

**SECTION 00 9111 - ADDENDUM NUMBER 1**

**PARTICULARS**

**1.01 DATE: SEPTEMBER 16, 2016**

**1.02 PROJECT: GENERAL CONSTRUCTION INDEFINITE DELIVERY CONTRACT (MCKISSICK MUSEUM BATHROOM RENOVATIONS)**

**1.03 OWNER'S PROJECT NUMBER: H27-D259-CB**

**1.04 OWNER : UNIVERSITY OF SOUTH CAROLINA**

**1.05 ARCHITECT : GMK ASSOCIATES**

**TO: PROSPECTIVE BIDDERS :**

**2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL PROCUREMENT DOCUMENTS DATED JULY 25, 2016 , WITH AMENDMENTS AND ADDITIONS NOTED BELOW.**

**2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM . FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.**

**2.03 THIS ADDENDUM CONSISTS OF 3 PAGE(S) AND THE FOLLOWING ATTACHMENTS:**

- A. Pre-Bid Meeting Sign in Sheet - Issued for informational purposes only.
- B. Specification section 01 5000 - Temporary Facilities and Controls.
- C. SE-659 Construction Services Indefinite Delivery Contract - Representative Project Bid Form
- D. Hazmat Report - Issued for informational purposes only.
- E. Drawing A1.0 - Demolition Plans
- F. Drawing A2.0 - Floor Plans
- G. Drawing A6.0 - Enlarged Plans & Interior Elevations
- H. Drawing A7.0 - Reflected Ceiling Plans
- I. Drawing P0.0 - Plumbing schedules, Notes, Legends, Details & Abbreviations
- J. Drawing P2.1 - Partial First Floor, Second Floor & Below Floor Plan - Plumbing Renovation
- K. Drawing M2.1 - Partial First Floor and Second Plan - HVAC Demolition & Renovation
- L. Drawing E2.1 - Partial First Floor and Second Plan - Elec Demolition and Renovation

**CHANGES TO THE PROJECT MANUAL - INTRODUCTORY REQUIREMENTS, PROCUREMENT REQUIREMENTS AND CONTRACTING REQUIREMENTS :**

**3.01 SE-655 INVITATION FOR CONSTRUCTION SERVICES**

- A. Lind Jackson's telephone number is 803-777-3489.
- B. Bid Closing date is changed to Thursday, September 29, 2016 @ 2 PM

**3.02 SE-659 CONSTRUCTION SERVICES INDEFINITE DELIVERY CONTRACT - REPRESENTATIVE PROJECT BID FORM**

- A. Replaced existing form SE-659 with the revised SE-659 form.
- B. Removed Alternate #1 from the scope of the project.
- C. Changed amount of days for bidder to substantially complete the Work from 90 days to 72 days.

**CHANGES TO THE PROJECT MANUAL - SPECIFICATIONS :**

**4.01 SECTION 01 5000 TEMPORARY FACILITIES AND CONTROLS**

- A. Replace existing section 01 5000 with the revised section 01 5000 attached.
- B. See sections about Barriers, Waste Removal, and Vehicular Access.

## **CHANGES TO THE DRAWINGS:**

### **5.01 DRAWING A1.0 - DEMOLITION PLANS**

- A. Replace existing drawing A1.0 with the revised drawing A1.0 attached.
- B. Deleted drawing 2/A1.0 from the scope of work.
- C. Deleted notes 5, 6, & 7 from Phasing Notes.

### **5.02 DRAWING A2.0 -FLOOR PLANS**

- A. Replace existing drawing A2.0 with the revised drawing A2.0 attached.
- B. Deleted drawing 2/A2.0 from the scope of work.
- C. Deleted notes 5, 6, & 7 from the Phasing Notes.

### **5.03 DRAWING A6.0 -ENLARGED PLANS AND INTERIOR ELEVATIONS**

- A. Replace existing drawing A6.0 with the revised drawing A6.0 attached.
- B. Deleted drawing 15, 16, 17, 18, 19, 20, 21, 22, 23, & 24/A6.0 from the scope of work.
- C. Deleted rooms Mens 209 and Womens 210 from the Finish Schedule and from the scope of work.

### **5.04 DRAWING A7.0 - REFLECTED CEILING PLANS**

- A. Replace existing drawing A7.0 with the revised drawing A7.0 attached.
- B. Deleted drawing 3 & 4/A7.0 from the scope of work.

### **5.05 DRAWING P0.0 - PLUMBING SCHEDULES, NOTES, LEGENDS, DETAILS & ABBREVIATIONS.**

- A. Replace existing drawing P0.0 with the revised drawing P0.0 attached.
- B. Deleted fixture from plumbing fixture schedule.
- C. Deleted notes 5, 6, & 7 from the phasing notes.

### **5.06 DRAWING P1.2 - PARTIAL SECOND FLOOR PLAN - PLUMBING DEMOLITION**

- A. Deleted sheet from scope of work.

### **5.07 DRAWING P2.1 - PARTIAL FIRST FLOOR, SECOND FLOOR & BELOW FLOOR PLAN - PLUMBING RENOVATION**

- A. Replace existing drawing P2.1 with the revised drawing P2.1 attached.
- B. Deleted drawing 9, 10, 11, & 12/P2.1 from the scope of work.
- C. Deleted notes 5, 6, & 7 from the Phasing notes.

### **5.08 DRAWING M2.1 - PARTIAL FIRST FLOOR AND SECOND PLAN - HVAC DEMOLITION AND RENOVATION**

- A. Replace existing drawing M2.1 with the revised drawing M2.1 attached.
- B. Deleted drawing 2, 3, & 6/M2.1 from the scope of the work.
- C. Deleted notes 5, 6, & 7 from the Phasing notes.

### **5.09 DRAWING E2.1 - PARTIAL FIRST FLOOR AND SECOND FLOOR PLAN - ELEC DEMOLITION AND RENOVATION**

- A. Replace existing drawing E2.1 with the revised drawing E2.1 attached.
- B. Deleted drawing 1 & 2/E2.1 from the scope of the work.
- C. Deleted notes 5, 6, & 7 from the Phasing Notes.

**CLARIFICATIONS**

**6.01 ORIGINAL & SUBSEQUENT PLANS ARE AVAILABLE BY GMK ASSOCIATES. CONTRACTOR SHALL REQUEST ACCESS TO A SHAREFILE ACCOUNT VIA EMAILING THE REQUEST TO TWEILAND@GMKA.COM.**

**6.02 SECOND SITE TOUR: TUESDAY, SEPTEMBER 20, 2016 FROM 11:00 AM TO 11:45 AM SHARP.**

**6.03 THIRD AND FINAL SITE TOUR: THURSDAY, SEPTEMBER 22, 2016 FROM 2:45 TO 3:30 PM SHARP.**

**6.04 ALL SITE TOURS WILL BEGIN AT THE FIRST FLOOR (NORTH) LOBBY/HALLWAY AT MCKISSICK - NEXT TO THE EXISTING UNI-SEX BATHROOM.**

**6.05 LAST DAY FOR QUESTIONS - THURSDAY, SEPTEMBER 22, 2016.**

**6.06 QUESTIONS AND ANSWERS**

- A. Question: We're working on the McKissick Museum bathroom renovations at USC. We are interested in finding information on the existing fire alarm system.
  - 1. Answer: Please be advised that the current Fire Alarm system at McKissick is by Simplex. However, a completely brand new Fire Alarm system is currently Out-For-Bid, which could be an entirely different Fire Alarm Systems, when all is said and done.

**END OF ADDENDUM NUMBER 1**

**University of South Carolina  
Non Mandatory Pre Bid Sign In Sheet  
Columbia, South Carolina**

**Project Name:** General Construction Indefinite Delivery Contract  
**Project Number:** McKissick Museum Bathroom Renovations  
**Pre Bid Date & Time:** H27-D259-CB  
 September 12, 2016 9:30AM 743 Greene St Conf Rm 053

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	TAYLOR CAMPBELL	77 PROS	7001 55th Avenue Roads	703 753 1401	TAYLOR @ 77PROS.COM
S W M B E	CHRISSEINAR	PENN CONTRACTING LLC	P.O. Box 204 F Baltimore SC 29102	803 781 4142 803 407 9724	BOB @ PENN CONTRACTING.COM
S W M B E	Aimee Rich	USC Facilities Procurement	743 Greenes 29206	7-2261	A.Rich@fmc.sc.edu
S W M B E	Frank Ayers	Solid Structures LLC	2548 Manning Blvd Columbia, SC 29109	803 926-0298	Estimating@solidstructures.com <del>frank@solidstructures.com</del>
S W M B E	Lind Jackson	USC	1901 Augusta Hwy Columbia, SC 29207	803-957-5522	Ljackson@fmc.sc.edu
S W M B E	Lizette Pizotti	Lizette Pizotti Inc	701 Nora Ln My. Pleasant, SC 2901 Main St	803 693 8094	APizotti@contractmanverick.com LizettePizotti@contractmanverick.com
S W M B E	Megan Paris	GMK Associates		803-256-0000	mparis@gmka.com
S W M B E	Tom Weiland	GMK Associates			tweiland@gmka.com

\*\*\*By signing this sheet you agree to receive information electronically.\*\*\*

**University of South Carolina  
Non Mandatory Pre Bid Sign In Sheet  
Columbia, South Carolina**

**Project Name:** General Construction Indefinite Delivery Contract  
**Project Number:** McKissick Museum Bathroom Renovations  
 H27-D259-CB  
**Pre Bid Date & Time:** September 12, 2016 9:30AM 743 Greene St Conf Rm 053

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	Greg Martin	77 Pros	7001 <del>St Andrews Rd</del> 5311 Columbia St	803-753-1401	greg@77Pros.com
S W M B E	Yates/Josiahik	77 Pros	' '	' '	Yates@77Pros.com
S W M B E	ADAM PEARCE	Hammer Construction	785 Hammer Creek w Columbus, SC	803.783.7033 803.201.4910	JASON@HAMMERLLC.COM
S W M B E	GARY WARRAS	JRC SPECIALTY INC	P.O. Box 5717 Aiken SC 29804	803-557-8051	GARY@375@ATLANTICBB&NE
S W M B E	Cesar Palacios	M.S.I Const	745 Greenwood Rd West Cole, SC	796-3327	Cesar Palacios @ msiconst.com
S W M B E	Terri Smith	MST Const.	745 Greenwood Rd West Cole	796-3327	+Kutz@msiconst.com
S W M B E	Andrew Briggman	Southern Renov & Conf	3116 Cimarron Trl W. Cole 29110	518-0386	Drw, srelc@gmail.com
S W M B E	Steve Bross	First Class Construction	126-B Suber Rd. Columbia/SC 29210	803-926-1922	SBross@fcaon.com tmeyer@fcaon.com
S W M B E	Pat Livingston	ENVIRO ASSURANCE, INC.	1190 BOWEN Rd W Columbia SC 29203	803-714-7190	patrick.livingston@ envirosys.com

\*\*\*By signing this sheet you agree to receive information electronically.\*\*\*

**University of South Carolina  
Non Mandatory Pre Bid Sign In Sheet  
Columbia, South Carolina**

**Project Name:** General Construction Indefinite Delivery Contract  
**Project Number:** McKissick Museum Bathroom Renovations  
 H27-D259-CB  
**Pre Bid Date & Time:** September 12, 2016 9:30AM 743 Greene St Conf Rm 053

SWMBE Contractor Indicate Below	Name	Company Name	Address	Phone #	Email
S W M B E	Bill Ellison	Paul Davis Rest. & Remod	750, Box 2312 Lexington 29071	803-796- 4343	wellson@pauldavis columbia.com
S W M B E					
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S W M B E					
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\*\*\*By signing this sheet you agree to receive information electronically.\*\*\*

## SECTION 01 5000 - TEMPORARY FACILITIES AND CONTROLS

### PART 1 GENERAL

#### 1.01 SECTION INCLUDES

- A. Temporary telecommunications services.
- B. Temporary sanitary facilities.
- C. Temporary Controls: Barriers, enclosures, and fencing.
- D. Security requirements.
- E. Vehicular access and parking.
- F. Waste removal facilities and services.

#### 1.02 RELATED REQUIREMENTS

#### 1.03 REFERENCE STANDARDS

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2015a.

#### 1.04 TEMPORARY UTILITIES

- A. Owner will provide the following:
  - 1. Electrical power , consisting of connection to existing facilities.
  - 2. Water supply, consisting of connection to existing facilities.
- B. Existing facilities may be used.

#### 1.05 TELECOMMUNICATIONS SERVICES

- A. Provide, maintain, and pay for telecommunications services to field office at time of project mobilization.

#### 1.06 TEMPORARY SANITARY FACILITIES

- A. Provide and maintain required facilities and enclosures. Provide at time of project mobilization.
- B. Use of existing facilities is not permitted.
- C. Maintain daily in clean and sanitary condition.

#### 1.07 BARRIERS

- A. Provide ramboard protection for all elevator finishes and floors, walls, ceilings for the debris haul route. Debris haul route is located along entire path from project site location in building to debris removal site.
- B. Temporary partitions shall be located to protect the lights in all corridors.
- C. Provide barriers to prevent unauthorized entry to construction areas, to prevent access to areas that could be hazardous to workers or the public, to allow for owner's use of site and to protect existing facilities and adjacent properties from damage from construction operations and demolition.
- D. Provide barricades and covered walkways required by governing authorities for public rights-of-way and for public access to existing building.
- E. Provide protection for plants designated to remain. Replace damaged plants.
- F. Protect non-owned vehicular traffic, stored materials, site, and structures from damage.

#### 1.08 INTERIOR ENCLOSURES

- A. Provide temporary partitions as indicated to separate work areas from Owner-occupied areas, to prevent penetration of dust and moisture into Owner-occupied areas, and to prevent damage to existing materials and equipment.
- B. Construction: Metal stud framing and gypsum board sheet materials with closed joints and sealed edges at intersections with existing surfaces:
  - 1. Maximum flame spread rating of 75 in accordance with ASTM E84.

- C. Paint surfaces exposed to view from Owner-occupied areas.

**1.09 VEHICULAR ACCESS AND PARKING**

- A. Comply with regulations relating to use of streets and sidewalks, access to emergency facilities, and access for emergency vehicles.
- B. Coordinate access and haul routes with governing authorities and Owner.
- C. Provide and maintain access to fire hydrants, free of obstructions.
- D. Provide means of removing mud from vehicle wheels before entering streets.
- E. Owner to provide Contractor with (5) parking hang tags.

**1.10 WASTE REMOVAL**

- A. The debris removal site is to be at the brick pavers near the rear onto ramp on at floor grade.
- B. Provide waste removal facilities and services as required to maintain the site in clean and orderly condition.
- C. Provide containers with lids. Remove trash from site daily.
- D. Open free-fall chutes are not permitted. Terminate closed chutes into appropriate containers with lids.
- E. Debris haul route to remain clean and in orderly condition daily as well as free from debris.

**PART 2 PRODUCTS - NOT USED**

**PART 3 EXECUTION - NOT USED**

**END OF SECTION**



**SE-659****CONSTRUCTION SERVICES INDEFINITE DELIVERY CONTRACT  
REPRESENTATIVE PROJECT BID FORM***Bidders shall submit bids on only Bid Form SE-659.***BID SUBMITTED BY:** \_\_\_\_\_  
(Bidder's Name)**BID SUBMITTED TO:** University of South Carolina  
(Owner's Name)**FOR: PROJECT NAME:** McKissick Museum Bathroom Renovations**PROJECT NUMBER:** H27-N316-CB**OFFER**

§ 1. In response to the Invitation for Indefinite Delivery of Construction Services and in compliance with the Instructions to Bidders for the above-named Project, the undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with the Owner on the terms included in the Bidding Documents, and to perform all Work as specified or indicated in the Bidding Documents, for the prices and within the time frames indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

§ 2. Pursuant to Section 11-32-3030(1) of the SC Code of Laws, as amended, Bidder has submitted Bid Security as follows in the amount and form required by the Bidding Documents:

**Bid Bond with Power of Attorney**                       **Electronic Bid Bond**                       **Cashier's Check**  
(Bidder check one)

§ 3. Bidder acknowledges the receipt of the following Addenda to the Bidding Documents and has incorporated the effects of said Addenda into this Bid:

(Bidder, check all that apply. Note, there may be more boxes than actual addenda. Do not check boxes that do not apply)

**ADDENDA:**                       #1                       #2                       #3                       #4                       #5

§ 4. Bidder accepts all terms and conditions of the Invitation for Bids, including, without limitation, those dealing with the disposition of Bid Security. Bidder agrees that this Bid may not be revoked or withdrawn after the opening of bids, and shall remain open for acceptance for a period of **60** Days following the Bid Date, or for such longer period of time that Bidder may agree to in writing upon request of the Owner.

