurers only such ensuing loss or damage

18. Earthquake as defined herein. However if fire, explosion, or leakage from FIRE PROTECTIVE EQUIPMENT ensues, then this policy insurers only such ensuing loss or damage
EXTENSIONS OF COVERAGE

1. TRANSIT:

Subject to the sublimit, coverage applies with respect to property insured from the commencement of loading at the original point of shipment anywhere within the policy territory until completion of unloading at the location of Insured Project, including shipments on inland or coastal waters but excluding ocean marine shipments. To the extent others are responsible for loss or damage to property insured while in transit under terms F.O.B. to a designated location or recipient, this extension of coverage will apply excess thereof and shall not contribute thereto.

The Insured agrees to keep records of all shipments insured hereunder and make them available to the Company upon request.

This coverage shall be void if the Insured enters into any special agreement with carriers releasing them from their common law or statutory liability or agreeing that this insurance shall in any way inure to the benefit of such carriers, however, the Insured may, without prejudice to this coverage, accept such bills of lading, receipts, or contracts of transportation as are ordinarily issued by carriers containing a limitation as to the value of property insured.

2. OFFSITE STORAGE:

Subject to the sublimit, coverage applies with respect to property insured anywhere within the policy territory but excluding such property while in the course of manufacturing or processing at a manufacturer's or supplier's site or while in transit. To the extent others are responsible for loss or damage to covered property while in offsite storage, this extension of coverage will apply excess thereof and shall not contribute thereto.

3. EXPEDITING EXPENSE:

Subject to the sublimit, this Policy shall pay for reasonable wages for overtime, night work, and work on public holidays and extra costs of express freight or other rapid means of transportation which are necessary to make temporary repairs and to expedite the permanent repair or replacement of the property insured when damaged by an peril insured, but only to the extent such is necessary to continue as nearly as practicable the normal operation of the work in progress.

4. ORDINANCE OR LAW / DEMOLITION AND INCREASED COST OF CONSTRUCTION:

Subject to the sublimit, in the event of insured loss or damage under this policy that causes the enforcement of any law or ordinance in effect at the time of loss that regulates the repair, rebuilding or re-construction of the damaged portions of the Insured Project, then to the extent required by such enforcement of any law or ordinance, the Company shall be liable for:

A. Cost of demolishing undamaged parts of the Insured Project including cost of clearing the site.
B. The value of such undamaged part of the facility which must be demolished;

C. Increased cost of repair, rebuilding or re-construction of the damaged portions of the
insured Project on the same premises for the same use but not exceeding like height,
floor area, style, material and limited to the minimum requirements of the law or
ordinance.

With respect to coverage provided by Paragraph B., it is further understood and agreed that the
Company shall not be liable for any loss, unless and until the damaged or destroyed building(s)
or structure(s) is actually rebuilt or replaced on the same premises with due diligence and
dispatch and in no event, unless repair or replacement is completed within two (2) years after
the destruction or damage or within such further time as the Company may allow, in writing,
during the two (2) years.

The following costs are not payable hereunder:

A. Cost of demolition or increased cost of repair or reconstruction, debris removal, or other
consequential loss caused by the enforcement of any law or ordinance regulating
asbestos material or CONTAMINANTS OR POLLUTANTS*;

B. Cost of any governmental direction or request declaring that asbestos material present
in, part of or utilized on any undamaged portion of insured property can no longer be
used for the purpose for which it was intended or installed and must be removed or
modified.

C. Cost of compliance with the enforcement of any law or ordinance which an Insured
would have otherwise incurred by nature of such law or ordinance in the absence of any
loss or damage covered by this policy.

5. **CLEAN UP OF CONTAMINANTS OR POLLUTANTS***:

Subject to the sublimit, the Company will pay for the necessary and reasonable expenses
actually incurred by the Insured to cleanup and remove CONTAMINANTS OR POLLUTANTS* from land or water confined to the INSURED PROJECT if the discharge,
dispersal, seepage, migration, release or escape of the CONTAMINANTS OR POLLUTANTS* is directly caused by insured physical loss of or damage to property insured
which occurs during the term of this policy.

