



**Capstone Interior Painting Maintenance Project
Columbia, South Carolina
University of South Carolina
University Project Number H27-Z373**

April 12, 2018

ADDENDUM No. 1

This addendum forms a part of the Contract documents and modifies the original Bidding Documents and any previous Addenda as noted below. Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may subject Bidder to disqualification.

MODIFICATIONS TO PREVIOUS ADDENDA:

None

MODIFICATIONS TO DRAWINGS:

1. Reference Sheet T1.1, dated 3-22-2018: DELETE Sheet T1.1, dated 3-22-2018 in its entirety. ADD Sheet T1.1, dated 3-22-2018, revised 4-10-18, see attached.
2. Reference Sheet ID2.1, dated 3-22-2018: DELETE Sheet ID2.1, dated 3-22-2018 in its entirety. ADD Sheet ID2.1, dated 3-22-2018, revised 4-10-18, see attached.
3. Reference Sheet ID2.2, dated 3-22-2018: DELETE Sheet ID2.2, dated 3-22-2018 in its entirety. ADD Sheet ID2.2, dated 3-22-2018, revised 4-10-18, see attached.
4. Reference Sheet ID2.3, dated 3-22-2018: DELETE Sheet ID2.3, dated 3-22-2018 in its entirety. ADD Sheet ID2.3, dated 3-22-2018, revised 4-10-18, see attached.
5. Reference Sheet ID2.4, dated 3-22-2018: DELETE Sheet ID2.4, dated 3-22-2018 in its entirety. ADD Sheet ID2.4, dated 3-22-2018, revised 4-10-18, see attached.

MODIFICATIONS TO SPECIFICATIONS

1. Reference INTERIOR PAINTING SPECIFICATIONS FOR CAPSTONE RESIDENCE HALL Section 0.1.F.2.a: DELETE "i. April 10, 2018: Bid Opening" and REPLACE with "i. April 17, 2018: Bid Opening"
2. Reference INTERIOR PAINTING SPECIFICATIONS FOR CAPSTONE RESIDENCE HALL, section 0.1.D: DELETE "Architect" and ADD in its place "Architecture Firm".
3. Reference TABLE OF CONTENTS: After "INTERIOR PAINTING SPECIFICATIONS- CAPSTONE RESIDENCE HALL UNIVERSITY OF SOUTH CAROLINA, 29" ADD "099123 INTERIOR PAINTING, 10".
4. ADD See Section 099123 INTERIOR PAINTING, pages 1-10, inclusive, attached.
5. Reference FLOORING REPLACEMENT SPECIFICATIONS FOR COLUMBIA HALL RESIDENCE HALL, section 2.03 INTERIOR PAINT SCHEDULE: DELETE section in its entirety and ADD in its place "2.03 INTERIOR PAINT SCHEDULE
A. Reference 099123 Interior Painting Specification"

QUESTIONS:

1. None of the ceilings get painted?
 - a. Refer to INTERIOR PAINTING SPECIFICATIONS FOR CAPSTONE RESIDENCE HALL, Section 1.04.A.10, Sheet ID2.2, dated 3-22-2018, revised 4-10-18, and Sheet ID2.3, dated 3-22-2018, revised 4-10-18.
2. The large A/C vents in the ceilings get painted?
 - a. Refer INTERIOR PAINTING SPECIFICATIONS FOR CAPSTONE RESIDENCE HALL, Section 1.04.A.8.
3. The gaps in the doors where the veneers have been pulled out, does that need to be filled in?
 - a. Refer to Section 099123 Interior Painting, see MODIFICATIONS TO SPECIFICATIONS, items 3 and 4, above.
4. The stairwells do or do not get painted?
 - a. Refer to INTERIOR PAINTING SPECIFICATIONS FOR CAPSTONE RESIDENCE HALL, Section 1.04.A.8, Sheet ID2.0, dated 3-22-2018, Sheet ID2.1, dated 3-22-2018, revised 4-10-18, and Sheet ID2.3, dated 3-22-2018, revised 4-10-18.
5. In the introduction page 3 of 29 states the bid opening is April 10th but the Invitation SE310 states April 17th could you please confirm the correct bid date?
 - a. The bid closing is 4/17 at 2 PM as advertised in SCBO. Reference MODIFICATIONS TO SEPCIFICATIONS, Item 1, above.
6. Per section 11.3.2 Boiler and Machinery Insurance is this required on this project?
 - a. No, does not pertain to this project.
7. Is a building permit required?
 - a. USC will provide the building permit; the contractor will only need to provide a business license.

SUSTITUTION REQUESTS:

1. Refer to Section 099123 Interior Painting, see MODIFICATIONS TO SPECIFICATIONS, items 3 and 4, above.

OTHER:

1. Pre-Bid Sign-in Sheet, attached.

END OF ADDEDNDUM NO. 1

CAPSTONE INTERIOR PAINTING MAINTENANCE PROJECT

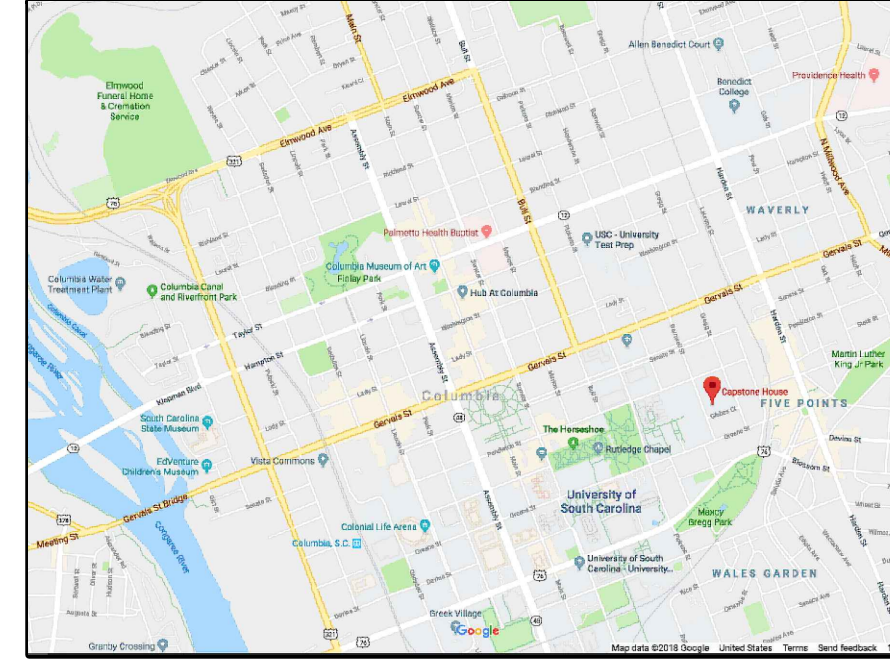
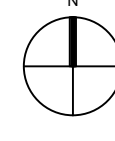
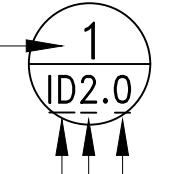

