

ADDENDUM NO 2

ISSUE DATE: **September 21, 2018**

RE: **CONNECTED SYSTEMS INSTITUTE
UNIVERSITY OF WISCONSIN - MILWAUKEE
UWSA Project No. B-17-019**

BID OPENING: **For GENERAL PRIME CONTRACTORS: 2:00 PM, TUESDAY, OCTOBER 2, 2018**

FROM: **Hammel, Green and Abrahamson, Inc. Architects and Engineers
333 East Erie Street
Milwaukee, WI 53202**

TO: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Contract Documents dated **August 27, 2018** as noted below. Acknowledge receipt of this Addendum by inserting the number and issue date of this addendum in the blank space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of **twelve (12) pages (This text document of 2 pages, Spec. Section 09 67 23, and Drawings A101 and A600).**

IMPORTANT GENERAL REMINDER: It was noted at the Pre-Bid Walkthrough, but warrants repeating here: All contractors submitting a bid **MUST** be pre-approved by the state. Please follow the information in the Instructions to Bidders, Spec. Section Division 1, and submit a completed Request for Subcontractor Approval Form; per the Spec. instructions.

CHANGES TO BIDDING REQUIREMENTS:

NONE in this Addendum

CHANGES TO CONDITIONS OF THE CONTRACT:

1. Division 1 – General Requirements. Item 3. Special Conditions. On page GR-3; Delete lines 17 and 18 and replace with the following text, “Any portion of the designated work area is the area that should be used by workers for eating lunch. The building restrooms are not to be used by Contractors, See Item 20. ‘Toilets’ in these General Requirements for additional information and see Sheet A021 ‘Construction Logistics Plan’ for additional information on temporary toilet facilities and locations.”
2. Division 1 – General Requirements. Item 5. Hazardous Substances. On page GR-4; at the end of Line 16 ADD the following additional text, “The owner will contract separately with an abatement remediation contractor, and in addition the owner’s abatement contractor will complete the WDNR # 4500-113.”
3. Division 1 – General Requirements. Item 26. Temporary Heat. Delete Line 5 on Page GR-9 and replace with the following text, “The existing hot water fin-tube radiation system is anticipated to be used for temporary heat.”
4. Division 1 – General Requirements. Item 26. Temporary Heat. In Line 26, delete the last sentence which reads, “Cost of fuel to operate portable units shall be paid by the General Prime Contractor.” It is anticipated that the existing hot water fin-tube radiation system will be used for temporary heat.

CHANGES TO SPECIFICATIONS (DIVISIONS 2 THRU 28):

5. SECTION 09 67 23 – RESINOUS FLOORING

- a. Revised section to change Basis of Design Product to: Stonhard, Stonshield SLT, color: Stonhard Ash.
- b. Refer to attached Spec. section update

CHANGES TO DRAWINGS:

6. A101 – DEMOLITION PLAN

- a. Changed Keynote 1 from “desk” to “bench”. Note, desk demolition previously indicated and currently in space will be demolished by owner. Existing bench to be demolished, as indicated in drawing.
- b. Clarified keynote locations

7. A600 – INTERIOR ELEVATIONS

- a. Added additional detail 6/A600, defining scope of entry signage
- b. Modified detail 1 to be consistent with detail 6.

END OF ADDENDUM

Hammel, Green and Abrahamson, Inc. Architects and Engineers
333 East Erie Street
Milwaukee, WI 53202

For the Board of Regents of the University of Wisconsin
On Behalf of the University of Wisconsin – Madison
1860 Van Hise Hall, 1220 Linden Drive
Madison, Wisconsin 53703

1 **SECTION 09 67 23**
2 **RESINOUS FLOORING**

3 *Revised Addendum 2, September 21, 2018*

4 **PART 1 - GENERAL**

5 **SUMMARY**

6 Section Includes:

7 Resinous flooring system (RES-1).

8 Preparation of concrete substrate to receive resinous flooring.

9 Related Sections:

10 Section 033000 - Cast-In-Place Concrete: for concrete substrates to receive resinous flooring.

11 Section 079000 - Joint Protection: for sealants installed at joints in resinous flooring systems.

12 Section 096500 - Resilient Flooring

13 **SUBMITTALS**

14 Product Data: For each type of product specified. Include manufacturer's technical data, installation
15 instructions, and recommendations for each resinous flooring component required

16 Shop Drawing: Provide a dimensioned shop drawing indicating the resinous flooring as indicated,
17 include details of the integral coved base and terminations.

18 Samples: Provide samples for each resinous flooring system required, 6 inches square, applied by
19 Installer for this Work to a rigid backing, in color, texture, and finish indicated. Where finishes
20 involve normal color and texture variations, include sample sets showing the full range of variations
21 expected.

