Project Name: **UNIVERSITY OF CALIFORNIA, MERCED**
SRE LABORATORY & OFFICE RELOCATION
Project No.: **2020**

ADDENDUM NO. 1

to the

CONTRACT DOCUMENTS

May 31, 2019

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

II. CLARIFICATIONS

1. Q: Is the Fisher Scientific incubator a single or dual chamber?

   A: The Fisher Scientific Incubator, asset tag 09427 is a single chamber unit.

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

1. **Remove and replace 01 11 00.01 Summary of Work – General Mover**
2. **Remove and replace 01 11 00.02 Summary of Work – Microscope Mover**
3. **Remove and replace 01 11 00.03 Summary of Work – Rigging**
4. **Remove and replace 01 11 00.04 Summary of Work – Chemicals**
5. **Remove and replace 01 15 00 Technical Specification**

V. DRAWINGS

SEE 01 15 00 Technical Specifications

VI. ATTACHMENTS

1 Construction Documents Table of Contents
2 01 11 00.01 Summary of Work – General Mover
3 01 11 00.02 Summary of Work – Microscope Mover
4 01 11 00.03 Summary of Work - Rigging
5 01 11 00.04 Summary of Work - Chemicals
6 Jobwalk Sign-In

7 01 15 00 Technical Specifications

LABORATORY EQUIPMENT INVENTORY

MATRICES / CHEMICAL INVENTORY MATRIX

ATTACHMENT 00 — LABORATORY EQUIPMENT MATRIX, GENERAL MOVER

ATTACHMENT 01 — LABORATORY EQUIPMENT MATRIX, RIGGERS

ATTACHMENT 02 — LABORATORY EQUIPMENT MATRIX, MICROSCOPES

ATTACHMENT 03 — CHEMICAL INVENTORY MATRIX

ORIGIN LOCATION DRAWINGS

ATTACHMENT 04 — CAMPUS BUILDING ORIGIN FLOOR PLAN

LABORATORY EQUIPMENT PLACEMENT DRAWINGS

ATTACHMENT 05 — DESTINATION BUILDING FLOOR PLANS

ATTACHMENT 06 — BELLEVUE LOADING DOCK FLOOR PLAN

ATTACHMENT 07 — LABORATORY EQUIPMENT PLACEMENT DRAWING, BIOLOGY CLASS LAB 153A

ATTACHMENT 08 — LABORATORY EQUIPMENT PLACEMENT DRAWING, CHEMISTRY CLASS LAB 150

ATTACHMENT 09 — ~~LABORATORY EQUIPMENT PLACEMENT DRAWING, CHEMISTRY CLAS LAB 152~~ (THIS DOCUMENT HAS BEEN REMOVED)

ATTACHMENT 10 — LABORATORY EQUIPMENT PLACEMENT DRAWING, EHSANI AND CHEN 134

ATTACHMENT 11 — LABORATORY EQUIPMENT PLACEMENT DRAWING, MACHINE SHOP 102

ATTACHMENT 12 — LABORATORY EQUIPMENT PLACEMENT DRAWING, MEHMET BAYKARA LAB 116

ATTACHMENT 13 — LABORATORY EQUIPMENT PLACEMENT DRAWING, SHARED ACOUSTIC LAB 007

CAMPUS LOCATION MAPS & ROOM NUMBERS

ATTACHMENT 14 — CAMPUS LOCATIONS MAP

ATTACHMENT 15 — OTHER LOCATIONS MAP

ATTACHMENT 16 — OFFICE MOVE MATRIX

UNIVERSITY OF CALIFORNIA, MERCED

By: University of California, Merced

_____

Fran Telechea
Executive Director
Design & Construction Management

End of Addendum No. 1

CONSTRUCTION DOCUMENTS
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Volume 1

Division 1 Specifications

Company	Address	Contact	Phone #	email
Brooks		Patrick Snediker		
Clean Harbors		Celeste Rodgers		
Clean Harbors		Brandon Lemke		
Actenviro		Bruce Wescott		
Chipman Relo		Rusty Oit		
Chipman Relo		Jeff Briggs		
Norc-Cal		Howard Hammons		

SECTION 01 11 00.01

SCOPE OF WORK

TRADE PACKAGE .01 - GENERAL MOVER

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 specifications section and all work shown on the drawings and specified documents in complete accordance with the Contract Documents:

	SPECIFICATION SECTION	**SPECIFICATION SECTION**
.01	01 23 00	Alternates
.02	01 15 00	Technical Specifications

2.0 SCOPE OF WORK – SPECIFIC

.1 Description – Bidder is required to provide General Laboratory Moving Services for Laboratory and Office spaces. An inventory was performed for Laboratory Equipment, see Specification 01 15 00 – Technical Specifications. Desktop devices (computers, printers, scanners, etc.), general contents, and all identified laboratory support materials will need to be relocated but is not included in the inventory.

1

.2 The Laboratory Equipment Matrix captures the following information:

a. Origin Building Name and Room Number

b. Destination Building Name and Room Number

c. Equipment Description

d. Manufacturer

e. Model Number

f. Post Move Action (such as balancing, calibration)

g. Disconnect/Reconnect Requirements

.3 Technical Requirements – Refer to the Specification 01 15 00 Technical Specifications Laboratory Equipment Matrix and Equipment Placement Drawings for all destination locations of existing equipment such as; floor, bench top, wall mounted, and mobile types of items that are programmed to move to the new building.

.4 Move materials shall be provided to each lab within 48 hours of notice of award. Bidder shall provide materials needed to provide packing services.

Move Materials shall include the following:

Offices

a. O&I Boxes (auto bottom)
b. Newsprint (paper wrap)
c. Colored Move Labels (shall be removable)
d. Bubble wrap (small bubble)
e. Plastic bags (for computer equipment cords, keyboard and mouse)
f. Monitor sleeves

Laboratories

a. O&I Boxes (auto bottom)
b. 5.0 boxes
c. Packing tape for 5.0 boxes
d. Bubble Wrap (small bubble)
e. Newsprint (paper wrap)
f. Colored Move Labels (shall be removable)
g. Monitor Sleeves
h. Keyboard Baggies
i. Shrink wrap (non-static)
j. All necessary means & methods for conveyance of items (I.e.: moving dollies, skates, etc…)
k. All necessary means & methods to ensure safe conveyance and transport of items.

.5 Office Equipment Relocation

a. Department personnel are responsible to shut down computers and disconnect necessary cabling on all computer, printers, and copier equipment prior to relocation. Department personnel will reconnect all desktop equipment once relocated.
b. Department personnel will move, pack and relocate personal items, art, plants, household appliances (mini refrigerators, coffee makers, microwaves, etc.). Department personnel will clearly label items that are not to be relocated by bidder. (Bidder to provide removable labels)
c. Bidder is not responsible for relocating office furniture.
d. Bidder is required to pack, prep, secure, transport, unload and place all general desk contents (small office items, paper, books, binders, journals, etc.), computers, monitors and printers that have been identified to relocate. Once items are packed, all items shall be protected to ensure no damage occurs during transport. Bidder is not responsible for unpacking boxes.
e. Bidder is responsible for properly labeling the boxes to ensure items are relocated to correct destination location. Bidder shall refer to 01 15 00 Technical Specifications for origin and destination locations.

ALTERNATE 1:

a. Bidder shall provide a credit for University to pack, and label at office origin site.

b. Bidder shall relocate, transport, unload, and secure all items labeled by Department Personnel. All packing material consistent with 2.0.4 shall be provided to Department Personnel to pack all items identified in 2.0.5.c. Move materials shall be provided to each lab within 48 hours of notice of award. If additional packing material is requested, bidder is required to deliver within 24 hours of request.

.6 Laboratory Equipment Relocation

a. Bidder is required to prep, pack, label, secure, transport, unload, and unpack all items listed in Technical Specifications, as well as all desktop devices (computers, printers, scanners, etc.), general contents, and all identified laboratory support materials. Bidder is required to pack, prep, label, secure, transport, unload, and unpack move all general laboratory contents (small equipment and supplies) that may not be tagged or included on Laboratory Equipment Matrices.

b. Bidder shall pack and unpack glassware. Glassware will be cleaned and decontaminated by Department personnel prior to handling by move crews.

c. Once items are packed, bidder shall protect all items to ensure no damage occurs during transport.

d. Bidder is required to coordinate that all keys for corresponding item/s are to be secured with said item so they are not lost during transport

.7 Seismic bracing will be provided by others.

.8 Move Requirements shall be typical of all laboratories and administrative offices programmed to be relocated to the new UC Merced 2A Laboratory Building.

a. The Bidders' Project Manager is required to survey all laboratory areas and associated office spaces prior to each move. It is mandatory that this is done for each laboratory in advance, to assure the necessary equipment, materials and manpower is provided on move day.

b. All Refrigeration (refrigerators, freezer, and -80 freezers) shall be transported by the movers. Handling and transportation of freezers must be within a 45-minute time frame from Origin to destination. It is requested that if Refrigerators and Freezers are move via move trucks, then they cannot be moved with other contents unless located at the back of the truck and moved first off, the truck to destination location.

.9 Specialty Items:

There are a few labs that require special handling of unique items. They are as follows:

a. All balances (refer to items 18-22 in Technical Specification - Equipment Inventory Matrix, Attachment 00) shall be calibrated after being relocated from origin to destination location. Items shall be coordinated directly with manufacturer or third party certified by manufacturer for calibration and testing after installation.

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b. Biosafety Cabinet, (refer to item 186 in Technical Specification Equipment Inventory Matrix) shall be decontaminated before being relocated. In addition, biosafety cabinet shall be tested and calibrated after being relocated from origin to destination location. Item shall be coordinated directly with third party hood certifier for testing and certification after installation. Biosafety cabinet will need to be attached to the stand (item 189) at destination location.

c. Water Purification System (refer to item 188 in Technical Specification Equipment Inventory Matrix) shall be placed on the bench. Installation will be performed by others.

d. Work Bench (refer to item 17 in Technical Specification Equipment inventory matrix) shall be relocated from origin to destination location. Work bench legs will need to be removed and reassembled by Bidder.

e. Incubator (refer to item 187 in Technical Specification Equipment inventory matrix) shall be decontaminated, relocated, unpacked and plugged in. Bidder is responsible for removing packing materials. Item shall be calibrated after being relocated for origin to destination location. Bidder shall coordinate directly with manufacturer or third party certified by manufacturer for calibration and testing after installation.

.10 A map of Campus is included in Technical Specification for informational purposes. Bidder is required to familiarize themselves with each campus loading dock and loading zones, as well as restricted areas as posted.

.11 University Representatives will conduct survey of building access point; elevator, loading docks and stairways, during bidders' mandatory walkthrough for the purpose of identifying path of travel.

3.0 SCOPE OF WORK – GENERAL

Bidder must include in their proposal, commitment and assurances of the following requirements if awarded a contract:

.1 All staff assigned to a project shall wear a company uniform identifying employee's name.

.2 All staff assigned to project shall be able to converse in and understand English sufficiently to effectively conduct business associated with the contract, have been employed by the bidder for a minimum of 6 months, and bonded by the bidder.

Bidder will be required to submit list of all staff assigned to the project, including staff that may provide backup for illness or vacation within 48 hours of receiving a notice of award

.3 Bidder is required to provide the following, in addition to move crew and performs the following responsibilities:

(1) Project Manager: Shall work with identified project team members to perform the following duties: coordination of manufacturer as identified by UC Merced, material deliveries, assure man power is sufficient, and crews are scheduled with bidders' dispatch. The Project Manager is required to oversee logistics of each move, packing, and post move activity.

(1) Lead Project Supervisor: Shall manage move supervisors at origin and destination sites to assure crews follow move schedules.

(2) Move Supervisors: (1) at origin and (1) at destination locations – Works with Lead project Supervisor to assure crew at origin and destination sites have the proper moving equipment and is handling the equipment securely, safely, and professionally.

.4 Bidder required to provide any ramps from/to moving vehicles to/from facilities and protective coverings during inclement weather.

.5 Bidder shall be responsible to remove all dunnage created during the move process. In addition, Bidder shall remove all tools and equipment from the buildings unless requested by client. Bidder is responsible for cleaning surrounding grounds where move vehicles and staging areas are located.

.6 Bidder shall at no time leave any UC Merced property unattended in an area construed to be public or have access by student and other personnel. All University property shall be stored and locked at the end of every working day. Any reported loss of property shall be evaluated and if Bidder is found to be negligent, contractor shall be responsible to replace item at his cost.

.7 Bidder shall guarantee adequate manpower, trucks and equipment is available to perform the services noted in these documents and bidders' walk-through. Bidder is also required to explain total number of full-time permanent personnel and number of subcontractors or temporary personnel and sources from which personnel are hired.

.8 Bidder shall at no time leave diesel trucks operating for extensive periods of time at origin and destination. Bidder is responsible to be as quiet as possible during the move process so as not to interfere with campus functions. Playing of music is not acceptable by movers during the move process.

.9 The type of trucks to be used to transport materials must have air ride suspension. Due to the tight quarters on campus and pedestrian traffic, contractor cannot use tractor trailers. Bob-tail trucks with a box length no greater than 24 feet are required.

.10 Bidder is responsible to protect all finishes from damage during the moves. The condition of the space will be recorded by University Representative through Punch List and photographs. Any damage to installed furniture systems, shelving systems, corridors, doors, walls, finish flooring, millwork, elevators, and ceilings, light fixtures that requires repair, repainting or refinishing will be back charged to the Bidder.

.11 Bidder's crews are required to arrive on-site by 8:00am and leave no later than 5:00pm, Monday through Friday.

SECTION 01 11 00.02

SCOPE OF WORK

TRADE PACKAGE .02 – MICROSCOPE MOVER

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 specifications section and all work shown on the drawings and specified documents in complete accordance with the Contract Documents:

	SPECIFICATION SECTION	**SPECIFICATION SECTION**
.01	01 15 00	Technical Specifications

2.0 SCOPE OF WORK – SPECIFIC

.1 Description – Bidder is required to provide Laboratory Moving Services for Laboratory Microscopes. An inventory was performed for Laboratory Equipment, see Technical Specifications for all Laboratory Microscopes identified to relocate. In addition, desktop devices (computers, printers, scanners, etc.), general contents, and all identified laboratory support materials.

.2 The Laboratory Equipment Inventory Matrix captures the following information:

a. Origin Building Name and Room Number

b. Destination Building Name and Room Number

c. Equipment Description

d. Manufacturer

e. Model Number

f. Post Move Action (such as balancing, calibration)

g. Disconnect/Reconnect Requirements

.3 Technical Requirements – Refer to the Laboratory Equipment Inventory Matrix and Equipment Placement Drawings for all destination locations of existing equipment such as: floor, bench top, wall mounted, and mobile types of items that are programmed to move to the new building.

.4 Move materials shall be provided to each lab within 48 hours of notice of award. Bidder shall provide materials needed to provide packing services.

Move Materials shall include the following:

Laboratories

a. O&I Boxes (auto bottom)
b. 5.0 boxes
c. Packing tape for 5.0 boxes
d. Bubble Wrap (small bubble)
e. Newsprint (paper wrap)
f. Colored Move Labels (shall be removable)
g. Monitor Sleeves
h. Keyboard Baggies
i. Shrink wrap (non-static)
j. All necessary means & methods for conveyance of items (I.e.: moving dollies, skates, etc…)
k. All necessary means & methods to ensure safe conveyance and transport of items.

.5 Laboratory Microscopes Relocation

a. Bidder is required to prep, pack, label, secure, transport, unload, and unpack all items listed Technical Specifications from origin location to destination.
b. Once items are packed, bidder shall protect all items to ensure no damage occurs during transport.

.6 Seismic bracing will be provided by others.

.7 Move Requirements shall be typical of all laboratories and administrative offices programmed to be relocated to the new UC Merced 2A Laboratory Building.

a. The Bidders' Project Manager is required to survey all laboratory areas and associated office spaces prior to each move. It is mandatory that this is done for each laboratory in advance, to assure the necessary equipment, materials and manpower is provided on move day.
b. Equipment items; machine carts, book carts, open-tops, dollies, lifts and hoists are to be moved into the new locations first, with boxes following.

.8 A map of Campus is included in Technical Specifications for informational purposes. Bidder is required to familiarize themselves with each campus loading dock and loading zones, as well as restricted areas as posted.

.9 University Representatives will conduct survey of building access point; elevator, loading docks and stairways, during bidders' mandatory walkthrough for the purpose of identifying path of travel.

.10 Special Items to Relocate – There are a few labs that require special handling of unique items. They are as follows:

a. Baykara Laboratory – Atomic Force Microscope and Electronics (refer to Attachment 02 Technical Specification)

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b. Bidder is responsible for contacting the manufacturer for move prep and following manufacturer requirements for relocation.

c. Atomic Force Barble Balance Stand (asset # 03331) and Atomic Force Microscope (asset # 03319) are bolted together and need to be relocated as such. Bidder is responsible for relocation and calibration.

d. Bidder shall carefully pack, prep, and transport items. Items shall be coordinated directly with manufacturer or third party certified by manufacturer for calibration and testing after installation by Bidder.

3.0 SCOPE OF WORK – SPECIALTY MICROSCOPE MOVE & TECHNICAL SERVICES

Bidder must include in their proposal, commitment and assurances of the following requirements if awarded a contract:

.1 All staff assigned to a project shall wear a company uniform identifying employee's name.

.2 All staff assigned to project shall be able to converse in and understand English sufficiently to effectively conduct business associated with the contract, have been employed by the bidder for a minimum of 6 months, and bonded by the bidder.

Bidder will be required to submit in advance a list of all staff assigned to the project, including staff that may provide backup for illness or vacation.

.3 Bidder is required to provide the following, in addition to move crew and performs the following responsibilities:

(1) Lead Project Supervisor: Shall manage move supervisors at origin and destination sites to assure crews follow move schedules.

Works with Lead project Supervisor to assure crew at origin and destination sites have the proper moving equipment and is handling the equipment securely, safely, and professionally.

.4 Bidder required to provide any ramps from/to moving vehicles to/from facilities and protective coverings during inclement weather.

.5 Bidder shall be responsible to remove all dunnage created during the move process. In addition, Bidder shall remove all tools and equipment from the buildings unless requested by client. Bidder is responsible for cleaning surrounding grounds where move vehicles and staging areas are located.

.6 Bidder shall at no time leave any UC Merced property unattended in an area construed to be public or have access by student and other personnel. All University property shall be stored and locked at the end of every working day. Any reported loss of property shall be evaluated and if Bidder is found to be negligent, contractor shall be responsible to replace item at his cost.

.7 Bidder shall guarantee adequate manpower, trucks and equipment is available to perform the services noted in these documents and bidders' walk-through. Bidder is also required to explain total number of full-time permanent personnel and number of subcontractors or temporary personnel and sources from which personnel are hired.

.8 Bidder shall at no time leave diesel trucks operating for extensive periods of time at origin and destination. Bidder is responsible to be as quiet as possible during the move process so as not to interfere with campus functions. Playing of music is not acceptable by movers during the move process.

.9 The type of trucks to be used to transport materials must have air ride suspension. Due to the tight quarters on campus and pedestrian traffic, contractor cannot use tractor trailers. Bob-tail trucks with a box length no greater than 24 feet are required.

.10 Bidder is responsible to protect all finishes from damage during the moves. The condition of the space will be recorded by Criterion and UC Merced through Punch List and photographs. Any damage to installed furniture systems, shelving systems, corridors, doors, walls, finish flooring, millwork, elevators, and ceilings, light fixtures that requires repair, repainting or refinishing will be back charged to the Move Contractor.

.11 Bidder's crews are required to arrive on-site by 8:00am and leave no later than 5:00pm, Monday through Friday.

SECTION 01 11 00.03

SCOPE OF WORK

TRADE PACKAGE .03 – RIGGING

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 specifications section and all work shown on the drawings and specified documents in complete accordance with the Contract Documents:

	SPECIFICATION SECTION	**SPECIFICATION SECTION**
.01	01 15 00	Technical Specifications

2.0 SCOPE OF WORK – SPECIFIC

.1 Description – Bidder is required to provide Rigging Services for specialized machinery. An inventory was performed for Laboratory Equipment & Machinery, see Technical Specifications for all Laboratory items identified to relocate.

.2 The Laboratory Equipment Inventory Matrix captures the following information:

a. Origin Building Name and Room Number

b. Destination Building Name and Room Number

c. Equipment Description

d. Manufacturer

e. Model Number

f. Post Move Action (such as balancing, calibration)

g. Disconnect/Reconnect Requirements

.3 Technical Requirements – Refer to the Technical Specifications Laboratory Equipment Inventory Matrix and Equipment & Machinery Placement Drawings for all destination locations of existing equipment such as; floor, bench top, wall mounted, and mobile types of items that are programmed to move to the new building.

.4 Move materials shall be provided to each lab within 48 hours of notice of award. Bidder shall provide materials needed to provide packing services.

Move Materials shall include the following:

Machine Shop

a. All necessary materials required to safely and successfully prepare the machinery shall be provided on site through the duration of the move.

b. All necessary means & methods for conveyance of items (I.e.: moving dollies, skates, etc…)

c. All necessary means & methods to ensure safe conveyance and transport of items.

.5 Seismic bracing will be provided by others.

.6 Move Requirements shall be typical of all laboratories and administrative offices programmed to be relocated to the new UC Merced 2A Laboratory Building.

a. The Bidders' Project Manager is required to survey all laboratory areas and associated office spaces prior to each move. It is mandatory that this is done for each laboratory in advance, to assure the necessary equipment, materials and manpower is provided on move day.

.7 A map of Campus is included in Technical Specifications for informational purposes. Bidder is required to familiarize themselves with each campus loading dock and loading zones, as well as restricted areas as posted.

.8 University Representatives will conduct survey of building access point; elevator, loading docks and stairways, during bidders' mandatory walkthrough for the purpose of identifying path of travel.

.9 Special Items to Relocate – There are a few labs that require special handling of unique items. They are as follows:

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- Two CNC Fabrication Machines by Tormach that include manufacturer made lift bars (refer to items 3 & 4 on Equipment Inventory Matrix Attachment 01). Items shall be coordinated directly with manufacturer or third party certified by manufacturer for calibration and testing after installation. Final connections for CNC will be made by others. Bidder is responsible for contacting the manufacturer for any move prep and completing the move prep instruction.
- One (1) Wind Tunnel by Sentec Dynamics (refer to item 1 on Equipment Inventory Matrix Attachment 01). Wind tunnel will be in original crates for transport. Bidder is not responsible for assembling wind tunnel.

