

## Addendum No. 02

### TO: PLANS AND SPECIFICATIONS FOR:

Renovation Int/Ext & Install Generator – Multi Assets-General Headquarters Complex  
MO State Highway Patrol  
1510 E. Elm, Jefferson City, MO  
PROJECT NO. R2502-01

Bid Opening Date: 1:30 PM, Thursday, February 19, 2026 (Not Changed)

Bidders are hereby informed that the construction plans and/or specifications are modified as follows:

#### **ACCEPTED SUBSTITUTIONS:**

1. Blue Star Diesel Generator
2. Danfoss Variable-Frequency Motor Controllers

#### **SPECIFICATION CHANGES:**

1. Section 028213 – ASBESTOS ABATEMENT  
**DELETE:** entire section (includes encapsulating existing gym flooring)  
**ADD:** entire section (includes abatement of existing gym flooring)(see attached)
2. Section 055000 – METAL FABRICATIONS  
**DELETE:** 1.4.D.
3. Section 077200 – ROOF ACCESSORIES  
**DELETE:** 1.2.C.
4. Section 095123 – ACOUSTICAL TILES  
**DELETE:** 1.2.C
5. Section 087100 – DOOR HARDWARE  
**DELETE:** Hardware Group No. 03.01 -  
“ICC-500 DOOR. DOOR, FRAME AND HARDWARE MUST ALL BE COMPONENTS OF A TESTED ASSEMBLY. INSTALL ALL HARDWARE WITH MANUFACTURER REQUIRED FASTENERS INCLUDING THRU BOLTS FOR MOUNTING CLOSERS AND PANIC DEVICES.”  
**DELETE:** Hardware Group No. 07.01 -  
SFIC PERMANENT CORE “BY OTHERS”  
SPIC CONSTR. CORE “BY OTHERS”  
**ADD:** Hardware Group No. 07.01 -  
SFIC PERMANENT CORE “AS REQ'D”  
SPIC CONSTR. CORE “AS REQ'D”
6. Section 096566 – RESILIENT ATHLETIC FLOORING

**DELETE:** 1.1.B. Related Requirements

7. Section 101423.16 – ROOM-IDENTIFICATION PANEL SIGNAGE

**DELETE:** 1.8 A. “Furnish extra material that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.”

**ADD:** 1.8 A. “Furnish cleaning instructions from manufacturer.”

**DELETE:** 1.8 A.1 “Variable Component Materials: 12 replaceable text inserts and interchangeable characters (letters, numbers, and graphic elements) of each type.”

**DELETE:** 1.8 A.2 Tools: “One set of specialty tools for assembling signs and replacing variable sign components.”

**DELETE:** 2.2 A.1 “acrylic backing sheet to produce composite sheet.”

**DELETE:** 2.2 A.1.c “Subsurface Graphics: Snap in changeable insert beneath removable face sheet.”

**DELETE:** 2.4 A. entire section

**DELETE:** 2.5 B. entire section

**DELETE:** 2.5 C. entire section

**DELETE:** 3.1 C.1 entire section

**DELETE:** 3.1 C.2 entire section

8. Section 129300 – CONTRACTOR PROVIDED AND CONTRACTOR INSTALLED FURNITURE, FIXTURES, AND EQUIPMENT

**DELETE:** Part 4 in it's entirety

9. Section 129500 – VENDOR SUPPLIED AND CONTRACTOR INSTALLED FURNITURE, FIXTURES, AND EQUIPMENT

**DELETE:** entire section

**ADD:** entire section (see attached)

10. Section 233113 – METAL DUCTS

**DELETE:** 3.12.B For cleaning of existing ductwork, see Section 230130.52 “Existing HVAC Air Distribution System Cleaning.”

11. Exhibit C

**DELETE:** CHR-1, 160 chairs

**ADD:** CHR-1, 161 chairs

**ADD:** Exhibit C cover sheet

**DRAWING CHANGES:**

1. Sheet G-003 – LEGEND, GEN. NOTES AND ABBREVIATIONS

SUMMARY OF WORK, BID ALTERNATES: 2

**DELETE:** “PHYSICAL TRAINING BUILDING – THE EXISTING GYMNASIUM FLOORING WILL BE OVERLAYED WITH ENCAPSULATING SEANT AND NEW RESILIENT FLOORING.”

**ADD:** “PHYSICAL TRAINING BUILDING – THE EXISTING GYMNASIUM FLOORING AND MASTIC WILL BE REMOVED IN ITS ENTIRETY AND THE SUBFLOOR CLEANED AND PREPPED FOR NEW, FULLY ADHERED RESILIENT FLOORING. SEE SPECIFICATIONS FOR ABATEMENT AND NEW FLOORING”.

2. Sheet G-004 – STANDARD ACCESSIBILITY DETAILS

**ADD:** Detail 9 - “TYPICAL SIGNAGE” (see attached)

3. Sheet S-001 – GENERAL NOTES

EXISTING CONSTRUCTION:

**ADD:** “6. GC TO COORDINATE EXISTING CONDUIT & REBAR WITH GROUND PENETRATING RADAR (GPR) SCAN PRIOR TO MAKING ANY ANCHOR PENETRATIONS OR SAWCUTTING ANY OPENINGS. DO NOT DRILL OR CUT THROUGH ANY CONDUITS. GC TO NOTIFY ENGINEER OF RECORD IF CONDUITS ARE ENCOUNTERED.”

DEMOLITION SHORING NOTE:

**DELETE:** entire boxed note

4. Sheet A-703 – DORM DEMO THIRD FLOOR RCP

GENERAL DEMOLITION NOTES:

**DELETE:** 1. “ABATE ALL POPCORN CEILING COATING PRIOR TO ANY DEMOLITION WORK, SEE SPECIFICATIONS. POPCORN CEILING TO REMAIN ONLY ON THIRD FLOOR CEILING. SEE SPECS FOR MORE INFORMATION.”

**ADD:** 1. “POPCORN CEILING TO REMAIN. PATCH, REPAIR, AND PAINT WHERE REQUIRED. MATCH COLOR TO EXISTING.”

5. Sheet A-122 – PHYSICAL TRAINING DEMO AND CONSTRUCTION PLAN ALTERNATE #2

DETAIL 2

**DELETE:** Keyed note 05 at door PT101

DEMO FIRST FLOOR KEYED NOTES:

**DELETE:** 03 “EXISTING FLOOR TO REMAIN. G.C. TO PREPARE EXISTING FLOOR FOR ENCAPSULATION. G.C. TO ENSURE FLOOR IS CLEAR OF DEBRI AND FLOOR MOUNTED ITEMS (TRIM, DOOR STOPS, ETC.) PRIOR TO ENCAPSULATION.”

**ADD:** 03 “EXISTING V.C.T. FLOORING & MASTIC TO BE REMOVED & DISPOSED OF PER ABATEMENT SPECIFICATIONS.”

GENERAL CONSTRUCTION NOTES

**DELETE:** numbers 3 and 5

FIRST FLOOR KEYED NOTES

**DELETE:** note 03 “G.C. TO APPLY A CLEAR, LIQUID ENCAPSULANT OVER THE EXISTING FLOOR PRIOR TO INSTALLING NEW GYM FLOORING. REFER TO FINISH SCHEDULE AND SPECIFICATIONS.”

**ADD:** note 03 “NEW GYM FLOORING. REFER TO FINISH SCHEDULE AND SPECIFICATIONS.”

**DELETE:** note 04 “G.C. TO ENSURE ALL DOORS PROPERLY FUNCTION WITH NEW ENCAPSULATED FLOOR. G.C. TO REPAIR/REPLACE ANY DOORS THAT NO LONGER FUNCTION U.N.O.”

**DELETE:** note 5 “FLOOR ENCAPSULATION AND”

**DELETE:** note 08 “G.C. TO ENSURE ALL DOORS PROPERLY FUNCTION WITH NEW ENCAPSULATED FLOOR. G.C. TO REPAIR/REPLACE ANY DOORS THAT NO LONGER FUNCTION U.N.O.”

6. Sheet A-801 – DORM FIRST FLOOR FURNITURE PLAN

FF&E SCHEDULE

**DELETE:** CHR-1 number of chairs – 160

**ADD:** CHR-1 number of chairs – 161

**ADD:** at end of schedule “\*DSK-1 INCLUDES THE SEPARATE CARREL (DSK-2)

**ADD:** SIGNAGE LEGEND

7. Sheet M-105 – DORM FIRST FLOOR PLAN

MECHANICAL KEYED NOTES

**ADD:** “15. EXISTING COOLING TOWER AND ABOVE GROUND PIPING TO REMAIN. PIPING AT TOWER END IS FREEZE PROTECTED BY HEAT TRACING FOR ALL PIPING ABOVE FROST DEPTH. CONTRACTOR SHALL BE CAREFUL DURING EXCAVATION TO ENSURE NO DAMAGE OCCURS, CONTRACTOR SHALL REPLACE ANY DAMAGED COMPONENTS PER SPECIFICATIONS. AFTER PIPING INSTALL IS COMPLETE, VERIFY PROPER OPERATION OF HEAT TRACE SYSTEM.”

8. Sheet M-403 – PHASE 3 – MECHANICAL PLANT

DETAIL 2

**ADD:** tags for new louvers, L/2 and L/3 (see attached)

9. Sheet M-503 – MECHANICAL DETAILS 3

Detail 2

**DELETE:** - ADMIN in title of detail

**ADD:** Detail 2 – P.T. in title of detail

10. Sheet M-601

HVAC MATERIALS & INSULATION SCHEDULE

**ADD:** OUTDOOR DUCTWORK – PIPING / DUCTWORK/NOTES column – “4” W.G.”

**ADD:** INSULATION/NOTES column “3”

**ADD:** NOTES: “3. OUTDOOR INSULATION SHALL BE WITHIN IN THE INTERSTITIAL SPACE BETWEEN THE LINER AND THE DUCTWORK.”

11. Sheet M-421 -

**ADD:** 4. “LEADS AND HAZARDOUS MATERIALS:” note

“MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS GOVERNING LEAD AND HAZARDOUS MATERIALS, INCLUDING BUT NOT LIMITED TO THE EPA LEAD RENOVATION, REPAIR AND PAINTING (RRP) PROGRAM, OSHA LEAD STANDARDS, AND ALL REQUIREMENTS RELATED TO DEMOLITION, REMOVAL, HANDLING, AND DISPOSAL OF MECHANICAL EQUIPMENT, DUCTWORK, AND ASSOCIATED MATERIALS WITHIN OR AFFECTING THE INDOOR FIRING RANGE. CONTRACTOR SHALL IMPLEMENT ALL NECESSARY ENGINEERING CONTROLS, WORK PRACTICES, PERSONAL PROTECTIVE EQUIPMENT, CONTAINMENT, AND DISPOSAL PROCEDURES TO PREVENT THE RELEASE OR MIGRATION OF LEAD DUST AND CONTAMINANTS. MEANS, METHODS, TECHNIQUES, SEQUENCING, AND SAFETY PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR.”