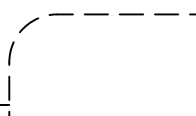

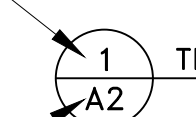

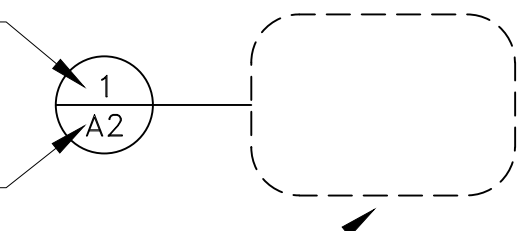




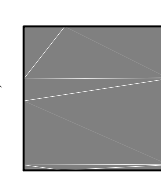
902 BARNWELL STREET
COLUMBIA, SOUTH CAROLINA

PROJECT NO. H27-Z373

USC HOUSING PROJECT: CAPSTONE PAINTING PROJECT 2018

**100% BID DOCUMENTS
MARCH 22, 2018**

CONSTRUCTION &
RENOVATIONS
FOR UNIVERSITY HOUSING
1520 DEVINE STREET
COLUMBIA, SC 29208

LOCATION MAP	SYMBOL LEGEND	ABBREVIATIONS	FINISH SCHEDULE	
			CODE	SPECIFICATION
 <p>DOWNTOWN COLUMBIA, SC</p> <p>PROJECT SUMMARY OF WORK</p> <p>The Contractor must furnish all labor, materials and equipment required to perform the following: Protect, prepare and Paint Interior of basement through 17th floor in the following residence hall:</p> <p>Capstone Residence Hall - This building consist of 18 Stories, including 16 residential floors, lobby and basement levels. There are 309 student suite-style resident rooms, and a small variety of common lounges.</p> <p>See written spec section 1.04, 2. for protecting and moving furniture.</p> <p>See written spec section 1.04, 3. for removal of existing signage, bulletin boards, white boards and shelving.</p> <p>See written spec section 1.04, 4. for removal of student window blinds.</p> <p>See written spec 1.04, 5. for removal of existing data wall/switch plates prior to prime/paint.</p> <p>See written spec 1.04, 7. for identifying and quoting missing and or damaged caulk where bathroom tub/tile meets the painted surface.</p> <p>Contractor to replace existing stenciled signage and wayfinding in stairwells ST03 and ST04 using safety red paint.</p>	<p>NORTH INDICATOR SYMBOL</p>  <p>PLAN SHEET ORIENTATION</p> <p>DETAILING SYMBOL</p>  <p>DETAIL REFERENCE NUMBER</p>  <p>DISCIPLINE IDENTIFICATION</p>  <p>PLAN IDENTIFICATION</p>  <p>BUILDING FLOOR NUMBER</p> <p>PLAN REFERENCE</p>  <p>DETAIL NUMBER</p>  <p>SHEET REFERENCE</p> <p>PLAN DETAIL REFERENCE</p>  <p>DETAIL NUMBER</p> <p>WHERE DETAIL IS SHOWN</p> <p>DASHES SURROUND DETAIL AREA</p> <p>ROOM TAG SYMBOL</p>  <p>ROOM NAME</p>  <p>ROOM NUMBER</p>  <p>ROOM AREA</p> <p>REVISION SYMBOL</p>  <p>CLOUD AROUND REVISION</p> <p>NOT-IN-SCOPE</p>  <p>SHADED LOCATIONS NOT-IN-SCOPE OF PROJECT</p>	<p>FINISH LEGEND</p> <p>FLOOR FINISH ——— EXIST</p> <p>BASE FINISH ——— EXIST</p> <p>WALL FINISH ——— P-7</p> <p>CEILING FINISH ——— P-12,13</p>	P-1	MFR: SHERWIN WILLIAMS COLOR: SW 7044 - AMAZING GRAY FINISH: EG-SHEL
			P-2	MFR: SHERWIN WILLIAMS COLOR: SW 7043 - WORLDLY GRAY FINISH: SEMI-GLOSS
			P-3	MFR: SHERWIN WILLIAMS COLOR: SW 6307 - FINE WINE FINISH: EG-SHEL
			P-4	MFR: SHERWIN WILLIAMS COLOR: SW 6531 - INDIGO FINISH: SEMI-GLOSS
			P-5	MFR: SHERWIN WILLIAMS COLOR: SW 6473 - SURF GREEN FINISH: SEMI-GLOSS
			P-6	MFR: SHERWIN WILLIAMS COLOR: SW 6474 - RAGING SEA FINISH: SEMI-GLOSS
			P-7	MFR: SHERWIN WILLIAMS COLOR: SW 6105 - DEVINE WHITE FINISH: EG-SHEL
			P-8	MFR: SHERWIN WILLIAMS COLOR: SW 7043 - WORLDLY GRAY FINISH: SEMI-GLOSS
			P-9	MFR: SHERWIN WILLIAMS COLOR: SW 7675 - SEALSKIN FINISH: SEMI-GLOSS
			P-10	MFR: SHERWIN WILLIAMS COLOR: SW 7675 - SEALSKIN FINISH: SEMI-GLOSS
			P-11	MFR: SHERWIN WILLIAMS COLOR: SW 7002 - DOWNY FINISH: EG-SHEL
			P-12	MFR: SHERWIN WILLIAMS COLOR: SW 7019 - GAUNTLET GRAY FINISH: SEMI-GLOSS
GENERAL NOTES				
<p>1. REFER TO CAPSTONE PAINT SPECIFICATIONS FOR PROJECT DETAILS AND ALL PAINT SYSTEMS TO BE USED.</p> <p>2. REFER TO CAPSTONE FINISH PLANS FOR PAINT COLOR LOCATIONS.</p> <p>3. PROTECT ALL EXISTING RUBBER BASE, PORCELAIN TILE BASE, STAIR LANDINGS AND STAIR TREADS.</p>				
INDEX OF DRAWINGS				
DWG #		DRAWING TITLE		
T1.1		TITLE SHEET		
ID2.0		BASEMENT FINISH PLAN		
ID2.1		1ST FLOOR FINISH PLAN		
ID2.2		2ND FLOOR FINISH PLAN		
ID2.3		TYPICAL RESIDENTIAL FLOOR FINISH PLAN (3RD - 16TH)		
ID2.4		17TH FLOOR FINISH PLAN		