§ 5. Bidder herewith offers to provide all labor, materials, equipment, tools of trades and labor, accessories, appliances, warranties and guarantees, and to pay all royalties, fees, permits, licenses and applicable taxes necessary to complete the following items of construction work:

§ 6.1 **REPRESENTATIVE PROJECT WORK DESCRIPTION** (as indicated in the Bidding Documents and generally described as follows): The McKissick Museum Bathroom renovations [seed project] is to provide construction services to renovate several existing bathrooms on the 1st floor, also create a new ADA female restroom and unisex restroom on the 1st floor. The work includes but is not limited to demolition, wall and ceiling work, new finishes, plumbing systems, mechanical systems and electrical systems.

**\$** \_\_\_\_\_, which sum is hereafter called the Base Bid.  
(Bidder - insert Bid Amount for Representative Project on line above)

This bid price will be used to determine which bidders will receive award of an Indefinite Delivery Contract. The lowest responsive and responsible bidder will also receive a Delivery Order to perform the above described work at the price bid. Award and pricing of subsequent Delivery Orders shall be determined by competitive bidding between Indefinite Delivery Contractors receiving an award of an Indefinite Delivery Contract pursuant to this solicitation.

**SE-659**  
**CONSTRUCTION SERVICES INDEFINITE DELIVERY CONTRACT**  
**REPRESENTATIVE PROJECT BID FORM**

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SE-659

## CONSTRUCTION SERVICES INDEFINITE DELIVERY CONTRACT REPRESENTATIVE PROJECT BID FORM

§ 6.2 **BID ALTERNATES** as indicated in the Bidding Documents and generally described as follows:

**ALTERNATE # 1** (Brief Description): \_\_\_\_\_

**ADD TO** or  **DEDUCT FROM BASE BID: \$** \_\_\_\_\_

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

**ALTERNATE # 2** (Brief Description): \_\_\_\_\_

**ADD TO** or  **DEDUCT FROM BASE BID: \$** \_\_\_\_\_

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

**ALTERNATE # 3** (Brief Description): \_\_\_\_\_

**ADD TO** or  **DEDUCT FROM BASE BID: \$** \_\_\_\_\_

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

§ 7. **LISTING OF PROPOSED SUBCONTRACTORS PURSUANT TO SECTION 3020(b)(i), CHAPTER 35, TITLE 11 OF THE SOUTH CAROLINA CODE OF LAWS, AS AMENDED:** (Owner check box that applies.)

Bidder shall list on Appendix A to this bid form those subcontractors which bidder intends to use to perform the work requiring the license classification and/or subclassification listed therein. Bidder shall only use the listed subcontractors in performance of such licensed work.

Bidder is not required to list subcontractors.

§ 8. **TIME OF CONTRACT PERFORMANCE AND LIQUIDATED DAMAGES – INDEFINITE DELIVERY CONTRACT**

Bidder agrees that the Date of Commencement of any contract awarded pursuant to the Invitation for Bids shall be established in the Agreement for Indefinite Delivery of Construction Services to be executed by the Owner and the successful Bidder. Bidder also agrees that individual Delivery Orders, if any, shall establish the Date of Commencement, the time to complete the Work included in the Delivery Order (or the completion date), and the amount, if any, the Owner shall retain from the compensation to be paid as Liquidated Damages for each calendar day the actual construction time required to complete the Work exceeds the specified or adjusted time for completion as provided in the Contract Documents.

§ 8.1 **TIME OF CONTRACT PERFORMANCE AND LIQUIDATED DAMAGES - REPRESENTATIVE PROJECT**

a) **CONTRACT TIME:** Bidder agrees that the Date of Commencement of the Work shall be established in a Notice to Proceed to be issued by the Owner. Bidder agrees to substantially complete the Work within 72 Calendar Days from the Date of Commencement, subject to adjustments as provided in the Contract Documents.

b) **LIQUIDATED DAMAGES:** Bidder further agrees that from the compensation to be paid, the Owner shall retain as Liquidated Damages the amount of \$ 100.00 for each Calendar Day the actual construction time required to achieve Substantial Completion exceeds the specified or adjusted time for Substantial Completion as provided in the Contract Documents. This amount is intended by the parties as the predetermined measure of compensation for actual damages, not as a penalty for nonperformance.

**SE-659  
CONSTRUCTION SERVICES INDEFINITE DELIVERY CONTRACT  
REPRESENTATIVE PROJECT BID FORM**

**§ 9. AGREEMENTS**

- a) Bidder agrees that this bid is subject to the requirements of the laws of the State of South Carolina.
- b) Bidder agrees that at any time prior to execution of the Construction Services Indefinite Delivery Contract for this Project, this Project may be canceled for the convenience of, and without cost to, the State.
- c) Bidder agrees that neither the State of South Carolina nor any of its agencies, employees or agents shall be responsible for any bid preparation costs, or any costs or charges of any type, should all bids be rejected or the Project canceled for any reason prior to execution of the Construction Services Indefinite Delivery Contract.

**§ 10. ELECTRONIC BID BOND**

By signing below, the Principal is affirming that the identified electronic bid bond has been executed and that the Principal and Surety are firmly bound unto the State of South Carolina under the terms and conditions of the AIA Document A310, Bid Bond, included in the Bidding Documents.

**ELECTRONIC BID BOND NUMBER:** \_\_\_\_\_

**SIGNATURE AND TITLE:** \_\_\_\_\_

**CONTRACTOR'S CLASSIFICATIONS AND SUBCLASSIFICATIONS WITH LIMITATION**

SC CONTRACTOR'S LICENSE NUMBER(S): \_\_\_\_\_

CLASSIFICATION(S) & LIMITS: \_\_\_\_\_

SUBCLASSIFICATION(S) & LIMITS: \_\_\_\_\_

**By signing this Bid, the person signing reaffirms all representation and certification made by both the person signing and the Bidder, including without limitation, those appearing in Article 2 of the Instructions to Bidders, is expressly incorporated by reference.**

**BIDDER'S LEGAL NAME:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_  
\_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_

**EMAIL:** \_\_\_\_\_

**SIGNATURE:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**PRINT NAME:** \_\_\_\_\_

**TITLE:** \_\_\_\_\_

# SE-659 – APPENDIX A CONSTRUCTION SERVICES INDEFINITE DELIVERY CONTRACT REPRESENTATIVE PROJECT BID FORM

## LISTING OF PROPOSED SUBCONTRACTORS PURSUANT TO SECTION 3020(b)(i), CHAPTER 35, TITLE 11 OF THE SOUTH CAROLINA CODE OF LAWS, AS AMENDED.

Bidder shall use the below-listed Subcontractors in the performance of the Subcontractor Classification work listed: <b>SUBCONTRACTOR CLASSIFICATION</b> <b>By License Classification and/or Subclassification</b> <i>(Completed by Owner)</i>	<b>SUBCONTRACTOR'S PRIME CONTRACTOR'S NAME</b> <i>(Must be completed by Bidder)</i>	<b>SUBCONTRACTOR'S PRIME CONTRACTOR'S SC LICENSE NUMBER</b> <i>(Requested, but not Required)</i>
<b>BASE BID</b>		

### INSTRUCTIONS FOR SUBCONTRACTOR LISTING

1. Completing the form above:
  - a. **First Column:** The Owner fills out this column which identifies the contractor/subcontractor specialties for which the bidder must list either a subcontractor or himself as the entity that will perform this work. Subcontractor specialties are identified by contractor license classifications or subclassifications listed in Title 40 of the South Carolina Code of laws. If the owner has not identified a specialty, the bidder does not list a subcontractor.
  - b. **Second and Third Columns:** In these columns the Bidder identifies the subcontractors it will use for the work of each specialty listed by the Agency in the First Column. Bidder must identify only the subcontractor(s) who will perform the work and no others. Bidders should make sure that their identification of each subcontractor is clear and unambiguous. A listing that could be any number of different entities may be cause for rejection of the bid as non-responsive. For example, a listing of M&M without more may be problematic if there are multiple different licensed contractors in South Carolina whose names start with M&M.
2. **Subcontractor Defined:** For purposes of subcontractor listing, a Subcontractor is an entity who will perform work or render service to the prime contractor to or about the construction site. Material suppliers, manufacturers, and fabricators that will not perform physical work at the site of the project but will only supply materials or equipment to the bidder or proposed subcontractor(s) are not subcontractors and Bidder should not insert their names in the spaces provided on the Bid Form. Likewise, Bidder should not insert the names of sub-subcontractors in the spaces provided on the Bid Form but only the names of those entities with which Bidder will contract directly.
3. **Subcontractor Qualifications:** Bidder must only list subcontractors who are qualified to perform the work of the listed specialties as specified in the Bidding Documents and who possess a South Carolina Contractor's license with the license classification and/or subclassification identified by the Owner in the first column on the left. If Bidder lists a subcontractor who is not qualified to perform the work, the Bidder will be rejected as non-responsive.
4. **Use of Own forces:** If under the terms of the Bidding Documents, Bidder is qualified to perform the work of a classification listed and Bidder does not intend to subcontract such work, but to use Bidder's own employees to perform such work, the Bidder must insert its own name in the space provided for that classification
5. **Use of Multiple Subcontractors:**
  - a. If Bidder intends to use multiple subcontractors to perform the work of a single classification listing, Bidder must insert the name of each subcontractor Bidder will use, preferably separating the names of each by the word "and". If Bidder intends to use both his own employees to perform a part of the work of a single classification listing and to use one or more subcontractors to perform the remaining work for that classification listing, Bidder must insert his own name and the name of each subcontractor, preferably separating the name of each with the word "and".
  - b. **Optional Listing Prohibited:** Bidder may not list multiple subcontractors for a classification listing, in a form that provides the Bidder the option, after bid opening or award, to choose to use one or more but not all the listed subcontractors to perform the work for which they are listed. A listing, which on its face requires subsequent explanation to determine whether it is an optional listing, is non-responsive. If Bidder intends to use multiple entities to perform the work for a single classification listing, Bidder must clearly set forth on the bid form such intent. Bidder may accomplish this by simply inserting the word "and" between the names of each entity listed for that specialty. Owner will reject as non-responsive a listing that contains the names of multiple subcontractors separated by a blank space, the word "or", a virgule (that is a /), or any separator that the Owner may reasonably interpret as an optional listing.
6. If Bidder is awarded the contract, Bidder must use the listed entities to perform the work for which they are listed. Bidder will not be allowed to substitute another entity as subcontractor in place of a subcontractor listed in Appendix A of the Bid Form except for one or more of the reasons allowed by the SC Code of Laws.
7. Bidder's failure to identify an entity (subcontractor or himself) to perform the work of a subcontractor specialty listed in the first column on the left will render the Bid non-responsive.

# UNIVERSITY OF SOUTH CAROLINA

## Contractor Requirements for Disturbance of Lead Containing Materials

The following contractor requirements exist to ensure that work disturbing lead containing materials at the University of South Carolina occurs in a safe and compliant manner, while minimizing risk to University personnel, property and the environment. You are encouraged to read and understand the OSHA standard for lead in the construction industry, 29CFR 1926.62.

### SUBMITTALS

The following information must be provided to and approved by the University before any disturbance of lead materials may begin.

1. Description of each activity where lead materials will be disturbed.
2. Description of controls that will be used to minimize the generation of lead dust (i.e. wet methods, ventilation).
3. Demonstration that disturbance will not result in airborne concentrations of lead in excess of the OSHA Action Level of 30  $\mu\text{g}/\text{m}^3$  (i.e. a negative exposure assessment or NEA). Air monitoring data from previous, similar jobs conducted within the past 12 months are acceptable. If you do not have an NEA for the work described, then all work must be maintained under negative pressure and comply with OSHA 1926(e).
4. Description of decontamination procedures for personnel, equipment/tools and PPE to prevent the migration of lead materials from the work area.
5. Documentation that all personnel that will be involved in lead disturbance are trained in accordance with CFR 1926.62(l).
6. Description of process for collection, containerization and on-site management of lead containing waste material.

### MINIMUM REQUIREMENTS

The University may conduct a safety inspection of your work site at any time. At a minimum, the following items will be inspected. Failure to comply may result in a work stoppage until items are corrected.

1. Access to work area must be clearly demarcated and restricted. OSHA-compliant lead work signage must be posted in conspicuous locations.
2. When vacuums are used for dust collection, HEPA vacuums must be used. Dry sweeping is prohibited.
3. Lead materials that have been removed from structures must be captured so as to prevent contamination of other building materials or the environment. For outdoor work, lead materials may not come in contact with the ground.
4. Lead materials that have been removed must be cleaned up promptly (at least daily and before leaving the worksite at any time).
5. No lead materials may leave work area outside of impermeable containers. Workers must be adequately decontaminated prior to leaving work area.
6. The University will manage the disposal of all hazardous lead waste through its existing Hazardous Waste Management program. The disposal of lead waste not meeting the definition of Hazardous Waste must be coordinated through the University. Minimum requirements for on-site management of lead waste:
  - a. The contractor is responsible for providing containers for the storage of waste/disposal. Containers must be impermeable and capable of being closed.
  - b. Waste container must remain closed at all times unless adding or removing waste.
  - c. Waste container must be labeled with words that describe its contents (i.e. – lead paint waste).
  - d. No more than fifty-five (55) gallons of hazardous waste may be accumulated on-site at any one time.









# EMSL Analytical, Inc.

706 Gralin Street Kernersville, NC 27284  
Tel/Fax: (336) 992-1025 / (336) 992-4175  
<http://www.EMSL.com> / [greensborolab@emsl.com](mailto:greensborolab@emsl.com)

EMSL Order: 021601847  
Customer ID: UNSC62  
Customer PO:  
Project ID:

**Attention:** USC Hazmat  
University of South Carolina  
743 Greene Street  
Columbia, SC 29208


**Phone:** (803) 777-7000  
**Fax:** (803) 777-3990  
**Received Date:** 03/16/2016 10:00 AM  
**Analysis Date:** 03/17/2016  
**Collected Date:**

**Project:** 15 McKissick

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
25 <small>021601847-0001</small>	Plaster	Gray/Tan/Beige Non-Fibrous Heterogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (Other)	None Detected
26 <small>021601847-0002</small>	Plaster	Gray/Tan/Beige Non-Fibrous Heterogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (Other)	None Detected

Analyst(s)  
Scott Combs (2)

  
Stephen Bennett, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial Report From: 03/17/2016 09:18:57



Print Form

Reset Form



1780

Building # 015 MCKISSICK Sample Analysis Turn Around Time 24 HRS  
 Type of Analysis: Lead / Asbestos Date: 3/11/16

Area	Sample ID	Material Sampled	Material Location	F/NF	Cond	Quantity	Pot to Disturb
A	1	WHITE CAULK	AROUND TOILET ROOM 113	NF	G	<10 LIN FT	LOW
A	2	WHITE CAULK	AROUND TOILET ROOM 113	NF	G	<10 LIN FT	LOW
A	3	WHITE CAULK	AROUND TOILET ROOM 113	NF	G	<10 LIN FT	LOW
B	4	TEXTURED PLASTER	CEILING OF ROOM 119	F	G	<1000 SQ FT	LOW
B	5	TEXTURED PLASTER	CEILING OF ROOM 119	F	G	<1000 SQ FT	LOW
B	6	TEXTURED PLASTER	CEILING OF ROOM 114	F	G	<1000 SQ FT	LOW
C	7	SKIM COAT	OVER CONCRETE WALL ROOM 114	F	G	<1000 SQ FT	LOW
C	8	SKIM COAT	OVER CONCRETE WALL ROOM 114	F	G	<1000 SQ FT	LOW
C	9	SKIM COAT	OVER CONCRETE WALL ROOM 114	F	G	<1000 SQ FT	LOW
D	10	2X2 CEILING TILE	CEILING OF ROOM 113	F	G	>5000 SQ FT	LOW

License # BI-00568 FM# FM00494853 Signature *[Signature]* Requestor C MERGNER

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**Sample Analysis**

Type of Analysis: Lead / Asbestos Date:

Turn Around Time 24 HRS

Building # 015 MCKISSICK

Area	Sample ID	Material Sampled	Material Location	F/NF	Cond	Quantity	Pot to Disturb
D	11	2X2 CEILING TILE	CEILING OF ROOM 121	F	G	<1000 SQ FT	LOW
D	12	2X2 CEILING TILE	CEILING OF ROOM 120	F	G	<1000 SQ FT	LOW
E	13	JOINT COMPOUND	SOUTH WALL RM 121	F	G	<1000 SQ FT	LOW
E	14	JOINT COMPOUND	ROOM 120	F	G	<1000 SQ FT	LOW
E	15	JOINT COMPOUND	HALLWAY BETWEEN RMS 120/121	F	G	<1000 SQ FT	LOW
F	16	SHEETROCK	SOUTH WALL RM 121	F	G	<1000 SQ FT	LOW
F	17	SHEETROCK	ROOM 120	F	G	<1000 SQ FT	LOW
F	18	SHEETROCK	HALLWAY BETWEEN RMS 120/121	F	G	<1000 SQ FT	LOW
G	19	PLASTER	ROOM 120 EAST WALL	F	G	<1000 SQ FT	LOW
G	20	PLASTER	ROOM 120 NORTH WALL	F	G	<1000 SQ FT	LOW