12. Sheet M-602

LOUVER SCHEDULE

**DELETE:** second and third “L1”s

**ADD:** second and third “L2” and “L3” (see attached)

**ATTACHEMENTS:**

1. SPECIFICATIONS:  
Section 028213 Asbestos Abatement  
Section 129500-1 Vendor Supplied and Contractor Installed Furniture, Fixtures, and Equipment
2. DRAWINGS:  
9/G-004 – TYPICAL SIGNAGE  
2/M-403 PHASE 3 – MECHANICAL PLANT ENLARGED PLAN  
M-602 – LOUVER SCHEDULE
3. SUBSTITUTIONS:  
Blue Star Diesel Generator substitution  
Danfoss Variable-Frequency Motor Controllers substitution

By the Order of:

Andy Carroll, R.A.

Office of Administration

Division of Facilities Management, Design and  
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**END OF ADDENDUM 02**

February 5, 2026

**SECTION 028213 - ASBESTOS ABATEMENT**

**PART 1 - GENERAL**

**1.1 PROJECT/WORK IDENTIFICATION**

- A. General: The abatement of asbestos containing materials (ACMs) specified herein shall be performed by certified and registered persons who are knowledgeable, qualified and trained in the abatement, handling, and disposal of asbestos containing material, and subsequent cleaning of the affected environment.
- B. The contractor shall supply all labor, materials, equipment, testing, services, permits, notifications, insurance, and incidentals which are necessary and/or required to perform the work in accordance with applicable local, state, and federal regulations; as may be necessary for the abatement of asbestos containing materials and for other work as specified in this section or as indicated in associated drawings, sketches, or details of the work.
- C. Scope of Work:
  - Abate/remove approximately 10,500 square feet of asbestos-containing popcorn ceiling (thinner layer) from the Dorm Building – First and Second Floor Hall and Rooms.
  - Abate/remove approximately 7,400 square feet of asbestos-containing 12-inch by 12-inch white with tan mottle floor tile with black mastic from the Physical Training Building Gym Floor as specified in the architectural drawings.
- D. All asbestos abatement work areas must pass visual inspection as well as final clearance air-monitoring (by independent TPAM).
- E. Construction Administration: Regina Raineri, CASCO Corporation.

**1.2 LIST OF MATERIALS CONTAINING ASBESTOS (TO BE ABATED)**

Material Location	Material Description	Asbestos Content	Total Quantity
Dorm Building / First/Second Floor Hall/Rooms	Thinner Layer Popcorn Ceiling	3% Chrysotile	10,500 sf <sup>1</sup>
Physical Training Building Gym Floor	12" by 12" White with Tan Mottle Floor Tile	6% Chrysotile in tile; 9% Chrysotile in mastic	7,400 <sup>1</sup>

<sup>1</sup>Material to be abated

Contractor is responsible for verifying all materials and quantities identified above prior to submitting their bid. The *Asbestos Survey Activities* report is included as an appendix to the specifications.

### 1.3 SUMMARY OF REQUIREMENTS:

- A. All work performed on this project shall be done in the strictest accordance with applicable federal, state and local regulations, standards and codes governing asbestos abatement and any other trade work done in conjunction with the abatement. All applicable codes, regulations and standards are adopted into this specification and will have the same force and effect as this specification.
- B. The most recent edition of any relevant regulation, standard, document or code shall be in effect. Where conflict among requirements or these specifications exists, the most stringent requirements shall be utilized.
- C. Because asbestos exposure is a serious health hazard, construction work involving any asbestos-containing materials is regulated by the Occupational Safety and Health Administration Regulations. Compliance with OSHA regulations in the completion of this project is the sole responsibility of the contractor. OSHA regulations include, but are not limited to, conducting appropriate negative exposure assessments and/or daily personnel air monitoring. However, the following requirements will apply regardless of the removal methods to be employed:
1. Regardless of the removal methods employed, the contractor shall immediately stop work in the event of any of the following:
    - a. Visible Emissions (as defined in this document), or
    - b. Sanding, grinding, cutting abrading, removal by open flame, or
    - c. Breathing Zone air samples exceed the PEL or Excursion Limit; furthermore, the contractor shall implement corrective work practices, make re-notification to all regulatory agencies of the changes in work practices and material conditions, and comply with all referenced regulations in this document and the applicable sections of this specification as noted.
  2. If any of the conditions above are observed by the Owner's Construction Representative, then this party has the right to issue a directive to stop work. The Contractor shall be obligated to implement corrective action. The contractor shall not be entitled to additional compensation.
- D. FRIABLE AND NON-FRIABLE ACM. The popcorn ceiling is a friable material, and the floor tile and mastic are considered non-friable Category I materials. All applicable federal, state, and local requirements, including notifications, should be followed.
1. Make notifications in compliance with Section 2.1 of this specification.
  2. Remove and dispose of asbestos containing materials popcorn ceiling in compliance with the federal and state regulations as listed, but not necessarily limited to, those under section 1.1 of this specification.

### 1.4 PROJECT COORDINATION

- A. Contractor shall coordinate and schedule all phases of the work of the contract documents under his control with the Construction Administrator, Facility Representative, any subcontractors, materials suppliers, and other parties involved as necessary to ensure the smooth and orderly transition of separate phases, timely placement of items and materials, cooperation between parties, and proper execution of the work.
- B. All coordination necessary with the facility will be made through the Facility Representative (name and phone number shown in Special Conditions) or their designated representative. The Construction Administrator and Facility Representative prior to the start of any work will approve scheduling and access to the work areas.
- C. Normal working hours of the facility will be observed in performing the work unless the Facility Representative and Construction Administrator approve the modification as addressed in the Special Conditions.
- D. Contractor shall coordinate any news media inquiries or releases with the Facilities Management Design and Construction Division at (573) 751-3339.
- E. The contractor, project superintendent, subcontractors, and other appropriate parties shall attend meetings as scheduled and as otherwise necessary to accomplish the work in a timely and efficient manner. Meetings shall include but are not limited to the following:
  - 1. Pre-Construction Meeting: The Construction Administrator will schedule the pre-construction meeting after the Notice of Award has been issued. The Construction Administrator will determine the date, time, and exact place of this meeting and all necessary parties will be notified. During the meeting, discussions will be held in regard to construction procedures, scheduling requirements, general conditions, special conditions, channels of communication, responsible persons, requirements for submittals, documentation requirements, payment applications, and other pertinent information necessary for completing the work. Specific requirements of the facility in regard to security, safety, utilities, access to buildings, and related matters will also be discussed.
  - 2. Progress Meetings: Within one month after work has commenced and once a month thereafter, when applicable, a monthly progress meeting will be held. At this meeting, previous meeting minutes will be reviewed; progress of the work in comparison to the approved schedule, planned progress, payment applications, proposed changes, and problems and corrective measures will be discussed. The contractor shall be required to submit a revised schedule to reflect actual conditions as per Article 15 of the General Conditions at this meeting.
  - 3. If, in the opinion of the Construction Administrator, additional meetings are required to maintain progress or scheduling requirements on the work, additional meetings will be scheduled.

- F. All fees required for notifications, re-notifications, and/or inspections by the Department of Natural Resources shall be paid by the contractor. If necessary, bulk samples analysis information required in conjunction with the notification to the Missouri Department of Natural Resources, U. S. Environmental Protection Agency or city having jurisdiction shall be provided by the contractor unless provided within this specification.

## 1.5 TERMINOLOGY/DEFINITIONS/ABBREVIATIONS

### A. Definitions:

1. **Abatement:** The Encapsulation, Enclosure and/or Removal of Asbestos Containing Materials (ACM). For Category I Non-friable ACM which will remain non-friable throughout disposal, abatement procedures will be modified and simplified as found within these and other applicable regulations.
2. **Adequately Wet:** To sufficiently mix or penetrate with liquid to prevent the release of particulates.
3. **AHERA:** Asbestos Hazard Emergency Response Act of 1966 (P.L. 99-519).
4. **Aggressive Air Sampling:** Sweeping of floors, ceilings and walls and other surfaces with the exhaust of a minimum of one (1) horsepower leaf blower or equivalent immediately prior to air monitoring.
5. **Air Sampling Professional:** An individual, certified by the State of Missouri, who supervises air sampling activities during asbestos abatement projects.
6. **Air Sampling Technician:** An individual, under the supervision of an Air Sampling Professional, who performs air sampling during asbestos abatement projects.
7. **Asbestos:** The asbestiform varieties of serpentinite (chrysotile, antigorite), riebeckite (crocidolite), cummingtonite-grunerite (amosite), anthophyllite, and actinolite-tremolite. For purposes of determining respiratory and worker protection both the asbestiform and non-asbestiform varieties of the above materials and any of these materials that have been chemically treated and/or altered shall be considered as asbestos.
8. **Asbestos Abatement Project Designer:** An individual, certified by the State of Missouri, who prepares plans and specifications for asbestos abatement projects.
9. **Asbestos Abatement Supervisor:** An individual, certified by the State of Missouri, who directs, controls, and/or supervises workers during an asbestos abatement project.
10. **Asbestos Abatement Worker:** An individual, certified by the State of Missouri, who performs asbestos abatement.

11. Asbestos-Containing Material (ACM): Any material or product which contains more than 1 percent asbestos by weight as determined by using the Polarized Light Microscopy method.
12. Asbestos-Containing Building Material (ACBM): Surfacing ACM, thermal system insulation ACM, or miscellaneous ACM that is found in or on building components.
13. Asbestos Containing Building Material (ACBM) Repair: The restoration of ACBM to an undamaged condition or to an intact state so as to prevent fiber release.
14. Asbestos-Containing Waste Material (ACWM): Any material to be removed from a work area for disposal that is an asbestos containing material (ACM) or is suspected of being contaminated with ACM.
15. Barrier: Any surface that seals off the work area to inhibit the movement of asbestos fibers.
16. Breathing Zone: A hemisphere forward of the shoulders with a radius of approximately 6 to 9 inches.
17. Category I Non-friable ACM: Asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than one percent (1%) asbestos as determined using the method specified in 40 CFR part 763, subpart F, Appendix A, section 1, Polarized Light Microscopy.
18. Category II Non-friable ACM: Any material, excluding category I non-friable ACM, containing more than one percent (1%) asbestos as determined using the methods specified in 40 CFR part 768, subpart F, Appendix A, section 1, Polarized Light Microscopy that, when dry, cannot be crumbled, pulverized or reduced to powder by hand pressure.
19. Certified Industrial Hygienist (C.I.H.): An industrial hygienist, certified in Comprehensive Practice by the American Board of Industrial Hygiene.
20. Competent Person: An individual, capable of identifying existing asbestos hazards in the workplace and who has authority to take prompt corrective measures to eliminate them. His duties include: establishing the negative-pressure enclosure, ensuring its integrity, and controlling entry to and exit from the enclosure; supervising any employee exposure monitoring; ensuring that all employees working within such an enclosure wear the appropriate personal protective equipment, are trained in the use of appropriate methods of exposure control, and in the use of hygiene facilities and decontamination procedures; and ensuring that engineering controls in use are in proper operating condition and are functioning properly. An individual who has been certified by the State of Missouri as an Asbestos Abatement Supervisor is considered a "Competent Person".

