ADDENDUM NO. 1

March 29, 2016

Re: USM Science Building Lab A203 Renovation
To: Bidders and All Others to Whom Bidding Documents have been issued by the Architect.

All items in this Addendum shall supersede or clarify the Bid Documents as originally issued. The cost of the Work of all trades affected by the changes in this Addendum shall be included in the Base Bid or Alternates as applicable.

This Addendum forms a part of the Contract Documents. It supplements and/or modifies them as follows:

Question and Clarifications

Question #1: After reviewing the drawings, all of the elevations of the cabinetry calls out spec 06 41 00. This spec section does not exist in the spec section. Should this refer to spec section 12 32 00 or is there also locally sourced millwork in this project?

Answer #1: Refer to Section 12 32 00 for wood casework requirements. Note the manufacturers are not limited to “lab specific” manufacturers. See Section 12 32 00, 2.01, A.

Question #2: Section 096500, page 4 of 7, 2.03, C., Slab Moisture Barrier System. Is this necessary for this project?

Answer #2: The Slab Moisture Barrier System is to be deleted from the specification. See revised Section 09 65 00.

Question #3: What is the thickness of the existing floor?

Answer #3: Per USM, the existing drawings indicate the floor is 8” thick.

Question #4: Will the first floor computer lab be used during construction?

Answer #4: Yes, the lab will need to remain online during construction and USM will coordinate the schedule with the successful bidder.

Specification

Revisions to the specification are indicated as follows in the reissued sections
New Items are indicated with **italics, bold and underline**
Deleted Items are indicated with **italics, bold and strikethrough**

Item No. 1: Section 00 00 00 Spec Cover CD
a) This section has been reissued herein

Item No. 2 SECTION 00 01 10 Table of Contents
a) This section has been reissued herein.
Item No. 3 SECTION 00 73 46 Wage Determination Schedule
   a) This section has been reissued herein.

Item No. 3 SECTION 01 23 00 Alternates
   b) This section has been added to the specification.

Item No. 5 SECTION 09 65 00 Resilient Flooring
   c) This section has been reissued herein.

Drawings

Architectural

Item No. 5 Drawing A0.1
   a) This section has been reissued herein.
      • Revise First Floor Reflected Ceiling Demo Plan to include Alternate No. 1.
      • Add CL3 to keyed demolition notes.
      • Add E21 to keyed demolition notes.

Item No. 6 Drawing A1.1
   a) Revise Partial First Floor Reflected Ceiling Plan to include Alternate No. 1. See sketch SKA-001.

Item No. 7 Drawing A6.1
   a) Revise detail J1/A6.1 per attached SKA-004.

Item No. 8 Drawing A7.1
   b) Add existing CMU partition to detail H9/A7.1. See sketch SKA-002

Item No. 9 Drawing A7.1
   a) Add existing CMU partition to detail H9/A7.1. See sketch SKA-003

Plumbing

No changes required to drawings.

Mechanical

Item No. 10 Drawing M-100
   a) Add (6) supply diffusers per attached SKM-01.

Electrical

Item No. 11 Drawing E-100
   a) Remove existing duplex receptacle above ceiling and replace with double duplex receptacle in same location per attached SKE-01.

END OF ADDENDUM NO. 1
Project Manual For:

University of Southern Maine
Portland, Maine

UNIVERISTY OF SOUTHERN MAINE
SCIENCE BUILDING LAB A203 RENOVATION

Bid Documents – Addendum No. 1, March 28, 2016

Project No: 16-005-00

Previously Issued:
(Bid Documents, March 17, 2016)
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WAGE DETERMINATION SCHEDULE

GENERAL

1.01 WAGE DETERMINATION SCHEDULE APPLICABLE TO THIS CONTRACT

A. State of Maine, Department of Labor, Bureau of Labor Standards, Wage and Hour Division, 2015 Edition, schedule attached, is the Wage Determination Schedule between the Owner and Contractor.

END OF SECTION
The Laborer classifications include a wide range of work duties. Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification.

Welders are classified in the trade to which the welding is incidental.

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs. Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et. seq., by any contractor holding a State contract for construction valued at $50,000 or more and any subcontractors to such a contractor.

