

SECTION 011000 - SUMMARY

- PART 1 - GENERAL SUMMARY
1.1 This Section includes the following:
1. Work covered by the Contract Documents.
2. Specification formats and conventions.
1.2 WORK COVERED BY CONTRACT DOCUMENTS
A. Project Identification: Roof Renovation: Heritage Hall (2023-006)
1. Project Location: 169 East Church Street, Marion, OH 43302
B. Owner: Marion County Historical Society
Owner's Representative: Brandi Wilson
169 East Church Street
Marion, OH 43302
Phone: 740-387-4255
Email: mchs@marionhistory.com
C. Architect: Omness Design, Inc.
140 Fairfax Road
Marion, OH 43302
Architect's Representative: Andrew Burk
Phone: 614-964-1641
Email: aburk@rhythm-arch.com
D. The Work consists of the following:
1. The exterior renovation of an existing roof and interior renovation of an existing skylight, no change of use.
E. Project will be constructed under a single prime contract
1.3 SPECIFICATION FORMATS AND CONVENTIONS
A. Specification Format: The Specifications are organized into Divisions and Sections using the CSI/CES's 2012 "MasterFormat" division numbering system.
1. Division 01 - Sections in Division 01 govern the execution of the Work of all Sections in the Specifications.

- PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION (Not Used)
END OF SECTION 011000

SECTION 012300 - ALTERNATES

- PART 1 - GENERAL SUMMARY
A. Section includes administrative and procedural requirements for alternates.
1.2 DEFINITIONS
A. RF: Request from Owner, Architect, Engineer or Contractor seeking information from each other during construction
1.3 DEFINITIONS
A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the base bid amount if The University decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
1. Alternates described in this Section are part of the Work only if enumerated in the Agreement
2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum
1.4 PROCEDURES
A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
C. Execute accepted alternates under the same conditions as other work of the Contract.
D. Schedule: A schedule of alternates is included at the end of this Section.

- PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION
3.1 SCHEDULE OF ALTERNATES
A. Base Bid: Tear off existing single-ply membrane roof.
B. Alternate A: Remove existing clay tile roof, wood battens and underlayment; install new underlayment, battens and reinstall existing tiles, replacing any damaged or missing tiles.
C. Alternate B: Repair and clean skylight.
D. Alternate C: Repair of chimney as described in the drawings.
END OF SECTION 012300

SECTION 013100 - PROJECT MANAGEMENT AND COORDINATION

- PART 1 - GENERAL SUMMARY
A. Section includes administrative provisions for coordinating construction operations on Project including, but not limited to, the following.
1. Coordination drawings
2. Requests for Information (RFIs)
3. Project meetings
4. Construction Schedule
5. Submittal Procedures
1.2 DEFINITIONS
A. RF: Request from Owner, Architect, Engineer or Contractor seeking information from each other during construction
1.3 COORDINATION
A. Coordination: Coordinate construction operations included in different Sections of the Specifications to ensure efficient and orderly installation of each part of the Work as well as related and/or affected Work.
B. Coordination Drawings: Prepare coordination drawings in accordance with requirements in individual Sections, where installation is not completely shown on Shop Drawings, where limited space availability necessitates coordination, or if coordination is required to facilitate integration of products and materials fabricated or installed by more than one entity.
C. Requests for Information: Immediately on discovery of the need for additional information or interpretation of the Contract Documents, Contractor shall prepare and submit an RFI to the A/E team.
1.4 PROJECT MEETINGS
A. Preconstruction Meeting: The Contractor will schedule and furnish the agenda for a preconstruction meeting after award of contract; attendance will be required for the A/E and successful bidders. Among items to be discussed are provisions specified in this division of the specifications.
B. Progress Meetings: The Contractor shall schedule a weekly job progress meeting with other prime contractors and major subcontractors and shall notify the A/E of the time and place of the meeting. Subsequent meetings shall be held on the same day and hour of the week for the duration of the construction period; except, upon instructions of the A/E, the scheduled meetings may be increased or decreased as required by the progress of the work. Notes shall be taken by the Contractor on discussions and decisions made at each meeting. Typed copies of the notes shall be distributed to all concerned parties.
1.5 CONSTRUCTION SCHEDULE
A. Construction Schedule: The final schedule, bearing the approval signature of all prime contractors, shall be submitted to the Architect. Following approval by the Owner, copies of the final schedule shall be distributed to all interested parties. Tentative dates for interruption of utility services shall be incorporated.
1.6 SUBMITTAL PROCEDURES
A. Shop Drawings, Product Information, reports, etc shall be submitted as requested within the construction documents
1. Format: requested shop drawings and product information shall be submitted as PDF electronic files to the Architect via email or other means agreed upon by the project team. Submittals shall be bound into one PDF document for each item being submitted.
2. File Name: The file name shall include the project number, specification section number & name (Example: 160318-072100-Thermal Insulation.pdf)
3. All submittals must bear the Contractor's review and approval stamp.
4. Processing Time: Allow 10 days for review of each submittal