It is a condition precedent to recovery under this extension of coverage, that the Company
shall have paid or agreed to pay for direct physical loss or damage to Insured Property
hereunder and that the Insured shall give written notice to the Company of intent to claim
for cost of debris removal or cost to clean up not later than twelve (12) months after the
date of such loss or damage.

6. **FIRE BRIGADE CHARGES AND EXTINGUISHING EXPENSES**:

Subject to the sublimit, when property insured is destroyed or damaged by a peril insured,
this Policy shall cover:
A. Fire brigade charges and other extinguishing expenses for which the Insured may be assessed;

B. Loss of fire extinguishing materials expended in fighting fire;

7. **PLANS, BLUEPRINTS, DRAWINGS, ETC:**

Subject to the sublimit, this Policy is extended to cover direct physical loss of or damage to plans, blueprints, drawings, renderings, specifications or other contract documents and models while at the Insured Project.

8. **TREES, PLANTS, SHRUBS AND LANDSCAPING:**

This Policy is extended to cover direct physical loss of or damage to trees, plants, shrubs and landscaping materials which are located at the Insured Project, the value of which have been included in the estimated Total Company Value reported to the Company, however, liability for such shall not exceed $1,000 any one item;

9. **DEBRIS REMOVAL:**

Subject to the sublimit, in the event of direct physical loss or damage insured against and occurring during the term of this Policy, the Company will pay the following necessary and reasonable costs:

A. costs to remove debris being a part of the property insured from the location of the Insured Project; and / or

B. cost of cleanup at the Insured Project made necessary as a result of such direct physical loss or damage.

The Company will not pay the expense or cost to extract CONTAMINANTS OR POLLUTANTS* from debris, or to remove, restore, or replace contaminated or polluted land or water. Nor will the Company pay to remove or transport property or debris to a site for storage or decontamination required because the property or debris is affected by CONTAMINANTS OR POLLUTANTS*, whether or not such removal, transport or decontamination is required by law, ordinance or regulation.

It is a condition precedent to recovery under this extension that the Company shall have paid, or agreed to pay, for direct physical loss or damage to the property insured, unless such payment is precluded solely by the operation of any deductible, and that the Insured shall give written notice to the Company of intent to claim for cost of debris removal or cost to cleanup not later than (12) twelve months after the date of such physical loss or damage.
SELECTED GENERAL CONDITIONS

1. IN CASE OF LOSS

A. Notice of OCCURRENCE:

The Insured will, as soon as practicable, after notifying the University Representative and the University's Chief Risk Officer, report in writing to the Company every OCCURRENCE that may give rise to a claim under this Policy.

B. Proof of Loss:

The Insured will as soon as practicable, file with the Company a signed and sworn detailed proof of loss.

C. Payment of Loss:

All adjusted claims will be due and payable no later than thirty days after presentation and acceptance of proof of loss by this Company or its appointed representative.

D. Partial Payment of Loss:

In the event of a loss insured by this policy, it is understood and agreed that the Company will make partial payments of claims subject to the policy provisions and the normal policy adjustment provisions.

2. RECOVERY OR SALVAGE

Any recovery or salvage will apply as if recovered or received prior to the loss settlement and the loss will be readjustment accordingly, except for:

A. proceeds from subrogation and other insurance recovered or received after a loss settlement under this policy;

B. any recovery from suretyship, insurance, reinsurance, security or indemnity taken by or for the benefit of the Company.

