ADDENDUM
NO. 3

Date: March 10, 2021
To: All Prime Bidders of Record and Plan Holders
Project: East Tennessee State University – Lamb Hall Renovation
Johnson City, TN

This addendum is hereby made a part of the contract documents and the Specifications of the above named project. All other requirements of the original Specifications shall remain in effect in their respective order. Acknowledge receipt of this Addendum by inserting its number and date in the Proposal Form.

This Addendum Number Three consists of 2 typewritten pages, and 35 attachments.

Specifications

Refer to Specifications. Specification section 00 01 10 Table of Contents has been updated.
Refer to Specifications. Specification section 01 22 13 Unit Prices has been added.
Refer to Specifications. Specification section 01 22 15 List of Unit Prices has been added.
Refer to Specifications. Specification section 01 35 53 Security Procedures has been removed.
Refer to Specifications. Specification section 01 42 19 Reference Standards has been removed.
Refer to Specifications. Specification section 01 51 00 Temporary Utilities has been removed.
Refer to Specifications. Specification section 01 52 13 Field Offices and Sheds has been removed.
Refer to Specifications. Specification section 01 55 00 Vehicular Access and Parking has been removed.

Refer to Specifications. Specification section 02 37 10 Micropiles. The ultimate bending moment shall be selected at a maximum strain of 0.003 for concrete and/or a maximum strain for steel of 0.015.

Refer to Specifications. Specification section 07 76 16 Roof Deck Pavers has been added.
Refer to Specifications. Specification section 07 81 00 Applied Fireproofing has been added.

Refer to Specifications. Specification section 07 84 00 Firestopping has been updated.

Refer to Specifications. Specification section 08 31 00 Access Doors and Frames has been updated.

Refer to Specifications. Specification section 09 51 13 Acoustical Panel Ceilings. Paragraph 2.2 Acoustical Panels Type Act – Replace line A. with the following:


Refer to Specifications. Specification section 10 11 00 Visual Display Boards has been updated.

Refer to Specifications. Specification section 10 21 23 Cubicle Curtains has been added.

Refer to Specifications. Specification section 10 21 25 Curtain Track has been added.

Refer to Specifications. Specification section 10 44 00 Fire Protection Specialties has been updated.

**Drawings**

Refer to Drawings. Drawing sheet LS111. Replace existing sheet LS111 R2 with reissued LS111 R3 (attached). Sheet was revised to modify location of accessible seating graphic to align with furniture layout.

Refer to Drawings. Drawing sheet A111. Replace existing sheet A111 R2 with reissued A111 R3 (attached). Sheet was revised to modify location of accessible seating graphic to align with furniture layout.

Refer to Drawings. Drawing sheet A900. Replace existing sheet A900 with reissued A900 R3 (attached). Sheet was revised coordinate finish callouts.

Refer to Drawings. Drawing sheet A901. Replace existing sheet A901 with reissued A901 R3 (attached). Sheet was revised coordinate finish callouts.

Refer to Drawings. Drawing Sheet S1.1. The pile located at 101:nT shall resist an ASD seismic load of -25 kips (uplift).

Refer to Drawing Sheet T1.0. Replace existing sheet T1.0 with attached T1.0.

Refer to Drawing Sheet T1.1. Replace existing sheet T1.1 with attached T1.1.

Refer to Drawing Sheet T1.2. Replace existing sheet T1.2 with attached T1.2.

Refer to Drawing Sheets Asbestos Abatement Plan Sheets AS-1 through AS-16. Add to set.
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### End of Section
SECTION 01 22 13
UNIT PRICES

PART 1: GENERAL

1.01 SUMMARY
A. Unit prices are subject to determination at the time of a Modification if the solicited unit price was not accepted and not listed in the Agreement.
B. Unit prices may be established by appropriate Modification.
C. Unit price items are listed in Section 01 22 15 with related sections for each.
D. If no base quantity is stipulated, or if the base quantity is zero, then the unit price is invalid.
E. Unit prices include all direct and indirect costs, except overhead and profit, associated with the unit price item and are treated as direct prices to the Owner by the Contractor, regardless of whether the work of the unit price item is being performed by a subcontractor or a sub-subcontractor.
F. Each unit price multiplied by its base quantity constitutes an allowance included in the Contract Sum.

1.02 ADMINISTRATION
A. Use the related item number on all unit price documentation.
B. Represent the allowance for each unit price item as a distinct line item in the Schedule of Values.
C. Keep a daily log of actual quantities of specified work units encountered, consumed, or expended. When submitting an application for payment which includes payment for unit price items, provide Designer a copy or report of the log which is acceptable to Designer. Actual quantities and the Contractor’s log are subject to verification by Designer.
D. Adjustment of costs
   1. Continuously monitor the consumption of each base quantity and the associated use of the allowance and the anticipated use to complete the Work. Do not exceed an allowance.
   2. If a base quantity and the associated allowance are at risk of being exceeded, request a Modification to increase them in a timely manner to avoid delay in the Work.
   3. If all of the Work of an allowance is complete and there is unexpended Allowance remaining, request a modification to decrease the allowance to equal the amount that has been used.
E. If adjustments exceed, or are expected to exceed, a cumulative twenty five percent (25%) of the initial base quantity, either party to the Contract may initiate renegotiation for a new unit price. Such a new unit price shall be made a part of the Contract by appropriate Modification.

PART 2: PRODUCTS (NOT USED)

PART 3: EXECUTION (NOT USED)

END OF SECTION
### LIST OF UNIT PRICES

#### PART 1 – GENERAL

1.01 LIST OF UNIT PRICES

<table>
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<td>3</td>
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#### PART 2 – PRODUCTS (NOT USED)

#### PART 3 – EXECUTION (NOT USED)

END OF SECTION
SECTION 07 76 16

ROOF DECKING PAVERS

PART 1  GENERAL

1.01  WORK INCLUDED

A. Work of this Section includes concrete pavers and paver pedestals.

1.02  RELATED SECTIONS

A. Roof Membrane System: Section 07 53 23.

B. Insulation Board: Section 07 53 23, and as detailed on drawings

1.03  SUBMITTALS

A. Manufacturer’s Product Data: Submit for all items. Include product description and color samples for selection by Architect.

B. Shop Drawings: Include layout drawings indicating sizes and colors. Layout to include layout of pedestals indicating approximate pedestal height to provide level paver installation.

C. Samples: If requested by Architect, Submit a full size sample of paver unit required. Include the full range of style, size, exposed finish, color, and texture proposed for the work.

1.04  DELIVERY, STORAGE AND HANDLING

A. Protect paving units from damage, chipping, and soiling during delivery and storage. Store off the ground on pallets or wood platforms.

B. Do not incorporate chipped or damaged units into the work.

1.05  PROJECT CONDITIONS

A. Review installation procedures and coordinate paving work with other work affected by the concrete paving work.

PART 2  PRODUCTS

2.01  CONCRETE PAVERS

A. Material: Precast concrete;

B. Performance Requirements:
3. Moisture Absorption – ASTM C140: Less than 6%.
5. ASTM C67 freeze-thaw resistance: no breakage/1% maximum mass loss

C. Thickness: 2", approximately 25 lbs./sq. ft.

D. Finish: Non-slip texture.

E. Sizes: face size 24 inches square

F. Colors: To be selected by Architect.

G. Paver products based on the following Manufacturer systems:
WAUSAU TILE: info@tecturadesigns.com
Products by HANOVER ARCHITECTURAL PRODUCTS, HASTINGS PAVEMENT CO or SUNNY BROOK or are acceptable providing they meet or exceed the requirements specified herein.

2.02 PEDESTALS

A. Description: Provide paver supports fabricated of high density polyethylene; copolymer polypropylene, or equivalent; designed with spacer ribs to space pavers at approximate 1/8" to 1/4". Pedestals to have multiple stacking shims or similar method to enabling leveling of concrete pavers. Provide shims and accessories as required. Loading: 1,000 lbs. per pedestal.

B. Pedestal system products based on the following Manufacturer systems:
ETERNO IVICA (Adjustable Support SE Series SE0-SE4) http://www.pedestal- eternoivica.com
WAUSAU TILE (Tectura Designs) info@tecturadesigns.com
BISON INNOVATIVE PRODUCTS (B Series)
Products by manufacturers listed in paragraph above are acceptable providing they meet or exceed the requirements specified herein

C. Pedestals and Accessories
1. Tabs and Shim Plates:
   a. The SBR rubber Tab units provide spacing tabs, 3/16 inch or 1/8 inch, allowing for drainage and air circulation. Tabs to have a shore hardness of 70, allowing for resiliency without sound transmission. Tab sizes to correspond with various sizes of pavers.
   b. Shim Plates are 1/16 • inch, 1/8 • inch and 1/4 • inch thick and of various sizes to correspond with various size Tabs. Shim Plates to be of the same material as the Tab.
2. Pedestals shall accommodate various pitches and height changes of the project area. Unit has outside dimension of 7 inches square and provides surface contact of 49 square inches. Unit adjusts from a minimum of 2 • 1/2 inches to a maximum of 21 inches and can tilt to a level plane. Units to be high impact copolymer polypropylene. Tabs are used on top of
this unit.

3. Waffle Reducer is made of high impact copolymer polypropylene. Waffle Reducers are made to accommodate height adjustments 3/8 inch to 2-1/2 inches. An outside base diameter of 6 inches provides surface contract of 28 square inches. The unit consists of one base with three pieces of 3/8 • inch waffle rings and two pieces of 3/4 • inch waffle rings.

**PART 3 EXECUTION**

3.01 INSTALLATION

A. Do not proceed with installation of pedestals and pavers until installation of waterproofing and waterproofing protection (insulation).

B. Install pedestals and concrete pavers in accordance with manufacturers’ instructions and recommendations. Layout pavers in accordance with layout indicated on drawings.

C. Shim or otherwise adjust pedestals to provide a level solid base to receive concrete pavers.

D. Cut pavers using masonry saw. Do not install pavers that are chipped, cracked or otherwise defective.

END OF SECTION
SECTION 07 81 00
APPLIED FIREPROOFING

PART 1 GENERAL

1.01 SECTION INCLUDES
A. Fireproofing of interior structural steel not exposed to damage or moisture.
B. Preparation of fireproofing for application of exposed finish specified elsewhere.