22 Test Reports:

23 Adhesion Test Report

24 **QUALITY ASSURANCE**

25 Installer Qualifications: Manufacturer's authorized representative who is trained and approved for
26 installation of flooring systems required for this Project.

27 Engage an installer who is certified in writing by resinous flooring manufacturer as qualified to
28 apply resinous flooring systems indicated.

29 Single Source Responsibility: Obtain primary elastomeric flooring materials including primers,
30 resins, hardening agents, finish or sealing coats from single manufacturer with not less than 3 years
31 of successful experience in supplying principal materials for work of type described in this section.

32 Provide secondary materials only of type and from source recommended by manufacturer of
33 primary materials.

34 Product shall withstand anticipated traffic and be VOC compliant product.

35 Preinstallation Conference: Conduct conference at Project site.

36 **DELIVERY, STORAGE, HANDLING**

37 Store materials in dry, protected area with minimum temperature of 55 degrees F and away from
38 fires or open flames.

PROJECT CONDITIONS

Environmental Limitations: Comply with resinous flooring manufacturer's written instructions for substrate temperature, ambient temperature, moisture, ventilation, and other conditions affecting resinous flooring installation.

Lighting: Provide uniform and sufficient lighting in areas of installation.

Close spaces to traffic during resinous flooring application and for not less than 24 hours after application, unless manufacturer recommends a longer period.

Ventilate area in which flooring is being applied as required.

COORDINATION

Concrete Curing: Coordinate curing methods with manufacturer's requirements for substrate compatibility.

PART 2 - PRODUCTS

PERFORMANCE REQUIREMENTS

Source Limitations: Obtain primary elastomeric flooring materials including primers, resins, hardening agents, grouting coats, topcoats, finish and sealing coats from single manufacturer with not less than 3 years of successful experience in supplying principal materials for work of type described in this section.

Obtain secondary materials, including patching and fill material, joint sealant, and repair materials, of type and from manufacturer recommended in writing by manufacturer of primary materials.

Flammability: Self-extinguishing according to ASTM D 635.

Product shall withstand anticipated traffic and be VOC compliant product.

MANUFACTURERS

Subject to compliance with requirements, provide Basis of Design or equivalent flooring system by one of the following manufacturers and as approved by Architect:

BASF Construction Chemicals, Inc.; BASF Building Systems.

Crossfield Products Corp.; Dex-O-Tex.

DUDICK Inc.

PPG Industries, Inc.

Sherwin-Williams Company; General Polymers.

Stonhard, Inc.

Tnemec Company, Inc.

RESINOUS FLOORING

(RES) Resinous Flooring: Abrasion-, impact- and chemical-resistant, decorative-aggregate-filled, epoxy-resin-based, monolithic floor surfacing designed to produce a seamless floor and 4" integral cove base.

Basis of Design: ~~Stonshield SLT Stonelad GS with Stonkote GS4.~~ by Stonhard, Inc. **(ADD-2)**

(RES-1) Color: Stonhard Ash. **(ADD-2)**

System Characteristics:

~~Finish: Glossy.~~

~~Texture~~ Wearing Surface: Medium. **(ADD-2)**

Overall System Thickness: 2mm 1/4 inch. **(ADD-2)**

Integral Cove Base: 4 inches with 3/4" radius. **(ADD-2)**

1 Primer:

2 Material Basis: Stonhard Standard primer(ADD-2)

3 Resin: Epoxy

4 Formulation Description: 2 component 100 percent solids(ADD-2)

5 Number of Coats: one

6 Application Method: squeegee back roll(ADD-2)

7

8 Broadcast Media: (ADD-2)

9 Material Basis: Stonshield quartz aggregate.

10 Type: pigmented.

11 Finish: standard.

12 Number of Coats: one.

13 Pattern: Tweed.

14 Undercoat: (ADD-2)

15 Material Basis: Stonshield undercoat.

16 Resin: Epoxy

17 Formulation Description: 2 component 100% solids.

18 Type: Clear.

19 Finish: Gloss.

20 Number of Coats: one.

21 Broadcast Media: (ADD-2)

22 Material Basis: Stonshield quartz aggregate

23 Type: pigmented.

24 Finish: standard.

25 Number of Coats: one.

26 Pattern: Tweed.

27 Sealer: (ADD-2)

28 Material Basis: Stonkote CE4.

29 Resin: Epoxy

30 Formulation Description: 2 component 100% solids.

31 Type: Clear.

32 Finish: Gloss.

33 Number of Coats: one.

34 Texture level: medium.

35 ~~— Body Coats: (ADD-2)~~

36 ~~— Resin: Epoxy.~~

37 ~~— Formulation Description: 100 percent solids.~~

38 ~~— Application Method: Metal Trowel.~~

39 ~~— Thickness of Coats: 1/4".~~

40 ~~— Number of Coats: One.~~

41 ~~— Aggregates: Pigmented Blended aggregate.~~

42 ~~— Topcoat: Sealing or finish coats. (ADD-2)~~

43 ~~— Resin: Epoxy.~~

44 ~~— Formulation Description: 100% high solids.~~

45 ~~— Type: pigmented~~

46 ~~— Thickness: 8-10 mils.~~

47 ~~— Number of Coats: Two~~

48 System Physical Properties: Provide resinous flooring system with the following minimum physical

49 property requirements when tested according to test methods indicated:

50 Compressive Strength: ~~10,000~~ 9,000 psi after 7 days per ASTM C 579. (ADD-2)

Tensile Strength: ~~4,750~~ 1,600 psi per ASTM C 307. **(ADD-2)**
Flexural Modulus of Elasticity: 4,000 psi per ASTM C 580.
Water Absorption: ~~0.2~~ 0.1 % per ASTM C 413. **(ADD-2)**
Coefficient of Thermal Expansion: ~~4.5~~ 1.8 x 10⁻⁵ mm/ °C mm per ASTM C 531. **(ADD-2)**
Impact Resistance: No chipping, cracking, or delamination and not more than 1/16-inch (1.6-mm) permanent indentation per MIL-D-3134.
Resistance to Elevated Temperature: No slip or flow of more than 1/16 inch (1.6 mm) per MIL-D-3134.
Abrasion Resistance: 0.08 gm maximum weight loss per ASTM D 4060.
Flammability: Self-extinguishing per ASTM D 635.
Hardness: 85 to 90, Shore D per ASTM D 2240.
Bond Strength: 400 psi, 100 percent concrete failure per ACI 503R.

SUBSTRATE PREPARATION MATERIALS

Primer: Type recommended by manufacturer for substrate and body coats indicated. Formulation Description: Stonhard Standard Primer, 100% solids.

Waterproofing Membrane: Where directed, type recommended by manufacturer for substrate and primer and body coats indicated. Formulation Description Only if application above grade, Stonproof ME7.
(ADD-2)

Moisture Membrane: Type recommended by manufacturer for substrate and primer and body coats indicated Mitigation: Type recommended and produced by resinous flooring manufacturer. Install in areas where moisture vapor emission exceeds allowable rates for specified flooring. Install Stonfil OP2, a 3-component, polymer modified grout, or Stondri MVT, a two-component, high-solids, moisture mitigating epoxy primer.

Moisture Vapor Control: Provide Manufacturer's moisture mitigation primer as recommended in writing by flooring system Manufacturer.

Patching and Fill Material: Resinous product of or approved by resinous waterproof flooring manufacturer and recommended by manufacturer for application indicated. Formulation description: Stonset PM5 or Stonclad GS**(ADD-2)**

Joint Sealant: Provide sealant type recommended or produced by resinous flooring manufacturer for type of service and joint condition indicated, and compatible with resinous floor system. Stonflex MP7 joint fill material**(ADD-2)**

PART 3 - EXECUTION

PREPARATION**(ADD-2)**

General: Prepare and clean substrates according to resinous flooring manufacturer's written instructions for substrate indicated. Provide clean, dry, and neutral Ph substrate for resinous flooring application.

Concrete Substrates: Provide sound concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, oil, and other contaminants incompatible with resinous flooring.

Mechanically prepare substrates as follows:

Shot-blast surfaces with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and recirculates the shot by vacuum pickup.

Repair damaged and deteriorated concrete according to resinous flooring manufacturer's written recommendations.

Verify that concrete substrates are dry.

Perform in situ probe test, ASTM F 2170. Proceed with application only after substrates do not exceed a maximum potential equilibrium relative humidity of 75 percent.