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State.
SECTION 01 23 00
ALTERNATES

PART 1 GENERAL

1.01 SECTION INCLUDES
A. Description of alternates.
B. The Contractor shall provide all labor, materials, equipment, and services, etc., necessary for the proper and complete execution of accepted Alternates. Amount of Alternate prices to be added to or deducted from the Base Bid shall be stated on the Proposal Form and shall include cost of any and all modifications made necessary by Owner's acceptance of Alternates.
C. Related Work Described Elsewhere:
   1. Materials and methods to be used in the Base Bid and in the Alternatives are generally described in the Contract Documents.
   2. Method for stating the proposed Contract Sum is described in the Proposal Form.
D. This Section includes administrative and procedural requirements for alternates.
E. NOTE: Alternates will be carefully considered in the Owner's selection of a Contractor.

1.02 RELATED REQUIREMENTS
A. Document 00 21 13 - Instructions to Sub-bidders: Instructions for preparation of pricing for alternatives.
B. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.03 DEFINITIONS
A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
   1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.
   2. Hold pricing for 90 days from date of bid opening to allow Owner time for project accounting. Alternates not accepted before contract signing may be added by Change Order later.

1.04 ACCEPTANCE OF ALTERNATES
A. If the Owner elects to proceed on the basis of one or more of the described Alternates, make all modifications to the Work required in order to furnish and install the selected Alternate or Alternates to the approval of the Architect and at no additional cost to the Owner, other than as proposed on the Proposal Form.
B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
C. It shall be the responsibility of the Contractor to properly coordinate work related to Alternates with all other Work of this Contract in order to ensure that a complete and proper job is provided.
   1. Include as part of each Alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not mentioned as part of the Alternate.
D. Submit a Schedule of Values including adjustments to all Sections affected by accepted Alternates.
E. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner’s option. Accepted alternates will be identified in the Owner-Contractor Agreement.

F. Coordinate related work and modify surrounding work to integrate the Work of each alternate.

G. Execute accepted alternates under the same conditions as other work of the Contract.

H. Schedule: A Schedule of Alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

1.05 SCHEDULE OF ALTERNATES

A. Bid Alternate No.1: Computer Lab A103 Ceiling

1. Provide a price to remove existing suspended ceiling system and install a new suspended ceiling system in Computer Lab A103. Protect and provide temporary support of lights, diffusers, devices etc. during demolition and construction of new ceiling. Rework as required to facilitate ceiling replacement.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION
SECTION 09 65 00
RESILIENT FLOORING

PART 1 GENERAL

1.01 SECTION INCLUDES
A. Resilient tile flooring.
B. Resilient base.
C. Substrate patching and leveling as required.
D. Installation accessories.
E. Note: See Drawings for flooring pattern layouts.

1.02 RELATED REQUIREMENTS
A. Section 01 40 00 - Quality Requirements: Concrete slab moisture testing.
B. Section 03 54 00 - Cast Underlayment.

1.03 REFERENCE STANDARDS
B. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2011.
E. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete SubFloor Using Anhydrous Calcium Chloride, 2011
H. CAL (CHPS LEM) - Low-Emitting Materials Product List; California Collaborative for High Performance Schools (CHPS); current edition at www.chps.net/.
J. RFCI (RWP) - Recommended Work Practices for Removal of Resilient Floor Coverings; Resilient Floor Covering Institute; October 2011.
K. SCS (CPD) - SCS Certified Products; Scientific Certification Systems; current listings at www.scscertified.com.

1.04 SUBMITTALS
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
B. Product Data: Provide data on specified products, describing physical and performance characteristics; including sizes, patterns and colors available; and installation instructions.
C. Shop Drawings: Indicate seaming plan for all sheet goods. All proposed seams shall be indicated. Installation shall not begin prior to the Architect's review and acceptance.
D. Verification Samples: Submit samples, 6 x 6 inch in size illustrating colors and patterns for each resilient flooring product specified.

E. Concrete Testing:

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RESILIENT FLOORING
Section 09 65 00
1. Substrate moisture testing shall be provided by the Owner. Flooring installation shall not begin until testing results are within flooring manufacturer’s acceptable ranges.