21. Owner's Construction Representative: An employee of the Division of Design and Construction representing the Director during the construction phase of the contract commencing at Notice of Award.
22. Containment: Area where asbestos abatement project is conducted. Area must be enclosed either by a glove bag or plastic sheeting barriers.
23. Critical Barrier: Plastic sheeting or other material to be placed over Work Area openings (i.e., windows, HVAC supply and return vents, doors, electrical fixtures, etc.).
24. Decontamination Facility: The serial arrangement of rooms or spaces for the purpose of separating the work site from the building environment upon entering the Work Area and for the cleaning of persons, equipment and contained waste prior to returning to the clean environment.
25. Disposal Bag: A properly labeled 6 mil. thick leak-tight clear plastic bag used for transporting asbestos waste from work site and to the disposal site.
26. Encapsulant (Sealant): A liquid material which can be applied to asbestos-containing material and which prevents the release of asbestos fibers from the ACM either by creating a membrane over the surface (bridging encapsulant) or by penetrating into the ACM and binding its components together (penetrating encapsulant) or is specifically designed to minimize fiber release during removal of ACM (removal encapsulant).
27. Encapsulation: Treatment of asbestos-containing materials with an encapsulant.
28. Enclosure: The construction of an airtight, impact resistant barrier to isolate a surface coated with ACM.
29. Friable: Any material which when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
30. Glove Bag: A manufactured or fabricated device, typically constructed of six mil transparent polyethylene or polyvinyl chloride plastic. This device consists of two inward projecting long sleeves, an internal tool pouch and an attached, labeled receptacle for asbestos waste.
31. Initial Exposure Assessment: Is a required assessment to be performed by the Contractor's Competent Person (Asbestos Abatement Supervisor) concerning the exposure potential of a specific asbestos projects, or series of similar asbestos projects. If it is concluded that the employee exposures during the project are likely to be consistently below the Permissible Exposure Limit, the Contractor establishes a Negative Initial Exposure Assessment.
32. Outside Air: Air outside containment.

33. Permissible Exposure Limit (PEL): Eight-hour time weighted average of 0.1 fibers/cubic centimeter.
34. Personal Monitoring: Sampling of the asbestos fiber concentrations within the Breathing Zone.
35. Regulated Asbestos-Containing Material (RACM): Friable asbestos material; Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading; or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.
36. Removal: To take out or eliminate ACM from building components, materials, substrates.
37. Third Party Air Monitor (TPAM): The Air Sampling Professional who conducts air monitoring in who is not under the direct control of the abatement contractor and who has been selected by the owner.
38. Visible Emission: Any discharge of an air contaminant into the atmosphere that is visually detectable without the aid of instruments.
39. Work Area: A specific room or physically isolated portion of a room, other than the space enclosed within a glove bag, in which friable asbestos-containing material is required to be handled in accordance with current federal and state regulations. The area is designated as a work area from the time that the room, or portion of it, is secured and access restrictions are in place. The area remains designated as a work area until the time that it has been cleaned in accordance with any requirements applicable to the operations conducted.

B. Abbreviations:

1. AIA: American Institute of Architects
2. AIHA: American Industrial Hygiene Association
3. MoDNR: Missouri Department of Natural Resources
4. DEQ: Division of Environmental Quality, MoDNR
5. DOT: U. S. Department of Transportation
6. EPA: U. S. Environmental Protection Agency
7. MDH: Missouri Department of Health
8. NIOSH: National Institute for Occupational Safety and Health
9. NVLAP: National Voluntary Laboratory Accreditation Program

10. OSHA: Occupational Safety and Health Administration, U. S. Department of Labor.

## 1.6 CODES AND REGULATIONS

- A. This section sets forth governmental regulations and industry standards which are included and incorporated herein by reference and made a part of this specification.
- B. Requirements include adherence to work practices and procedures set forth in applicable codes, regulations and standards.
- C. General Applicability of Codes, Regulations and Standards: Except to the extent that more explicit or more stringent requirements are written directly into the contract documents, all applicable codes, regulations standards, statutes, laws and rules have the same force and effect (and are made a part of the contract documents by reference) as if copied directly into the contract documents, or as if published copies are bound herewith. In the event of conflicting applicable codes, regulations, standards, statutes, laws, or rules, the more stringent shall apply to these specifications.
- D. Contractor Responsibility: The contractor shall assume full responsibility and liability for compliance with all applicable federal, state, and local regulations pertaining to work practices, hauling, disposal and protection of workers, visitors to the site, and persons occupying areas adjacent to the site. The contractor is responsible for providing medical examinations and maintaining medical records of personnel as required by the applicable federal, state, and local regulations. The contractor shall hold the owner harmless for failure to comply with any applicable work, hauling, disposal, safety, health, record keeping or other regulation on the part of himself, his employees, or his subcontractors.
- E. Requirements which govern asbestos abatement work or hauling and disposal of asbestos waste materials include but are not limited to the following:
  1. U. S. Department of Labor, Occupational Safety and Health Administration (OSHA) including but not limited to:
    - a. Title 20, Part 1910, Section 1001 and Part 1926, Section 58 of the Code of Federal Regulations.
    - b. Respiratory Protection, Title 29, Part 1910, Section 134 of the Code of Federal Regulations.
    - c. Construction Industry, Title 29, Part 1926, of the Code of Federal Regulations.
    - d. Access to Employee Exposure and Medical Records, Title, 29, Part 1910, Section 2 of the Code of Federal Regulations.
    - e. Hazard Communication, Title 29, Part 1910, Section 1200 of the Code of Federal Regulations.
    - f. Specifications for Accident prevention Signs and Tags, Title 29, Part 1910, Section 145 of the Code of Federal Regulations.
  2. U. S. Environmental Protection Agency (EPA) including but not limited to:

- a. National Emission Standards for Hazardous Air Pollutants (NESHAPS) Title 40, Part 61, Subpart M of the Code of Federal Regulations.
  - b. Asbestos Hazard Emergency Response Act (AHERA), Public Law (99-519) applicable only on schools.
  - c. Asbestos-Containing Materials in Schools: Title 40, Part 763 of the Code of Federal Regulations, applicable only on schools.
3. U. S. Department of Transportation (DOT)
- a. Title 49, Part 172, Section 101 of the Code of Federal Regulations.
4. State of Missouri
- a. H.B. 77, 85th General Assembly.
  - b. Missouri Air Conservation Law, Chapter 643.
  - c. Due to a recent court decision, the following Code of State Regulations do not apply to this specification:
    1. 10 CSR 10-6.020, Definitions
    2. 10 CSR 10-6.080, Emission Standards for Hazardous Air Pollutants.
    3. 10 CSR 10-6.230, Administrative Penalties
    4. 10 CSR 10-6.240, Asbestos Abatement Projects-Registration, Notification and Performance Requirements.
    5. 10 CSR 10-6.250, Asbestos Abatement Projects - Certification, Accreditation, and Business Exemption Requirements.

## **PART 2 - EXECUTION**

### **2.1 NOTIFICATIONS**

- A. If material being removed amounts to more than 260 LF, 160 SF or 35 cubic feet or if abatement is being done prior to a demolition, Notification shall be completed and sent by the contractor not less than ten (10) days before the intended starting date of the project. For amounts less than the above, contractor shall send a courtesy Notification. Use EPA form "Notification of Demolition and Renovation", and the MoDNR form "Asbestos Project Notification", to the following:
1. Department of Natural Resources  
Air Pollution Control Program (ASBESTOS)  
P. O. Box 176  
Jefferson City, MO 65102
  2. Provide copies of these notifications to the state's independent oversight consultant, the Construction Administrator.

- B. A Post-Notification report shall be completed and sent by the Contractor to the agencies listed in 2.1A above within 45 days of the completion of the project. The MoDNR form "Asbestos Post Notification" is to be used for that purpose.

## 2.2 SUBMITTALS

- A. The following submittals will be required of the contractor prior to commencement of work and are subject to approval by the Owner's Construction Representative. The contractor shall send one copy of the submittals for approval and then send approved copies of the submittals to the distribution list as discussed at the Pre-Construction Conference.
1. Copy of Material Safety Data Sheets (MSDS) for each product to be used by the contractor in the performance of his work. Contractor will also maintain copies of the MSDS on site, per OSHA.
  2. A copy of the notifications to regulatory agencies as required in Section 2.1 of this specification.
  3. Current training certificates and MoDNR licenses for project superintendent, asbestos abatement supervisor(s), and asbestos workers. Superintendent shall meet the qualifications established in Section 2.8 of these specifications.
  4. Name, address, and contact person's name of testing laboratory or laboratories to be utilized by the contractor (this is not the TPAM) in analyzing samples for bulk analysis or air monitoring from taking personal air samples. Required by OSHA.
  5. Provide a detailed work schedule with milestones for the completion of the project within the established timeframe.
  6. Provide a disposal plan to detail the types of disposal containers to be used, the methods of transportation to the disposal site, the waste hauler, and disposal site. Copies of notifications required as part of the emergency notification plan in Section 2.6 of this specification.
- B. Upon completion of the work and prior to final payment, the following information must be submitted to the Construction Administrator.
1. Waste disposal receipts and waste shipment record on all asbestos waste removed from the project. The enclosed Waste Shipment Record and Receipt form (or something similar) must be used for every load brought to the waste disposal site. The disposal and/or shipment record must include the following information:
    - a. Work site name and address
    - b. Project Number
    - c. Owner's name and telephone
    - d. Operator's (Contractor's) name, address and telephone
    - e. Waste Disposal Site name, address and telephone

- f. Name and address of responsible agency
  - g. Type of materials and quantity in cubic yards
  - h. Name, address and phone number of transporter, and date of transport
  - i. Name, address and phone number of Waste Disposal Site representative and date material was received.
2. Written certification from the TPAM as required in Section 2.7 of this specification. (Applies only to materials considered RACM.)
  3. MoDNR "Asbestos Post Notification" form, within 45 days of the completion of the project.
  4. Any other specific requirements spelled out in the General Conditions.

### **2.3 TESTING LABORATORY**

- A. Testing laboratories utilized by the contractor for OSHA required sample analysis during the project shall meet the following minimum requirements.
- B. For bulk sample analysis the laboratory must be accredited by the National Voluntary Laboratory Accreditation Program for asbestos fiber analysis.
- C. For air samples analyzed by Phase Contrast Microscopy, the laboratory must be accredited by the American Industrial Hygiene Association.
- D. For air samples analyzed by Transmission Electron Microscopy, the laboratory must be accredited by the National Voluntary Laboratory Accreditation Program.
- E. On-site analysis by Phase Contrast Microscopy, when applicable, shall be by an Air Sampling Technician or Air Sampling Professional.
- F. Neither the contractor, nor any of his principals, officers, or directors may have any financial or business interests in any laboratory utilized on this contract.