License # BI-00568 FM# FM00494853 Signature \_\_\_\_\_ Requestor C MERGNER

Send lab results in PDF and CSV format as soon as possible to: asbestos@mailbox.sc.edu

Print Form

Reset Form

1780



Sample Analysis

Type of Analysis: Lead / Asbestos Date:

Turn Around Time

Building #

Area	Sample ID	Material Sampled	Material Location	F/NF	Cond	Quantity	Pot to Disturb
G	21	PLASTER	ROOM 119 WEST WALL	F	G	<1000 SQ FT	LOW
H	22	BLACK TRANSITION STRIP /GL	ENTRY ROOM 121	NF	G	<15 LIN FT	LOW
H	23	BLACK TRANSITION STRIP /GL	ENTRY TO ROOM 119	NF	G	<15 LIN FT	LOW
H	24	BLACK TRANSITION STRIP /GL	ENTRY TO ROOM 119 (for use)	NF	G	<15 LIN FT	LOW

License #  FM#  Signature  Requestor

**Description** HAZ MAT SURVEY - MCKISSICK FIRST FLOOR TOILET RENO

<b>Site</b>	COLUMBIA	<b>Assigned To</b>	JPROVENCE
<b>Building</b>	015 MCKISSICK	<b>Crew</b>	HAZMAT
<b>Floor</b>	01	<b>Start Date</b>	<b>Priority</b> 5
<b>Equipment</b>	<b>Room:</b>	<b>Due date</b>	01-APR-16
		<b>Request Date</b>	11-AUG-15
		<b>by</b>	JOYG

<b>Request #</b>	FM00494853	<b>Description</b>	HAZ MAT SURVEY - MCKISSICK FIRST FLOOR TOILET RENO
<b>Parent WO #</b>			

<b>CP Number</b>	50002818	<b>Description</b>	MCKISSICK FIRST FLOOR TOILET RENOVATIONS
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<b>State/Internal Project Number</b>	H27-Z233
--------------------------------------	----------

<b>Requestor</b>	<b>Project Manager</b>	MERGNER, CHRISTIAN F.
<b>Telephone</b>	<b>Telephone</b>	777-4569
<b>Alternate</b>	<b>Estimated Cost</b>	\$ 545.00
<b>Telephone</b>	<b>Billing</b>	FIXED PRICE
<b>Non-Available Time</b>	53200-W237-57120 (MCKISSICK 1ST FLOOR TOILET RENOVATIONS)	

**Task List**

PLEASE SET-UP HAZMAT SURVEY PROJECT FOR MCKISSICK FIRST FLOOR TOILET RENOVATION. DESIGN IS UNDERWAY, TO BE 100% COMPLETE WITHIN 45-DAYS (SAY: 15-APR-2016). 50% SCHEMATIC DEMO AND PROPOSED PLANS ARE NOW COMPLETED, AND WILL BE FORWARDED TO ERIC MELARO & TY RUSSELL UNDER A SEPARATE EMAIL FOR THEIR REVIEW. THANK YOU.

PLEASE CALL OR WRITE WHEN HAZMAT WOULD LIKE TO WALK THE SPACE TO REVIEW AND DISCUSS THE SCOPE OF WORK, ALONG WITH ANY PAST HISTORY OF HAZMAT RELATED ISSUES OR CONCERNS @ MCKISSICK.

<b>DATE WORK STARTED</b>	<b>CAUSE</b>
<b>DATE WORK COMPLETED</b>	<b>CONDITION</b>
<b>EQUIPMENT</b>	
<b>CLOSING REMARKS</b>	
<b>BENCHSTOCK MATERIALS</b>	
<b>Qty</b>	<b>Description</b>
	<b>Price Per Unit</b>

**Supervisor's Approval** \_\_\_\_\_

<b>Note Date</b>	<b>Title</b>
17-MAR-16	<b>HAZMAT SURVEY RESULTS</b>
SURVEY DATE: 3/11/16 AND 3/15/16	
INSPECTOR #: DARRYL WASHINGTON II (BI-00568) AND ERIC MELARO (BI-01296)	
STATUS: SCOPE OF WORK CONSISTS OF RENOVATING FIRST FLOOR RESTROOMS. THE FOLLOWING MATERIALS HAVE BEEN TESTED FOR ASBESTOS AND LEAD AND RESULTS FOLLOW.	
ASBESTOS SECTION:	
WHITE CAULK (WOMEN'S ROOM TOILETS) - NEGATIVE FOR ASBESTOS	

TEXTURED PLASTER ( CEILINGS IN ROOMS 114 AND 119 )- NEGATIVE FOR ASBESTOS  
SKIM COAT (OVER CONCRETE IN ROOM 114) - NEGATIVE FOR ASBESTOS  
2X2 CEILING TILE- NEGATIVE FOR ASBESTOS  
JOINT COMPOUND- NEGATIVE FOR ASBESTOS  
SHEETROCK- NEGATIVE FOR ASBESTOS  
PLASTER- NEGATIVE FOR ASBESTOS  
BLACK TRANSITION STRIPS AND GLUE- NEGATIVE FOR ASBESTOS

**LEAD SECTION:**

WHITE CERAMIC WALL TILE ( ROOMS 113 AND 121 )- POSITIVE FOR LEAD  
WHITE CERAMIC SINKS ( ROOMS 113,114,119 AND 121 )- POSITIVE FOR LEAD  
WHITE STALL DOORS ( ROOM 113 )- POSITIVE FOR LEAD  
WHITE WOODEN DOOR( ROOM 114 ) – POSITIVE FOR LEAD  
GRAY WALL PAINT- NEGATIVE FOR LEAD  
WHITE CERAMIC FLOOR TILE- NEGATIVE FOR LEAD  
WHITE CERAMIC TOILETS- NEGATIVE FOR LEAD  
GRAY METAL DOOR FRAMES- NEGATIVE FOR LEAD  
WHITE METAL DOOR FRAMES- NEGATIVE FOR LEAD  
BLACK WOODEN SHELVES- NEGATIVE FOR LEAD  
GRAY DOOR PAINT ( ROOM 121 ) NEGATIVE FOR LEAD  
WHITE DOOR PAINT ( ROOM 121 )- NEGATIVE FOR LEAD

**INSPECTOR'S NOTES:****ROOM 119 NOTES:**

- UNPAINTED CONCRETE FLOORING
- BLACK UNDERCOATING UNDER SINK – MATERIAL DEEMED POSITIVE FOR ASBESTOS
- NO CAULKING DETECTED ON SINK

**ROOM 120 NOTES:**

- DUCT WORK ABOVE CEILING DOES NOT HAVE ANY SUSPECT MASTIC ON IT.
- HIGH PLASTER CEILING IN PLACE IS NEGATIVE FOR ASBESTOS

**ROOM 121 NOTES:**

- SOLID WOOD DOOR- NOT SUSPECT FOR ASBESTOS
- HIGH PLASTER CEILING IS NEGATIVE FOR ASBESTOS
- SILICONE CAULK ON SINK- NOT SUSPECT FOR ASBESTOS
- BLACK UNDERCOATING UNDER SINK- DEEMED POSITIVE FOR ASBESTOS
- ENTRY WAY HAS 1X1 CEILING TILE WITH ASBESTOS BROWN MASTIC DETECTED ABOVE SUSPENDED CEILING

**ROOM 114 NOTES:**

- NO CAULK DETECTED ON THE SINK
- BLACK UNDERCOATING UNDER SINK- MATERIAL DEEMED POSITIVE FOR ASBESTOS
- UNPAINTED CONCRETE FLOORING

**ROOM 113 NOTES:**

- NO UNDERCOATING OR CAULK ON THE SINK
- PLASTER ABOVE CEILING IS NEGATIVE FOR ASBESTOS
- DUCTWORK LOCATED IN WALL CAVITY AND COULD NOT BE INSPECTED
- SOLID WOOD DOOR – NOT SUSPECT FOR ASBESTOS

**HALLWAY NOTES:**

- 1X1 CEILING TILE WITH BROWN ASBESTOS MASTIC ABOVE SUSPENDED CEILING ATTACHED TO PLASTER CEILING
- 12X12 FLOOR TILE WITH ASBESTOS BLACK MASTIC DETECTED IN HALL NEAR WOMEN' RESTROOM
- WHITE CERAMIC FLOOR TILE IS PRESENT BENEATH THE CARPET IN ROOMS 120 AND HALLWAY OUTSIDE ROOMS 119-121. THE FLOOR TILE IS LAID DIRECTLY OVER CONCRETE AND IS NOT SUSPECT FOR ASBESTOS.

**GENERAL NOTES:**

- MASTIC MAY OR MAY NOT BE DETECTED BEHIND MIRRORS IN THE BATHROOMS. IF MASTIC IS DETECTED DURING RENOVATION, PLEASE STOP WORK AND CALL USC HAZMAT INSPECTORS TO SAMPLE MATERIAL.
- PLUMBING PIPE INSULATION WAS NOT CHECKED BECAUSE IT IS BEHIND WALL CAVITY. ONCE WALL IS OPENED UP, PLEASE CONTACT USC HAZMAT INSPECTORS TO CHECK INSULATION.
- PLUMBING CONNECTIONS WILL BE MADE ABOVE THE BASEMENT CEILING. PER PROJECT MANAGER, THESE AREAS WILL BE INSPECTED AT A LATER DATE ONCE SPECIFIC DETAILS ARE KNOWN.

IF YOU ENCOUNTER ANY OTHER MATERIALS IN PLACE AND DEEM THEM SUSPECT FOR ASBESTOS AND/OR LEAD, PLEASE STOP WORK AND CONTACT THE ASBESTOS PROGRAM MANAGER FOR FURTHER TESTING OR ABATEMENT.

PLEASE NOTE THAT THE MATERIAL QUANTITY PROVIDED ON THE FIELD SHEET IS ONLY AN ESTIMATE FOR SAMPLING PURPOSES. THE QUANTITY SHOULD BE FIELD VERIFIED FOR ALL OTHER PURPOSES INCLUDING ABATEMENT.

REFER TO THE SURVEY RESULTS ATTACHED TO THE WORK ORDER FOR DETAILED INFORMATION.

**30-SEP-15 ASBESTOS SUMMARY FOR MCKISSICK (015) – SEPTEMBER 2015**

ASBESTOS HAS BEEN FOUND IN THIS BUILDING. IF DISTURBED, ASBESTOS MAY BE HARMFUL TO YOUR HEALTH.

PLEASE DO NOT DISTURB THE FOLLOWING MATERIALS IN THIS BUILDING AS THEY HAVE BEEN FOUND TO CONTAIN ASBESTOS.

- PIPE INSULATION (AIR CELL, JOINTS AND ELBOWS)
- FLOOR TILE
- BLACK MASTIC UNDER FLOOR TILE
- RESIDUAL BLACK MASTIC ON FLOORING
- BLACK DUCT MASTIC
- OLIVE DUCT MASTIC
- MASTIC HOLDING 1X1 CEILING TILES IN PLACE
- TEXTURED PLASTER

IF A BUILDING MATERIAL IS NOT LISTED, DO NOT ASSUME THAT IT DOES NOT CONTAIN ASBESTOS. IT MAY NOT HAVE BEEN TESTED.

FOR FURTHER INFORMATION, PLEASE CONTACT THE USC HAZMAT PROGRAM.

**30-SEP-15 CRAWL SPACE MAY BE CONTAMINATED WITH ASBESTOS**

THE SOIL IN CRAWL SPACES MAY BE CONTAMINATED WITH ASBESTOS FROM OLD PIPE INSULATION AND OTHER MATERIALS. PLEASE CONTACT THE USC HAZMAT PROGRAM BEFORE ENTERING THESE CRAWL SPACES.





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706 Gralin Street Kernersville, NC 27284  
Tel/Fax: (336) 992-1025 / (336) 992-4175  
<http://www.EMSL.com> / [greensborolab@emsl.com](mailto:greensborolab@emsl.com)

EMSL Order: 021601780  
Customer ID: UNSC62  
Customer PO:  
Project ID:

**Attention:** USC Hazmat  
University of South Carolina  
743 Greene Street  
Columbia, SC 29208

**Phone:** (803) 777-7000  
**Fax:** (803) 777-3990  
**Received Date:** 03/14/2016 10:30 AM  
**Analysis Date:** 03/14/2016  
**Collected Date:**

**Project:** 15 McKissick

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1 021601780-0001	White Caulk	Gray/White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
2 021601780-0002	White Caulk	Gray/Beige Non-Fibrous Homogeneous	<1% Cellulose <1% Synthetic	100% Non-fibrous (Other)	None Detected
3 021601780-0003	White Caulk	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
4 021601780-0004	Textured Plaster	Gray/Tan/Beige Non-Fibrous Heterogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (Other)	None Detected
5 021601780-0005	Textured Plaster	Gray/Tan/Beige Non-Fibrous Heterogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (Other)	None Detected
6 021601780-0006	Textured Plaster	Gray/Tan Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
7 021601780-0007	Skim Coat	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
8 021601780-0008	Skim Coat	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
9 021601780-0009	Skim Coat	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
10 021601780-0010	2x2 Ceiling Tile	Gray/Tan/White Fibrous Homogeneous	40% Cellulose 20% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
11 021601780-0011	2x2 Ceiling Tile	Gray/Tan Fibrous Homogeneous	40% Cellulose 20% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
12 021601780-0012	2x2 Ceiling Tile	Gray/White Fibrous Heterogeneous	40% Cellulose 20% Min. Wool	30% Perlite 10% Non-fibrous (Other)	None Detected
13 021601780-0013	Joint Compound	White Non-Fibrous Homogeneous	1% Cellulose	30% Ca Carbonate 69% Non-fibrous (Other)	None Detected
14 021601780-0014	Joint Compound	White Non-Fibrous Homogeneous	<1% Cellulose	30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
15 021601780-0015	Joint Compound	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
16 021601780-0016	Sheetrock	Gray Non-Fibrous Homogeneous	1% Cellulose 1% Glass	98% Non-fibrous (Other)	None Detected



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EMSL Order: 021601780  
Customer ID: UNSC62  
Customer PO:  
Project ID:

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
17 021601780-0017	Sheetrock	Gray/Tan Non-Fibrous Homogeneous	2% Cellulose 1% Glass	97% Non-fibrous (Other)	None Detected
18 021601780-0018	Sheetrock	Gray Fibrous Heterogeneous	2% Cellulose 1% Glass	97% Non-fibrous (Other)	None Detected
19 021601780-0019	Plaster	Gray/Tan/Beige Non-Fibrous Heterogeneous	1% Cellulose	30% Quartz 69% Non-fibrous (Other)	None Detected
20 021601780-0020	Plaster	Gray/Tan/Beige Non-Fibrous Heterogeneous	1% Cellulose	30% Quartz 69% Non-fibrous (Other)	None Detected
21-Skim Coat 021601780-0021	Plaster	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
21-Rough Coat 021601780-0021A	Plaster	Gray/Tan Non-Fibrous Heterogeneous		30% Quartz 70% Non-fibrous (Other)	None Detected
22-Transition Strip 021601780-0022	Black Transition Strip/Glue	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22-Mastic 021601780-0022A	Black Transition Strip/Glue	Yellow/Rust/Orange Non-Fibrous Heterogeneous	<1% Cellulose 3% Synthetic	97% Non-fibrous (Other)	None Detected
23-Transition Strip 021601780-0023	Black Transition Strip/Glue	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
23-Mastic 021601780-0023A	Black Transition Strip/Glue	Yellow/Rust/Orange Non-Fibrous Heterogeneous	1% Cellulose 3% Synthetic	96% Non-fibrous (Other)	None Detected
24-Transition Strip 021601780-0024	Black Transition Strip/Glue	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
24-Mastic 021601780-0024A	Black Transition Strip/Glue	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected

Analyst(s)  
James Cole (10)  
Scott Combs (18)

Stephen Bennett, Laboratory Manager  
or Other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial Report From: 03/15/2016 08:31:56



**EMSL Analytical, Inc.**

706 Gralin Street, Kernersville, NC 27284  
Phone/Fax: (336) 992-1025 / (336) 992-4175  
<http://www.EMSL.com> [greensborolab@emsl.com](mailto:greensborolab@emsl.com)

EMSL Order: 021601780  
CustomerID: UNSC62  
CustomerPO:  
ProjectID:

Attn: **USC Hazmat**  
**University of South Carolina**  
**743 Greene Street**  
**Columbia, SC 29208**

Phone: (803) 777-7000  
Fax: (803) 777-3990  
Received: 03/14/16 10:30 AM  
Analysis Date: 3/15/2016  
Collected:

Project: **15 McKissick**

**Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM  
via EPA/600/R-93/116 Section 2.5.5.1**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES
3 021601780-0003	White Caulk	White Fibrous Heterogeneous	100	None	No Asbestos Detected
24-Transition Strip 021601780-0024	Black Transition Strip/Glue	Black Fibrous Heterogeneous	100	None	No Asbestos Detected
24-Mastic 021601780-0024A	Black Transition Strip/Glue	Yellow Fibrous Heterogeneous	100	None	No Asbestos Detected

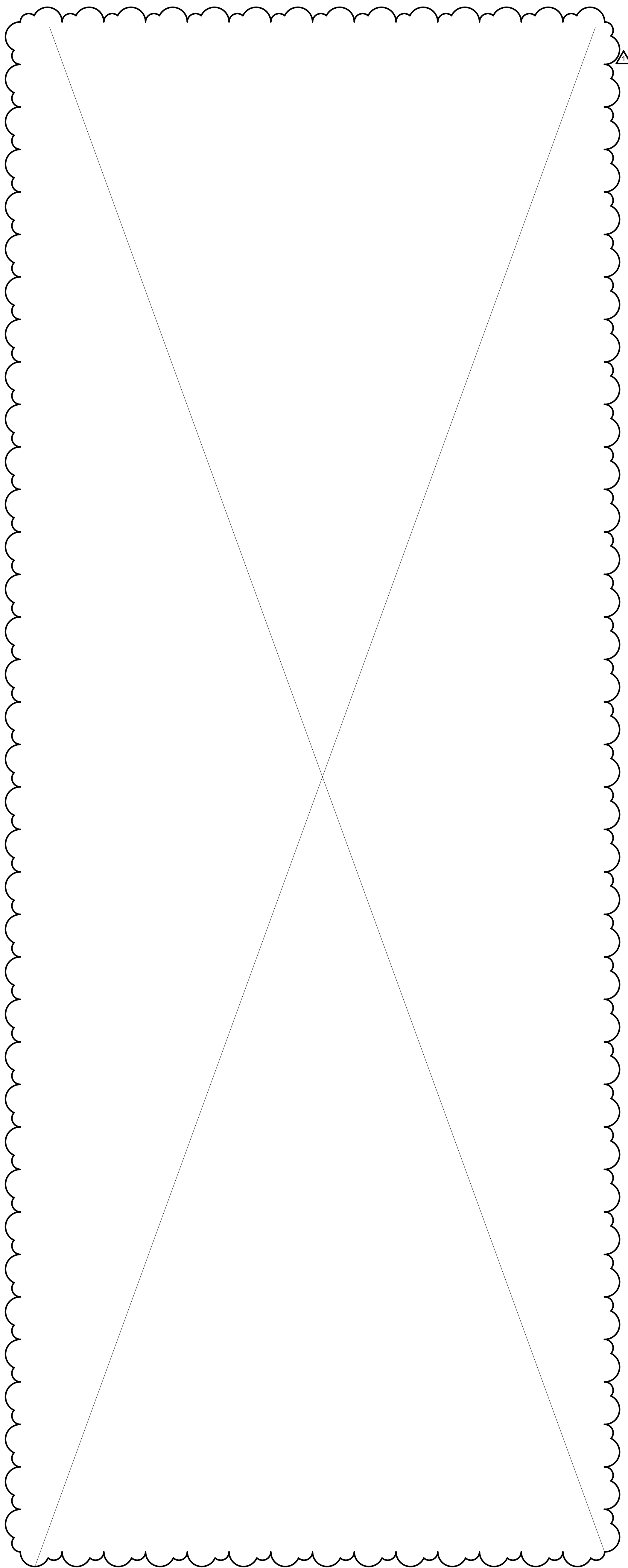
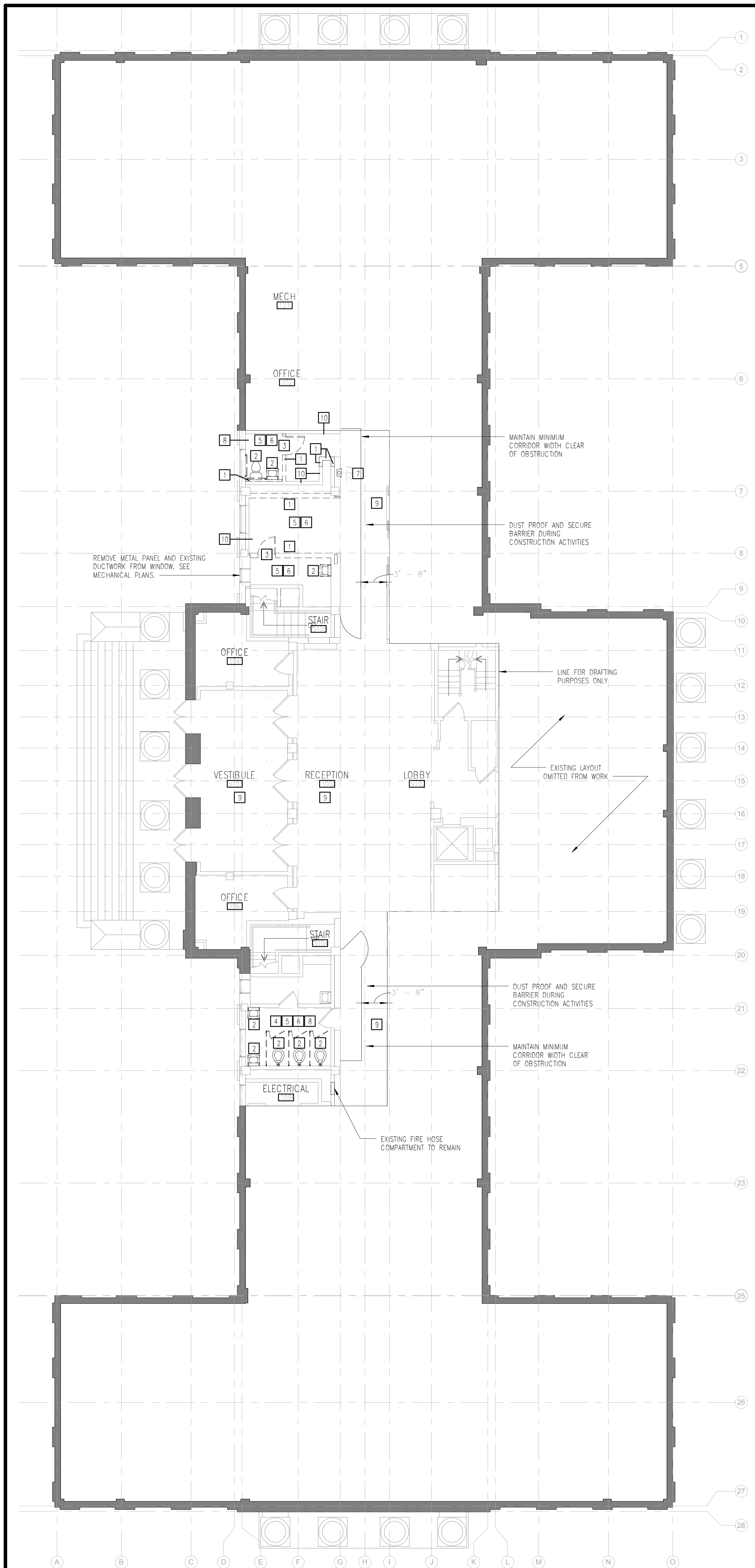
Analyst(s) \_\_\_\_\_  
Stephen Bennett (3)

  
Stephen Bennett, Laboratory Manager  
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. Samples received in good condition unless otherwise noted. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample.  
Samples analyzed by EMSL Analytical, Inc. Kernersville, NC

Initial report from 03/15/2016 16:19:23

Reading No	Time	Type	Duration	Units	Sequence	Component	Substrate	Side	Condition	Color	Site	Inspector	Floor	Room	Misc 1	Misc 2	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
2	3/11/2016 10:54	PAINT		1.28 mg / cm ^2	Final	calibrate				green	south energy	melaro					Negative	1.55	0.7 < LOD		0.26 < LOD		0.26 < LOD		2.13
14	3/11/2016 13:53	PAINT		1.27 mg / cm ^2	Final	calibrate				green	mckissick	melaro					Negative	1.04	0.7 0.3	0.18	0.3		0.18 < LOD		0
15	3/11/2016 14:07	PAINT		20 mg / cm ^2	Final	wall tile	ceramic	good		white	mckissick	melaro		121			Null	2.25	0.7 0.19	0.04	0.19	0.04	0.7		0.4
16	3/11/2016 14:08	PAINT		3.82 mg / cm ^2	Final	wall tile	ceramic	good		white	mckissick	melaro		121			Positive	2.41	0.7 1	0.2	1	0.2	1.3		1.1
17	3/11/2016 14:08	PAINT		12.93 mg / cm ^2	Final	wall tile	ceramic	good		white	mckissick	melaro		121			Positive	2.09	0.7 0.8	0.1	0.8	0.1	1.1		0.5
18	3/11/2016 14:09	PAINT		3.64 mg / cm ^2	Final	wall	concrete	good		gray	mckissick	melaro		121			Null	5.47	0.7 0.07	0.09	0.07	0.09	0.22		0.99
19	3/11/2016 14:09	PAINT		1.82 mg / cm ^2	Final	wall	concrete	good		gray	mckissick	melaro		121			Null	3.37	0.7 0.04	0.11	0.04	0.11	0.6		2.3
20	3/11/2016 14:10	PAINT		5.09 mg / cm ^2	Final	wall	concrete	good		gray	mckissick	melaro		121			Negative	6.58	0.7 0.08	0.09	0.08	0.09	0.3		0.77
21	3/11/2016 14:13	PAINT		3.27 mg / cm ^2	Final	wall	concrete	good		gray	mckissick	melaro		121			Negative	1	0.7 0	0.02	0	0.02	0.21		0.69
22	3/11/2016 14:14	PAINT		2.01 mg / cm ^2	Final	wall	concrete	good		gray	mckissick	melaro		121			Null	4.09	0.7 0.07	0.15	0.07	0.15	0.01		1.95
23	3/11/2016 14:14	PAINT		3.64 mg / cm ^2	Final	wall	concrete	good		gray	mckissick	melaro		121			Negative	5.89	0.7 0.11	0.12	0.11	0.12	0.18		0.96
24	3/11/2016 14:15	PAINT		5.09 mg / cm ^2	Final	floor tile	ceramic	good		white	mckissick	melaro		121			Negative	10	0.7 < LOD		0	0.1	0.16 < LOD		0
25	3/11/2016 14:15	PAINT		4.56 mg / cm ^2	Final	floor tile	ceramic	good		white	mckissick	melaro		121			Negative	4.2	0.7 0.03	0.05	0.03	0.05	0.16		0.97
26	3/11/2016 14:16	PAINT		4.37 mg / cm ^2	Final	floor tile	ceramic	good		white	mckissick	melaro		121			Negative	2.14	0.7 0.02	0.02	0.02	0.02	0.16		1
27	3/11/2016 14:16	PAINT		0.55 mg / cm ^2	Final	sink	ceramic	good		white	mckissick	melaro		121			Positive	1.76	0.7 31.7	24.4	6.9	4	31.7		24.4
28	3/11/2016 14:16	PAINT		0.54 mg / cm ^2	Final	sink	ceramic	good		white	mckissick	melaro		121			Positive	2.16	0.7 34.2	26.2	10.1	7.4	34.2		26.2
29	3/11/2016 14:16	PAINT		1.28 mg / cm ^2	Final	toilet	ceramic	good		white	mckissick	melaro		121			Negative	3.46	0.7 0.06	0.18	0.06	0.18	0.5		3
30	3/11/2016 14:17	PAINT		0.37 mg / cm ^2	Final	toilet	ceramic	good		white	mckissick	melaro		121			Null	1	0.7 0.01	0.07	0.01	0.07	0.7		8.4
31	3/11/2016 14:17	PAINT		0.55 mg / cm ^2	Final	toilet	ceramic	good		white	mckissick	melaro		121			Null	4.37	0.7 0.06	0.34	0.06	0.34	0.6		6.8
32	3/11/2016 14:17	PAINT		1.28 mg / cm ^2	Final	toilet	ceramic	good		white	mckissick	melaro		121			Negative	1	0.7 0.01	0.03	0.01	0.03	< LOD		0
33	3/11/2016 14:17	PAINT		1.27 mg / cm ^2	Final	door frame	metal	good		white	mckissick	melaro		121			Negative	1	0.7 0	0.02	0	0.02	< LOD		0
34	3/11/2016 14:17	PAINT		1.27 mg / cm ^2	Final	door frame	metal	good		white	mckissick	melaro		121			Negative	2.25	0.7 0.02	0.07	0.02	0.07	0.04		2.8
35	3/11/2016 14:18	PAINT		1.28 mg / cm ^2	Final	door frame	metal	good		gray	mckissick	melaro		121			Negative	1.54	0.7 0.01	0.05	0.01	0.05	0		2.87
36	3/11/2016 14:18	PAINT		1.27 mg / cm ^2	Final	door frame	metal	good		gray	mckissick	melaro		121			Negative	3.91	0.7 0.08	0.2	0.08	0.2	0.5		2.8
37	3/11/2016 14:18	PAINT		1.27 mg / cm ^2	Final	door	metal	good		gray	mckissick	melaro		121			Negative	1	0.7 0	0.02	0	0.02	0.07		1.63
38	3/11/2016 14:18	PAINT		1.28 mg / cm ^2	Final	door	metal	good		gray	mckissick	melaro		121			Negative	1	0.7 0	0.02	0	0.02	0.7		1.7
39	3/11/2016 14:19	PAINT		1.27 mg / cm ^2	Final	door	metal	good		white	mckissick	melaro		121			Negative	1	0.7 0	0.02	0	0.02	< LOD		0
40	3/11/2016 14:19	PAINT		1.27 mg / cm ^2	Final	door	metal	good		white	mckissick	melaro		121			Negative	1	0.7 0	0.02	0	0.02	0.03		1.79
41	3/11/2016 14:22	PAINT		20 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	1.28	0.7 0.03	0.02	0.03	0.02	0.4		0.4
42	3/11/2016 14:24	PAINT		20 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	1.28	0.7 0.02	0.02	0.02	0.02	0.6		0.4
43	3/11/2016 14:25	PAINT		10.54 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	1.61	0.7 0.04	0.02	0.04	0.02	0.17		0.53
44	3/11/2016 14:26	PAINT		20 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	1.89	0.7 0.06	0.02	0.06	0.02	0.5		0.4
45	3/11/2016 14:27	PAINT		20 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	1.38	0.7 0.04	0.02	0.04	0.02	0.5		0.4
46	3/11/2016 14:29	PAINT		11.63 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	1.53	0.7 0.04	0.02	0.04	0.02	0.15		0.51
47	3/11/2016 14:29	PAINT		3.28 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	1.7	0.7 0.05	0.04	0.05	0.04	< LOD		0
48	3/11/2016 14:29	PAINT		4.71 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		119			Negative	2.36	0.7 < LOD		0	0.06	0.4 < LOD		0
49	3/11/2016 14:31	PAINT		0.54 mg / cm ^2	Final	sink	porcelain	good		white	mckissick	melaro		119			Positive	2.14	0.7 37.1	27.4	10.1	8.1	37.1		27.4
50	3/11/2016 14:31	PAINT		1.27 mg / cm ^2	Final	shelf	wood	good		black	mckissick	melaro		119			Negative	1	0.7 0	0.02	0	0.02	0.19		1.36
51	3/11/2016 14:31	PAINT		1.27 mg / cm ^2	Final	shelf	wood	good		black	mckissick	melaro		119			Negative	1	0.7 0	0.02	0	0.02	0.23		1.61
52	3/11/2016 14:32	PAINT		0.73 mg / cm ^2	Final	shelf	wood	good		black	mckissick	melaro		119			Null	1	0.7 0	0.03	0	0.03	< LOD		0
53	3/11/2016 14:32	PAINT		0.55 mg / cm ^2	Final	shelf	wood	good		black	mckissick	melaro		119			Null	1	0.7 0	0.04	0	0.04	0.3		3.3
54	3/11/2016 14:32	PAINT		1.09 mg / cm ^2	Final	shelf	wood	good		black	mckissick	melaro		119			Negative	1	0.7 0	0.02	0	0.02	0.5		1.7
55	3/11/2016 15:00	PAINT		5.64 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		113			Null	3	0.7 0.03	0.04	0.03	0.04	0.5		0.8
56	3/11/2016 15:01	PAINT		15.42 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		113			Null	7.94	0.7 0.8	0.4	0.12	0.07	0.8		0.4
57	3/11/2016 15:04	PAINT		5.28 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		113			Negative	7.84	0.7 0.05	0.09	0.05	0.09	0.2		0.79
58	3/11/2016 15:04	PAINT		4.73 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		113			Negative	3.62	0.7 0.03	0.04	0.03	0.04	0.3		0.82
59	3/11/2016 15:04	PAINT		3.09 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		113			Null	3.56	0.7 0.08	0.08	0.08	0.08	0.4		1
60	3/11/2016 15:05	PAINT		9.83 mg / cm ^2	Final	wall	plaster	good		gray	mckissick	melaro		113			Negative	4.08	0.7 0.08	0.05	0.08	0.05	0.5		0.6
61	3/11/2016 15:06	PAINT		0.73 mg / cm ^2	Final	stall door	wood	good		white	mckissick	melaro		113			Positive	2.67	0.7 3.3	2.2	3.3	2.2	2.9		5.7
62	3/11/2016 15:06	PAINT		0.73 mg / cm ^2	Final	stall door	wood	good		white	mckissick	melaro		113			Positive	3.07	0.7 4.4	3.1	4.4	3.1	4		5.9
63	3/11/2016 15:06	PAINT		0.55 mg / cm ^2	Final	sink	porcelain	good		white	mckissick	melaro		113			Positive	1.75	0.7 7.1	4.2	7.1	4.2	6.3		11.2
64	3/11/2016 15:07	PAINT		1.09 mg / cm ^2	Final	toilet	porcelain	good		white	mckissick	melaro		113			Negative	4.79	0.7 0.08	0.34	0.08	0.34	< LOD		0
65	3/11/2016 15:07	PAINT		1.09 mg / cm ^2	Final	toilet	porcelain	good		white	mckissick	melaro		113			Negative	2.7	0.7 0.02	0.14	0.02	0.14	< LOD		0
66	3/11/2016 15:07	PAINT		1.27 mg / cm ^2	Final	toilet	porcelain	good		white	mckissick	melaro		113			Negative	1	0.7 0.01	0.03	0.01	0.03	< LOD		0
67	3/11/2016 15:08	PAINT		1.09 mg / cm ^2	Final	door	wood	good		white	mckissick	melaro		113			Positive	5.02	0.7 5.8	3.2	5.8	3.2	3.7		3.3
68	3/11/2016 15:08	PAINT		2.18 mg / cm ^2	Final	door	wood	good		gray	mckissick	melaro		113			Positive	9.18	0.7 3	2.2	2.9	1.8	3		2.2
69	3/11/2016 15:10	PAINT		3.28 mg / cm ^2	Final	door frame	metal	good		gray	mckissick	melaro		113			Negative	5.49	0.7 0.4	0.2	0.4	0.2	< LOD		0
70	3/11/2016 15:10	PAINT		1.27 mg / cm ^2	Final	door frame	metal	good		gray	mckissick	melaro		113			Negative	3.28	0.7 0.2	0.27	0.2	0.27	0.7		3.1
71	3/11/2016 15:11	PAINT		1.27 mg / cm ^2	Final	door frame	metal	good		white	mckissick	melaro		113			Negative	2.1	0.7 0.2	0.21	0.2	0.21	0.6		2.9
72	3/11/2016 15:11	PAINT		1.27 mg / cm ^2	Final	door frame	metal	good		white	mckissick	melaro		113			Negative	1.54	0.7 0.16	0.16	0.16	0.16	0.01		2.83
73	3/11/2016 15:11	PAINT		1.27 mg / cm ^2	Final	door frame	metal	good		white	mckissick	melaro		114			Negative	3.38	0.7 0.3	0.35	0.3	0.35	0.6		2.9
74	3/11/																								