F. Certification and Field Reports:
1. Prior to installation of flooring, submit written certification by each flooring manufacturer that condition of sub-floor is acceptable.
2. Submit copies of manufacturer's technical representative’s field reports for each field visit.

G. Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning, stripping, and re-waxing.

H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
1. See Section 01 60 00 - Product Requirements, and Section 01 78 00 - Project Close-out, for additional provisions.
2. Extra Flooring Material: 40 square feet of each type and color.
3. Extra Wall Base: 20 linear feet of each type and color.
4. Materials shall be in provided in unbroken packaging when job is complete. Notify the Architect in writing of the quantity and location of materials furnished. These materials may not be used by the Contractor for corrective work during the warranty period.

1.05 QUALITY ASSURANCE
A. All resilient flooring shall comply with ASTM E84 Flame Spread Rating of Class II (75 or less) and ASTM E662 Smoke Developed (450 or less) unless otherwise indicated.
B. All vinyl composition products shall be by a single manufacturer. All rubber products shall be by a single manufacturer, and all linoleum shall be by a single manufacturer unless otherwise directed or approved by the Architect.
C. All colors shall match as directed by the Architect and shall be from the same "color run" or "dye lot".
D. All adhesives shall be as recommended by the flooring product manufacturer and shall be formulated asbestos-free.

1.06 MOCK-UPS
A. See Section 01 40 00 - Quality Requirements, for general requirements for mock-up.
B. Construct sheet flooring mock-ups where indicated on the Drawings, incorporating all components specified for the location.
1. Minimum size of mock-up is indicated on the Drawings.
2. Approved mock-ups may remain as part of the Work.
C. Construct mock-up for each type of flooring transition to include leveling and shimming products, flooring on both sides of the transition and transition strips. The Owner shall test each mock-up for ease of movement for wheeled equipment. Flooring transitions shall provide smooth, bump-free transitions to facilitate movement of wheeled equipment and minimize tripping hazards.
1. Approved mock-ups may remain as part of the Work.

1.07 PRE-INSTALLATION MEETING
A. Convene a pre-installation meeting after the results of slab testing are available and at least two weeks before starting work of this Section; require attendance by the Contractor, a technical representative from each flooring manufacturer, flooring installer, Architect and Owner, to review slab moisture levels, floor surface conditions and preparation requirements, materials, installation procedures and coordination of related work.
1. A field report summarizing the findings and recommendations from this meeting shall be issued by the technical representatives and copied to the Owner and Architect.
2. Written certification from each flooring manufacturer that condition of sub-floor is acceptable for flooring installation shall be issued and copied to the Owner and Architect.
3. If a slab sealer or other remedial work is required to make the condition of the sub-floor acceptable for the flooring installation, slab preparation and slab sealer product installation shall be field reviewed by the manufacturer's technical representatives and application tested (thickness, adhesion, etc) to confirm compliance with product recommendations.

1.08 DELIVERY, STORAGE, AND PROTECTION
A. Protect roll materials from damage. Store roll material as directed by the manufacturer. All resilient flooring materials shall be stored in undamaged condition as packaged by the manufacturer, with manufacturer's seals and labels intact.

1.09 FIELD CONDITIONS
A. See Section 01 00 00 - General Requirements, for minimum indoor air quality improvement requirements.
B. Maintain temperature in storage area between 65 degrees F and 90 degrees F.
C. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability. Thereafter, maintain conditions above 55 degrees F.

1.10 WARRANTY
A. See Section 01 78 00 - Project Close-out, for additional requirements.
B. Provide manufacturer's product warranty. See product listing for term.

