

3 DOCUMENT 009113 - ADDENDA

1.1 PROJECT INFORMATION

- A. Project Name: Demolition Services for the Winchester House
- B. Owner: Lake County.
- C. Owner Project Number: "Winchester House Demolition"
- D. Architect: Globetrotters Engineering Corporation.
- E. Architect Project Number: 18018.000
- F. Date of Addendum: June 17, 2021.

1.2 NOTICE TO BIDDERS

- A. This Addendum is issued to all registered plan holders pursuant to the Instructions to Bidders and Conditions of the Contract. This Addendum serves to clarify, revise, and supersede information in the Project Manual, Drawings, and previously issued Addenda. Portions of the Addendum affecting the Contract Documents will be incorporated into the Contract by enumeration of the Addendum in the Owner/Contractor Agreement.
- B. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form.
- C. The date for receipt of bids is unchanged by this Addendum, at same time and location.

1.3 ATTACHMENTS

- A. This Addendum includes the following attached Specification Sections:
 - 1. Section 01 01 00 Project Summary, (reissued).
- B. This Addendum includes the following attached Sheets:
 - 1. Environmental Sheet ASB1.02, dated 6/17/21, (reissued).
 - 2. Supplemental Unit Price 6-8, dated 6/17/21

1.4 REVISIONS TO DIVISION 01 GENERAL REQUIREMENTS

- C. Specification Section 01 01 00, (reissued).
 - 1. Paragraph 1.1C, 3b(1) has been deleted.

1.5 REVISIONS TO DRAWING SHEETS

D. Sheet ASB1.02 3rd and 4th Floor Plan-Asbestos Abatement (reissued).

1. Drawing UD1.0: Portion of third floor (Building 1A) has been shaded to indicate area of abatement. Contractor to provide a unit prices for the following abatement: per square foot for tile, per instance for pipe joint, and per linear foot of pipe wrap.

1.6 CONTRACTOR QUESTIONS AND RESPONSES

1. QUESTION: Section 01 01 00, paragraph 1.1C, 3 states that the Environmental Project Management and Air Monitoring by the Contractor (EPM/AM) is to be included. Is the abatement contractor to include the costs for the EC to be on site every day during the project, or only during removal and clean up, or is the County paying for the EC?

RESPONSE: The abatement contractor is to include costs for the EC only during removal and clean-up of the abatement, including air monitoring as required by governing regulations.

2. QUESTION: Section 01 01 00, paragraph 1.1C, 3b(1) states the Contractor shall submit names of three (3) firms to the Lake County to select from to perform all EPM/AM services for the contractor for this Project. Will the County select one of the three firms that we submit?

RESPONSE: Paragraph was removed. Contactor is responsible for obtaining an independent contractor to perform services.

3. QUESTION: There is a portion of ACM tile unmarked in the third floor corridor and into adjacent rooms. Environmental contractors have indicated this is ACM in an unmarked area.

RESPONSE: See 3/ASB1.02 for revised areas containing ACM to be provide unit prices of floor tile, pipe wrap and pipe joint abatement.

END OF DOCUMENT 009113

PART 1 - GENERAL

1.1 PROJECT DESCRIPTION

- A. PROJECT DESCRIPTION: The intent of this project is to demolish the facility known as the Winchester House and two ancillary buildings. The Winchester House is a five story masonry and concrete building. There are two primary parts of the building (original and a significant addition) indicated in the Drawings as Building A and Building B respectively. There are two ancillary single story buildings on the site that are also to be demolished: a masonry residential building and a frame storage building.

Following demolition, the scope of work also includes site restoration for potential future redevelopment. See the drawings for a more detailed description of the scope of work.

1. The Demolition Contractor (Contractor) is responsible to hire and pay for an environmental consultant pre-approved by the Lake County to monitor the abatement and provide air sampling / monitoring during demolition.
2. The Contractor shall include a Cash Allowance as indicated in the Bid Solicitation to be used only as approved by the Lake County; any unused funds up to the full amount indicated in the Bid Solicitation shall be returned to the Lake County.
 - a. Labor (unless noted otherwise) for handling, unloading, installation, overhead, profit and other expenses contemplated for the stated allowance amount shall be included in the Contract Sum and not in the allowance.
 - b. This amount shall include labor and materials necessary to complete work of an undetermined scope but which is anticipated due to the requirement that new work be modified to meet existing, indeterminable conditions.
 - c. Nothing in this allowance shall be construed to relieve Contractor of the responsibility to review the site of the proposed work and verify existing conditions. No approvals will be granted to utilize this allowance amount to compensate for contractor's lack of knowledge of conditions which are observable at the site.

B. INTENT OF WORK:

1. The Contractor and its associated Asbestos Abatement Sub-Contractor shall examine all Drawings and read all Contract Documents to avoid omissions and duplications and to ensure complete execution of all Contract Work.
2. The Contractor and its associated Asbestos Abatement Sub-Contractor shall provide all permits, labor, materials, equipment, tools, and machinery, apparatus, scaffolding, transportation, remediation of any special and hazardous waste found within the project site, and other facilities and service necessary for the proper execution and completion of their work.