### **2.4 LOCAL AREA PROTECTION/SITE SECURITY**

- A. The contractor shall be responsible for all areas of the building used by him and/or subcontractors in the performance of the work. He shall exert full control over the actions of all employees and other persons with respect to the use and preservation of the existing building, except such controls as may be specifically reserved to the owner by these specifications.
- B. The contractor has the right to exclude from the work area all persons who have no purpose related to the work or its inspection, and shall require all persons in the work area to observe the same regulations as he requires his employees.
- C. The contractor shall have control of site security during abatement operations in order to protect his work and equipment. He will have the owner's assistance in notifying building occupants of impending activity and enforcement of restricted access by owner's

employees.

- D. The contractor shall keep, as a minimum, two 10 lbs. type ABC fire extinguishers on site at all times. One extinguisher will be maintained outside the work area and one inside the work area. The contractor's employees shall be trained in the use and operation of the extinguishers. (Applies only to interior work.)
- E. As a minimum requirement, barriers must be constructed of regulatory specified layers of poly and ½-inch plywood and 2-inch by 4-inch framing 16 inches on center, with lockable door, to isolate any areas from employees, clients, and the public. (For outside work, where such barriers are impractical, other regulatory compliant poly containment methods can be considered/accepted on a case-by-case basis. Use of barrier tape on non-RACM roof projects can be considered/accepted on a case-by-case basis.)
- F. The contractor shall use as small an area as necessary for storage of supplies and equipment and shall keep in a neat and orderly fashion. Trash must be removed daily and will not be allowed to accumulate.
- G. The contractor shall maintain the work area free from rubbish, debris, and dirt and keep a clean safe work area. The contractor shall take measures to keep surfaces free from contamination or shall clean and lock down surfaces after work is done, protect with plastic sheeting and/or plywood during work, or remove from the work area.
- H. **Contractor is responsible for all damage to the structure other than that required for the removal of the ACMs. At the conclusion of the project, the contractor must repair such incidental damage including tape and glue residue, paint coatings and damage to surfaces, finishes and building components.**

## 2.5 WORKER PROTECTION/TRAINING (AS NOTED)

- A. The contractor shall be responsible for providing his employees with proper respiratory protection, respiratory training, a written respirator program, medical examinations, protective clothing and equipment and for maintaining medical records to comply with OSHA requirements.
- B. The contractor shall be responsible for all testing and costs incurred for complying with requirements OSHA regulations for Personal Monitoring.
- C. All workers are to be trained in the dangers inherent in handling asbestos and breathing asbestos dust and in proper work procedures and personal and protective measures.

## 2.6 EMERGENCY PROTECTION PLAN

- A. The contractor shall be responsible for developing a written site-specific Emergency Protection Plan and shall maintain this plan on site. The plan shall include considerations for asbestos leakage from site, fire, explosion, toxic atmospheres, electrical hazards, slips, falls, and heat related injury. All employees shall be instructed and trained in the procedures.

- B. Emergency protection planning shall also include written notification of police, fire, and medical personnel of the planned abatement activities, work schedule, and the layout of the work area, particularly barriers that may affect response capabilities.

## **2.7 THIRD PARTY AIR MONITORING (TPAM)**

- A. The Owner will contract with an Air Sampling Professional to perform the following minimum duties:
  - 1. Review Contractor's submittals and work plan and provide recommendations.
  - 2. As a minimum, during abatement operations, at least three samples daily shall be collected outside the work area at locations of barriers separating the work areas from other portions of the building. One sample shall be required at the decontamination entrance to the area. Samples shall be analyzed by PCM. Any result above the action level or OSHA PEL of 0.1 f/cc (8 hr TWA), or EL of 1.0 f/cc (30 min TWA) must be immediately reported to the Construction Administrator and cause operations to cease and corrective measures be taken.
  - 3. Provide Construction Administrator with reports describing amount and type of work done, regulatory concerns, notable air monitoring reports, etc.
  - 4. A visual clearance of the work area will be conducted prior to clearance.
  - 5. Clearance air samples will be collected from within the work area as discussed in Section 2.9.
  - 6. Certify that the contractor's procedures, methods, and practices were in full compliance with current federal or state regulations, using the Appendix A form "TPAM Statement of Compliance".
- B. The TPAM shall be independent from the abatement contractor.

## **2.8 SUPERINTENDENCE OF ABATEMENT**

- A. The contractor shall designate an abatement superintendent, subject to approval of the contractor's representative, who will serve as the contractor's representative on the project and will ensure that all work is performed in compliance with all applicable regulations and following minimum requirements:
  - 1. The Abatement Superintendent must be certified as an Asbestos Abatement Supervisor, and must have at least one year full time experience in asbestos abatement work.
  - 2. Shall be on site whenever work is going on.
  - 3. Maintain a daily log documenting project events, visitations/inspections, problems, and accidents.

4. Implement first aid, safety training, respiratory protection, and ensure workers are trained in emergency procedures.
5. Conduct visual inspection of the work area prior to TPAM's final clearance inspection. This inspection shall be documented on the form "Contractor's Superintendent Visual Inspection Report", Appendix B of specification 13240A Asbestos Abatement Forms.
6. Supervise activities of any subcontractors of the contractor to ensure compliance with contract documents.
7. Duties shall include those for the "Competent Person" as defined in this specification.

## 2.9 FINAL CLEARANCE REQUIREMENTS

- A. All critical barriers and/or containment must remain in place until work area is cleared by TPAM and Construction Manager in accordance with this section.
- B. Following the completion of the abatement work, the abatement superintendent shall notify the Construction Administrator. The superintendent shall then perform a visual inspection of the work area. If satisfactory, he shall contact the TPAM. The TPAM shall perform a visual inspection and final air monitoring for clearance if he/she feels the abatement has been completed.
- C. Aggressive air sampling shall be performed by the TPAM.
- D. All clearance samples will be analyzed, at a minimum, by the PCM (NIOSH 7400) method, unless specifically stated elsewhere within this specification. The TPAM shall take a minimum of 5 samples inside each affected work space (or one per room whichever is greater), 1 field blank and 1 sealed blank. The abatement shall be considered complete when the result of each of 5 inside clearance samples indicate airborne fiber ( $> 0.25 \mu\text{m dia.} \times 5 \mu\text{m L}$ ) concentrations are no greater than the PCM limit of quantitation of 0.01 f/cc of air. Test results should be made available to the contractor within 24 hours. If the NIOSH 7400 PCM clearance sampling method fails, then the TEM method 7402 may be utilized to further evaluate the air sample(s) that exceed 0.01 f/cc. The TPAM will be responsible for determining if a failing PCM sample will be analyzed by TEM 7402.
- E. **Any work areas failing to meet the clearance requirements of this section shall be re-cleaned and re-tested at the contractor's expense until satisfactory levels are obtained. The owner will not reimburse the contractor for re-cleaning the work area. The TPAM will separate their costs for the re-testing from their already agreed upon services. The owner will deduct, by contract change, the cost of the TPAM's re-testing activities including any lab fees, travel and re-inspection and/or air monitoring fees from the contractor's contract amount.**

## 2.10 RE-ESTABLISHMENT OF THE WORK AREA AND SYSTEMS

- A. Re-establishment of the work area shall only occur after the contractor has complied with the clearance requirements of Section 2.9. Upon clearance, and prior to the removal of barriers, an encapsulant shall be applied by the contractor. All barriers, signs, trash, and equipment shall then be removed from the site. All electrical and HVAC systems shall be re-established.
- B. All damage to finishes, equipment, and/or the area affected by the abatement shall be repaired by the contractor to equal or better condition as was prior to the work, at no cost to the owner.

## **2.11 WASTE DISPOSAL**

- A. All ACWM shall be disposed of in compliance with current federal and state regulations.
- B. RACM and category II nonfriable ACM that is disposed of in Missouri shall be disposed of in a sanitary landfill having a state permit to operate. ACM shall be disposed of in a demolition landfill or a sanitary landfill having a state permit to operate. The landfill shall handle all ACWM so that it does not become friable. Demolition landfills shall cover category I nonfriable ACM with at least six (6) inches of soil or non-asbestos waste at the end of each operating day.
- C. A chain of custody letter/waste shipment record and disposal receipts shall be provided to the owner for all materials disposed of. The attached Waste Shipment Record and Receipt form (or something similar) may be used.
- D. The waste shipment record shall be originated and signed by the waste generator and shall be used to track and substantiate the disposition of ACWM.

## **2.12 LISTING OF ASBESTOS CONTAINING MATERIALS (ACMs)**

See the Asbestos Survey Activities prepared by SCI Engineering, Inc. and dated January 27, 2025. This report identifies the ACM's type/color/friability and percent asbestos content, location, and approximate quantity. These tables are meant to assist the abatement contractor, by providing a listing of all available info used to develop the asbestos abatement specification, drawing(s), and SOW. It is the responsibility of the Contractor to field verify all ACM locations, conditions, and quantities.

**END OF SECTION 028213**

APPENDIX A

CONTRACTOR/SUPERVISOR'S ASBESTOS ABATEMENT COMPLETION CERTIFICATION FORM

PROJ NUMBER/TITLE: \_\_\_\_\_

\_\_\_\_\_

SITE/BLDG NAME: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

WORK AREA(S): \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

ABATEMENT CONTRACTOR: \_\_\_\_\_

\_\_\_\_\_

TPAM CONSULTANT: \_\_\_\_\_

\_\_\_\_\_

I \_\_\_\_\_, hereby certify that all asbestos abatement work has been (Print  
abatement Contractor/Supervisor representative name)  
completed in accordance with the project's contract documents; applicable Federal, State, and Local asbestos regulations; and I affirm that I  
have inspected and found the abatement work area to be free of visible dust and debris, and ready for subsequent TPAM final clearance.

\_\_\_\_\_  
Signature of Contractor/Supervisor

\_\_\_\_\_  
Date and Time

APPENDIX B

THIRD PARTY AIR MONITORING (TPAM) REPRESENTATIVE'S FINAL CLEARANCE CERTIFICATION FORM

PROJ NUMBER/TITLE: \_\_\_\_\_

\_\_\_\_\_

SITE/BLDG NAME: \_\_\_\_\_

\_\_\_\_\_

WORK AREA(S): \_\_\_\_\_

\_\_\_\_\_

ABATEMENT CONTRACTOR: \_\_\_\_\_

TPAM CONSULTANT: \_\_\_\_\_

I \_\_\_\_\_ certify that I have monitored the abatement contractor's work; and  
have (Print TPAM representative's name)  
inspected and found the abatement contractor's work to be 100% complete, free of visible dust/debris, ready for final clearance air monitoring;  
and affirm that the completed project has achieved passing Final Clearance Air Monitoring, and that the affected area is safe for reoccupancy  
and operational use.