CAPSTONE HOUSE
BUILDING #: 039



NO.	DATE	DESCRIPTION	ADDENDUM #1
1	4-10-18		

DATE: 3-22-2018

T1.1

TITLE SHEET

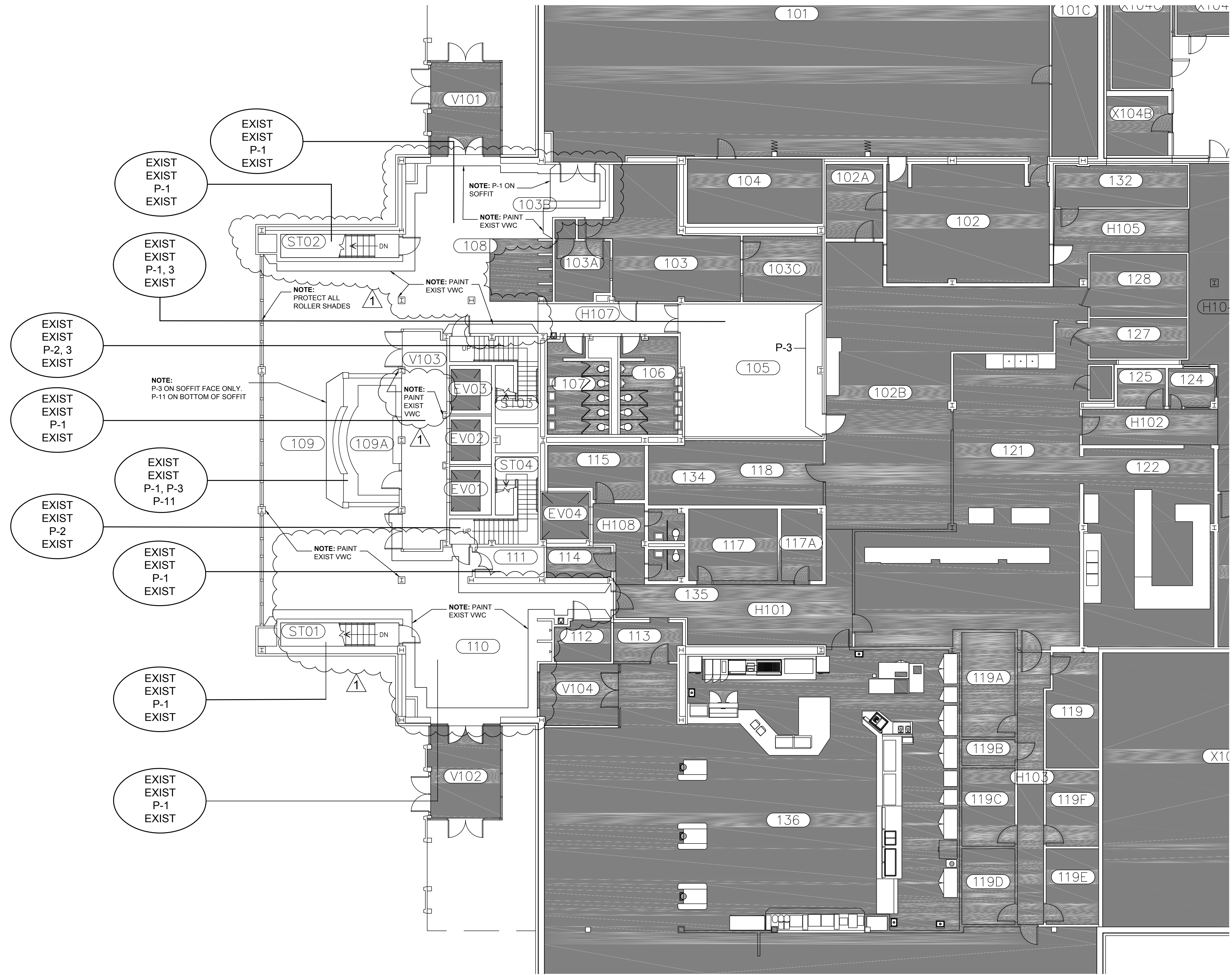
***NOTE: CONTRACTOR TO FIELD
VERIFY ALL MEASUREMENTS.

REVISIONS

NO.	DATE	DESCRIPTION	ADDENDUM #
1	4-10-18		

DATE: 3-22-2018

ID2.1
1ST FLOOR
FINISH PLAN

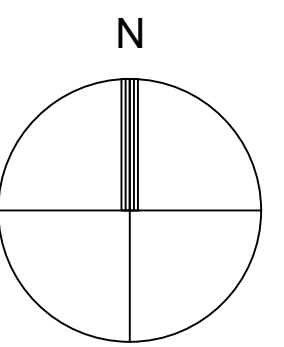


1 FIRST FLOOR - FINISH PLAN
ID2.1

SCALE: 1/8" = 1'-0"

NOTE: FINISH PLANS CONTAIN INFORMATION FOR ENTIRE BUILDING FOR UNIVERSITY RECORDS.
THE SCOPE OF THIS PROJECT IS FOR COMPREHENSIVE PAINTING ONLY.