1.02 RELATED REQUIREMENTS
A. Section 05 12 23 - Structural Steel.
B. Section 07 84 00 - Firestopping.
C. Section 09 29 00 - Gypsum Drywall: Gypsum board fireproofing.

1.03 REFERENCE STANDARDS

1.04 ADMINISTRATIVE REQUIREMENTS
A. Coordinate with placement of ceiling hanger tabs, mechanical component hangers, and electrical components.
B. Preinstallation Meeting: Convene one week before starting work of this section.

1.05 SUBMITTALS
A. Product Data: Provide data indicating product characteristics.
B. Test Reports: Reports from reputable independent testing agencies for proposed products, indicating compliance with specified criteria, conducted under conditions similar to those on project, as follows:
1. Bond strength.
2. Bond impact.
3. Compressive strength.
4. Fire tests using substrate materials similar to those on project.
C. Manufacturer’s Certificate: Certify that sprayed-on fireproofing products meet or exceed requirements of contract documents.
D. Manufacturer Reports: Indicate environmental conditions that applied fireproofing materials were installed.
E. Manufacturer’s Qualification Statement.

1.06 QUALITY ASSURANCE
A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.
B. Installer Qualifications: Company specializing in performing work of the type specified and with at least three years of documented experience
1. Having minimum 3 years of documented experience.
2. Approved by manufacturer.
1.07 MOCK-UP
A. Construct mock-up, 100 square feet in size.
B. Comply with project requirements for fire ratings.
C. Locate where directed.
D. Examine installation within one hour of application to determine variances from specified requirements due to shrinkage, temperature, and humidity.
E. Where shrinkage and cracking are evident, adjust mixture and method of application as necessary; remove materials and re-construct mock-up.
F. Mock-up may remain as part of the Work.

1.08 FIELD CONDITIONS
A. Do not apply fireproofing when temperature of substrate material and surrounding air is below 40 degrees F or when temperature is predicted to be below said temperature for 24 hours after application.
B. Provide ventilation in areas to receive fireproofing during application and 24 hours afterward, to dry applied material.
C. Provide temporary enclosure to prevent spray from contaminating air.

1.09 WARRANTY
A. Correct defective Work within a two year period after Date of Substantial Completion.
   1. Include coverage for fireproofing to remain free from cracking, checking, dusting, flaking, spalling, separation, and blistering.
   2. Reinstall or repair failures that occur within warranty period.

PART 2 PRODUCTS

2.01 MANUFACTURERS
A. Applied Fireproofing:

2.02 FIREPROOFING ASSEMBLIES
A. Provide assemblies as indicated on drawings.
B. Provide a fire rated assembly rating of indicated hours for roof assembly to UL Design No. listed in drawings and indicated hours for typical floor assembly to UL Design No. listed in drawings.
C. Provide fire resistance ratings for following building elements as required by local building code:
   1. Refer to Sheets LS400-LS403 for rating requirements.
D. Provide UL fire-rated assemblies to hourly ratings as follows:
   1. Refer to Sheets LS400-LS403 for rating requirements.
2.03 MATERIALS
   Not Used

2.04 ACCESSORIES
   A. Primer Adhesive: Of type recommended by applied fireproofing manufacturer.
   B. Overcoat: As recommended by manufacturer of applied fireproofing material.
   C. Water: Clean, potable.

PART 3 EXECUTION

3.01 EXAMINATION
   A. Verify that surfaces are ready to receive fireproofing.
   B. Verify that clips, hangers, supports, sleeves, and other items required to penetrate fireproofing are in place.
   C. Verify that ducts, piping, equipment, or other items that would interfere with application of fireproofing have not been installed.
   D. Verify that voids and cracks in substrate have been filled.
   E. Verify that projections have been removed where fireproofing will be exposed to view as a finish material.

3.02 PREPARATION
   A. Perform tests as recommended by fireproofing manufacturer in applications where adhesion of fireproofing to substrate is in question.
   B. Remove incompatible materials that could effect bond by scraping, brushing, scrubbing, or sandblasting.
   C. Prepare substrates to receive fireproofing in strict accordance with instructions of fireproofing manufacturer.
   D. Protect surfaces not scheduled for fireproofing and equipment from damage by overspray, fall-out, and dusting.
   E. Close off and seal duct work in areas where fireproofing is being applied.

3.03 APPLICATION
   A. Apply primer adhesive in accordance with manufacturer’s instructions.
   B. Apply fireproofing in uniform thickness and density as necessary to achieve required ratings.
   C. Apply overcoat at the rate recommended by fireproofing manufacturer.

3.04 FIELD QUALITY CONTROL
   A. Perform field inspection and testing in accordance with Section 01 40 00 - Quality Requirements.
   B. Inspect installed fireproofing after application and curing for integrity, prior to its concealment.
   C. Ensure that actual thicknesses, densities, and bond strengths meet requirements for specified ratings and requirements of authorities having jurisdiction (AHJ).
   D. Re-inspect installed fireproofing for integrity of fire protection, after installation of subsequent Work.
3.05 CLEANING
   A. Remove excess material, overspray, droppings, and debris.
   B. Remove fireproofing from materials and surfaces not required to be fireproofed.

END OF SECTION
SECTION 07 84 00
FIRESTOPPING

PART 1 GENERAL

1.01 SECTION INCLUDES
A. Firestopping systems.
B. Firestopping of all joints and penetrations in fire resistance rated and smoke resistant assemblies, whether indicated on drawings or not, and other openings indicated.

1.02 RELATED REQUIREMENTS
A. Section 07 81 00 - Applied Fireproofing.
B. Section 09 29 00 - Gypsum Drywall: Gypsum wallboard fireproofing.

1.03 REFERENCE STANDARDS
F. ITS (DIR) - Directory of Listed Products; current edition.
I. SCAQMD 1168 - South Coast Air Quality Management District Rule No.1168; current edition.

1.04 SUBMITTALS
A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
B. Schedule of Firestopping: List each type of penetration, fire rating of the penetrated assembly, and firestopping test or design number.
C. Product Data: Provide data on product characteristics, performance ratings, and limitations.
D. Sustainable Design Submittal: Submit VOC content documentation for all non-preformed materials.
E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
F. Certificate from authority having jurisdiction indicating approval of materials used.
G. Installer Qualification: Submit qualification statements for installing mechanics.
1.05 QUALITY ASSURANCE

A. Fire Testing: Provide firestopping assemblies of designs that provide the scheduled fire ratings when tested in accordance with methods indicated.
   1. Listing in UL (FRD), FM (AG), or ITS (DIR) will be considered as constituting an acceptable test report.

B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

C. Installer Qualifications: Company specializing in performing the work of this section and:
   1. Trained by manufacturer.
   2. Approved by Factory Mutual Research Corporation under FM 4991, or meeting any two of the following requirements:
      a. Verification of minimum three years documented experience installing work of this type.
      b. Verification of at least five satisfactorily completed projects of comparable size and type.
      c. Licensed by local authorities having jurisdiction (AHJ).

1.06 FIELD CONDITIONS

A. Comply with firestopping manufacturer's recommendations for temperature and conditions during and after installation; maintain minimum temperature before, during, and for three days after installation of materials.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Firestopping Manufacturers:
   1. 3M Fire Protection Products: www.3m.com/firestop.

2.02 MATERIALS

A. Firestopping Materials: Any materials meeting requirements.

B. Volatile Organic Compound (VOC) Content: Provide products having VOC content lower than that required by SCAQMD 1168.

C. Mold and Mildew Resistance: Provide firestopping materials with mold and mildew resistance rating of zero(0) in accordance with ASTM G21.

D. Primers, Sleeves, Forms, Insulation, Packing, Stuffing, and Accessories: Provide type of materials as required for tested firestopping assembly.

E. Fire Ratings: Refer to drawings for required systems and ratings.

2.03 FIRESTOPPING ASSEMBLY REQUIREMENTS

A. Perimeter Fire Containment Firestopping: Use system that has been tested according to ASTM E2307 to have fire resistance F Rating equal to required fire rating of floor assembly.

B. Head-of-Wall Joint System Firestopping at Joints Between Fire-Rated Wall Assemblies and Non-Rated Horizontal Assemblies: Use system that has been tested according to ASTM
E2837 to have fire resistance F Rating equal to required fire rating of floor or wall, whichever is greater.

C. Floor-to-Floor, Wall-to-Wall, and Wall-to-Floor Joints, Except Perimeter, Where Both Are Fire-Rated: Use system that has been tested according to ASTM E1966 or UL 2079 to have fire resistance F Rating equal to required fire rating of the assembly in which the joint occurs.

D. Through Penetration Firestopping: Use system that has been tested according to ASTM E814 to have fire resistance F Rating equal to required fire rating of penetrated assembly.

2.04 FIRESTOPPING SYSTEMS

A. Firestopping: Any material meeting requirements.
   1. Fire Ratings: See drawings for required systems and ratings.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify openings are ready to receive the work of this section.

3.02 PREPARATION

A. Clean substrate surfaces of dirt, dust, grease, oil, loose material, or other materials that could adversely affect bond of firestopping material.

B. Remove incompatible materials that could adversely affect bond.

3.03 INSTALLATION

A. Install materials in manner described in fire test report and in accordance with manufacturer's instructions, completely closing openings.

B. Do not cover installed firestopping until inspected by Owner's Independent Testing Agency.

C. Do not cover installed firestopping until inspected by authorities having jurisdiction.

3.04 CLEANING

A. Clean adjacent surfaces of firestopping materials.

3.05 PROTECTION

A. Protect adjacent surfaces from damage by material installation.

END OF SECTION
SECTION 08 31 00
ACCESS DOORS AND FRAMES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS
A. General Provisions of the Contract, General and Supplementary Conditions, and Division 1. Specification Sections, General Requirements, apply to this section.

