Project Name: UNIVERSITY OF CALIFORNIA, MERCED

EMERGENCY EYEWASH CORRECTION

Project No.: 907024

ADDENDUM NO. 1

to the

CONTRACT DOCUMENTS

October 17, 2018

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 shall be made to the following documents as indicated and all other Contract Documents shall remain the same.

II. <u>CLARIFICATIONS</u>

- A. PRE-BID QUESTIONS Questions received from bidders and responses are as follows:
 - 1. Q. What are the flow test requirements for new installation?
 - A. Perform a flow test for 15 seconds with bucket, under the witness of the IOR. Measurement of total water at the end of 15 seconds and calculate total flow. Submit all calculations for record.
 - 2. Q. What are the requirements for testing deck mount eye was units?
 - A. Contractor to test existing unit prior to replacing to obtain flow parameters.
 - 3. Q. Is there a need to place the casework where the shower handles are removed?
 - A. Contractor to provide and install a plastic non-corrosive plate to cover the void where the shower handle is removed. An example is in room 253.
 - 4. Q. Are there isolation valves, or will water need to be shut off in multiple locations?
 - A. There are isolation valves within 20 feet of each lab location.

JOBWALK COMMENTS:

- 1. Installation of new emergency shower/facewash combination unit: For testing purposes, the drain is to be 24.5" above finish floor and facing away from the adjacent wall.
- 2. Room 201K remove door, plate all hinges and strikes.
- 3. Room 301K Cylinder rack has been relocated, remove from scope.
- 4. Clips on existing eye wash units may be modified to meet the 5lbs. pull requirement.
- 5. Additional job walk request for site observation is scheduled for October 24, 2018 @ 1:00 pm, meet in the Lobby of SE1.

Project No.: 907024

III. <u>BIDDING/CONTRACT DOCUMENTS AND DIVISION 1 SPECIFICATIONS – VOLUME 0</u>

Revised Carpentry/Labor Scope: Relocation of cylinder rack (detail 16) not in this scope.
 Modification of casework in room 353 (detail 17) not in this scope. Added removal of door 201k

Project No.: 907024

2. **Revised Drawings** Sheet 006 – Detail 16 not in this scope. Sheet 006 – Detail 17 not in this scope. Sheet 009 – Removed details 16 and 17.

V. <u>DRAWINGS</u>

- 006 Removed relocation of cylinder rack in room 301K.
- 006 Removed modification to sink in room 353.
- 009 Removed detail 16
- 009 Removed detail 17

VI. <u>ATTACHMENTS</u>

- 1 01 11 00.01 Carpentry/Labor
- 2 Drawings
- 3 Job Walk Sign in Sheet

UNIVERSITY OF CALIFORNIA, MERCED

ndum No. 1

ADDENDUM 1

SECTION 01 11 00.01

SCOPE OF WORK

TRADE PACKAGE .01 - CARPENTRY/LABOR

1.0 SCOPE OF WORK – SPECIFICATIONS

Furnish all labor, material, equipment, taxes, and supervision necessary to perform all requirements of Division 0, Division 1, the following specification sections and all work shown on the drawings in complete accordance with the Contract Documents:

.1 Specification Section: 01 22 00 Unit Prices:

2.0 SCOPE OF WORK – SPECIFIC

Contractor also includes, but is not limited to the following specific items:

- .1 Provide laborer at straight time for a quantity of 300 hours. The intent is to have a laborer onsite to perform laborer duties, including but not limited to:
 - a. Provide miscellaneous cleanup as required.
 - b. Assist with jobsite traffic control and deliveries as required.
 - c. Provide and install yellow safety tape at (4) locations. Detail 10/008
 - d. Provide and install safety signage as indicated in Contract Documents in (13) locations. Detail 11/008
- .2 Provide a laborer at overtime rate for a quantity of 80 hours.
- .3 Provide for all small tools as will be required for laborer under subparagraph 3.1 above. Laborer must be equipped with all hand and power tools required to perform this scope.
- .4 <u>Carpenter Labor:</u> This Contractor to provide 200 hours of straight time carpenter labor and 40 hours of overtime carpenter labor to perform the carpenter duties, including but not limited to:
 - a. Removal of or modification of various eyewash clips, to meet 5 lbs. pull requirement, including fabrication and installation of shim and replacement adhesive. Detail 3/008
 - b. Demolition of protruding wall at one location. Detail 5/008
 - c. Wall repair including framing, drywall, patching and painting to match existing. Detail 5/008
 - d. Purchase and install cane rail at (2) existing emergency showers. Detail 6/008
 - e. Relocation of existing drying rack above sink at (5) locations. Detail
 - f. Relocation of existing (1) cylinder rack within the same room. Detail 16/009
 - g. Modification to existing casework in (1) locations to meet accessibility requirements. Detail 17/00

- h. All cutting and patching shall comply with Division 1 01 73 29 Cutting & Patching.
- i. Remove door at room 201k. Plate all hinges and strikes.
- j. Provide and install a plastic non-corrosive plate where existing shower handle is removed from casework. Specific product to be determined.