***NOTE: CONTRACTOR TO FIELD
VERIFY ALL MEASUREMENTS.

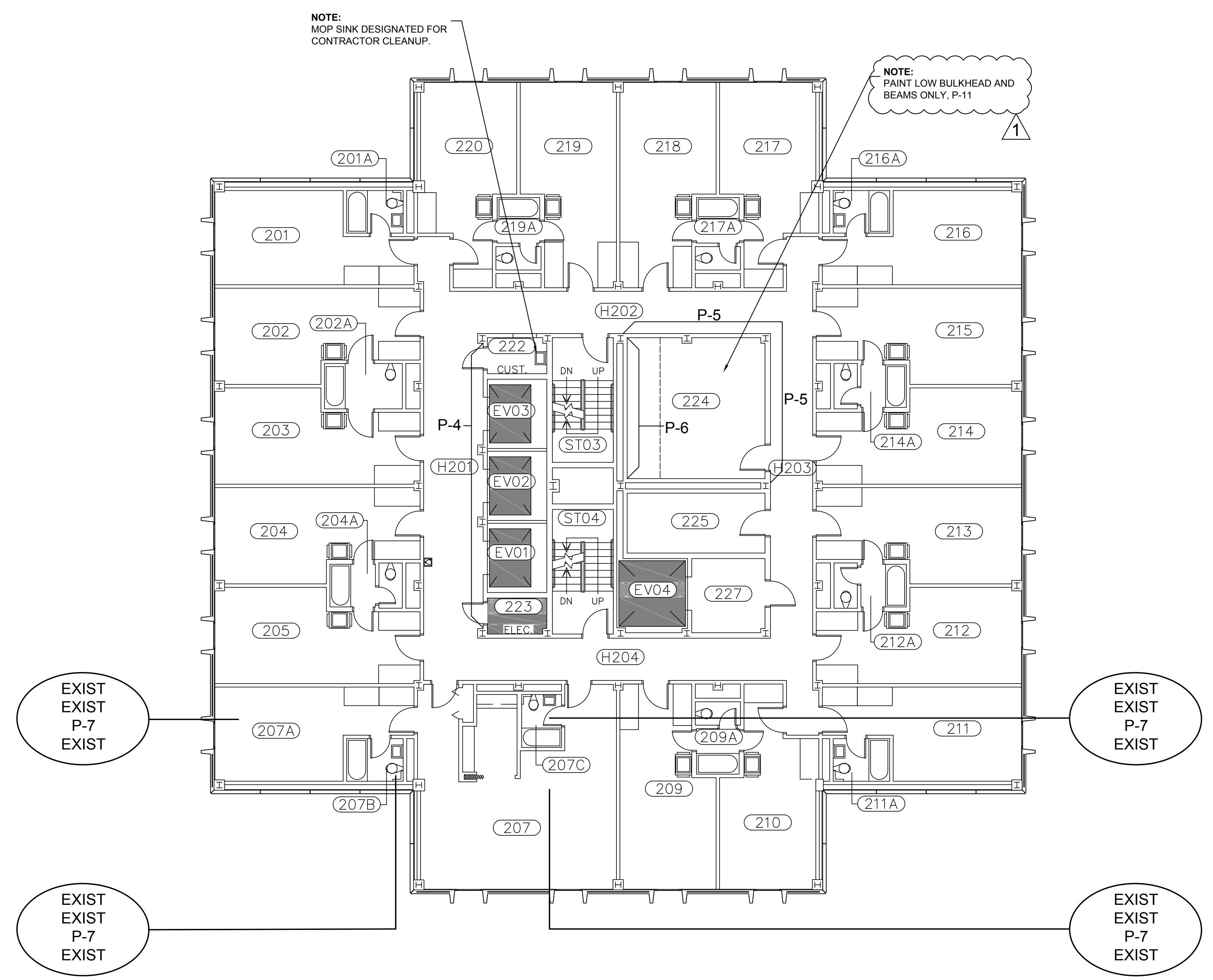




REVISIONS		DESCRIPTION
NO.	DATE	ADDENDUM #
1	4-10-18	

DATE: 3-22-2018

ID2.2
2ND FLOOR
FINISH PLAN



1 SECOND FLOOR - FINISH PLAN
ID2.2

SCALE: 1/8" = 1'-0"

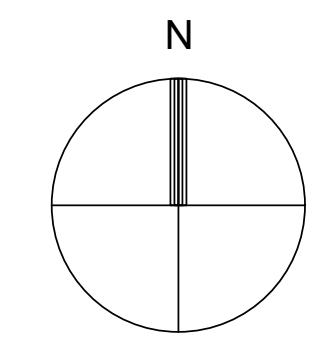
NOTE: FINISH PLANS CONTAIN INFORMATION FOR ENTIRE BUILDING FOR UNIVERSITY RECORDS. THE SCOPE OF THIS PROJECT IS FOR COMPREHENSIVE PAINTING ONLY.

NOTE: ALL FINISH DESIGNATIONS INDICATED ON THIS SHEET ARE TYPICAL FINISHES FLOORS 2-16.

NOTE: REMOVE WINDOW BLINDS FROM METAL WINDOW FRAMES ONLY. DO NOT REMOVE ANY BLINDS FROM SOFFIT OR WALLS.

NOTE: PAINT LOW TEXTURE BULKHEADS IN ALL STUDENT ROOMS.

***NOTE: CONTRACTOR TO FIELD
VERIFY ALL MEASUREMENTS.

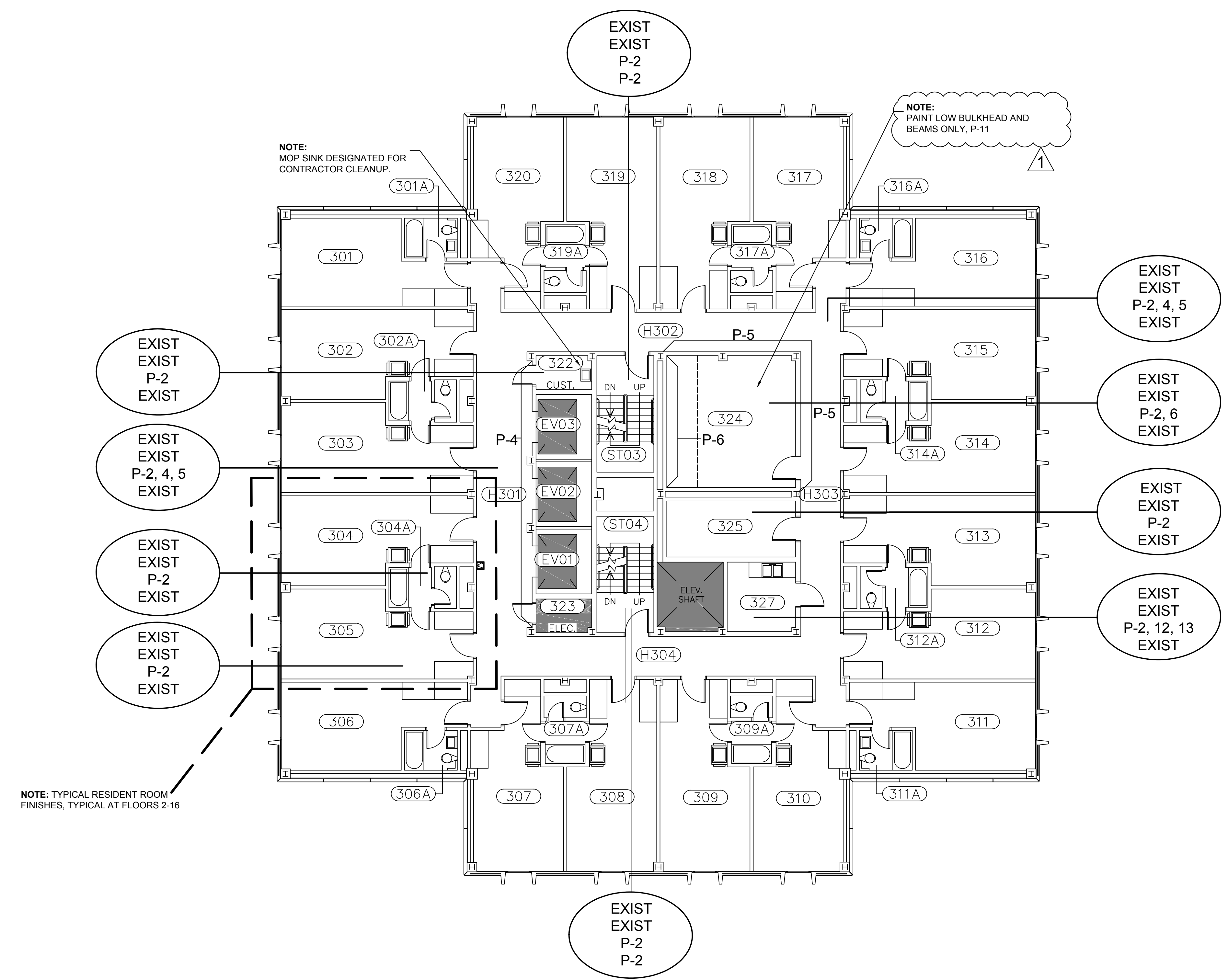




REVISIONS	
NO.	DESCRIPTION
1	4-10-18

DATE: 3-22-2018

ID2.3
TYP. RESIDENTIAL
FLOOR FINISH
PLAN FLOORS 3-16



1 TYPICAL RESIDENTIAL FLOOR FINISH PLAN (FLOORS 3 - 16)
ID2.3

SCALE: 1/8" = 1'-0"

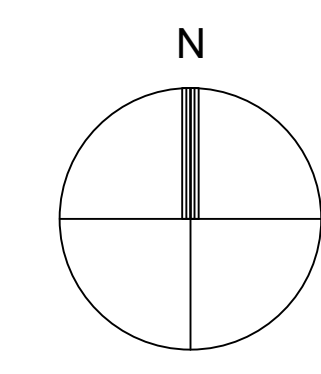
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NOTE: REMOVE WINDOW BLINDS FROM METAL WINDOW FRAMES ONLY. DO NOT REMOVE ANY BLINDS FROM SOFFIT OR WALLS.

