ADDENDUM NO. 1
TO
ASBESTOS ABATEMENT SPECIFICATIONS

Asbestos Abatement Prior to Renovations
@
Walled Lake Western High School

Owner:
Walled Lake Consolidated Schools
850 Ladd Road, Building D
Walled Lake, Michigan 48390

Building(s):
Walled Lake Western High School
600 Beck Road
Walled Lake, Michigan 48390

AEG Project #: **AE260446**
Issue Date: Tuesday, May 14, 2026
Bids Due: **10:00 A.M., Wednesday, May 27, 2026**

The following changes have been made to the asbestos abatement specification for asbestos abatement activities at Walled Lake Western High School and should be incorporated into the Scope-of-Work.

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1. **Bid No. 26.01**

Asbestos Abatement Prior to Walled Lake Western High School - Project Group WLW-3, Project Schedule

The section has been changed to read:

Project Schedule:

The Contractor will start the project on Tuesday, June 30, 2026, and will be complete with all abatement activities, including TEM clearance sampling and tear down activities, by the end of the work shift on Monday, July 6, 2026. The building will be available each workday from 7:00 a.m. - 5:30 p.m. The Contractor will be allowed four (4) workdays (Tuesday-Thursday, Monday) to complete the project. Additional project dates include:

#	Location	Start	Ready for PAs	End	# Days
WLW-3	Area H	Tuesday, June 30, 2026	Monday, 7-6-26 @ 2:30 p.m.	Monday, 7-6-26 @ 5:30 p.m.	4 w/d

2. **Bid No. 26.01 – Walled Lake Western High School**

Walled Lake Western High School, Project Group WLW-1 (Pages 21-27)

Due to significant changes in the materials to be abated, the summary of locations, and the abatement requirements, this entire project has been corrected to include exterior window frames with glazing, instead of exterior window frames with asbestos caulk. A copy of the corrected project scope of work and requirements for "Walled Lake Western High School – Project Group WLW-1 - "Area E"" is located in Attachment #1. Please refer to the corrected "Walled Lake Western High School – Project Group WLW-1 - "Area E"" included in this addendum only. Do not refer to the "Walled Lake Western High School – Project Group WLW-1 - "Area E"" issued in the specification documents.

Project Group WLW-1 - "Area E"

Project Summary:

The first project for abatement at Walled Lake Western High School includes the removal of asbestos flooring materials, including asbestos floor tile and asbestos floor tile mastic, non-asbestos carpet materials, wall window with asbestos glazing, asbestos lab countertop material, sinks with asbestos undercoating, exterior window frames with asbestos glazing, door frames with asbestos caulk, tagged fire doors, and tagged fire door frames from throughout construction Area E of the building. The project will include but is not limited to the construction Area E of the building. These projects at Walled Lake Western High School will involve multiple negative pressure regulated areas to remove the asbestos containing materials using Class II removal procedures. The project will begin on Wednesday, June 17, 2026, and will be complete with all abatement activities, including TEM clearance sampling and tear down activities, by the end of the workday on Thursday, June 25, 2026. The project schedule allows for a total of eight (8) workdays (Wednesday-Saturday, Monday-Thursday) to complete the project.

Abatement Activities:

1. Remove and dispose of asbestos floor tile from the identified areas at Walled Lake Western High School.
2. Remove and dispose of asbestos floor tile mastic from the identified areas at Walled Lake Western High School.
3. Remove and dispose of wall window frames with asbestos glazing from the identified areas at Walled Lake Western High School.
4. Remove and dispose of exterior window frame with asbestos glazing from the identified areas at Walled Lake Western High School.
5. Remove and dispose of asbestos lab countertop materials from the identified areas at Walled Lake Western High School.
6. Remove and dispose of door frames with asbestos caulk from the identified areas at Walled Lake Western High School.
7. Remove and dispose of sinks with asbestos undercoating from the identified areas at Walled Lake Western High School.
8. Remove and dispose of tagged fire doors and tagged fire door frames from identified areas at Walled Lake Western High School.
9. Remove and dispose of non-asbestos carpet materials from identified areas at Walled Lake Western High School.