.5 Acoustical Ceiling Grid & Tile

- a. Remove and replace a minimum of (4) acoustical ceiling tile a (10) locations as needed for plumbing installation of emergency showers.
- b. Provide replacement acoustical tile (20) of replacement ceiling tile to match existing.
- .6 <u>Final Clean:</u> This scope of work will include the final cleaning of each area prior to Final sign off based on the following scope:
 - a. Dust all walls.
 - b. Vacuum floors.
 - c. Wipe down doors and frames.
 - d. Clean all exposed plumbing, and all plumbing fixtures.
 - e. Clean all cabinets and counter tops.
 - f. Clean all rubber and tile bases.
 - g. Mop concrete floors.
 - h. Clean reflective surfaces of any fingerprints.

3.0 SCOPE OF WORK – GENERAL

Contractor also includes, but not limited to, the following general items required for Prime Trade Contractor's work:

- .1 Permits, licenses, and fees associated with this trade's business as required for this Scope of Work.
- .2 Shop drawings, manufacturer's data, and samples.
- .3 Receiving, unloading, and protecting supplies and material.
- .4 Hoisting, staging, loading, unloading and coordinating with other Contractors.
- .5 Scaffolding, ladder, rolling staging, etc., unless specifically excluded below.
- .6 Work areas to be left broom clean on a daily basis and shall be kept clear of obstruction created by the storage or stockpiling of materials and free from the accumulation of debris generated by Contractor's work. Cleanup of general construction debris to University's general trash dumpster on a daily basis. This will be strictly enforced and any Contractor not providing labor will be charged for cleanup by the University on a monthly basis.

- .7 Temporary support for own work. Temporary construction water will be provided on site. Protect all water connections to source from leaking and tripping hazards. Temporary electricity source will be provided by University.
- .8 Task lighting to be provided by each Contractor.
- .9 Welding and temporary power for welding.
- .10 Lifting, staging, storage, and transportation, of own personnel, materials and equipment
- .11 Multiple mobilizations shift work and/or weekend work as required to meet this Scope of Work and the Contractor Schedule and Preliminary Master Project Schedule.
- .12 Protection of work to prevent damage until accepted by University.
- .13 Coordinate the Work in this section with all separate Contractors as required.
- .14 Schedule and coordinate all inspections and testing required for own work.
- .15 Onsite Superintendent, Foreman and Project Manager must have a cellular phone to allow the University's Representative to contact them during construction hours. Provide the phone numbers of two persons that can respond to emergencies 24 hours a day.
- .16 When using any manufacturer or product which is not listed first or as the Basis-of-Design in the specifications, include all additional impact costs such as field coordination, required modifications by Separate Contractors, redesign by Architect/Engineer, and similar costs as specified in Section 01 25 00 Product Options and Substitutions.
- .17 Contractor receiving material deliveries shall provide all necessary personnel, flagmen, barricades, cones, ribbons, Traffic Police escorts, and the like to keep the streets, parking lot and lay down yard continuously safe and clean during and after staging of material deliveries. No long term and or overnight storage in this zone will be allowed. Materials / Equipment left in this area will be removed at the contractor's expense.
- .18 Contractor shall be solely responsible for safe work practices regarding lock out tag out. The Contractor shall check all utilities are in a safe condition before proceeding with any work. The University's Representative or personnel employed by the University shall assist the Contractor in shutting down water, electrical, fire sprinkler, etc., but the Contractor retains the final and sole responsibility for providing a safe work environment for its workers and supervision on a daily (or hourly as required) basis.
- .19 Contractor may use restrooms located in building provided they are clean and respectful of the space. Should maintenance or cleanliness deficiencies be reported the Contractor will be responsible for providing on-site Portable Toilets and Sanitary Wash Stations.
- .20 No eating inside of buildings eat only in designated lunch areas. Provide cleanup of all food waste and trash immediately after eating.
- .21 No AM/FM radios, CD players, iPods, MP3 players, iPhones, head phones or ear buds of any type, etc., on site.
- .22 Contractors must pay for own parking
- .23 Contractors are responsible for disposal and recycling of materials.
- .24 The Jobsite is adjacent to ongoing campus activities. Due to noise constraints, work hours are from 7:00 a.m. to 5:00 p.m. on weekdays. All work is to be performed with minimal interruption

to campus activities. Weekend and after hour work must be pre-approved by the University's Representative with written 14-day notice.