**GENERAL DEMOLITION NOTES:**

1. LIFE-SAFETY EGRESS FROM EXISTING AREAS EITHER RENOVATED OR HAVING THE EGRESS AFFECTED BY THE RENOVATION SHALL BE MAINTAINED CLEAR OF OBSTRUCTION AND IMPEDIMENT TO EXITING AND SHALL BE SUPPLEMENTED TO PROVIDE REQUIRED LIFE-SAFETY COVERAGE AT ALL TIMES DURING DEMOLITION AND CONSTRUCTION.
2. INTERIOR FINISHES, MATERIALS, FURNITURE, EQUIPMENT, ETC. IN BUILDINGS TO REMAIN SHALL BE PROTECTED AS NECESSARY TO ELIMINATE POSSIBILITY OF MOISTURE, DUST, DEBRIS DAMAGE, COVER AND PROTECT AS NECESSARY.
3. ALL DEMOLITION SHALL BE PERFORMED WITH THE "DUE CARE AND DILIGENCE". ALL SUCH DISCOVERIES OF UTILITIES DURING THE DEMOLITION PROCESS WHICH ARE IN A DIFFERENT LOCATION FROM THAT INDICATED, CHANGE DIRECTION FROM FLOOR-TO-FLOOR, ETC., OR ARE UNIDENTIFIED, SHALL BE REPORTED TO THE ARCHITECT BEFORE REMOVAL OR DISTURBANCE.
4. ANY DAMAGE TO EXISTING CONDITIONS CAUSED BY DEMOLITION AND/OR NEW WORK SHALL BE REPAIRED AS DETAIL, OR WHERE NO DETAIL IS SHOWN, RESTORED BACK TO ITS ORIGINAL FINISHED CONDITION, BY THE CONTRACTOR RESPONSIBLE FOR THE DAMAGE.
5. DIMENSIONS SHOWN ON THE RENOVATION PLANS ARE SHOWN AS A REFERENCE FOR THE CONTRACTORS AND SHALL BE CONSIDERED +/-, IF EXACT DIMENSIONS ARE REQUIRED, FIELD MEASUREMENTS SHALL BE TAKEN BY EACH CONTRACTOR.
6. ALL HOLES MADE IN EXISTING WALLS OR FLOORS OR MADE BY THE REMOVAL OF ANY EQUIPMENT OR FIXTURES SHALL BE PATCHED TO MATCH EXISTING, INSTALL NEW MATERIAL FLUSH WITH EXISTING ON BOTH SIDES.
7. EXISTING WALLS, FLOORS, CEILINGS, ETC. SHALL REMAIN UNDISTURBED UNLESS OTHERWISE NOTED.
8. NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT ARE DIFFERENT THAN THOSE REPRESENTED BY THESE DOCUMENTS.
9. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR DEMOLITION OF SPECIFIC ITEMS AND EQUIPMENT RELATED TO RESPECTIVE TRADES AS NECESSARY.
10. ALL WORK SHALL CONFORM WITH ALL LOCAL AND FEDERAL (INCLUDING ADA) AGENCIES HAVING JURISDICTION.

**KEYED DEMOLITION NOTES**

1	REMOVE EXISTING INTERIOR WALL CONSTRUCTION - CMU/PLASTER. TEMPORARILY SHORE WALLS AS NECESSARY FOR WALL SUPPORT INSTALLATION. SEE STRUCTURAL DRAWINGS FOR DETAILS.
2	REMOVE EXISTING PLUMBING FIXTURE. PATCH AND REPAIR WALL AS NECESSARY. REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.
3	REMOVE EXISTING DOOR, FRAME, HARDWARE AND SECURITY DEVICES. EXISTING BRASS HARDWARE TO BE PROTECTED AND RETURNED TO THE OWNER.
4	REMOVE EXISTING TOILET PARTITIONS COMPLETE INCLUDING MOUNTING BRACKETS AND ALL ASSOCIATED HARDWARE. PROTECT MARBLE DIVIDERS AND RETURN TO THE OWNER.
5	REMOVE EXISTING FLOORING, ADHESIVE, SETTING BEDS, ACCESSORIES, ETC.
6	REMOVE EXISTING CEILINGS COMPLETE TO THE EXTENT REQUIRED TO FACILITATE NEW CONSTRUCTION. COVER AND PLASTER CEILING THAT IS ABOVE EXISTING ACT.
7	REMOVE EXISTING FIREHOSE COMPARTMENT
8	REMOVE EXISTING WALL TILE, ADHESIVE, SETTING BEDS, ACCESSORIES, ETC.
9	PROTECT EXISTING FINISHES IN EXISTING HALLWAYS.
10	REMOVE EXISTING WALL COVERING, ADHESIVE, ACCESSORIES, ETC.

**PHASING NOTES**

1. DRAWINGS SHOW GENERAL INTENT OF DESIGN. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH PHASING. PHASING SHALL TAKE INTO ACCOUNT ALL ASPECTS OF THE JOB INCLUDING HVAC, ELECTRICAL, ETC. PORTIONS OF BUILDING SHALL BE OCCUPIED AT ALL TIMES THROUGHOUT CONSTRUCTION. COORDINATE PHASING AND SHUTDOWNS WITH OWNER. OWNER SHALL BE PROVIDED WITH TWO WEEKS NOTICE PRIOR TO SHUTDOWNS. NO OCCUPIED FLOOR SHALL BE WITHOUT HVAC OR ELECTRICAL SERVICE DURING CONSTRUCTION OR DEMOLITION WORK.
2. CONTRACTOR SHALL PROVIDE A FIRE WATCH DURING ENTIRE CONSTRUCTION AT ALL TIMES. IF FIRE ALARM ISN'T ACTIVE, FIRE WATCH SHALL BE DEDICATED FULL TIME TRAINED PERSONNEL MONITORING THE BUILDING DURING ENTIRE TIME FIRE ALARM ISN'T ACTIVE.
3. ONE BUILDING ELEVATOR NEEDS TO BE MAINTAINED AT ALL TIMES FOR OCCUPANTS. A SAFE ROUTE SHALL BE PROVIDED ON THE FIRST FLOOR TO THE ELEVATOR FROM THE PARKING LOT FOR ADA ACCESS TO UPPER FLOORS NOT UNDER CONSTRUCTION. PROVIDE TEMPORARY PROTECTION OF THE INGRESS/EGRESS PATH WHILE WORK IS OCCURRING IN THE BUILDING. THIS ELEVATOR SHALL BE PROTECTED DURING CONSTRUCTION AND ALL DAMAGE WILL BE REPAIRED AT CONCLUSION OF PROJECT.
4. CONTRACTOR SHALL PROVIDE A DETAILED COORDINATION PLAN AND SUBMIT IT TO THE ARCHITECT/OWNER FOR APPROVAL. COORDINATION SHALL INCLUDE TRADES, PHASING, SCHEDULES, AND CONVENIENCE.
5. PHASE ONE INCLUDES ALL WORK ON FIRST FLOOR. PHASE TWO INCLUDES ALL WORK ON SECOND FLOOR.
6. PHASE TWO WORK CANNOT COMMENCE UNTIL C/O IS ACHIEVED FOR FIRST FLOOR WORK.
7. DEMOLITION OF SYSTEM COMPONENTS SHALL BE COORDINATED WITH PHASING AND OVER ALL COORDINATION PLAN. DEMOLITION OF COMPONENTS MAY OCCUR DURING PHASING AS NECESSARY.
8. ALL PERMIT, CONTRACTS AND NECESSARY COMPONENTS REQUIRED FOR THE PROPER OPERATION OF EQUIPMENT SHALL BE PROVIDED AND COORDINATED WITH THE PHASING.
9. EACH INDIVIDUAL PHASE WILL INCLUDE A SUBSTANTIAL COMPLETION, PUNCHLIST, AND CERTIFICATE OF OCCUPANCY.



**Architects/Engineers/Planners**  
 1201 Main Street, Suite 2100  
 Columbia S.C. 29201  
 tel. 803-256-0000  
 fax 803-255-7243

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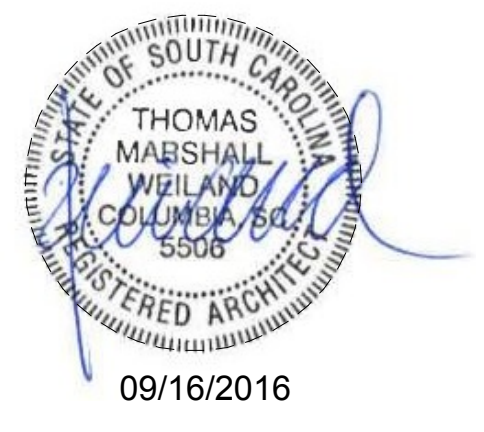
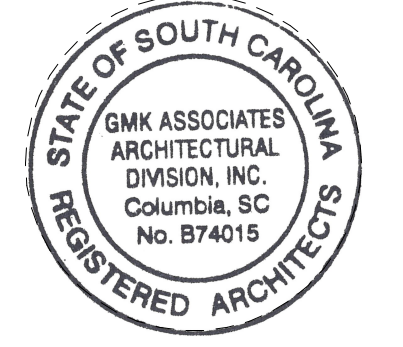


owner  
**USC CAMPUS PLANNING AND CONSTRUCTION**  
 743 GREENE STREET  
 COLUMBIA, SC 29208

project name  
**GENERAL CONSTRUCTION INDEFINITE DELIVERY CONTRACT (MCKISSICK MUSEUM BATHROOM RENOVATIONS)**

project number  
**GMK PROJECT # 16013.01 STATE PROJECT #H27-D259-CB**

seals/signature

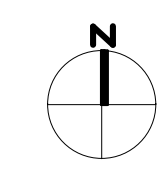


issued for  
**CONSTRUCTION DOCUMENTS**

date  
**07/25/16**

number	item	date
A	Addendum Number 1	9/16/16

key plan



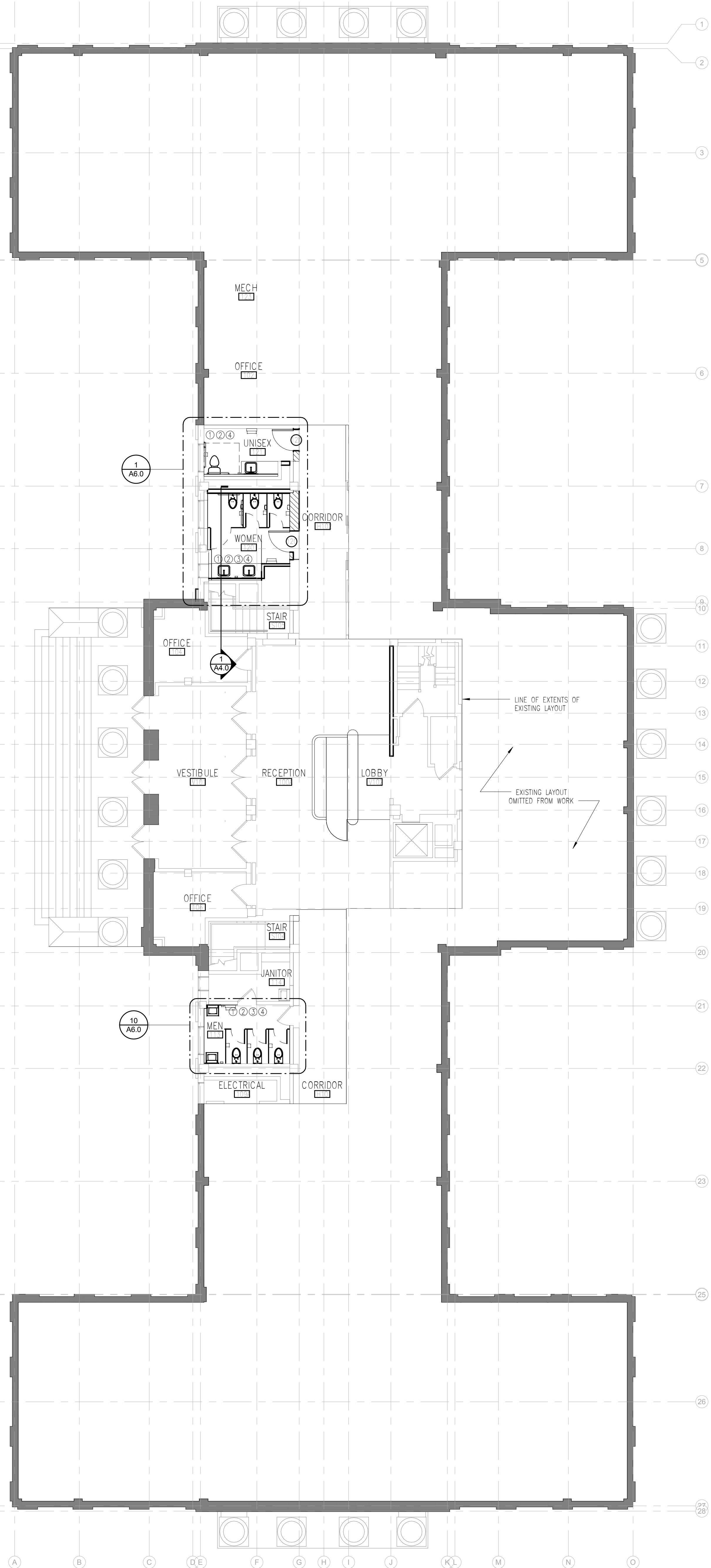
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sheet number  
**A1.0**