PART 2 PRODUCTS

2.01 TILE FLOORING
A. Vinyl Composition Tile Type VCT-1: ASTM F1066, Class 2.
   1. Critical Radiant Flux: Minimum 0.45 watt per sq cm per ASTM E 648.
   2. Smoke Developed, ASTM E662: Pass, 450 or less.
   4. Size: 12 x 12 inch.
   5. Thickness: 0.125 inch.
   6. Colors / Patterns: [See Finish Schedule].
   7. Products: (Basis of Design) Excelon Imperial by Armstrong World Industries, Inc
   8. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 RESILIENT BASE
A. Resilient Base Type RB-1: Type TP, rubber, thermoplastic; rubber coated PVC; field made outside corners.
   1. Provide cove base at resilient flooring.
   2. Fire Resistance, ASTM E84: Class A.
   3. Critical Radiant Flux, ASTM E648: Class 1; minimum 0.45 watt per sq cm.
   4. Height: 4 inches and as indicated in the Finish Legend.
   5. Thickness: 0.125 inch thick.
   7. Length: Coils in manufacturer’s longest available, standard length.
   9. Warranty: Two years.
   10. Products: Manufacturers: Subject to compliance with requirements, provide products to match existing. Available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following
       1. Johnsonite; A Tarkett Company.
       2. Armstrong World Industries; Commercial Flooring Division.
       4. Flexco.
       5. Roppe, Corporation USA.
11. Substitutions: See Section 01 60 00 - Product Requirements.

2.03 ACCESSORIES

A. Subfloor Patching Compounds: Cementious type recommended by adhesive material manufacturer and flooring manufacturer. Calcium sulphate, plaster or gypsum based toppings, leveling and patching compounds are not acceptable.
   1. Slope / Build-up Product: SD-P by Ardex.

   1. Substrate preparation and conditions shall be reviewed and confirmed with the manufacturer's technical representative prior to installation.
   2. Slab primer as recommended by the underlayment manufacturer.
   4. Products:

C. Slab Moisture Barrier System: Epoxy slab coating for moisture vapor remediation and primer coat. System shall be surfaced with a self-leveling cementitious underlayment for resilient finish flooring.
   1. Moisture Vapor Control Coating; VOC regulation compliant; Low odor.
      a. VOC content <10 g/l
   2. Substrate preparation and conditions shall be reviewed and confirmed with the manufacturer's technical representative prior to installation.
   3. Warranty:
      a. Koster; 15 years.
   4. Products: As recommended by each flooring manufacturer for each flooring product.
   5. Products:
      a. VAPI 2000 coating, VAPI 06 primer by Koster.
      b. Defender coating, MP Primer by Chapco, a division of H.B. Fuller.
      c. AquArmor MCS by General Polymers - Sherwin Williams.
      d. Moisture Limiter by Forbo.

D. Scribing Felt: As recommended by the flooring manufacturer.

E. Primers, Adhesives, and Seaming Materials: Waterproof; low VOC types recommended by flooring manufacturers.
   1. Provide only products having lower volatile organic compound (VOC) content than required by the more stringent of the South Coast Air Quality Management District Rule No.1168 and the Bay Area Air Quality Management District Regulation 8, Rule 51.

F. Flooring Transitions:
   1. At resilient flooring to resilient flooring transition: No transition strip. Use scribing felt at unequal thickness products.

G. Filler for Coved Base: Plastic.

PART 3 EXECUTION

3.01 GENERAL

A. Base shall be continuous as scheduled unless otherwise approved by the Architect. Base shall return to door or window frames at all openings.

B. Unless otherwise approved by the Architect, flooring materials shall extend below fixed casework and millwork to cover the entire floor areas. Where integral base is provided, it shall extend behind casework to form a watertight base.

C. Work shall not be started until work of other trades, which goes through resilient flooring, has been completed.
D. Thoroughly clean the flooring substrate.

3.02 EXAMINATION AND FIELD TESTING

A. Verify that surfaces are flat to tolerances acceptable to flooring manufacturer, free of cracks that might telegraph through flooring, clean, dry, and free of curing compounds, surface hardeners, and other chemicals that might interfere with bonding of flooring to substrate.
   1. Concrete Slabs: Verify substrate conforms to ASTM F710. Perform adhesive bond tests and water absorption tests.

B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive resilient base.

C. Substrate surface pitch shall be confirmed with a laser level for conformance to pitch requirements. Report results to Architect and Owner.

D. Cementitious Subfloor Surfaces: Verify that substrate conforms to ASTM F710.
   1. Obtain instructions if test results are not within limits recommended by resilient flooring manufacturer and adhesive materials manufacturer.

E. Owner's testing agency shall test concrete slab surfaces prior to installation of any flooring. Test results shall be made available to the contractor for determination of acceptability by the flooring and adhesives manufacturers. Contractor shall obtain instructions from flooring manufacturers if test results are not within their recommendation limits. Testing shall include:
   1. Internal relative humidity rates per ASTM F2170
   2. Alkalinity, pH rates per ASTM 710.