C. SCOPE OF WORK: The scope of the Work includes, but is not limited to, the work described in the following paragraphs.

1. The Work to be performed under the contract shall include all work under the General provisions of the Contract, including General and Special Conditions per the Lake County's front end documents, the Detailed Specifications of Division 1 and Division 2, all appendices, and as required or incidental to be performed and complete the Work indicated on the Drawings or specified in the specifications as summarized but not limited to the general scope described in the paragraphs below.
2. The Scope of Work under this contract also includes mobilization; securing of site fencing; security; procurement of all necessary federal, state, and local permits, approvals, and authorizations; all required notifications, including EPA, Lake County and the Village of Libertyville.; proper and legal abatement and disposal of all hazardous materials; removal and disposal of all trash and debris; site extermination prior to and during demolition; coordination of all utility terminations with utility firms and the Village of Libertyville where applicable, and capping all utilities at the site lot line; structural demolition of buildings using mechanical means; removal and disposal of all structures including associated footings and related underground appurtenances; removal and disposal of all surface/attached sidewalks, pavements and other site features such as fencing and light poles associated with the referenced buildings; proper disposal of all demolition debris; filling of voids with soil as specified; termination, cutting, capping and removal of existing utilities; and filling, finish grading and restoration of the site and hydroseeding for new grass to two (2) inch growth. Maintain fencing until grass has grown 2" or until Lake County agrees fencing may be removed. Also included are the removal of all trees, shrubs and other vegetation at the building sites. Protect any adjacent property trees, shrubs and other vegetation next to the areas where buildings and concrete are shown to be removed. After all demolition work and site clearing has been completed any affected or barren areas shall be filled with compacted demolition debris and topsoil as specified.
3. Work also includes Environmental components, which must be pursued in strict compliance with applicable laws and regulations. See relevant Sections of the technical specifications and related drawings for scope of work and quantities.
 - a. Abatement activities shall be performed to facilitate the demolition of the subject buildings and related appurtenances included in this contract. Abatement includes removal of ACM, Mercury containing thermostats, and all clean-up and disposal of generated special and hazardous wastes associated with the abatement All abatement activities shall be conducted in accordance with all IEPA, ISDH, US EPA NESHAP, HUD and OSHA regulations.
 - b. Environmental Project Management and Air Monitoring by the Contractor (EPM/AM) is to be included.
 - 1) ~~DELETED IN ADDENDUM 2: The Contractor shall submit names of three (3) firms to the Lake County to select from to perform all EPM/AM services for the Contractor for this project.~~
 - 2) The Contractor shall be responsible for all personal air monitoring as required by governing regulations.

- 3) The Contractor's air-monitoring is to be conducted by an independent air-sampling professional or company.
 - 4) The air sampling professional retained by the Contractor shall collect worker personal air samples during all abatement activities until clearance air-samples indicate that acceptable airborne fiber concentration levels have been achieved
 - 5) The Contractor's strategy for air-sampling shall be approved by the representative prior to commencement of the work.
4. The abatement work shall be performed in each of the vacant buildings to be demolished as indicated in these specifications and on the related drawings. The Asbestos Contractor shall be responsible for providing all temporary utilities to facilitate abatement including, but not limited to: Power, Lighting, Water, and Sewerage Services.
 5. Contractor shall remove all furnishings, cabinetry, fixtures, trash, etc., to facilitate abatement of ACM.

D. ANTICIPATED SEQUENCE OF WORK:

1. Notice of Award
2. Lake County Authorization to Proceed.
3. Contractor notifies CITY and EPA, obtains permits.
4. Pre-Construction meeting.
5. Contractor installs perimeter security fence.
6. SWPP Installation.
7. Seismic Rings.
8. Tree protection.
9. Contractor notifies and coordinates termination, disconnection and capping of utilities and other services with utility companies and entities having jurisdiction.
10. Written notice of utility disconnection submitted to A/E and Lake County.
11. Asbestos Abatement subcontractor provides temporary utilities.
12. Hazardous Materials Procedures.
13. Coordination of rodent extermination inspection with Village of Libertyville.
14. Implementation of all safety and protective measures on site and near property lines and fences.
15. Contractor receives approval from Village of Libertyville Official to proceed with structural demolition.
16. Structural demolition by ball and crane technique or other mechanical means.
17. Removal of foundations/excavation.
18. Utility demolition/cutting/capping at buildings and at property lines, and removal of underground utilities.
19. Backfill and compaction of all voids.
20. Removal and proper disposal off-site of demolition debris.
21. Demolition of surface features.
22. Restoration of surface features to remain.
23. Final grading, drainage and seeding.
24. Removal of security fence upon two (2) inch grass growth and Final Acceptance.

- E. TEMPORARY UTILITIES: The Contractor will be responsible for disconnection of all utilities. The contractor is responsible for all temporary power, lighting and water necessary for the execution of the Asbestos Abatement Work. Arrangements for temporary water and/or sanitary service to the site shall be coordinated with the Village of Libertyville /Sewer Department(s). Temporary power and lighting shall be provided by the Contractor by means of generators unless other arrangements can be made in advance with the local utility company (ComEd).

1.2 SCHEDULE MILESTONES

- A. Time of Completion: The Contractor shall complete all the work in accordance with the Contract within 120 days from the date of the Notice to Proceed to Substantial Completion, including hydroseeding.
- B. Schedule Milestones
 - 1. Upon receipt of a Notice to Proceed, Contractor shall promptly mobilize manpower and equipment to the site and commence work.
 - 2. Final Completion is defined as follows: All demolition activities of the buildings are complete, including structural demolition, utility removals, removal of foundations in their entirety, site is graded to within reasonable lines comparable to approved grading plans, all site improvements, hydroseeding, and punch list are complete.
 - a. The 2" grass growth will be monitored during the warranty period.
 - 3. Punch List Completion is defined as follows: All site improvements and other work as identified in the punch-list walk-through are complete.
 - a. Time of Completion: (2-3) workable calendar days from the date of transmittal of the punch list.

1.3 CONTRACTS

- A. The Project shall be under one (1) Contractor. The Contractor (sometimes referred to as the General Contractor) is to take full responsibility for its Abatement Subcontractor and the abatement scope of work.

1.4 SITE SECURITY

- A. Site security by the Contractor shall commence upon mobilization of the Work and be maintained until Substantial Completion.
- B. Contractor shall require reasonable proof of identification and signature of all visitors on the log. The premises shall be protected from entry of any unauthorized persons.
- C. Contractor shall protect the work, stored materials and construction equipment from theft and vandalism.