3. VALUATION

At the time and place of loss, the basis of adjustment of a claim, unless otherwise endorsed herein, shall be as follows:

A. Property Under Construction – The cost to repair or replace the property lost or damaged at the time and place of loss with material of like kind and quality less betterment, including contractor’s reasonable profit and overhead not exceeding the percentages in the original contract; and if not so replaced, then loss shall be settled on the basis of ACTUAL CASH VALUE with proper deduction for depreciation.
B. Property of Others (Including Items Supplied by the Owner) – The cost to repair or replace the property lost or damaged with material of like kind and quality including contractor’s charges incurred prior to loss and related to such property, if any, less betterment, or the property owner’s cost, whichever is less.

C. Temporary Works – The actual cash value of the lost or damaged property valued as of the time and place of loss.

D. Valuable Papers and Records - The cost to reproduce the property with other property of like kind and quality including the cost of gathering or assembling information from back up data if replaced, or if not replaced, at the value of blank material;

1. Installed Trees and Shrubs - The cost to replace with property of like kind, quality and size plus the proper proportion of labor expended if such damage occurs after installation.

4. PROTECTION OF PROPERTY

The Named Insured will take reasonable steps to protect, recover or save the property insured and minimize any further or potential loss or damage when:

A. The property insured has sustained direct physical loss or damage by an insured peril; or

B. The property insured is in imminent danger of sustaining direct physical loss or damage by the perils of:

1. WINDSTORM or other related perils, but only when the potential for the same to occur has been forecasted by the National Weather Service;

2. Fire:
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:**
   
   A condition of inundation of normally dry areas, including dewatered areas, that results from:
   
   A. The rising or overflow of inland or tidal waters;
   
   B. The unusual and rapid accumulation or runoff of surface waters;
   
   C. Mudslides (mudflows) which are caused by flooding as defined in subparagraph B above and are akin to a river of liquid and flowing mud on the surfaces of normally dry land areas, as when earth is carried by a current of water and deposited along the path of the current.

   The collapse or subsidence of land along the shore of a lake or other body of water as a result of erosion or undermining caused by waves or currents of water exceeding the cyclical levels which result in flooding as defined in A above.

2. **CONTAMINANTS OR POLLUTANTS:**
   
   Any material which after its release can cause or threaten damage to human health or human welfare or which can cause or threaten damage, deterioration, loss of value, marketability or loss of use to property insured hereunder as listed in the Federal Water Pollution Control Act, Clean Air Act, Resource Conservation and Recovery Act of 1976, and Toxic Substances Control Act, or as designates by the US Environmental Protection Agency.

3. **EARTHQUAKE:**
   
   All land movement due to seismic activity, including but not limited to shocks, tremors, volcanic action, earth rising or shifting, landslide, subsidence, sinkhole, rockfall, and tsunami.

4. **FIRE PROTECTION SYSTEMS:**
   
   Tanks, water mains, hydrants, or valves, and any other equipment whether used solely for fire protection or jointly for fire protection and for other purposes but excluding:
   
   A. branch piping from a joint system where such branch lines are used entirely for purposes other than fire protection;
   
   B. any underground water mains or appurtenances located outside of the described premises and forming part of the public water distributing system;
   
   C. Any pond or reservoir in which the water is impounded by a dam.

5. **OCCURRENCE:**
   
   Any one loss, disaster, casualty, accident, incident, or a series of one or more of the foregoing arising out of a single event or originating cause during the Policy term and including all resultant or concomitant losses wherever located with the following exceptions:

   With the exception of strikes, riots, civil commotion and vandalism or EARTHQUAKE, FLOOD and WINDSTORM, OCCURRENCE means any one loss, disaster, casualty, accident, incident, or a series of one or more of the foregoing arising out of a single event or originating cause during the Policy term and including all resultant or concomitant losses wherever located.

6. **WINDSTORM:**
   
   A named atmospheric disturbance accompanied by wind, rain, hail, tornado or any combination of the foregoing and including any resulting flood, tidal or wave action.