F. If remedial work is recommended by the flooring and adhesive manufacturers, the preparation for and installation of moisture control coatings shall be inspected by the product manufacturer's technical representative and tested for adequacy by the Owner's testing agency prior to resumption of the flooring installation.

G. Any conditions that could adversely affect the flooring installation shall be corrected, prior to proceeding with the Work. Commencement of the installation of flooring shall be considered acceptance of the concrete slab as being suitable for the intended application. Any conditions that could adversely affect the flooring installation shall be brought to the Contractor's attention, for resolution, prior to proceeding with the Work.

3.03 PREPARATION

A. Remove existing resilient flooring and flooring adhesives; follow the recommendations of RFCI Recommended Work Practices for Removal of Resilient Floor Coverings.

B. Prepare subfloor surfaces as recommended by flooring and adhesive manufacturers.

C. Remove subfloor ridges and bumps. Fill minor low spots, cracks, joints, holes, and other defects with subfloor patching compound to achieve smooth, flat, hard surface. Provide transition strips directly over construction joints between new and existing floor slabs where applicable.

D. Resilient flooring shall not be installed over floors that have been treated with chemical compounds. Remove coatings, including curing compounds, and other substances that are incompatible with flooring adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by the manufacturer. Do not use solvents.

E. Subfloor surfaces shall not vary more than plus or minus 1/8" in any 10' dimension. Neither shall they vary at a rate greater than 1/16" per running foot. Leveling compound shall be used for larger areas.
   1. For subfloor surfaces intended to slope to floor drains, build-up product shall be installed precisely to create proper pitch. Floor pitch shall be laser verified with results submitted to the Architect and Owner.

F. Flooring work shall not be started until the work of other trades, which penetrates flooring area, has been completed.
G. All flooring surface transitions shall be as smooth and level as possible. Resilient flooring shall be laid flush with all adjacent flooring materials. Fill edge of subfloor adjacent to higher flooring with approved crack and leveling filler as required to provide a smooth transition. Filler shall be feathered back to subfloor a minimum of one foot for each 1/16" of thickness.

H. Prohibit traffic until filler is cured.
I. Clean substrate.

3.04 INSTALLATION
A. Starting installation constitutes acceptance of sub-floor conditions.
B. Install in accordance with manufacturer's instructions.
C. Spread only enough adhesive to permit installation of materials before initial set.
D. Fit joints tightly.
E. Set flooring in place, press with heavy roller to attain full adhesion.
F. Where type of floor finish, pattern, or color are different on opposite sides of door, terminate flooring under centerline of door.
G. Install terminations as identified above. In general, flooring substrates shall be shimmed to provide a level transition between flooring surfaces without transition strips.
H. Install edge strips at unprotected or exposed edges, where flooring terminates, and where indicated.
I. Scribe flooring to walls, columns and other appurtenances to produce tight joints.

3.05 TILE FLOORING
A. Mix tile from container to ensure shade variations are consistent when tile is placed, unless manufacturer's instructions say otherwise. Lay tile in pattern and grain direction as directed by the Architect.
B. Lay flooring with joints and seams parallel to building lines to produce symmetrical tile pattern.

3.06 RESILIENT BASE
A. Fit joints tightly and make vertical. Maintain minimum dimension of 18 inches between joints. Install wall base in lengths as long as without gaps at seams and with tops of adjacent pieces aligned. Tightly adhere wall base to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
B. Miter internal corners. At external corners, "V" cut back of base strip to 2/3 of its thickness and fold. Special attention shall be paid to firmly securing base around bull nose corners.
C. Install base on solid backing. Bond tightly to wall and floor surfaces.
D. Scribe and fit to door frames and other interruptions. Install base on all built-in cabinets, locker bases, etc., unless specifically indicated otherwise. Base shall extend around all sides of cabinetwork.