- 1 Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with application only after
2 substrates have maximum moisture-vapor-emission rate of 7 lb of water/1000 sq. ft. of slab in 24
3 hours.
4 Perform additional moisture tests recommended by manufacturer. Proceed with application only
5 after substrates pass testing.
- 6 Verify that concrete substrates have neutral Ph and that resinous flooring will adhere to them. Perform
7 tests recommended by manufacturer. Proceed with application only after substrates pass testing.
- 8 Resinous Materials: Mix components and prepare materials according to resinous flooring
9 manufacturer's written instructions.
- 10 Use patching and fill material to fill holes and depressions in substrates according to manufacturer's
11 written instructions.
- 12 Treat control joints and other nonmoving substrate cracks to prevent cracks from reflecting through
13 resinous flooring according to manufacturer's written recommendations. Allowances should be included
14 for Stonflex MP7 joint fill material.
- 15 **APPLICATION(ADD-2)**
- 16 General: Apply components of resinous flooring system according to manufacturer's written instructions
17 to produce a uniform, monolithic wearing surface of thickness indicated.
- 18 Coordinate application of components to provide optimum adhesion of resinous flooring system to
19 substrate, and optimum intercoat adhesion.
20 Cure resinous flooring components according to manufacturer's written instructions. Prevent
21 contamination during application and curing processes.
22 At substrate expansion and isolation joints, provide joint in resinous flooring to comply with
23 resinous flooring manufacturer's written recommendations.
24 Apply joint sealant to comply with manufacturer's written recommendations.
- 25 Apply primer where required by resinous system, over prepared substrate at manufacturer's
26 recommended spreading rate.
- 27 Integral Cove Base: Apply cove base mix to wall surfaces before applying flooring. Apply according to
28 manufacturer's written instructions and details including those for taping, mixing, priming, and
29 troweling, sanding, and top coating of cove base. Round internal and external corners. Requires primer.
30 See finish schedule and plan details for locations and cove base height.
- 31 Undercoat: Remove any surface irregularities by lightly abrading and vacuuming the floor surface. Mix
32 and apply undercoat with strict adherence to manufacturer's installation procedures and coverage rates.
- 33 Broadcast: Immediately broadcast quartz silica aggregate into the undercoat using manufacturer's
34 specially designed spraycaster. Strict adherence to manufacturer's installation procedures and coverage
35 rates is imperative.
- 36 Apply topcoat(s) in number of coats indicated for flooring system and at spreading rates recommended in
37 writing by manufacturer.
- 38 **TERMINATIONS(ADD-2)**
- 39 Chase edges to "lock" the coating system into the concrete substrate along lines of termination.
- 40 Penetration Treatment: Lap and seal coating onto the perimeter of the penetrating item by bridging over
41 compatible elastomer at the interface to compensate for possible movement.
- 42 Trenches: Continue coating system into trenches to maintain monolithic protection. Treat cold joints to
43 assure bridging of potential cracks.
- 44 Treat floor drains by chasing the coating to lock in place at point of termination.
- 45 **JOINTS AND CRACKS (ADD-2)**
- 46 Treat control joints to bridge potential cracks and to maintain monolithic protection.

Treat cold joints and construction joints to bridge potential cracks and to maintain monolithic protection on horizontal and vertical surfaces as well as horizontal and vertical interfaces.

Discontinue floor coating system at vertical and horizontal contraction and expansion joints by installing backer rod and compatible sealant after coating installation is completed. Provide sealant type recommended by manufacturer for traffic conditions and chemical exposures to be encountered.

FIELD QUALITY CONTROL(ADD-2)

Material Sampling: Owner may at any time and any numbers of times during resinous flooring application require material samples for testing for compliance with requirements.

Owner will engage an independent testing agency to take samples of materials being used. Material samples will be taken, identified, sealed, and certified in presence of Contractor.

Testing agency will test samples for compliance with requirements, using applicable referenced testing procedures or, if not referenced, using testing procedures listed in manufacturer's product data.

If test results show applied materials do not comply with specified requirements, pay for testing, remove noncomplying materials, prepare surfaces coated with unacceptable materials, and reapply flooring materials to comply with requirements.

CLEANING, PROTECTING, AND CURING(ADD-2)

Cure resinous flooring materials in compliance with manufacturer's directions, taking care to prevent contamination during stages of application and prior to completion of curing process. Close area of application for a minimum of 18 hours.

Protect resinous flooring materials from damage and wear during construction operation. Where temporary covering is required for this purpose, comply with manufacturer's recommendations for protective materials and method of application. General Contractor is responsible for protection and cleaning of surfaces after final coats.

Cleaning: Remove temporary covering and clean resinous flooring just prior to final inspection. Use cleaning materials and procedures recommended by resinous flooring manufacturer

EXAMINATION(ADD-2)

~~— Ensure that subfloor is clean, dry, hard, sound, and free of oils or other substance which would affect proper bonding and curing.~~

~~— Substrate shall be above 50 degrees F, dry and free of excessive water vapor transmission with a relative humidity below 85 percent.~~

~~— Moisture Vapor Transmission: Perform Calcium Chloride test per ASTM F1869-04 to determine moisture vapor emission levels prior to application. If results exceed 3 pounds per 1000 square feet in 24 hours, apply manufacturer's recommended vapor control product and retest until results are within 3 pound limit. If test results exceed 15 7 pounds per 1000 square feet in 24 hours, consult resinous flooring manufacturer before applying vapor control products. Perform test after surface cleaning is performed. Notify Architect immediately of test results.~~