1.5 CONTRACTORS' USE OF PREMISES

- A. The Contractors shall limit their use of the premises to the Work indicated so as not to damage or disturb remaining property.
1. Confine operations at the site to the areas permitted inside the designated Contractor's fence line. Portions of the site beyond areas on which work is indicated are not to be disturbed.
 2. The Contractors shall exercise care in limiting the noise generated by their operations. The Contractors shall confine construction operations creating noise in excess of 80dB, or as required by Village of Libertyville codes and ordinances, as measured at the Contractor's fence line.
 3. Work shall be performed between the hours of 7:30 a.m. and 4:30 p.m. or as otherwise approved by the Lake County in writing or required by the Village of Libertyville.
 4. Care shall also be taken to prevent the spread of dust and airborne debris. After demolition work is started on any building, the work on that building shall be continued to completion promptly and expeditiously. Upon completion of work, premises shall be left in a condition satisfactory to the Lake County.
 5. Keep existing roadways and entrances serving adjacent or nearby buildings and parking areas clear and available at all times. Do not use these areas for Contractor parking or storage of materials.
 6. Do not unreasonably encumber any part of the site with materials or equipment.
 7. Lock automotive type vehicles, such as passenger cars and trucks and other mechanized or motorized construction equipment, when parked and unattended.
 8. Maintain the area of the Work in a safe condition. Inspect the areas adjacent to the Work prior to start of demolition. The Contractor is responsible for repairing any damage caused by his operations at no additional cost to the Lake County. Take all precautions necessary to protect remaining property and adjacent/nearby structures to remain during the progress of the Work.
 9. Prior to the start of operations at the site, the Contractor shall record by color photographs or video the pre-existing site conditions and notify the Lake County and the A/E of any existing damaged areas or discrepancies. Submit record of pre-existing site conditions to the Lake County and A/E at the pre-construction meeting.
 10. Prior to the start of any demolition or hazardous material removals, the Contractor shall install a continuous perimeter fence and lockable gate. Contractors shall confine all their Work on the site to the area within the Contractor's fence line.
 11. Keep public areas outside the security fence free of any accumulation of waste material, rubbish or demolition debris.
 12. Open fires will not be permitted within the building or on the premises.

13. Upon beginning Work at the site, use due diligence in completing Work.

- B. Contractors' Use of the Existing Buildings and Site.
 - 1. Maintain the area of the Work in a safe condition.

1.6 PERMITS AND REGULATIONS

- A. The Contractors shall obtain and pay for all required demolition, environmental or construction related permits and exhibit them at the job site. Provide Lake County and the A/E with copies of all permit applications, including requests for waivers or variances.
- B. At the start of the Work, submit copies of all permits, receipts and certificates, including waivers and variances, issued for the Work to the Lake County and the A/E.
- C. All Work shall conform to the ordinances, codes and regulations of the Illinois EPA, NESHAP, Lake County and State of Illinois.
- D. Give all notices and comply with laws, ordinances, rules and regulations bearing on the conduct of the work. If the Contract Documents are at variance therewith, promptly notify the lake County and A/E in writing. The Contractor shall bear all costs arising thereof from Work performed contrary to such laws, ordinances, rules and regulations.

1.7 FIELD MEASUREMENTS

- A. Field verify the accuracy of existing reference documents and contract documents with site conditions. Errors due to failure to verify such information shall be the responsibility of the Contractors and additional compensation will not be allowed.

1.8 PROTECTION OF THE PROPERTY

- A. The Contractor shall repair any damage to the surrounding areas within the Contractor's fence line and shall repair any damage to properties outside the Contractor's fence line at his own expense.

1.9 ALTERATIONS AND COORDINATION

- A. The Contractor shall coordinate its work with the work of its Asbestos Abatement Subcontractor.
- B. The Contractor and its Asbestos Abatement Subcontractor are cautioned to read the entire Contract Documents; all items of work necessary for the project, whether or not individually listed in scope or referred to herein, are the Contractors' responsibility. Any work not specified in the Abatement scope shall be the responsibility of the General Contractor.
- C. The Contract Documents do not mention each particular item required, but rather are a guide for type, quality, finish and operation required. It is the responsibility of the Contractors to thoroughly verify all field conditions, check the drawings and specifications, verify types and locations of all utilities on or adjacent to the site or which might be affected by the Work, and to furnish all required material, and equipment whether specifically mentioned or not. No claims for extras will be allowed for any services that could have been or should have been foreseen by the Contractors and included in their proposals if required to furnish the Work.

1.10 MISCELLANEOUS PROVISIONS

A. Safety

1. The Contractors are hereby notified that they are required to comply with all applicable regulations for safety, including those of the Occupational Health and Safety Administration (OSHA). The Contractor and its Asbestos Abatement Subcontractor shall avoid hazards to persons and property, they shall take all precautions necessary to protect pedestrians and vehicular traffic during the progress of the Work, and their operations shall not interfere with the use of adjacent buildings or interrupt the free passage to and from such adjacent buildings.

B. Schedule

1. At the Pre-Construction conference, the Contractor shall submit a proposed rational schedule for all Demolition and Asbestos Abatement Work to the Lake County and the A/E for approval. At a minimum, the schedule shall define the major items of the work, including start/finish and milestone dates, anticipated daily hours of work, and anticipated manpower and equipment. If the Contractor fails to submit a rational schedule, or said schedule does not meet the Lake County's and A/E's approval, the Lake County will withhold progress payments to the Contractor until the Contractor's schedule is approved.
2. No structural building demolition will be permitted until the Contractors have completed all hazardous material remediation to the satisfaction of the Asbestos/Environmental Project Manager and approval is received from the appropriate State, Local and/or Federal authorities.