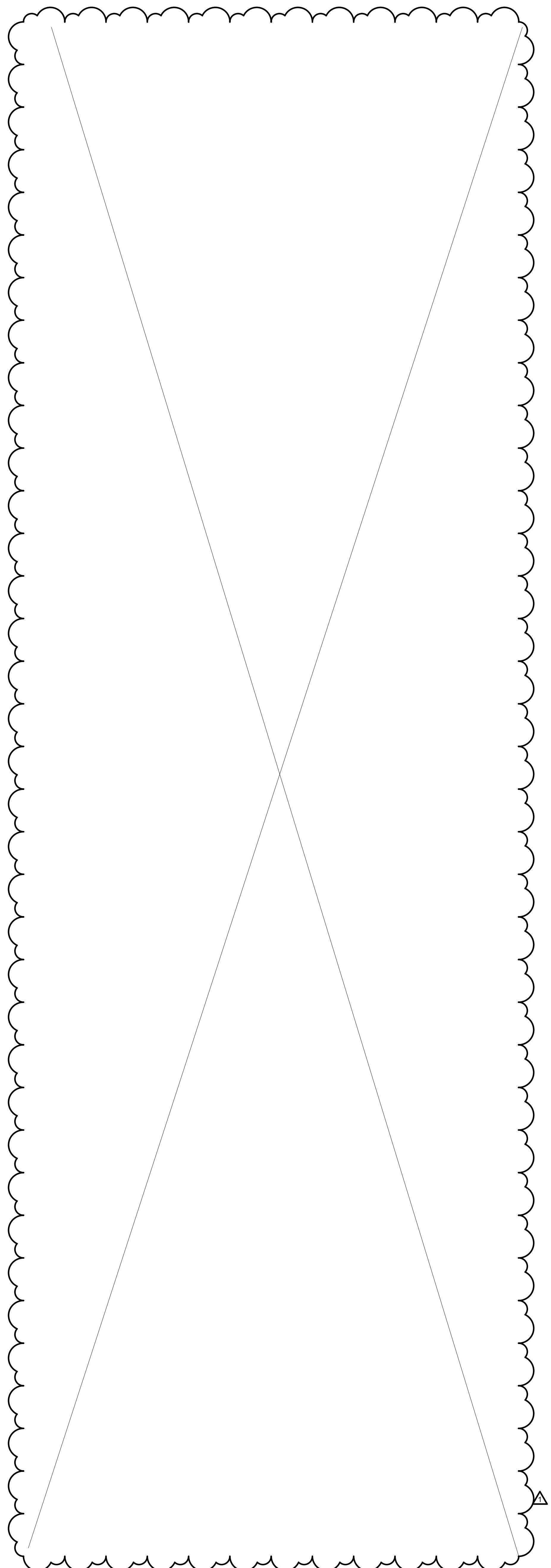
drawn by **MAP**  
 checked by **TMW**

**1 DEMOLITION PLAN - FIRST FLOOR**  
 1/8" = 1'-0"

**2 ALTERNATE #1 - DEMOLITION PLAN - SECOND FLOOR**  
 1/8" = 1'-0"



1 RENOVATION PLAN - FIRST FLOOR  
1/8"=1'-0"



2 ALTERNATE #1 - DEMOLITION PLAN - SECOND FLOOR  
1/8"=1'-0"

GENERAL NOTES

1. NOTIFY THE ARCHITECT IMMEDIATELY UPON DISCOVERY OF EXISTING CONDITIONS THAT ARE CONTRARY TO THOSE REPRESENTED WITHIN THE DRAWINGS.
2. NEW WORK SHALL ALIGN WITH AND MATCH EXISTING WORK EXCEPT WHERE OTHERWISE DIMENSIONED AND DETAILED.
3. ALL NEW VERTICAL AND HORIZONTAL DUCTS, PIPES, CONDUITS, ETC. (WHETHER SHOWN OR NOT) IN FINISHED ROOMS OR AREAS THROUGH OUT BUILDING, NOT CONCEALED, SHALL BE FURRED IN, AND FINISHED TO MATCH ROOM FINISH.
4. ALL NEW PARTITIONS, UNLESS OTHERWISE SHOWN OR DETAILED, SHALL BE METAL STUDS OF THICKNESS TO ADEQUATELY COVER PIPING, CONDUITS, ETC.
5. PROVIDE AN EDGE STRIP, AS DETAILED, UNDER ALL DOORS WHERE NEW OR EXISTING FINISHES AND ADJACENT FLOOR ARE AT DIFFERENT LEVELS AND WHERE ADJACENT FLOOR FINISHES ARE OF DIFFERENT MATERIALS. SEE DETAIL 6/AD.0.
6. EXISTING DOORS, WHICH SWING INTO ROOMS WHERE NEW FLOOR FINISH IS ABOVE ADJACENT FLOORS, SHALL BE CUT OFF AT BOTTOM TO CLEAR NEW FINISHED FLOOR. DOOR BOTTOM SHALL BE SEALED AND FINISHED TO MATCH EXISTING FINISH.
7. OFFSET ALL DOORS 6" FROM ADJACENT WALLS UNLESS OTHERWISE NOTED.
8. NEW TILE FINISHES APPLIED TO EXISTING WALLS AND PARTITIONS SHALL BE APPLIED DIRECTLY TO PLASTER OR GYP. BD. WALLS BY THE THIN SET METHOD. NEW PARTITIONS AND CLOSURES OF OPENINGS IN ROOMS HAVING TILE BASE AND/OR TILE WANSICOT SHALL BE FINISHED WITH TILE TO MATCH EXISTING. WHEN TILE CANNOT BE MATCHED, FURNISH ARCHITECT WITH SAMPLES OF EXISTING TILE TO PERMIT SELECTION OF SUBSTITUTE TILE.
9. PROVIDE ACCESS PANELS, 24" X 24", OR OF SIZES REQUIRED, WHERE PLUMBING AND HEATING VALVES, WATER SWITCHES, OXYGEN PRESSURE SWITCHES, VENTILATION SPLITTER DAMPERS, ETC. ARE SHOWN ON PLUMBING, HEATING, AND VENTILATION DRAWINGS. SUCH ACCESS PANELS TO BE INSTALLED IN THE FOLLOWING:  
(A) SUSPENDED PLASTER OR GYPSUM WALLBOARD CEILING  
(B) METAL STUD OR MASONRY PARTITIONS
10. WHEREVER EXISTING EQUIPMENT, PIPING, DUCTS, ETC. ARE REQUIRED TO BE REMOVED, SUCH REMOVAL SHALL INCLUDE ALL ANCHORS, HANGERS, FOUNDATIONS, ETC. AFTER REMOVAL FLOORS, WALLS AND CEILING SHALL BE FINISHED TO MATCH ADJOINING SURFACES OR AS INDICATED ON ROOM FINISH SCHEDULE.
11. WALL ASSEMBLIES SHALL BE MAINTAINED AT ALL RECESSED FIRE EXTINGUISHER CABINETS AND ALL RECESSED EQUIPMENT.
12. WHERE PAINT IS CALLED FOR ON WALLS IN RENOVATED ROOMS IN THE EXISTING BUILDING, ALL WALLS ARE TO BE PAINTED.
13. WHERE NO PAINT IS INDICATED IN AREAS WHERE PATCHING IS REQUIRED, NEW WORK IS TO BE PAINTED TO MATCH EXISTING ADJOINING SURFACES.
14. WHERE THE ROOM FINISH SCHEDULE CALLS FOR A NEW CEILING, THE EXISTING CEILING AND SUSPENSION SYSTEM IS TO BE COMPLETELY REMOVED.
15. PROVIDE FIRE EXTINGUISHING CABINETS OF THE TYPE SPECIFIED. REFER TO FLOOR PLANS (A2.0) FOR LOCATIONS.
16. WHERE THE ROOM FINISH SCHEDULE FOR EXISTING CONSTRUCTION CALLS FOR A NEW MATERIAL, THE ENTIRE ROOM IS TO RECEIVE THE NEW MATERIAL. WHERE THE ROOM FINISH SCHEDULE CALLS FOR BOTH PATCHING AND A NEW MATERIAL, THE NEW MATERIAL IS LIMITED TO AREAS OF NEW CONSTRUCTION WITHIN THAT ROOM ONLY.
17. SUPPLY BLOCKING AT ALL WALL HUNG EQUIPMENT (I.E., GRAB BARS, CASEWORK, MEDICAL EQUIPMENT, ETC.)
18. WHERE A NEW DOOR, VIEW WINDOW OR OPENING IS CUT THROUGH AN EXISTING MASONRY WALL, PROVIDE A LOOSE LINTEL AS REQUIRED ON THE LOOSE LINTEL SCHEDULE INDICATED ON THE STRUCTURAL DRAWINGS.
19. ALL DIMENSIONS SHOWN IN RENOVATED AREAS ARE TO BE VERIFIED IN THE FIELD BEFORE PROCEEDING WITH WORK.
20. IN ALL ROOMS BELOW AREAS WHICH RECEIVE UNDER FLOOR SERVICES, REMOVE A PORTION OF EXISTING CEILING AS REQUIRED. PATCH FINISHES TO MATCH EXISTING OR AS INDICATED ON ROOM FINISH SCHEDULE.
21. WHERE THE ROOM FINISH SCHEDULE CALLS FOR A ROOM TO BE PAINTED AND THAT ROOM CONTAINS WALL PAPER AND/OR VINYL CHAIR RAILS, THESE SHALL BE COMPLETELY REMOVED FROM WALLS AND ANY HOLES OR BUMPS SHALL BE FILLED OR SANDED SMOOTH BEFORE APPLYING NEW COAT OF PAINT.
22. ALL SHAFT PARTITIONS EXTEND FROM FLOOR SLAB TO UNDERSIDE OF SLAB ABOVE. EXPOSED BEAMS WITHIN SHAFTS ARE TO BE FIREPROOFED WITH 2-HOUR GYP. BD. ENCLOSURE.
23. THE FIRE RATINGS OF ALL FIRE RATED WALLS SHALL BE STENCILED ABOVE CEILING, EACH SIDE OF WALL, BOTH SIDES OF CORRIDORS AND AS REQ'D BY IBC.

FLOOR AND WALL PREPARATION NOTES

1. PREPARE EXISTING FLOOR SLABS FOR INSTALLATION OF NEW FLOOR FINISHES PER MANUFACTURER'S RECOMMENDATIONS. GRIND EXISTING SLABS SMOOTH AND LEVEL. USE THIN LEVELING TOPPING AS NECESSARY. FILL ALL VOIDS OR EXISTING PENETRATIONS WITH CONCRETE SUPPORTED FROM BELOW AS NECESSARY.
2. PREPARE EXISTING WALLS FOR INSTALLATION OF NEW WALL FINISHES PER MANUFACTURER'S RECOMMENDATIONS. WHERE A NEW WALL ABUTS AN EXISTING WALL FLUSH, FINISH FOR CONCEALED AND CONTINUOUS FLUSH APPEARANCE. FILL ALL VOIDS, CRACKS, PEELS, SPALLS FLAKES, ETC. WITH PLASTER AS NECESSARY.
3. NEW TOILET ROOM PARTITIONS. SEE A6.0.
4. PATCH, REPAIR, AND PAINT EXISTING PLASTER TO REMAIN.

PHASING NOTES

1. DRAWINGS SHOW GENERAL INTENT OF DESIGN. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH PHASING. PHASING SHALL TAKE IN TO ACCOUNT ALL ASPECTS OF THE JOB INCLUDING HVAC, ELECTRICAL, ETC. PORTIONS OF BUILDING SHALL BE OCCUPIED AT ALL TIMES THROUGHOUT CONSTRUCTION. COORDINATE PHASING AND SHUTDOWNS WITH OWNER. OWNER SHALL BE PROVIDED WITH TWO WEEKS NOTICE PRIOR TO SHUTDOWNS. NO OCCUPIED FLOOR SHALL BE WITHOUT HVAC OR ELECTRICAL SERVICE DURING CONSTRUCTION OR DEMOLITION WORK.
2. CONTRACTOR SHALL PROVIDE A FIRE WATCH DURING ENTIRE CONSTRUCTION AT ALL TIMES. IF FIRE ALARM ISN'T ACTIVE, FIRE WATCH SHALL BE DEDICATED FULL TIME TRAINED PERSONNEL MONITORING THE BUILDING DURING ENTIRE TIME FIRE ALARM ISN'T ACTIVE.
3. ONE BUILDING ELEVATOR NEEDS TO BE MAINTAINED AT ALL TIMES FOR OCCUPANTS. A SAFE ROUTE SHALL BE PROVIDED ON THE FIRST FLOOR TO THE ELEVATOR FROM THE PARKING LOT FOR ADA ACCESS TO UPPER FLOORS NOT UNDER CONSTRUCTION. PROVIDE TEMPORARY PROTECTION OF THE INGRESS/EGRESS PATH WHILE WORK IS OCCURRING IN THE BUILDING. THIS ELEVATOR SHALL BE PROTECTED DURING CONSTRUCTION AND ALL DAMAGE WILL BE REPAIRED AT CONCLUSION OF PROJECT.
4. CONTRACTOR SHALL PROVIDE A DETAILED COORDINATION PLAN AND SUBMIT IT TO THE ARCHITECT/OWNER FOR APPROVAL. COORDINATION PLAN SHALL INCLUDE OWNER'S APPROVED SCHEDULE FOR CONSTRUCTION.
5. PHASE ONE INCLUDES ALL WORK ON FIRST FLOOR. PHASE TWO INCLUDES ALL WORK ON SECOND FLOOR.
6. PHASE TWO WORK CANNOT COMMENCE UNTIL 6/9 IS ACHIEVED FOR FIRST FLOOR WORK.
7. DEMOLITION OF SYSTEM COMPONENTS SHALL BE COORDINATED WITH PHASES AND OVER ALL COORDINATION PLAN. DEMOLITION OF COMPONENTS WILL BE COORDINATED WITH PHASING AS NECESSARY.
8. ALL PERMITS, CONTRACTS AND NECESSARY COMMENTS REQUIRED FOR THE PROPER OPERATION OF EQUIPMENT SHALL BE PROVIDED AND COORDINATED WITH THE PHASING.
9. EACH INDIVIDUAL PHASE WILL INCLUDE A SUBSTANTIAL COMPLETION, PUNCHLIST, AND CERTIFICATE OF OCCUPANCY.

ALL RIGHTS RESERVED. THIS DRAWING AND THE DESIGN SHOWN THEREON ARE COPYRIGHTED AS PROVIDED BY THE LAWS OF THE UNITED STATES AND ARE THE PROPERTY OF GMK ASSOCIATES ARCHITECTURAL DIVISION. ANYONE DUPLICATING, REPRODUCING OR CAUSING TO BE REPRODUCED THE WHOLE OR PART OF THESE DRAWINGS OR THE DESIGN THEREON WITHOUT THE PERMISSION OF THE ARCHITECT WILL BE SUBJECT TO LEGAL ACTION.