Summary of Locations:

Room / Location Materials ->	FT	FTM	Carpet	WWG	EWG	IDC	LAB	Sink	TFD	TFF
Storage Room E100									1 #	1 #
Art Room E101	1,750 sf	1,750 sf								
Art Room Storage E105	220 sf	220 sf							3 #	3 #
Art Room KILN Room E106	300 sf	300 sf					20 sf		3 #	3 #
Art Room E102	1,750 sf	1,750 sf								
Art Room E104									1 #	1 #

Room / Location Materials ->	FT	FTM	Carpet	WWG	EWG	IDC	LAB	Sink	TFD	TFF
Computer Lab E109	1,400 sf	1,400 sf	1,400 sf	20 sf	2 4'x 5' frames					
Room E107								3 #	1 #	1 #
Restroom E108									1 #	1 #
Restroom E109						40 lf				
Restroom E110						40 lf				
Restroom E112									1 #	1 #
Restroom E113									1 #	1 #
Performing Arts Room E116									1 #	1 #
Room 118								1 #	1 #	1 #
Room E117									1 #	1 #
Corridor E119									2 #	1 #

Key for Table

FT	Asbestos Floor Tile
FTM	Asbestos Floor Tile Mastic
Carpet	Non-Asbestos Carpet Materials
WWG	Wall Window Frames with Asbestos Glazing
EWC	Exterior Window Frames with Asbestos Glazing
IDC	Interior Door Frames with Asbestos Caulk
LAB	Asbestos Lab Countertop Material
Sink	Sink with Asbestos Undercoating
TFD	Tagged Fire Door
TFF	Tagged Fire Door Frame

The scope of abatement for Project Group WLW-1 includes asbestos flooring materials, non-asbestos carpet materials, interior door frames with asbestos caulk, wall window frames with asbestos glazing, asbestos lab countertop materials, exterior window frame with asbestos glazing, sinks with asbestos undercoating, tagged fire doors, and tagged fire door frames located throughout construction area E of the building.

Abatement Requirements:

The Contractor will be allowed to construct multiple negative pressure enclosures for the complete removal of all of the materials detailed in the "Abatement Activities" for Project Group WLW-1.

1. The Contractor is responsible for all of the materials listed in the "Abatement Activities" located inside of the project areas. The project areas include all portions of the functional spaces listed in the "Summary of Locations" table. When present in, connected to or adjacent to the room, materials located in bathrooms, closets, storage rooms, below fixtures (such as radiators, cabinets and bookcases), behind furniture and inside sink cabinets, flooring materials are included when exposed by pre-abatement demolition activities. Additional descriptions for certain areas are listed below:

    - Boarding up of Window Openings: The Contractor will include in submitted base bid, cost associated with supplying labor and materials to secure, board up and weatherproof all windows openings created with removal and disposal of exterior window systems. All window openings will be sealed with plywood and 2' x 4' support to provide security and protection from weather, which is expected to remain in place for up to two (2) weeks.

2. The project areas will be entirely empty of furniture, furnishings, and moveable objects prior to the start of the project. This activity will be completed by the Owner.

3. All negative pressure enclosures established for the removal of asbestos flooring materials only, will be set-up in accordance with the following ***minimum*** guidelines prior to the start of any abatement activities:

   - Critical barriers, constructed of a minimum of one (1) layer of six-mil polyethylene sheeting, will be set-up over all access points to non-project areas, such as doors to adjoining rooms/hallways and exterior doors/windows. Asbestos warning signs will be placed on the non-project side of the critical barrier when necessary to prohibit entrance. No access will be made from these locations into the project area at any time (except through the decontamination chamber).

   - Critical barriers, constructed of a minimum of one (1) layer of six-mil polyethylene sheeting, will be placed over all ceiling return vents, bookcases, lockers and all items which cannot be decontaminated in each of the project area spaces. Critical barriers, constructed of a minimum of two (2) layers of six-mil polyethylene sheeting, will be placed over all in ceiling vents.

   - A minimum of two (2) layer of six-mil polyethylene sheeting will be placed over all wall surfaces, counters and other non-floor surfaces in the project areas.

   - A minimum of one (1) layer of six-mil polyethylene sheeting will be placed over all non-asbestos flooring inside of the project areas (such as ceramic tile flooring in the bathrooms).