3.0 SCOPE OF WORK – GENERAL

Bidder must include in their proposal, commitment and assurances of the following requirements if awarded a contract:

.1 All staff assigned to a project shall wear a company uniform identifying employee's name.

.2 All staff assigned to project shall be able to converse in and understand English sufficiently to effectively conduct business associated with the contract, have been employed by the bidder for a minimum of 6 months, and bonded by the bidder.

Bidder will be required to submit in advance a list of all staff assigned to the project, including staff that may provide backup for illness or vacation.

.3 Bidder is required to provide the following, in addition to move crew and performs the following responsibilities:

(1) Lead Project Supervisor: Shall manage move supervisors at origin and destination sites to assure crews follow move schedules.

.4 Bidder required to provide any ramps from/to moving vehicles to/from facilities and protective coverings during inclement weather.

.5 Bidder shall be responsible to remove all dunnage created during the move process. In addition, Bidder shall remove all tools and equipment from the buildings unless requested by client. Bidder is responsible for cleaning surrounding grounds where move vehicles and staging areas are located.

.6 Bidder shall at no time leave any UC Merced property unattended in an area construed to be public or have access by student and other personnel. All University property shall be stored and locked at the end of every working day. Any reported loss of property shall be evaluated and if Bidder is found to be negligent, contractor shall be responsible to replace item at his cost.

.7 Bidder shall guarantee adequate manpower, trucks and equipment is available to perform the services noted in these documents and bidders' walk-through. Bidder is also required to explain total number of full-time permanent personnel and number of subcontractors or temporary personnel and sources from which personnel are hired.

.8 Bidder shall at no time leave diesel trucks operating for extensive periods of time at origin and destination. Bidder is responsible to be as quiet as possible during the move process so as not to interfere with campus functions. Playing of music is not acceptable by movers during the move process.

.9 The type of trucks to be used to transport materials must have air ride suspension. Due to the tight quarters on campus and pedestrian traffic, contractor cannot use tractor trailers. Bob-tail trucks with a box length no greater than 24 feet are required.

.10 Bidder is responsible to protect all finishes from damage during the moves. The condition of the space will be recorded by Criterion and UC Merced through Punch List and photographs. Any damage to installed furniture systems, shelving systems, corridors, doors, walls, finish flooring, millwork, elevators, and ceilings, light fixtures that requires repair, repainting or refinishing will be back charged to the Move Contractor.

.11 Bidder's crews are required to arrive on-site by 8:00am and leave no later than 5:00pm, Monday through Friday.

SECTION 01 11 00.04

SCOPE OF WORK

TRADE PACKAGE .04 – CHEMICAL MOVER

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 specifications section and all work shown on the drawings and specified documents in complete accordance with the Contract Documents:

	SPECIFICATION SECTION	**SPECIFICATION SECTION**
.01	01 15 00	Technical Specifications

2.0 SCOPE OF WORK – SPECIFIC

.1 Description – Bidder is required to provide Laboratory Chemical Moving Services for Laboratory spaces. An inventory was provided by University of California, Merced for chemicals kept in laboratories on site which will relocate.

.2 The Laboratory Chemical Inventory Matrix captures the following information:

a. Chemical Name
b. CAS
c. Molecular Formula
d. Physical State
e. Hazard
f. Inventory Name
g. Building Location
h. Floor, Room and Sublocation
i. Size, Amount, Units
j. Container Type
k. Concentration
l. Solvent
m. Received Date, Open Date and Barcode

.3 Chemical Inventory – Refer to the Laboratory Chemicals outlined in the Technical Specifications Chemical Inventory Matrix moving from origin site to destination site.

.4 Packing Materials

a. All necessary means & methods for preparation and packing materials for all chemicals identified to relocate.

b. All necessary means & methods for conveyance of items from origin to destination and for disposal of non-compliant materials.

.5 Bidder to assess and identify of non-compliant chemical inventory and related materials in each laboratory.

a. Chemist to prepare, pack and arrange for transport to dispose all chemical materials identified as non-compliant (I.e.: expired, not properly stored or does not meet local, state or federal guidelines for safe keeping)

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.6 Bidder is expected to place chemicals in appropriate chemical storage cabinets. Areas will be identified during the move walk.

.7 Bidder is responsible for ensuring chemicals and cylinders are properly closed and ready for transport.

.8 Cylinders shall be properly restrained at destination location.

.9 Bidder is responsible for disconnecting and reconnecting the cylinders

.10 Move Requirements shall be typical of all laboratories programmed to be relocated to the new UC Merced 2A Laboratory Building.

a. The Bidders' Project Manager is required to survey all laboratory areas spaces prior to each move. It is mandatory that this is done for each laboratory in advance, to assure the necessary equipment, materials and manpower is provided on move day.

.11 A map of Campus is included in Technical Specification for informational purposes. Bidder is required to familiarize themselves with each campus loading dock and loading zones, as well as restricted areas as posted.

.12 University Representatives will conduct survey of building access point; elevator, loading docks and stairways, during bidders' mandatory walkthrough for the purpose of identifying path of travel.

a. Bidder shall provide their recommended route for chemical transport; to be approved by University Representatives.

3.0 SCOPE OF WORK – GENERAL

Bidder must include in their proposal, commitment and assurances of the following requirements if awarded a contract:

.1 All staff assigned to a project shall wear a company uniform identifying employee's name.

.2 All staff assigned to project shall be able to converse in and understand English sufficiently to effectively conduct business associated with the contract, have been employed by the bidder for a minimum of 6 months, and bonded by the bidder.

Bidder will be required to submit in advance a list of all staff assigned to the project, including staff that may provide backup for illness or vacation.

.3 Bidder is required to provide the following, in addition to move crew and performs the following responsibilities:

(1) Project Manager: Shall work with identified project team members to perform the following duties: coordination of manufacturer as identified by UC Merced, material deliveries, assure man power is sufficient, and crews are scheduled with bidders' dispatch. The Project Manager is required to oversee logistics of each move, packing, and post move activity.

(1) Lead Project Supervisor: Shall manage move supervisors at origin and destination sites to assure crews follow move schedules.

(1) Chemist: Shall be appropriately credentialed and highly trained personnel to provide onsite presence and oversight of chemical preparation, packing and relocation.

.4 Bidder required to provide any ramps from/to moving vehicles to/from facilities and protective coverings during inclement weather.

.5 Bidder shall be responsible to remove all dunnage created during the move process. In addition, Bidder shall remove all tools and equipment from the buildings unless requested by client. Bidder is responsible for cleaning surrounding grounds where move vehicles and staging areas are located.

.6 Bidder shall at no time leave any UC Merced property unattended in an area construed to be public or have access by student and other personnel. All University property shall be stored and locked at the end of every working day. Any reported loss of property shall be evaluated and if Bidder is found to be negligent, contractor shall be responsible to replace item at his cost.

.7 Bidder shall guarantee adequate manpower, trucks and equipment is available to perform the services noted in these documents and bidders' walk-through. Bidder is also required to explain total number of full-time permanent personnel and number of subcontractors or temporary personnel and sources from which personnel are hired.

.8 Bidder shall at no time leave diesel trucks operating for extensive periods of time at origin and destination. Bidder is responsible to be as quiet as possible during the move process so as not to interfere with campus functions. Playing of music is not acceptable by movers during the move process.

.9 The type of trucks to be used to transport materials must have air ride suspension. Due to the tight quarters on campus and pedestrian traffic, contractor cannot use tractor trailers. Bob-tail trucks with a box length no greater than 24 feet are required.

.10 Bidder is responsible to protect all finishes from damage during the moves. The condition of the space will be recorded by Criterion and UC Merced through Punch List and photographs. Any damage to installed furniture systems, shelving systems, corridors, doors, walls, finish flooring,

millwork, elevators, and ceilings, light fixtures that requires repair, repainting or refinishing will be back charged to the Move Contractor.

.11 Bidder's crews are required to arrive on-site by 8:00am and leave no later than 5:00pm, Monday through Friday.

01 15 00 TECHNICAL SPECIFICATIONS

LABORATORY EQUIPMENT INVENTORY MATRICES / CHEMICAL INVENTORY MATRIX

ATTACHMENT 00	LABORATORY EQUIPMENT MATRIX, GENERAL MOVER
ATTACHMENT 01	LABORATORY EQUIPMENT MATRIX, RIGGERS
ATTACHMENT 02	LABORATORY EQUIPMENT MATRIX, MICROSCOPES
ATTACHMENT 03	CHEMICAL INVENTORY MATRIX

ORIGIN LOCATION DRAWINGS

ATTACHMENT 04	CAMPUS BUILDING ORIGIN FLOOR PLAN

LABORATORY EQUIPMENT PLACEMENT DRAWINGS

ATTACHMENT 05	DESTINATION BUILDING FLOOR PLANS
ATTACHMENT 06	BELLEVUE LOADING DOCK FLOOR PLAN
ATTACHMENT 07	LABORATORY EQUIPMENT PLACEMENT DRAWING, BIOLOGY CLASS LAB 153A
ATTACHMENT 08	LABORATORY EQUIPMENT PLACEMENT DRAWING, CHEMISTRY CLASS LAB 150
~~ATTACHMENT 09~~	~~LABORATORY EQUIPMENT PLACEMENT DRAWING, CHEMISTRY CLAS LAB 152~~ (THIS DOCUMENT HAS BEEN REMOVED)
ATTACHMENT 10	LABORATORY EQUIPMENT PLACEMENT DRAWING, EHSANI AND CHEN 134
ATTACHMENT 11	LABORATORY EQUIPMENT PLACEMENT DRAWING, MACHINE SHOP 102
ATTACHMENT 12	LABORATORY EQUIPMENT PLACEMENT DRAWING, MEHMET BAYKARA LAB 116
ATTACHMENT 13	LABORATORY EQUIPMENT PLACEMENT DRAWING, SHARED ACOUSTIC LAB 007

CAMPUS LOCATION MAPS & ROOM NUMBERS

ATTACHMENT 14	CAMPUS LOCATIONS MAP
ATTACHMENT 15	OTHER LOCATIONS MAP
ATTACHMENT 16	OFFICE MOVE MATRIX

NO.	ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	PRE-MOVE ACTION	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
1	Sun Lab	SE2	230C	2A	007	Blue Toolbox	General Mover	n/a	n/a	n/a	Panion		04096
2	Sun Lab	SE2	230C	2A	007	Aluminum Plate	General Mover	n/a	n/a	n/a			'04099
3	Sun Lab	SE2	230C	2A	007	Aluminim Plate	General Mover	n/a	n/a	n/a			'04100
4	Sun Lab	SE2	230C	2A	007	Aluminum Plate	General Mover	n/a	n/a	n/a			'04101
5	Sun Lab	SE2	230C	2A	007	Pneumatic Actuator	General Mover	n/a	n/a	n/a	Parker		'04105
6	Sun Lab	SE2	230C	2A	007	Linear Motion Actuator	General Mover	n/a	n/a	n/a	IDC		'04106
7	Sun Lab	SE2	230C	2A	007	Vertical Drill	General Mover	n/a	n/a	n/a	Craftsman		'04110
8	Sun Lab	SE2	230C	2A	007	Motor With Standing Frame	General Mover	n/a	n/a	n/a	Baldor		'04112
9	Sun Lab	SE2	230C	2A	007	Wooden Blue Box with wheels	General Mover	n/a	n/a	n/a			'04121
10	Sun Lab	SE2	230C	2A	007	Wind tunnel blue box	General Mover	n/a	n/a	n/a			'04122
11	Sun Lab	SE2	230C	2A	007	SRV motor with test equipment	General Mover	n/a	n/a	n/a	Quanser		'04123
12	Sun Lab	SE2	230C	2A	007	Wooden acoustic box with wheels	General Mover	n/a	n/a	n/a			'04126
13	Sun Lab	SE2	230C	2A	007	White acoustic Box with wheels	General Mover	n/a	n/a	n/a			'04127
14	Sun Lab	SE2	230C	2A	007	Monitor	General Mover	n/a	n/a	n/a	Dell		'04137
15	Sun Lab	SE2	230C	2A	007	File drawer	General Mover	n/a	n/a	n/a	Staples		'04138
16	Sun Lab	SE2	230C	2A	007	File drawer	General Mover	n/a	n/a	n/a	Staples		'04139
17	Sun Lab	Castle 1200	106A	2A	007	Wooden Workbench, 144"x48"x35.25"	General Mover	n/a	n/a	n/a			09235
18	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	Calibration	n/a		Mettler Toledo	07078
19	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	Calibration	n/a		Mettler Toledo	07079
20	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	Calibration	n/a		Mettler Toledo	07083
21	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	Calibration	n/a		Mettler Toledo	07084
22	Chem Class Lab	SE1	110	2A	150	Balance	General Mover	n/a	Calibration	n/a		Mettler Toledo	07085
23	Chem Class Lab	SE1	110	2A	150	pH Meter (35)	General Mover	n/a	n/a	n/a			TBD
24	Chem Class Lab	SE1	110	2A	150	Monitor, LCD, for computer (10)	General Mover	n/a	n/a	n/a			TBD
25	Chem Class Lab	SE1	110	2A	150	Multimeter, digital (12)	General Mover	n/a	n/a	n/a			TBD
26	Chem Class Lab	SE1	110	2A	150	Plate, stirring, hot, 7"x7" (20)	General Mover	n/a	n/a	n/a			TBD
27	Chem Class Lab	SE1	110	2A	151	Rack, rolling, metal wire	General Mover	n/a	n/a	n/a			09224
28	Chem Class Lab	SE1	110	2A	150	Supplies (including glassware)	General Mover	n/a	n/a	n/a			TBD
29	Chem Class Lab	SE1	110	2A	150	Oven, drying, 0.6 cu. ft.	General Mover	n/a	n/a	n/a			09225
30	Chem Class Lab	SE1	110	2A	150	Bag, zipper, plastic, 1 gallon (2)	General Mover	n/a	n/a/	n/a			n/a
31	Chem Class Lab	SE1	110	2A	150	Bag, zipper, plastic, sandwich size	General Mover	n/a	n/a/	n/a			n/a
32	Chem Class Lab	SE1	110	2A	150	Balance, 310 g capacity (5)	General Mover	n/a	n/a/	n/a		Mettler Toledo	n/a
33	Chem Class Lab	SE1	110	2A	150	Bar, stir, cylindrical, 1"x3/8" (24)	General Mover	n/a	n/a/	n/a		Fisher	n/a
34	Chem Class Lab	SE1	110	2A	150	Bar, stir, polygon, 1/2"X1/8" (11)	General Mover	n/a	n/a/	n/a		Fisher	n/a
35	Chem Class Lab	SE1	110	2A	150	Bar, stir, polygon, 2" (8)	General Mover	n/a	n/a/	n/a		Fisher	n/a
36	Chem Class Lab	SE1	110	2A	150	Base, black, 4 x 6 inch, for support stand (small) (4)	General Mover	n/a	n/a/	n/a			n/a
37	Chem Class Lab	SE1	110	2A	150	Base, black, 6 x 10 inch, for support stand (large) (4)	General Mover	n/a	n/a/	n/a			n/a
38	Chem Class Lab	SE1	110	2A	150	Base, plastic, yellow for 10 mL graduated cylinder (6)	General Mover	n/a	n/a/	n/a			n/a
39	Chem Class Lab	SE1	110	2A	150	Base, plastic, yellow for 25 mL graduated cylinder (2)	General Mover	n/a	n/a/	n/a			n/a
40	Chem Class Lab	SE1	110	2A	150	Battery, 9 V (20)	General Mover	n/a	n/a/	n/a			n/a
41	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 100 mL (52)	General Mover	n/a	n/a/	n/a		VWR	n/a
42	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 1000 mL (25)	General Mover	n/a	n/a/	n/a		VWR	n/a
43	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 150 mL (52)	General Mover	n/a	n/a/	n/a		VWR	n/a
44	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 250 mL (32)	General Mover	n/a	n/a/	n/a		VWR	n/a
45	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 400 mL (32)	General Mover	n/a	n/a/	n/a		VWR	n/a
46	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 50 mL (52)	General Mover	n/a	n/a/	n/a		VWR	n/a
47	Chem Class Lab	SE1	110	2A	150	Beaker, glass, 600 mL (32)	General Mover	n/a	n/a/	n/a		VWR	n/a
48	Chem Class Lab	SE1	110	2A	150	Beaker, plastic, 1 L (3)	General Mover	n/a	n/a/	n/a		Corning	n/a
49	Chem Class Lab	SE1	110	2A	150	Beaker, polypropylene (PP), 50 mL (639)	General Mover	n/a	n/a/	n/a		Nalgene	n/a
50	Chem Class Lab	SE1	110	2A	150	Beaker, polypropylene (PP), 100 mL (95)	General Mover	n/a	n/a/	n/a		Fisher	n/a
51	Chem Class Lab	SE1	110	2A	150	Beaker, polypropylene (PP), 600 mL (21)	General Mover	n/a	n/a/	n/a			n/a
52	Chem Class Lab	SE1	110	2A	150	Bin, blue, small (8)	General Mover	n/a	n/a/	n/a			n/a
53	Chem Class Lab	SE1	110	2A	150	Bin, blue, large (5)	General Mover	n/a	n/a/	n/a		Akro	n/a
54	Chem Class Lab	SE1	110	2A	150	Bin, prep, CHEM 010 (9)	General Mover	n/a	n/a/	n/a			n/a
55	Chem Class Lab	SE1	110	2A	150	Bin, "Digital Multimeter" (contains multimeters, banana cables, and alligator clips) (1)	General Mover	n/a	n/a/	n/a			n/a
56	Chem Class Lab	SE1	110	2A	150	Blanket, fire (1)	General Mover	n/a	n/a/	n/a		Bel-Art	n/a
57	Chem Class Lab	SE1	110	2A	150	Binder, black, "CHEM 010 MSDS" (1)	General Mover	n/a	n/a/	n/a			n/a
58	Chem Class Lab	SE1	110	2A	150	Bottle, glass, 125 mL, graduated (6)	General Mover	n/a	n/a/	n/a		Wheaton	n/a
59	Chem Class Lab	SE1	110	2A	150	Bottle, HDPE, white, 4 L (2)	General Mover	n/a	n/a/	n/a		Thermo Scientific	n/a
60	Chem Class Lab	SE1	110	2A	150	Bottle, LDPE, dropper, 30 mL (10)	General Mover	n/a	n/a/	n/a		Nalgene	n/a
61	Chem Class Lab	SE1	110	2A	150	Bottle, wash, for distilled water (24)	General Mover	n/a	n/a/	n/a		Thermo Scientific	n/a
62	Chem Class Lab	SE1	110	2A	150	Broom, dust, blue, w/ pan (1)	General Mover	n/a	n/a/	n/a			n/a
63	Chem Class Lab	SE1	110	2A	150	Brush, balance, 1" (5)	General Mover	n/a	n/a/	n/a		Fisher	n/a
64	Chem Class Lab	SE1	110	2A	150	Brush, test tube, ½" dia. (6)	General Mover	n/a	n/a/	n/a			n/a
65	Chem Class Lab	SE1	110	2A	150	Bulb, disposable, latex, 1 mL, for Pasteur pipets (82)	General Mover	n/a	n/a/	n/a			n/a
66	Chem Class Lab	SE1	110	2A	150	Bulb, pipet, blue (28)	General Mover	n/a	n/a/	n/a		Bel-Art	n/a
67	Chem Class Lab	SE1	110	2A	150	Buret, glass, 50 mL, w/ Teflon stopcock (20)	General Mover	n/a	n/a/	n/a		Corning	n/a
68	Chem Class Lab	SE1	110	2A	150	Cable, banana, black, 24" (6)	General Mover	n/a	n/a/	n/a			n/a
69	Chem Class Lab	SE1	110	2A	150	Cable, banana, red, 24" (10)	General Mover	n/a	n/a/	n/a			n/a
70	Chem Class Lab	SE1	110	2A	150	Cable, banana, black & red (pair), 24" (10)	General Mover	n/a	n/a/	n/a		VWR	n/a
71	Chem Class Lab	SE1	110	2A	150	Cable, power, for stirring hot plate (5)	General Mover	n/a	n/a/	n/a			n/a
72	Chem Class Lab	SE1	110	2A	150	Cable, security, black, w/ lock and accessories (16)	General Mover	n/a	n/a/	n/a		Flexguard	n/a
73	Chem Class Lab	SE1	110	2A	150	Chisel (1)	General Mover	n/a	n/a/	n/a			n/a
74	Chem Class Lab	SE1	110	2A	150	Clamp, 2-prong, large (6)	General Mover	n/a	n/a/	n/a		VWR	n/a
75	Chem Class Lab	SE1	110	2A	150	Clamp, 2-prong, medium (26)	General Mover	n/a	n/a/	n/a		VWR	n/a
76	Chem Class Lab	SE1	110	2A	150	Clamp, buret, double (25)	General Mover	n/a	n/a/	n/a		Fisher	n/a
77	Chem Class Lab	SE1	110	2A	150	Clamp, screw (2)	General Mover	n/a	n/a/	n/a			n/a
78	Chem Class Lab	SE1	110	2A	150	Clamp, table, gas cylinder (1)	General Mover	n/a	n/a/	n/a		Fisher	n/a
79	Chem Class Lab	SE1	110	2A	150	Clamp, thermometer (6)	General Mover	n/a	n/a/	n/a		VWR	n/a
80	Chem Class Lab	SE1	110	2A	150	Clip, alligator, for banana plug (40)	General Mover	n/a	n/a/	n/a		Electric Switches	n/a
81	Chem Class Lab	SE1	110	2A	150	Clip, alligator, for banana plug (may be attached to cables) (20)	General Mover	n/a	n/a/	n/a			n/a
82	Chem Class Lab	SE1	110	2A	150	Computer, desktop (26)	General Mover	n/a	n/a/	n/a		HP	n/a
83	Chem Class Lab	SE1	110	2A	150	Cuvette, plastic, 1 cm (648)	General Mover	n/a	n/a/	n/a			n/a
84	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 10 mL w/ plastic base (26)	General Mover	n/a	n/a/	n/a		Fisher	n/a
85	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 10 mL, cylinder only (6)	General Mover	n/a	n/a/	n/a		DWK Life Sciences	n/a
86	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 100 mL (32)	General Mover	n/a	n/a/	n/a			n/a