- .25 Coordinate and provide submittals, submittal schedule, including shop drawings, manufacturer's data, samples, mockups, as-builts, warranty and guarantee as specified. Coordination of each Contractor's Work Scope is required to be done between All Contractor(s).
- .26 Provide all project record documents, including as-builts, warranty and guarantee as required per contract documents. Provide updates of as-builts documents after final sign off of each space on the Contractor(s) individual plan set. Prime Trade Contractor to provide as-built information, including RFI's to the University Representative after each update as required by contract documents.
- .27 Task lighting for own work.
- .28 Welding and temporary power for welding. Submit welder's certifications. Responsible for providing welding procedures. All onsite welding shall be done with OSHA approved protective shield, and shields must be in place prior to start of welding work. Shields are required to protect the general public and onsite workers from direct eye contact to welder's arc and keep welding slag spotter confined to the designated welding area.
- .29 Safety requirements for own work. OSHA approved personal protective safety equipment such as hard hats, work shoes, gloves, goggles, masks, vests, harnesses, etc. shall be worn by all Contractor personnel and 3rd party delivery men at all times when on project site.
- .30 Multiple move-ons as required to meet this Scope of Work and the Contractor Schedule and Master Project Schedule.
- .31 Each Contractor is responsible to provide blocking, backing, head out, wall or ceiling opening layout requirements to other Contractors. Failure to communicate these requirements to other Contractors will transfer the responsibility for these items back to the initial Contractor.
- .32 Schedule and coordinate all inspections and testing required for own work. Copy University Project Manager on all communications with Inspectors.
- .33 A minimum of one Superintendent/Foreman is required for duration of own work on project. Superintendent/Foreman must be on site when work is being performed. Superintendent may not be changed without University Project Manager's approval.
- .34 No smoking on campus.
- .35 This Scope of Work is written to complement the Plans and Specifications and does not modify any portion of the Plans and Specifications unless specific scope item states to modify Plans or Specifications by using the word "modify," or "change" or "disregard."
- .36 Some Scopes of Work overlap the Scopes of Work of other Contractors. This does not absolve either Contractor of their obligation to complete their Scope of Work. In all cases of dispute, the Owner shall have the final decision as to responsibility and/or payment allocation.
- .37 Contractor Superintendent/ Forman constructing the work are required to attend the mandatory pre-installation meetings prior to commencement of work.
- .38 Contractor is responsible to submit a detailed Method of Procedures (MOP) for any work that impacts the use of the space. The MOP shall be submitted a minimum of 14 business days prior to scheduling the work.

.39 Any work performed in Room 154 will require the contractor to suit up with clean gear that will be provided by the University.

PROJECT NO.: 907024

- .40 Any work performed in Room 004B will need to be supervised by an Officer or approved university Representative.
- .41 No food or drinks permitted in Laboratories.
- .42 Accessibility dependent upon research. Not all work will be performed between the hours of 7am-5pm.

4.0 SCOPE OF WORK – EXCLUSIONS

ELECTRICAL / LOW VOLTAGE PLUMBING ACOUSTICAL CEILING

END OF SECTION 01 11 00.01

Science and Engineering Building - Emergency Eyewash Correction





University of California Merced, California

Project Name

Sclence and EnglneerIng BulldIng Emergency Eyewash Correction

Building Number 0200

08/09/2018 10/10/2018 REBID

Key Plans



Drawing Title

COVER

Drawing Number

General Notes:

Unless otherwise indicated, all work shall be in strict accordance with all codes adopted and amended by the governing authority.

- 1. Shut down of utilities requires a 14 business day notification.
- 2. Contractor shall visit the job site and familiarize him/herself with all conditions which may have an effect on his/her work. Any discrepancies between the drawings and the actual conditions shall be immediately brought to the attention of the University.
- 3. The building shall conform to all state requirements for accessibility. All doors shall have min. clear openings of 32".
- 4. Drawings are not to be scaled for any reason. Dimensions shall govern.
- 5. Take field measurements as required. Discrepancies between drawings and field dimension shall be reported to the University prior to fabrication.
- 6. Provide attachment and connection devices and method necessary for securing work.
- Visual effect: Provide uniform joint widths in exposed work. Arrange joints in exposed work to obtain the best visual effect. Refer joint layouts to the University for final decision.
- 8. It shall be the responsibility of the Contractor to notify the University of any conflicts herein prior to start of work on that item.
- 9. Were no specific standards are applied to a material or method of construction to be used in the work, all such materials and methods are to maintain of the industry.
- 10. Materials, equip., etc. not indicated on drawings or specified herein but essential to the successful and efficient completion of the installation shall be furnished and installed.
- 11. Examine substrates and other conditions under finish materials for compliance w/ requirements for application of finish material. Do not begin application until unsatisfactory conditions have been corrected.
- 12. Building designed to support mechanical equip., ceilings, insulation and light fixtures. Contractor to comply with Division 01 01 73 23 for all attachment(s) to the building.
- 13. Manufacturer's instructions: comply with manufacturer's written installation instructions and recommendations to the extent that those instructions and recommendations are more explicit or stringent that requirements contained in contract documents.
- 14. Obtain each clarification of work from a single source as required in specifications.
- 15. These plans and related documents must be available at the job site during any inspection activity.
- 16. Provide all-weather access to all areas of he development during all phases of the construction.
- 17. The approval of these plans and specifications does not permit the violation of any section of the building code, municipal ordnances, or state laws.
- 18. Match existing finishes to the maximum extent feasible. If products specified in these drawings or specifications do not match existing adjacent products, submit an alternate to the University for approval.
- 19. Accessibility dependent upon Laboratory research. Not all work will be performed between the hours of 7am-5pm.
- 20. Work that requires a utility shut downs impacting a large area will require to be performed between the hours of 11pm-7am.
- 21. University to have first right of refusal of all removed equipment. Contractor to dispose of all equipment.
- 22. Photos provided are typical and not a representation of each location. Contractor to perform field verification.
- 23. Exposed piping shall clean, level and painted white.
- 24. There are no drains required within this project scope.
- 25. Contractor required to provide all supports, bracing, wall angles, etc. needed for installation.
- There will be no flow or alarm devices required within this project scope.
- 27.Remove and replace a minimum of (4) acoustical ceiling as needed for plumbing installation of emergency showers. Provide (qty. 20) replacement ceiling tile for to match existing.
- 28. Where ceiling is to be removed and replaced: Contractor shall coordinate with the University and Carpenter Trade Package for the total tiles/grid removed and replaced. Contractor shall notify the University if greater than what is specified in the Scope of Work.
- 29. Contractor responsible for verification of code compliance for new or existing units when replacing or modifying.
- 30. Include 800 lineal feet of piping with fittings for total scope. Total at completion will result in a net add or credit of actual install.