   - For project areas where the amount of materials removed is greater than 10 square feet or 25 linear feet, a minimum of one (1) air filtration devices (AFDs) will be required in each functional space in excess of 400 square feet. This minimum number of machines is desired to create a minimum negative pressure of 0.02 inches of water equivalent, sufficient air changes and appropriate air flow through the enclosure. The Contractor will be responsible for properly securing the exhaust tubes in any exterior windows and/or doors used for exhaust locations.

   - For project areas where the amount of materials removed is greater than 10 square feet or 25 linear feet, a three stage decontamination chamber will be required. The decontamination chamber will be connected at a location convenient to building access and waste out activities and will be coordinated on-site. A black polyethylene barrier will be placed in front of the decontamination chamber to provide an additional visual barrier to the work area.

   - The construction of a bag-out chamber will be permitted. The exact location, set-up, position and construction of the bag-out chamber must be reviewed with Arch Environmental Group, Inc.'s Project Coordinator. Bag out chambers set-up without the review and approval of Arch Environmental Group, Inc. will be sealed and/or torn down at the discretion of Arch Environmental Group, Inc.

   - In addition to the minimum requirements listed above, all work will be conducted in accordance with all requirements of AHERA and all applicable provisions of the OSHA Asbestos Standard (1926.1101(g) - "Methods of Compliance".

4. **The Contractor will be required to use friable means, including mechanical means, to remove the asbestos floor tile and asbestos floor tile mastic in the project area. The materials will be removed inside of an established negative pressure enclosure. The material will be disposed of as friable asbestos waste.** If the Contractor elects to remove the asbestos floor tile using non-friable methods, all asbestos floor tile abatement activities will be completed in accordance with the listed "Class II Non-Friable Floor Tile Abatement Procedures" ("General Procedures for Asbestos Abatement, Item 11.2") and with all applicable provisions of the OSHA Asbestos Standard (1926.1101(g) - "Methods of Compliance"). When present on top of asbestos floor tile, non-asbestos floor tile will be removed and disposed of as an asbestos waste.

5. The Contractor will be responsible for the removal and disposal of all carpet materials in locations identified to have asbestos flooring materials. All non-asbestos carpet removal activities will be completed in accordance with the listed "Non-Asbestos Carpet Material Removal Procedures" ("General Procedures for Asbestos Abatement, Item 11.1") and with all applicable provisions of the OSHA Asbestos Standard (1926.1101(g) - "Methods of Compliance") regarding disturbances to floor tile materials.

6. All regulated areas for the removal of interior door frames with asbestos caulk and wall window frames with asbestos glazing will be set up in accordance with the following minimum guidelines prior to the start of any abatement activities:

   - Asbestos banner tape and asbestos warning signs will be set up extending a minimum of 8' in all directions from the door frames.

   - A minimum of one (1) layer of six-mil polyethylene sheeting will be set-up on the floor in all directions from the door frames and will be secured to the floor below the door frames. The polyethylene sheeting will be sufficient in length to catch all door caulk and frame debris which may fall to the ground and to wrap the door frames for disposal.

   - AFDs and decontamination units will not be required, unless special conditions exist.

   - All door frames will be removed using intact removal methods. The Contractor will not be allowed to cut through any door caulk material using mechanical means. The competent person will be required to ensure that all door frames are removed intact and that all procedures relating to the removal are strictly followed.

7. The Contractor will disconnect and wrap all sinks with asbestos undercoating materials in a minimum of one (1) layer of six-mil polyethylene sheeting, seal the polyethylene sheeting, label the waste and place the waste in the on-site dumpster. The Contractor will wet-wipe and HEPA vacuum the floor below the sink only if the sink is damaged.

8. All regulated areas for the removal of asbestos lab countertop materials will be set up in accordance with the following minimum guidelines prior to the start of any abatement activities:

   - Asbestos banner tape and asbestos warning signs will be set up extending to a minimum of 8' in all directions from the countertop.

   - A minimum of one (1) layer of six-mil polyethylene sheeting will be set up on the floor in all directions from the countertop and will be secured to the floor below the casework. The polyethylene sheeting will be sufficient in length to catch all transite debris which may fall to the ground and to wrap the countertop for disposal.

   - AFDs and decontamination units will not be required, unless special conditions exist.