\_\_\_\_\_  
Signature of TPAM representative

\_\_\_\_\_  
Date and Time

APPENDIX C – PAGE 1 OF 2

**EPA NOTIFICATION OF DEMOLITION AND RENOVATION**

Operator Project #	Postmark	Date Received	Notification Number	
I. TYPE OF NOTIFICATION (O=Original R=Revised C=Cancelled):				
II. FACILITY INFORMATION (Identify owner, removal contractor, and other operator)				
OWNER NAME:				
ADDRESS:				
CITY:		STATE:	ZIP CODE:	
CONTACT:		TELEPHONE:		
REMOVAL CONTRACTOR:				
ADDRESS:				
CITY:		STATE:	ZIP:	
CONTACT:		TELEPHONE:		
OTHER OPERATOR:				
ADDRESS:				
CITY:		STATE:	ZIP:	
CONTACT:		TELEPHONE:		
III. TYPE OF OPERATION: (D=DEMO O=ORDERED DEMO R=RENOVATIONS E=EMERGENCY RENOVATION):				
IV: IS ASBESTOS PRESENT (YES/NO)				
V. FACILITY DESCRIPTION (INCLUDE BUILDING NAME, NUMBER AND FLOOR OR ROOM NUMBER)				
BUILDING NAME:				
ADDRESS:				
CITY:		STATE:	ZIP:	
SITE LOCATION:				
BUILDING SIZE:		NUMBER OF FLOORS:	AGE IN YEARS:	
PRESENT USE:		PRIOR USES:		
VI. PROCEDURE, INCLUDING ANALYTICAL METHOD, IF APPROPRIATE, USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL:				
VII. APPROXIMATE AMOUNT OF ASBESTOS, INCLUDING: 1. Regulated ACM to be removed 2. Category I ACM not removed 3. Category II ACM not removed		NONFRIABLE ASBESTOS MATERIAL NOT TO BE REMOVED		INDICATE UNIT OF MEASUREMENT BELOW
RACM TO BE REMOVED		Cat. I	Cat. II	UNIT
PIPES:				LnFt:      Ln m:
SURFACE AREA:				SqFt:      Sq m:

General Headquarters Complex  
 Renovations to Interior/Exterior & Install Emergency Generator  
 Multiple Assets  
 Jefferson City, MO

State Project Number: R2502-01

VOL RACM OFF FACILITY COMPONENT:				CuFt:	Cu m:
VIII. SCHEDULED DATES ASBESTOS REMOVAL (mm/dd/yy)	Start:		Complete:		
IX. SCHEDULED DATES DEMO/RENOVATION (mm/dd/yy)	Start:		Complete:		

Continued on page two

APPENDIX C – PAGE 1 OF 2

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED :		
XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE DEMOLITION AND RENOVATION SITE:		
XII. WASTE TRANSPORTER #1		
NAME:		
ADDRESS:		
CITY:	STATE:	ZIP:
CONTACT PERSON:		TELEPHONE:
WASTE TRANSPORTER #2		
NAME:		
ADDRESS:		
CITY:	STATE:	ZIP:
CONTACT PERSON:		TELEPHONE:
XIII. WASTE DISPOSAL SITE		
NAME:		
LOCATION:		
CITY:	STATE:	ZIP:
TELEPHONE:		
XIV: IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, PLEASE IDENTIFY THE AGENCY BELOW:		
NAME:		TITLE:
AUTHORITY:		
DATE OF ORDER (mm/dd/yy):	DATE ORDER TO BEGIN (mm/dd/yy):	
<b>XV: FOR EMERGENCY RENOVATIONS</b>		
DATE AND HOUR OF EMERGENCY (mm/dd/yy):		
DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT:		
EXPLANATION OF HOW THE EVENT CAUSED UNSAFE CONDITIONS OR WOULD CAUSE EQUIPMENT DAMAGE OR AN UNREASONABLE FINANCIAL BURDEN:		
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NONFRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER:		
I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR PART 61, SUBPART M) WILL BE ON-SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION DURING NORMAL BUSINESS HOURS. (REQUIRED 1 YEAR AFTER PROMULGATION)		
(Signature of Owner/Operator)		(Date)

General Headquarters Complex  
Renovations to Interior/Exterior & Install Emergency Generator  
Multiple Assets  
Jefferson City, MO

State Project Number: R2502-01

I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT:

(Signature of Owner/Operator)

(Date)

ORIGINAL

REVISION

EMERGENCY

CANCELLATION



Greater than or equal to 160 square feet of 260 linear feet of friable asbestos-containing material.

Less than 160 square feet or 260 linear feet of friable asbestos containing material.

**NOTE:** A non-refundable review fee of \$100 must be submitted for any asbestos abatement project involving 160 or more square feet or 260 or more linear feet of friable asbestos-containing material, and for planned renovation projects as defined in U.S. EPA Regulation 40 CFR 61 Subpart M. Make checks payable to: MISSOURI AIR POLLUTION CONTROL PROGRAM

**PART A AUTHENTICATION**

ASBESTOS CONTRACTOR ADDRESS	CITY	STATE	ZIP	TELEPHONE NUMBER
MISSOURI REGISTRATION NUMBER		REGISTRATION EXPIRATION DATE		
I CERTIFY THAT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF FEDERAL REGULATION (40 CFR PART 61 SUBPART M) WILL BE ON-SITE DURING THE PROJECT AND PROOF THAT THIS PERSON HAS COMPLETED THE REQUIRED TRAINING WILL BE AVAILABLE FOR INSPECTION BY THE DEPARTMENT.				
THE ASBESTOS CONTROL MEASURES PRACTICED ON THIS PROJECT WILL COMPLY WITH 10 CSR 10-6.240 AND THE STANDARDS FOR WORK PROTECTION ESTABLISHED BY OSHA IN 29 CFR 1926.58 AND 1910.1001.				
BY MY SIGNATURE, I ATTEST THAT ALL ASBESTOS ABATEMENT PROCEDURES SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE STATE AND FEDERAL REGULATIONS.				
I HEREBY CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE AND UNDERSTANDING, THE INFORMATION PROVIDED IN THIS NOTIFICATION IS TRUE AND CORRECT.				
SIGNED			DATE	
PRINTED NAME AND TITLE				

**PART B ADDITIONAL INFORMATION**

IF AN UNSAFE STRUCTURE IS BEING DEMOLISHED UNDER ORDER OF A STATE OR LOCAL GOVERNMENTAL AGENCY, GIVE NAME, TITLE, AND AUTHORITY OF INDIVIDUAL WHO ORDERED THE DEMOLITION. INCLUDE COPY OF SIGNED ORDER.

NAME	TITLE	AUTHORITY OF INDIVIDUAL	TELEPHONE NUMBER
------	-------	-------------------------	------------------

IF A WAIVER OF ANY PORTION OF 10 CSR 10-240 IS REQUESTED, INDICATE THE WAIVER DESIRED AND THE JUSTIFICATION FOR SUCH A WAIVER, IDENTIFY ITEM NUMBER. USE SUPPLEMENTAL SHEET TO DESCRIBE PROPOSED ALTERNATIVE WORK PRACTICE.

WAIVER	JUSTIFICATION
--------	---------------

NAME OF AIR SAMPLING PROFESSIONAL PERFORMING CLEARANCE AIR MONITORING FOR THIS PROJECT

ADDRESS	CITY	STATE	ZIP	TELEPHONE NUMBER
---------	------	-------	-----	------------------

**PART C PROJECT DESCRIPTION**

COUNTY WHERE PROJECT IS TO BE PERFORMED	PROJECT NAME OR NOTIFICATION NUMBER		
CONTRACTORS ON-SITE SUPERVISOR	PROJECT SITE TELEPHONE NUMBER		
PROJECT SITE ADDRESS	CITY	STATE	ZIP

General Headquarters Complex  
Renovations to Interior/Exterior & Install Emergency Generator  
Multiple Assets  
Jefferson City, MO

State Project Number: R2502-01

OWNER NAME	OWNER CONTACT PERSON	TELEPHONE NUMBER
OWNER ADDRESS		

<b>PART C PROJECT DESCRIPTION (CONTINUED)</b>			
PROJECT TYPE       OPERATIONS AND MAINTENANCE       REMOVAL       ENCLOSURE <input type="checkbox"/> REPAIR       RENOVATION       DEMOLITION       DISMANTLING       ENCAPSULATION			
DESCRIBE PROCEDURE USED FOR THE DETECTION OF RACM INCLUDING ANALYTICAL METHOD EMPLOYED IF APPROPRIATE			
DESCRIPTION AND QUANTITY OF FRIABLE ASBESTOS MATERIALS TO BE DISTURBED.(REPORT ONLY DEBRIS IN CUBIC FEET)			
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
<b>TOTAL FRIABLE ACM</b>	SQUARE FEET	LINEAR FEET	CUBIC FEET
<b>NOTE:</b> If project is NESHAPS size, attach laboratory sample analysis for all friable asbestos materials to be disturbed. Per 10 CSR 10-6.240 (4) (A), OSHA Material Safety Data Sheet, OMB #1218-0072, may be substituted if it lists percent asbestos content.			
QUANTITY OF MATERIAL WHICH WILL BE ABOVE 150° WHEN DISTURBED. A WAIVER MUST BE REQUESTED AND WORK PRACTICES SUBMITTED FOR WORK OF THIS NATURE.			
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
DESCRIPTION AND QUANTITY OF NON-FRIABLE ASBESTOS MATERIALS TO BE DISTURBED.			
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
MATERIAL	SQUARE FEET	LINEAR FEET	CUBIC FEET
<b>NOTE:</b> If chemical mastic removers are to be used to remove floor covering mastic, attach Material Safety Data Sheet for the remover to be used.			
DESCRIBE ABATEMENT WORK INCLUDING LOCATION IN BUILDING, PLANNED DEMOLITION/RENOVATION, AND METHODS TO BE USED.			
DESCRIBE WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSION OF ASBESTOS			
DESCRIBE THE CONTINGENCY PLAN IF UNEXPECTED RACM IS DISCOVERED			

General Headquarters Complex  
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Multiple Assets  
Jefferson City, MO

State Project Number: R2502-01

APPROXIMATE AGE OF STRUCTURE	PRESENT USE OF STRUCTURE	FORMER USE OF STRUCTURE IF KNOWN
------------------------------	--------------------------	----------------------------------



General Headquarters Complex  
Renovations to Interior/Exterior & Install Emergency Generator  
Multiple Assets  
Jefferson City, MO

State Project Number: R2502-01


APPENDIX E



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 AIR POLLUTION CONTROL PROGRAM  
**ASBESTOS POST-NOTIFICATION FORM**

**GENERAL INSTRUCTIONS**

Asbestos abatement projects of a magnitude of ten (10) square feet, sixteen (16) linear feet or greater are required to submit post-notification to the department within sixty (60) days of the completion date submitted on your initial notification or application form to the department. This post-notification shall include a signed and dated receipt of the asbestos disposal slip(s) as well as the final clean air results. These documents, inspection fees (if applicable), as well as the completed post-notification form shall be mailed to the following address:

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
 AIR POLLUTION CONTROL PROGRAM (ASBESTOS)  
 P. O. BOX 176  
 Jefferson City, Missouri 65102

