

To: Douglas Murphy Date: 8/11/2023

Project Name:	Driscoll School	
Submittal No.:	02 41 16-2.0 Demolition Pla	n

Project No.: 1823 Submitted By: Carol Harris

Corrections or comments made on the shop drawings during this review do not relieve contractor from compliance with requirements of the drawings and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The contractor is responsible for conforming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating work with that of all other trades; and performing work in a safe and satisfactory manner.

REMARKS:

Reviewed	Reviewed as Noted
Approved	Approved as Noted
Rejected	Revise & Resubmit

Approved as Noted, Resubmit for Record Other

COMMENTS:

1. No action taken. Retained for record.



Submittal #02 41 16-2.0 02 41 16 - STRUCTURE DEMOLITION

Gilbane Building Company 10 Channel Center Street Suite 100 Boston, Massachusetts 02210 Phone: (617) 478-2981 Project: J08864.000 - Michael Driscoll School - Brookline 725 Washington Street Brookline, Massachusetts 02446

Demolition Plan

SPEC SECTION:	02 41 16 - STRUCTURE DEMOLITION	SUBMITTAL MANAGER:	Gaetano Dandini (Gilbane Building Company)
STATUS:	Open	DATE CREATED:	07/24/2023
ISSUE DATE:	07/24/2023	REVISION:	0
RESPONSIBLE CONTRACTOR:	American Environmental, Inc.	RECEIVED FROM:	
RECEIVED DATE:		SUBMIT BY:	
FINAL DUE DATE:	08/7/2023	LOCATION:	
SUB JOB:		COST CODE:	
LEAD TIME:		TYPE:	
APPROVERS:	Gaetano Dandini (Gilbane Building Company), Robe Building Company), Carol Harris (Jonathan Levi Ar LLC), Mark Warner (Jonathan Levi Architects LLC)	ert Hannula (Gilbane Building chitects LLC) , James Machel	g Company), William Heiberger (Gilbane k (Jonathan Levi Architects

BALL IN COURT:

Carol Harris (Jonathan Levi Architects LLC), James Machek (Jonathan Levi Architects LLC), Mark Warner (Jonathan Levi Architects LLC)

DISTRIBUTION:

DESCRIPTION:

ATTACHMENTS:

AEI DEMOLITION PLAN DRISCOLL SCHOOL BROOKLINE MA Updated 07.24.23.pdf

SUBMITTAL WORKFLOW

NAME	SUBMITTER/ APPROVER	SENT DATE	DUE DATE	RETURNED DATE	RESPONSE	ATTACHMENTS	COMMENTS
Greg Gray	Submitter		8/7/2023	7/24/2023	Submitted		
Charlie Hughes	Submitter		8/7/2023		Pending		
Gaetano Dandini	Approver	7/24/2023	8/7/2023	7/24/2023	Reviewed by Gilbane	AEI DEMOLITION PLAN DRISCOLL SCHOOL BROOKLINE MA Updated 07.24.23[1].pdf	
Robert Hannula	Approver	7/24/2023	8/7/2023		Pending		
William Heiberger	Approver	7/24/2023	8/7/2023		Pending		
Carol Harris	Approver	7/24/2023	8/7/2023		Pending		
James Machek	Approver	7/24/2023	8/7/2023		Pending		
Mark Warner	Approver	7/24/2023	8/7/2023		Pending		



Submittal #02 41 16-2.0 02 41 16 - STRUCTURE DEMOLITION

If the information provided in the response to this Submittal constitutes a change in contract price or time, the trade contractor shall not proceed with this work unless authorized to do so by the Construction Manager in writing. The trade contractor shall provide the Construction Manager written notice within five (5) working days from receipt of this Submittal that this Submittal constitutes a change, all in accordance with Article 8 of the Contract Agreement. Should no change be required, a no cost change will be issued to you incorporating this Submittal into your contract.

SUBMITTAL STAMPING SHEET

02 41 16 - 2 Demolition Plan





AMERICAN ENVIRONMENTAL INC

STRUCTURAL DEMOLITION DEMOLITION PLAN DRISCOLL SCHOOL BROOKLINE, MASSACHUSETTS

PREPARED FOR GILBANE BUILDING COMPANY

JULY 2023

DEMOLITION PLAN: DRISCOLL SCHOOL BROOKLINE, MA

AMERICAN has assembled a team, which takes full advantage of the expertise and capabilities of our respective organizations to provide the best available team to implement the project.

AMERICAN will be responsible for project safety for the demolition both selective and structural of the field improvements for the demolition of the Driscoll School structure as well as making our staff aware of the other safety precautions also on the site. We will conduct our operations to offer the least possible obstructions and inconvenience to others while maintaining a high standard of quality and safety.

Before beginning any removals and/or demolition and after others have completed the utility make safes and AMERICAN has confirmed all air gaps have been completed, AMERICAN will start the associated demolition activities.

During demolition, daily inspections and safety audits by AMERICAN's site supervisory will be made as the work progresses to detect hazards. In spaces where asbestos abatement was conducted prior if during demolition, hazardous materials, asbestos-containing materials, odors, or other suspicious substances are encountered; AMERICAN will stop work immediately and contact Gilbane site representative.

AMERICAN will coordinate all work to assure efficient and orderly sequence for demolition and removal of materials from this site as per an approved logistics plan. No material or equipment will be stored as to interface with the free and safe passage of personnel. The job site will be maintained in a clean and orderly manner for the prevention of accidents, injuries and hazards.