~~— Verify that all floor penetrations are sealed.~~

SUBSTRATE PREPARATION(ADD-2)

~~— Concrete Substrates, General: Provide sound concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form release agents, dust, dirt, grease, oil, and other contaminants incompatible with resinous flooring.~~

~~— Shot blast surfaces with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and re-circulates the shot by vacuum pickup.~~

~~— Repair damaged and deteriorated concrete according to resinous flooring manufacturer's written recommendations.~~

- 1 — Prepare and clean substrates according to resinous flooring manufacturer's written instructions
- 2 for substrate indicated.
- 3 — Strip all concrete cracks, construction joints with 10 inch wide elastomeric membrane with
- 4 polypropylene fabric reinforcing.
- 5 — Moisture Testing: Verify that concrete substrates are dry and moisture vapor emissions are within
- 6 acceptable levels according to manufacturer's written instructions.
- 7 — Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with application of resinous
- 8 flooring only after substrates have maximum moisture vapor emission rate of 3 lb of water/1000
- 9 sq. ft. of slab area in 24 hours.
- 10 — Perform plastic sheet test, ASTM D 4263. Proceed with application only after testing indicates
- 11 absence of moisture in substrates.
- 12 — Perform relative humidity test using in situ probes, ASTM F 2170. Proceed with installation
- 13 only after substrates have a maximum 85 percent relative humidity level measurement.
- 14 — Alkalinity and Adhesion Testing: Verify that concrete substrates have pH within acceptable range.
- 15 Perform tests recommended by manufacturer. Proceed with application only after substrates pass
- 16 testing.
- 17 — Control Joint Treatment: Treat control joints and other nonmoving substrate cracks to prevent cracks
- 18 from reflecting through resinous flooring according to manufacturer's written instructions.
- 19 — Patching and Filling: Use patching and fill material to fill holes and depressions in substrates
- 20 according to manufacturer's written instructions.
- 21 — Keyways: Saw cut key ways into concrete substrate in accordance with Manufacturer's written
- 22 recommendations.

23 **APPLICATION(ADD-2)**

- 24 — General: Apply components of flooring system according to manufacturer's written instructions to
- 25 produce a uniform, monolithic wearing surface of thickness indicated.
- 26 — Coordinate application of components to provide optimum adhesion of resinous waterproof
- 27 flooring system to substrate and optimum intercoat adhesion.
- 28 — Cure resinous components according to manufacturer's written instructions. Prevent
- 29 contamination during application and curing processes.
- 30 — At substrate expansion and isolation joints, provide joint in resinous flooring to comply with
- 31 resinous flooring manufacturer's written recommendations.
- 32 — Apply system with sufficient texture to slip resistance required by local code and provide
- 33 surface texture to allow ease of cleaning.
- 34 — Primer: Apply primer over prepared substrate at manufacturer's recommended spreading rate.
- 35 — Coatings: Apply coatings in thickness indicated. When cured, sand to remove trowel marks and
- 36 roughness.
- 37 — Self Leveling Body Coats: Apply self leveling slurry body coats in thickness indicated for
- 38 flooring system.
- 39 — Troweled or Screeded Body Coats: Apply troweled or screeded body coats in thickness
- 40 indicated for flooring system. Hand or power trowel and grout to fill voids. When body coats
- 41 are cured, remove trowel marks and roughness using method recommended by manufacturer.
- 42 — Grout Coat: Apply grout coat, of type recommended by resinous flooring manufacturer, to fill
- 43 voids in surface of final body coat.
- 44 — Topcoats: Apply topcoats in number indicated for flooring system and at spreading rates
- 45 recommended in writing by manufacturer and to produce wearing surface indicated.
- 46 — Aggregates: Broadcast aggregates at rate recommended by manufacturer and, after resin is cured,
- 47 remove excess aggregates to provide surface texture indicated.