Governing Codes:

2016 California Administrative Code

2016 California Building Code

2016 California Electrical Code

2016 California Mechanical Code

2016 California Plumbing Code

2016 California Energy Code

Inspection:

- All materials delivered to the project shall be inspected prior to use on the construction site.
- Inspection of rough framing, electrical, mechanical, drywall required prior to covering any work.
- All inspection requests shall be scheduled on the inspection calendar.
- 4. Inspections shall be scheduled 24 hours prior to the date of inspection.
- Special Inspections shall be scheduled 48 hours prior to the date of the inspection.
- Torque testing required for any anchors into the concrete floors or ceilings. Inspector shall witness torque test.

Drawing Index:

001	COVER SHEET
002	GENERAL NOTES
003	BASEMENT LEVEL
004	FIRST FLOOR
005	SECOND FLOOR
006	THIRD FLOOR
007	PRODUCT DATA
008	SCOPE DETAILS
009	SCOPE DETAILS



University of California Merced, California

Project Name:

Science and Engineering Building Emergency Eyewash Correction

Bu**li**ding Number: 0200

08/09/2018 10/10/2018 REBID 10/17/2018 ADD 01

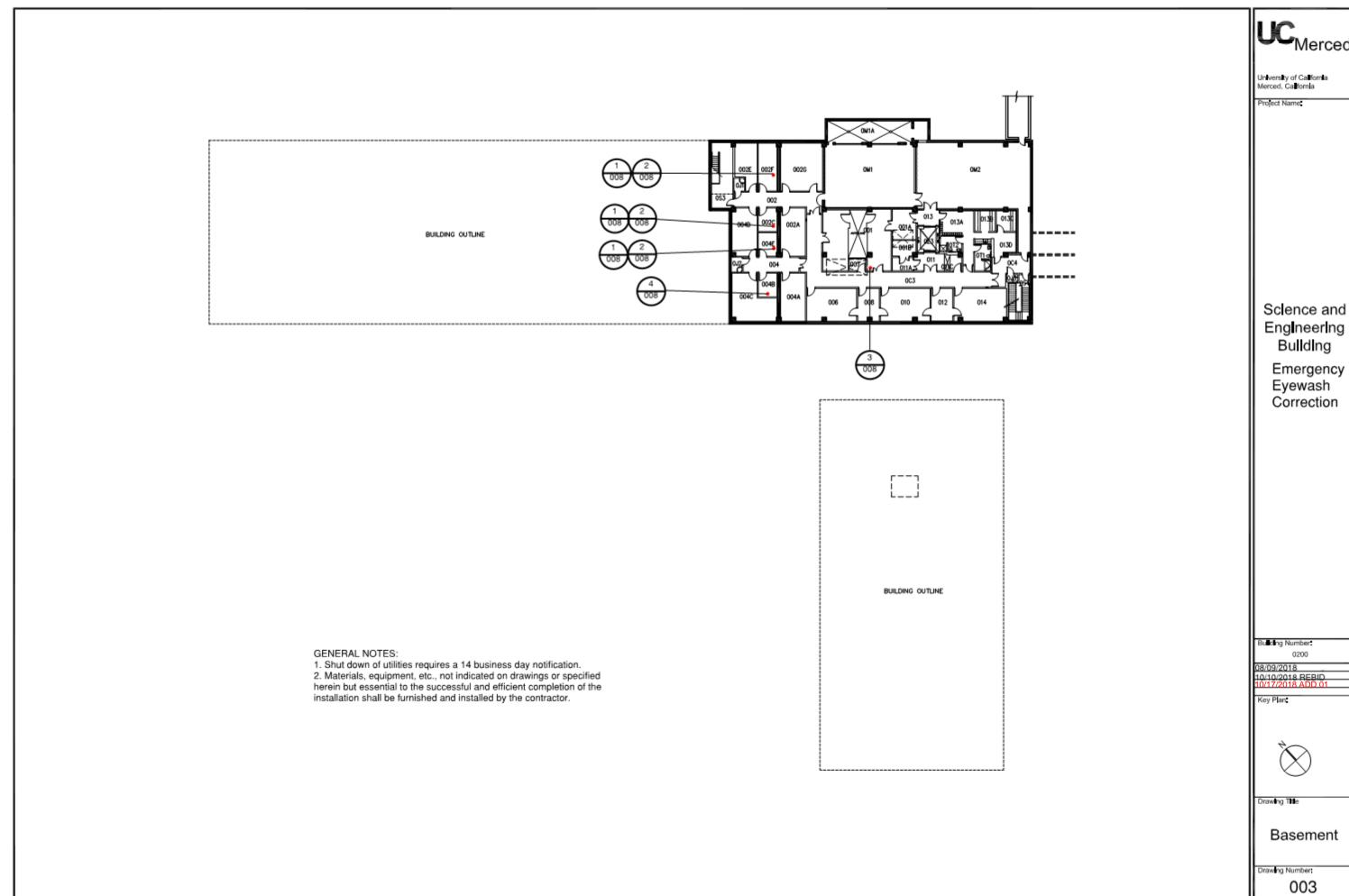
Key Plant



Drawing Title

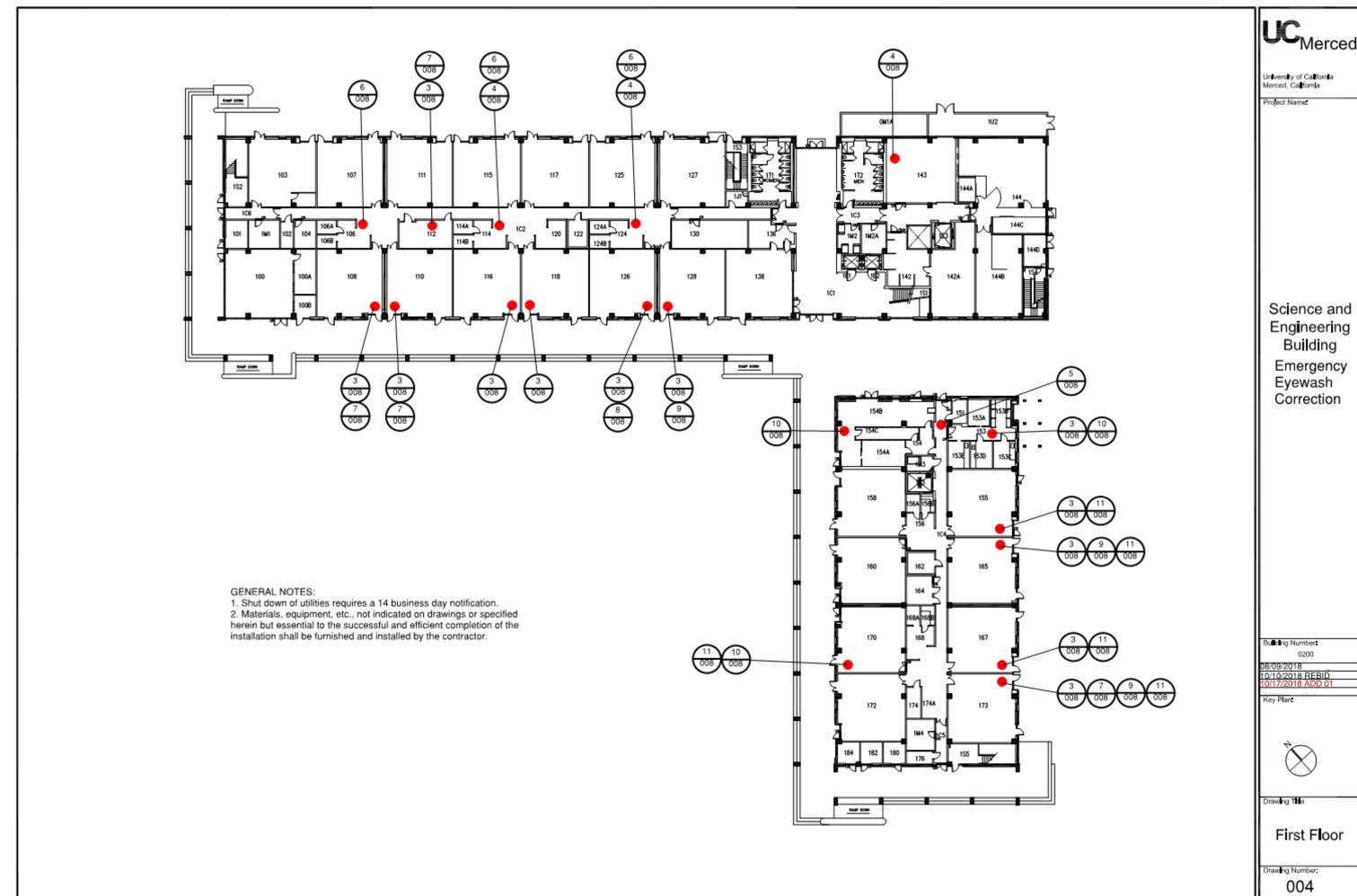
GENERAL NOTES

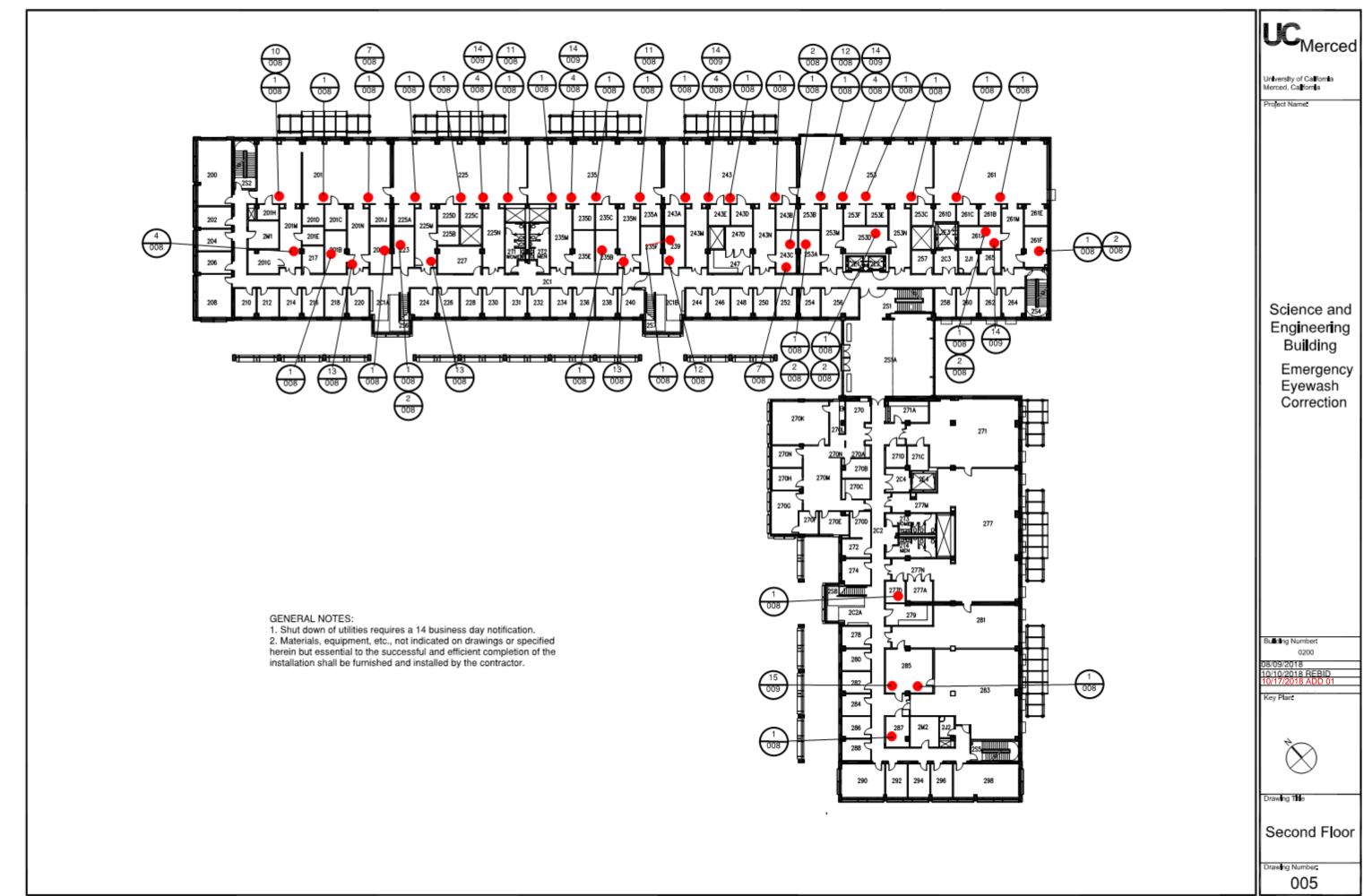
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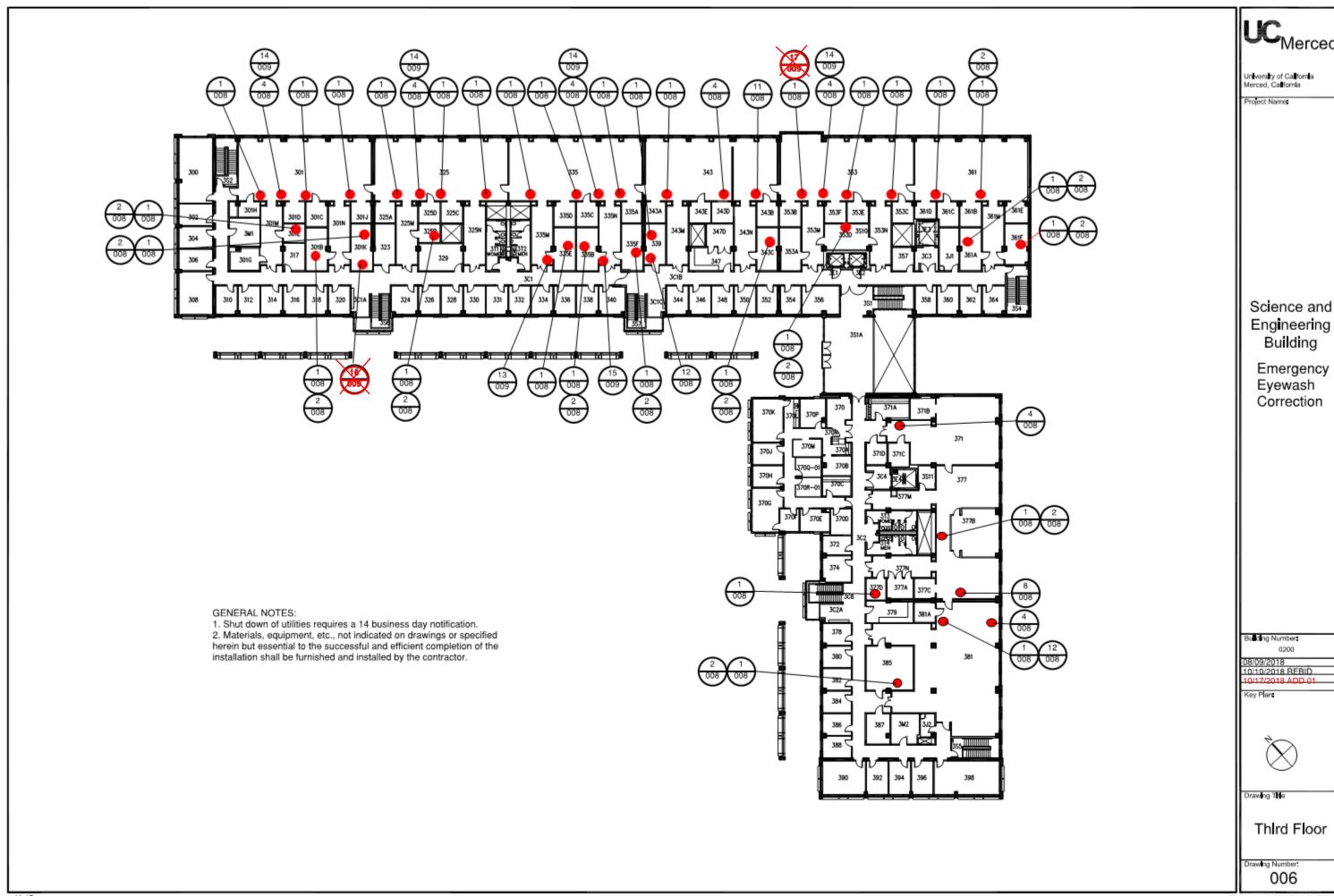