7. **PROJECT CERTIFICATE**
   
   A certificate of insurance (sample attached) evidencing coverage under the Policy of individual Insured Project(s).
**Lexington Insurance Company**

**CERTIFICATE OF INSURANCE**

<table>
<thead>
<tr>
<th>CERTIFICATE PERIOD</th>
<th>CERTIFICATE NUMBER</th>
<th>IM 0001 - 00</th>
</tr>
</thead>
<tbody>
<tr>
<td>from</td>
<td>to</td>
<td></td>
</tr>
</tbody>
</table>

This Certificate follows terms and conditions of LEXINGTON INSURANCE COMPANY Policy IM 7477530 - 00

This certificate neither affirmatively nor negatively amends, extends or alters the coverage, limits, terms or conditions of the Master policy unless expressly stated herein.

**Named Insured**

The Regents of The University of California and/or their construction managers, contractors, subcontractors, as their interests may appear 1111 Franklin Street, 10th Floor Oakland, CA 94607-5200

**Additional Insureds**

The Regents of The University of California, its approved General Contractor, Construction Manager, and/or Subcontractor of any tier, whose contract with The Regents of The University of California provides for Builder's Risk coverage

**Premium $**

<table>
<thead>
<tr>
<th>Coverage</th>
<th>Builders Risk</th>
<th>Delay In Completion</th>
<th>Hot Testing / Month</th>
<th>Earthquake</th>
<th>Flood</th>
<th>Windstorm / Month</th>
<th>Damage To Existing Property</th>
<th>Ordinance &amp; Law / Demo &amp; ICC</th>
<th>Transit</th>
<th>Offsite Storage</th>
<th>Expediting Expense</th>
<th>Fire Dept. Service Charges</th>
<th>Plans, Blueprints &amp; Models</th>
<th>Terrorism</th>
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</thead>
<tbody>
<tr>
<td>All Risk</td>
<td>$100</td>
<td>$100</td>
<td>$100</td>
<td>$100</td>
<td>$100</td>
<td>$100</td>
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<td>$100</td>
<td>$100</td>
<td>$100</td>
<td>$100</td>
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</tr>
</tbody>
</table>

**Loss Payee**

N/A = Not Applicable

**Mortgagee**

Not Applicable

**Project Location**

UC Campus Address: Project Name & Number Prime Contractor

**Sampling of Builder’s Risk Insurance Policy**

---

**September 1, 2005**

**Ex: SBRIP**

**12** Summary of Builder’s Risk Insurance Policy
### STANDARD COVERAGE TERMS

<table>
<thead>
<tr>
<th>LIMIT OF LIABILITY</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ See Above</td>
<td>Physical Damage To Insured Property</td>
</tr>
<tr>
<td>$ Excluded</td>
<td>Delay In Completion (see coverage terms below for specific sublimits)</td>
</tr>
<tr>
<td>$ 2,500,000</td>
<td>Physical Damage To Property In Transit - Any One Occurrence</td>
</tr>
<tr>
<td>$ 1,000,000</td>
<td>Expenditure Expense</td>
</tr>
<tr>
<td>$ 250,000</td>
<td>Fire Brigade Charges &amp; Extinguishing Expenses</td>
</tr>
<tr>
<td>$ 250,000</td>
<td>Physical Damage To Plans, Blueprints, Drawings, Renderings, Specifications Or</td>
</tr>
<tr>
<td></td>
<td>Other Contract Documents And Models At The Insured Project</td>
</tr>
<tr>
<td>$ 1,000,000</td>
<td>Ordinance Or Law / Demolition &amp; Increased Cost of Construction</td>
</tr>
<tr>
<td>$ Excluded</td>
<td>Damage To Existing Property</td>
</tr>
<tr>
<td>25.0%</td>
<td>Of the amount of insured physical loss or damage - Debris Removal</td>
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### ANNUAL AGGREGATES