NO.	ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	PRE-MOVE ACTION	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
87	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 25 mL (26)	General Mover	n/a	n/a/	n/a		VWR	n/a
88	Chem Class Lab	SE1	110	2A	150	Cylinder, graduated, glass, 25 mL, cylinder only (6)	General Mover	n/a	n/a/	n/a		VWR	n/a
89	Chem Class Lab	SE1	110	2A	150	Desiccator, round, plastic, 150 mm dia. (1)	General Mover	n/a	n/a/	n/a			n/a
90	Chem Class Lab	SE1	110	2A	150	Dish, crystallizing, 100 mm dia. (6)	General Mover	n/a	n/a/	n/a		Nalgene	n/a
91	Chem Class Lab	SE1	110	2A	150	Dispenser, tape (4)	General Mover	n/a	n/a/	n/a			n/a
92	Chem Class Lab	SE1	110	2A	150	Earplugs (1)	General Mover	n/a	n/a/	n/a		NEVS INK INC	n/a
93	Chem Class Lab	SE1	110	2A	150	Electrode, copper (56)	General Mover	n/a	n/a/	n/a		Aldon Corp	n/a
94	Chem Class Lab	SE1	110	2A	150	Electrode, tin (26)	General Mover	n/a	n/a/	n/a		Eisco	n/a
95	Chem Class Lab	SE1	110	2A	150	Electrode, zinc (31)	General Mover	n/a	n/a/	n/a		Aldon Corp	n/a
96	Chem Class Lab	SE1	110	2A	150	Flask, Erlenmeyer, glass, 125 mL (52)	General Mover	n/a	n/a/	n/a		Fisher	n/a
97	Chem Class Lab	SE1	110	2A	150	Flask, Erlenmeyer, glass, 250 mL (60)	General Mover	n/a	n/a/	n/a		Fisher	n/a
98	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, Class A, glass, 1 L, w/ #22 joint (1)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
99	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, Class A, glass, 2 L, w/ # joint (1)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
100	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, glass, 100 mL (27)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
101	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, glass, 50 mL (28)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
102	Chem Class Lab	SE1	110	2A	150	Flask, volumetric, glass, 500 mL (6)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
103	Chem Class Lab	SE1	110	2A	150	Forceps, 5" (1)	General Mover	n/a	n/a/	n/a			n/a
104	Chem Class Lab	SE1	110	2A	150	Forceps, fine tip, serrated, 10" length (1)	General Mover	n/a	n/a/	n/a		VWR	n/a
105	Chem Class Lab	SE1	110	2A	150	Funnel, plastic, large (17)	General Mover	n/a	n/a/	n/a		Thermo Scientific	n/a
106	Chem Class Lab	SE1	110	2A	150	Gauge, temperature, humidity, & barometric pressure (1)	General Mover	n/a	n/a/	n/a		Fisher	n/a
107	Chem Class Lab	SE1	110	2A	150	Gloves, insulated (11)	General Mover	n/a	n/a/	n/a			n/a
108	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, extra-large (12)	General Mover	n/a	n/a/	n/a			n/a
109	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, large (9)	General Mover	n/a	n/a/	n/a			n/a
110	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, medium (8)	General Mover	n/a	n/a/	n/a			n/a
111	Chem Class Lab	SE1	110	2A	150	Gloves, nitrile, small (7)	General Mover	n/a	n/a/	n/a			n/a
112	Chem Class Lab	SE1	110	2A	150	Guard, plastic, yellow, #2 (11)	General Mover	n/a	n/a/	n/a			n/a
113	Chem Class Lab	SE1	110	2A	150	Guard, plastic, yellow, #4 (10)	General Mover	n/a	n/a/	n/a			n/a
114	Chem Class Lab	SE1	110	2A	150	Hammer (1)	General Mover	n/a	n/a/	n/a			n/a
115	Chem Class Lab	SE1	110	2A	150	Holder, clamp, 90 degree (28)	General Mover	n/a	n/a/	n/a		Fisher	n/a
116	Chem Class Lab	SE1	110	2A	150	Holder, divided, acrylic (1)	General Mover	n/a	n/a/	n/a			n/a
117	Chem Class Lab	SE1	110	2A	150	Holder, for cuvettes (10)	General Mover	n/a	n/a/	n/a			n/a
118	Chem Class Lab	SE1	110	2A	150	Holder, paper towel (6)	General Mover	n/a	n/a/	n/a		TrippNT	n/a
119	Chem Class Lab	SE1	110	2A	150	Kimwipes, 4.5"x8.375"	General Mover	n/a	n/a/	n/a			n/a
120	Chem Class Lab	SE1	110	2A	150	Kit, security (21)	General Mover	n/a	n/a/	n/a		Kensington	n/a
121	Chem Class Lab	SE1	110	2A	150	Maker, dry ice (1)	General Mover	n/a	n/a/	n/a		Bel-Art	n/a
122	Chem Class Lab	SE1	110	2A	150	Monitor, LCD, for computer (26)	General Mover	n/a	n/a/	n/a		HP	n/a
123	Chem Class Lab	SE1	110	2A	150	Paper, filter, qualitative, 413, 15.0 cm dia. (15)	General Mover	n/a	n/a/	n/a			n/a
124	Chem Class Lab	SE1	110	2A	150	Paper, filter, Whatman 1, 46x57 cm (1)	General Mover	n/a	n/a/	n/a			n/a
125	Chem Class Lab	SE1	110	2A	150	Paper, weighing, 4"x4" (4)	General Mover	n/a	n/a/	n/a			n/a
126	Chem Class Lab	SE1	110	2A	150	Pipet, graduated, glass, 10 mL (49)	General Mover	n/a	n/a/	n/a			n/a
127	Chem Class Lab	SE1	110	2A	150	Pipet, graduated, glass, 25 mL (40)	General Mover	n/a	n/a/	n/a		Fisher	n/a
128	Chem Class Lab	SE1	110	2A	150	Pipet, Pasteur, 5 ¾" length (4)	General Mover	n/a	n/a/	n/a			n/a
129	Chem Class Lab	SE1	110	2A	150	Pipet, transfer, graduated, LDPE, 6" length (3)	General Mover	n/a	n/a/	n/a			n/a
130	Chem Class Lab	SE1	110	2A	150	Pipet, transfer, LDPE, 9" length (2)	General Mover	n/a	n/a/	n/a			n/a
131	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 1 mL (24)	General Mover	n/a	n/a/	n/a		Fisher	n/a
132	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 10 mL (24)	General Mover	n/a	n/a/	n/a		Fisher	n/a
133	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 2 mL (24)	General Mover	n/a	n/a/	n/a		Fisher	n/a
134	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, 5 mL (24)	General Mover	n/a	n/a/	n/a		Fisher	n/a
135	Chem Class Lab	SE1	110	2A	150	Pipet, volumetric, glass, class A, 25 mL (25)	General Mover	n/a	n/a/	n/a		Fisher	n/a
136	Chem Class Lab	SE1	110	2A	150	Plate, stirring, hot, 7"x7" (25)	General Mover	n/a	n/a/	n/a		Thermo Scientific	n/a
137	Chem Class Lab	SE1	110	2A	150	Pliers, 6" (1)	General Mover	n/a	n/a/	n/a		Excelta	n/a
138	Chem Class Lab	SE1	110	2A	150	Probe, pH, for pH meter (17)	General Mover	n/a	n/a/	n/a		Cole-Parmer	n/a
139	Chem Class Lab	SE1	110	2A	150	Rack, pipet (4)	General Mover	n/a	n/a/	n/a		Bel-Art	n/a
140	Chem Class Lab	SE1	110	2A	150	Rack, rolling, metal wire (1)	General Mover	n/a	n/a/	n/a		Metro	n/a
141	Chem Class Lab	SE1	110	2A	150	Rack, test tube, blue, 16 mm (16)	General Mover	n/a	n/a/	n/a		Fisher	n/a
142	Chem Class Lab	SE1	110	2A	150	Rack, test tube, 20 mm (4)	General Mover	n/a	n/a/	n/a			n/a
143	Chem Class Lab	SE1	110	2A	150	Rack, vial (25)	General Mover	n/a	n/a/	n/a			n/a
144	Chem Class Lab	SE1	110	2A	150	Retriever, magnetic, for stir bar (5)	General Mover	n/a	n/a/	n/a		Fisher	n/a
145	Chem Class Lab	SE1	110	2A	150	Rod, brass, 1' (13)	General Mover	n/a	n/a/	n/a			n/a
146	Chem Class Lab	SE1	110	2A	150	Rod, stainless steel, 24" length (29)	General Mover	n/a	n/a/	n/a		VWR	n/a
147	Chem Class Lab	SE1	110	2A	150	Rod, stainless steel, threaded, ½" dia., 2 ft length, for support stand (large) (4)	General Mover	n/a	n/a/	n/a			n/a
148	Chem Class Lab	SE1	110	2A	150	Rod, stainless steel, threaded, 18 inch length, for support stand (small) (4)	General Mover	n/a	n/a/	n/a			n/a
149	Chem Class Lab	SE1	110	2A	150	Rod, stir, glass, 200 mm (20)	General Mover	n/a	n/a/	n/a		Fisher	n/a
150	Chem Class Lab	SE1	110	2A	150	Ruler, plastic, 6" (26)	General Mover	n/a	n/a/	n/a		VWR	n/a
151	Chem Class Lab	SE1	110	2A	150	Sandpaper, fine, #220 (25)	General Mover	n/a	n/a/	n/a			n/a
152	Chem Class Lab	SE1	110	2A	150	Scissors (2)	General Mover	n/a	n/a/	n/a			n/a
153	Chem Class Lab	SE1	110	2A	150	Scoopula (32)	General Mover	n/a	n/a/	n/a		VWR	n/a
154	Chem Class Lab	SE1	110	2A	150	Septum, rubber, red, 14/20 joint (82)	General Mover	n/a	n/a/	n/a			n/a
155	Chem Class Lab	SE1	110	2A	150	Sheet, calibration, pH meter, laminated (10)	General Mover	n/a	n/a/	n/a			n/a
156	Chem Class Lab	SE1	110	2A	150	Soap, hand, pump (6)	General Mover	n/a	n/a/	n/a			n/a
157	Chem Class Lab	SE1	110	2A	150	Soap, hand, refill (1)	General Mover	n/a	n/a/	n/a			n/a
158	Chem Class Lab	SE1	110	2A	150	Spatula (20)	General Mover	n/a	n/a/	n/a			n/a
159	Chem Class Lab	SE1	110	2A	150	Spectrometer, visible, 350-850 nm (28)	General Mover	n/a	n/a/	n/a		Vernier	n/a
160	Chem Class Lab	SE1	110	2A	150	Stand, IWC (26)	General Mover	n/a	n/a/	n/a			n/a
161	Chem Class Lab	SE1	110	2A	150	Stand, support, w/ 1/2" dia. Rod (20)	General Mover	n/a	n/a/	n/a			n/a
162	Chem Class Lab	SE1	110	2A	150	Stapler, standard, black (2)	General Mover	n/a	n/a/	n/a			n/a
163	Chem Class Lab	SE1	110	2A	150	Staples, standard (3)	General Mover	n/a	n/a/	n/a			n/a
164	Chem Class Lab	SE1	110	2A	150	Stick, applicator, wood (boiling) (4)	General Mover	n/a	n/a/	n/a			n/a
165	Chem Class Lab	SE1	110	2A	150	Stirrer, brass, circular (19)	General Mover	n/a	n/a/	n/a			n/a
166	Chem Class Lab	SE1	110	2A	150	Stopper, glass, #13 (27)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
167	Chem Class Lab	SE1	110	2A	150	Stopper, glass, #9 (28)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
168	Chem Class Lab	SE1	110	2A	150	Stopper, rubber, size 5 (31)	General Mover	n/a	n/a/	n/a		Fisher	n/a
169	Chem Class Lab	SE1	110	2A	150	Strip, pH 0-14 (2)	General Mover	n/a	n/a/	n/a			n/a
170	Chem Class Lab	SE1	110	2A	150	Strip, power (24)	General Mover	n/a	n/a/	n/a			n/a
171	Chem Class Lab	SE1	110	2A	150	Tape, label, pressure sensitive, assorted colors, 1" core (1)	General Mover	n/a	n/a/	n/a			n/a

NO.	ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	PRE-MOVE ACTION	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
172	Chem Class Lab	SE1	110	2A	150	Thermometer, digital (22)	General Mover	n/a	n/a/	n/a		Fisher	n/a
173	Chem Class Lab	SE1	110	2A	150	Timer, digital (12)	General Mover	n/a	n/a/	n/a		Fisher	n/a
174	Chem Class Lab	SE1	110	2A	150	Tongs, beaker, rubber tips (1)	General Mover	n/a	n/a/	n/a			n/a
175	Chem Class Lab	SE1	110	2A	150	Tongs, flask (26)	General Mover	n/a	n/a/	n/a			n/a
176	Chem Class Lab	SE1	110	2A	150	Tongs, test tube (56)	General Mover	n/a	n/a/	n/a			n/a
177	Chem Class Lab	SE1	110	2A	150	Towel, paper (5)	General Mover	n/a	n/a/	n/a			n/a
178	Chem Class Lab	SE1	110	2A	150	Tray, HDPE, 14"x12"x5" (23)	General Mover	n/a	n/a/	n/a		Thermo Scientific	n/a
179	Chem Class Lab	SE1	110	2A	150	Tray, ice, blue (3)	General Mover	n/a	n/a/	n/a		Bel-Art	n/a
180	Chem Class Lab	SE1	110	2A	150	Tray, ice, small (4)	General Mover	n/a	n/a/	n/a			n/a
181	Chem Class Lab	SE1	110	2A	150	Tray, square, "Sodium Bicarbonate and Labeled Scoopula" (5)	General Mover	n/a	n/a/	n/a			n/a
182	Chem Class Lab	SE1	110	2A	150	Tube, schlenk, reaction test tube with side arm (6)	General Mover	n/a	n/a/	n/a		Chemglass	n/a
183	Chem Class Lab	SE1	110	2A	150	Tube, test, glass, 13 mm dia., 100 mm length (192)	General Mover	n/a	n/a/	n/a		Corning	n/a
184	Chem Class Lab	SE1	110	2A	150	Tube, test, 16 x 150mm (92)	General Mover	n/a	n/a/	n/a			n/a
185	Chem Class Lab	SE1	110	2A	150	Tubing, vacuum, 5/16" id (4' piece) (8)	General Mover	n/a	n/a/	n/a		Fisher	n/a
186	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Biological Safety Cabinet	General Mover	Decontamination	Certify/Test	n/a	Thermo	4' Class II/A2 (non-ducted) - 1284	09428
187	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Incubator	General Mover	Decontamination	Certify/Test	Reconnect	Fisher Scientifice	FFCO300RTABC	09427
188	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Water Purification System	General Mover	n/a	n/a	Reconnect	Barnstead	Nanopure Diamond	09426
189	Warehouse Storage	1985 Olive Avenue, Merced, CA	n/a	2A	153A	Biological Safety Cabinet Stand	General Mover	n/a	n/a	n/a	Thermo		09429
190	Baykara Lab	SE2	060	2A	116	Microscope Illuminator	General Mover	n/a	n/a	n/a	Bruker		'03324
191	Baykara Lab	SE2	060	2A	116B	Monitor	General Mover	n/a	n/a	n/a	ViewSonic	VS10725	'03322
192	Baykara Lab	SE2	060	2A	116B	Monitor	General Mover	n/a	n/a	n/a	ViewSonic	VS10725	'03323
193	Baykara Lab	SE2	060	2A	116A	Monitor	General Mover	n/a	n/a	n/a	DELL	U2415b	'03329
194	Baykara Lab	SE2	060	2A	116A	Monitor	General Mover	n/a	n/a	n/a	DELL	U2415	'03330
195	Baykara Lab	SE2	060	2A	116A	UPS System	General Mover	n/a	n/a	n/a	APC	SMT1500	'03328
196	Baykara Lab	SE2	060	2A	116B	Computer	General Mover	n/a	Calibration	n/a	Veeco	1.61712E+13	'03321
197	Baykara Lab	SE2	060	2A	116B	Computer	General Mover	n/a	Calibration	n/a	Veeco	1.61712E+13	'03320
198	Baykara Lab	SE2	060	2A	116A	Computer	General Mover	n/a	Calibration	n/a	DELL	D01T	'03327
199	Baykara Lab	SE2	060	2A	116	Miscellaneous Box Contents	General Mover	n/a	n/a	n/a			n/a
200	Baykara Lab	SE2	060	2A	116A	Cabinet, File	General Mover	n/a	n/a	n/a			TBD
201	Baykara Lab	SE2	060	2A	116B	Cabinet, File	General Mover	n/a	n/a	n/a			TBD
202	Machine Shop	SE2	230M	2A	102	CNC	General Mover	n/a	Service	Reconnect	CNC Masters		TBD
203	Ehsani Lab	Caste 1200, Ste. 850	142	2A	134	Cabinet, File, Lateral	General Mover	n/a	n/a	n/a	n/a	n/a	09234
204	Ehsani Lab	Caste 1200, Ste. 850	144A	2A	134	Cabinet, Storage	General Mover	n/a	n/a	n/a	n/a	n/a	09233
205	Ehsani Lab	Caste 1200, Ste. 850	144A	2A	134	Pedestal (2 Drawer)	General Mover	n/a	n/a	n/a	n/a	n/a	09232
206	Chen Lab	Castle	22	2A	134	Cabinet, File Lateral	General Mover	n/a	n/a	n/a	n/a	n/a	09231
207	Chen Lab	Castle	22	2A	136	Cabinet, File Lateral	General Mover	n/a	n/a	n/a	n/a	n/a	09240

ATTACHMENT 01
ADDENDUM 01

NO.	ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
1	Sun Lab	Castle	106	2A	007	Wind Tunnel	Riggers	n/a	n/a	Sentec Dynamics		09236, 09237, 09238
2	Baykara Lab	SE2	060	2A	116B	TMC vibration isolation table	Riggers	n/a/	n/a	Bruker	D5000-1	'03319
3	Machine Shop	SE2	175	2A	102	PCNC 1100- Tormach	Riggers	Service	Disconnect/Reconnect			03316
4	Machine Shop	SE2	175	2A	102	PCNC 1100- Tormach	Riggers	Service	Disconnect/Reconnect			03320
5	Machine Shop	SE2	175	2A	102	CNC Lift	Riggers	n/a	n/a			TBD
6	Machine Shop	SE2	175	2A	102	CNC Enclosures	Riggers	n/a	n/a			TBD

ROOM NAME OR AREA DESCRIPTION	ORIGIN BUILDING	NO.	ORIGIN ROOM NUMBER	DESTINATION BUILDING	DESTINATION ROOM NUMBER	ITEM DESCRIPTION	RESPONSIBILITY ASSIGNMENT	POST-MOVE ACTION	DISCONNECT/RECONNECT SERVICE	MANUFACTURER NAME	MANUFACTURER MODEL NUMBER	ASSET TAG NUMBER
Baykara Lab	SE2	1	60	2A	116B	Atomic Force Microscope	Microscope	Calibration	n/a	Bruker	Dimension 5000	03319
Baykara Lab	SE2	2	060	2A	116A	Atomic Force Microscope Electronics	Microscope	Calibration	n/a	Asylum Research	900.058.5	'03326
Baykara Lab	SE2	3	060	2A	116A	Atomic Force Microscope	Microscope	Calibration	n/a	Asylum Research	900.109.5	'03325
Baykara Lab	SE2	4	060	2A	116A	Atomic Force Microscope Barble Balance Stand	Microscope	Calibration	n/a	TMC		'03331
Baykara Lab	SE2	5	060	2A	116A	Atomic Force Microscope Electronics	Microscope	Calibration	n/a	Digital Instruments	5000C-1	'03317