3.07 FIELD QUALITY CONTROL
A. See Section 01 40 00 - Quality Requirements, for general requirements for field quality control and inspection.
B. Manufacturer's Inspections: Following the requirements for pre-installation field meeting and sub-floor preparations for the flooring installation, inspections shall be made by technical representatives of each flooring system manufacturer at the following points in the flooring installation:
   1. First, early in the installation process to ascertain that flooring procedures and details discussed at the pre-construction meeting are being followed.
   2. Second, at the completion of the installation, to review the completed installation. Manufacturer's technical representative's field reports for each site visit shall be copied to the Owner and Architect.
3.08 CLEANING
   A. Immediately after installation, remove excess adhesive and other blemishes from floor, base, and wall surfaces without damage.
   B. Clean in accordance with manufacturer's instructions.
   C. Promptly correct work rejected by the Architect. Any tiles that require replacement shall be waxed.

3.09 PROTECTION
   A. Prohibit traffic on resilient flooring for 48 hours after installation. Protect flooring against marks and damage from construction operations utilizing methods recommended by the flooring manufacturer. Cover tiles with undyed building paper until inspection for Substantial Completion.

END OF SECTION
Science Building
Lab A203 Renovation

1. THE DEMOLITION PLANS AND ELEVATIONS ILLUSTRATE THE CONCEPT OF THE
ARCHITECTURAL DEMOLITION. THEY ARE NOT INTENDED TO BE A COMPLETE
REPLACEMENT OF THE CONSTRUCTION DOCUMENTS. IT IS THE INTENT OF THE
DRAWINGS AND SPECIFICATIONS TO REQUIRE THE DEMOLITION TO BE CONSIDERED
WHEN DETERMINING THE SCOPE OF DEMOLITION. THE DEMOLITION PLANS AND
ELEVATIONS ARE TO BE CONSIDERED DURING DEMOLITION AND CONSTRUCTION OF
NEW CEILING.

2. ALL OPENINGS IN MASONRY CONSTRUCTION ARE DIMENSIONED TO THE FACE OF
MASONRY.

3. ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT
CEILINGS SHALL BE CAREFULLY COORDINATED AND CAREFULLY PROTECTED.

4. REMOVE CONCRETE SLABS AND FILLS AS REQUIRED FOR INSTALLATION OF
NEW FLOOR FINISH. GC TO PREPARE FLOOR SLAB TO RECEIVE NEW FLOOR FINISH.

5. REMOVE STUDENT TABLE AND PEDESTAL OUTLET BOX. SEE ELECTRICAL
DRAWINGS.

6. REMOVE WINDOW TREATMENTS COMPLETELY. REMOVE DOOR LATCH HARDWARE
ONLY.

7. ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT
CEILINGS SHALL BE CAREFULLY COORDINATED AND CAREFULLY PROTECTED.

8. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING DIMENSIONS.  ALL
DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL DIMENSIONS SHALL BE
CORRECTED TO THE SATISFACTION OF THE CONTRACTOR. GC TO PREPARE FLOOR
SLAB TO RECEIVE NEW FLOOR FINISH.
PARTIAL FIRST FLOOR REFLECTED CEILING PLAN REVISES C1/A1.1

Science Building     Lab A203 Renovation

ALTERNATE NO. 1: COMPUTER LAB A103 CEILING
BASE BID: PROVIDE ACT-2 CEILING. SEE CEILING LEGEND FOR ADDITIONAL INFORMATION
ALTERNATE: INSTALL ACT-1 THROUGHOUT LAB A103. MATCH HEIGHT AND LAYOUT OF EXISTING GRID. REINSTALL ALL EXISTING LIGHTS, DIFFUSERS AND DEVICES

EXISTING 1X4 LIGHT FIXTURES TO REMAIN, TYP
EXISTING DIFFUSERS TO REMAIN, TYP
EXISTING PENDANT LIGHT FIXTURES TO REMAIN, TYP
LOCATION OF POKES-THRU ABOVE
COORDINATE LOCATION WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN, TYPICAL

SCALE

3/29/2016 1:00:01 PM
ADDED TRANSFER SUPPLY AIR GRILLES
CHANGES TO DRAWING ED-100

G11 KEYNOTES

CHANGES TO DRAWING E-100

J8 LEVEL 2 POWER AND SYSTEMS PLAN

1/4" = 1'-0"

PROJECTOR RECEPTACLE- DWG. ED-100 & E-100

Science Building  Lab A203 Renovation

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