- 5. Architect's Digital Files: The Architect makes no representations as to the accuracy or completeness of digital data drawing files as they relate to the Contract Drawings. Files are provided as a courtesy. It is the Contractor's responsibility to field verify all conditions.
B. Samples for verification, Architect's selection, etc shall be submitted as requested within the construction documents
1. Quantity: The Architect shall retain (1) of each sample submitted. The Contractor shall submit materials in a quantity as needed to perform their work.
2. All samples must bear the Contractor's review and approval stamp.
3. Processing Time: Allow 10 days for review of each submittal
PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION (Not Used)
END OF SECTION 013100

SECTION 014000 - QUALITY REQUIREMENTS

- PART 1 - GENERAL SUMMARY
A. This Section includes administrative and procedural requirements for quality assurance standards for use in the Project.
1.2 TESTING AND INSPECTIONS
A. Testing and inspecting services are required to verify compliance with requirements specified or indicated. These services do not relieve contractor of responsibility for compliance with the Contract Document requirements.
1.3 REFERENCE STANDARDS
A. If compliance with two or more standards is specified and the standards establish different or conflicting requirements, comply with the most stringent requirement. Refer to uncertainties to Architect for a decision.
1.4 MINIMUM QUANTITY OR QUALITY LEVELS
A. The quantity or quality level shown or specified shall be the minimum. The actual installation may exceed the minimum within reasonable limits. Indicated numerical values are minimum or maximum, as appropriate, for the context of requirements. Refer to uncertainties to Architect for a decision.
1.5 SPECIAL TESTS AND INSPECTIONS
A. Owner will engage a qualified testing agency and special inspector to conduct special tests and inspections required by authorities having jurisdiction.
PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION
3.1 REPAIR AND PROTECTION
A. General: On completion of testing, inspection, sample taking, and similar services, repair damaged construction and restore substrates and finishes.
B. Repair and protection are Contractor's responsibility, regardless of the assignment of responsibility for quality-control levels.
END OF SECTION 014000