CHEMICAL NAME	CAS	MOLECULAR FORUMULA	PHYSICAL STATE	HAZARDOUS CODE	INVENTORY NAME	BUILDING	FLOOR	ROOM NO.	SUBLOCATION	SIZE	AMOUNT	UNIT	CONTAINER TYPE	CONCENTRATION	CONCENTRATION UNITS	SOLVENT	RECEIVED DATE	OPENED DATE	BARCODE	PRIVATE	COMMENTS	TAGS
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335, H314	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #3	116	116	L	Carboy	0.1	M	Water	2018-01-05T18:13:32.716Z				Max. size 20 L	CHEM 010,Controlled Substance,mfg container
tert-Butanol	75-65-0	C4H10O	Liquid	H225,H302,H303, H313,H315,H316, H319,H332,H333, H335,H336	Chem Class Lab	SE1	Level 1	110	C10	1	1	L	Plastic Bottle				2018-08-23T17:24:16.254Z		UC0000410699			CHEM 010,mfg container
Sodium thiosulfate pentahydrate	10102-17-7	H10Na2O8S2	Solid		Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2018-08-21T23:00:49.070Z		UC0000410499			CHEM 010,mfg container
L-(+)-Lactic acid	79-33-4	C3H6O3	Solid	H303,H315,H318, H333	Chem Class Lab	SE1	Level 1	106	A31	100	100	g	Glass Bottle				2017-12-20T00:25:49.739Z		UC0000415133			CHEM 010,mfg container
Buffer solution pH 4	64-19-7, 127-09-3, 7732-18-5		Liquid	H318,H303,H313, H331,H314,H317, H402	Chem Class Lab	SE1	Level 1	106	A36	20	20	L	Carboy				2017-12-20T23:25:40.776Z		UC0000415143			CHEM 010,mfg container
pH 7 Buffer			Liquid		Chem Class Lab	SE1	Level 1	106	A36	20	20	L	Carboy				2017-12-20T23:27:17.837Z		UC0000415144			CHEM 010,mfg container
Buffer Solution pH 10			Liquid		Chem Class Lab	SE1	Level 1	106	A36	20	20	L	Carboy				2017-12-20T23:28:06.783Z		UC0000415145			CHEM 010,mfg container
Buffer Solution pH 10			Liquid		Chem Class Lab	SE1	Level 1	106	A36	20	20	L	Carboy				2017-12-20T23:31:41.629Z		UC0000415148			CHEM 010,mfg container
pH 7 Buffer			Liquid		Chem Class Lab	SE1	Level 1	106	A36	20	20	L	Carboy				2017-12-20T23:32:08.687Z		UC0000415147			CHEM 010,mfg container
Buffer solution pH 4	64-19-7, 127-09-3, 7732-18-5		Liquid	H318,H303,H313, H331,H314,H317, H402	Chem Class Lab	SE1	Level 1	106	A36	20	20	L	Carboy				2017-12-20T23:38:51.956Z		UC0000415146			CHEM 010,mfg container
L-(+)-Lactic acid	79-33-4	C3H6O3	Solid	H303,H315,H318, H333	Chem Class Lab	SE1	Level 1	106	A31	100	100	g	Glass Bottle				2017-08-15T22:32:09.963Z		UC0000415266			CHEM 010,mfg container
Iron(III) nitrate nonahydrate	7782-61-8	FeH18N3O18	Solid	H303,H314,H318, H335	Chem Class Lab	SE1	Level 1	106	A36	500	500	g	Plastic Bottle				2014-09-01T22:50:26.758Z		UC0000415270			CHEM 010,mfg container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	1	1	L	Glass Bottle				2014-05-01T22:55:11.250Z		UC0000415271			CHEM 010,mfg container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	1	1	L	Glass Bottle				2014-08-26T22:57:11.577Z		UC0000415272			CHEM 010,mfg container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	1	1	L	Glass Bottle				2014-08-26T22:58:02.929Z		UC0000415273			CHEM 010,mfg container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	1	1	L	Glass Bottle				2014-08-26T22:59:32.299Z		UC0000415274			CHEM 010,mfg container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	1	1	L	Glass Bottle				2014-08-26T23:00:49.262Z		UC0000415275			CHEM 010,mfg container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	250	250	mL	Glass Bottle				2015-01-26T23:02:29.092Z		UC0000415276			CHEM 010,mfg container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	250	250	mL	Glass Bottle				2015-01-26T23:03:01.021Z		UC0000415277			CHEM 010,mfg container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335, H314	Chem Class Lab	SE1	Level 1	106	A56	2.5	2.5	L	Glass Bottle				2018-02-21T23:24:09.242Z		UC0000415390			CHEM 010,mfg container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335, H314	Chem Class Lab	SE1	Level 1	106	A56	2.5	2.5	L	Glass Bottle				2016-08-21T23:24:38.662Z		UC0000415391			CHEM 010,mfg container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335, H314	Chem Class Lab	SE1	Level 1	106	A56	2.5	2.5	L	Glass Bottle				2017-08-21T23:25:05.621Z		UC0000415392			CHEM 010,mfg container
Buffer solution pH 4	64-19-7, 127-09-3, 7732-18-5		Liquid	H318,H303,H313, H331,H314,H317, H402	Chem Class Lab	SE1	Level 1	106	A36	20	20	L	Carboy				2018-08-17T17:01:14.744Z		UC0000410694			CHEM 010,mfg container
Sodium carbonate	497-19-8	CNa2O3	Solid	H303,H316,H319	Chem Class Lab	SE1	Level 1	108	B30	500	500	g	Plastic Bottle				2018-02-20T21:43:51.740Z		UC0000410587			CHEM 010,mfg container
Sodium thiosulfate pentahydrate	10102-17-7	H10Na2O8S2	Solid		Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2017-12-20T23:14:53.627Z		UC0000415137			CHEM 010,mfg container
Sodium thiosulfate pentahydrate	10102-17-7	H10Na2O8S2	Solid		Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2017-12-20T23:15:31.254Z		UC0000415138			CHEM 010,mfg container
Sodium chloride	7647-14-5	ClNa	Solid	H303	Chem Class Lab	SE1	Level 1	110	C43	10	10	kg	Plastic/Non-Metallic Drum				2017-12-20T23:19:33.420Z		UC0000415139			CHEM 010,mfg container
Sodium chloride	7647-14-5	ClNa	Solid	H303	Chem Class Lab	SE1	Level 1	110	C43	10	10	kg	Plastic/Non-Metallic Drum				2017-12-20T23:20:43.091Z		UC0000415140			CHEM 010,mfg container
Sodium chloride	7647-14-5	ClNa	Solid	H303	Chem Class Lab	SE1	Level 1	110	C43	10	10	kg	Plastic/Non-Metallic Drum				2017-12-20T23:21:14.938Z		UC0000415141			CHEM 010,mfg container
Potassium hydrogen phthalate	877-24-7	C8H5KO4	Solid	H303	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Glass Bottle				2017-12-21T17:59:56.725Z		UC0000415155			CHEM 010,mfg container
Sodium bicarbonate	144-55-8	CHNaO3	Solid	H303	Chem Class Lab	SE1	Level 1	110	C 9	3	3	kg	Plastic Bottle				2018-01-02T20:03:20.594Z		UC0000415163			CHEM 010,mfg container
1,4-Dibromobenzene	106-37-6	C6H4Br2	Solid	H303,H315,H319, H335,H400	Chem Class Lab	SE1	Level 1	110	C10	250	250	g	Plastic Bottle				2013-09-12T19:42:07.293Z		UC0000410526			CHEM 010,mfg container
Naphthalene	91-20-3	C10H8	Solid	H228,H302,H351, H400,H410	Chem Class Lab	SE1	Level 1	110	C10	500	500	g	Glass Bottle				2010-01-14T19:44:57.340Z		UC0000410528			CHEM 010,mfg container
Naphthalene	91-20-3	C10H8	Solid	H228,H302,H351, H400,H410	Chem Class Lab	SE1	Level 1	110	C10	500	500	g	Glass Bottle				2013-07-15T19:45:52.080Z		UC0000410529			CHEM 010,mfg container
tert-Butanol	75-65-0	C4H10O	Liquid	H225,H302,H303, H313,H315,H316, H319,H332,H333, H335,H336	Chem Class Lab	SE1	Level 1	110	C10	1	1	L	Plastic Bottle				2018-03-28T19:55:39.951Z		UC0000410532			CHEM 010,mfg container
tert-Butanol	75-65-0	C4H10O	Liquid	H225,H302,H303, H313,H315,H316, H319,H332,H333, H335,H336	Chem Class Lab	SE1	Level 1	110	C10	1	1	L	Plastic Bottle				2018-03-28T19:56:19.455Z		UC0000410533			CHEM 010,mfg container
Methanol	67-56-1	CH4O	Liquid	H225,H301,H311, H331,H370,H372	Chem Class Lab	SE1	Level 1	110	C10	1	1	L	Glass Bottle				2014-04-01T19:58:34.514Z		UC0000410534			CHEM 010,mfg container
Ethanol, denatured	64-17-5	C2H6O	Liquid	H225,H302,H313, H319,H333,H361, H370,H371	Chem Class Lab	SE1	Level 1	110	C10	1	1	L	Plastic Bottle	95	% vol.	Water	2015-12-28T20:04:29.533Z					CHEM 010,mfg container
Ethanol, denatured	64-17-5	C2H6O	Liquid	H225,H302,H313, H319,H333,H361, H370,H371	Chem Class Lab	SE1	Level 1	110	C10	4	4	L	Plastic Bottle	95	% vol.	Water	2016-09-12T20:05:17.199Z		UC0000410536			CHEM 010,mfg container
Sulfuric acid	7664-93-9		Liquid	H314,H303,H290, H318	Chem Class Lab	SE1	Level 1	110	C11	500	500	mL	Glass Bottle				2016-05-20T20:27:24.534Z		UC0000410537			CHEM 010,mfg container
Cobalt(II) chloride hexahydrate	7791-13-1	Cl2Co - 6H2O	Solid	H302,H313,H314, H317,H318,H334, H341,H350,H360, H400,H410	Chem Class Lab	SE1	Level 1	110	C16	100	100	g	Glass Bottle				2016-05-24T22:53:31.644Z		UC0000410538			CHEM 010,mfg container
Iron(II) chloride tetrahydrate	13478-10-9	Cl2FeH8O4	Solid	H302,H314,H315, H318	Chem Class Lab	SE1	Level 1	110	C16	500	500	g	Glass Bottle				2013-06-21T22:57:55.633Z		UC0000410539			CHEM 010,mfg container
Iron(II) chloride tetrahydrate	13478-10-9	Cl2FeH8O4	Solid	H302,H314,H315, H318	Chem Class Lab	SE1	Level 1	110	C16	500	500	g	Glass Bottle				2018-03-28T22:58:38.616Z		UC0000410540			CHEM 010,mfg container
Sulfamic acid	5329-14-6	H3NO3S	Solid	H303,H315,H319, H402,H412	Chem Class Lab	SE1	Level 1	110	C17	250	250	g	Plastic Bottle				2018-03-28T23:00:08.372Z		UC0000410541			CHEM 010,mfg container

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CHEMICAL NAME	CAS	MOLECULAR FORUMULA	PHYSICAL STATE	HAZARDOUS CODE	INVENTORY NAME	BUILDING	FLOOR	ROOM NO.	SUBLOCATION	SIZE	AMOUNT	UNIT	CONTAINER TYPE	CONCENTRATION	CONCENTRATION UNITS	SOLVENT	RECEIVED DATE	OPENED DATE	BARCODE	PRIVATE	COMMENTS	TAGS
Sulfamic acid	5329-14-6	H3NO3S	Solid	H303,H315,H319,H402,H412	Chem Class Lab	SE1	Level 1	110	C17	50	50	g	Plastic Bottle				2014-01-24T23:02:19.134Z		UC0000410542			CHEM 010,mfg container
Sulfamic acid	5329-14-6	H3NO3S	Solid	H303,H315,H319,H402,H412	Chem Class Lab	SE1	Level 1	110	C17	50	50	g	Plastic Bottle				2014-01-24T23:03:13.922Z		UC0000410543			CHEM 010,mfg container
Iron(III) chloride hexahydrate	10025-77-1	Cl3Fe - 6H2O	Solid	H290,H302,H314,H315,H318	Chem Class Lab	SE1	Level 1	110	C16	100	100	g	Plastic Bottle				2014-09-09T23:06:23.041Z		UC0000410544			CHEM 010,mfg container
Iron(III) chloride hexahydrate	10025-77-1	Cl3Fe - 6H2O	Solid	H290,H302,H314,H315,H318	Chem Class Lab	SE1	Level 1	110	C16	100	100	g	Plastic Bottle				2015-01-26T23:08:24.872Z		UC0000410545			CHEM 010,mfg container
Iron(III) chloride hexahydrate	10025-77-1	Cl3Fe - 6H2O	Solid	H290,H302,H314,H315,H318	Chem Class Lab	SE1	Level 1	110	C16	100	100	g	Plastic Bottle				2015-01-26T23:09:06.101Z		UC0000410546			CHEM 010,mfg container
Iron(III) chloride hexahydrate	10025-77-1	Cl3Fe - 6H2O	Solid	H290,H302,H314,H315,H318	Chem Class Lab	SE1	Level 1	110	C16	100	100	g	Plastic Bottle				2015-02-02T23:09:33.969Z		UC0000410547			CHEM 010,mfg container
Pivalic acid	75-98-9	C5H10O2	Solid	H302,H312,H314,H318	Chem Class Lab	SE1	Level 1	110	C17	500	500	g	Glass Bottle				2015-12-28T23:40:13.493Z		UC0000410553			CHEM 010,mfg container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Solid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	500	500	g	Plastic Bottle				2015-02-08T19:52:57.228Z		UC0000410554			CHEM 010,mfg container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Solid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	500	500	g	Plastic Bottle				2016-10-14T19:56:26.084Z		UC0000410556			CHEM 010,mfg container
Iron(III) nitrate nonahydrate	7782-61-8	FeH18N3O18	Solid	H303,H314,H318,H335	Chem Class Lab	SE1	Level 1	110	C23	500	500	g	Plastic Bottle				2015-01-30T20:08:06.213Z		UC0000410557			CHEM 010,mfg container
Potassium persulfate	7727-21-1	K2O8S2	Solid	H272,H272,H272,H272,H302,H315,H317,H317,H317,H319,H334,H334,H334,H335,H402	Chem Class Lab	SE1	Level 1	110	C23	500	500	g	Plastic Bottle				2016-03-30T20:11:29.367Z		UC0000410558			CHEM 010,mfg container
Potassium persulfate	7727-21-1	K2O8S2	Solid	H272,H272,H272,H272,H302,H315,H317,H317,H317,H319,H334,H334,H334,H335,H402	Chem Class Lab	SE1	Level 1	110	C23	500	500	g	Plastic Bottle				2016-05-23T20:12:25.982Z		UC0000410559			CHEM 010,mfg container
Potassium chromate	7789-00-6	CrK2O4	Solid	H301,H315,H317,H319,H335,H340,H350,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	100	100	g	Plastic Bottle				2014-10-08T21:28:50.803Z		UC0000410560			CHEM 010,mfg container
Potassium chromate	7789-00-6	CrK2O4	Solid	H301,H315,H317,H319,H335,H340,H350,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	500	500	g	Plastic Bottle				2015-12-18T21:30:43.759Z		UC0000410561			CHEM 010,mfg container
Distilled White Vinegar	67-19-7	C2H4O2	Liquid		Chem Class Lab	SE1	Level 1	110	C27	1	1	gal	Plastic Bottle				2018-05-01T23:30:59.786Z		UC0000410562			CHEM 010,mfg container
Barium chloride	10361-37-2	BaCl2	Solid	H301,H319,H332	Chem Class Lab	SE1	Level 1	110	C30	100	100	g	Plastic Bottle				2015-12-10T23:38:37.639Z		UC0000410563			CHEM 010,mfg container
Boiling stones	1344-28-1		Solid		Chem Class Lab	SE1	Level 1	110	C30	200	200	g	Plastic Bottle				2014-09-01T23:47:11.518Z		UC0000410567			CHEM 010,mfg container
Boiling stones	1344-28-1		Solid		Chem Class Lab	SE1	Level 1	110	C30	200	200	g	Plastic Bottle				2015-09-25T23:48:45.590Z		UC0000410568			CHEM 010,mfg container
Boiling stones	1344-28-1		Solid		Chem Class Lab	SE1	Level 1	110	C30	200	200	g	Plastic Bottle				2014-09-01T23:49:32.214Z		UC0000410569			CHEM 010,mfg container
Boiling stones	1344-28-1		Solid		Chem Class Lab	SE1	Level 1	110	C30	200	200	g	Plastic Bottle				2016-06-02T23:50:19.374Z		UC0000410570			CHEM 010,mfg container
Methyl Orange	547-58-0	C14H14N3NaO3S	Solid	H301	Chem Class Lab	SE1	Level 1	110	C30	25	25	g	Plastic Bottle				2013-02-20T21:07:20.345Z		UC0000410571			CHEM 010,mfg container
Phenolphthalein	77-09-8	C20H14O4	Solid	H341,H350,H361	Chem Class Lab	SE1	Level 1	110	C30	50	50	g	Plastic Bottle				2007-08-14T21:08:52.640Z		UC0000410572			CHEM 010,mfg container
Potassium L-tartrate monobasic	868-14-4	C4H5KO6	Solid		Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2015-01-30T21:10:22.125Z		UC0000410573			CHEM 010,mfg container
Potassium chloride	7447-40-7	ClK	Solid	H303	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2016-08-17T21:13:03.643Z		UC0000410574			CHEM 010,mfg container
Potassium chloride	7447-40-7	ClK	Solid	H303	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2017-08-14T21:14:13.714Z		UC0000410575			CHEM 010,mfg container
Potassium hydrogen phthalate	877-24-7	C8H5KO4	Solid	H303	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Glass Bottle				2016-08-18T21:17:52.177Z		UC0000410576			CHEM 010,mfg container
Potassium hydrogen phthalate	877-24-7	C8H5KO4	Solid	H303	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Glass Bottle				2016-11-22T21:18:44.753Z		UC0000410577			CHEM 010,mfg container
Copper(II) sulfate pentahydrate	7758-99-8	CuH10O9S	Solid	H301,H302,H313,H315,H319,H400,H410	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2016-05-23T21:26:23.677Z		UC0000410578			CHEM 010,mfg container
Potassium iodide	7681-11-0	IK	Solid	H302,H315,H319,H335	Chem Class Lab	SE1	Level 1	110	C30	3	3	kg	Plastic Bottle				2016-01-04T21:28:37.816Z		UC0000410579			CHEM 010,mfg container
Potassium sulfate	7778-80-5	K2O4S	Solid		Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2006-01-01T21:31:40.080Z		UC0000410580			CHEM 010,mfg container
Potassium sulfate	7778-80-5	K2O4S	Solid		Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2007-01-01T21:33:19.888Z		UC0000410581			CHEM 010,mfg container
Potassium thiocyanate	333-20-0	CKNS	Solid	H302,H312,H332,H402,H412	Chem Class Lab	SE1	Level 1	110	C30	100	100	g	Plastic Bottle				2013-02-19T21:36:30.321Z		UC0000410582			CHEM 010,mfg container
Potassium thiocyanate	333-20-0	CKNS	Solid	H302,H312,H332,H402,H412	Chem Class Lab	SE1	Level 1	110	C30	100	100	g	Plastic Bottle				2015-12-28T21:37:49.834Z		UC0000410583			CHEM 010,mfg container
Sodium acetate	127-09-3	C2H3NaO2	Solid	H303,H316,H320,H333	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2015-12-14T21:40:01.588Z		UC0000410584			CHEM 010,mfg container
Sodium acetate	127-09-3	C2H3NaO2	Solid	H303,H316,H320,H333	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2016-08-17T21:41:07.939Z		UC0000410585			CHEM 010,mfg container
Sodium acetate trihydrate	6131-90-4	C2H9NaO5	Solid		Chem Class Lab	SE1	Level 1	110	C30	1	1	kg	Plastic Bottle				2018-05-02T21:42:32.510Z		UC0000410586			CHEM 010,mfg container
Sodium carbonate	497-19-8	CNa2O3	Solid	H303,H316,H319	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Glass Bottle				2006-01-01T21:45:16.827Z		UC0000410588			CHEM 010,mfg container
Tin(II) sulfate	7488-55-3	O4SSn	Solid	H303,H315,H317,H319,H332,H335,H341,H373,H410	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2013-09-09T21:48:22.354Z		UC0000410589			CHEM 010,mfg container
Zinc sulfate heptahydrate	7446-20-0	H14O11SZn	Solid	H302,H318,H400,H410	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2016-08-17T21:50:11.932Z		UC0000410590			CHEM 010,mfg container
Zinc sulfate heptahydrate	7446-20-0	H14O11SZn	Solid	H302,H318,H400,H410	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2016-01-04T21:51:19.678Z		UC0000410591			CHEM 010,mfg container
Sodium carbonate	497-19-8	CNa2O3	Solid	H303,H316,H319	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2018-06-06T20:46:34.525Z		UC0000410684			CHEM 010,mfg container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Solid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	500	500	g	Plastic Bottle				2018-06-11T23:24:01.025Z		UC0000033893			CHEM 010,mfg container
Cyclohexane	110-82-7	C6H12	Liquid	H225,H304,H313,H315,H336,H400,H410	Chem Class Lab	SE1	Level 1	110	C10	4	4	L	Glass Bottle				2018-08-17T19:19:22.348Z		UC0000410472			CHEM 010,mfg container
Sodium bicarbonate	144-55-8	CHNaO3	Solid	H303	Chem Class Lab	SE1	Level 1	110	C 9	3	3	kg	Plastic Bottle				2018-08-23T16:20:00.541Z		UC0000410707			CHEM 010,mfg container
Sodium bicarbonate	144-55-8	CHNaO3	Solid	H303	Chem Class Lab	SE1	Level 1	110	C 9	3	3	kg	Plastic Bottle				2018-08-23T16:20:42.547Z		UC0000410708			CHEM 010,mfg container
Sodium bicarbonate	144-55-8	CHNaO3	Solid	H303	Chem Class Lab	SE1	Level 1	110	C 9	3	3	kg	Plastic Bottle				2018-08-23T16:21:20.241Z		UC0000410709			CHEM 010,mfg container
Salicylic acid	69-72-7	C7H6O3	Solid	H302,H315,H316,H318,H335	Chem Class Lab	SE1	Level 1	110	C17	100	100	g	Plastic Bottle				2018-08-23T16:34:35.520Z		UC0000410718			CHEM 010,mfg container