1.02 DESCRIPTION OF WORK
A. Labor, material, equipment, and services required to provide access doors and frames in rated and non-rated drywall ceilings and walls, including acoustically rated partitions.

1.03 RELATED WORK
A. Section 07 92 00 - “Sealants”.
B. Section 09 29 00 - “Gypsum Drywall”.
C. Section 09 91 00 - “Painting and Coating”.

1.04 REFERENCES
A. The work is subject to applicable portions of ASTM C423-90a.

1.05 QUALITY ASSURANCE
A. Obtain access doors for entire project from one source from a single manufacturer.
B. Access doors and frames in acoustically rated partitions and shall comply with applicable Local, State, and Federal Codes.

1.06 SUBMITTALS
A. Submit manufacturer’s technical data, installation instructions, shop drawings, and product performance certification to Architect in accordance with General Conditions.
B. Provide illustrations and descriptions of components including but not limited to panel sizes, framing, stiffeners, connections and perimeter details.
C. Provide keying schedule showing all locations.

1.07 DELIVERY, STORAGE AND HANDLING
A. Access door and frame components shall be delivered, stored, and handled according to manufacturer’s instructions.
PART 2 - PRODUCTS

2.01 NON-RATED ACCESS DOORS

A. Manufacturers offering products complying with requirements include, but are not necessarily limited to, the following:

J.L. Industries access doors with cylinder lock for all non-rated applications, or equals by Milcor, Inc. or Williams.
1. Williams Bros. CPA Model WB DW 400 Series 400 for Drywall
2. J.L. Industries Model PW or PWE for plaster walls and ceiling surfaces.
3. J.L. Industries Model TM panel for drywall, masonry, or tile surfaces on walls.

B. Provide non-rated access doors in size(s) as applicable per mechanical/plumbing drawings and specifications.

C. Access doors and frames shall be painted to match adjacent surfaces.

2.02 RATED ACCESS DOORS

A. Manufacturers offering products complying with requirements include, but are not necessarily limited to, the following:

J.L. Industries, FD Series, access doors with cylinder lock for all rated applications, or equals by Milcor, Inc. or Williams.
1. Model HGFD for plaster, tile, or drywall walls.
2. Model FD for masonry, tile or drywall walls and tile or drywall ceilings, or sound transmission.
3. Model FDPW for plaster surfaces.
4. Model FDSS for stainless steel access panel in masonry, plaster, or drywall surfaces.
5. Model FDWB for drywall surfaces.

B. Provide rated access doors in size(s) indicated on Drawings or if not indicated, smallest size to provide required access. (12” x 12” minimum)

C. Access doors and frames shall be painted to match adjacent surfaces.

2.03 DOOR KEYING AND LOCKING

A. All access doors are required to be locking shall have cylinder type cam lock to latch door securely.

B. Key shall have pin teeth on one side only.

C. All access doors for similar applications shall be keyed alike. Submit keying schedule to Architect with shop drawing submittals.

PART 3 - EXECUTION

3.01 EXAMINATION
A. Before commencing installation, examine the substrate and surrounding conditions to ensure that there is nothing to prevent proper and timely execution of the installation. Start of work shall indicate acceptance of the substrate and surrounding conditions.

3.02 INSTALLATION

A. Non-Rated Doors and Frames: Install access doors in locations and at mounting height(s) indicated. Securely fasten to structure, square and plumb, in accordance with manufacturer’s instructions. Finish as specified herein or as indicated on Drawings.

3.03 ADJUSTING AND CLEANING

A. Adjust doors, frames, and hardware after installation for proper operation and airtight seal when access panel is closed and locked.

B. Remove and replace door or components which are warped, bowed, or do not provide airtight seal.

END OF SECTION
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SECTION 09 51 13
ACOUSTICAL PANEL CEILINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general conditions of Contract, including General and Supplementary
   Conditions and Divisions-1 Specification sections apply to work of this section.

1.2 SUMMARY

A. Section Includes:
   1. Acoustical ceiling panels.
   2. Exposed grid suspension system.
   3. Wire hangers, fasteners, main runners, cross tees, and wall angle moldings.

B. Related Sections:
   1. Mechanical Divisions
   2. Electrical Divisions

1.3 REFERENCES

A. American Society for Testing and Materials (ASTM):
   1. ASTM A 1008 Standard Specification for Steel, Sheet, Cold Rolled, Carbon,
      Structural, High-Strength Low-Alloy and High-Strength Low-Alloy with Improved
      Formability.
   2. ASTM A 641 Standard Specification for Zinc-Coated (Galvanized) Carbon Steel
      Wire.
   3. ASTM A 653 Standard Specification for Steel Sheet, Zinc-Coated (Galvanized)
      by the Hot-Dip Process.
   4. ASTM C 423 Sound Absorption and Sound Absorption Coefficients by the
      Reverberation Room Method.
   5. ASTM C 635 Standard Specification for Metal Suspension Systems for
      Acoustical Tile and Lay-in Panel Ceilings.
   6. ASTM C 636 Recommended Practice for Installation of Metal Ceiling Suspension
      Systems for Acoustical Tile and Lay-in Panels.
   7. ASTM E 84 Standard Test Method for Surface Burning Characteristics of
      Building Materials.
   8. ASTM E 1414 Standard Test Method for Airborne Sound Attenuation Between
      Rooms Sharing a Common Ceiling Plenum.
   9. ASTM E 1111 Standard Test Method for Measuring the Interzone Attenuation of
      Ceilings Systems.
  10. ASTM E 1264 Classification for Acoustical Ceiling Products.
  11. ASTM E 1477 Standard Test Method for Luminous Reflectance Factor of
      Acoustical Materials by Use of Integrating-Sphere Reflectometers.
  12. ASTM D 3273 Standard Test Method for Resistance to Growth of Mold on the
      Surface of Interior Coatings in an Environmental Chamber.
      Material.


1.4 SUBMITTALS
A. Product Data: Submit manufacturer's technical data for each type of acoustical ceiling unit and suspension system required.

B. Samples: Minimum 6-inch x 6-inch samples of specified acoustical panel; 8 inch long samples of exposed wall molding and suspension system, including main runner and 4 foot cross tees.

C. Shop Drawings: Layout and details of acoustical ceilings. Show locations of items which are to be coordinated with or supported by the ceilings.

D. Certifications: Manufacturer's certifications that products comply with specified requirements, including laboratory reports showing compliance with specified tests and standards. For acoustical performance, each carton of material must carry an approved independent laboratory classification of NRC, CAC, and AC.

E. If the material supplied by the acoustical subcontractor does not have an Underwriter's Laboratory classification of acoustical performance on every carton, subcontractor shall be required to send material from every production run appearing on the job to an independent or NVLAP approved laboratory for testing, at the architect's or owner's discretion. All products not conforming to manufacturer's current published values must be removed, disposed of and replaced with complying product at the expense of the Contractor performing the work.

1.5 QUALITY ASSURANCE

A. Single-Source Responsibility: Provide acoustical panel units and grid components by a single manufacturer.

B. Fire Performance Characteristics: Identify acoustical ceiling components with appropriate markings of applicable testing and inspecting organization.
   1. Surface Burning Characteristics: As follows, tested per ASTM E 84 and complying with ASTM E 1264 for Class A products.
      a. Flame Spread: 25 or less
      b. Smoke Developed: 50 or less
   2. Fire Resistance Ratings: As indicated by reference to design designations in UL Fire Resistance Directory, for types of assemblies in which acoustical ceilings function as a fire protective membrane and tested per ASTM E 119.
      a. Protect lighting fixtures and air ducts to comply with requirements indicated for rated assembly.

C. Handle acoustical ceiling units carefully to avoid chipping edges or damaged units in any way.

1.6 DELIVERY, STORAGE, AND HANDLING

A. Deliver acoustical ceiling units to project site in original, unopened packages and store them in a fully enclosed space where they will be protected against damage from moisture, direct sunlight, surface contamination, and other causes.

B. Before installing acoustical ceiling units, permit them to reach room temperature and a stabilized moisture content.

C. Handle acoustical ceiling units carefully to avoid chipping edges or damaged units in any way.

1.7 PROJECT CONDITIONS

A. Space Enclosure:
   All ceiling products and suspension systems must be installed and maintained in accordance with Armstrong written installation instructions for that product in effect at the time of installation and best industry practice. Prior to installation, the ceiling product must be kept clean and dry, in an environment that is between 32°F (0°C) and 120°F (49°C) and not subject to Abnormal Conditions.
   Abnormal conditions include exposure to chemical fumes, vibrations, moisture
from conditions such as building leaks or condensation, excessive humidity, or excessive dirt or dust buildup.

**HumiGuard Plus Ceilings**: Installation of the products shall be carried out where the temperature is between 32°F (0°C) and 120°F (49°C). It is not necessary for the area to be enclosed or for HVAC systems to be functioning. All wet work (plastering, concrete, etc) must be complete and dry. The ceilings must be maintained to avoid excessive dirt or dust buildup that would provide a medium for microbial growth on ceiling panels. Microbial protection does not extend beyond the treated surface as received from the factory and does not protect other materials that contact the treated surface such as supported insulation materials.

**HumiGuard Max Ceilings**: HumiGuard Max’s sag performance warranty extends to installations where the ceiling product is exposed to chemical fumes, extreme temperatures up to 120°F (49°C) (including steam up to 275°F (135°C)) and 100% RH, including standing water applications so long as the product is installed with either SS Prelude Plus, AL Prelude Plus or Prelude Plus XL Fire Guard suspension systems. For swimming pools, install only with AL Prelude Plus suspension system. For outdoor soffits, canopies, and parking garages install with Prelude XL for Exterior Applications (wind uplift should be considered). The ceilings must be maintained to avoid excessive dirt or dust buildup that would provide a medium for microbial growth on ceiling panels. Microbial protection does not extend beyond the treated surface as received from the factory and does not protect other materials that contact the treated surface such as supported insulation materials.