EngIneerIng Bullding

Eyewash Correction

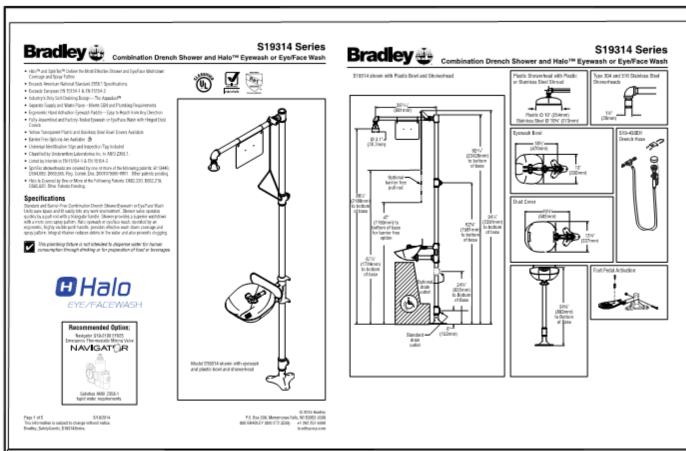




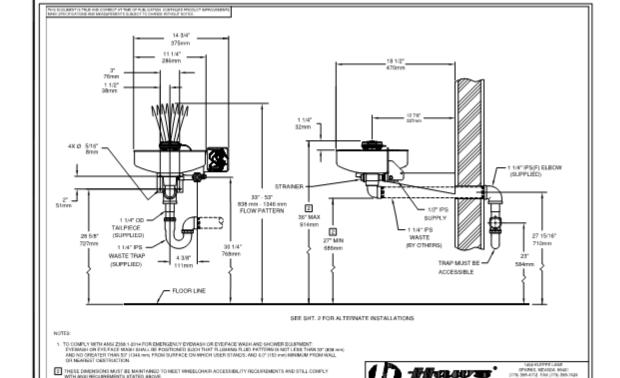


Engineering

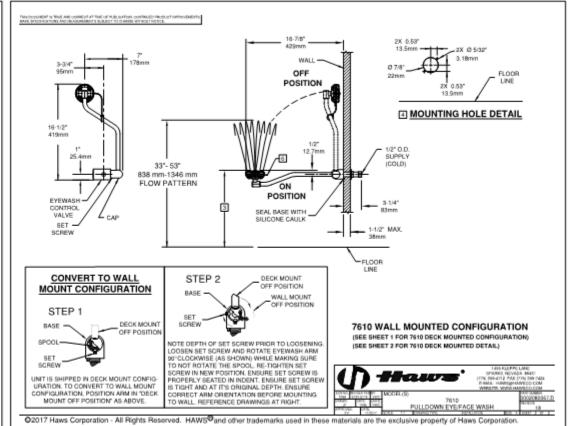
Correction



Combination Shower/ Face Wash Unit - Bradley S19314SBFW



Wall/Corner Mount Face Wash Unit - Haws 7360BTWC



Deck Mount Face Wash Unit - Haws 7610 Pull Down Face Wash



General Notes:

(4 008

008

- 1. Alternate installations offered by manufacturer. Contractor shall submit installation method to University for approval prior to work.
- prior to install.
- 3. Contractor to provide submittals in accordance with Section 01 33 23 for all products and materials to be installed.