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CHEMICAL NAME	CAS	MOLECULAR FORUMULA	PHYSICAL STATE	HAZARDOUS CODE	INVENTORY NAME	BUILDING	FLOOR	ROOM NO.	SUBLOCATION	SIZE	AMOUNT	UNIT	CONTAINER TYPE	CONCENTRATION	CONCENTRATION UNITS	SOLVENT	RECEIVED DATE	OPENED DATE	BARCODE	PRIVATE	COMMENTS	TAGS
L-Ascorbic acid	50-81-7	C6H8O6	Solid		Chem Class Lab	SE1	Level 1	110	C17	100	100	g	Glass Bottle				2018-08-17T16:36:38.233Z		UC0000410719			CHEM 010,mfg container
Copper(II) sulfate pentahydrate	7758-99-8	CuH10O9S	Solid	H301,H302,H313, H315,H319,H400, H410	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2018-08-17T16:40:39.560Z		UC0000410722			CHEM 010,mfg container
Copper(II) nitrate hemi(pentahydrate)	19004-19-4	Cu2H10N4O17	Solid	H271,H290,H302, H314,H318,H400, H410	Chem Class Lab	SE1	Level 1	106B	A 3	500	500	g	Plastic Bottle				2011-08-25T00:00:38.919Z		UC0000415176			CHEM 010,mfg container
Copper(II) nitrate hemi(pentahydrate)	19004-19-4	Cu2H10N4O17	Solid	H271,H290,H302, H314,H318,H400, H410	Chem Class Lab	SE1	Level 1	106B	A 3	500	500	g	Plastic Bottle				2008-08-22T00:02:59.961Z		UC0000415177			CHEM 010,mfg container
Copper(II) nitrate hemi(pentahydrate)	19004-19-4	Cu2H10N4O17	Solid	H271,H290,H302, H314,H318,H400, H410	Chem Class Lab	SE1	Level 1	106B	A 3	500	500	g	Plastic Bottle				2011-08-25T00:04:34.878Z		UC0000415178			CHEM 010,mfg container
Copper(II) nitrate hemi(pentahydrate)	19004-19-4	Cu2H10N4O17	Solid	H271,H290,H302, H314,H318,H400, H410	Chem Class Lab	SE1	Level 1	106B	A 3	500	500	g	Plastic Bottle				2011-08-25T00:06:02.300Z		UC0000415179			CHEM 010,mfg container
Potassium nitrate	7757-79-1	KNO3	Solid	H272,H303,H402, H412	Chem Class Lab	SE1	Level 1	106B	A 3	500	500	g	Plastic Bottle				2011-01-10T00:21:48.689Z		UC0000415182			CHEM 010,mfg container,SOP not needed
Potassium nitrate	7757-79-1	KNO3	Solid	H272,H303,H402, H412	Chem Class Lab	SE1	Level 1	106B	A 3	500	500	g	Plastic Bottle				2011-08-22T00:22:56.819Z		UC0000415183			CHEM 010,mfg container,SOP not needed
Sodium hydroxide	1310-73-2	HNaO	Solid	H290,H314,H318, H335,H402	Chem Class Lab	SE1	Level 1	106B	A 3	1	1	kg	Plastic Bottle				2016-08-17T00:30:08.472Z		UC0000415186			CHEM 010,mfg container,SOP not needed
Sodium hydroxide	1310-73-2	HNaO	Solid	H290,H314,H318, H335,H402	Chem Class Lab	SE1	Level 1	106B	A 3	1	1	kg	Plastic Bottle				2017-08-14T00:31:07.702Z		UC0000415187			CHEM 010,mfg container,SOP not needed
1,4-Dichlorobenzene	106-46-7	C6H4Cl2	Solid	H302,H313,H319, H351,H400,H410	Chem Class Lab	SE1	Level 1	110	C10	100	100	g	Plastic Bottle				2017-12-20T00:26:53.831Z		UC0000415134			CHEM 010,mfg container,SOP not needed
3-Phenylpropionic acid	501-52-0	C9H10O2	Solid	H315,H319,H335	Chem Class Lab	SE1	Level 1	110	C17	100	100	g	Glass Bottle				2014-12-16T23:37:21.290Z		UC0000410551			CHEM 010,mfg container,SOP not needed,tax free ethanol
3-Phenylpropionic acid	501-52-0	C9H10O2	Solid	H315,H319,H335	Chem Class Lab	SE1	Level 1	110	C17	100	100	g	Glass Bottle				2017-08-21T23:37:51.580Z		UC0000410552			CHEM 010,mfg container,SOP required
Biphenyl	92-52-4	C12H10	Solid	H315,H319,H335, H400,H410	Chem Class Lab	SE1	Level 1	110	C30	1	1	kg	Plastic Bottle				2015-12-01T23:43:48.996Z		UC0000410566			CHEM 010,mfg container,SOP required
Carbon dioxide, gas	124-38-9	CO2	Gas	H280	Chem Class Lab	SE1	Level 1	106B	A 1	50	50	lb	Cylinder				2017-11-29T20:50:45.407Z				barcode G47	CHEM 010,mfg container,SOP required,SOP complete
Ethanol, Tax-Free	64-17-5	C2H6O	Liquid	H225,H319,H336, H401	Chem Class Lab	SE1	Level 1	106B	A 2	500	500	mL	Glass Bottle				2016-07-20T23:57:32.099Z		UC0000415175			CHEM 010,mfg container,SOP required,SOP complete
Chloroacetic acid	79-11-8	C2H3ClO2	Solid	H301,H311,H314, H318,H330,H400	Chem Class Lab	SE1	Level 1	110	C17	500	500	g	Glass Bottle				2016-08-23T23:34:04.062Z		UC0000410549			CHEM 010,mfg container,SOP required,SOP complete
Benzophenone	119-61-9	C13H10O	Solid	H313,H351,H400, H410	Chem Class Lab	SE1	Level 1	110	C30	500	500	g	Plastic Bottle				2013-07-18T23:40:16.119Z		UC0000410564			CHEM 010,Move to proper location,mfg container
Ammonium hydroxide, 25-30% solution in water	1336-21-6		Liquid	H302,H314,H318, H400,H411	Chem Class Lab	SE1	Level 1	106	A36	500	500	mL	Glass Bottle				2014-08-26T23:13:09.257Z		UC0000415279			CHEM 010,own container
Ammonium hydroxide, 25-30% solution in water	1336-21-6		Liquid	H302,H314,H318, H400,H411	Chem Class Lab	SE1	Level 1	106	A36	500	500	mL	Glass Bottle				2015-01-26T23:13:47.371Z		UC0000415280			CHEM 010,own container
Acetic acid, glacial	64-19-7	C2H4O2	Liquid	H226,H303,H318, H314	Chem Class Lab	SE1	Level 1	106	A56	2.5	2.5	L	Glass Bottle				2015-12-14T23:41:11.550Z		UC0000415370			CHEM 010,own container
L-(+)-Lactic acid	79-33-4	C3H6O3	Solid	H303,H315,H318, H333	Chem Class Lab	SE1	Level 1	120	Not in Specific Location	100	100	g	Glass Bottle				2018-08-19T17:30:51.619Z		UC0000410703			CHEM 010,own container
L-(+)-Lactic acid	79-33-4	C3H6O3	Solid	H303,H315,H318, H333	Chem Class Lab	SE1	Level 1	106	A31	600	600	mL	Glass Bottle				2018-01-04T22:33:34.528Z				Max size 20 mL Unknown vials	CHEM 010,own container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	250	250	mL	Glass Bottle				2018-01-04T23:04:08.990Z					CHEM 010,own container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	120	120	mL	Glass Bottle				2018-01-04T23:04:25.602Z					CHEM 010,own container
Tetramethylammonium hydroxide, 25% solution in water	75-59-2, , 7732-18-5	C4H13NO	Liquid	H300,H310,H314, H318,H370,H372, H401,H411	Chem Class Lab	SE1	Level 1	106	A36	120	120	mL	Glass Bottle				2018-01-04T23:04:51.598Z					CHEM 010,own container
Buffer solution pH 4	64-19-7, 127-09-3, 7732-18-5		Liquid	H318,H303,H313, H331,H314,H317, H402	Chem Class Lab	SE1	Level 1	106	A36	2000	2000	mL	Plastic Bottle				2018-01-04T23:23:44.492Z				Max size 500 mL	CHEM 010,own container
Sodium hydroxide	1310-73-2	HNaO	Liquid	H290,H314,H318, H335,H402	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	42	42	L	Carboy	0.15	M	Water	2018-01-04T23:33:12.090Z				Max size 20 L	CHEM 010,own container
Sodium hydroxide	1310-73-2	HNaO	Liquid	H290,H314,H318, H335,H402	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	60	60	L	Carboy	0.1	M	Water	2018-01-04T23:33:56.958Z				Max size 20 L	CHEM 010,own container
Sodium acetate	127-09-3	C2H3NaO2	Solid	H303,H316,H320, H333	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	20	20	L	Carboy	0.2	M	Water	2018-01-04T23:40:13.419Z					CHEM 010,own container
Sodium hydroxide	1310-73-2	HNaO	Liquid	H290,H314,H318, H335,H402	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	2	2	L	Plastic Bottle	6	M	Water	2018-01-04T23:50:23.468Z				Max size 1 L	CHEM 010,own container
Naphthalene	91-20-3	C10H8	Solid	H228,H302,H351, H400,H410	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	800	800	mL	Glass Bottle				2018-01-05T00:49:33.339Z				Max size 20 mL; unknown vials	CHEM 010,own container
Pivalic acid	75-98-9	C5H10O2	Solid	H302,H312,H314, H318	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T00:52:36.173Z				Max size 20 mL; unknown vials	CHEM 010,own container
Salicylic acid	69-72-7	C7H6O3	Solid	H302,H315,H316, H318,H335	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T00:53:15.156Z				Max size 20 mL; unknown vials	CHEM 010,own container
Potassium L-tartrate monobasic	868-14-4	C4H5KO6	Solid		Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T17:40:45.268Z				Max size 20 mL; unknown vials	CHEM 010,own container
Potassium hydrogen phthalate	877-24-7	C8H5KO4	Solid	H303	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T17:51:16.563Z				Max. size 20 mL; unknown vials	CHEM 010,own container
DL-Mandelic acid	90-64-2	C8H8O3	Solid	H318	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T17:52:39.391Z				Max. size 20 mL; unknown vials	CHEM 010,own container
L-Ascorbic acid	50-81-7	C6H8O6	Solid		Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T17:58:01.044Z				Max. size 20 mL; unknown vials	CHEM 010,own container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335, H314	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #3	40	40	L	Carboy	0.15	M	Water	2018-01-05T18:10:32.849Z				Max. size 20 L	CHEM 010,own container
Buffer Solution pH 10			Liquid		Chem Class Lab	SE1	Level 1	106	A36	1500	1500	mL	Plastic Bottle				2018-05-01T22:52:46.626Z				Max size 500 mL	CHEM 010,own container
pH 7 Buffer			Liquid		Chem Class Lab	SE1	Level 1	106	A36	1500	1500	mL	Plastic Bottle				2018-05-01T22:53:50.444Z				Max size 500 mL	CHEM 010,own container
Potassium hydrogen phthalate	877-24-7	C8H5KO4	Solid	H303	Chem Class Lab	SE1	Level 1	110	C 1	100	100	mL	Glass Bottle				2018-03-28T19:25:32.488Z				Max size 20 mL	CHEM 010,own container

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CHEMICAL NAME	CAS	MOLECULAR FORUMULA	PHYSICAL STATE	HAZARDOUS CODE	INVENTORY NAME	BUILDING	FLOOR	ROOM NO.	SUBLOCATION	SIZE	AMOUNT	UNIT	CONTAINER TYPE	CONCENTRATION	CONCENTRATION UNITS	SOLVENT	RECEIVED DATE	OPENED DATE	BARCODE	PRIVATE	COMMENTS	TAGS
tert-Butanol	75-65-0	C4H10O	Liquid	H225,H302,H303,H313,H315,H316,H319,H332,H333,H335,H336	Chem Class Lab	SE1	Level 1	110	C10	500	500	mL	Glass Bottle				2018-03-28T19:56:43.760Z					CHEM 010,own container
Cyclohexane	110-82-7	C6H12	Liquid	H225,H304,H313,H315,H336,H400,H410	Chem Class Lab	SE1	Level 1	110	C10	1.5	1.5	L	Glass Bottle				2018-03-28T20:00:47.360Z				Max size 500 mL	CHEM 010,own container
Phenolphthalein, <1% indicator solution in ethanol	77-09-8	C20H14O4	Liquid	H225,H302,H312,H319,H350,H361,H371	Chem Class Lab	SE1	Level 1	110	C10	5.15	5.15	L	Plastic Bottle				2018-03-28T20:07:59.763Z				Max size 4 L; 0.1%	CHEM 010,own container
Cobalt(II) chloride hexahydrate	7791-13-1	Cl2Co - 6H2O	Liquid	H302,H313,H314,H317,H318,H334,H341,H350,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C10	3.5	3.5	L	Glass Bottle	0.15	M	95% ethanol	2018-03-28T20:10:46.524Z				Max size 1 L; in denatured 95% ethanol	CHEM 010,own container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335,H314	Chem Class Lab	SE1	Level 1	110	C11	4	4	L	Glass Bottle	0.15	M	Water	2018-03-28T20:14:29.398Z				Max size 1 L	CHEM 010,own container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335,H314	Chem Class Lab	SE1	Level 1	110	C11	1	1	L	Glass Bottle	2	M	Water	2018-03-28T20:15:12.858Z					CHEM 010,own container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335,H314	Chem Class Lab	SE1	Level 1	110	C11	2.5	2.5	L	Glass Bottle	6	M	Water	2018-03-28T20:15:41.921Z				Max size 1 L	CHEM 010,own container
Sulfuric acid	7664-93-9		Liquid	H314,H303,H290,H318	Chem Class Lab	SE1	Level 1	110	C11	12.5	12.5	L	Plastic Bottle	3	M	Water	2018-03-28T20:28:35.306Z				Max size 4 L	CHEM 010,own container
Sulfuric acid	7664-93-9		Liquid	H314,H303,H290,H318	Chem Class Lab	SE1	Level 1	110	C11	500	500	mL	Glass Bottle	6	M	Water	2018-03-28T20:29:44.431Z					CHEM 010,own container
Hydrochloric acid, concentrated (~37% solution in water)	7647-01-0	HCl	Liquid	H318,H290,H335,H314	Chem Class Lab	SE1	Level 1	110	C11	2	2	L	Glass Bottle	0.1	M	Water	2018-03-28T20:32:49.466Z				Max size 1 L	CHEM 010,own container
Zinc sulfate heptahydrate	7446-20-0	H14O11SZn	Liquid	H302,H318,H400,H410	Chem Class Lab	SE1	Level 1	110	C16	8	8	L	Plastic Bottle	0.1	M	Water	2018-03-28T23:12:45.302Z				Max size 4 L	CHEM 010,own container
Tin(II) sulfate	7488-55-3	O4SSn	Liquid	H303,H315,H317,H319,H332,H335,H341,H373,H410	Chem Class Lab	SE1	Level 1	110	C16	1	1	L	Glass Bottle	0.1	M	Water	2018-03-28T23:16:45.609Z					CHEM 010,own container
Copper(II) sulfate pentahydrate	7758-99-8	CuH10O9S	Liquid	H301,H302,H313,H315,H319,H400,H410	Chem Class Lab	SE1	Level 1	110	C16	8.18	8.18	L	Plastic Bottle	0.1	M	Water	2018-03-28T23:17:58.807Z				Max size 4 L	CHEM 010,own container
Pivalic acid	75-98-9	C5H10O2	Solid	H302,H312,H314,H318	Chem Class Lab	SE1	Level 1	110	C17	20	20	mL	Glass Bottle				2018-03-28T23:41:35.286Z					CHEM 010,own container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Solid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	24	24	oz	Glass Bottle				2018-04-06T19:57:31.596Z				Max size 4 oz.	CHEM 010,own container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Liquid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	880	880	mL	Glass Bottle	0.05	M	Water	2018-04-06T20:54:59.684Z				Max size 500 mL	CHEM 010,own container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Liquid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	880	880	mL	Glass Bottle	0.07	M	Water	2018-04-06T20:57:23.437Z				Max size 500 mL	CHEM 010,own container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Liquid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	880	880	mL	Glass Bottle	0.13	M	Water	2018-04-06T20:57:54.050Z				Max size 500 mL	CHEM 010,own container
Cobalt(II) nitrate hexahydrate	10026-22-9	CoH12N2O12	Liquid	H272,H302,H317,H318,H332,H334,H341,H350,H351,H360,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	880	880	mL	Glass Bottle	0.1	M	Water	2018-04-06T21:00:12.874Z				Max size 500 mL	CHEM 010,own container
Potassium persulfate	7727-21-1	K2O8S2	Liquid	H272,H272,H272,H272,H302,H315,H317,H317,H317,H319,H334,H334,H334,H335,H402	Chem Class Lab	SE1	Level 1	110	C23	7	7	L	Plastic Bottle	0.05	M	Water	2018-04-06T21:05:23.046Z				Max size 4 L	CHEM 010,own container
Potassium chromate	7789-00-6	CrK2O4	Liquid	H301,H315,H317,H319,H335,H340,H350,H400,H410	Chem Class Lab	SE1	Level 1	110	C23	1.5	1.5	L	Glass Bottle	1	M	Water	2018-04-06T21:07:07.250Z				Max size 1 L	CHEM 010,own container
Iron(III) nitrate nonahydrate	7782-61-8	FeH18N3O18	Liquid	H303,H314,H318,H335	Chem Class Lab	SE1	Level 1	110	C23	1.5	1.5	L	Glass Bottle	0.1	M	Water	2018-04-06T21:08:10.639Z				Max size 1 L	CHEM 010,own container
Sodium thiosulfate pentahydrate	10102-17-7	H10Na2O8S2	Liquid		Chem Class Lab	SE1	Level 1	110	C42	16	16	L	Plastic Bottle	5	% (m/v)	Water	2018-05-01T22:55:18.641Z				W/ 0.1% sodium carbonate; max size 4 L	CHEM 010,own container
Sodium chloride	7647-14-5	ClNa	Liquid	H303	Chem Class Lab	SE1	Level 1	110	C42	1	1	L	Plastic Bottle	0.05	M	Water	2018-05-01T22:58:09.265Z					CHEM 010,own container
Sodium chloride	7647-14-5	ClNa	Liquid	H303	Chem Class Lab	SE1	Level 1	110	C42	1.5	1.5	L	Plastic Bottle	0.359	g/mL	Water (saturat	2018-05-01T22:59:08.347Z				Max size 1 L	CHEM 010,own container
Sodium acetate	127-09-3	C2H3NaO2	Liquid	H303,H316,H320,H333	Chem Class Lab	SE1	Level 1	110	C42	500	500	mL	Glass Bottle	1	M	Water	2018-05-01T23:03:17.377Z				Max size 250 mL	CHEM 010,own container
Sodium acetate	127-09-3	C2H3NaO2	Liquid	H303,H316,H320,H333	Chem Class Lab	SE1	Level 1	110	C42	9	9	L	Plastic Bottle	0.2	M	Water	2018-05-01T23:04:09.602Z				Max size 4 L	CHEM 010,own container
Potassium chloride	7447-40-7	ClK	Liquid	H303	Chem Class Lab	SE1	Level 1	110	C42	8	8	L	Plastic Bottle	1	M	Water	2018-05-01T23:10:22.863Z				Max size 4 L	CHEM 010,own container
Potassium chloride	7447-40-7	ClK	Liquid	H303	Chem Class Lab	SE1	Level 1	110	C42	6	6	L	Plastic Bottle	0.2	M	Water	2018-05-01T23:13:47.352Z				Max size 4 L	CHEM 010,own container
Potassium chloride	7447-40-7	ClK	Liquid	H303	Chem Class Lab	SE1	Level 1	110	C42	8	8	L	Plastic Bottle	0.1	M	Water	2018-05-01T23:14:17.648Z				Max size 4 L	CHEM 010,own container
Barium chloride	10361-37-2	BaCl2	Liquid	H301,H319,H332	Chem Class Lab	SE1	Level 1	110	C42	1.5	1.5	L	Glass Bottle	0.1	M	Water	2018-05-01T23:19:43.741Z				Max size 1 L	CHEM 010,own container
Sodium bicarbonate	144-55-8	CHNaO3	Solid	H303	Chem Class Lab	SE1	Level 1	110	C26	5	5	L	Plastic Bottle				2018-05-01T23:27:13.265Z				Max size 1 L	CHEM 010,own container
Distilled White Vinegar	67-19-7	C2H4O2	Liquid		Chem Class Lab	SE1	Level 1	110	C27	1	1	L	Plastic Bottle				2018-05-01T23:31:25.339Z					CHEM 010,own container
Sodium thiosulfate pentahydrate	10102-17-7	H10Na2O8S2	Liquid		Chem Class Lab	SE1	Level 1	110	C27	2	2	L	Plastic Bottle	5	% (m/v)	Water	2018-05-01T23:31:59.671Z				Max size 1 L	CHEM 010,own container
Boiling stones	1344-28-1		Solid		Chem Class Lab	SE1	Level 1	110	C30	16	16	oz	Glass Bottle				2018-05-01T23:51:48.000Z				Max size 4 oz	CHEM 010,own container
1,4-Dibromobenzene	106-37-6	C6H4Br2	Solid	H303,H315,H319,H335,H400	Chem Class Lab	SE1	Level 1	110	C30	8	8	oz	Glass Bottle				2018-05-02T21:52:36.054Z					CHEM 010,own container
Naphthalene	91-20-3	C10H8	Solid	H228,H302,H351,H400,H410	Chem Class Lab	SE1	Level 1	110	C30	8	8	oz	Glass Bottle				2018-05-02T21:53:28.467Z					CHEM 010,own container
Sodium acetate	127-09-3	C2H3NaO2	Solid	H303,H316,H320,H333	Chem Class Lab	SE1	Level 1	110	C30	8	8	oz	Glass Bottle				2018-05-02T21:55:14.482Z					CHEM 010,own container
Sodium chloride	7647-14-5	ClNa	Solid	H303	Chem Class Lab	SE1	Level 1	110	C30	84	84	oz	Glass Bottle				2018-05-02T21:56:10.723Z				Max size 16 oz	CHEM 010,own container
Methyl Orange	547-58-0	C14H14N3NaO3S	Liquid	H301	Chem Class Lab	SE1	Level 1	110	C42	310	310	mL	Glass Bottle	0.1	% (m/v)	Water	2018-05-02T22:10:42.149Z				Max size 250 mL	CHEM 010,own container
Potassium thiocyanate	333-20-0	CKNS	Liquid	H302,H312,H332,H402,H412	Chem Class Lab	SE1	Level 1	110	C42	1.5	1.5	L	Glass Bottle	0.1	M	Water	2018-05-02T22:12:28.918Z				Max size 1 L	CHEM 010,own container
Potassium sulfate	7778-80-5	K2O4S	Liquid		Chem Class Lab	SE1	Level 1	110	C42	1	1	L	Plastic Bottle	0.1	M	Water	2018-05-02T22:13:36.401Z					CHEM 010,own container
Potassium sulfate	7778-80-5	K2O4S	Liquid		Chem Class Lab	SE1	Level 1	110	C42	7	7	L	Plastic Bottle	0.05	M	Water	2018-05-02T22:14:21.212Z				Max size 4 L	CHEM 010,own container,SOP not needed