1.8 **WARRANTY**

A. **Acoustical Panel**: Submit a written warranty executed by the manufacturer, agreeing to repair or replace acoustical panels that fail within the warranty period. Failures include, but are not limited to:
   1. Acoustical Panels: Sagging and warping as a result of defects in materials or factory workmanship.
   2. Grid System: Rusting and manufacturer’s defects
   3. Acoustical Panels with BioBlock Plus or designated as inherently resistive to the growth of micro-organisms installed with Armstrong suspension systems: Visible sag and will resist the growth of mold/mildew and gram positive and gram negative odor and stain causing bacteria.

B. **Warranty Period Humiguard**:
   1. Acoustical panels: Ten (10) years from date of substantial completion.
   2. Grid: Ten (10) years from date of substantial completion.
   3. Acoustical panels and grid systems with HumiGuard Plus or HumiGuard Max performance supplied by one source manufacturer is thirty (30) years from date of substantial completion.

C. The Warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and will be in addition to and run concurrent with other warranties made by the Contractor under the requirements of the Contract Documents.

1.9 **MAINTENANCE**

A. **Extra Materials**: Deliver extra materials to Owner. Furnish extra materials described below that match products installed. Packaged with protective covering for storage and identified with appropriate labels.
   1. Acoustical Ceiling Units: Furnish quality of full-size units equal to 1.0 percent of amount installed.
   2. Exposed Suspension System Components: Furnish quantity of each exposed suspension component equal to 1.0 percent of amount installed.
PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Ceiling Panels: Acceptable Manufactures:
   1. Armstrong World Industries, Inc.
   2. USG
   3. Certainteed

2.2 ACOUSTICAL PANELS TYPE ACT-1

A. Acoustical Panels Type: Armstrong Ceilings; Optima Tegular
   1. Surface Texture: Fine
   2. Composition: Mineral Fiber
   3. Color: White
   4. Size: 24in X 24in X 1in, 24in X 72in X 1in; See Reflected Ceiling Plans for size and location
   5. Edge Profile: Beveled Tegular for interface with Suprafine XL 9/16" Exposed Tee.
   6. Noise Reduction Coefficient (NRC): ASTM C 423; Classified with UL label on product carton, 0.70.
   7. Ceiling Attenuation Class (CAC): ASTM C 1414; Classified with UL label on product carton, 35
   9. Flame Spread: ASTM E 1264; Class A (UL)
   10. Light Reflectance (LR): ASTM E 1477; White Panel: Light Reflectance: 0.86.
   11. Dimensional Stability: HumiGuard Plus - Temperature is between 32°F (0° C) and 120°F (49° C). It is not necessary for the area to be enclosed or for HVAC systems to be functioning. All wet work (plastering, concrete, etc) must be complete and dry.
   12. Antimicrobial Protection: BioBlock Plus - Resistance against the growth of mold/mildew and gram positive and gram-negative odor and stain causing bacteria.

B. Suspension Systems – 9/16" Suprafine XL – 7500 series
   1. Components: All main beams and cross tees shall be commercial quality hot-dipped galvanized (galvanized steel, aluminum, or stainless steel) as per ASTM A 653. Main beams and cross tees are double-web steel construction with type exposed flange design. Exposed surfaces chemically cleansed, capping pre-finished galvanized steel (aluminum or stainless steel) in baked polyester paint. Main beams and cross tees shall have rotary stitching (exception: extruded aluminum or stainless steel).
      a. Structural Classification: ASTM C 635 ID.
      b. Color: White and match the actual color of the selected ceiling tile, unless noted otherwise.
   2. Attachment Devices: Size for five times design load indicated in ASTM C 635, Table 1, Direct Hung unless otherwise indicated.
   3. Wire for Hangers and Ties: ASTM A 641, Class 1 zinc coating, soft temper, pre-stretched, with a yield stress load of at least three times design load, but not less than 12 gauge.
4. Edge Moldings and Trim: Metal or extruded aluminum of types and profiles indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations, including light fixtures, that fit type of edge detail and suspension system indicated. Provide moldings with exposed flange of the same width as exposed runner.

5. Accessories

PART 3 - EXECUTION

3.1 EXAMINATION

A. Do not proceed with installation until all wet work such as concrete, terrazzo, plastering and painting has been completed and thoroughly dried out, unless expressly permitted by manufacturer's printed recommendations. (Exception: HumiGuard Max Ceilings)

3.2 PREPARATION

A. Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Avoid use of less than half width units at borders and comply with reflected ceiling plans. Coordinate panel layout with mechanical and electrical fixtures.

B. Coordination: Furnish layouts for preset inserts, clips, and other ceiling anchors whose installation is specified in other sections.

1. Furnish concrete inserts and similar devices to other trades for installation well in advance of time needed for coordination of other work.

3.3 INSTALLATION

A. Install suspension system and panels in accordance with the manufacturer's instructions, and in compliance with ASTM C 636 and with the authorities having jurisdiction.

B. Suspend main beam from overhead construction with hanger wires spaced 4-0 on center along the length of the main runner. Install hanger wires plumb and straight.

C. Install wall moldings at intersection of suspended ceiling and vertical surfaces. Miter corners where wall moldings intersect or install corner caps.

D. For reveal edge panels: Cut and reveal or rabbet edges of ceiling panels at border areas and vertical surfaces. Cut and fit panels neatly against abutting surfaces. Support edges by wall moldings.

E. Install acoustical panels in coordination with suspended system, with edges resting on flanges of main runner and cross tees. Support edges by wall moldings.

3.4 ADJUSTING AND CLEANING

A. Replace damaged and broken panels.

B. Clean exposed surfaces of acoustical ceilings, including trim, edge moldings, and suspension members. Comply with manufacturer's instructions for cleaning and touch up of minor finish damage.

1. Ceiling Touch-Up Paint, (Item #5760, 8oz. bottles) (Item #5761, quart size cans), "global white" latex paint should be used to hide minor scratches and nicks in the surface and to cover field regularized edges that are exposed to view.

C. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

END OF SECTION
SECTION 10 11 00

VISUAL DISPLAY BOARDS

PART 1- GENERAL

1.1 SUMMARY

A. Section Includes:
1. Dry-erase Markerboards (Dual Track Markerboards)
2. Sliding Component Boards (Flexible Component Boards)
3. Aluminum Penshelves
4. Dry-Erase Accessories
5. Manually Operated Vertical Sliding Markerboards (Column Boards)
6. Motorized Protection Screens Provided by Owner and Installed by Contractor.

B. Related Sections:
1. Section 06 10 00 – Rough Carpentry: Wood blocking
2. Section 09 29 00 – Gypsum Board
3. Section 09 72 00 – Wall Coverings
4. Section 09 91 00 – Painting

1.2 SUBMITTALS

A. Product Data: Provide technical data for products specified.

B. Shop Drawings: Provide shop drawings for each type of visual display board specified, including section details indicating trim, face, core and backing materials, wall elevations, dimensions, joint locations between panels exceeding maximum panel length and anchor and installation details.

C. Product Samples: Submit manufacturer’s color chart showing the full range of colors available for the following:
1. Markerboards: Actual sections of porcelain enamel steel finish for each type of markerboard required
2. Component Boards: Actual sections of perforated metal, fabric tackable and Flip Chart boards required
3. Aluminum Trim and Accessories: Samples of each type and color, on 6-inch (150mm) long sections of extrusions and not less than 4-inch (100mm) squares of sheet or plate. Include sample sets showing the full range of color variations expected

D. Contract Closeout Submittals:
1. Maintenance Data: Manufacturer’s cleaning and maintenance instructions covering both routine (daily or weekly) and long term (yearly or longer) operations
2. Warranty: Executed copy of manufacturer’s warranty

1.3 DELIVERY, STORAGE AND HANDLING

A. Storage and Protection:
   1. Store factory framed units vertically with packaging materials between each unit to prevent damage
   2. Store materials in dry areas at temperatures above 55° F

1.4 PROJECT CONDITIONS

A. Field Measurements: Verify field measurements before fabrication to ensure proper fitting. Coordinate fabrication schedule with construction progress to avoid delaying the work. Notify the Architect of any conflicts with other construction such as casework, electrical switches, outlets, clocks, mechanical openings, fire detector devices, etc

B. Environmental Requirements: Install only when the building is enclosed and interior air and substrate temperatures are stable and approximate design conditions

1.5 WARRANTY

A. Porcelain Enamel Writing Surface Warranty: Submit a written warranty executed by the manufacturer agreeing to replace porcelain enamel steel markerboards that do not retain their original writing and erasing qualities, become slick and shiny (if matt surface), or exhibit crazing, cracking or flaking within the specified warranty period, provided the manufacturer’s written instructions for handling, installation, protection and maintenance have been followed
   1. Warranty Period: Lifetime Warranty on CPS Porcelain Markerboard writing surfaces – Minimum 50 years from date of completion

B. Flexible Component Board, Warranty: Submit a written warranty executed by the manufacturer agreeing to replace Noticeboards, Combination Boards, Flexible Component Boards that exhibit manufacturer defect within the specified warranty period, provided the manufacturer’s written instructions for handling, installation, protection, and maintenance have been followed
   1. Warranty Period: Minimum (2) years from date of completion

C. Column Board Warranty: Submit a written warranty executed by the manufacturer agreeing to replace Column Boards that exhibit manufacturer defect within the specified warranty period, provided the manufacturer’s written instructions for handling, installation, protection and maintenance have been followed
   1. Warranty Period: Minimum (2) years from date of completion on mechanical system
PART 2- PRODUCTS

2.1 MANUFACTURERS

A. Basis-of-Design Product: Corona Group VIP Series Visual Presentation Products - Dry-erase Markerboards and Flexible Component Boards:
   Contact: 205-941-1942 - info@coronagroupinc.com
   www.coronagroupinc.com

B. Approved Alternate Manufacturers: Peter Pepper Products, Porcelain Steel Boards, Parallel Series. Egan Visual, Porcelain Steel Boards, Boxcore Stele in conjunction with Multi-Track.