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>$ Excluded - Caused By, Resulting From, Contributed To Or Aggravated By The Peril Of</td>
</tr>
<tr>
<td>COASTAL WINDSTORM*</td>
</tr>
<tr>
<td>$ Excluded - Caused By, Resulting From, Contributed To Or Aggravated By The Peril Of</td>
</tr>
<tr>
<td>FLOOD*</td>
</tr>
<tr>
<td>$ Excluded - Caused By, Resulting From, Contributed To Or Aggravated By The Peril Of</td>
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</table>

### DEDUCTIBLES

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 25,000* - Physical Damage, Except</td>
</tr>
<tr>
<td>$ Excluded - % EARTHQUAKE*</td>
</tr>
<tr>
<td>$ Excluded - % COASTAL WINDSTORM*</td>
</tr>
<tr>
<td>$ Excluded - % FLOOD*</td>
</tr>
<tr>
<td>$ Excluded - Hot Testing</td>
</tr>
<tr>
<td>Excluded - Calendar Day Deductible Period - Delay In Completion - Standard Coverage</td>
</tr>
<tr>
<td>Excluded - Calendar Day Deductible Period - Delay In Completion - Optional Coverage</td>
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</table>

### DELAY IN COMPLETION COVERAGE TERMS

NAMING INSURED & BUSINESS ADDRESS: Not Applicable

<table>
<thead>
<tr>
<th>Anticipated Date of Completion</th>
<th>N/A</th>
<th>Period of Indemnity</th>
<th>N/A</th>
<th>Calendar Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subject to individual Certificate Aggregate sublimits shown below, the total Certificate Aggregate limit for which the Company shall be liable is</td>
<td>$</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Certificate Aggregate Sub-Limits of Liability</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loss Of Gross Earnings</td>
<td>N/A</td>
</tr>
<tr>
<td>Loss Of Rental Income</td>
<td>N/A</td>
</tr>
<tr>
<td>Soft Costs / Additional Expense</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>When a Certificate Aggregate Sub-limit is entered for Soft Costs / Additional Expense above, coverage shall be further limited to the individual Certificate Aggregate Sub-limits entered to the right</th>
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<tbody>
<tr>
<td>Interim Interest Expense</td>
<td>N/A</td>
</tr>
<tr>
<td>Realty Taxes / Ground Rents</td>
<td>N/A</td>
</tr>
<tr>
<td>Advertising Expense</td>
<td>N/A</td>
</tr>
<tr>
<td>Commission Expense</td>
<td>N/A</td>
</tr>
<tr>
<td>Architect / Engineer Fees</td>
<td>N/A</td>
</tr>
<tr>
<td>Project Administration Expense</td>
<td>N/A</td>
</tr>
<tr>
<td>Legal / Accounting Fees</td>
<td>N/A</td>
</tr>
<tr>
<td>Insurance Premiums</td>
<td>N/A</td>
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</tbody>
</table>

Page 2 of 3
HOT TESTING PERIOD TERMS

(If an X is entered in the coverage block on page one the following must be provided)

HOT TESTING PERIOD: ___ N/A ___ Days

OTHER COVERAGE TERMS / CONDITIONS

(Identify other terms and conditions below that apply to this Certificate)

* An Interior Water Damage Sublimit of $10,000,000 is applicable to all projects on a per occurrence basis.
* A Deductible of $100,000 is applicable to the Interior Water Damage Sublimit on a per occurrence basis.
## General Drawings

<table>
<thead>
<tr>
<th>Sheet No.</th>
<th>Sheet Name</th>
<th>100% CD</th>
<th>Addendum 1</th>
<th>Addendum 2</th>
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<tbody>
<tr>
<td>G 001</td>
<td>Cover Sheet</td>
<td>05.10.12</td>
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<tr>
<td>G 002</td>
<td>Sheet Index and Project Information</td>
<td>05.10.12</td>
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<tr>
<td>G 003</td>
<td>DSA Review Reference</td>
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## Civil Drawings