NOTE: PAINT LOW TEXTURE BULKHEADS IN ALL STUDENT ROOMS.

***NOTE: CONTRACTOR TO FIELD
VERIFY ALL MEASUREMENTS.

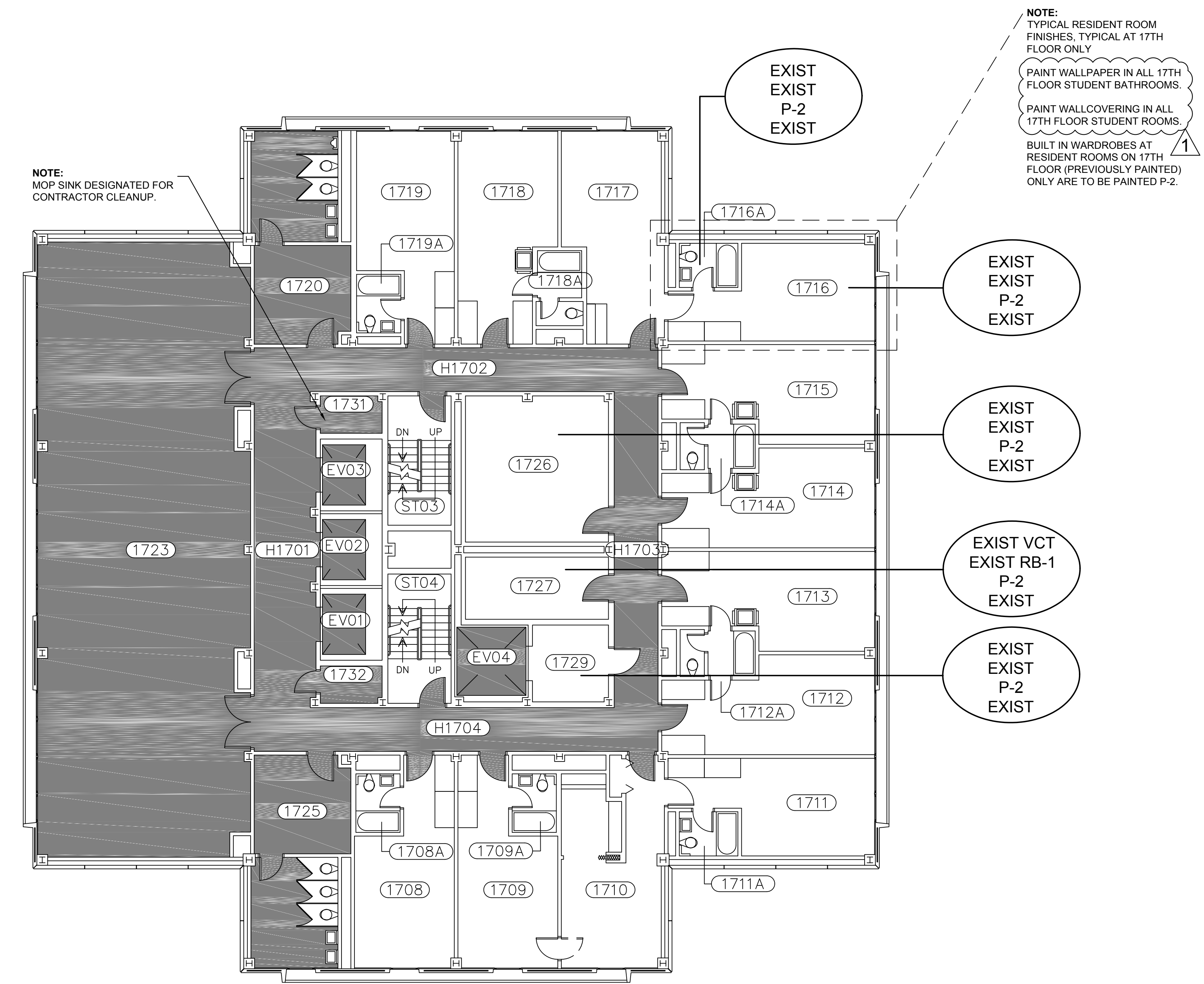




REVISIONS	
NO.	DESCRIPTION

DATE: 3-22-2018

ID2.4
17TH FLOOR
FINISH PLAN



1 SEVENTEENTH FLOOR - FINISH PLAN
ID2.4

SCALE: 1/8" = 1'-0"

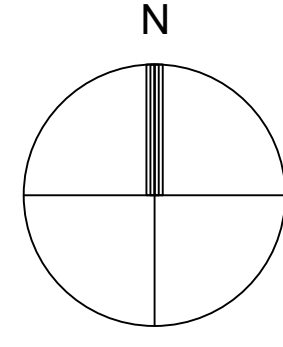
NOTE: FINISH PLANS CONTAIN INFORMATION FOR ENTIRE BUILDING FOR UNIVERSITY RECORDS. THE SCOPE OF THIS PROJECT IS FOR COMPREHENSIVE PAINTING ONLY.

NOTE: REMOVE WINDOW BLINDS FROM METAL WINDOW FRAMES ONLY. DO NOT REMOVE ANY BLINDS FROM SOFFIT OR WALLS.

NOTE: PAINT LOW TEXTURE BULKHEADS IN ALL STUDENT ROOMS.

NOTE:
TYPICAL RESIDENT ROOM FINISHES, TYPICAL AT 17TH FLOOR ONLY.
PAINT WALLPAPER IN ALL 17TH FLOOR STUDENT BATHROOMS.
PAINT WALLCOVERING IN ALL 17TH FLOOR STUDENT ROOMS.
BUILT IN WARDROBES AT RESIDENT ROOMS ON 17TH FLOOR (PREVIOUSLY PAINTED) ONLY ARE TO BE PAINTED P-2.

***NOTE: CONTRACTOR TO FIELD VERIFY ALL MEASUREMENTS.



Columbia, South Carolina 29208
Project Number H27-Z373

SECTION 099123 - INTERIOR PAINTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes surface preparation and the application of paint systems on the following interior substrates:
 - 1. Concrete.
 - 2. Concrete masonry units (CMUs).
 - 3. Steel and iron.
 - 4. Aluminum (not anodized or otherwise coated).
 - 5. Stainless steel.
 - 6. Wood.
 - 7. Gypsum board.
- B. Related Requirements:
 - 1. Section 099300 "Staining and Transparent Finishing" for surface preparation and the application of wood stains and transparent finishes on interior wood substrates.