C. Additional alternates must have prior approval. Submit technical information and samples to architect a minimum of 14 days prior to bid date

2.2 MARKERBOARDS

A. VIP SERIES Dual Track Markerboards: Magnetic Dry-erase markerboards for marker pens and magnets, with integral sliding tracks for component boards, and Ball Bearing Concealed Paper Hanger
   1. Finished Surface: CPS Satin Gloss, scratch-resistant, porcelain enamel steel .4 - .6mm thick; fused twice between 1200º - 1600º F
   2. Core/ Substrate:
      a. 7/16" Medium Density Fiberboard (MDF) laminated to face steel for single piece boards up to 16'
   3. Backing: Foil, laminated to core/substrate
   4. Sizes: As indicated in Drawings
   5. Frame Profile: Manufacturer’s standard
   6. Top and Bottom Frames: Natural anodized extruded aluminum, 2mm thick, and 60mm high x 20mm/40mm deep. Rail shall be slotted to accept concealed mounting hardware and ship complete with mounting hardware
   7. Sliding Tracks: Integral and concealed for hanging flexible boards; flip charts, noticeboards and perforated metal magnetic boards consistent with VIP Series Design and Specifications
      a. Top frame for Dual Track Markerboards shall have two (2) sliding tracks
      c. Top frame for Dual Track Markerboards shall have a concealed chamber to house ball bearings suitable for displaying paper from the top rail
   8. Side Profiles: Natural anodized extruded aluminum 2mm thick, 6mm wide x 20mm deep
   9. Accessories:
      a. Provide one accessory pack for each markerboard.
         Accessory Pack shall include four (4) dry-erase markers, one (1) magnetic felt eraser, one (1) package of ten (10) replacement eraser pads, one (1) package of three (3)
Eximo™ markerboard cleaning pads and one (1) soft drying cloth and twelve (12) round Teflon coated magnets

10. Board Color: Satin Gloss White

11. Frame Finish: Satin Anodized or Powder Coated (TBD)

12. Pen Shelf/Marker Tray: Natural anodized extruded aluminum, 2mm thick, and 70mm high (rear) x 20mm high (front) x 60mm deep. Penshelf docks to bottom rail of markerboard with concealed mounting blocks

2.3 FLEXIBLE COMPONENT BOARDS

A. VIP SERIES Flexible Component Boards: Flip Chart/Magnetic Dry-Erase Markerboard, Fabric Tackable Noticeboard, Perforated Metal Magnetic Board for suspension and sliding on VIP dual top rail wall mounted board

1. Face Sheet: CPS Satin, scratch-resistant, porcelain enamel steel .4 - .6mm thick; fused twice between 1200° - 1600° F on front and back
   Core: 19mm honeycomb core laminated to each face
2. Frame Profile: Manufacturer’s standard
3. Top and Bottom Frames: Natural anodized extruded aluminum, 2mm gauge, and 60mm high x 22.25mm deep. Frame shall be slotted to accept concealed machined corner brackets and hardware. Boards ship complete with mounting sets for suspension and sliding in dual tracks
4. Side Profiles: Natural anodized extruded aluminum 2mm gauge, 6mm wide x 25mm deep
5. Mounting Hardware: Supplied with standard narrow brackets for bi-level presentation systems. Deep brackets available for tri-level presentation systems
6. Factory assembled Integrated/Removable Flip Chart unit 30" w x 51.3"h
7. Factory assembled Flexible Noticeboards (fabric/recycled rubber) 30" w x 51.3"h (select from Mfg. Grade 1 Fabrics)
   Core: Karlite Tackable Substrate
8. Factory assembled Perforated Metal Magnetic Flexible Board 30" w x 51.3" h
   Core: Karlite Tackable Substrate with interlayer

2.4 DUAL COLUMN BOARD UNITS

A. Corona Column Boards: Vertical Sliding Markerboard Unit consisting of two satin anodized or powder coated aluminum columns per side for the two-board system. Markerboard Surface: Magnetic Porcelain Steel Dry-erase markerboards for marker pens and magnets. Boards run smoothly up and down independently of each other. Square frame and full-length aluminum penshelf. The manually operated sliding boards can slide up and down the full height of the columns. Fixed wall mounted markerboard to be installed behind the column board unit.

1. Face Sheet: Marker board: CPS Satin Gloss, scratch-resistant porcelain enamel steel .4 - .6mm thick; fused twice between 1200 and 1600° F
2. Core: 19mm/25.4mm Substrate of Honeycomb Construction
3. Backing: Balanced sheet metal backing
4. Sizes: As indicated in Drawings
5. Frame Profile: Manufacturer’s VIP FLEX PROFILE
6. Columns: Two columns required per sliding board unit 4” D X 4” W X 108” H. When specified as a dual unit attachment brackets are included. The system can be field extended with several columns in front and/or continuously side-by-side with each other.
7. Sliding Board Frames: 6065 Extruded Aluminum, 2mm gauge, 60mmH x 25mmD.
8. Sliding Tracks (integral): All fittings, wires and counter-balance weights are hidden in the columns and calibrated at factory.
9. Full width Aluminum Penshelf on each board to serve as a handle allowing smooth operation from any position along the width of the board.
10. Back Writing Board: Fixed Wall Mounted VIP SERIES Markerboard, to be mounted behind the column board unit - 120” w x 51.3”H with a Dual Track Top Profile including Paper Hanging Ball Bearings.
11. Accessories: Provide one accessory pack for each Column Board system. Accessory Pack shall include four (4) dry-erase markers, one (1) magnetic felt eraser, one (1) package of ten (10) replacement eraser pads, one (1) package of three (3) Eximo™ markerboard cleaning pads and one (1) soft drying cloth, twelve (12) round Teflon coated magnets.
13. Aluminum Finish: Satin Anodized or Powder Coated (TBD)

2.5 FABRICATION

A. Porcelain Enamel steel writing board facing sheet and foil backer sheet shall be laminated to the core material under pressure with manufacturer’s recommended flexible, waterproof adhesive

B. Assembly: Provide factory-assembled writing board units, as required. Writing boards to 16 feet should be factory framed in a single panel and delivered to the job site for installation using concealed fasteners. Boards over 16 feet should be spliced and “field installed” directly to the wall using concealed fastening systems recommended by the manufacturer. Splices should be as follows:
1. Make joints only where total length exceeds maximum length. Fabricate minimum number of joints, balanced around center of board, coordinate with Architect for approval
   a. One Piece length of Markerboard – Maximum of 16’
   b. One Piece length of Top and Bottom Rail (Frame) – Maximum 16’
   c. One Piece length of Rail System/Presentation Rail (Marker-Chalk Tray) – Maximum 16’

2. Provide manufacturer’s standard vertical butt joint system between abutting sections of writing boards accompanied by a
spline of metal to ensure proper alignment – Standard ¼" Side Profile per board

3. Provide manufacturer’s standard mullion trim at joints between writing boards – Maximum 12mm (½") wide H-Profile with finish to match frame

4. Make available seamless concealed splicing kit of parts for field installation upon request

2.6 FINISHES

A. Comply with NAAMM’s “Metal Finishes Manual for Architectural and Metal Products” for recommendations relative to applying and designating finishes

B. Manufacturer’s Standard finishes as designated above

PART 3- EXECUTION

3.1 EXAMINATION

A. Examine wall surfaces, with installer present, for compliance with requirements and other conditions affecting visual display board/rail installation

B. Verify flat wall surfaces for proper board installation; provide concealed shims as necessary within Architect’s acceptable variance. Minimum Level 4 finished wall required by contractor.

C. Do not proceed with installation until unsatisfactory conditions have been corrected

3.2 INSTALLATION

A. Deliver factory built visual display boards/rails, completely assembled in one piece without joints, where possible.

B. Install units in locations and mounting heights as indicated on drawings and according to manufacturer’s written instructions. Keep perimeter lines straight, plumb and level. Provide grounds, clips, backing materials, adhesives, brackets, anchors, trim and accessories necessary for complete installation.

C. Coordinate project site assembled units with grounds, trim and accessories. Join with a neat, precision fit.

3.3 CLEANING

A. Clean units according to manufacturer’s written instructions.
B. Cover surface of all units with protective cover taped to frame.

C. Remove protective cover and tape on date of Substantial Completion.

END OF SECTION
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SECTION 10 21 23
CUBICLE CURTAINS

PART 1 GENERAL

1.01 SUMMARY
   A. Cubicle Curtains
   B. Applicable provisions found in the Bid / Contract Requirements and Division 1, General Requirements apply to the Work under this Section

1.02 SECTION INCLUDES
   A. Curtains for nursing labs and health services spaces as indicated on the drawings.

1.03 REFERENCES
   A. National Fire Protection Association (NFPA)

1.04 SYSTEM DESCRIPTION
   A. Performance Requirements: Provide curtains that conform to the following requirements of regulatory agencies and the quality control of the manufacturer.
   B. Fire Performance Characteristics: Provide curtains that are fire retardant or fire resistant.

1.05 SUBMITTALS
   A. Product Data: Manufacturer's printed product data for each type of curtain specified.
   C. Manufacturer's Care Instructions: Printed care instructions for each curtain.

1.06 DELIVERY, STORAGE AND HANDLING
   A. Deliver materials in unopened factory packaging to the jobsite.
   B. Inspect materials at delivery to assure that specified products have been received.
   C. Store in original packaging in a climate-controlled location away from direct sunlight.

1.07 PROJECT CONDITIONS
   A. Environmental Requirements: Products must be installed in an interior climate-controlled environment.

1.08 WARRANTY
   A. Manufacturer's Standard Limited Lifetime Warranty against material and manufacturing defects.
PART 2 PRODUCTS

2.01 MANUFACTURER

A. Basis of Design: Brite, Inc. Company, Internet address: www.briteinc.com

B. Other acceptable manufacturers are:
   - C-S Group
   - Goelst

C. Provide all privacy curtains from a single source.

2.02 MATERIALS

A. Privacy Curtain
   1. Fabric: Provide 100% polyester curtains. Fabric is to be opaque, washable, flame retardant and closely woven.
   2. Open Mesh Cloth: Provide curtain heading of open weave nylon mesh material with 1/2" holes to permit air and steam circulation. Mesh is to be flame retardant, washable and dry-cleanable.