SECTION 016000 - PRODUCT REQUIREMENTS

- PART 1 - GENERAL SUMMARY
A. This Section includes administrative and procedural requirements for selection of products for use in Project; product delivery, storage, and handling; manufacturers' standard warranties on products; special warranties; product substitutions; and comparable products.
1.2 DEFINITIONS
A. Products: Items purchased for incorporating into the Work, whether purchased for Project or taken from previously purchased stock. The term "product" includes the terms "material," "equipment," "system," and terms of similar intent.
1. Named Products: Items identified by manufacturer's product name, including make or model number or other designation shown or listed in manufacturer's published product literature that is current as of date of the Contract Documents.
B. Substitutions: Changes in products, materials, equipment, and methods of construction from those required by the Contract Documents and proposed by Contractor.
C. Basis-of-Design Product Specification: Where a specific manufacturer's product is named and accompanied by the words "basis of design," including make or model number or other designation, to establish the significant qualities related to type, function, dimension, in-service performance, physical properties, appearance, and other characteristics for purposes of evaluating comparable products of other named manufacturers.
1.3 QUALITY ASSURANCE
A. Compatibility of Options: If Contractor is given option of selecting between two or more products for use on Project, product selected shall be compatible with products previously selected, even if previously selected products were also options.
1.4 PRODUCT WARRANTIES
A. Warranties specified in other Sections shall be in addition to, and run concurrent with, other warranties required by the Contract Documents. Manufacturer's disclaimers and limitations on product warranties do not relieve Contractor of obligations under requirements of the Contract Documents.
1. Manufacturer's Warranty: Printed written warranty published by individual manufacturer for a particular product and specifically endorsed by manufacturer to Owner.
PART 2 - PRODUCTS
2.1 PRODUCT SELECTION PROCEDURES
A. General Product Requirements: Provide products that comply with the Contract Documents, that are undamaged and/or, unless otherwise indicated, that are new at time of installation.
1. Provide products complete with accessories, trim, finish, fasteners, and other items needed for a complete installation and indicated use and effect.
2. Standard Products: If available, and unless custom products or nonstandard options are specified, provide standard products of types that have been produced and used successfully in similar situations on other projects.
3. Owner reserves the right to limit selection to products with warranties not in conflict with requirements of the Contract Documents.
4. Where products are accompanied by the term "as selected," Architect will make selection.
5. Descriptive, performance, and reference standard requirements in the Specifications establish "salient characteristics" of products.
B. Product Selection Procedures:
1. Product: Where Specifications name a single product and manufacturer, provide the named product that complies with requirements.
2. Basis-of-Design Product: Where Specifications name a product and include a list of manufacturers, provide the specified product or a comparable product by one of the other named manufacturers. Drawings and Specifications indicate sizes, profiles, dimensions, and other characteristics that are based on the product named. Comply with provisions in Part 2 "Comparable Products" Article for consideration of an unnamed product by the other named manufacturers.
2.2 PRODUCT SUBSTITUTIONS
A. Timing: Architect will consider requests for substitution if received within 60 days after the Notice to Proceed. Requests received after that time may be considered or rejected at discretion of Architect.
2.3 SUBMITTAL PROCEDURES
A. Shop Drawings, Product Information, reports, etc shall be submitted as requested within the construction documents
1. Format: requested shop drawings and product information shall be submitted as PDF electronic files to the Project Architect via email or other means agreed upon by the project team. Submittals shall be bound into one PDF document for each item being submitted.
2. File Name: The file name shall include the project name specification section number & name (Example: OCI-072100-Thermal Insulation.pdf)
3. All submittals must bear the Contractor's review and approval stamp.
4. Processing Time: Allow 10 days for review of each submittal
5. Architect's Digital Files: The Architect makes no representations as to the accuracy or completeness of digital data drawing files as they relate to the Contract Drawings. Files are provided as a courtesy. It is the Contractor's responsibility to field verify all conditions.
B. Samples for verification, Architect's selection, etc shall be submitted as requested within the construction documents
1. Quantity: The Architect shall retain (1) of each sample submitted. The Contractor shall submit materials in a quantity as needed to perform their work.
2. All samples must bear the Contractor's review and approval stamp.
3. Processing Time: Allow 10 days for review of each submittal
PART 3 - EXECUTION (Not Used)