1.3 DEFINITIONS

- A. MPI Gloss Level 1: Not more than five units at 60 degrees and 10 units at 85 degrees, according to ASTM D 523.
- B. MPI Gloss Level 2: Not more than 10 units at 60 degrees and 10 to 35 units at 85 degrees, according to ASTM D 523.
- C. MPI Gloss Level 3: 10 to 25 units at 60 degrees and 10 to 35 units at 85 degrees, according to ASTM D 523.
- D. MPI Gloss Level 4: 20 to 35 units at 60 degrees and not less than 35 units at 85 degrees, according to ASTM D 523.
- E. MPI Gloss Level 5: 35 to 70 units at 60 degrees, according to ASTM D 523.
- F. MPI Gloss Level 6: 70 to 85 units at 60 degrees, according to ASTM D 523.
- G. MPI Gloss Level 7: More than 85 units at 60 degrees, according to ASTM D 523.

1.4 ACTION SUBMITTALS

- A. Product Data: For each type of product. Include preparation requirements and application instructions.

Columbia, South Carolina 29208
Project Number H27-Z373

1. Include Printout of current "MPI Approved Products List" for each product category specified, with the proposed product highlighted.
 2. Indicate VOC content.
- B. Samples for Verification: For each type of paint system and in each color and gloss of topcoat.
1. Submit Samples on rigid backing, 8 inches square.
 2. Apply coats on Samples in steps to show each coat required for system.
 3. Label each coat of each Sample.
 4. Label each Sample for location and application area.
- C. Product List: Cross-reference to paint system and locations of application areas. Use same designations indicated on Drawings and in schedules. Include color designations.

1.5 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials, from the same product run, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Paint: 5 percent, but not less than 1 gal. of each material and color applied.

1.6 QUALITY ASSURANCE

- A. Refer to INTERIOR PAINTING SPECIFICATIONS FOR CAPSTONE RESIDENCE HALL, Section 1.09.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F.
1. Maintain containers in clean condition, free of foreign materials and residue.
 2. Remove rags and waste from storage areas daily.

1.8 FIELD CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 95 deg F.
- B. Do not apply paints when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.

Columbia, South Carolina 29208
Project Number H27-Z373

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis of Design Product for Interior Painting: Subject to compliance with requirements, provide Sherwin Williams or comparable product by one of the following, with the exception of Institutional Low-Odor/VOC Latex System. See approved Basis of Design for Institutional Low-Odor/VOC Latex System Products in the Section 3.6.D.1.a:
 - 1. Benjamin Moore & Co.
 - 2. PPG Paints
 - 3. Rose Talbert
- B. Basis of Design Product for Interior Staining and Transparent Finishes: Subject to compliance with requirements, provide Sherwin Williams or comparable product by one of the following, with the exception of Stain Coat, Stain, semitransparent, for interior wood. See approved Basis of Design for Stain Coat, Stain, semitransparent, for interior wood in Section 3.6.I.1.a.:
 - 1. Benjamin Moore & Co.
 - 2. PPG Paints
- C. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to products listed in the Interior Painting Schedule for the paint category indicated.

2.2 PAINT, GENERAL

- A. MPI Standards: Products shall comply with MPI standards indicated and shall be listed in its "MPI Approved Products Lists."
- B. Material Compatibility:
 - 1. Materials for use within each paint system shall be compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 - 2. For each coat in a paint system, products shall be recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated.
- C. Colors: As indicated in a color schedule.
 - 1. Five percent of surface area will be painted with deep tones.

2.3 SOURCE QUALITY CONTROL

- A. Testing of Paint Materials: Owner reserves the right to invoke the following procedure:
 - 1. Owner will engage the services of a qualified testing agency to sample paint materials. Contractor will be notified in advance and may be present when samples are taken. If paint materials have already been delivered to Project site, samples may be taken at Project site. Samples will be identified, sealed, and certified by testing agency.
 - 2. Testing agency will perform tests for compliance with product requirements.

Columbia, South Carolina 29208
Project Number H27-Z373

3. Owner may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove noncomplying paint materials from Project site, pay for testing, and repaint surfaces painted with rejected materials. Contractor will be required to remove rejected materials from previously painted surfaces if, on repainting with complying materials, the two paints are incompatible.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.
- B. Maximum Moisture Content of Substrates: When measured with an electronic moisture meter as follows:
 1. Concrete: 12 percent.
 2. Fiber-Cement Board: 12 percent.
 3. Masonry (Clay and CMUs): 12 percent.
 4. Wood: 15 percent.
 5. Gypsum Board: 12 percent.
 6. Plaster: 12 percent.
- C. Gypsum Board Substrates: Verify that finishing compound is sanded smooth.
- D. Plaster Substrates: Verify that plaster is fully cured.
- E. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.
- F. Proceed with coating application only after unsatisfactory conditions have been corrected.
 1. Application of coating indicates acceptance of surfaces and conditions.

3.2 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.
- B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any.
- C. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.

Columbia, South Carolina 29208
Project Number H27-Z373

1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated.
- D. Concrete Substrates: Remove release agents, curing compounds, efflorescence, and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces to be painted exceeds that permitted in manufacturer's written instructions.
- E. Masonry Substrates: Remove efflorescence and chalk. Do not paint surfaces if moisture content or alkalinity of surfaces or mortar joints exceeds that permitted in manufacturer's written instructions.
- F. Steel Substrates: Remove rust, loose mill scale, and shop primer, if any. Clean using methods recommended in writing by paint manufacturer but not less than the following:
 1. SSPC-SP 7/NACE No. 4.
- G. Aluminum Substrates: Remove loose surface oxidation.
- H. Wood Substrates:
 1. Scrape and clean knots, and apply coat of knot sealer before applying primer.
 2. Sand surfaces that will be exposed to view, and dust off.
 3. Prime edges, ends, faces, undersides, and backsides of wood.
 4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried.

3.3 APPLICATION

- A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."
 1. Use applicators and techniques suited for paint and substrate indicated.
 2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
 3. Paint front and backsides of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces.
 4. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates.
 5. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers.
- B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.
- C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.
- D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.
- E. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:

Columbia, South Carolina 29208
Project Number H27-Z373

1. Paint the following work where exposed in occupied spaces:
 - a. Uninsulated metal piping.
 - b. Metal conduit.
 - c. Plastic conduit.
 - d. Metal access panels, HVAC vent covers.
 - e. Other items as directed by Architect.
2. Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces.

3.4 FIELD QUALITY CONTROL

- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.
 1. Contractor shall touch up and restore painted surfaces damaged by testing.
 2. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

3.5 CLEANING AND PROTECTION

- A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.
- C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.
- D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.