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CHEMICAL NAME	CAS	MOLECULAR FORUMULA	PHYSICAL STATE	HAZARDOUS CODE	INVENTORY NAME	BUILDING	FLOOR	ROOM NO.	SUBLOCATION	SIZE	AMOUNT	UNIT	CONTAINER TYPE	CONCENTRATION	CONCENTRATION UNITS	SOLVENT	RECEIVED DATE	OPENED DATE	BARCODE	PRIVATE	COMMENTS	TAGS
Potassium iodide	7681-11-0	IK	Liquid	H302,H315,H319,H335	Chem Class Lab	SE1	Level 1	110	C42	2	2	L	Plastic Bottle	0.002	M	Water	2018-05-02T22:15:52.903Z				Max size 1 L	CHEM 010,own container,SOP not needed
Potassium iodide	7681-11-0	IK	Liquid	H302,H315,H319,H335	Chem Class Lab	SE1	Level 1	110	C42	2	2	L	Plastic Bottle	0.2	M	Water	2018-05-02T22:16:58.985Z				Max size 1 L	CHEM 010,own container,SOP not needed
Potassium iodide	7681-11-0	IK	Liquid	H302,H315,H319,H335	Chem Class Lab	SE1	Level 1	110	C42	4	4	L	Plastic Bottle	0.5	M	Water	2018-05-02T22:17:27.769Z				Max size 2 L	CHEM 010,own container,SOP not needed
Biphenyl	92-52-4	C12H10	Solid	H315,H319,H335,H400,H410	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	800	800	mL	Glass Bottle				2018-01-05T00:47:25.325Z				Max size 20 mL; unknown vials	CHEM 010,own container,SOP not needed
1,4-Dibromobenzene	106-37-6	C6H4Br2	Solid	H303,H315,H319,H335,H400	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	800	800	mL	Glass Bottle				2018-01-05T00:48:50.218Z				Max size 20 mL; unknown vials	CHEM 010,own container,SOP not needed
3-Phenylpropionic acid	501-52-0	C9H10O2	Solid	H315,H319,H335	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T17:53:38.205Z				Max. size 20 mL; unknown vials	CHEM 010,own container,SOP required
1,4-Dichlorobenzene	106-46-7	C6H4Cl2	Solid	H302,H313,H319,H351,H400,H410	Chem Class Lab	SE1	Level 1	110	C10	12	12	oz	Glass Bottle				2018-03-28T19:44:08.549Z				Max size 4 oz.	CHEM 010,own container,SOP required
3-Phenylpropionic acid	501-52-0	C9H10O2	Solid	H315,H319,H335	Chem Class Lab	SE1	Level 1	110	C17	40	40	mL	Glass Bottle				2018-03-28T23:42:21.697Z				Max size 20 mL	CHEM 010,own container,SOP required
Biphenyl	92-52-4	C12H10	Solid	H315,H319,H335,H400,H410	Chem Class Lab	SE1	Level 1	110	C30	8	8	oz	Glass Bottle				2018-05-01T23:53:07.977Z					CHEM 010,own container,SOP required
Benzophenone	119-61-9	C13H10O	Solid	H313,H351,H400,H410	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	800	800	mL	Glass Bottle				2018-01-05T00:46:05.487Z				Max size 20 mL; unknown vials	CHEM 010,own container,SOP required,SOP complete
Chloroacetic acid	79-11-8	C2H3ClO2	Solid	H301,H311,H314,H318,H330,H400	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T17:55:30.819Z				Max. size 20 mL; unknown vials	CHEM 010,own container,SOP required,SOP complete
Chloroacetic acid	79-11-8	C2H3ClO2	Solid	H301,H311,H314,H318,H330,H400	Chem Class Lab	SE1	Level 1	110	C17	40	40	mL	Glass Bottle				2018-03-28T23:43:00.456Z				Max size 20 mL	CHEM 010,own container,SOP required,SOP complete
Benzophenone	119-61-9	C13H10O	Solid	H313,H351,H400,H410	Chem Class Lab	SE1	Level 1	110	C30	8	8	oz	Glass Bottle				2018-05-01T23:52:37.253Z					CHEM 010,own container,SOP required,SOP complete
Ammonium hydroxide, 25-30% solution in water	1336-21-6		Liquid	H302,H314,H318,H400,H411	Chem Class Lab	SE1	Level 1	106	A36	20	20	mL	Glass Bottle	15	M	Water	2018-01-04T23:15:07.816Z					CHEM 010,own container,SOP required,SOP complete
Ammonium hydroxide, 25-30% solution in water	1336-21-6		Liquid	H302,H314,H318,H400,H411	Chem Class Lab	SE1	Level 1	106	A36	500	500	mL	Glass Bottle	1	M	Water	2018-01-04T23:15:38.474Z					CHEM 010,own container,SOP required,SOP complete
Benzoic acid	65-85-0	C7H6O2	Solid	H303,H315,H318,H372,H402	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #1	600	600	mL	Glass Bottle				2018-01-05T17:56:22.333Z				Max. size 20 mL; unknown vials	CHEM 010,own container,SOP required,SOP complete
Acetic acid, glacial	64-19-7	C2H4O2	Liquid	H226,H303,H318,H314	Chem Class Lab	SE1	Level 1	106	A-Rolling Rack #3	20	20	L	Carboy	0.2	M	Water	2018-01-05T18:37:08.608Z					CHEM 100L,CHEM 101L,CHEM 150,mfg container,SOP required,SOP complete
Acetic acid, glacial	64-19-7	C2H4O2	Liquid	H226,H303,H318,H314	Chem Class Lab	SE1	Level 1	110	C17	1.5	1.5	L	Plastic Bottle	0.1	M	Water	2018-03-28T23:29:07.677Z				Max size 1 L	CHEM 100L,CHEM 101L,mfg container
Acetic acid, glacial	64-19-7	C2H4O2	Liquid	H226,H303,H318,H314	Chem Class Lab	SE1	Level 1	110	C17	4	4	L	Glass Bottle	0.2	M	Water	2018-03-28T23:29:53.818Z				Max size 1 L	CHEM 100L,CHEM 101L,mfg container
Acetic acid, glacial	64-19-7	C2H4O2	Liquid	H226,H303,H318,H314	Chem Class Lab	SE1	Level 1	110	C17	1	1	L	Glass Bottle	3	M	Water	2018-03-28T23:30:24.288Z					CHEM 100L,CHEM 101L,mfg container

ADDENDUM 01

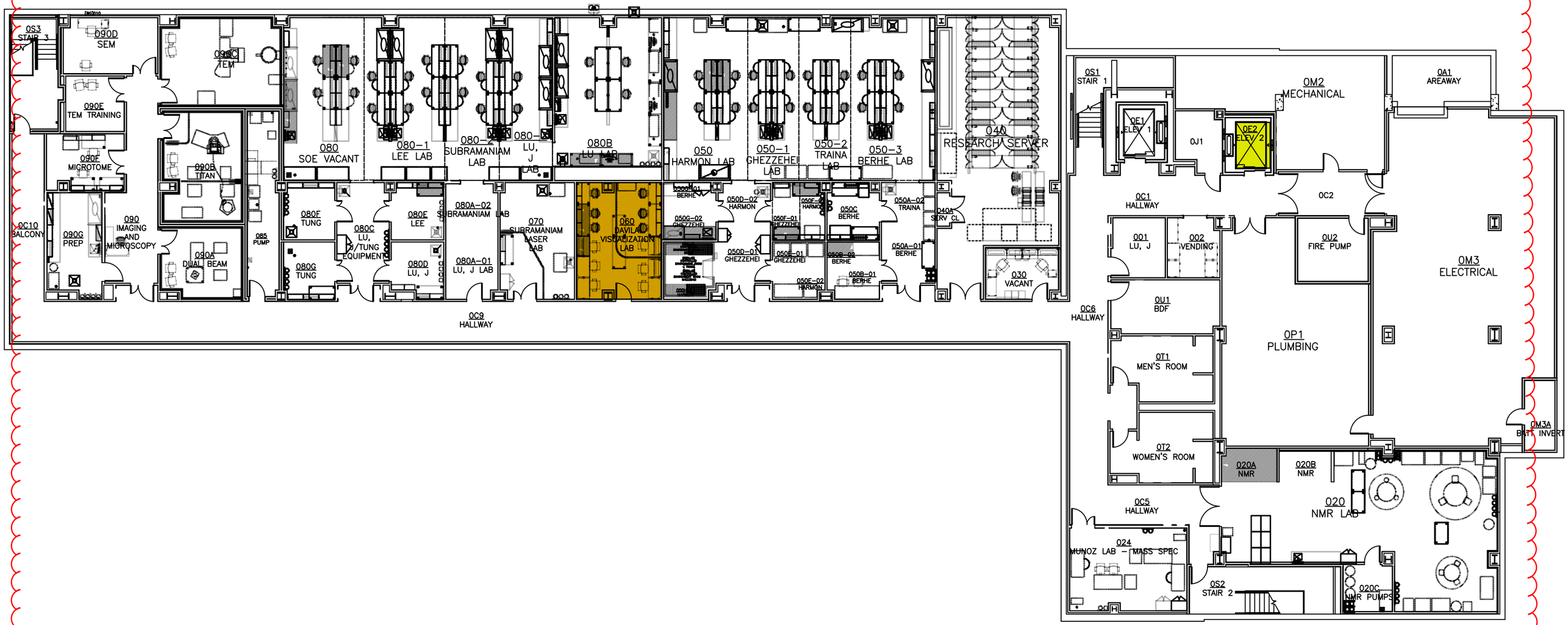
1

SCIENCE AND ENGINEERING 2

LEVEL B

ORIGIN LOCATIONS

SERVICE ELEVATOR



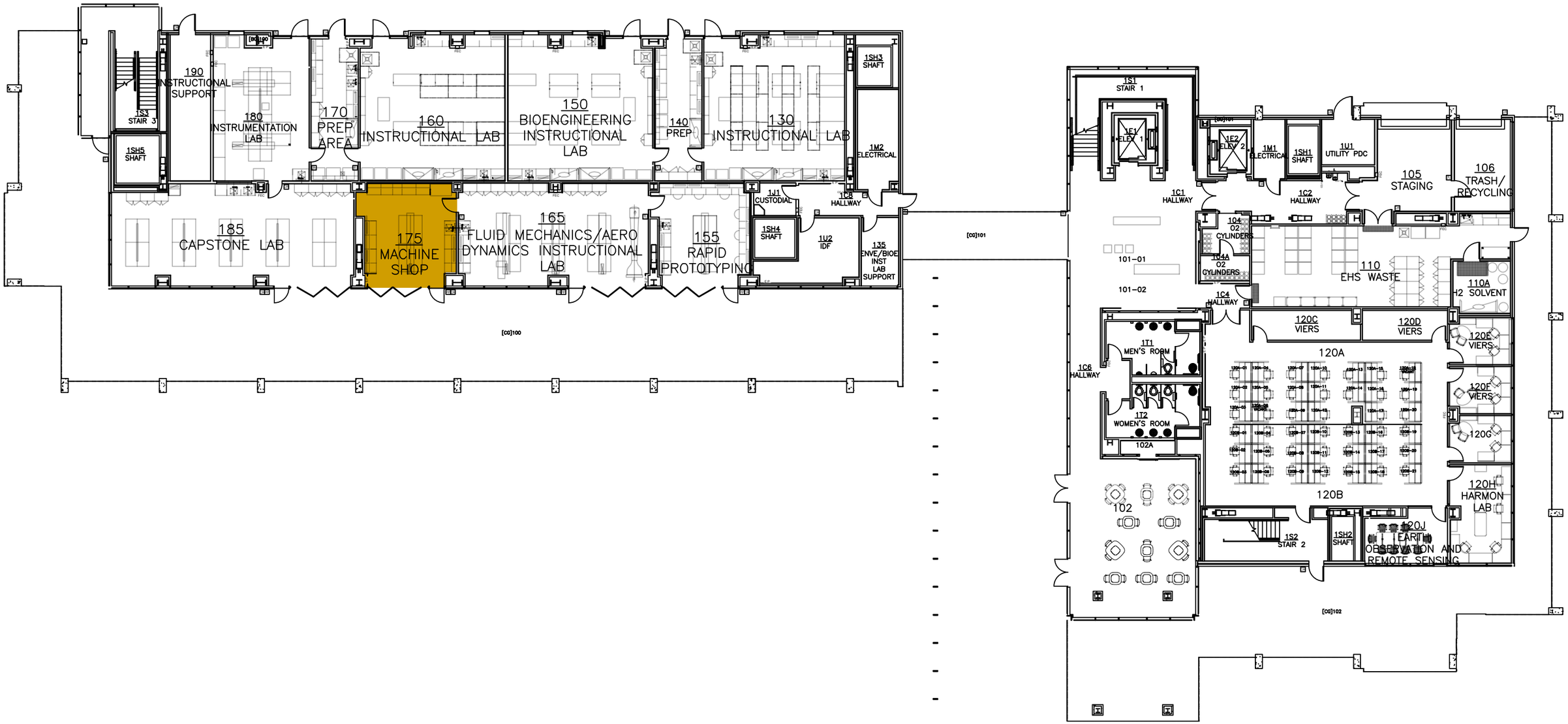
Attachment 4
Origin Buildings Floor Plans