END OF SECTION 016000

SECTION 017000 - EXECUTION AND CLOSEOUT PROCEDURES

- PART 1 - GENERAL
1.1 EXECUTION REQUIREMENTS
Cutting and Patching:
1. Structural Elements: When cutting and patching structural elements, notify Architect of locations and details of cutting and await directions from Architect before proceeding. Locations and details of cutting and await directions from Architect before proceeding.
2. Operational Elements: Do not cut and patch operating elements and related components in a manner that results in reducing their capacity to perform as intended or that results in increased maintenance or decreased operational life or safety.
3. Visual Elements: Do not cut and patch construction in a manner that results in visual evidence of cutting and patching. Do not cut and patch exposed construction in a manner that would, in Architect's opinion, reduce the building's aesthetic qualities.
B. Manufacturer's Installation Instructions: Obtain and maintain on-site manufacturer's written recommendations and instructions for installation of products and equipment.
C. CLOSEOUT SUBMITTALS
A. A Contractor's List of Incomplete Items: Initial submittal at Substantial Completion.
B. Operation and Maintenance Data: Submit two (2) copies of manual.
C. PDF Electronic File: Assemble manual into a composite electronically indexed file. Submit on digital media.
D. Record Drawings: Submit one set(s) of marked-up record prints.
E. Record Product Data: Submit one paper copy of each submittal.
SUBSTANTIAL COMPLETION PROCEDURES
A. Prepare a list of items to be completed and corrected (punch list), the value of items on the list, and reasons why the Work is not complete.
B. Submittals Prior to Substantial Completion: Before requesting Substantial Completion inspection, complete the following:
1. Obtain and submit releases from authorities having jurisdiction permitting Owner unrestricted use of the Work and access to services and utilities. Include occupancy permits, operating certificates, and similar releases.
2. Submit closeout submittals specified in other sections, including project record documents, operation and maintenance manuals, property surveys, similar final record information, warranties, workmanship bonds, maintenance service agreements, final certifications, and similar documents.
3. Submit maintenance material submittals specified in other sections, including tools, spare parts, extra materials, and similar items, and deliver to location designated by Architect.
4. Submit test/adjust/balance records.
5. Submit changeover information related to Owner's occupancy, use, operation, and maintenance.
C. Procedures Prior to Substantial Completion: Before requesting Substantial Completion inspection, complete the following:
1. Advise Owner of pending insurance changeover requirements.
2. Make final changeover of permanent locks and deliver keys to Owner.
3. Complete startup and testing of systems and equipment.
4. Perform preventive maintenance on equipment used prior to Substantial Completion.
5. Advise Owner of changeover in heat and other utilities.
6. Participate with Owner in conducting inspection and walkthrough with local emergency responders.
7. Remove temporary facilities and controls.
8. Complete final cleaning requirements, including touchup painting.
9. Touch up and otherwise repair and restore marred exposed finishes to eliminate visual defects.
D. Inspection: Submit a written request for inspection for Substantial Completion. On receipt of request, Architect will proceed with inspection or advise Contractor of unfulfilled requirements. Architect will prepare the Certificate of Substantial Completion after inspection or will advise Contractor of items that must be completed or corrected before certificate will be issued.
1.4 FINAL COMPLETION PROCEDURES
A. Submittals Prior to Final Completion: Before requesting inspection for determining final completion, complete the following:
1. Submit a final Application for Payment.
2. Submit certified copy of Architect's Substantial Completion inspection list of items to be completed or corrected (punch list), endorsed and dated by Architect. Certified copy of the list shall state that each item has been completed or otherwise resolved.
3. Certificate of Insurance: Submit evidence of final, continuing insurance coverage complying with insurance requirements.
4. Submit pest-control final inspection report.
B. Submit a written request for final inspection for acceptance. On receipt of request, Architect will either proceed with inspection or notify Contractor of unfulfilled requirements. Architect will prepare final Certificate for Payment after inspection or will advise Contractor of items that must be completed or corrected before certificate will be issued.
1. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete, is completed, or corrected.
PART 2 - PRODUCTS
2.1 MATERIALS
A. In-Place Materials: Use materials for patching identical to in-place materials. For exposed surfaces, use materials that visually match in-place adjacent surfaces to the fullest extent possible.
B. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces.
1. Use cleaning products that comply with Green Seal's GS-37, or if GS-37 is not applicable, use products that comply with the California Code of Regulations maximum allowable VOC levels.
2.2 OPERATION AND MAINTENANCE DOCUMENTATION
A. Directory: Prepare a single, comprehensive directory of emergency, operation, and maintenance data and materials, listing items and their location to facilitate ready access to design and operation information.
B. Organization: Unless otherwise indicated, organize manual into separate sections for each system and subsystem, and separate sections for each piece of equipment not part of a system.
C. Organize data into three-ring binders with identification on front and spine of each binder, and envelopes for folded drawings. Include the following:
1. Manufacturer's operation and maintenance documentation.
2. Maintenance and service schedules.
3. Maintenance service contracts. Include name and telephone number of service agent.
4. Emergency instructions.
5. Spare parts list and local sources of maintenance materials.
6. Wiring diagrams.
7. Copies of warranties. Include procedures to follow and required notifications for warranty claims.
2.3 RECORD DRAWINGS
A. Record Prints: Maintain a set of prints of the Contract Drawings and Shop Drawings, incorporating new and revised drawings as modifications are issued. Mark to show actual installation where installation varies from that shown originally. Accurately record information in an acceptable drawing technique.
1. Identify and date each record Drawing; include the designation "PROJECT RECORD DRAWING" in a prominent location.
PART 3 - EXECUTION
3.1 EXAMINATION AND PREPARATION
A. Existing Conditions: The existence and location of underground and other utilities and construction indicated as existing are not guaranteed. Before beginning sitework, investigate and verify the existence and location of underground utilities, and other construction affecting the Work.
B. Before proceeding with each component of the Work, examine substrates, areas, and conditions, with Installer or Applicator present where indicated, for compliance with requirements for installation tolerances and other conditions affecting performance.
1. Verify compatibility with and suitability of substrates.
2. Examine roughing-in for mechanical and electrical systems.
3. Examine walls, floors, and roofs for suitable conditions.
C. Proceed with installation only after unsatisfactory conditions have been corrected.
D. Take field measurements as required to fit the Work properly. Where portions of the Work are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication.
E. Verify space requirements and dimensions of items shown diagrammatically on Drawings.
F. Surface and Substrate Preparation: Comply with manufacturer's written recommendations for preparation of substrates to receive subsequent work.