C. Temporary Protection

1. The General Contractor shall furnish and maintain eight (8) feet high fencing (minimum six (6) feet post spacing) around the perimeter of each designated demolition site/parcel, and shall furnish and maintain protective barricades, planking, red flags, warning lights, signs, etc., whenever required to provide adequate protection and directions to community residents, pedestrians and vehicular traffic, and shall remove when no longer required for safety.
2. If the Lake County deems the Contractor's temporary protection inadequate, the Lake County may direct the Contractor to provide additional temporary protection and signage as necessary.

D. LAKE COUNTY and A/E as Additional Insured on Certificates of Insurance

1. In addition to the requirements in Section 3 Insurance in Lake County 's front end documents, the Contractors shall list lake County, and Globetrotters Engineering Corporation as additional insureds on their insurance certificates and provide copies to the above-mentioned parties.
2. For the Village of Libertyville, provide a current insurance Certificate for the Contractor listed on the Application for Engineering Permit, which shows the Village of Libertyville as the certificate holder and includes an additional insured endorsement naming the following additional insured:

“The Village of Libertyville and its boards, commissions, committees, authorities, employees, agencies, officers, voluntary associations, and other units operating under the jurisdiction and within the appointment of its budget”

E. Removal of Rubbish and Pest Control

1. Removal of Rubbish: At the completion of each day's work, or as directed, Contractors shall remove rubbish and unused materials from the site and "leave the grounds clean." If topsoil is stock-piled on site, it shall be covered with plastic, and the plastic secured from being blown away. Provide chutes to dispose of roofing and other debris/materials from building being stripped for demolition, directly into a dumpster.
2. The cleaning up of the premises shall include the removal and disposal of any rubbish, refuse and/or other trash lying within the parcel areas, whether or not such conditions have resulted from operations under this Contract.
3. Rodent and Pest Control: The Contractor shall retain the services of a licensed and insured extermination contractor to prevent rodent/vermin habitation and migration.
4. The extermination contractor will employ effective field sanitation methods, including, plugging of all potential rodent egress points in the building foundation. An extermination plan must be submitted for review and recommendations and approval at the Pre-Construction conference, before it will be approved. The plan should at the minimum include the name of the extermination firm, proof of personnel training and licensing with the State of Indiana , exterminating chemicals to be used and its MSDS, anticipated timelines and amounts of product for each treatment, interior and exterior of the building.
5. Contractor Refuse: Contractor is to supply refuse container for contractor trash, labeled "Contractor Refuse" and dispose of it per applicable ordinance.

F. Recycling of Materials

1. The Contractor is permitted and encouraged to recycle as much of the building components as he deems feasible.
2. The Owner has already salvaged all desired materials, equipment and furnishings from the property.
3. Special care shall be taken in dismantling primary utility service connections so that transformers, valve vaults, meters, etc., can be returned to the primary utility provider in a serviceable condition. Primary service equipment damaged by the Contractor's removal operations will be repaired by the Contractor to the satisfaction of the primary utility owner at no additional compensation.

G. Delivery and Storage

1. The Contractors shall protect all materials and equipment against deterioration and contamination. Contractors shall make all arrangements for delivery, receipt and storage of all material, equipment and supplies to be used in this Work. The Lake

County assumes no responsibility for theft or damage to Contractors' material or equipment.

H. Quality Control

1. The Contractors shall maintain on-the-job-site qualified supervisors acceptable to the Lake County. They shall have a minimum of 5 years' experience in the type of Work specified in the Contract Documents. The Contractor shall submit the qualifications of his supervisory personnel and emergency contact phone numbers to the Lake County at the time of the Pre-Construction conference.
2. Safety, workmanship, demolition means and methods are the total responsibility of the Contractor.
3. Contractors shall, in addition to specifications contained herein, comply with any manufacturers' or suppliers' specifications and recommendations for storing, handling, mixing and applying materials used in the Work.

I. Demolition Accessories

1. The Contractor shall furnish, install and provide all demolition related accessories such as scaffolding specialties, hoist and cranes, sidewalks and bridges, catwalks, lifting equipment, water hoses, temporary lighting or hanging stages, etc., for the proper execution and completion of the Work.

1.11 SUBMITTALS

- A. After the Contract has been awarded, a Pre-Construction conference will be scheduled. The Contractor and all Subcontractors are **required** to attend.
- B. At the Pre-Construction conference, the Contractor shall submit the following to the Lake County and the A/E:
 1. Copies of the Permit Applications, Certificates and Notifications.
 - a. Full compliance is required with all applicable governmental agency requirements. The following subparagraphs (b. through f.) are intended to provide basic information to the Contractor regarding certain "Storm Water Run-off Control" regulations that are administered through the Village of Libertyville. Contractor shall use this information, and the two appendices to this section of the specifications, as preliminary guidance in meeting Village of Libertyville's requirements for this project. Contractor is fully responsible for all steps in Village of Libertyville's process, and ultimately for securing Village of Libertyville's approval and issuance of the associated permit.
 - b. Contractor shall be responsible for all additional submittals required by Village of Libertyville and/or by any other applicable stormwater management agencies as necessary in order to obtain regulatory approval and to be issued the associated permit(s) for the work.
 2. A List of Subcontractors for Lake County approval.

3. Methodology of Demolition to be Used. For approval by Lake County, subject also to approval by local Code authorities (Refer to Section 020600).
4. A Detailed Work Schedule.
5. A Detailed Schedule of Values (refer to Section 012973).
6. A Pre-Existing Site Conditions Record.
7. Site Security Plan (refer to Section 020600).
8. Site Extermination Plan (refer to Section 020600).
9. Traffic Plan. The Contractor shall illustrate anticipated truck traffic flow to and from site, taking into consideration protection of and minimal impact on the neighborhood. The Contractor is also required to notify the Village of Libertyville and all public schools around the project site, with a copy to the Lake County, of the potential impact the demolition activity may have and safety plan they intend to utilize, within two (2) weeks of mobilizing the site.
10. Street Cleaning Plan. The Contractor is responsible to ensure or coordinate with the Village of Libertyville that the surrounding streets and alleys serving the neighborhood remain clean and dust free at the end of the day.
11. Fencing Plan with Site Features.
12. Dust and Flying Debris Control Plan (Refer to Section 020600).
13. Professional Qualifications of Key Personnel and Emergency Contact Telephone Numbers.
14. During construction, submit in a timely manner receipts and any other submittals requested in other sections of these specifications.