ADDENDUM 01

SCIENCE AND ENGINEERING 2
LEVEL 1

ORIGIN LOCATIONS

1

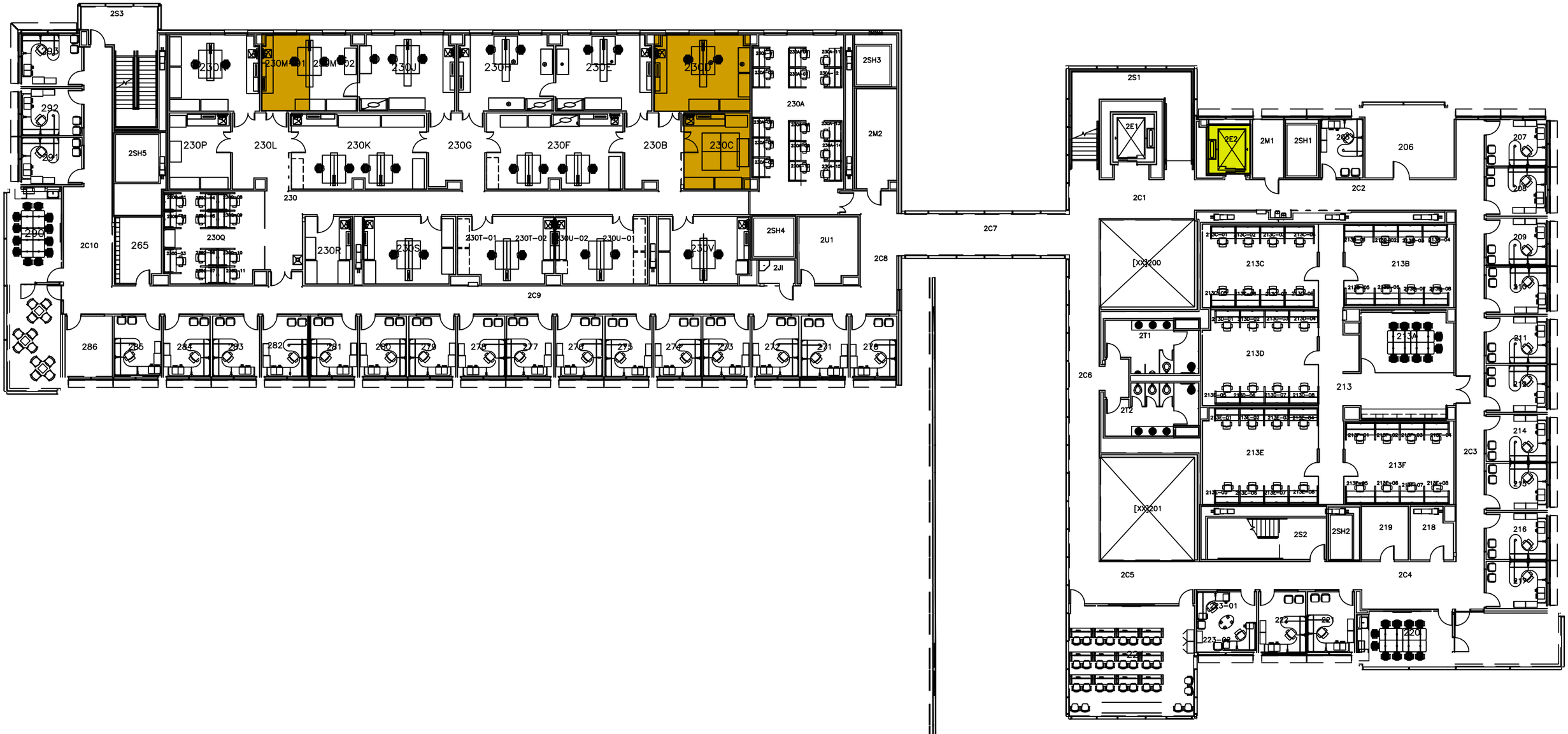


Attachment 4
Origin Buildings Floor Plans

SCIENCE AND ENGINEERING 2
LEVEL 2

ORIGIN LOCATIONS
SERVICE ELEVATOR

ADDENDUM 01



Attachment 4
Origin Buildings Floor Plans

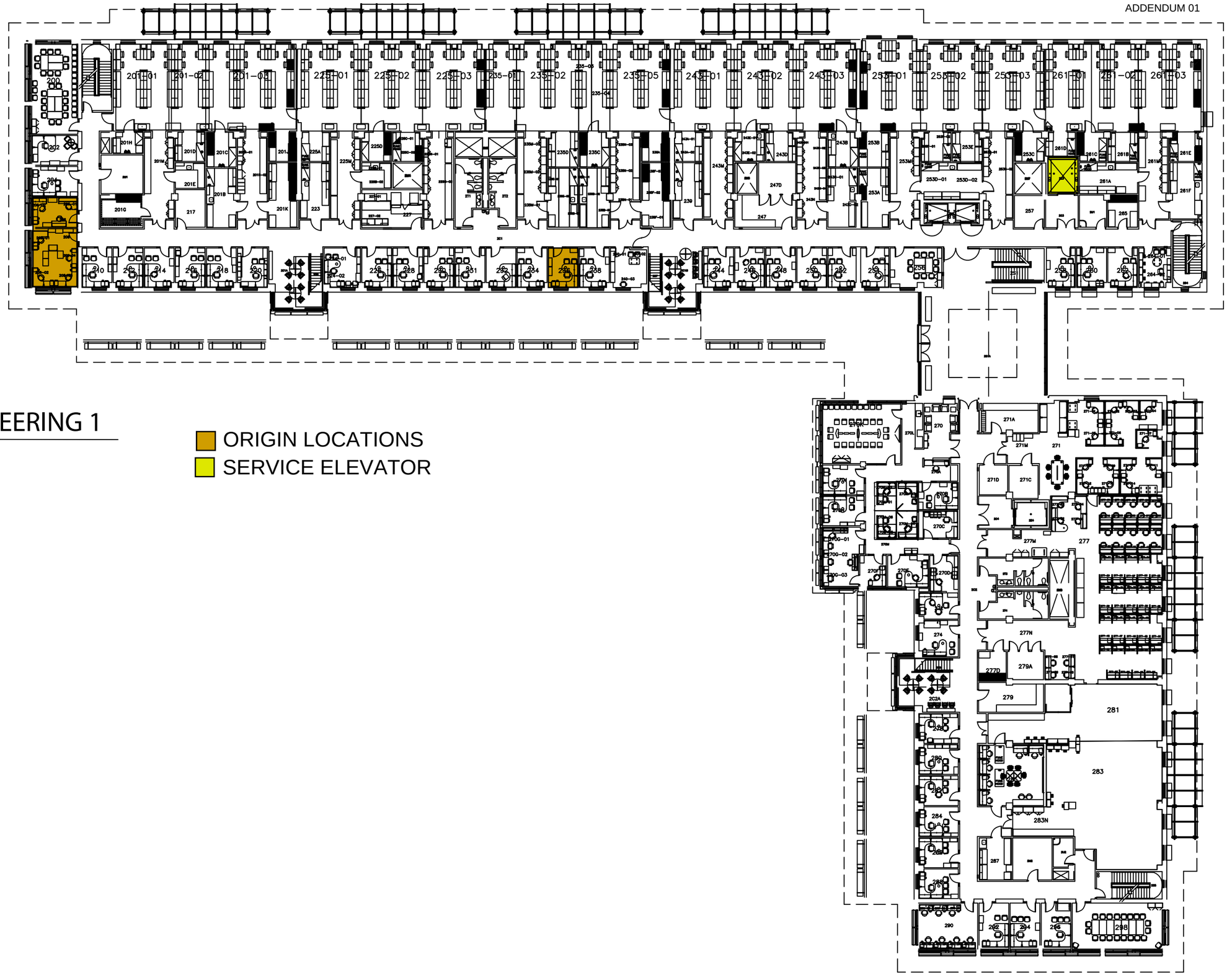
ADDENDUM 01

SCIENCE AND ENGINEERING 1

LEVEL 2

ORIGIN LOCATIONS

SERVICE ELEVATOR

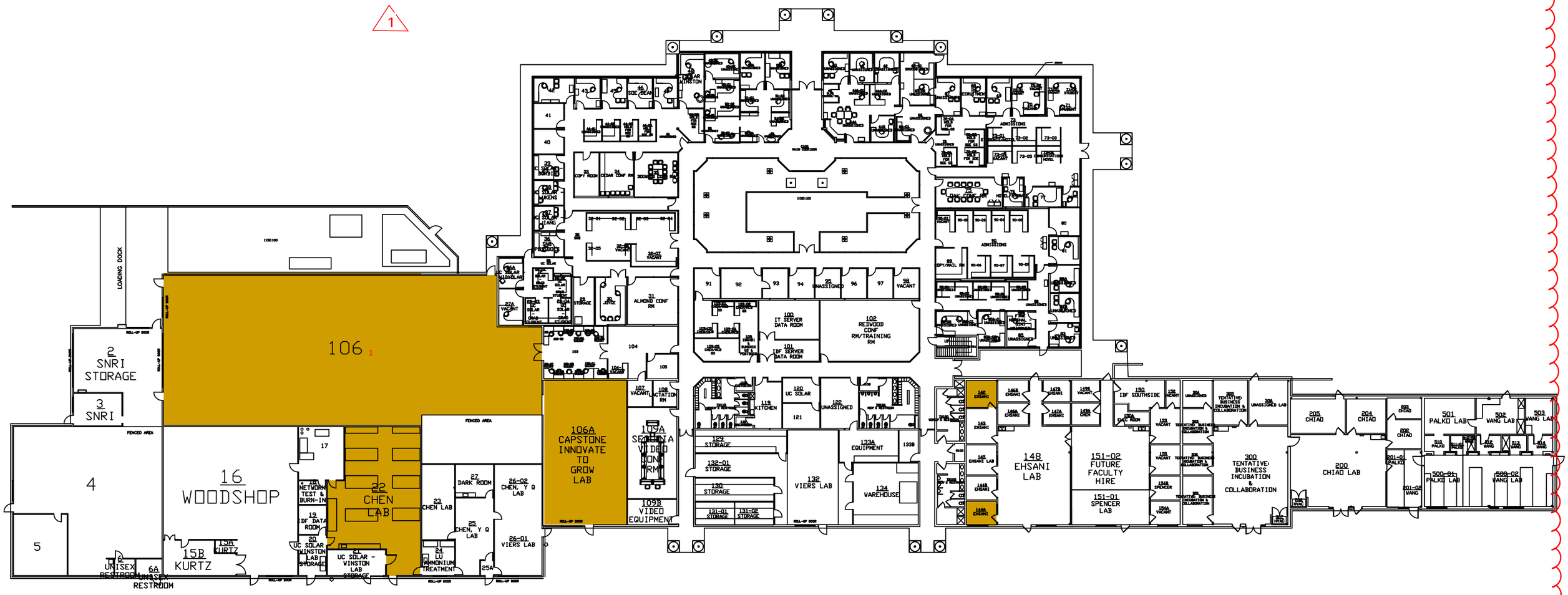


Attachment 4
Origin Buildings Floor Plans

CASTLE 1200
LEVEL 1

ORIGIN LOCATIONS

ADDENDUM 01

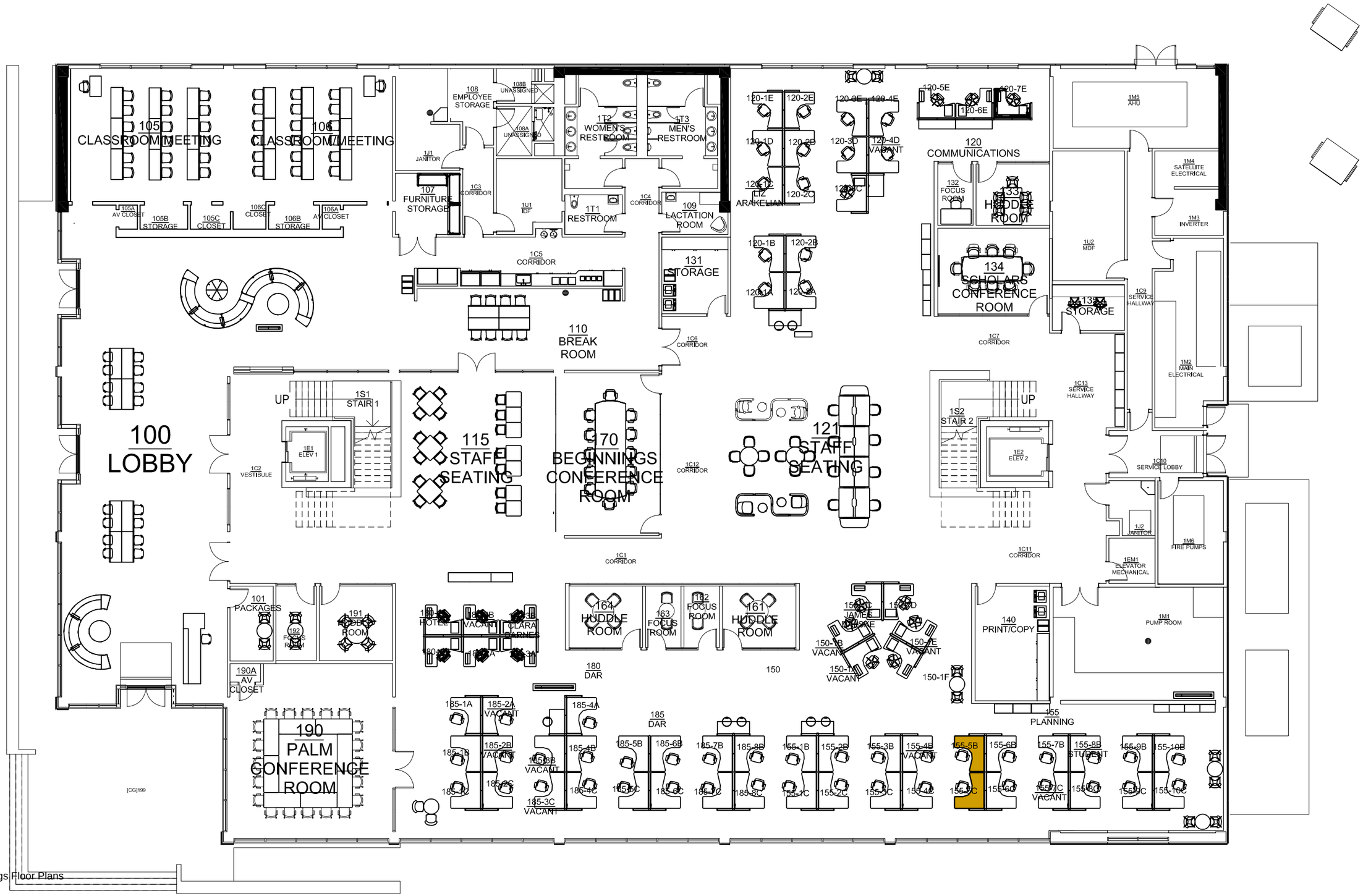


Attachment 4
Origin Buildings Floor Plans

DOWNTOWN CAMPUS CENTER
LEVEL 1

ORIGIN LOCATIONS

ADDENDUM 01



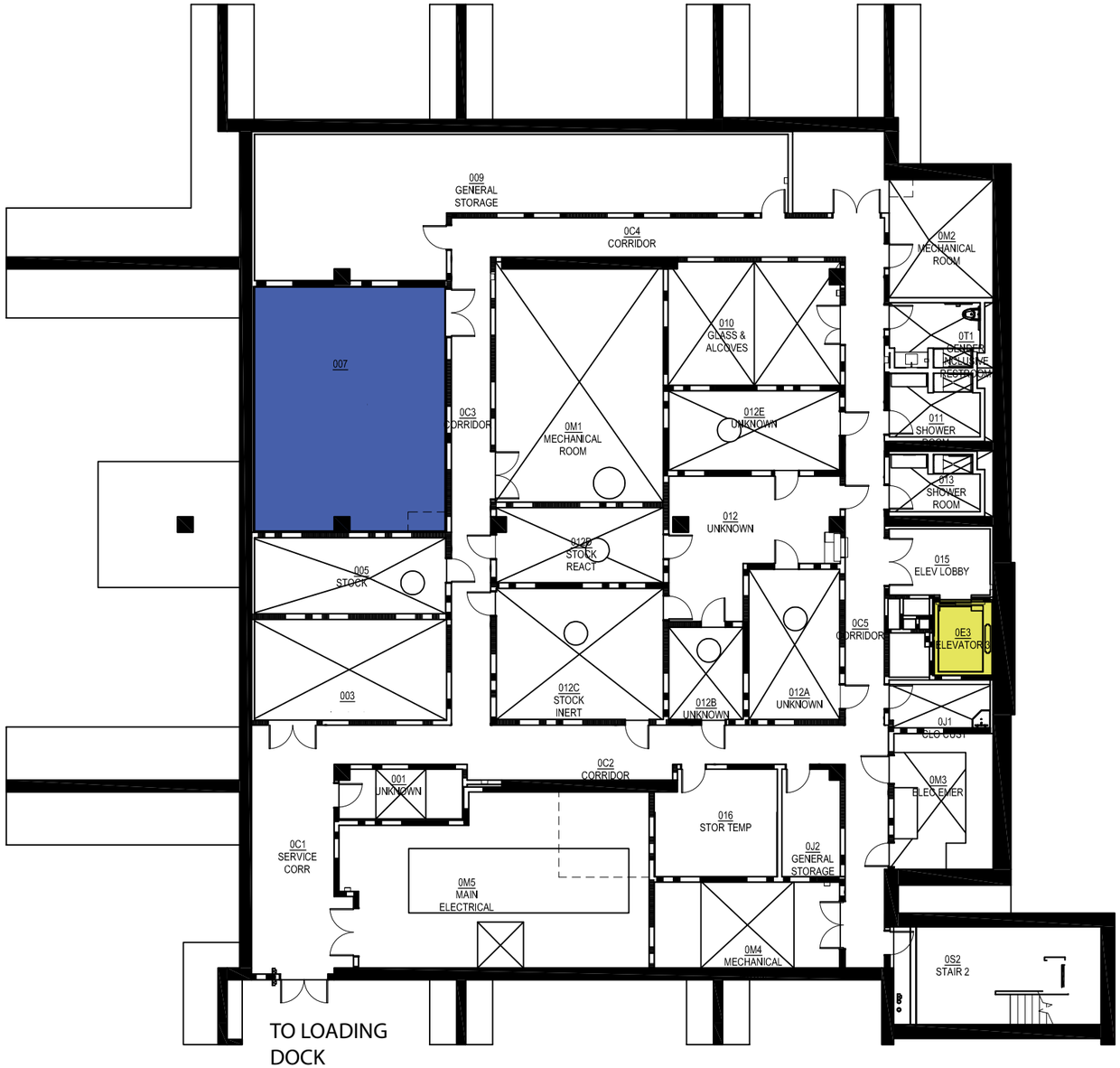
Attachment 4
Origin Buildings Floor Plans

BUILDING 2A

LEVEL B

DESTINATION LOCATIONS

SERVICE ELEVATOR



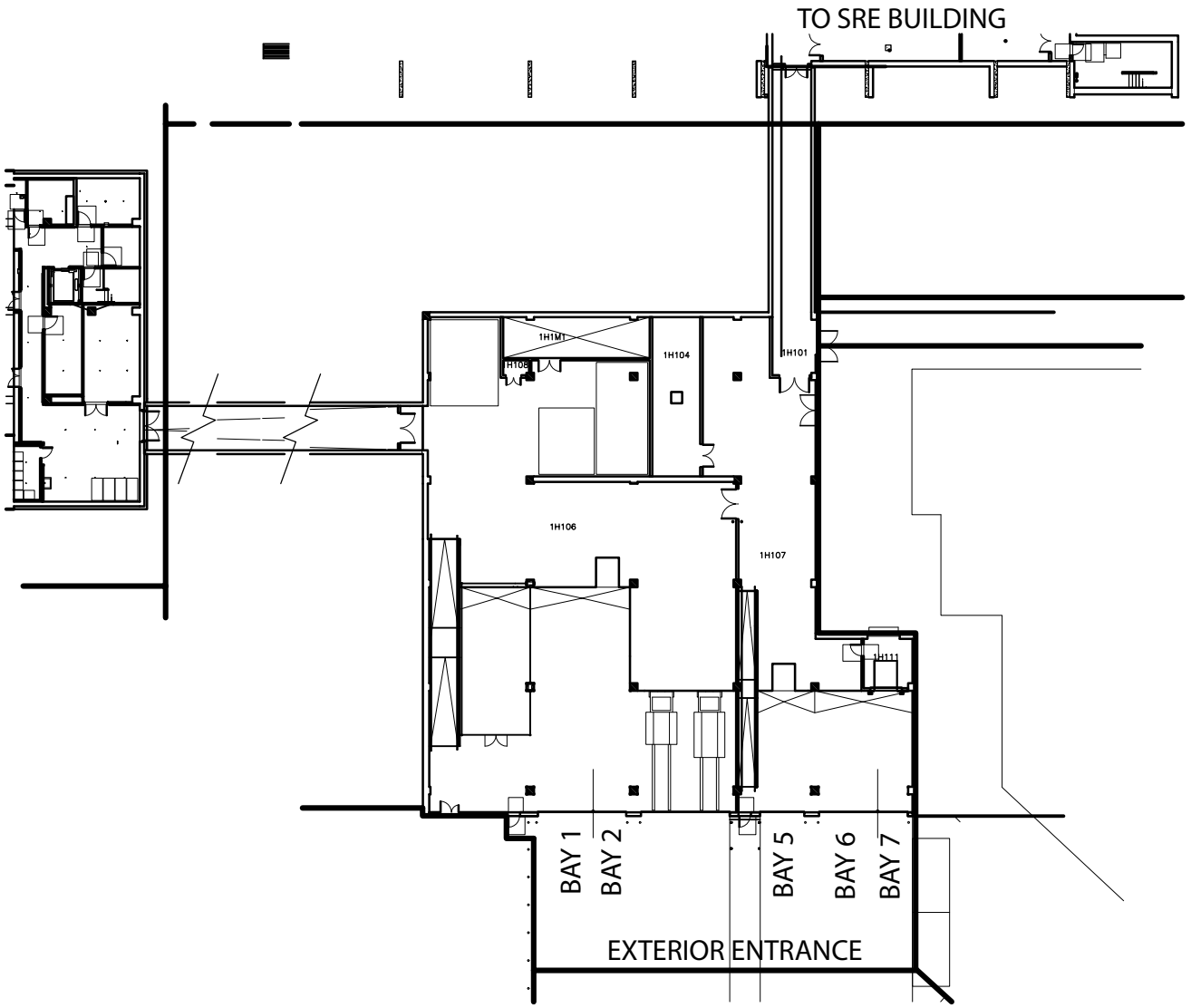
ATTACHMENT 05
DESTINATION BUILDING FLOOR PLANS

BUILDING 2A

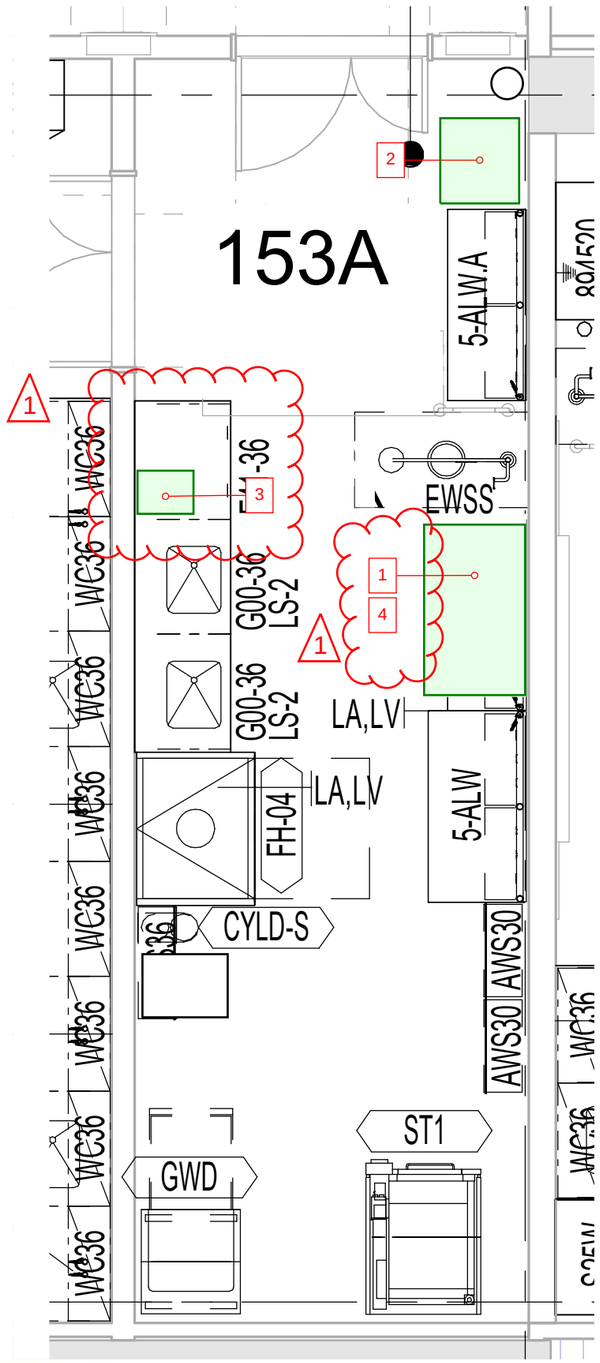
LEVEL 01

ATTACHMENT 05
DESTINATION BUILDING FLOOR PLANS

BELLEVUE LOADING DOCK
LEVEL B



ATTACHMENT 13
BELLEVUE LOADING DOCK FLOOR PLAN



1

ATTACHMENT 07
ADDENDUM 01

FACULTY NAME:
Biology Prep Room

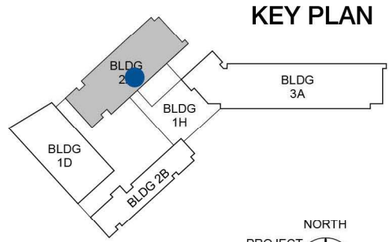
GROUP:
Class Lab

1

Laboratory Equipment Legend

Number	Description	Asset Tag
1	Biological Safety Cabinet	09428
2	Incubator	09427
3	Water Purification System	09426
4	Biological Safety Cabinet Stand	09429

KEY PLAN



SCALE: 1/4” = 1’-0”

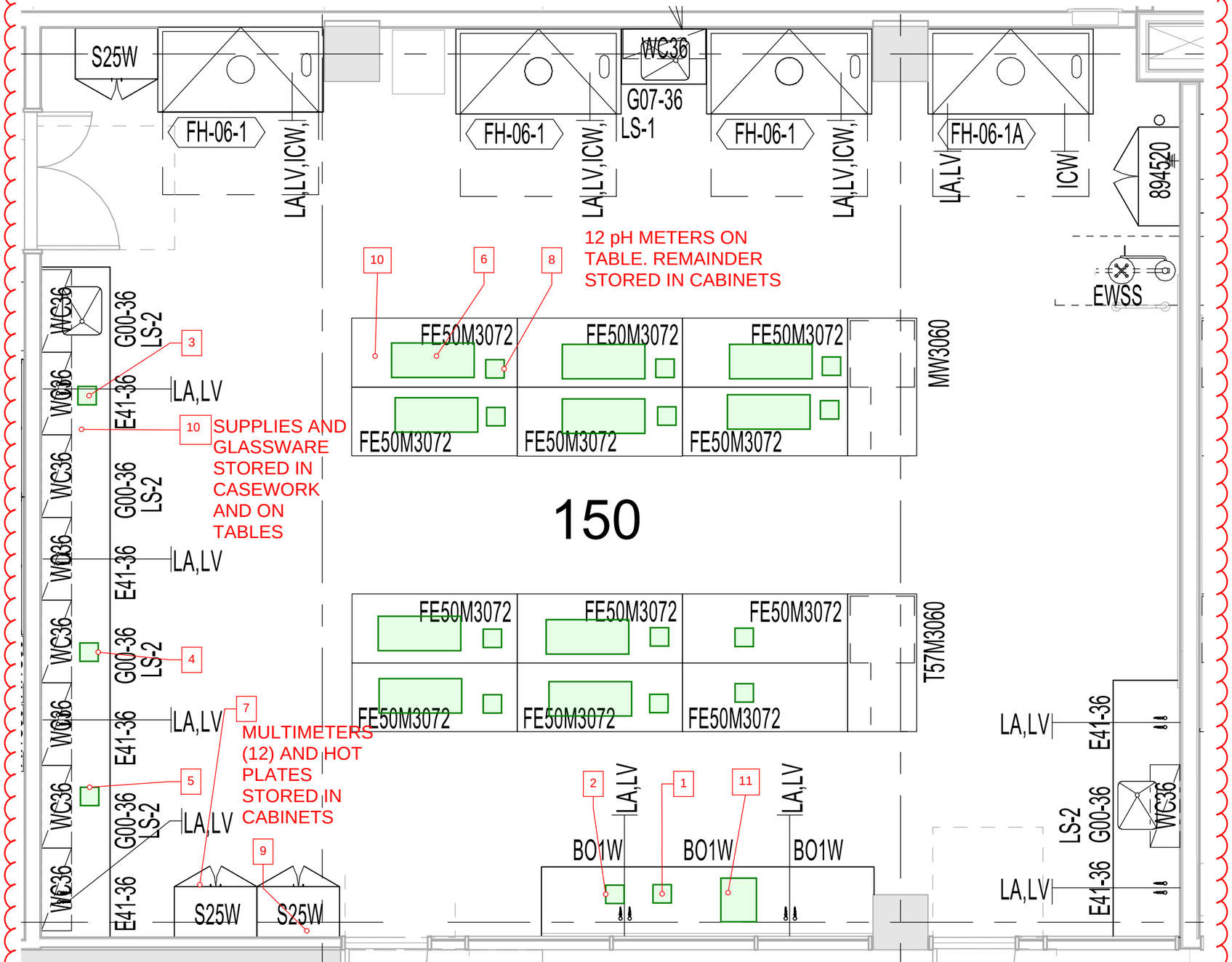
2020 BUILDING **ROOM #**

2A

criterion SYSTEMS

UCMERCED

DATE: MAY 28, 2019



SCALE: 1/4" = 1'-0"

ATTACHMENT 08
ADDENDUM 01

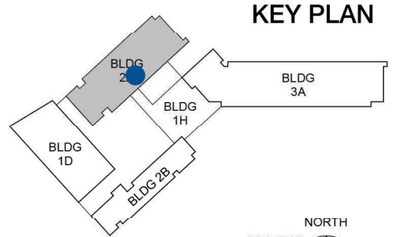
FACULTY NAME:
Chemistry Class Lab

GROUP:
Class Lab

Laboratory Equipment Legend

Number	Description	Asset Tag
1	Balance	07083
2	Balance	07078
3	Balance	07083
4	Balance	07084
5	Balance	07085
6	Monitor, LCD, for computer (10)	TBD
7	Multimeter, digital (12)	TBD
8	pH Meters (35)	TBD
9	Plate, Stirring, hot 7"x7" (20)	TBD
10	Supplies (including glassware)	TBD
11	Oven, drying, 0.6 cu. Ft.	TBD

KEY PLAN



criterion SYSTEMS

UCMERCED

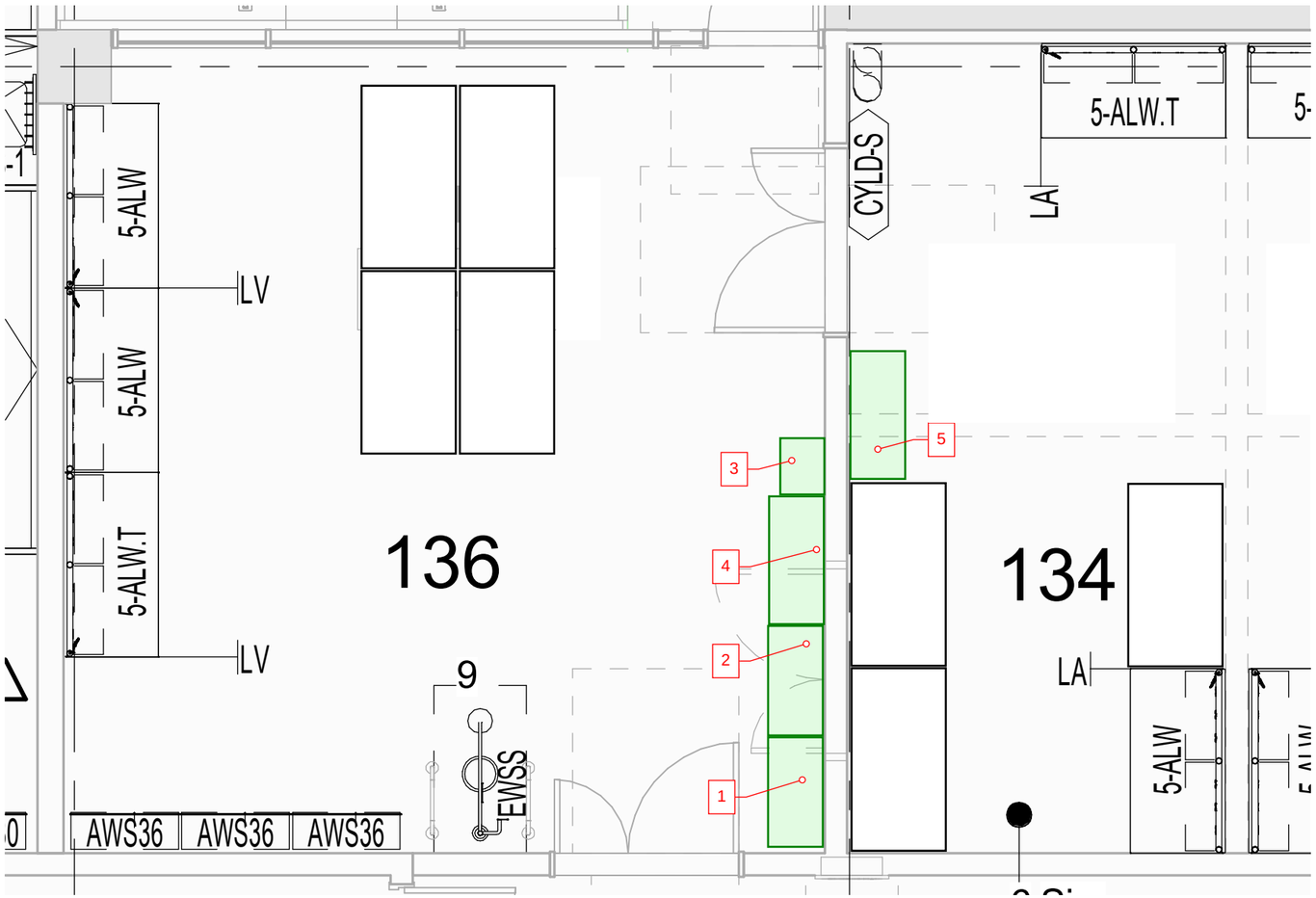
DATE: MAY 28, 2019

2020 BUILDING ROOM #

2A

Attachment 09

This attachment has been removed.