- 1 ~~—— Integral Cove Base: Apply cove base mix to wall surfaces before applying flooring. Apply~~
2 ~~according to manufacturer's written instructions and details including those for taping, mixing,~~
3 ~~priming, troweling, sanding, and topecoating of cove base. Round internal and external corners.~~
4 ~~—— Integral Cove Base Height: 4 inches.~~

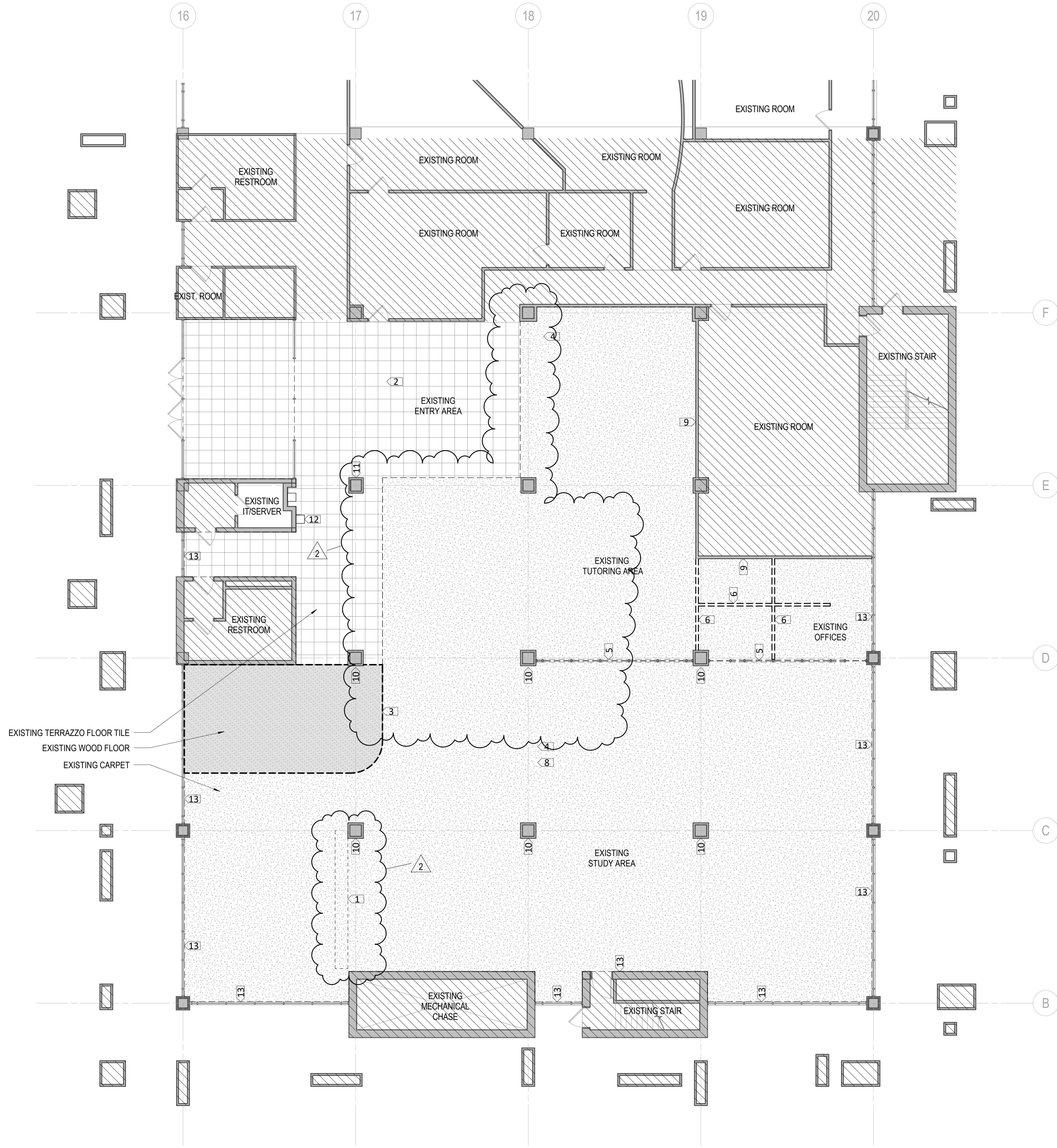
5 **FIELD QUALITY CONTROL(ADD-2)**

- 6 ~~—— Material Sampling: Owner may at any time and any number of times during resinous flooring~~
7 ~~application require material samples for testing for compliance with requirements.~~
8 ~~—— Owner will engage an independent testing agency to take samples of materials being used.~~
9 ~~Material samples will be taken, identified, sealed, and certified in presence of Contractor.~~
10 ~~—— Testing agency will test samples for compliance with requirements, using applicable referenced~~
11 ~~testing procedures or, if not referenced, using testing procedures listed in manufacturer's product~~
12 ~~data.~~
13 ~~—— If test results show applied materials do not comply with specified requirements, pay for testing,~~
14 ~~remove noncomplying materials, prepare surfaces coated with unacceptable materials, and~~
15 ~~reapply flooring materials to comply with requirements.~~
16 ~~—— Prepare test and inspection reports.~~

17 **INSTALLED WORK(ADD-2)**

- 18 ~~—— Protection: Protect resinous flooring from damage and wear during the remainder of construction~~
19 ~~period. Use protective methods and materials, including temporary covering, recommended in~~
20 ~~writing by resinous flooring manufacturer.~~