1.12 FIELD OFFICES:

- A. Contractor shall provide temporary field office on site only as required by Contractor.

END OF 010100



LAKE COUNTY

WINCHESTER HOUSE NURSING HOME

DEMOLITION FOR REDEVELOPMENT

1125 N. MILWAUKEE AVENUE
LIBERTYVILLE, ILLINOIS 60048

PRIME CONSULTANT



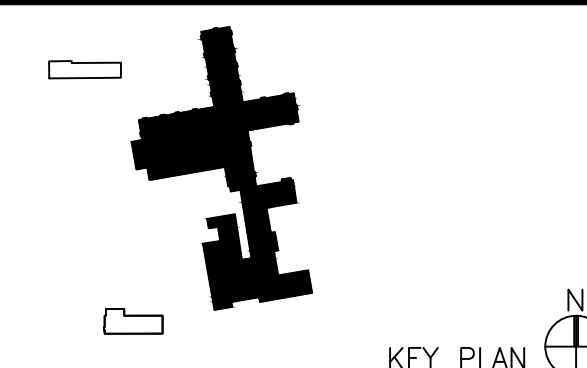
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ISSUANCES

NO.	DESCRIPTION	DATE
1	ADDENDUM #2	06/17/2021

SEAL

DRAWN BY _____

CHECKED BY _____

GEC PN 18018.000

SHEET TITLE

3RD AND 4TH FLOOR PLAN - ASBESTOS ABATEMENT

SHEET NUMBER
ASB1.02

SCOPE OF WORK:

- SELECTIVE DEMOLITION: REMOVAL AND DISPOSAL OF CERAMIC WALLS, DRYWALL, AND PLASTER TO ACCESS THERMAL SYSTEMS INSULATION INCLUDING BUT NOT LIMITED TO THE HYDRONIC AND STEAM PIPE SYSTEMS. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
- ASBESTOS ABATEMENT: REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING THERMAL SYSTEM INSULATION, FIREPROOFING, BROWN DUCT SEAM SEALANT, CARPET OVER FLOOR TILE, FLOOR TILE, VINYL SHEET FLOORING ASSOCIATED FLOORING MASTICS (ALL LAYERS), ROUND LIGHT FIXTURES, SINKS WITH GRAY UNDERCOATINGS, WOODEN FIRE DOORS, AND EXTERIOR SEALANTS, GLAZING AND CAULKING MATERIALS. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
- ALL ASBESTOS ABATEMENT SHALL BE CONDUCTED PER SPECIFICATION 02 82 00 ASBESTOS ABATEMENT AND APPLICABLE IDPH, EPA, AND OSHA REGULATIONS.
- REMOVAL, DISPOSAL/RECYCLING OF UNIVERSAL WASTE INCLUDING FLUORESCENT LAMPS AND BULBS, HIGH INTENSITY DISCHARGE (HID) LAMPS, MERCURY THERMOSTATS AND SWITCHES, BATTERIES, SMOKE DETECTORS, FIRE EXTINGUISHERS, CHEMICALS AND CLEANERS, PAINTS, PCBs, AND REFRIGERANTS.

GENERAL NOTES:

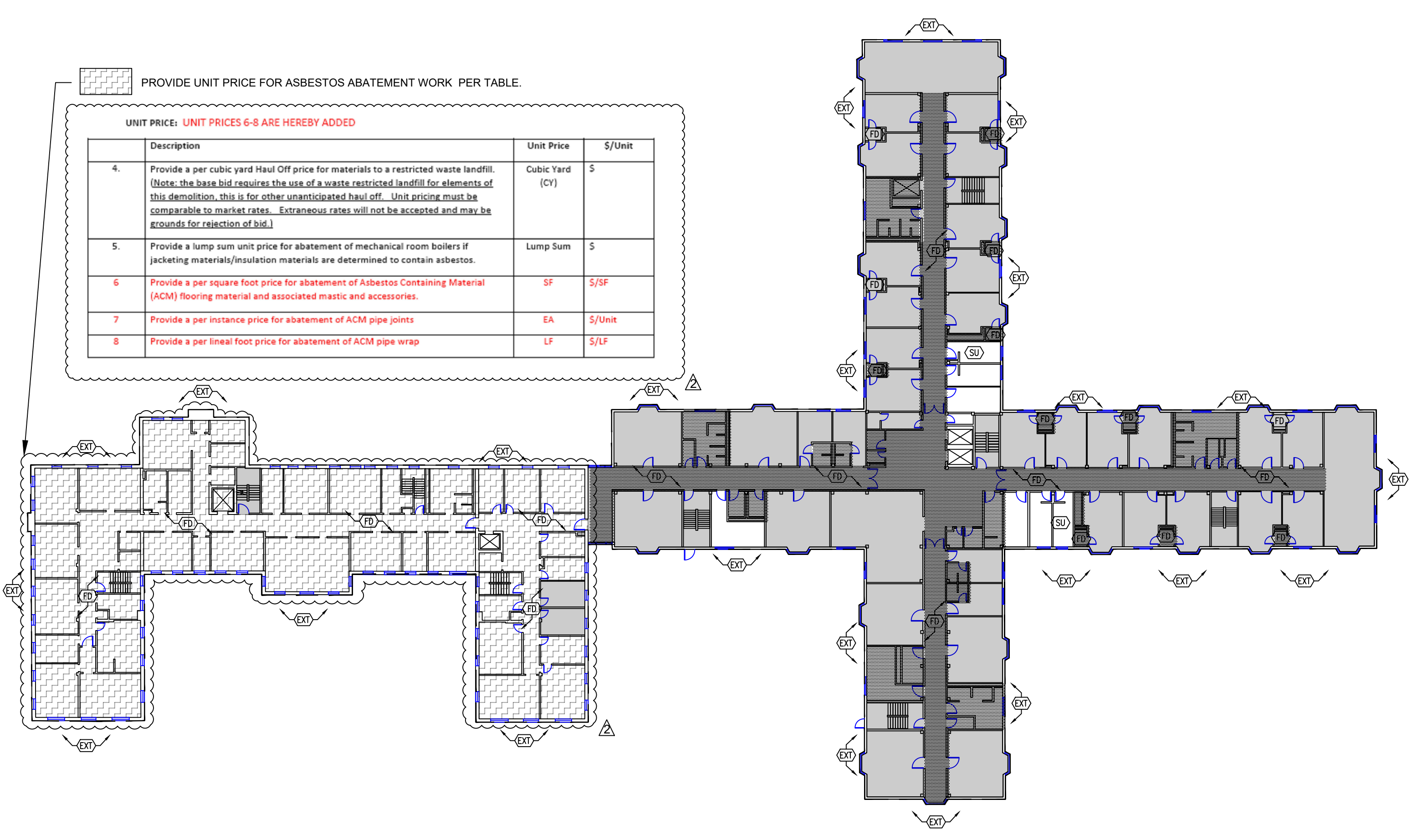
- ABATEMENT CONTRACTOR SHALL PREPARE AND SUBMIT AN ASBESTOS ABATEMENT ACTION PLAN. THE PLANS SHALL BE SUBMITTED TO THE ENVIRONMENTAL CONSULTANT, THE PROJECT MANAGER FOR REVIEW AND APPROVAL PRIOR TO THE START OF THE WORK. THE PLANS SHALL INCLUDE DRAWINGS AND NARRATIVES DETAILING THE ABATEMENT SCHEDULING, SEQUENCING AND ALL OTHER INFORMATION REGARDING ABATEMENT ACTIVITIES PER SPECIFICATION 02 82 00.
- THE ABATEMENT CONTRACTOR IS RESPONSIBLE FOR THE LOCKOUT AND TAGOUT OF ANY ASSOCIATED MECHANICAL EQUIPMENT PRIOR TO STARTING ABATEMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING QUANTITIES IN THE FIELD BEFORE BIDDING. ANY QUESTIONS ABOUT THE SCOPE OR CLARIFICATIONS SHALL BE OBTAINED FROM THE PROJECT DESIGNER PRIOR TO BIDDING. ANY INTERPRETATIONS OF THE DESIGN DOCUMENTS SHALL ONLY BE MADE BY THE PROJECT DESIGNER.
- FLOOR TILE, VINYL SHEET FLOORING AND ASSOCIATED MASTIC REMOVAL SHALL INCLUDE ANY UNDERLAYMENT, LEVELING MATERIAL, AND ADDITIONAL LAYERS OF FLOORING TO THE CONCRETE SUBSTRATE. LAYERED FLOORING MATERIALS DO NOT COUNT AS AN INCREASED QUANTITY. MULTIPLE TYPES OF MASTICS ARE INSTALLED JOINTLY. REMOVAL OF MULTIPLE LAYERS OF FLOORING/MASTICS SHALL BE INCLUDED IN THE ABATEMENT SCOPE OF WORK.
- CARPETING IS PRESENT IN SOME OF THE ROOMS WHERE FLOOR TILE AND ASSOCIATED ARE TO BE REMOVED. ALL LAYERS ARE TO BE REMOVED AND DISPOSED OF AS ASBESTOS-CONTAINING WASTE.
- DEMOLITION OF FLOORING WALLS, BUILDING EQUIPMENT IS REQUIRED TO ACCESS AND REMOVE ACM PIPE INSULATION, ACM FLOOR TILE, ACM VINYL SHEET FLOORING, AND ACM MASTICS. SELECTIVE DEMOLITION AS NEEDED TO ACCESS AND REMOVE ALL ACM THERMAL SYSTEMS INSULATION AND FLOORING MATERIALS SHALL BE INCLUDED IN THE ABATEMENT SCOPE OF WORK.
- CHEMICAL MASTIC REMOVER SHALL BE "LOW ODOR" TYPE WITH A FLASHPOINT OF >200 °F.
- THE ENVIRONMENTAL SCOPE IS AN INTEGRAL PART OF THE ARCHITECT OF RECORD (AOR) TOTAL SPECIFICATION PACKAGE. THEREFORE, IT SHALL BE USED IN CONJUNCTION WITH THE TOTAL SPECIFICATION PACKAGE. THE TERM "REFER TO ARCHITECT'S SCOPE OF WORK DRAWINGS" IS MEANT TO BE AN ADDITION TO WHAT THE ARCHITECT HAS INDICATED ON HIS DRAWINGS AND BY NO MEANS LIMITS THE WORK TO WHAT IS SHOWN ON THE ARCHITECT'S DRAWINGS.
- THE ABATEMENT CONTRACTOR IS RESPONSIBLE FOR ALL SECURITY TO THE WORK AREA(S) DURING THE ABATEMENT PROJECT. THE ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO PROPERTY IN THE WORK AREA(S), UNTIL THE AREA(S) ARE RETURNED TO THE PROPERTY OWNER. THE ABATEMENT CONTRACTOR SHALL REPAIR AND/OR REPLACE DAMAGED OR STOLEN PROPERTY TO THE SATISFACTION OF, AND AT NO ADDITIONAL COST TO THE PROPERTY OWNER.
- FLOOR PLANS ARE DIAGRAMMATIC AND ARE INTENDED TO INDICATE GENERAL PROXIMITY OF THE SELECTIVE DEMOLITION AND LEAD MITIGATION WORK AREAS. CONTRACTOR SHALL VERIFY LOCATION AND EXTENT OF WORK PRIOR TO ABATEMENT.
- THE OWNER RESERVES THE RIGHT TO STOP WORK AT ANY TIME AS REQUIRED BY THE OPERATION OF THE FACILITY.
- IDPH LICENSED WORKERS AND SUPERVISORS SHALL PERFORM ALL SELECTIVE DEMOLITION AND ASBESTOS ABATEMENT SCOPE OF WORK ITEMS.
- THERE IS NO POWER TO THE BUILDING. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY POWER TO THE BUILDING. THE ELEVATORS LOCATED ARE NOT FUNCTIONING AND THE CONTRACTOR SHALL BASE THEIR WORK ON NOT HAVING ACCESS TO WORKING ELEVATORS.
- WHERE WASTE MUST BE MOVED THROUGH THE BUILDING INTERIOR, IT SHALL BE MOVED AS BAGGED WASTE IN A COVERED AND LINED PUSH CART.
- OUTDOOR WASTE DUMPSTER SHALL BE LOCATED PER OWNER'S APPROVAL PRIOR TO THE START OF ABATEMENT. WASTE OUT STAGING SHALL BE COORDINATED WITH ALL TRADES COMPLETING WORK.
- THE CONTRACTOR SHALL PROVIDE A HARD COPY OF ALL WASTE MANIFESTS WITHIN 30 DAYS OF THE WASTE BEING HAULED OFF-SITE.
- HEPA FILTERED NEGATIVE AIR SHALL BE MAINTAINED ON A 24-HOUR BASIS IN ACCORDANCE WITH APPLICABLE REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ADEQUATE TEMPORARY POWER, PERSONNEL AND BACKUP EQUIPMENT TO MAINTAIN OPERATION.
- ALL NEGATIVE AIR EXHAUSTS SHALL BE MANIFOLDED AT POINT OF EXIT FROM THE BUILDING.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND ALL OTHER CODES THAT HAVE AUTHORITY OVER THIS PROJECT. ABATEMENT CONTRACTOR SHALL SECURE REQUIRED PERMITS AS NECESSARY. ABATEMENT CONTRACTOR SHALL PROVIDE ALL NECESSARY SAFEGUARDS, BARRIERS, TEMPORARY POWER, LIGHTING, FIRE PROTECTION, ETC. AS REQUIRED DURING SELECTIVE DEMOLITION/LEAD ABATEMENT.