3.6 INTERIOR PAINTING SCHEDULE

- A. Concrete Substrates, Nontraffic Surfaces:
 1. Institutional Low-Odor/VOC Latex System [MPI INT 3.1M]:
 - a. Prime Coat: Primer sealer, interior, institutional low odor/VOC[, MPI #149].
 - 1) Sherwin Williams; Pro Mar200 Zero, Interior Latex Primer.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Sealer
 - 3) Benjamin Moore; Ultra Spec 500, Waterborne Interior Primer
 - 4) Rose Talbert; 250 Bondaplex, Interior/Exterior Primer

Columbia, South Carolina 29208
Project Number H27-Z373

- b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
- c. Topcoat: Latex, interior, institutional low odor/VOC, semi-gloss (MPI Gloss Level 5)[, MPI #147].
 - 1) Sherwin Williams; Pro Industrial, Acrylic Semi-Gloss Coating.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Semi-Gloss
 - 3) Benjamin Moore; Aura, Waterborne Interior Paint Semi-Gloss
 - 4) Rose Talbert; 5100 Clean Zero VOC 100% Acrylic Enamel Gloss/Semi-Gloss

B. CMU Substrates:

- 1. Institutional Low-Odor/VOC Latex System [MPI INT 4.2E]:
 - a. Block Filler: Block filler, latex, interior/exterior[, MPI #4].
 - 1) Sherwin Williams; Pro Tech, Int./Ext. 100% Acrylic Block Filler
 - 2) PPG Architectural; PPG Paints, Speedhide Int./Ext. Masonry Hi Fill Latex Block Filler
 - 3) Benjamin Moore; Ultra Spec, Int/Ext High-Build Masonry Block Filler
 - 4) Rose Talbert; 250 Bondaplex, Interior/Exterior Primer
 - b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
 - c. Topcoat: Latex, interior, institutional low odor/VOC, semi-gloss (MPI Gloss Level 5)[, MPI #147].
 - 1) Sherwin Williams; Pro Industrial, Acrylic Semi-Gloss Coating.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Semi-Gloss
 - 3) Benjamin Moore; Aura, Waterborne Interior Paint Semi-Gloss
 - 4) Rose Talbert; 1300 Acrylic Epoxy Enamel Semi-Gloss

C. Steel Substrates:

- 1. Institutional Low-Odor/VOC Latex System [MPI INT 5.1S]:
 - a. Prime Coat: Primer, rust inhibitive, water based[MPI #107].
 - 1) Sherwin Williams; Pro Industrial, Pro-Cry Universal Primer
 - 2) PPG Architectural; High Performance Coatings, Pitt-Tech Int/Ext DTM Industrial Primer
 - 3) Benjamin Moore; Ultra Spec HP, Acrylic Metal Primer
 - 4) Rose Talbert; 9072 High Solids Phenolic Gray Primer
 - b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.

Columbia, South Carolina 29208
Project Number H27-Z373

- c. Topcoat: Latex, interior, institutional low odor/VOC, semi-gloss (MPI Gloss Level 5)[, MPI #147].
 - 1) Sherwin Williams; Pro Industrial, Acrylic Semi-Gloss Coating.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Semi-Gloss
 - 3) Benjamin Moore; Aura, Waterborne Interior Paint Semi-Gloss
 - 4) Rose Talbert; 300 Premium Alkyd Semi-Gloss Enamel

D. Aluminum (Not Anodized or Otherwise Coated) Substrates:

- 1. Institutional Low-Odor/VOC Latex System [MPI INT 5.4G]:
 - a. Prime Coat: Primer, quick dry, for aluminum [, MPI #95].
 - 1) Masterchem Industries; Kilz Complete, Int/Ext Oil-based Primer
 - 2) Rose Talbert; 250 Bondaplex Interior/Exterior Primer
 - 3) Rust-Oleum; XIM, X Seal
 - b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
 - c. Topcoat: Latex, interior, institutional low odor/VOC, semi-gloss (MPI Gloss Level 5)[, MPI #147].
 - 1) Sherwin Williams; Pro Industrial, Acrylic Semi-Gloss Coating.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Semi-Gloss
 - 3) Benjamin Moore; Aura, Waterborne Interior Paint Semi-Gloss
 - 4) Rose Talbert; 41330 Acrylic Pre-Catalyzed Water Borne Epoxy

E. Stainless Steel Substrates:

- 1. High-Performance Architectural Latex System [MPI INT 5.6G]:
 - a. Prime Coat: Primer, bonding, solvent based[, MPI #69].
 - 1) Sherwin Williams; Multi-Purpose, Multi-Purpose Primer.
 - 2) Benjamin Moore; Insl-x, Prime Lock Plus
 - 3) Rose Talbert; 8900 Aqua Chem DTM/Primer Finish White or 250 Bondaplex, Interior/Exterior Primer
 - b. Intermediate Coat: Latex, interior, high performance architectural, matching topcoat.
 - c. Topcoat: Latex, interior, high performance architectural, semi-gloss (MPI Gloss Level 5)[, MPI #141].
 - 1) Sherwin Williams; Pro Industrial, Pre-Catalyzed Waterbased Epoxy Semi-Gloss.
 - 2) PPG Architectural; Timeless, Interior Semi-Gloss Paint + Primer.
 - 3) Benjamin Moore; Ultra Spec HP, DTM Acrylic Semi-Gloss Enamel.
 - 4) Rose Talbert; 41330 Acrylic Pre-Catalyzed Water Borne Epoxy

Columbia, South Carolina 29208
Project Number H27-Z373

F. Wood Substrates: Wood trim.

1. Institutional Low-Odor/VOC Latex System [MPI INT 6.3V]:

- a. Prime Coat: Primer, latex, for interior wood[, MPI #39].
 - 1) Sherwin Williams; Multi-Purpose, Multi-Purpose Latex Primer/Sealer.
 - 2) PPG Architectural; PPG Paints, Seal Grip Int/Ext Acrylic Universal Primer/Sealer
 - 3) Benjamin Moore; Fresh Start, High-Hiding All Purpose Primer
 - 4) Rose Talbert; 5690 Clean Premium Vinyl Emulsion Primer Zero VOC
- b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
- c. Topcoat: Latex, interior, institutional low odor/VOC, semi-gloss (MPI Gloss Level 5)[, MPI #147].
 - 1) Sherwin Williams; Pro Industrial, Acrylic Semi-Gloss Coating.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Semi-Gloss
 - 3) Benjamin Moore; Aura, Waterborne Interior Paint Semi-Gloss
 - 4) Rose Talbert; 41330 Acrylic Pre-Catalyzed Water Borne Epoxy

G. Gypsum Board Substrates:

1. Institutional Low-Odor/VOC Latex System [MPI INT 9.2M]:

- a. Prime Coat: Primer sealer, interior, institutional low odor/VOC[, MPI #149].
 - 1) Sherwin Williams; Pro Mar200 Zero, Interior Latex Primer.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Sealer
 - 3) Benjamin Moore; Ultra Spec 500, Waterborne Interior Primer
 - 4) Rose Talbert; 5690 Clean Premium Vinyl Emulsion Primer Zero VOC
- b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
- c. Topcoat: Latex, interior, institutional low odor/VOC, Eggshell (MPI Gloss Level 3)[, MPI #145].
 - 1) Sherwin Williams; Pro Mar 200 HP Zero VOC, Interior Acrylic Eg-Shel Paint.
 - 2) PPG Architectural; Dulux (CA), Ultra Zero VOC Int. Latex Pearl
 - 3) Benjamin Moore; Ultra Spec 500, Interior Eggshell
 - 4) Rose Talbert; 5400 Clean Premium Acrylic Low Luster Enamel Zero VOC

H. Previously Painted and Unpainted Existing Vinyl Wallcovering

- 1. Repair VWC with similar texture type II materials. Re-glue seams where required with heavy duty adhesives.
 - a. Prime Coat: Primer sealer, interior, institutional low odor/VOC[, MPI #149].