**PART A ASBESTOS PROJECT INFORMATION**

NAME OF CONTRACTOR

CONTRACTOR CONTACT PERSON

BUILDING/STRUCTURE OWNER NAME

STREET ADDRESS

CITY

STATE

ZIP

START DATE OF PROJECT

COMPLETION DATE OF PROJECT

**PART B AIR SAMPLING AND LABORATORY INFORMATION**

ANALYTIC LABORATORY UTILIZED FOR FINAL AIR RESULTS NAME

STREET ADDRESS

CITY

STATE

ZIP

TELEPHONE

CONTACT PERSON

**NOTE:** INCLUDE A COPY OF THE FINAL CLEARANCE AIR RESULTS

APPENDIX F

**WASTE SHIPMENT RECORD AND RECEIPT**

<b>GENERATOR</b>	1. Work site name and address		Project Number	Owner's telephone no.	Owner's name and mailing address	
	2. Operator's name and address				Operator's telephone number	
	3. Waste disposal (WDS) name, mailing address, and physical site location				WDS telephone number	
	4. Name and address of responsible agency:					
	5. Description of materials	No.	6. Containers	Type	7. Total quantity (cubic yards)	
	Friable					
	Category I, Non-Friable, Non RACM					
	Category II, Non-Friable, Non RACM					
	Other:					
	8. Special handling instructions and additional information RQ (ASBESTOS) Class 9 NA 2212 P.G. III					
<b>9. OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and government regulations.</b>						
Printed/typed name and title		Signature		Month	Day	Year
10. Transporter 1 (Acknowledgment of receipt of materials)						
Printed/typed name, title, address and phone no.		Signature (Truck Driver)		Month	Day	Year
11. Transporter 2 (Acknowledgment of receipt of materials)						
12. Discrepancy Indication space						

General Headquarters Complex  
Renovations to Interior/Exterior & Install Emergency Generator  
Multiple Assets  
Jefferson City, MO

State Project Number: R2502-01

<b>DISPOSAL SITE</b>	13. Waste disposal site owner or operator:				
	Certification of receipt of asbestos materials covered by this manifest except as noted in Item 12.				
	Printed/typed name and title	Signature	Month	Day	Year

**SECTION 129500 – VENDOR SUPPLIED AND CONTRACTOR INSTALLED FURNITURE, FIXTURES, AND EQUIPMENT**

**PART 1 - GENERAL**

**1.1 SUMMARY**

A. Section Includes:

1. Vendor supplied and contractor installed furniture, fixtures, and equipment.

**PART 2 - VENDOR SUPPLIED AND CONTRACTOR ASSEMBLED AND INSTALLED FURNITURE, FIXTURES, AND EQUIPMENT**

Select furniture, fixtures, and equipment (FF&E) will be procured through approved vendors. The contractor shall coordinate directly with the vendor to schedule delivery, take receipt of all items, and inspect the delivered FF&E for completeness and conformance with the purchase order and associated product cut sheets.

Contractor shall verify that all items received match the quantities, models, and specifications indicated in the appendix cut sheets. Any discrepancies or missing items shall be reported immediately to the vendor/owner and project team for resolution prior to installation.

For items that require contractor assembly and/or installation, the contractor shall complete all required assembly, setup, and secure installation in accordance with manufacturer instructions and project requirements.

**PART 3 - PRODUCT CUT SHEETS FOR VENDOR SUPPLIED AND INSTALLED FURNITURE, FIXTURES, AND EQUIPMENT: See Exhibit C for all Vendor Supplied and Contractor installed FF&E**

**END OF SECTION 129500**

EXHIBIT C

## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>BD-1</b>		
<b>Product:</b>	<b>Single Bed</b>	<b>Qty:</b>	<b>126</b>
<b>Manufacturer:</b>	<b>MVE (Basis-of-Design)</b>	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b> Refer to Furniture Plans for Locations

**Description:**

Single XL Twin Bed, Bed end and side rails made from oak, inside support & slats made from poplar  
Dimensions: 38"W x 86"L x 36" H

**Finish/Color:**

Oak/Poplar Wood; Stain: Dark Oak

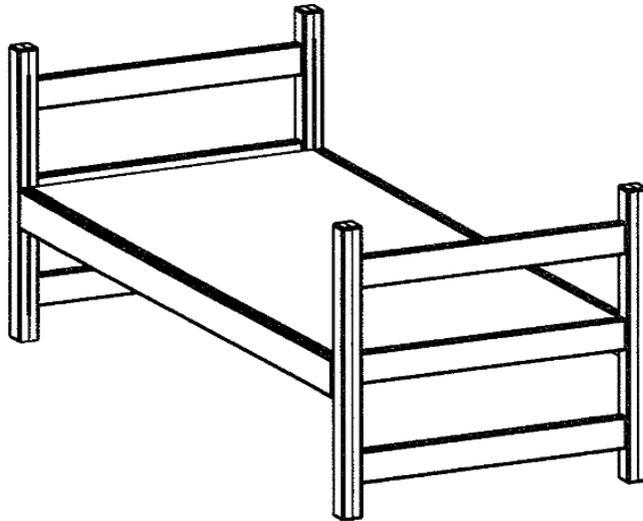
**Options:**

Can accommodate Dormitory Twin (XL) mattresses

**Responsibility:**

Owner provided, Contractor installed

**Image:**



## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>CHR-1</b>		
<b>Product:</b>	Navigator Nesting Chair without Arms	<b>Qty:</b>	<b>161</b>
<b>Manufacturer:</b>	MVE (Basis-of-Design)	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b>
			Refer to Furniture Plans for Locations

**Description:**

Nesting chair without arms, Upholstered seat and dimpled polypropylene back  
 Seat: 18"H x 17.25"W x 18.5"D, Back: 14"H x 18.25" W

**Finish/Color:**

Foundation 10 Navy Upholstery

**Options:**

Optional arms

**Responsibility:**

Owner provided, Contractor installed

**Image:**



## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>CHR-2</b>		
<b>Product:</b>	Suave Chair	<b>Qty:</b>	<b>62</b>
<b>Manufacturer:</b>	MVE (Basis-of-Design)	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b>
			Refer to Furniture Plans for Locations

**Description:**

Fully upholstered lounge chair

Dimensions: 32"W x 28.25"H x 33.5"D

**Finish/Color:**

Duraweave 10, Indigo

**Options:**

Silver post legs or wooden legs

**Responsibility:**

Owner provided, Contractor installed

**Image:**



# Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>DSK-1</b>		
<b>Product:</b>	<b>Work Table with Pencil Drawer</b>	<b>Qty:</b>	<b>124</b>
<b>Manufacturer:</b>	<b>MVE (Basis-of-Design)</b>	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b> Refer to Furniture Plans for Locations

**Description:**

Study desk with pencil drawer, oak construction, laminate top  
 Dimensions: 36"W x 24"D x 30" H

**Finish/Color:**

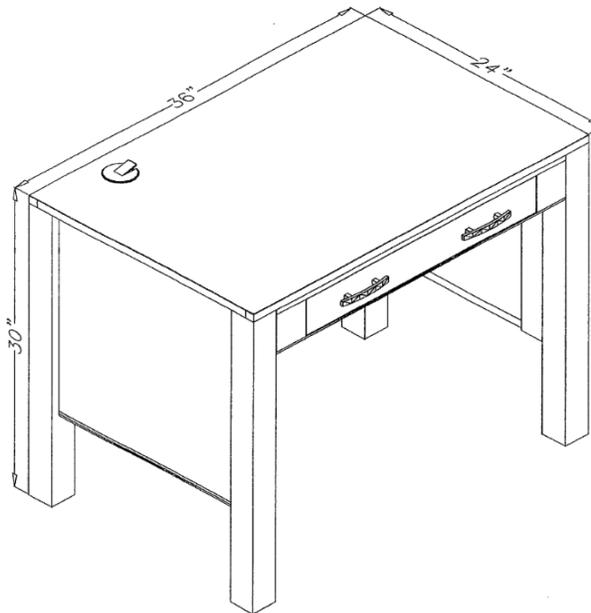
Wood: Oak; Stain: Dark Oak

**Options:**

**Responsibility:**

Owner provided, Contractor installed

**Image:**



# Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>DSK-2</b>		
<b>Product:</b>	Desk Carrell	<b>Qty:</b>	<b>124</b>
<b>Manufacturer:</b>	MVE (Basis-of-Design)	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b> Refer to Furniture Plans for Locations

**Description:**

Desktop Storage unit  
  
Dimensions: 36"W x 12"D x 26"H  
One Shelf

**Finish/Color:**

Wood: Oak, Stain: Dark Oak

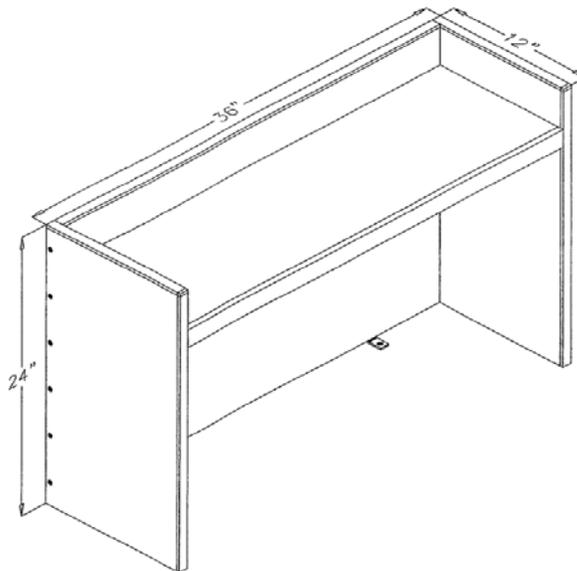
**Options:**

LED light under shelf

**Responsibility:**

Owner provided, Contractor installed

**Image:**



## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>DSK-3</b>		
<b>Product:</b>	Directors Collection Desk with Return	<b>Qty:</b>	<b>13</b>
<b>Manufacturer:</b>	MVE (Basis-of-Design)	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b> Refer to Furniture Plans for Locations

**Description:**

Dimensions: 30"H x 30"W x 72"L, Return: 30"H x 24"W, x 53.25"L  
 Desk with center kneehole drawer w/ lock, 2-box drawers, file drawer w/ lockm grommets on top and center front panel. Return has keyboard pullout, grommet on top and back panel.

**Finish/Color:**

Wood: Oak, Stain English Oak

**Options:**

Left or Right return.