- 3.2 INSTALLATION
A. Locate the Work and components of the Work accurately, in correct alignment and elevation, as indicated.
1. Make vertical work plumb and make horizontal work level.
2. Conceal pipes, ducts, and wiring in finished areas unless otherwise indicated.
B. Comply with manufacturer's written instructions and recommendations.
C. Conduct construction operations so no part of the Work is subjected to damaging operations or loading in excess of that expected during normal conditions of occupancy.
D. Templates: Obtain and distribute to the parties involved templates for work specified to be factory prepared and field installed.
E. Attachment: Provide blocking and attachment plates and anchors and fasteners of adequate size and number to securely anchor each component in place. Where size and type of attachments are not indicated, verify size and type required for load conditions.
1. Mounting Heights: Where mounting heights are not indicated, mount components at height directed by Architect.
F. Joints: Make joints of uniform width. Where joint locations in exposed work are not indicated, arrange joints for the best visual effect. Fit exposed connections together to form hairline joints.
G. Use products, cleaners, and installation materials that are not considered hazardous.
3.3 CUTTING AND PATCHING
A. Provide temporary support of work to be cut.
B. Protection: Protect in-place construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of Project that might be exposed during cutting and patching operations.
C. Where existing services/systems are required to be removed, relocated, or abandoned, bypass such services/systems before cutting to minimize interruption to occupied areas.
D. Cutting: Cut in-place construction using methods least likely to damage elements retained or adjoining construction.
1. Cut holes and slots nearly to minimum size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
E. Patch with durable seams that are as invisible as possible. Provide materials and comply with installation requirements specified in other Sections.
1. Restore exposed finishes of patched areas and extend finish restoration into adjoining construction in a manner that will minimize evidence of patching and refinishing.
2. Where walls or partitions that are removed extend one finished area into another, patch and repair floor and wall surfaces in the new space. Provide an even surface of uniform finish, color, texture, and appearance.
3. Where patching occurs in a painted surface, prepare substrate and apply primer and intermediate paint coats appropriate for substrate over the patch, and apply final paint coat over entire unbroken surface containing the patch. Provide additional coats until patch blends with adjacent surfaces.
3.4 CLEANING
A. Clean Project site and work areas daily, including common areas. Dispose of materials lawfully.
1. Remove liquid spills promptly.
2. Where dust would impair proper execution of the Work, broom-clean or vacuum the entire work area, as appropriate.
3. Remove debris from concealed spaces before enclosing the space.
B. Complete the following cleaning operations before requesting inspection for certification of Substantial Completion:
1. Clean Project site, yard, and grounds, in areas disturbed by construction activities. Sweep paved areas, spills, and foreign deposits. Rake grounds that are neither planted nor paved to a smooth, even-textured surface.
2. Sweep paved areas broom clean. Remove spills, stains, and other foreign deposits.
3. Remove labels that are not permanent.
4. Clean transparent materials, including mirrors. Remove excess glazing compounds.
5. Clean exposed finishes to a dust-free condition, free of stains, films, and foreign substances. Sweep concrete floors broom clean.
6. Vacuum carpeted surfaces and wax resilient flooring.
7. Wipe surfaces of mechanical and electrical equipment. Remove excess lubrication and foreign substances. Clean plumbing fixtures. Clean light fixtures, lamps, globes, and reflectors.
8. Replace disposable air filters and clean permanent air filters. Clean exposed surfaces of diffusers, registers, and grills.
3.5 OPERATION AND MAINTENANCE MANUAL PREPARATION
A. Operation and Maintenance Manuals: Assemble a complete set of operation and maintenance data indicating operation and maintenance of each system, subsystem, and piece of equipment not part of a system.
B. Manufacturers' Data: Where manuals contain manufacturers' standard printed data, include only sheets pertinent to product or component installed. Mark each sheet to identify each product or component incorporated into the Work. If data include more than one item in a tabular format, identify each item using appropriate references from the Contract Documents. Identify data applicable to the Work and delete references to information not applicable.
1. Prepare supplementary text if manufacturers' standard printed data are unavailable and where the information is necessary for proper operation and maintenance of equipment or systems.
C. Drawings: Prepare drawings supplementing manufacturers' printed data to illustrate the relationship of component parts of equipment and systems and to illustrate control sequence and flow diagrams.
3.6 DEMONSTRATION AND TRAINING
A. Engage qualified instructors to instruct Owner's personnel to adjust, operate, and maintain systems, subsystems, and equipment not part of a system. Include a detailed review of the following:
1. Include instruction for basis of system design and operational requirements, review of documentation, emergency procedures, operations, adjustments, troubleshooting, maintenance, and repairs.
END OF SECTION 017000