2.03 FINISH AND COLOR

A. Privacy Curtain Fabric: Select solid or patterned fabric from manufacturer's standard selection.

B. Open Mesh Cloth: Provide curtain heading of mesh material in a color selected from manufacturer's standard selection.

2.04 CURTAIN FABRICATION

A. Curtain Width: Manufacture curtains of one piece, sized to 10 percent wider than the track length but no less than 1-foot extra fullness.

B. Curtain Height: Top of curtain shall be field verified and as illustrated on Sheet A702.

C. Curtain Heading: Manufacture with heading of open mesh cloth from top of curtain to track, to the same width as the curtain fabric. Coordinate height with ceiling heights in each space. Include 4-ounce nickel-plated grommets, 6" on center for carriers.

D. Seams at Privacy Curtain: Bottom hem shall be double-fold and 1 1/4" wide. Curtains shall be seamless if possible or lock stitch seams in two rows. Turn seam edges and lock stitch. Sewing thread to be triple ply twisted nylon.

PART 3 EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions in which privacy tracking system will be installed. Do not proceed if unsatisfactory conditions are present.

B. Complete all finishing operations, including painting, before beginning installation of privacy tracking system materials.
C. Verify that surfaces and above ceiling supports are ready to receive work.

3.02 PREPARATION

A. General: Prior to installation, clean substrate to remove dust, debris and loose particles.

3.03 INSTALLATION

A. General: Locate the privacy track as indicated on the approved detail drawing for the appropriate substrate and in compliance with the manufacturer's installation instructions.

B. Installation of Privacy Tracking Systems:
   1. Install privacy track, secure, rigid, and true to ceiling line.
   2. Slide carriers onto the track.
   3. Install end cap or stop device.
   4. Secure or suspend track to ceiling system. Install with mechanical fasteners or Gridclips.
   5. Install curtains on carriers ensuring smooth operation.

3.04 CLEANING

A. At completion of the installation, remove any debris and clean surfaces in accordance with the manufacturer's clean-up and maintenance instructions.

END OF SECTION
SECTION 10 21 25
CUBICLE TRACK AND ACCESSORIES

PART 1 GENERAL

1.01 SUMMARY

A. Cubicle Tracking Systems for use in the nursing school labs and in the Health Services spaces as indicated on the drawings.

B. Applicable provisions found in the Bid / Contract Requirements and Division 1, General Requirements apply to the Work under this Section.

1.02 SECTION INCLUDES

A. Overhead metal & plastic curtain track and guides

B. Track accessories and attachments

1.03 SUBMITTALS

A. Product Data: Manufacturer's printed product data for each type of cubicle tracking system specified.

B. Detail Drawings: Mounting details with the appropriate fasteners for specific project substrates.

C. Samples: Verification samples of cubicle track, 4" (102mm) long, in full size, with carriers and end cap.

D. Manufacturer's Installation Instruction: Printed installation instructions for each cubicle tracking system.

1.04 DELIVERY, STORAGE AND HANDLING

A. Deliver materials in unopened factory packaging to the jobsite.

B. Inspect materials at delivery to assure that specified products have been received.

C. Store in original packaging in a climate controlled location away from direct sunlight.

1.05 PROJECT CONDITIONS

A. Environmental Requirements: Products must be installed in an interior climate controlled environment.

1.06 WARRANTY

A. Provide standard Manufacturer’s Lifetime Warranty against material and manufacturing defects.

PART 2 PRODUCTS

2.01 MANUFACTURER
A. Basis of Design: Clickeze, InPro Corporation, PO Box 406 Muskego, WI 53150 USA;
   Telephone: 800-222-5556, Fax: 888-715-8407, Internet address: www.inprocorp.com
   Other acceptable manufacturers are:

   1. Imperial Fasteners
   2. Construction Specialities- General Cubicle Company, Inc.

B. Provide all cubicle tracking systems from a single source.

2.02 TREACK MATERIALS

A. Cubicle Tracking System to be ULTRA CUBE, heavy duty extruded aluminum cubicle track with white baked acrylic enamel finish. Dimensions: height 1 1/8" (29mm), width 1 1/4" (32mm).

B. Refer to Sections 01 33 00 and 01 81 13 for LEED submittal requirements including “LEED Submittal Form”.

2.03 TRACK COMPONENTS

A. Track Attachment: Provide appropriate attachment accessories as required for ceiling grid members.

   1. Tegular Gridclip: Tegular edge grid clip; CE9271 - standard, CE9273 - swivel, CE9275 - suspended support set.

B. Track Splice: To fit track section, with finish matching that of the track.

C. Locking Switch Unit: Provide switch, to splice fit with track section. Switch includes a spring action shuttle with two pull chains.

D. Safety Loading Unit: Provide loading unit to splice fit with track section. Unit shall include durable hinge, locking mechanism and wand operation.

E. Curtain Carriers: Provide carriers with non-binding nylon roller to accurately fit track. Carriers to be fitted to curtain to prevent accidental curtain removal. 2.2 carriers per lineal foot of track length, plus one extra carrier.

F. Drapery Wand: Provide 48" (609mm) long wand to move curtain.

PART 3 EXECUTION

3.01 Examination

A. Examine areas and conditions in which the cubicle tracking systems will be installed.
   1. Complete all finishing operations, including painting, before beginning installation of cubicle tracking system materials.
   2. Verify that surfaces and above ceiling supports are ready to receive work.

3.02 PREPARATION
A. General: Prior to installation, clean substrate to remove dust, debris and loose particles.

3.03 INSTALLATION

A. General: Locate the cubicle track as indicated on the approved detail drawing for the appropriate substrate and in compliance with the IPC installation instructions.

B. Installation of Cubicle Tracking Systems:
   1. Install cubicle track, secure and rigid, and true to ceiling line.
   2. Slide carriers onto the track.
   3. Install end cap or stop device.
   4. Secure or suspend track to ceiling system. Install with mechanical fasteners or gridclips.
   5. Install curtains on carriers ensuring smooth operation.

3.04 CLEANING

A. At completion of the installation, remove any debris and clean surfaces in accordance with the manufacturer’s clean up and maintenance instructions.

END OF SECTION
SECTION 10 44 00
FIRE PROTECTION SPECIALTIES

PART 1  GENERAL

1.01  SECTION INCLUDES
   A. Fire extinguishers.
   B. Fire extinguisher cabinets.
   C. Accessories.

1.02  RELATED REQUIREMENTS
   A. Section 06 10 00 - Rough Carpentry: Wood blocking product and execution requirements.

1.03  REFERENCE STANDARDS

1.04  SUBMITTALS
   A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
   B. Shop Drawings: Indicate locations of cabinets and cabinet physical dimensions.
   C. Product Data: Provide extinguisher operational features.
   D. Manufacturer's Installation Instructions: Indicate special criteria and wall opening coordination requirements.
   E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.

1.05  FIELD CONDITIONS
   A. Do not install extinguishers when ambient temperature may cause freezing of extinguisher ingredients.

PART 2  PRODUCTS

2.01  MANUFACTURERS
   A. Fire Extinguishers:
      5. Strike First Corporation of America; ABC-Seamless Steel Fire Extinguisher: www.strikefirstusa.com/#sle.
      6. Substitutions: See Section 01 25 13 - Product Substitution Procedures
B.  Fire Extinguisher Cabinets and Accessories:
   1.  Activar Construction Products Group, Inc. - JL Industries; Ambassador Series:  
       www.activarcpg.com/#sle.

2.02 FIRE EXTINGUISHERS
   A.  Fire Extinguishers - General:  Comply with product requirements of NFPA 10 and applicable  
       codes, whichever is more stringent.

   B.  FE-36 Clean Agent Type Fire Extinguishers:  Stainless steel tank, with pressure gauge.  
       2.  Size:  10 pound.
       3.  Finish:  Baked polyester powder coat, color as selected.

2.03 FIRE EXTINGUISHER CABINETS
   A.  Fire Rating:  Listed and labeled in accordance with ASTM E814 requirements for fire  
       resistance rating of walls where being installed.

   B.  Fire Rated Cabinet Construction:  same as wall installed in.

   C.  Metal:  Formed stainless steel sheet; 0.036 inch thick base metal.

   D.  Cabinet Configuration:  Semi-recessed type.  
       1.  Size to accommodate accessories.
       2.  Trim:  Flat rolled edge, with 2 1/2 inch wide face.  
       3.  Projected Trim:  Returned to wall surface, with 4 inch projection, and 2 1/2 inch wide face.

   E.  Door:  0.036 inch metal thickness, reinforced for flatness and rigidity with nylon catch.  Hinge  
       doors for 180 degree opening with two butt hinge.

   F.  Door Glazing:  Tempered glass, clear, 1/8 inch thick, and set in resilient channel glazing  
       gasket.

   G.  Cabinet Mounting Hardware:  Appropriate to cabinet, with pre-drilled holes for placement of  
       anchors.

   H.  Finish of Cabinet Exterior Trim and Door:  No. 4 - Brushed stainless steel.

   I.  Finish of Cabinet Interior:  White colored enamel.
PART 3 EXECUTION

3.01 EXAMINATION
   A. Verify existing conditions before starting work.
   B. Verify rough openings for cabinet are correctly sized and located.

3.02 INSTALLATION
   A. Install in accordance with manufacturer's instructions.
   B. Install cabinets plumb and level in wall openings, 48 inches from finished floor to centerline of operable latch.
   C. Secure rigidly in place.
   D. Place extinguishers in cabinets.

END OF SECTION
### Finish Notes

1. All interior finishes shall comply with Chapter 8 of the 2012 International Building Code and ANSI A117.3, 2012.
2. All interior wall & ceiling materials shall be CMU.
3. All lamps shall be Class IV.
4. Select the finishes specified for all finish destinations, including but not limited to floor patterns, accent wall paint, wallcovering, and column guard
5. All lamps shall be Class IV.
6. Provide LED bulbs for all finish destinations, including but not limited to floor patterns, accent wall paint, wallcovering, and column guard.
7. All lamps shall be Class IV.
8. Wood grain laminate shall be installed with the grain running in the vertical direction, unless otherwise noted.
9. Select a finish or schedule finish plans. All exposed walls to be painted in white.
10. Refer to reflected ceiling plans for ceiling details.