University of California Merced, California

Science and Engineering Building Emergency Eyewash Correction

Building Number:

10/10/2018 REBID

Key Plan:



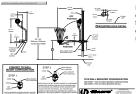
Product Data

Drawing Number: 007

- 2. Information for reference only. Contractor to verify product and materials



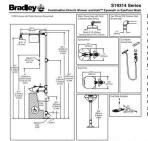
Remove existing sink mount eyewash. Cap with non-corrosive grommet cover where replacement sink mount eyewash is not installed.



Provide and install compliant sink mount face wash unit and all operational and safety signage.



Remove clips that currently hold bar. Replace with self adhesive to comply with ADAAG 309.4. Provide and install shim to fill gap between the handle and back of unit. Contractor to verify depth. Contractor to provide detail for approval prior to installation.



Provide and install emergency shower / face wash combination unit in compliance with ANSI Standards. No drain installation necessary. Where ceiling is to be removed and replaced: Plumbing/Electrical Contractor shall coordinate with the University and Carpenter Trade Package for total tiles/grid removed and replaced. Contractor shall notify the University if greater than specified in the Scope of Work. Contractor to provide and install all operation and safety signage

University of California Merced, California

Project Name:

REMOVE EXISTING SINK MOUNTED EYE WASH



REPLACE EYE WASH WITH FACE WASH



REMOVE CLIPS AT EXISTING EYE WASH



EMERGENCY SHOWER / FACE WASH UNIT





Remove existing recessed eye wash unit. Remove and cap emergency shower head close to deck. Remove wall protrusion. Wall to be flush with adjacent wall. Include framing, patching and painting as needed. Wall finish to match existing. Remove strobe for wall demo. Replace strobe in new wall per code.



INSTALLATION OF CANE RAIL

Provide and install cane rail to limit protrusion into circulation path.



Lower existing shower head to maximum 96" above finished floor.

> Science and Engineering Building Emergency Eyewash Correction

REMOVE EXISTING EYE WASH UNIT AND WALL PROTRUSION



Relocate electrical outlet and data port outside of the emergency shower discharge area. Patch and paint wall, finish to match existing.



Remove and disconnect cover for wet locations.



electrical outlet and data port. Provide and install NEMA3R



YELLOW SAFETY TAPE

Provide and install yellow tape on floor delineating shower discharge area. 800

10

008



RELOCATE ELECTRICAL/DATA





Provide and install operational and safety signage fro all new units. Signage for existing units will be furnished by the Owner and installed under the Carpenter scope of work.



Remove and cap existing shower head above ceiling. Remove associated pull handle from casework.



008

CORNER FACE WASH UNIT



LOWER EXISTING SHOWER HEAD

Provide and install face wash unit. Exposed piping shall be clean, plumb, level and painted white. Waste to spill on floor.



Bullding Number 0200

0/10/2018 REBID

Drawing Title

SCOPE **DETAILS**

rawing Number: 800

800

EMERGENCY SIGNAGE

800

REMOVE EMERGENCY SHOWER

12 800

File Name: 0200-SE1-B-20170821



Lower existing shower handle to meet ADA compliance.



Remove and relocate existing cylindar rack +/- 100 ft. withing existing space



University of California Merced, California

Project Name:

Science and Engineering Building Emergency Eyewash Correction

Bullding Number



SCOPE

DETAILS

Drawing Number; 009

LOWER SHOWER HANDLE



Modify casework to meet ADA compliance.



Existing

Provide and replace existing eye wash bubbler head with face wash spray head.

REPLACE EYE WASH WITH SPRAY HEAD

GENERAL NOTES:

MODIFY CASEWORK

- 1. Shut down of utilities requires a 14 business day notification.
- 2. Materials, equipment, etc., not indicated on drawings or specified herein but essential to the successful and efficient completion of the installation shall be furnished and installed by the contractor.
- 3. Contractor to follow the Fire Protection Impairment Protocol procedures as identified in Division 01.

University of California, Merced SE1 - Emergency Eyewash Correction

Company	Contact	Email	Phone
DMC Construction	David Manualli	dincinerced@ginail.com (209)658-6715	5117-859(502)
Mann Elexuic	mus Raun	JB. Mann Pley L'agon, 1/4, 209 598 2848	209 598 2848
Elite Plumbur	James Bon 2	Bon 2 12-11-12 Jump Barman 309-394-892	909-394-8920
UCM DAS	Keven Smith	/smith 23 6 vcm	209 228-7864
COD. COMPANIES	Carlos PECANO	MATIGATTY INC. COM	(534) 805-3761
AND SAN GAST	Burn Price	byron/2 artisan construction con 209 564 600	209 564 6001
Interwest Coms.	MARK MEYERS	MMEYERS @ Tuter wee thing con 559 903 1567	Con 55-9 903 1567
Vary	MIRK LOTZ	MUZOUM MERLO	209.217.725