SECTION 017300 - EXECUTION

- PART 1 - GENERAL SUMMARY
A. This Section includes general procedural requirements governing execution of the Work including, but not limited to, the following:
1. Construction layout.
2. General installation of products.
3. Progress cleaning.
4. Protection of installed construction.
5. Correction of the Work.
PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION
3.1 CONSTRUCTION LAYOUT
A. Verification: Before proceeding to lay out the Work, verify layout information shown on Drawings, in relation to the property survey and existing benchmarks. If discrepancies are discovered, notify Architect promptly.
3.2 INSTALLATION
A. General: Locate the Work and components of the Work accurately, in correct alignment and elevation, as indicated.
1. Make vertical work plumb and make horizontal work level.
2. Where space is limited, install components to maximize space available for maintenance and ease of removal for replacement.
3. Conceal pipes, ducts, and wiring in finished areas, unless otherwise indicated.
B. Comply with manufacturer's written instructions and recommendations for installing products in applications indicated.
3.3 PROGRESS CLEANING
A. General: Clean Project site and work areas daily, including common areas. Coordinate progress cleaning for joint-use areas where more than one installer has worked. Enforce requirements strictly. Dispose of materials lawfully.
3.4 PROTECTION OF INSTALLED CONSTRUCTION
A. Provide final protection and maintain conditions that ensure installed Work is without damage or deterioration at time of Substantial Completion.
B. Comply with manufacturer's written instructions for temperature and relative humidity.
3.5 CORRECTION OF THE WORK
A. Repair or remove and replace defective construction. Restore damaged substrates and finishes.
1. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment.
END OF SECTION 017300