<table>
<thead>
<tr>
<th>Sheet No.</th>
<th>Sheet Name</th>
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<th>Addendum 1</th>
<th>Addendum 2</th>
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<tbody>
<tr>
<td>C 101</td>
<td>General Notes</td>
<td>05.10.12</td>
<td></td>
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</tr>
<tr>
<td>C 102</td>
<td>Survey Control Plan</td>
<td>05.10.12</td>
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<tr>
<td>C 103</td>
<td>Corp Yard Grading and Drainage Plan</td>
<td>05.10.12</td>
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<td></td>
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<tr>
<td>C 104</td>
<td>Corp Yard Utilities Plan</td>
<td>05.10.12</td>
<td>07.30.12</td>
<td>08.16.12</td>
</tr>
<tr>
<td>C 105</td>
<td>Corp Yard Electrical Plan</td>
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<td></td>
<td>08.16.12</td>
</tr>
<tr>
<td>C 106</td>
<td>Ranchers Road / Ansel Adams Key Sheet</td>
<td>05.10.12</td>
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<td></td>
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<tr>
<td>C 107</td>
<td>Ranchers Road Topography and Demolition Plan</td>
<td>05.10.12</td>
<td>08.16.12</td>
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</tr>
<tr>
<td>C 108</td>
<td>Ansel Adams Topography and Demolition Plan</td>
<td>05.10.12</td>
<td>07.30.12</td>
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<tr>
<td>C 109</td>
<td>Ranchers Road Grading Plan</td>
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<td>08.16.12</td>
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<tr>
<td>C 110</td>
<td>Ansel Adams Grading Plan</td>
<td>05.10.12</td>
<td>07.30.12</td>
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<tr>
<td>C 111</td>
<td>Ranchers Road Striping and Signing Plan</td>
<td>05.10.12</td>
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<tr>
<td>C 112</td>
<td>Ansel Adams Signage and Striping Plan</td>
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<td>C 113</td>
<td>Ranchers Road Ansel Adams Road Electrical Plan</td>
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<td>C 201</td>
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<td>C 202</td>
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<td>C 203</td>
<td>Ansel Adams Road Utilities Plan and Profile</td>
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<td>C 204</td>
<td>Shaver Lake Utilities Plan and Profile</td>
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<td>C 301</td>
<td>Typical Cross Sections</td>
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<tr>
<td>C 401</td>
<td>Corp Yard Erosion and Sediment Control Plan</td>
<td>05.10.12</td>
<td>08.16.12</td>
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<tr>
<td>C 402</td>
<td>Ranchers Road Erosion and Sediment Control Plan</td>
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<td>Ansel Adams Rd &amp; Shaver Lake Rd</td>
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<td></td>
<td>-Erosion and Sediment Control Plan</td>
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<tr>
<td>C 404</td>
<td>Erosion and Sediment Control Details</td>
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<td>C 507</td>
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<td>C 801</td>
<td>Add Alternates 1-3: Corp Yard</td>
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<tr>
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## Landscape Drawings

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Add Alternate 9: Ansel Adams Rd CH/HW Extension
Site Development and Infrastructure
Phase 4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
FILE NO. 01-UC MERCED
APPL. NO. AC____FLS____SS_____ DATE:

Site Development
and Infrastructure
Phase 4

Project Name:
Civil Engineer:
Project Number:
906050

Drawing Stage:
100% CONSTRUCTION DOCUMENTS

Seals and Signatures:

UNIVERSITY OF CALIFORNIA, MERCED
FIRE MARSHAL

Approval of this plan does not authorize or approve any omission or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.

Reviewed by:_____________________________
Date: ___________________________________
UCM Project No.: 906050

Description
Issue Date
No.
Scale:
Plot Date:
Revision Date:
Drawn By:

AS NOTED
04.19.2012
04.19.2012
MH, BV, BW

Drawing Title:
Sheet Number:

E-161