1

1

1

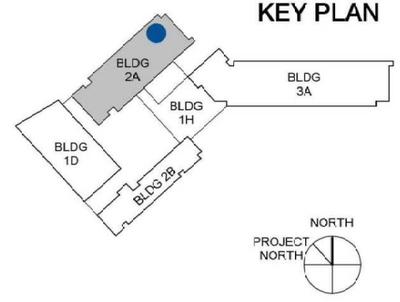
FACULTY NAME:
Reza Ehsani /
YangQuan Chen

GROUP:
Mechanical Engineering

Laboratory Equipment Legend

Number	Description	Asset Tag
1	Cabinet, File Lateral	09234
2	Cabinet, Storage	09233
3	Pedestal (2-Drawer)	09232
4	Cabinet, File Lateral	09231
5	Cabinet, File Lateral	09240

KEY PLAN



SCALE: 1/4" = 1'-0"

2020 BUILDING ROOM #

2A

criterion SYSTEMS

UCMERCED

DATE: MAY 28, 2019

ATTACHMENT 11
ADDENDUM 01

FACULTY NAME:
Machine Shop

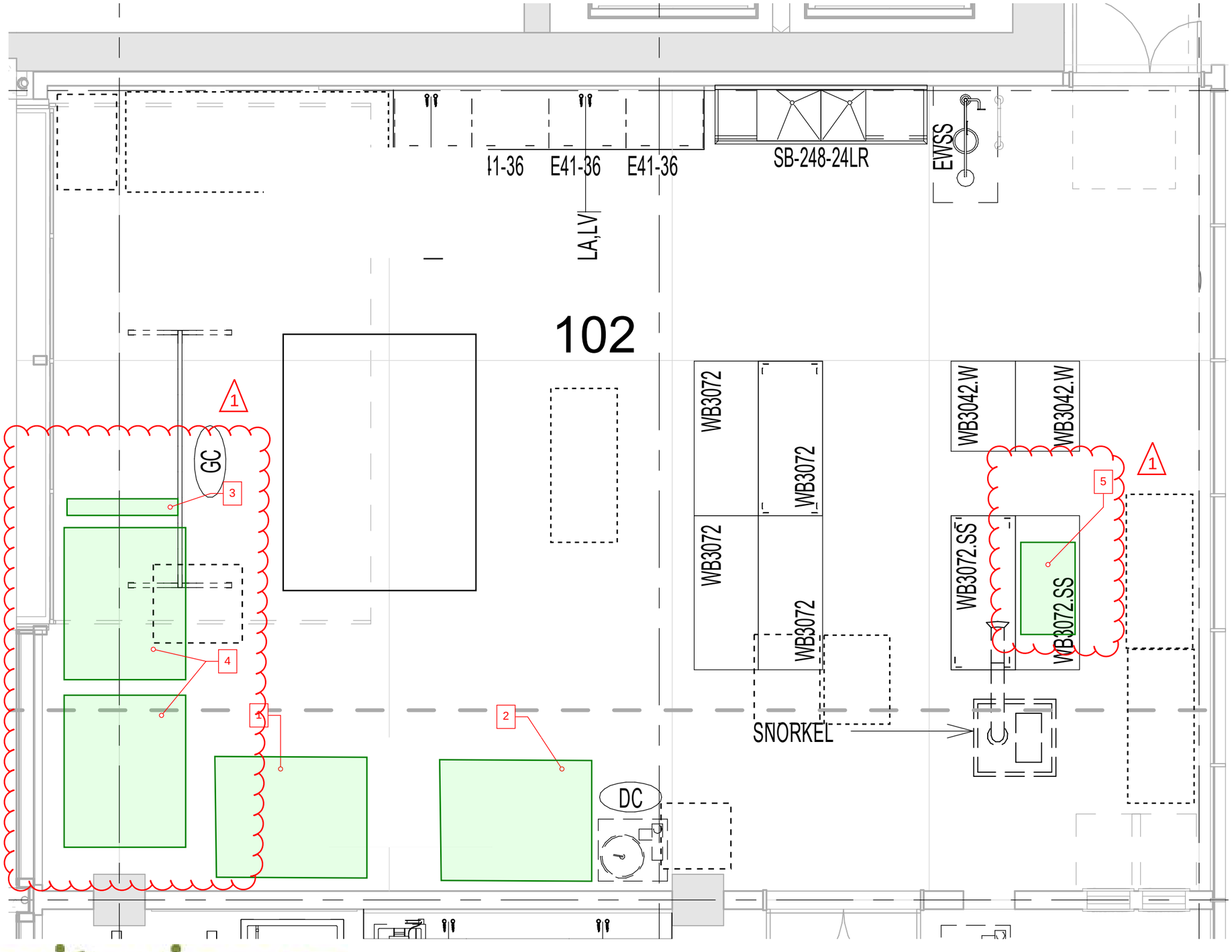
GROUP:
Mechanical Engineering

1

1

Laboratory Equipment Legend

Number	Description	Asset Tag
1	PCNC 1100	03316
2	PCNC 1100	03329
3	CNC Lift	TBD
4	CNC Enclosures	TBD
5	CNC	TBD



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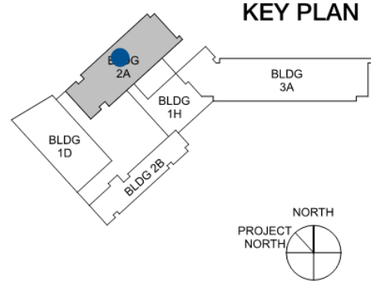


criterion SYSTEMS

UCMERCED

DATE: MAY 28, 2019

SCALE: 1/4” = 1’-0”

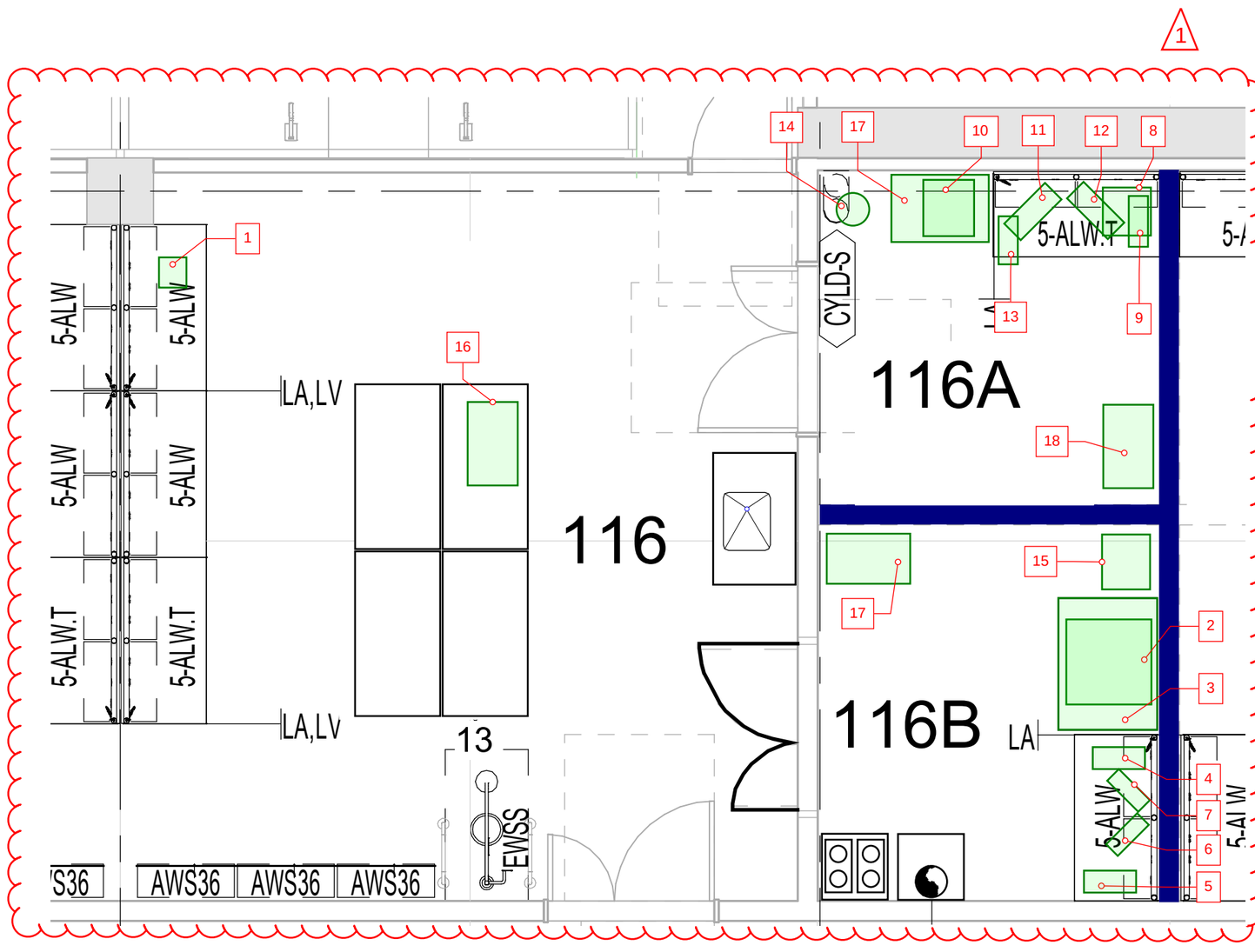
2020 BUILDING **ROOM #**

2A

1

FACULTY NAME:
Mehmet Baykara

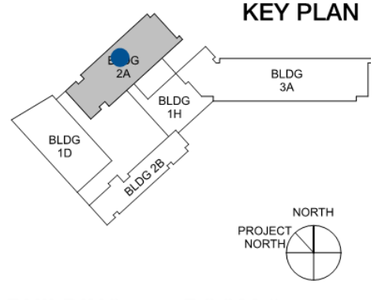
GROUP:
Mechanical Engineering



Laboratory Equipment Legend

Number	Description	Asset Tag
1	Microscope Illuminator	03324
2	Atomic Force Microscope	03319
3	TMC Vibration Isolation Table	03319
4	Computer	03321
5	Computer	03320
6	Monitor	03322
7	Monitor	03323
8	Atomic Force Microscope Electronics	03326
9	Computer	03327
10	Atomic Force Microscope	03325
11	Monitor	03329
12	Monitor	03330
13	UPS System	03328
14	Nitrogen Gas Cylinder	TBD
15	Atomic Force Microscope Electronics	03317
16	Miscellaneous Box Contents	TBD
17	Atomic Force Microscope Barble Balance Stand	03331
18	File Cabinet	TBD
19	File Cabinet	TBD

KEY PLAN



criterion SYSTEMS

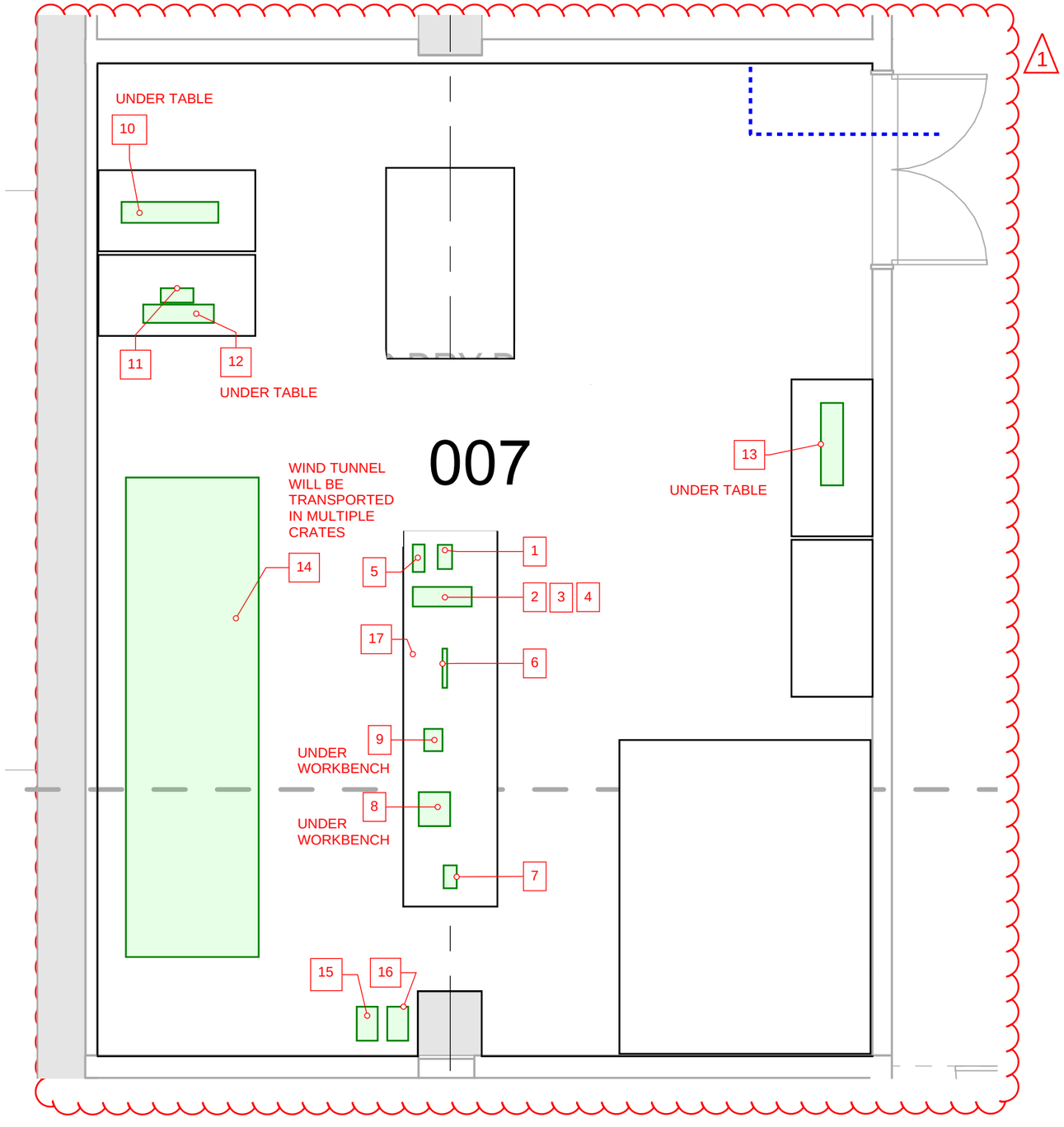
UCMERCED

DATE: MAY 28, 2019

SCALE: 1/4" = 1'-0"

2020 BUILDING ROOM #

2A



1

FACULTY NAME:
Shared Acoustics Lab

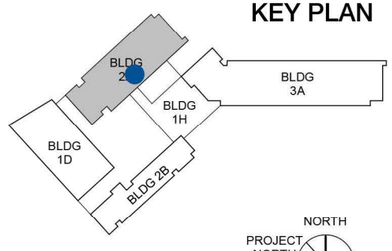
GROUP:
Mechanical Engineering

1

Laboratory Equipment Legend

Number	Description	Asset Tag
1	Blue Toolbox	04096
2	Aluminum Plate	04099
3	Aluminum Plate	04100
4	Aluminum Plate	04101
5	Pneumatic Acutator	04105
6	Linear Motion Actuator	04106
7	Vertical Drill	04110
8	Motor with Standing Frame	04112
9	Wooden Blue Box with Wheels	04121
10	Wind Tunnel Blue Box	04122
11	SRV Motor with Test Equipment	04123
12	Wooden Acoustic Box with Wheels	04126
13	White Acoustic Box with Wheels	04127
14	Wind Tunnel (3-boxes)	09236, 09237, 09238
15	Cabinet, File	04138
16	Cabinet, File	04139
17	Wooden Workbench	09235

KEY PLAN



SCALE: 1/4” = 1’-0”

criterion SYSTEMS

UCMERCED

DATE: MAY 28, 2019

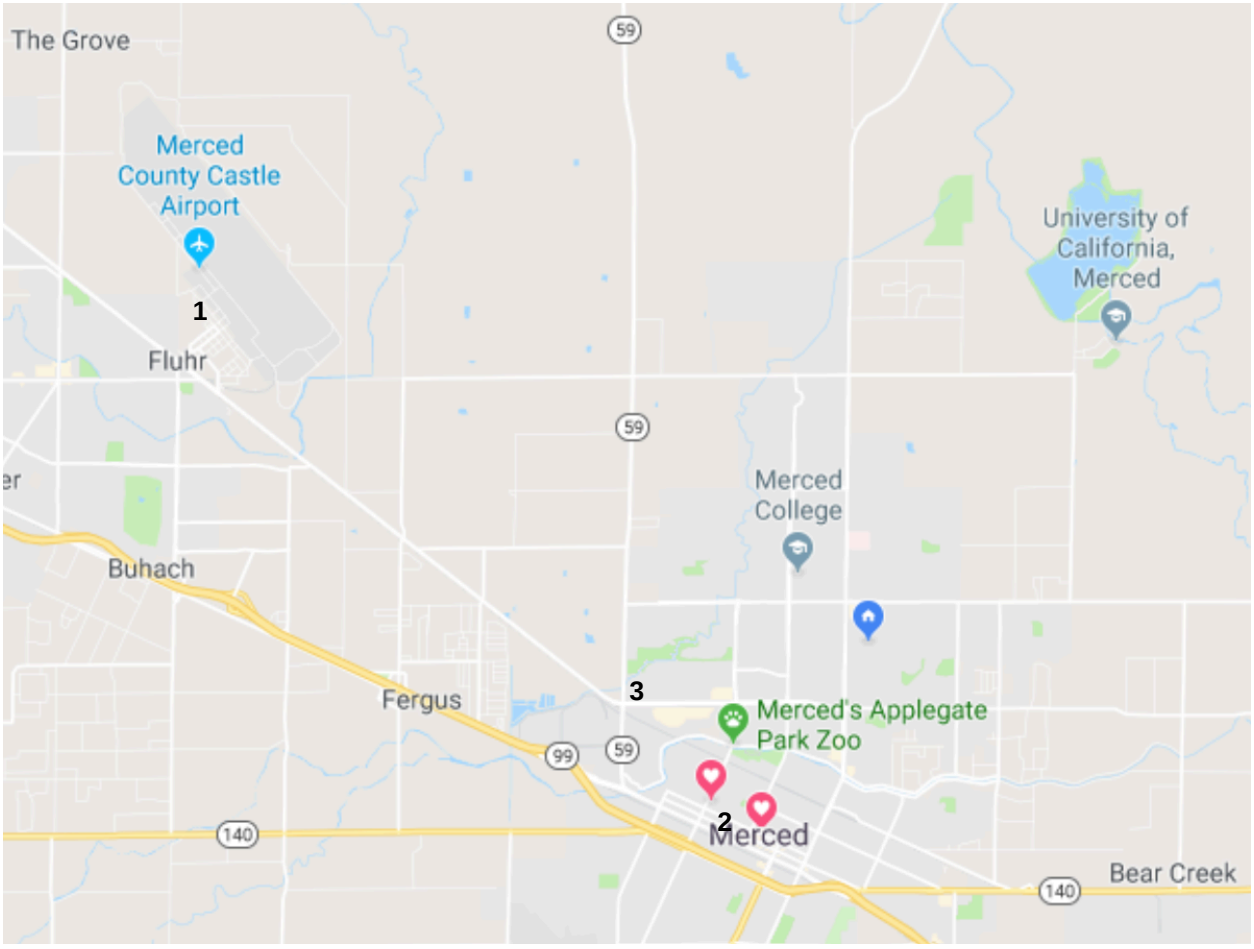
2020 BUILDING ROOM #

2A


Science & Engineering Building (SE1)
Science & Engineering II Building (SE2)
Sustainability Research & Engineering (2A)
Loading Dock

Other Locations Map

1. Castle Research Facilities Building 1200, 4225 N. Hospital Road, Atwater, CA 95340
2. Downtown Campus Center, 655 W. 18th Street, Merced CA
3. Olive Warehouse, 1985 Olive Avenue, Merced CA 95340



Each number shown on map identifies the address noted above

OFFICE MOVE MATRIX - PHASE 1

Existing Office Building Name	Existing Office #	New Building Name	New Office #
S&E 1	208-02	SRE	109A
S&E 1	208-01	SRE	109B
S&E 1	206-01	SRE	113A
S&E 1	206-02	SRE	113A
S&E 1	236	SRE	115A
S&E 1	208-03	SRE	108-01 (A-B)
S&E 1	208-04	SRE	103-02 (A-D)
DCC	155-05C	SRE	117B
DCC	155-05B	SRE	117A