21 **END OF SECTION**



1 DEMOLITION PLAN - LEVEL 01
1/8" = 1'-0"

GENERAL NOTES - DEMOLITION PLAN

- A. PROVIDE SAFE MEANS OF EGRESS THROUGH AND AROUND THE BUILDING AND SITE AT ALL TIMES.
- B. PROVIDE FIRE EXTINGUISHERS PER AUTHORITY HAVING JURISDICTION'S REQUIREMENTS AT ALL TIMES THROUGHOUT CONSTRUCTION AREA.
- C. ALL SHUTDOWNS OF MECHANICAL, SPRINKLER, FIRE ALARM AND ELECTRICAL SYSTEMS SHALL BE COORDINATED WITH OWNER. COMPLY WITH AUTHORITY HAVING JURISDICTION'S REQUIREMENTS FOR NOTIFICATION, FIRE WATCH, RE-TESTING, ETC.
- D. AVOID DISRUPTION TO ADJACENT FLOORS AND AREAS AS MUCH AS POSSIBLE. KEEP NOISE TO A LEVEL ACCEPTABLE TO THE OWNER BY SCHEDULING EXCESSIVE NOISE TASKS WITH OWNER. ALL SAW-CUTTING AND NOISE VIBRATION PRODUCING CONSTRUCTION TO BE SCHEDULED WITH OWNER SO AS TO NOT INTERFERE WITH ADJACENT OCCUPIED SPACES.
- E. PROVIDE CONSTRUCTION BARRIERS AND DUST CONTROL BETWEEN CONSTRUCTION AREAS AND OCCUPIED AREAS AT ALL TIMES.
- F. VERIFY EXISTING CONDITIONS AND DIMENSIONS. COORDINATE THE EXTENT OF DEMOLITION WORK AND EXISTING CONSTRUCTION TO REMAIN WITH NEW WORK. NOTIFY ARCHITECT OF CONFLICTS.
- G. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE REMOVED, UNLESS NOTED OTHERWISE.
- H. REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL NARRATIVES FOR DISCIPLINE SPECIFIC DEMOLITION ITEMS NOT SHOWN OR NOTED.
- I. WHERE EXISTING CONSTRUCTION IS REMOVED, CUT, DRILLED, DAMAGED OR OTHERWISE DISTURBED, PATCH DEFECTIVE AND INCOMPLETE SURFACES AS REQUIRED TO MATCH ADJACENT, EXISTING UNDAMAGED SURFACES, UNLESS NOTED OTHERWISE.
- J. REMOVE DESIGNATED WALLS AND PARTITIONS IN THEIR ENTIRETY INCLUDING DUCTS, PIPING, CONDUITS, BRACING AND OTHER ELEMENTS IN OR ON THESE ASSEMBLIES WHICH MAY OR MAY NOT BE SPECIFICALLY IDENTIFIED, UNLESS NOTED OTHERWISE.
- K. PATCH OR OTHERWISE REPAIR OPENINGS IN WALLS, PARTITIONS, FLOORS AND CEILINGS THAT ARE TO REMAIN TO MATCH EXISTING, ADJACENT FINISHED SURFACE. MAINTAIN PENETRATION LISTINGS AND ALL FIRE RATING REQUIREMENTS.
- L. PATCH FIRE PROOFING AS REQUIRED TO MAINTAIN RATING.
- M. THOROUGHLY CLEAN AND PREPARE ALL SURFACES TO RECEIVE NEW FINISH OR COVERING. COMPLETELY REMOVE DIRT, DUST, GREASE, OIL, PAINT, LOOSE MATERIALS, SOIL, ETC AS NECESSARY. PLACE SURFACES IN MOST SUITABLE CONDITION FOR NEW FINISH.
- N. NOT USED.
- O. COORDINATE MINIMAL NUMBER OF SALVAGED ITEMS WITH DESIGNATED UWM REPRESENTATIVE FROM EXISTING WALLS INCLUDING BUT NOT LIMITED TO TACK BOARDS, MARKER BOARDS, SIGNS, DOORS/HARDWARE. PATCH WALLS AS REQUIRED FOR NEW FINISHES. DISPOSE OF ALL ITEMS THAT ARE NOT SALVAGED.
- P. WHERE EXISTING PIPING IS PARTIALLY REMOVED, CAP AND TAG END OF REMAINING PORTION.
- Q. REFER TO REFLECTED CEILING PLANS FOR EXTENT OF CEILING DEMOLITION. REMOVE UNUSED SUSPENSION WIRES, WALL ANGLES, BRACES, STRUTS, FRAMING, ETC.
- R. CLEAN AND RESTORE EXPOSED BRICK PRIOR TO FINAL OCCUPANCY. REFER TO ARCHITECTURALS FOR EXPOSED BRICK LOCATIONS.
- S. HAZARDOUS MATERIAL REMOVAL, INCLUDING ASBESTOS ABATEMENT TO BE HANDLED BY OWNER.