SELECTIVE DEMOLITION - ADDITIONAL DESIGN DETAILS:

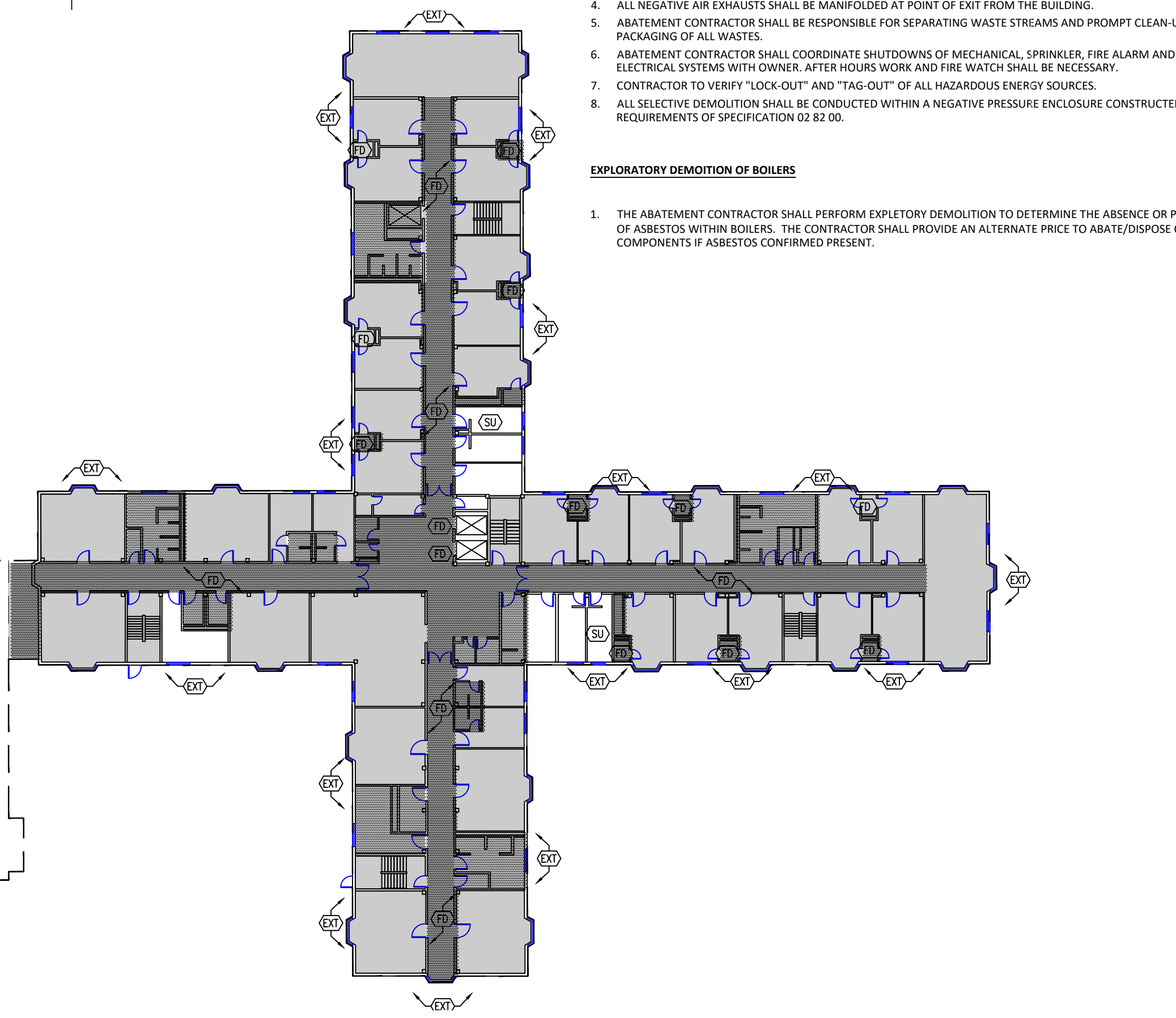
- ALL SELECTIVE DEMOLITION SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE CONSTRUCTED PER REQUIREMENTS OF SPECIFICATION 02 82 00.
- ABATEMENT CONTRACTOR SHALL PROTECT EXISTING EQUIPMENT, BUILDING COMPONENTS, AND UTILITIES TO REMAIN WITH A MINIMUM TWO (2) LAYERS OF SIX MIL PLASTIC OR EQUIVALENT.
- HEPA FILTERED NEGATIVE AIR SHALL BE MAINTAINED ON A 24-HOUR BASIS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING ADEQUATE TEMPORARY POWER, PERSONNEL AND BACKUP EQUIPMENT TO MAINTAIN OPERATION.
- ALL NEGATIVE AIR EXHAUSTS SHALL BE MANIFOLDED AT POINT OF EXIT FROM THE BUILDING.
- ABATEMENT CONTRACTOR SHALL BE RESPONSIBLE FOR SEPARATING WASTE STREAMS AND PROMPT CLEAN-UP AND PACKAGING OF ALL WASTE.
- ABATEMENT CONTRACTOR SHALL COORDINATE SHUTDOWNS OF MECHANICAL, SPRINKLER, FIRE ALARM AND ELECTRICAL SYSTEMS WITH OWNER. AFTER HOURS WORK AND FIRE WATCH SHALL BE NECESSARY.
- CONTRACTOR TO VERIFY "LOCK-OUT" AND "TAG-OUT" OF ALL HAZARDOUS ENERGY SOURCES.
- ALL SELECTIVE DEMOLITION SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE CONSTRUCTED PER REQUIREMENTS OF SPECIFICATION 02 82 00.