SECTION 017399 - CUTTING AND PATCHING

- PART 1 - GENERAL SUMMARY
A. This Section includes procedural requirements for cutting and patching.
PART 2 - PRODUCTS MATERIALS
A. General: Comply with requirements specified in other Sections.
B. In-Place Materials: Use materials identical to in-place materials. For exposed surfaces, use materials that visually match in-place adjacent surfaces to the fullest extent possible.
1. If identical materials are unavailable or cannot be used, use materials that, when installed, will match the visual and functional performance of in-place materials.
PART 3 - EXECUTION
3.1 EXAMINATION
A. Examine surfaces to be cut and patched and conditions under which cutting and patching are to be performed.
1. Compatibility: Before patching, verify compatibility with and suitability of substrates, including compatibility with in-place finishes or primers.
2. Proceed with installation only after unsafe or unsatisfactory conditions have been corrected.
3.2 PREPARATION
A. Protection: Protect in-place construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of Project that might be exposed during cutting and patching operations.
3.3 PERFORMANCE
A. General: Employ skilled workers to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time, and complete without delay.
1. Cut in-place construction to provide for installation of other components or performance of other construction, and subsequently patch as required to restore surfaces to their original condition.
B. Cleaning: Clean areas and spaces where cutting and patching are performed. Completely remove paint, mortar, oils, putty, and similar materials.
END OF SECTION 017399
SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL
PART 1 - GENERAL SUMMARY
A. This Section includes administrative and procedural requirements for the following:
1. Disposing of nonhazardous demolition and construction waste.
PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION
3.1 DISPOSAL OF WASTE
A. General: Except for items or materials to be salvaged, recycled, or otherwise reused, remove waste materials from Project site and legally dispose of them in a landfill or incinerator that comply with EPA regulations and acceptable to authorities having jurisdiction.
1. Except as otherwise specified, do not allow waste materials that are to be disposed of accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
B. Burning: Do not burn waste materials.
C. Disposal: Transport waste materials off Owner's property and legally dispose of them.
END OF SECTION 017419
SECTION 024119 - SELECTIVE STRUCTURE DEMOLITION
PART 1 - GENERAL SUMMARY
A. This Section includes the following:
1. Demolition and removal of selected portions of building or structure.
2. Salvage of existing items to be reused or recycled.
PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION
3.1 EXAMINATION
A. Verify that utilities have been disconnected and capped.
B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
C. Inventory and record the condition of items to be removed and reinstated and items to be removed and salvaged.
D. Predemolition Photographs: Show existing conditions of adjoining construction and site improvements. Submit before work begins.
3.2 SELECTIVE DEMOLITION
A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated on drawings. Use methods required to complete the Work within limitations of governing regulations, comply with ANSI/ASSE A10.6 and NFPA 241 and as follows:
1. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chipping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
2. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
3. Dispose of demolished items and materials promptly.
4. Maintain services/systems indicated to remain and protect them against damage during selective demolition operations. Before proceeding with demolition, provide temporary services/systems that bypass areas of selective demolition and that maintain continuity of services/systems to other parts of the building.
5. Locate, identify, shut off, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
6. Refrigerant: Remove refrigerant from mechanical equipment to be selectively demolished according to 40 CFR 82 and regulations of authorities having jurisdiction.
7. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
B. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. Erect dustproof partitions. Cover and protect furniture, furnishings, and equipment that have not been removed. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition and reinstated in their original locations after selective demolition operations are complete.
C. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
3.3 CLEANING
A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.
END OF SECTION 024119
SECTION 061053 - MISCELLANEOUS ROUGH CARPENTRY
PART 1 - GENERAL SUMMARY
A. This Section includes the following:
1. Wood blocking and nailers.
2. Plywood backing panels.
PART 2 - PRODUCTS
2.1 WOOD-PRESERVATIVE-TREATED MATERIALS
A. Application: Treat items indicated on Drawings.
2.2 FIRE-RETARDANT-TREATED MATERIALS
A. Application: Treat items indicated on Drawings.
2.3 MISCELLANEOUS LUMBER
A. General: Provide miscellaneous lumber indicated and lumber for support or attachment of other construction, including the following:
1. Blocking.
2. Nailers.
B. For items of dimension lumber size, provide Standard, Stud, or No. 3 grade lumber with 19 percent maximum moisture content of any species.



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SECTION 017419 - CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL
PART 1 - GENERAL SUMMARY
A. This Section includes administrative and procedural requirements for the following:
1. Disposing of nonhazardous demolition and construction waste.
PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION
3.1 DISPOSAL OF WASTE
A. General: Except for items or materials to be salvaged, recycled, or otherwise reused, remove waste materials from Project site and legally dispose of them in a landfill or incinerator that comply with EPA regulations and acceptable to authorities having jurisdiction.
1. Except as otherwise specified, do not allow waste materials that are to be disposed of accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
B. Burning: Do not burn waste materials.
C. Disposal: Transport waste materials off Owner's property and legally dispose of them.
END OF SECTION 017419

SECTION 024119 - SELECTIVE STRUCTURE DEMOLITION
PART 1 - GENERAL SUMMARY
A. This Section includes the following:
1. Demolition and removal of selected portions of building or structure.
2. Salvage of existing items to be reused or recycled.
PART 2 - PRODUCTS (Not Used)
PART 3 - EXECUTION
3.1 EXAMINATION
A. Verify that utilities have been disconnected and capped.
B. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
C. Inventory and record the condition of items to be removed and reinstated and items to be removed and salvaged.
D. Predemolition Photographs: Show existing conditions of adjoining construction and site improvements. Submit before work begins.
3.2 SELECTIVE DEMOLITION
A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated on drawings. Use methods required to complete the Work within limitations of governing regulations, comply with ANSI/ASSE A10.6 and NFPA 241 and as follows:
1. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chipping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
2. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
3. Dispose of demolished items and materials promptly.
4. Maintain services/systems indicated to remain and protect them against damage during selective demolition operations. Before proceeding with demolition, provide temporary services/systems that bypass areas of selective demolition and that maintain continuity of services/systems to other parts of the building.
5. Locate, identify, shut off, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
6. Refrigerant: Remove refrigerant from mechanical equipment to be selectively demolished according to 40 CFR 82 and regulations of authorities having jurisdiction.
7. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
B. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. Erect dustproof partitions. Cover and protect furniture, furnishings, and equipment that have not been removed. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition and reinstated in their original locations after selective demolition operations are complete.
C. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
3.3 CLEANING
A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.
END OF SECTION 024119



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