USC CAMPUS PLANNING AND CONSTRUCTION  
743 GREENE STREET  
COLUMBIA, SC 29208



GENERAL CONSTRUCTION INDEFINITE DELIVERY CONTRACT (MCKISSICK MUSEUM BATHROOM RENOVATIONS)

GMK PROJECT # 16013.01  
STATE PROJECT #H27-D259-CB

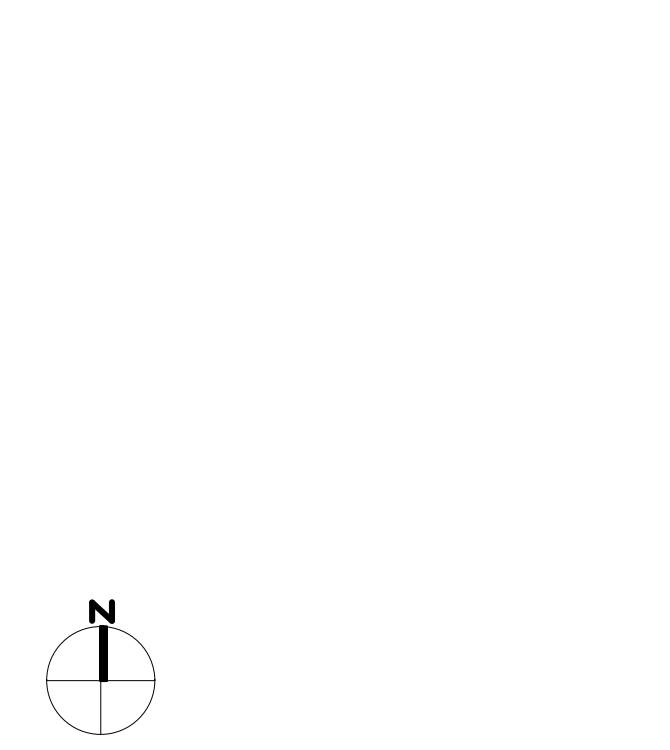


CONSTRUCTION DOCUMENTS

07/25/16

number	item	date
A	Addendum Number 1	9/16/16

key plan



FLOOR PLANS

sheet title

A2.0

drawn by: MAP  
checked by: TMW

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743 GREENE STREET  
COLUMBIA, SC 29208



project name  
**GENERAL CONSTRUCTION  
INDEFINITE DELIVERY CONTRACT  
(MCKISSICK MUSEUM BATHROOM  
RENOVATIONS)**

project number  
**GMK PROJECT # 16013.01  
STATE PROJECT #H27-D259-CB**

series/signature



09/16/2016

issued for  
**CONSTRUCTION DOCUMENTS**

date  
**07/25/16**

number	item	date
1	Addendum Number 1	9/16/16

key plan

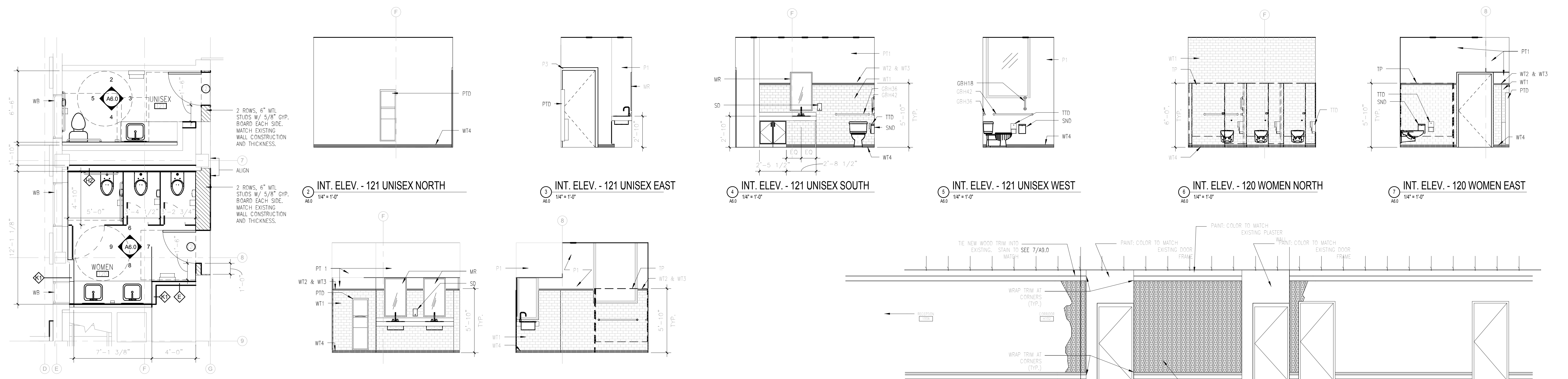


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**ENLARGED PLANS & INTERIOR  
ELEVATIONS**

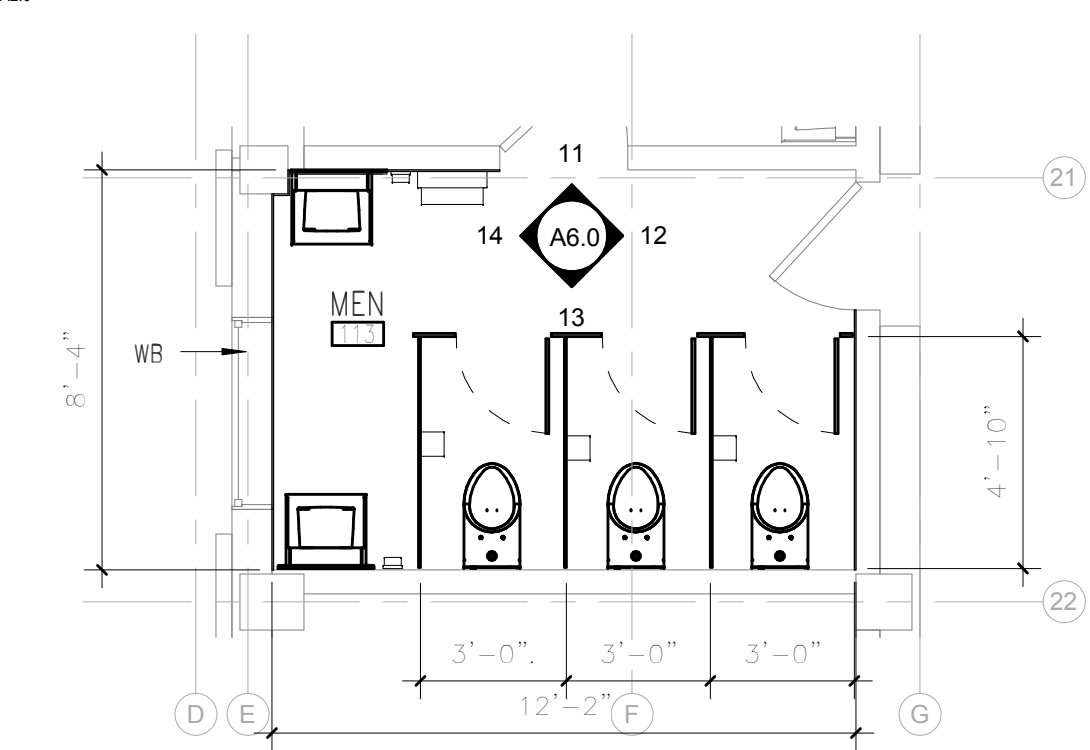
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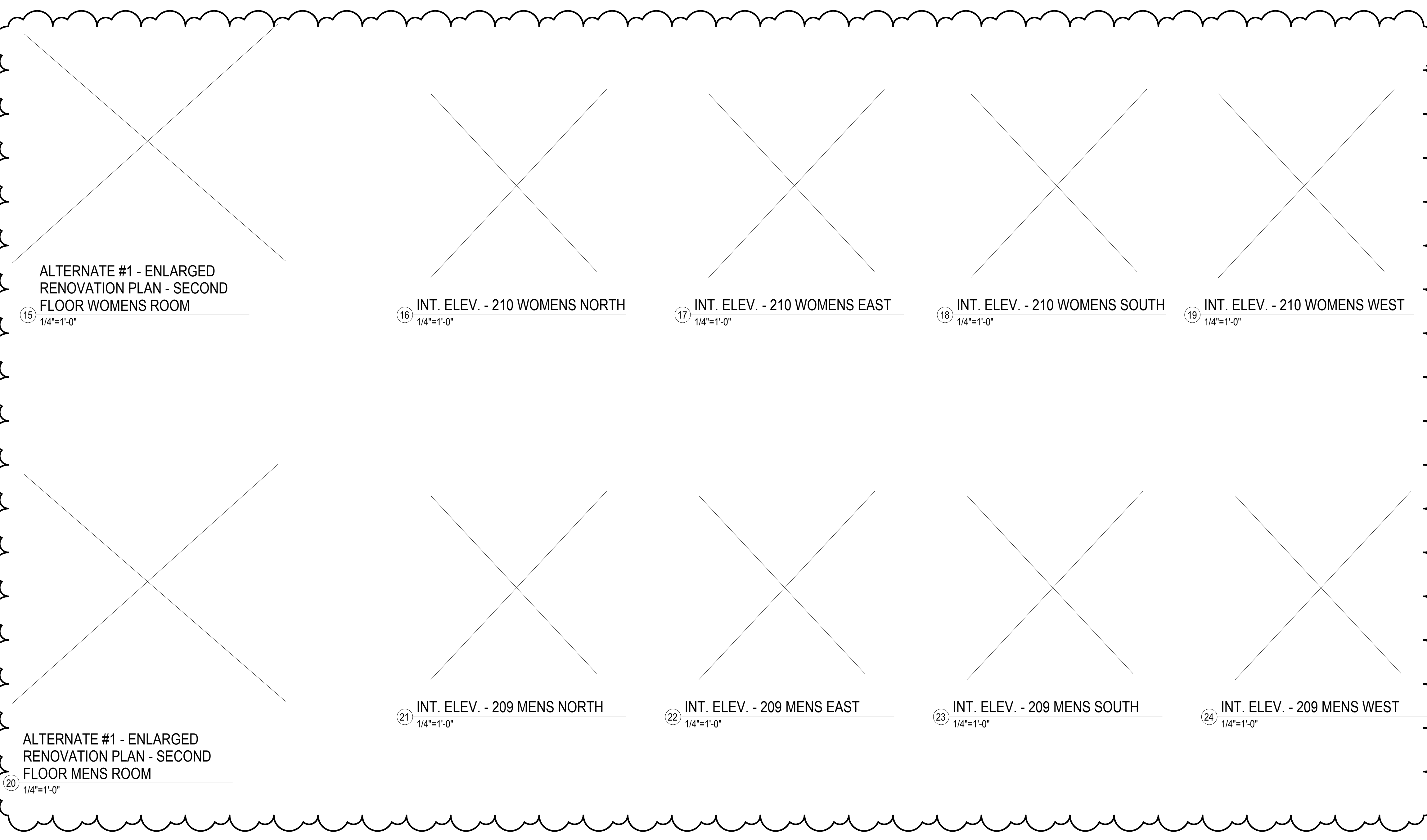
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checked by: TMW



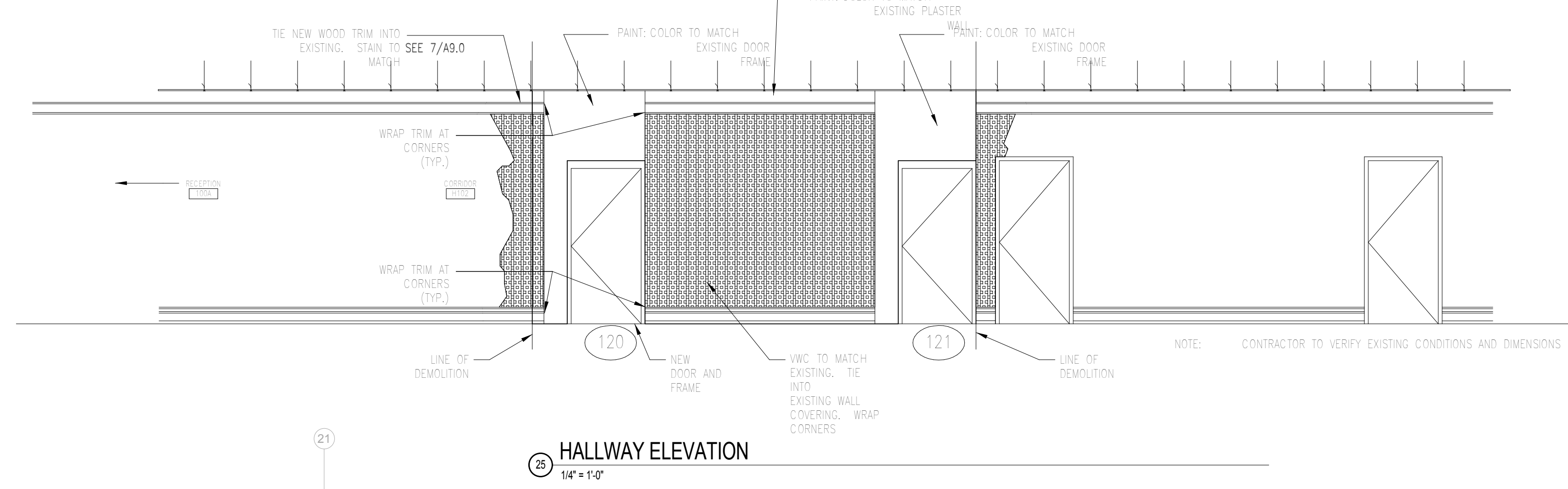
**ENLARGED RENOVATION PLAN - UNISEX & WOMEN**  
1/4"=1'-0"



**ENLARGED RENOVATION PLAN - MENS ROOM**  
1/4"=1'-0"



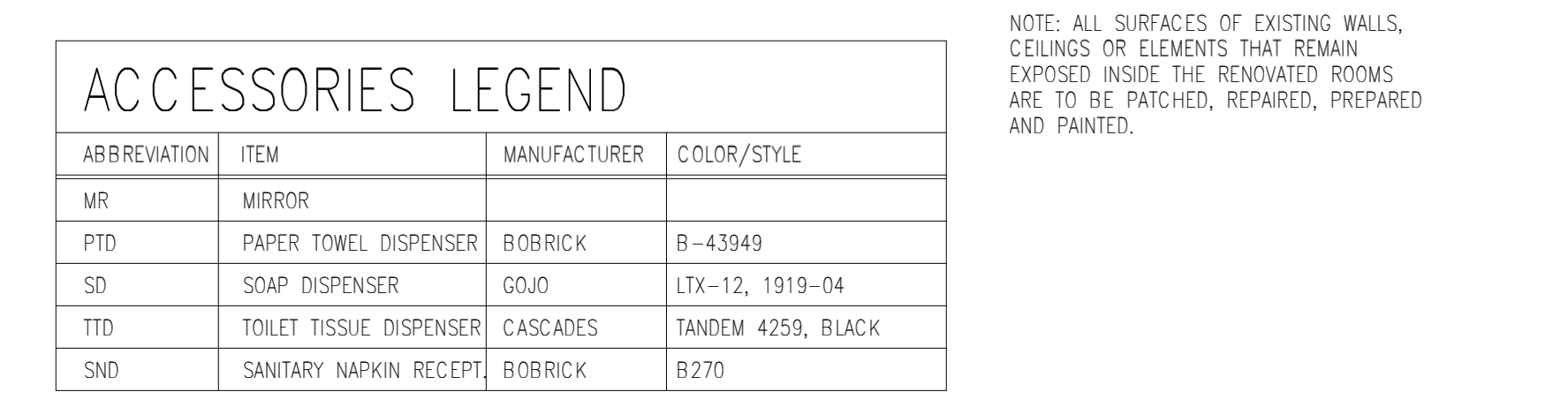
**ALTERNATE #1 - ENLARGED RENOVATION PLAN - SECOND FLOOR MENS ROOM**  
1/4"=1'-0"



ROOM NUMBER	ROOM NAME	FLOOR		WALLS		CEILING		REMARKS
		FINISH	ACCENT	FINISH	ACCENT	FINISH	ACCENT	
1120	MEN	T1	T2	WT4	P1	WT1/WT2 & WT3	GYP. BD.	
120	WOMEN	T1	T2	WT4	P1	WT1/WT2 & WT3	GYP. BD.	
121	UNISEX	T1	T2	WT4	P1	WT1/WT2 & WT3	GYP. BD.	

ABBREVIATION	MATERIAL	MANUFACTURER	COLOR/STYLE	SIZE	NOTES
WT 1	WALL TILE	ADEX	NERI, WHITE FLAT	3" x 6"	
WT 2	WALL TILE TRIM	ADEX	NERI, BLACK STRIPE LINER	.7" x 6"	INSTALL TILE 2 ABOVE TILE 3
WT 3	WALL TILE TRIM	ADEX	NERI, BLACK FLAT	1" x 6"	
WT 4	WALL TILE BASE	ADEX	NERI, BLACK FLAT	3" x 6"	
VNC	VINYL WALL COVER	MAHARANI	CORBLE 39554-LYNX-TYPE 2	32 OZ	MATCH EXISTING (SEE 25/A6.0 FOR LOCATIONS)
T1	FLOOR TILE	GARDEN STATE TILE	RETRO MOSAICS, WHITE HEXAGON	1" x 1"	
T2	FLOOR TILE	DALTILE	G771 ABSOLUTE BLACK	6" x 12"	
Q	QUARTZ	CAMBRIA	WHILSHIRE RED	SLAB	
TP	TOILET PARTITIONS	SEE SPECS	SEE SPECIFICATIONS	N/A	
P1	FIELD PAINT	SHERWIN WILLIAMS	SW7668 MARCH WIND		
P3	DOOR TRIM PAINT	SEE SPECS	SEE SPECIFICATIONS	N/A	
WB	WINDOW BLIND	SEE SPECS	SEE SPECIFICATIONS		

ABBREVIATION	ITEM	MANUFACTURER	COLOR/STYLE
MR	MIRROR		
PTD	PAPER TOWEL DISPENSER	BOBRICK	B-43949
SD	SOAP DISPENSER	GOJO	LTX-12, 1919-04
TTD	TOILET TISSUE DISPENSER	CASCADES	TANDEM 4259, BLACK
SND	SANITARY NAPKIN RECEPT	BOBRICK	B270



NOTE: ALL SURFACES OF EXISTING WALLS, CEILINGS OR ELEMENTS THAT REMAIN EXPOSED INSIDE THE RENOVATED ROOMS ARE TO BE PATCHED, REPAIRED, PREPARED AND PAINTED.