   - All countertops will be removed using intact removal methods. The Contractor will not be allowed to cut through or break the asbestos countertop materials. The competent person will be required to ensure that all asbestos countertops are removed intact and that all procedures relating to the removal are strictly followed.

9. All asbestos transite abatement activities will be completed in accordance with the listed "Class II Intact/Non-Friable Transite Panel Abatement Procedures" ("General Procedures for Asbestos Abatement, Item 11.5") and with all applicable provisions of the OSHA Asbestos Standard (1926.1101(g) - "Methods of Compliance").

10. All regulated areas for the removal of exterior window frames with asbestos glazing will be set up in accordance with the following minimum guidelines prior to the start of any abatement activities:

- Asbestos banner tape and asbestos warning signs will be set up extending a minimum of 8' in all directions from the window frames.
- A minimum of one (1) layer of six-mil polyethylene sheeting will be set-up on the floor in all directions from the window frames and will be secured to the floor below the window frames. The polyethylene sheeting will be sufficient in length to catch all window glazing debris which may fall to the ground and wrap the window frames for disposal.
- AFDs and decontamination units will not be required, unless special conditions exist.
- All window frames will be removed using intact removal methods. The Contractor will not be allowed to cut through any window frame caulk material using mechanical means. The competent person will be required to ensure that all window frames are removed intact and that all procedures relating to the removal are strictly followed.

11. The Contractor will wrap all fire doors in a minimum of one (1) layer of six-mil polyethylene sheeting, seal the polyethylene sheeting, label the waste and place the waste in the on-site dumpster. The Contractor will wet-wipe and HEPA vacuum the floor below the door only if the door is damaged and packing material is visible.

12. All asbestos-containing materials must be removed using wet methods and then bagged and sealed immediately. Bags will be randomly checked as they are transported from the enclosure and double bagged. All bags determined to not be adequately wet will be sent back into the enclosure. No bags may remain open inside the enclosure. The Contractor will be permitted to leave sealed bags inside the enclosure overnight. All bags must be removed from the enclosure prior to the start of the visual inspection.

13. All surfaces inside the enclosure will be fully washed with a combination of wire brushing, rinsing, wet-wiping and HEPA vacuuming during the final cleaning portion of the project. During final cleaning activities, the ceiling will be rinsed and then encapsulated during the lock down portion of the project.

14. At the conclusion of the final cleaning activities in the enclosure, a visual inspection will be completed in accordance with the listed "Visual Inspection Procedures" (Item #5, "General Requirements and Information").

Final Clearance Sample Requirements:

TEM Clearance Air Samples

The negative pressure enclosure established for the removal of the materials described in Project Group WLW-1 will be cleared using Transmission Electron Microscopy (TEM). Pursuant to the requirements of AHERA, thirteen (13) TEM samples will be collected from the enclosure – five (5) inside the enclosure, five (5) outside the enclosure and three (3) sample blanks. All five inside the enclosure samples must be analyzed below an average of 70 AS/mm² to allow for tear down of the enclosure. All TEM air samples will be collected in accordance with the AHERA regulation and all EPA recommended guidelines.

PCM Clearance Air Samples

Each of the regulated areas established for the removal of the materials described in Project Group WLW-1 will be cleared using Phase Contrast Microscopy (PCM). Pursuant to the requirements of AHERA, five (5) PCM samples will be collected from each regulated area. All five samples must be analyzed below 0.01 fibers per cubic centimeter allow for tear down of the enclosure. All PCM air samples will be collected in accordance with the AHERA regulation and all EPA recommended guidelines.

Project Schedule:

The Contractor will start the project on Wednesday, June 17, 2026, and will be complete with all abatement activities, including TEM clearance sampling and tear down activities, by the end of the work shift on Thursday, June 25, 2026. The building will be available each workday from 7:00 a.m. - 5:30 p.m. The Contractor will be allowed eight (8) workdays (Wednesday-Saturday, Monday-Thursday)) to complete the project. Additional project dates include:

#	Location	Start	Ready for Pas	End	# Days
WLW-1	Area E	Wednesday, 6-17-26	Saturday, 6-25-26 @ 2:30 p.m.	Saturday, 6-25-26 @ 5:30 p.m.	8 w/td

Project Diagrams:

There is one (1) project diagram provided for Project Group WLW-1.

END OF ADDENDUM