**Responsibility:**

Owner provided, Contractor installed

**Image:**



## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>LT-1</b>		
<b>Product:</b>	Table Lamp (CT5382)	<b>Qty:</b>	<b>66</b>
<b>Manufacturer:</b>	Mario Lighting (Basis-of-Design) Approved Equivalents: Visa Lighting - Allegro Remington Lighting - Style 13567.01	<b>Lead Time:</b> <b>Warranty:</b>	Weeks Years
		<b>Location:</b>	<b>Rooms:</b> Refer to Furniture Plans for Locations
<b>Description:</b>	Table lamp with classic shade, On/Off rocker at base, USB & Base switch Dimensions: 13"T x 13"B x 10"H - cream Linen Shade		
<b>Finish/Color:</b>	White		
<b>Options:</b>	N/A		
<b>Responsibility:</b>	Owner provided, Contractor installed		
<b>Image:</b>			

# Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>NS-1</b>		
<b>Product:</b>	Night Stand	<b>Qty:</b>	66
<b>Manufacturer:</b>	MVE (Basis-of-Design)	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b> Refer to Furniture Plans for Locations

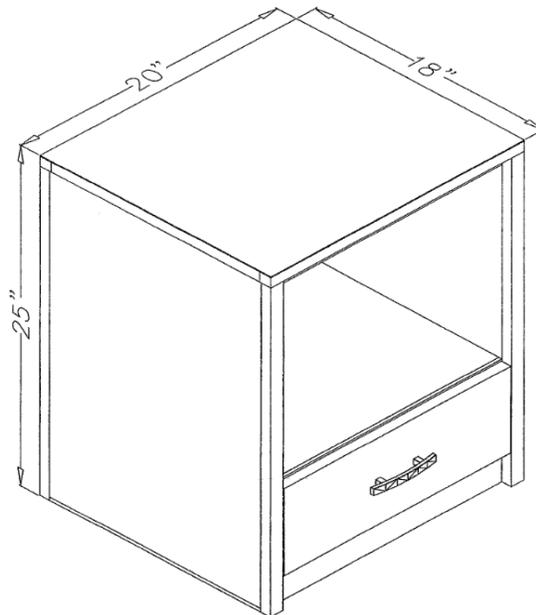
**Description:** Nightstand with top drawer and open compartment below  
Dimensions: 20"W x 18"D x 25"H

**Finish/Color:** Wood: Oak, Stain: Dark Oak

**Options:** N/A

**Responsibility:** Owner provided, Contractor installed

**Image:**



## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>SOF-1</b>		
<b>Product:</b>	Suave Sofa	<b>Qty:</b>	<b>2</b>
<b>Manufacturer:</b>	MVE (Basis-of-Design)	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b>
			Refer to Furniture Plans for Locations

**Description:**

Fully upholstered sofa

Dimensions: 78"L x 33.5"W x 28.25"H  
Attached cushions standard

**Finish/Color:**

Duraweave 10, Indigo

**Options:**

Silver post legs or wooden legs

**Responsibility:**

Owner provided, Contractor installed

**Image:**



## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>T-1</b>		
<b>Product:</b>	Coffee Table	<b>Qty:</b>	<b>2</b>
<b>Manufacturer:</b>	MVE (Basis-of-Design)	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b>
			Refer to Furniture Plans for Locations

**Description:**

Coffee Table with Laminate top

Dimensions: 48"W x 24"D x 18"H

**Finish/Color:**

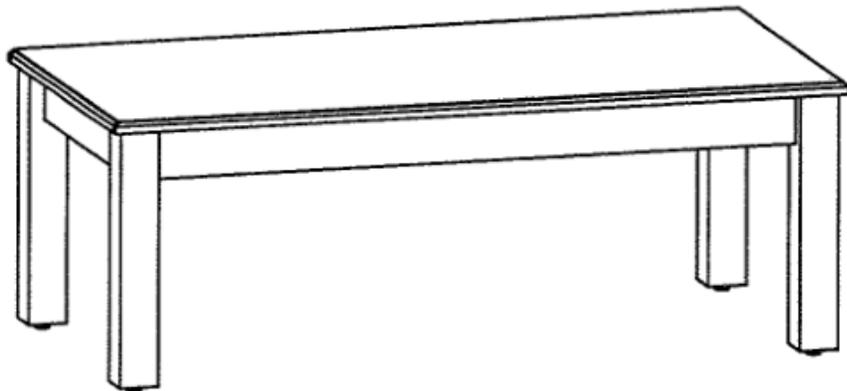
Wood: Oak, Stain: Dark Oak, Laminate: English Oak

**Options:**

**Responsibility:**

Owner provided, Contractor installed

**Image:**



## Missouri State Highway Patrol Dormitory Renovation

<b>Tag:</b>	<b>WRD-1</b>		
<b>Product:</b>	<b>Double Wardrobe</b>	<b>Qty:</b>	<b>122</b>
<b>Manufacturer:</b>	<b>MVE (Basis-of-Design)</b>	<b>Lead Time:</b>	Weeks
		<b>Warranty:</b>	Years
		<b>Location:</b>	<b>Rooms:</b> Refer to Furniture Plans for Locations

**Description:**

Deluxe double door wardrobe with flat panel doors, interior shelves, two (2) drawers and clothes rod  
Dimensions: 36"W x 24"D x 74"H

**Finish/Color:**

Wood: Oak, Stain: Dark Oak, Laminate: English Oak

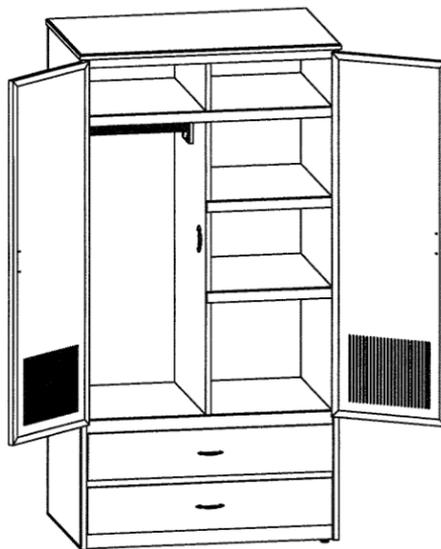
**Options:**

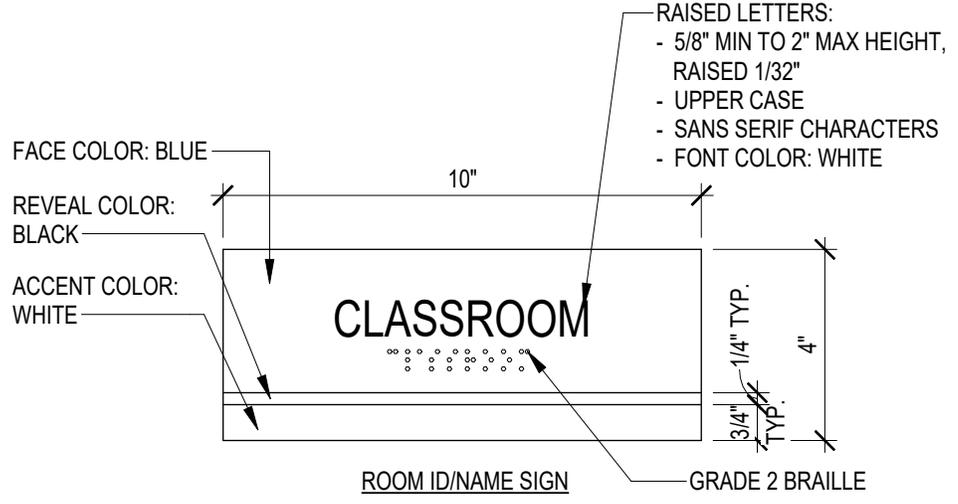
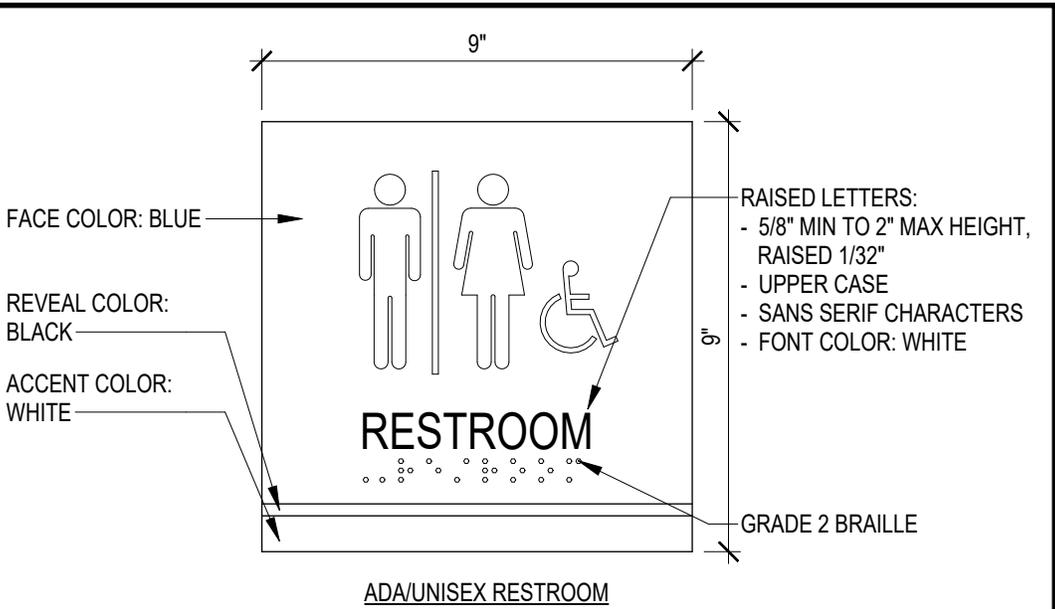
Add a lock and louvers