Columbia, South Carolina 29208
Project Number H27-Z373

- 1) Sherwin Williams; Pro Mar200 Zero, Interior Latex Primer.
 - 2) PPG Architectural; PPG Paints, Speedhide Zero Interior Zero VOC Latex Sealer
 - 3) Benjamin Moore; Ultra Spec 500, Waterborne Interior Primer
 - 4) Rose Talbert; 250 Bondaplex Interior/Exterior Primer
 - b. Intermediate Coat: Latex, interior, institutional low odor/VOC, matching topcoat.
 - c. Topcoat: Latex, interior, institutional low odor/VOC, Eggshell (MPI Gloss Level 3)[, MPI #145].
 - 1) Sherwin Williams; Pro Mar 200 HP Zero VOC, Interior Acrylic Eg-Shel Paint.
 - 2) PPG Architectural; Dulux (CA), Ultra Zero VOC Int. Latex Pearl
 - 3) Benjamin Moore; Ultra Spec 500, Interior Eggshell
 - 4) Rose Talbert; 5400 Clean Premium Acrylic Low Luster Enamel Zero VOC
- i. Wood Substrates: architectural woodwork, doors (Previously Stained Doors and Student Typical Wardrobes). Patch any gauges with stainable wood putty.
 1. Polyurethane Varnish over Stain System MPI INT 6.3E:
 - a. Stain Coat: Stain, semitransparent, for interior wood, MPI #90.
 - 1) Sherwin Williams; Wood Classics, Interior Oil Stain.
 - 2) PPG Architectural; DEFT, Deft Dry Fast Stain Int Oil Based.
 - 3) Columbia Paint; Minwax, Interior Oil Stain-250.
 - b. First Intermediate Coat: Polyurethane varnish matching topcoat.
 - c. Second Intermediate Coat: Polyurethane varnish matching topcoat.
 - d. Topcoat: Varnish, interior, polyurethane, oil modified, satin (MPI Gloss Level 4), MPI #57.
 - 1) Sherwin Williams; Wood Classics, Polyurethane Varnish Stain.
 - 2) PPG Architectural; DEFT, Defthane SN 275.
 - 3) Benjamin Moore; Lenmar, Polyurethane Finish Satin.
- J. Electrical Wall Plates
 1. Quantities and types must be provided by the Contractor to the University Housing Project Manager; wall plates will be furnished by University Housing and installed by the Contractor.

END OF SECTION 099123

DIVISION	SECTION TITLE	PAGES
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PROCUREMENT AND CONTRACTING REQUIREMENTS

Division 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS

TABLE OF CONTENTS	1
INVITATION TO BID (SE-310)	1
INSTRUCTIONS TO BIDDERS (AIA 701-1997 SC OFFICE OF STATE ENGINEER VERSION)	13
BID BOND (AIA A310)	1
LUMP SUM BID FORM (SE-330)	6
STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR (AIA101-2007 SC OFFICE OF STATE ENGINEER VERSION- SAMPLE)	9
GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (AIA 201-2007 SC OFFICE OF STATE ENGINEER VERSION)	49
USC SUPPLEMENTAL GENERAL CONDITIONS FOR CONSTRUCTION PROJECTS	5
PERFORMANCE BOND (SE-355)	2
LABOR & MATERIAL PAYMENT BOND (SE-357)	2
CHANGE ORDER TO CONSTRUCTION CONTRACT (SE-380)	1
CONTRACTOR'S ONE YEAR GUARANTEE	1

SPECIFICATIONS GROUP

TECHNICAL SPECIFICATIONS

INTERIOR PAINTING SPECIFICATIONS- CAPSTONE RESIDENCE HALL UNIVERSITY OF SOUTH CAROLINA	29
---	----

099123	INTERIOR PAINTING	10
--------	-------------------	----

ADDITIONAL INFORMATION

INDEX OF DRAWINGS	1
HAZMAT SURVEY	3

END OF TABLE OF CONTENTS

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

Project Name: Capstone Interior Painting Maintenance Project
Project Number: H27-Z373
Pre Bid Date & Time: April 4, 2018 at 10:00 AM

SWMBE?	Name	Company Name	Address	Phone #	Email
Yes No	Juaquana Brookins	USC	1300 Pickens St, Columbia SC 29208	803.777.3596	jbrookin@fmc.sc.edu
Yes No	Blake Maher	RNF Construction	1236 Ebenezer Rd Rock Hill, SC	803-627-0270	blake@rnfcons.com
Yes No	Gus Garcia	E&D CONTRACTORS	420 FOXHUNT RD. GEORGE CREEK	843 475 6888	EDCONTRACTORS1@YAHOO.COM
Yes No	Tim Creech	SHERWIN-Williams	2529 Forest DR. COLUMBIA SC	803 320 4199	timothy.s.creech@sherwin.com
Yes No	Allen Kinsey	FIRST Class CONST	126 Suber Rd	803 626 9821	
Yes No	Jeff Paschal	MAR construction	2401 Wilson Rd Newberry SC	803-597-5353	Estimating@marconstructions.com
Yes No	FRED GILLEN	BLACKHURST CONST	74 HOLLY RIDGE LN	803-422-6003	FGillens@YAHOO.COM
Yes No	Mike Mammone	Premier Const	682 Deinan Rd	803-960-9478	MMAMMONS@PREMIERCONSTRUCTION.NET
Yes No	Kara Grant	USC	1520 Devine St.	7-7057	

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

University of South Carolina
Pre Bid Sign In Sheet
 Columbia, South Carolina

Project Name: Capstone Interior Painting Maintenance Project
Project Number: H27-Z373
Pre Bid Date & Time: April 4, 2018 at 10:00 AM

SWMBE?	Name	Company Name	Address	Phone #	Email
Yes No	Anna Fender	lxl Design	221 pickens street	803.834.4040	afender@lxldesign.com
Yes No	Ashley Scott St. John	lxl Design	"	"	astjohn@lxldesign.com
Yes No	JAMES SHERRY	YSC	1500 DEVINE STREET COLA 29208	803-777-5719	JSHERRY@MAILBOX.SC.EDU
Yes No					
Yes No					
Yes No					
Yes No					
Yes No					
Yes No					

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