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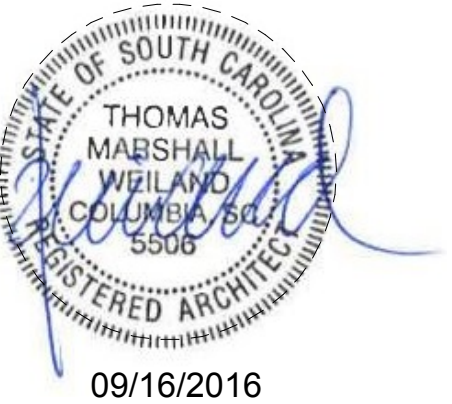
owner  
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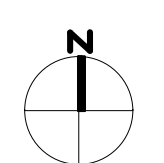


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A	Addendum Number 1	9/16/16

key plan

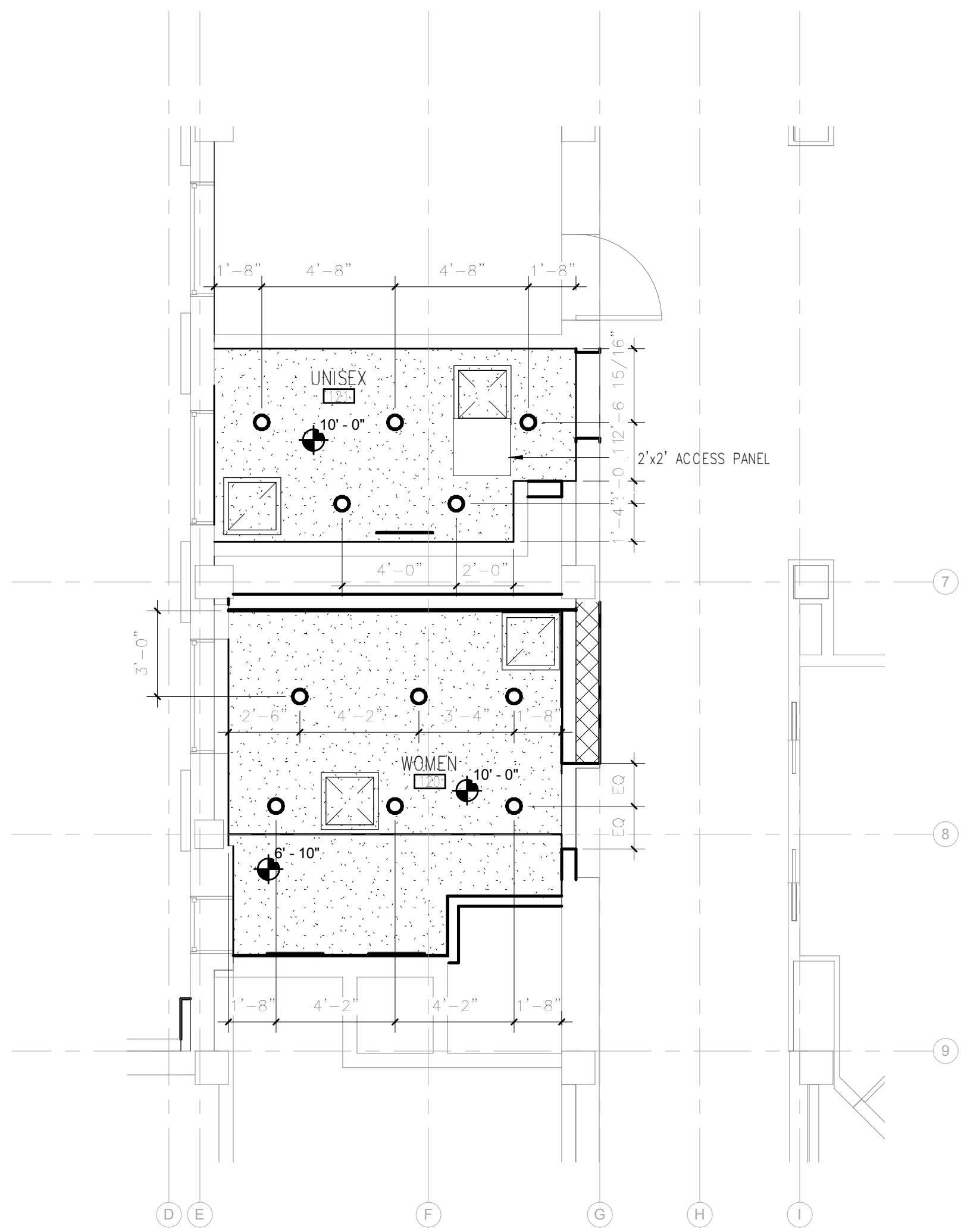


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**REFLECTED CEILING PLAN**

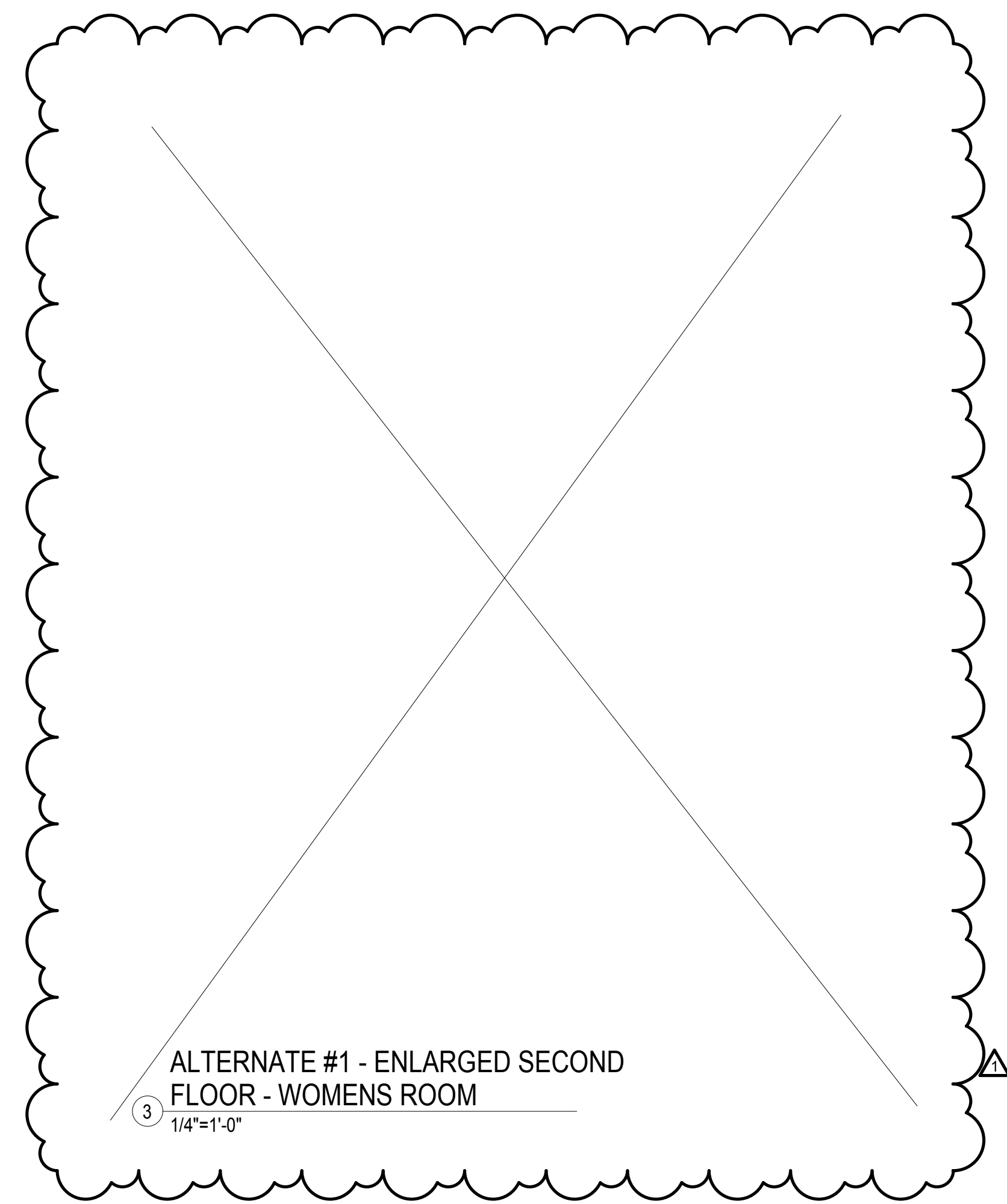
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**A7.0**

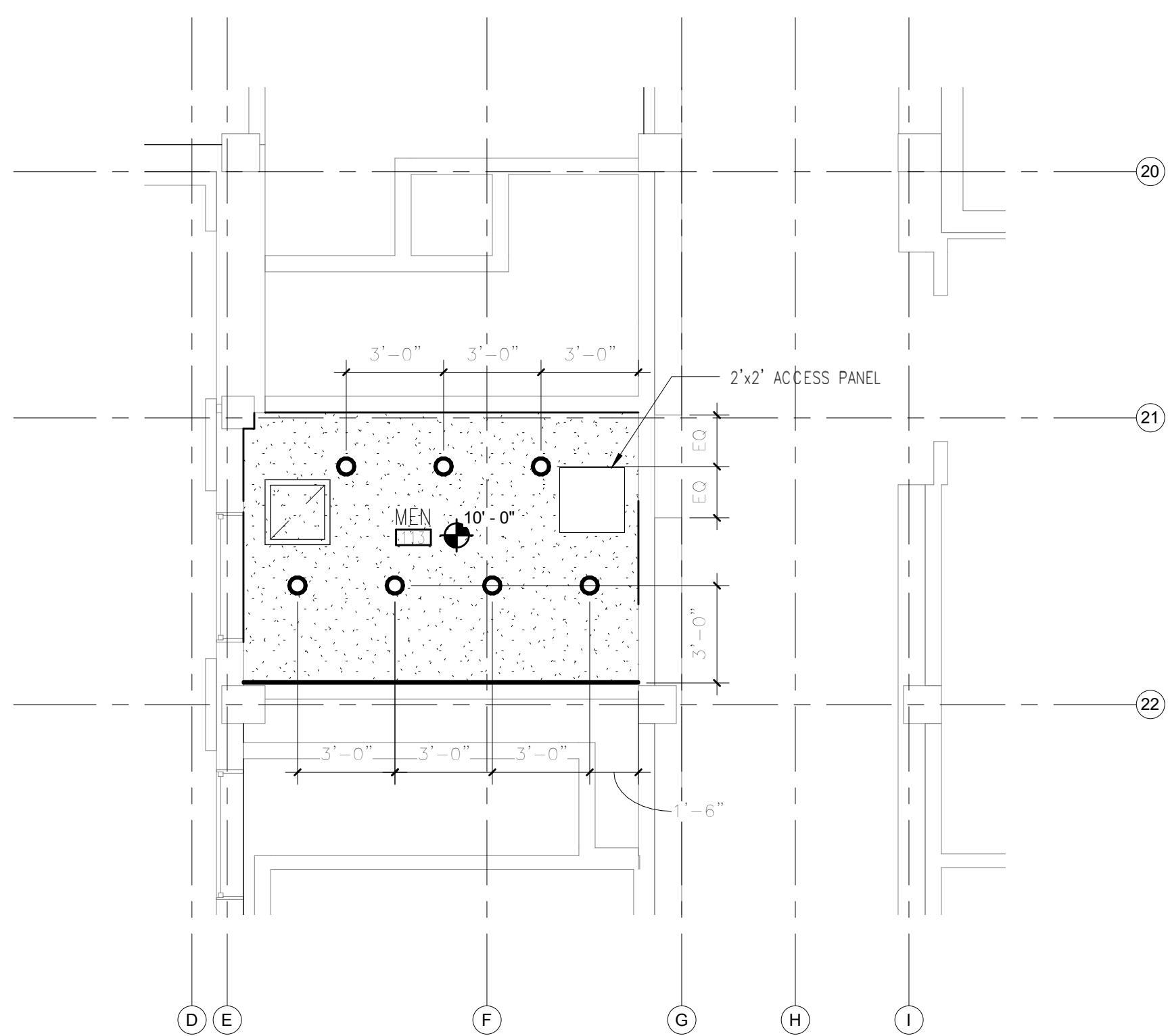
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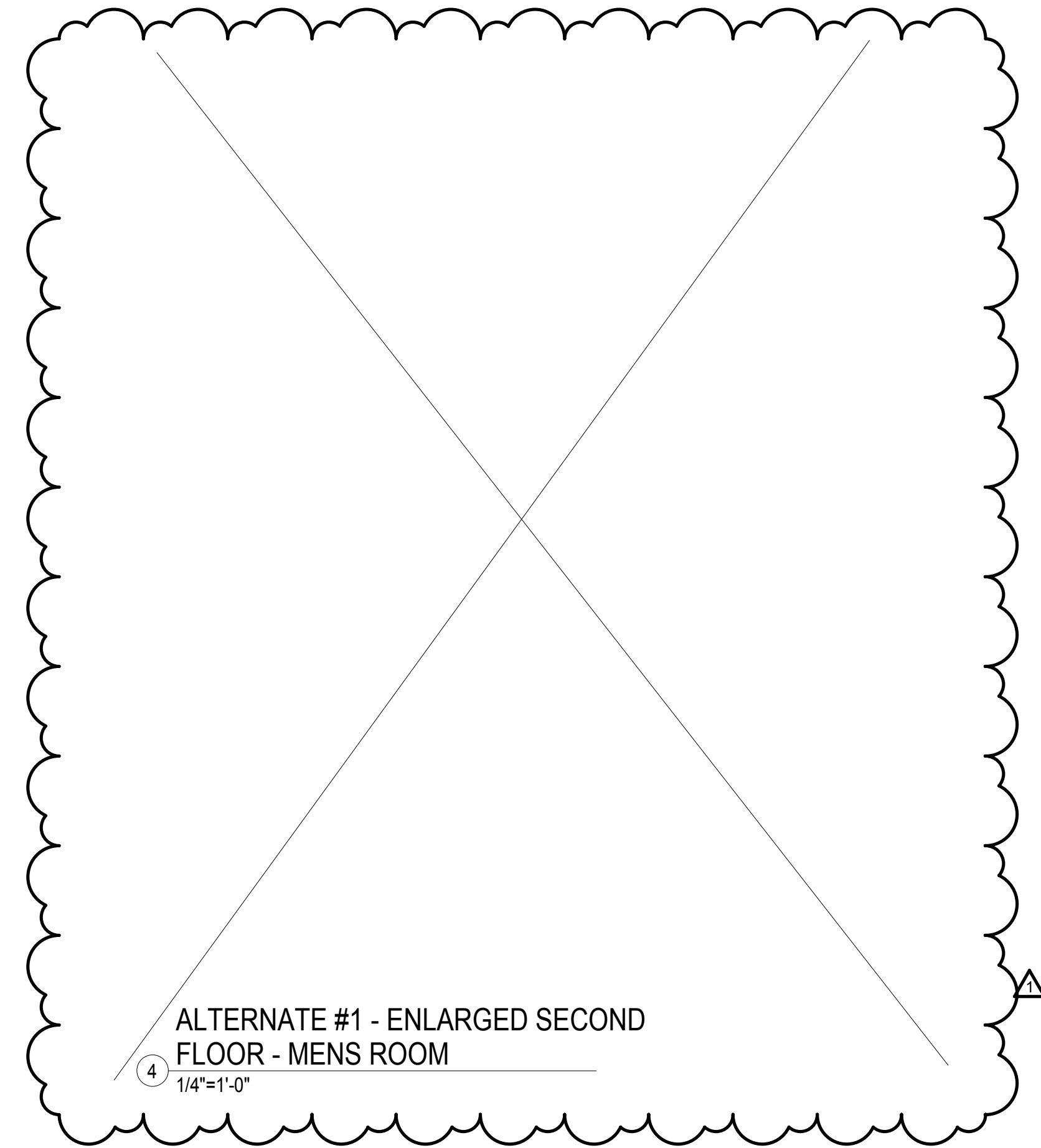
1 ENLARGED FIRST FLOOR - NORTH  
1/4"=1'-0"



3 ALTERNATE #1 - ENLARGED SECOND  
FLOOR - WOMENS ROOM  
1/4"=1'-0"



2 ENLARGED FIRST FLOOR - SOUTH  
1/4"=1'-0"



4 ALTERNATE #1 - ENLARGED SECOND  
FLOOR - MENS ROOM  
1/4"=1'-0"