**Responsibility:**

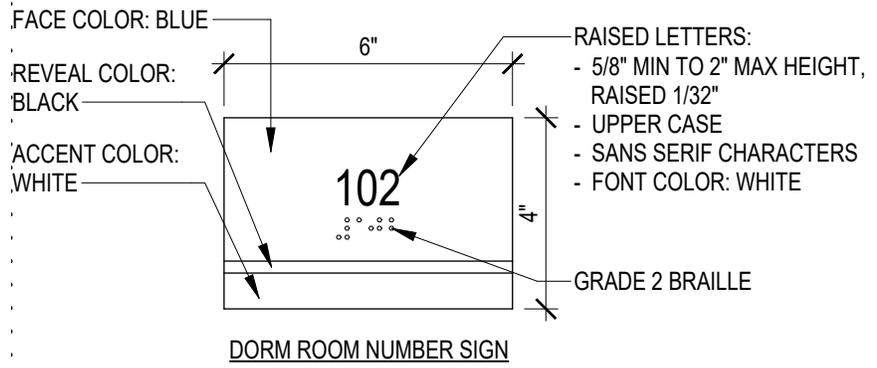
Owner provided, Contractor installed

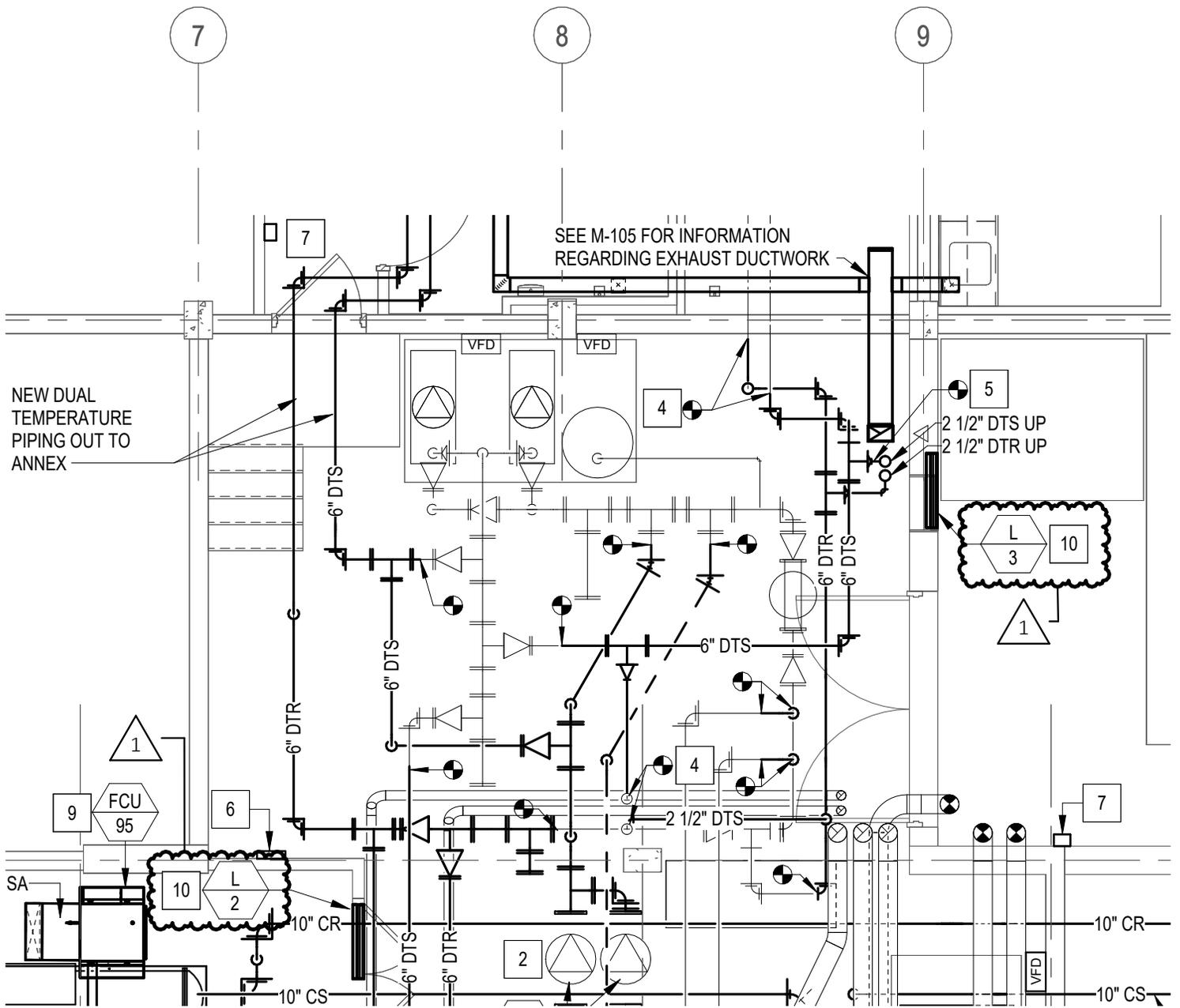
**Image:**





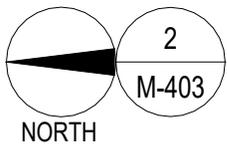
NOTES:  
 FOR MOUNTING HEIGHT INFORMATION, REFER TO 3/G-004 AND 8/G-004.  
 FOR ADDITIONAL INFORMATION, REFER TO 5/G-004 AND 6/G-004.





# PHASE 3 - MECHANICAL PLANT ENLARGED PLAN

SCALE: 3/16" = 1'-0"



## LOUVER SCHEDULE

MARK	SIZE (WxHxD)	FREE AREA	CFM	APD	REMARKS
L - 1	24"X24"X6"	1.9 SQ. FT.	2,700	0.25	1-5
L - 2	24"X24"X6"	1.9 SQ. FT.	2,700	0.25	1-5
L - 3	24"X24"X6"	1.9 SQ. FT.	2,700	0.25	1-5

NOTES:

1. DRAINABLE HORIZONTAL BLADE ORIENTATION
2. FLANGED FRAME FOR EXTERIOR WALL INSTALLATION.
3. INTEGRAL MOTORIZED BACKDRAFT DAMPER
4. FACTORY MOUNTED AND ADJUSTED ELECTRIC ACTUATORS
5. EXTENDED SILL.



STATE OF MISSOURI  
 OFFICE OF ADMINISTRATION  
 DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION  
**PRODUCT SUBSTITUTION REQUEST**

PROJECT NUMBER  
**R2502-01**

PROJECT TITLE AND LOCATION  
**RENOVATIONS TO INTERIOR/EXTERIOR & INSTALLATION EMERGENCY GENERATOR, MULTIPLE ASSETS--MSHP GEN HQ**

CHECK APPROPRIATE BOX

**SUBSTITUTION PRIOR TO BID OPENING**  
 (Minimum of (5) working days prior to receipt of Bids as per Article 4 – Instructions to Bidders)

**SUBSTITUTION FOLLOWING AWARD**  
 (Maximum of (20) working days from Notice to Proceed as per Article 3 – General Conditions)

FROM: BIDDER/CONTRACTOR (PRINT COMPANY NAME)  
**CK POWER / FRANK KURZ**

TO: ARCHITECT/ENGINEER (PRINT COMPANY NAME)  
**CASCO DIV CORP / REGINA RAINERI**

Bidder/Contractor hereby requests acceptance of the following product or systems as a substitution in accordance with provisions of Division One of the Bidding Documents:

SPECIFIED PRODUCT OR SYSTEM  
**DIESEL EMERGENCY ENGINE GENERATORS**

SPECIFICATION SECTION NO.  
**263213**

SUPPORTING DATA

Product data for proposed substitution is attached (include description of product, standards, performance, and test data)

Sample  Sample will be sent, if requested

**QUALITY COMPARISON**

	SPECIFIED PRODUCT	SUBSTITUTION REQUEST
NAME, BRAND	<b>CAT, CUMMINS, KOHLER</b>	<b>BLUE STAR POWER SYSTEMS</b>
CATALOG NO.		<b>MD800-01</b>
MANUFACTURER		<b>BLUE STAR POWER SYSTEMS</b>
VENDOR		<b>CK POWER SYSTEMS</b>

**PREVIOUS INSTALLATIONS**

PROJECT <b>SEE ATTACHED RECENT PROJECT LIST</b>	ARCHITECT/ENGINEER
LOCATION <b>NORTH AMERICA</b>	DATE INSTALLED

**SIGNIFICANT VARIATIONS FROM SPECIFIED PRODUCT** **NONE**

SEE ATTACHED  
 GENERATOR SPECIFICATION SHEET  
 CK POWER/BLUE STAR PAMPHLET

**REASON FOR SUBSTITUTION**

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**DOES PROPOSED SUBSTITUTION AFFECT OTHER PARTS OF WORK?**

YES  NO

IF YES, EXPLAIN

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**SUBSTITUTION REQUIRES DIMENSIONAL REVISION OR REDESIGN OF STRUCTURE OR A/E WORK**

YES  NO

**BIDDER'S/CONTRACTOR'S STATEMENT OF CONFORMANCE OF PROPOSED SUBSTITUTION TO CONTRACT REQUIREMENT:**

We have investigated the proposed substitution. We believe that it is equal or superior in all respects to specified product, except as stated above; that it will provide the same Warranty as specified product; that we have included complete implications of the substitution; that we will pay redesign and other costs caused by the substitution which subsequently become apparent; and that we will pay costs to modify other parts of the Work as may be needed, to make all parts of the Work complete and functioning as a result of the substitution.

BIDDER/CONTRACTOR

CK POWER - FRANK KURZ - SR POWER SYSTEMS ENGINEER

DATE

1-29-26

**REVIEW AND ACTION**

Resubmit Substitution Request with the following additional information:

Substitution is accepted.

Substitution is accepted with the following comments:

Substitution is not accepted.

ARCHITECT/ENGINEER



DATE

02/03/2026



STATE OF MISSOURI  
 OFFICE OF ADMINISTRATION  
 DIVISION OF FACILITIES MANAGEMENT, DESIGN AND CONSTRUCTION  
**PRODUCT SUBSTITUTION REQUEST**

PROJECT NUMBER  
**R2502-01**

PROJECT TITLE AND LOCATION  
**MSHP General Headquarters Complex, 1510 E. Elm Street, Jefferson City, MO 65101**

CHECK APPROPRIATE BOX  
 **SUBSTITUTION PRIOR TO BID OPENING**  
 (Minimum of (5) working days prior to receipt of Bids as per Article 4 – Instructions to Bidders)  
 **SUBSTITUTION FOLLOWING AWARD**  
 (Maximum of (20) working days from Notice to Proceed as per Article 3 – General Conditions)

FROM: BIDDER/CONTRACTOR (PRINT COMPANY NAME)  
**Butler Supply @ the request of 2 contractors in Jefferson City MO**

TO: ARCHITECT/ENGINEER (PRINT COMPANY NAME)  
**Casco Engineering**

Bidder/Contractor hereby requests acceptance of the following product or systems as a substitution in accordance with provisions of Division One of the Bidding Documents:

SPECIFIED PRODUCT OR SYSTEM  
**ABB, Eaton, GE (now owned by ABB), AB, Siemens, Square D, Toshiba,**

SPECIFICATION SECTION NO.  
**26-29-23**

SUPPORTING DATA  
 Product data for proposed substitution is attached (include description of product, standards, performance, and test data)  
 Sample  Sample will be sent, if requested

QUALITY COMPARISON		
	SPECIFIED PRODUCT	SUBSTITUTION REQUEST
NAME, BRAND	(N/A)	HVAC Drive
CATALOG NO.	(N/A)	FC-102 Series (1-30hp & 4-15hp)
MANUFACTURER	ABB	Danfoss
VENDOR		Meglio and Associates (Danfoss Representative)

PREVIOUS INSTALLATIONS		
PROJECT	ARCHITECT/ENGINEER	DATE INSTALLED
<b>MS&amp;T Welcome Center</b>	<b>McClure Engineering</b>	<b>2025</b>
LOCATION		
<b>Missouri S&amp;T</b>		



**BIDDER'S/CONTRACTOR'S STATEMENT OF CONFORMANCE OF PROPOSED SUBSTITUTION TO CONTRACT REQUIREMENT:**

We have investigated the proposed substitution. We believe that it is equal or superior in all respects to specified product, except as stated above; that it will provide the same Warranty as specified product; that we have included complete implications of the substitution; that we will pay redesign and other costs caused by the substitution which subsequently become apparent; and that we will pay costs to modify other parts of the Work as may be needed, to make all parts of the Work complete and functioning as a result of the substitution.

BIDDER/CONTRACTOR

David Meglio (Danfoss Representative)

DATE

2/2/2026

**REVIEW AND ACTION**

Resubmit Substitution Request with the following additional information:

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Substitution is accepted.

Substitution is accepted with the following comments:

\_\_\_\_\_

Substitution is not accepted.

ARCHITECT/ENGINEER



DATE

02/04/2026