#### Schedule & Notes

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<th>Location</th>
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</table>

**Note:**
- All lamps shall be Class IV.
- Wood grain laminate shall be installed with the grain running in the vertical direction, unless otherwise noted.
- Select a finish or schedule finish plans. All exposed walls to be painted in white.
- Refer to reflected ceiling plans for ceiling details.
ARRANGE WITH G.C. TO PAINT ANY EXPOSED TELECOMMUNICATIONS CONDUIT.

ETSU ITS WILL REMOVE AND REINSTALL EXISTING AV AND IT ACTIVE VIDEO DEVICES.

ADDENDUM #3

"AC" BY DEVICE INDICATES DEVICE TO BE MOUNTED ABOVE COUNTER SUCH AS WATER COOLER, REFRIGERATOR, DEEP FREEZE, ETC. THE DIVISION 27 CONTRACTOR SHALL REMOVE ALL STRUCTURED NETWORK COMMUNICATIONS CABLES AND HARDWARE RELATED TO SUCH USE.

E.C. SHALL PROVIDE CONDUIT/BOX ROUGH OUTLINE FOR EACH RACK LOCATION. IF RACK IS MOUNTED ON WALL, PROVIDE THREE 2" CONDUITS STUBBED INTO CEILING FOR RACK CABLES. IF RACK IS MOUNTED ON FLOOR, PROVIDE THREE 2" CONDUITS STUBBED INTO FLOOR FOR RACK CABLES. PROVIDE DEDICATED 120 VOLT, 20 AMPERE CIRCUIT FROM LOCAL COMMUNICATIONS ROOM TO SERVE THE NEW CONTROLLER UNIT FOR THIS LOW VOLT, 20 AMPERE CIRCUIT FROM LOCAL COMMUNICATIONS ROOM.

GROUND FLOOR PLAN

3/4/2021

ALL HORIZONTAL CABLING DROPS TO THIS FLOOR SHALL BE SERVED FROM THE CORRIDOR. SEE DETAILS ON DRAWING T2.2 FOR ADDITIONAL INFORMATION.

LOCATION SHOWN.

NOTE #J SEE NOTE "L"
REFER TO ENLARGED TELECOMMUNICATIONS ROOM PLANS ON DRAWING T2.1

- "RP" BY W
- MAIN LEVEL PLAN

IN AREAS NOTED, REMOVE EXISTING TELECOMMUNICATIONS WIRING AND
IN AREA NOTED, EXISTING STRUCTURED CABLING DROPS, WALL PLATES, RECESSED OUTLET BOXES ON OPPOSITE SIDES OF FIRE RATED PARTITIONS

NEW 2 HR FIRE BARRIER (ASSEMBLY VARIES)
NEW 1 HR FIRE BARRIER (ASSEMBLY VARIES)
HR SMOKE BARRIERS

1/8" = 1'

OFFICE 112e
110e
110e
LAB
LAB

STORAGE

STAIR
SIMULATION
STAIR
109e

RESTROOM

CLASSROOM
124e
124e
122e
106e
VESTIBULE
108
108
104e
104e
104e
104e

SUPPLY ROOM

126

COMM. RM
COMM. RM
COMM. RM

WORK ROOM

123e
123e
123e
122e
122e
122e
122e

1

RECEPTION
STUDENT

129

128

TV(1)

2"

4"

NOTE #1

NOTE #2

NOTE #3

NOTE #4

NOTE #5

NOTE #6

CAMERAS, TVS, WI
FI, ETC. MUST BE REMOVED BY ETSU

LABELING ALL EXISTING TO REMAIN DATA OUTLETS (WALL JACKS,
FI ACCESS POINT TO REPLACE EXISTING 2"
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Asbestos Abatement Plan - Miscellaneous & Plaster Materials

- ACM DOOR CAULK TO BE REMOVED
- ACM DOOR CAULK AND ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED
- ACM PLASTER/TEXTURE WALL TO BE REMOVED. FOR LOCATIONS WITH PARTIAL WALL ABATEMENT, COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
- ACM DOOR CAULK AND PLASTER/TEXTURE WALL TO BE REMOVED, REMOVE PLASTER WALL AS NECESSARY FOR DEMOLITION OF DOOR FRAME, COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
- ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED

NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.

EXTERIOR DEMOLITION NOTES
1. DEMOLITION IS TO BE COMPLETED IN PHASES TO MINIMIZE DISTURBANCE.
2. CLEAR ALL ELECTRICAL DUCTS AND CONDUITS BEFORE DEMOLITION.
3. COMPLETE ALL BURNT, CHIMNEY, WOOD, AND BRICKWORK BEFORE ABATEMENT.
4. COMPLETE ALL BURNT, WASTE, ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
5. COMPLETE ALL BURNT, ASPHALT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
6. COMPLETE ALL BURNT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
7. COMPLETE ALL BURNT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
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10. COMPLETE ALL BURNT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
11. COMPLETE ALL BURNT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
12. COMPLETE ALL BURNT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.

DEMOLITION NOTE LEGEND
- ACM DOOR CAULK AND PLASTER/TEXTURE WALL TO BE REMOVED. FOR LOCATIONS WITH PARTIAL WALL ABATEMENT, COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
- ACM DOOR CAULK AND PLASTER/TEXTURE WALL TO BE REMOVED, REMOVE PLASTER WALL AS NECESSARY FOR DEMOLITION OF DOOR FRAME, COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
- ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED

EXTERIOR DEMOLITION NOTES
1. DEMOLITION IS TO BE COMPLETED IN PHASES TO MINIMIZE DISTURBANCE.
2. CLEAR ALL ELECTRICAL DUCTS AND CONDUITS BEFORE DEMOLITION.
3. COMPLETE ALL BURNT, CHIMNEY, WOOD, AND BRICKWORK BEFORE ABATEMENT.
4. COMPLETE ALL BURNT, WASTE, ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
5. COMPLETE ALL BURNT, ASPHALT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
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12. COMPLETE ALL BURNT, OR ASBESTOS CONTENT TO BE REMOVED FROM OVEN, STOVE, OR FRIDGE.
Asbestos Abatement Plan - Miscellaneous & Plaster Materials

- ACM DOOR CAULK TO BE REMOVED
- ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED
- ACM DOOR CAULK AND ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED
- ACM INTERIOR WINDOW CAULK TO BE REMOVED
- ACM BROWN COVE BASE MASTIC ON PLASTER OR CONCRETE BLOCK WALLS TO BE REMOVED
- ACM PLASTER/TEXTURE WALL TO BE REMOVED. FOR LOCATIONS WITH PARTIAL WALL ABATEMENT, COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
- ACM DOOR CAULK AND PLASTER/TEXTURE WALL TO BE REMOVED. REMOVE PLASTER WALL AS NECESSARY FOR DOOR FRAME. COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
- ACM EXTERIOR EXPANSION JOINT CAULK TO BE REMOVED
- ACM SINK UNDERCOAT TO BE REMOVED

Interior Demolition Notes:
- ACM DOOR CAULK AND PLASTER/TEXTURE WALL TO BE REMOVED. REMOVE PLASTER WALL AS NECESSARY FOR DOOR FRAME. COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
- ACM INTERIOR WINDOW CAULK TO BE REMOVED.
- ACM SINK UNDERCOAT TO BE REMOVED.

Exterior Demolition Notes:
- ACM DOOR CAULK TO BE REMOVED
- ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED
- ACM DOOR CAULK AND ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED
- ACM INTERIOR WINDOW CAULK TO BE REMOVED
NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.

Asbestos Abatement Plan - Miscellaneous & Plaster Materials

- Assumed ACM fire door insulation to be removed
- ACM door caulk and assumed ACM fire door insulation to be removed
- ACM interior window caulk to be removed
- ACM sink undercoat to be removed
- ACM exterior expansion joint caulk to be removed
- ACM brown cove base mastic on plaster or concrete block walls to be removed
- ACM door caulk and plaster/texture wall to be removed, remove plaster wall as necessary for demolition of door frame. Coordinate with GC to verify extent of removal.
- ACM plaster/texture wall and brown cove base mastic to be removed. For locations with partial wall abatement, coordinate with GC to verify extent of removal.
- ACM door caulk to be removed

Asbestos Abatement Plan - Exterior Demolition Notes

1. Confirm that all doors and window frames are removed. Confirm with GC.
2. Lock all windows and doors in place. Confirm with GC.
3. Remove all hardware (aluminum, wood, concrete, etc.) and fixings. Confirm with GC.
4. Prior to reinstallation, all metal and wood window and door frames must be checked for asbestos. Confirm with GC.
5. Complete all demolition before new plaster is applied. Confirm with GC.
6. Coordination between GC and subcontractors is required. Confirm with GC.
7. All debris must be removed. Confirm with GC.

Asbestos Abatement Plan - Interior Demolition Notes

- Remove all asbestos-containing materials prior to demolition of new plaster wall penetrations. Confirm with GC.
- Ensure all asbestos-containing materials are removed prior to reinstallation. Confirm with GC.
- Confirm that all asbestos-containing materials are removed prior to reinstallation of new plaster wall penetrations. Confirm with GC.
- Ensure that all asbestos-containing materials are removed prior to reinstallation of new plaster wall penetrations. Confirm with GC.
NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.

Asbestos Abatement Plan - Miscellaneous & Plaster Materials

- ACM DOOR CAULK TO BE REMOVED
- ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED
- ACM INTERIOR WINDOW CAULK TO BE REMOVED
- ACM EXTERIOR EXPANSION JOINT CAULK TO BE REMOVED
- ACM BROWN COVE BASE MASTIC ON PLASTER OR CONCRETE BLOCK WALLS TO BE REMOVED
- ACM DOOR CAULK AND PLASTER WALL TO BE REMOVED, REMOVE PLASTER WALL AS NECESSARY FOR DEMOLITION OF DOOR FRAME, COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL
- ACM PLASTER/TEXTURE WALL AND BROWN COVE BASE MASTIC TO BE REMOVED. FOR LOCATIONS WITH PARTIAL WALL ABATEMENT, COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.

NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.
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Asbestos Abatement Plan - Miscellaneous & Plaster Materials

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- ACM DOOR CAULK AND ASSUMED ACM FIRE DOOR INSULATION TO BE REMOVED
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- ACM EXTERIOR EXPANSION JOINT CAULK TO BE REMOVED
- ACM BROWN COVE BASE MASTIC ON PLASTER OR CONCRETE BLOCK WALLS TO BE REMOVED

- ACM DOOR CAULK AND PLASTER WALL TO BE REMOVED, REMOVE PLASTER WALL AS NECESSARY FOR DEMOLITION OF DOOR FRAME. COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.

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- ACM EXTERIOR EXPANSION JOINT CAULK TO BE REMOVED
- ACM BROWN COVE BASE MASTIC ON PLASTER OR CONCRETE BLOCK WALLS TO BE REMOVED

- ACM DOOR CAULK AND PLASTER WALL TO BE REMOVED, REMOVE PLASTER WALL AS NECESSARY FOR DEMOLITION OF DOOR FRAME. COORDINATE WITH GC TO VERIFY EXTENT OF REMOVAL.
Asbestos Abatement Plan - Vinyl Floor Tile and Mastic

ADM VINYL FLOOR TILE AND MASTIC BENEATH CARPET TO BE REMOVED
Asbestos Abatement Plan - Miscellaneous & Plaster Materials

ACM VINYL FLOOR TILE AND MASTIC BENEATH CARPET TO BE REMOVED

ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED
Asbestos Abatement Plan - Miscellaneous & Plaster Materials

1. ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED
2. ACM VINYL FLOOR TILE AND MASTIC BENEATH CARPET TO BE REMOVED
3. ACM VINYL FLOOR TILE AND MASTIC BENEATH NON-ACM FLOOR TILE AND MASTIC TO BE REMOVED
4. ACM VINYL FLOOR TILE AND MASTIC BENEATH NON-ACM LINOLEUM TO BE REMOVED

EXTERIOR DEMOLITION NOTES
1. DEMOLISH ALL EXISTING DECKS AND REPLACE WITH CLEAR WOOD DECKING.
2. DEMOLISH PREVIOUSLY EXISTING METAL DECKING.
3. DEMOLISH EXISTING METAL DECKING.
4. DEMOLISH ALL EXISTING MASONRY WALLS AND REPLACE WITH EXTERIOR STUCCO.
5. DEMOLISH ALL EXISTING MASONRY WALLS AND REPLACE WITH EXTERIOR STUCCO.
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41. DEMOLISH ALL EXISTING MASONRY WALLS AND REPLACE WITH EXTERIOR STUCCO.
Asbestos Abatement Plan - Miscellaneous & Plaster Materials

- ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED
- ACM VINYL FLOOR TILE AND MASTIC BENEATH CARPET TO BE REMOVED

**EXTERIOR DEMOLITION NOTES**

1. **ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED**
2. **ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED**

**INTERIOR DEMOLITION NOTES**

1. **NOTE TO CONSTRUCTION PERSONNEL**
   - **ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED**
   - **ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED**

**DEMOLITION NOTE LEGEND**

- **ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED**
- **ACM VINYL FLOOR TILE AND MASTIC BENEATH CARPET TO BE REMOVED**
Asbestos Abatement Plan - Miscellaneous & Plaster Materials

- ACM VINYL FLOOR TILE AND MASTIC TO BE REMOVED
- ACM VINYL FLOOR TILE AND MASTIC BENEATH CARPET TO BE REMOVED
ACM HARD-PACK PIPE & ASSOCIATED PIPE JOINT INSULATION ON HYDRONIC PIPING TO BE REMOVED AS NECESSARY TO CAP PIPING ASSOCIATED WITH FAN COIL REMOVAL. NOTE: EXTENT OF REMOVAL TO BE COORDINATED WITH GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR. HYDRONIC PIPING IN THIS AREA IS TO REMAIN.

ACM TANK INSULATION, HARD-PACK PIPE & ASSOCIATED PIPE JOINT INSULATION AND HARD-PACK PIPE JOINT INSULATION ON FIBERGLASS INSULATED PIPES. ALL ACM INSULATION IN MECHANICAL ROOM IS SCHEDULED FOR REMOVAL.

NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.
ACM Hard-Pack Pipe & Associated Pipe Joint Insulation on Hydronic Piping to be removed as necessary to cap piping associated with Fan Coil removal. Note: Extent of removal to be coordinated with General Contractor and Mechanical Contractor. Hydronic piping in this area is to remain.

ACM Hard-Pack Pipe & Pipe Joint Insulation, Hard-Pack Pipe Joint on Fiberglass Insulated Pipes, Black Mastic on Stinkrock Pipe Insulation to be removed. All ACM pipe insulation and mastic in this area is scheduled for removal.

ACM Hard-Pack Pipe & Pipe Joint Insulation, Hard-Pack Pipe Joints on Fiberglass Insulated Pipes, AirCell Pipe Insulation and Black Mastic on Duct Tape and Insulation to be removed. All ACM insulation in this area is scheduled for removal.

Note: ACM pipe insulation is presumed present in wall cavities/pipe chases associated with restrooms.

ACM White Cloth Duct Expansion Joint to be removed.

Note: Asbestos is presumed present in all plaster walls to remain in the North Wing. Disturbance/Removal of plaster for installation of new plaster wall penetrations is to be performed by the abatement contractor. Coordinate with General Contractor to identify location of new plaster wall penetrations and verify extent of plaster removal.
ACM HARD-PACK PIPE & ASSOCIATED PIPE JOINT INSULATION ON HYDRONIC PIPING TO BE REMOVED AS NECESSARY TO CAP PIPING ASSOCIATED WITH FAN COIL REMOVAL. NOTE: EXTENT OF REMOVAL TO BE COORDINATED WITH GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR. HYDRONIC PIPING IN THIS AREA IS TO REMAIN.

ACM HARD-PACK PIPE & PIPE JOINT INSULATION, HARD-PACK PIPE JOINT ON FIBERGLASS INSULATED PIPES AND BLACK MASTIC ON STICKROCK PIPE INSULATION TO BE REMOVED. ALL ACM PIPE INSULATION AND PIPE MASTIC IN THIS AREA IS SCHEDULED FOR REMOVAL. NOTE: ACM PIPE INSULATION IS PRESUMED PRESENT IN WALL CAVITIES/PIPE CHASES ASSOCIATED WITH RESTROOMS.

ACM BLACK MASTIC ON DUCT TAPE AND INSULATION AND HARD-PACK PIPE JOINTS ON FIBERGLASS INSULATED PIPES TO BE REMOVED. ALL ACM DUCT MASTIC AND PIPE INSULATION IN THIS AREA IS SCHEDULE FOR REMOVAL.

NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.
ACM HARD-PACK PIPE & ASSOCIATED PIPE JOINT INSULATION ON HYDRONIC PIPING TO BE REMOVED AS NECESSARY TO CAP PIPING ASSOCIATED WITH FAN COIL REMOVAL. NOTE: EXTENT OF REMOVAL TO BE COORDINATED WITH GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR. HYDRONIC PIPING IN THIS AREA IS TO REMAIN.

ACM HARD-PACK PIPE & PIPE JOINT INSULATION, HARD-PACK PIPE JOINT ON FIBERGLASS INSULATED PIPES AND BLACK MASTIC ON STINKROCK PIPE INSULATION TO BE REMOVED. ALL ACM PIPE INSULATION AND MASTIC IN THIS AREA IS SCHEDULED FOR REMOVAL. NOTE: ACM PIPE INSULATION IS PRESUMED PRESENT IN WALL CAVITIES/PIPE CHASES ASSOCIATED WITH RESTROOMS.

ACM BLACK MASTIC ON DUCT TAPE AND INSULATION AND BLACK MASTIC ON STINKROCK PIPE INSULATION TO BE REMOVED. ALL ACM DUCT MASTIC AND PIPE MASTIC ON STINKROCK INSULATION IN THIS AREA IS SCHEDULED FOR REMOVAL.

NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.
ACM HARD-PACK PIPE & ASSOCIATED PIPE JOINT INSULATION ON HYDRONIC PIPING TO BE REMOVED AS NECESSARY TO CAP PIPING ASSOCIATED WITH FAN COIL REMOVAL. NOTE: EXTENT OF REMOVAL TO BE COORDINATED WITH GENERAL CONTRACTOR AND MECHANICAL CONTRACTOR. HYDRONIC PIPING IN THIS AREA IS TO REMAIN.

ACM HARD-PACK PIPE & PIPE JOINT INSULATION, HARD-PACK PIPE JOINT ON FIBERGLASS INSULATED PIPES AND BLACK MASTIC ON STICKROCK PIPE INSULATION TO BE REMOVED. ALL ACM PIPE INSULATION AND MASTIC IN THIS AREA IS SCHEDULED FOR REMOVAL. NOTE: ACM PIPE INSULATION IS PRESUMED PRESENT IN WALL CAVITIES/PIPE CHASES ASSOCIATED WITH RESTROOMS.

ACM BLACK MASTIC ON DUCT TAPE AND INSULATION TO BE REMOVED. ALL ACM DUCT MASTIC IN THIS AREA IS SCHEDULE FOR REMOVAL.

NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.
ACM BLACK MASTIC ON DUCT TAPE AND INSULATION TO BE REMOVED. ALL ACM DUCT MASTIC IN THIS AREA IS SCHEDULE FOR REMOVAL.

NOTE: ASBESTOS IS PRESUMED PRESENT IN ALL PLASTER WALLS TO REMAIN IN THE NORTH WING. DISTURBANCE/REMOVAL OF PLASTER FOR INSTALLATION OF NEW PLASTER WALL PENETRATIONS IS TO BE PERFORMED BY THE ABATEMENT CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR TO IDENTIFY LOCATION OF NEW PLASTER WALL PENETRATIONS AND VERIFY EXTENT OF PLASTER REMOVAL.