EXPLORATORY DEMOLITION OF BOILERS

- THE ABATEMENT CONTRACTOR SHALL PERFORM EXPLORATORY DEMOLITION TO DETERMINE THE ABSENCE OR PRESENCE OF ASBESTOS WITHIN BOILERS. THE CONTRACTOR SHALL PROVIDE AN ALTERNATE PRICE TO ABATE/DISPOSE OF BOILER COMPONENTS IF ASBESTOS IS CONFIRMED PRESENT.



3 THIRD FLOOR ASBESTOS ABATEMENT PLAN
SCALE: 1/32" = 1'-0"



4 FOURTH FLOOR ASBESTOS ABATEMENT PLAN
SCALE: 1/32" = 1'-0"

PROVIDE UNIT PRICE FOR ASBESTOS ABATEMENT WORK PER TABLE.

UNIT PRICE: UNIT PRICES 6-8 ARE HEREBY ADDED

Description	Unit Price	\$/Unit
4. Provide a per cubic yard Haul Off price for materials to a restricted waste landfill. (Note: the base bid requires the use of a waste restricted landfill for elements of this demolition, this is for other unanticipated haul off. Unit pricing must be comparable to market rates. Extraneous rates will not be accepted and may be grounds for rejection of bid.)	Cubic Yard (CY)	\$
5. Provide a lump sum unit price for abatement of mechanical room boilers if jacketing materials/insulation materials are determined to contain asbestos.	Lump Sum	\$
6. Provide a per square foot price for abatement of Asbestos Containing Material (ACM) flooring material and associated mastic and accessories.	SF	\$/SF
7. Provide a per instance price for abatement of ACM pipe joints	EA	\$/Unit
8. Provide a per lineal foot price for abatement of ACM pipe wrap	LF	\$/LF

- #### KEYNOTES - ASBESTOS ABATEMENT
- REMOVE AND DISPOSE OF FLOOR TILE, VINYL FLOORING, AND MASTICS (ALL LAYERS)
 - REMOVE AND DISPOSE OF THERMAL SYSTEM INSULATION
 - REMOVE AND DISPOSE OF SINK UNDERCOATING
 - REMOVE AND DISPOSE OF EXTERIOR GLAZING AND SEALANT
 - REMOVE AND DISPOSE OF FIRE DOOR
 - REMOVE AND DISPOSE OF SPRAY-ON FIREPROOFING
 - REMOVE AND DISPOSE OF BROWN DUCT SEALANT

UNIT PRICES UNIT PRICES 6-8 ARE HEREBY ADDED - AD #2 6-17-21

	Description	Unit Price	\$/Unit
4.	Provide a per cubic yard Haul Off price for materials to a restricted waste landfill. <u>(Note: the base bid requires the use of a waste restricted landfill for elements of this demolition, this is for other unanticipated haul off. Unit pricing must be comparable to market rates. Extraneous rates will not be accepted and may be grounds for rejection of bid.)</u>	Cubic Yard (CY)	\$
5.	Provide a lump sum unit price for abatement of mechanical room boilers if jacketing materials/insulation materials are determined to contain asbestos.	Lump Sum	\$
6	Provide a per square foot price for abatement of Asbestos Containing Material (ACM) flooring material and associated mastic and accessories.	SF	\$/SF
7	Provide a per instance price for abatement of ACM pipe joints	EA	\$/Unit
8	Provide a per lineal foot price for abatement of ACM pipe wrap	LF	\$/LF