KEYNOTES - DEMOLITION PLAN

- | # | DESCRIPTION |
|----|--|
| 1 | DEMO EXISTING BENCH. PATCH FLOOR TO MATCH ADJACENT FLOORING. |
| 2 | REMOVE EXISTING TERRAZZO TILE AND SUBFLOORING AT THE EXTENTS INDICATED ON DRAWINGS. PROVIDE A SURFACE FREE OF OBSTRUCTIONS AS REQUIRED TO ALLOW FOR NEW FINISH FLOORING. SAW CUT WHERE REQUIRED. |
| 3 | REMOVE EXISTING WOOD FLOORING AND SUBFLOORING AT THE EXTENTS INDICATED ON DRAWINGS. PROVIDE A SURFACE FREE OF OBSTRUCTIONS AS REQUIRED TO ALLOW FOR NEW FINISH FLOORING. |
| 4 | REMOVE EXISTING CARPET AND SUBFLOORING AT THE EXTENTS INDICATED ON DRAWINGS. PROVIDE A SURFACE FREE OF OBSTRUCTIONS AS REQUIRED TO ALLOW FOR NEW FINISH FLOORING. |
| 5 | REMOVE EXISTING GLASS WALL AND ALL RELATED COMPONENTRY. |
| 6 | DEMO EXISTING WALL. |
| 7 | DEMO EXISTING LIGHT FIXTURES AS INDICATED ON DRAWING. |
| 8 | DEMO EXISTING CEILING THROUGHOUT ENTIRE WORK AREA AND ALL ATTACHED EQUIPMENT AND FIXTURES. COORDINATE MINIMAL NUMBER OF SALVAGED ITEMS WITH DESIGNATED UWM REPRESENTATIVE. DISPOSE OF ALL ITEMS NOT SALVAGED. |
| 9 | REMOVE EXISTING RUBBER BASE AND EXPOSED ELECTRICAL BOXES AND CONDUIT. REMOVE LAYER OF DRYWALL AND REPLACE WITH NEW, UP TO UNDERSIDE OF DECK ABOVE. INSTALL ADDITIONAL <STUD> FRAMING AS NECESSARY. PROVIDE VAPOR BARRIER ("CERTAINTED MEMBRAN" OR SIMILAR) ON INSIDE FACE OF NEW DRYWALL. PRIOR TO INSTALLATION TO PROTECT ADJACENT RARE BOOK LIBRARY FROM CSI HUMIDITY. |
| 10 | REMOVE EXPOSED ELECTRICAL BOXES AND CONDUIT TO ALLOW REPLACEMENT PER ELECTRICAL DRAWINGS. |
| 11 | REMOVE EXISTING HC DOOR ACTUATOR BUTTON. TO BE REPLACED, REFER TO ARCHITECTURALS. |
| 12 | REMOVE EXISTING WATER COOLER. PATCH BRICK TO MATCH ADJACENT. SALVAGE WATER COOLER FOR USE IN NEW CONSTRUCTION, REFER TO PLUMBING DRAWINGS. |
| 13 | REFINISH EXISTING FIN TUBE RADIATION. SEE ARCH. AND PLUMBING DOCS FOR ADDITIONAL INFORMATION. |

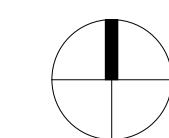
INDICATES EXISTING SPACE THAT IS EXCLUDED FROM THE SCOPE OF THIS PROJECT
REFER TO DRAWINGS AND DETAILS FOR MORE INFORMATION

NO.	DESCRIPTION	DATE
2	Addendum 2	Sept 21, 2018

ISSUANCE HISTORY - THIS SHEET
HGA NO: 4200-002-00

DEMOLITION
PLAN

DATE: AUGUST 27, 2018
CONSTRUCTION
DOCUMENTS



REFER TO A100 FOR GENERAL NOTES
AND KEYNOTES APPLICABLE TO THIS
SHEET.

NO.	DESCRIPTION	DATE
1	Addendum 1	Sept 12, 2018
2	Addendum 2	Sept 21, 2018

ISSUANCE HISTORY - THIS SHEET

HGA NO: 4200-002-00

INTERIOR
ELEVATIONS

DATE: AUGUST 27, 2018

CONSTRUCTION
DOCUMENTS

A600

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