AMERICAN will handle all recyclable materials and debris, resulting from this contract and place into dumpsters for disposal in accordance with all federal, state, local ordinances and track, report material quantities to Gilbane as per LEED requirements. All recyclable/demolished materials will be removed from the site within a reasonable time frame and will not accumulate in the work area.

AMERICAN management whose technical capabilities includes personnel who have over thirty years of experience in heavy construction and site development. All methods and construction equipment will be compatible to existing conditions and will be permitted and inspected prior to entering the Driscoll School work site. AMERICAN will exercise field quality control to ensure good work results.

Project Management Team:

The Basic Project Management Team will be augmented with additional supporting personnel as required.

Engineering and Purchasing:

Depending upon the specific requirements of the project, it may be necessary to include additional personnel or subcontractors/vendors where specific tasks or disciplines are required.

AMERICAN's own forces, if required specialty Sub-Contractor will be employed Gilbane will be notified prior to their arrival on site, will perform certain demolition and dismantling activities. Coordination of all these aspects is handled through the existing operational procedures of the organization. An experienced supervisory person is assigned to this specific project and reports to Julio Bermejo General Superintendent and/or Project Managers Charlie Hughes and Greg Gray on all aspect associated with this project.

Scheduling and Scheduling Control:

Major Objectives:

The major objective of the scheduling function is to adhere to and maintain the overall project schedule, to identify adverse scheduling situations and to provide a basis for effective project management decisions.

Demolition of the Michael Driscoll School will only proceed once all environmental hazards have been removed as per hazardous material surveys and abatement plan sent separately in August 2023.

PERMITS

Municipal- Gilbane DEP-Asbestos - American Environmental DEP- Demolition - American Environmental

PREPERATION FOR DEMOLITION

In abatement plan provide all parts of spec 02 82 13 -Asbestos Abatement and spec 02 83 13 - 2 Hazardous Materials Handling and Removal

CUTS and CAPS performed by others and verified by American Environmental prior to demolition. EROSION CONTROL installed by others verified by American Environmental prior to demolition

Building Demolition Schedule major tasks:

NOV 2023-MARCH 2024

Organization:

Overall project scheduling is the responsibility of the Project Manager who reports directly to the Gilbane representative.

Safety:

A site-specific Safety Manual and Corporate Safety Manuel is the basis of AMERICAN Occupational Safety and Health Program, and are administered by AMERICAN's Health and Safety Departments' staff. All necessary MSDS sheets and our Health & Safety Plan with MSDS sheets will be submitted under a separate cover.

General Scope of Demolition Work:

Abatement & Safety plan coming under different cover in August 2023

AMERICAN will comply with the requirements of contract and documents for this project. This includes but not limited to: safety, truck routes, work hours, safety plan, and 3rd party inspections and written specifications, etc.

In general, demolition of the areas as noted on civil drawings will occur during normal work hours. The work will be performed with heavy equipment within required vibration limits and noise limits AMERICAN will confirm that all utilities have been made safe. A review of the work area will be conducted by AMERICAN to reaffirm that it is free of any possible hazardous material, and all the necessary environmental measures are in place. All resulting non-hazardous debris with be removed, properly transported, and disposed/recycled of as per all applicable local, state and federal regulations prior to demolition phase and verified by owner's consultant.

DEMOLITION EQUIPMENT AND PROCEDURES

American Environmental Inc. uses the safest and the best maintained equipment of all types for demolition. We select the most appropriate equipment for each project for maximum safety and efficiency.

American Environmental Inc.will use a Volvo 380 and 480 excavators to dismantle the former Driscoll School. Building components will be wetted in place with use of fire hoses and dust boss technology supplied from approved Brookline Hydrant connections. Structures will be demolished from top to bottom foundations will be removed and footprint will be graded to a safe OSHA slope Building Demolition will begin at Bartlett Street and separated into four sections as per attached plan from West to East all demolition work and trucking will be conducted at the rear of the existing Michael Driscoll School

Building Demolition- Sequence

1. Safety Controls in place fall arrest system in place

2. Area secured with warning tape and exterior fencing in place by others confirm placement with Gilbane and Derenzo

- 3. Dig Safe number in place
- 4. Cut & Caps and permitting in place
- 5. Dust Control in place use fire hydrants and dust boss technology
- 6. Demolition Sequence West to East
- 7. Demolition of structures from top to foundation
- 8. Demolition will proceed West to East
- 8. Segregation and Removal of debris via excavator with grapple
- 9. Demolition Debris live loaded and removed from site in covered trucks
- 10 Concrete debris live loaded and removed from site in covered trucks.
- 11.Leave site graded to OSHA standard
- 12.Provide closeout package to Gilbane team

Safety:

Provide all safety precautions including but not limited to fall protection equipment, protective clothing, and protective equipment per spec 02 83 13 Asbestos Abatement section 2

• Site Specific Safety Manual and MSDS will be submitted separately.

Work Site Safety:

- All workers exposed to a leading edge will be properly tied off at all times 6 feet and over above ground level
- All leading edges will be protected by OSHA approved methods during the construction phase and while workers are in the building.
- AMERICAN will maintain as many means of egress as possible during gut out phase keeping walkway clears.
- Exclusion zones will be set up around items being removed or lowered via danger tape, where material is being removed and will have a designated spotter on ground.

• AMERICAN's construction supervisor will inspect the site prior to the commencement of the demolition in addition to making daily site visits.

Dust Control:

 AMERICAN will utilize wet methods to mitigate dust from available perimeter hydrants and dust boss equipment please see spec sheet for dust boss. American will utilize available hydrants to saturate material to mitigate dust. American also set up dust bosses strategically to prevailing wind to further mitigate dust during demolition.

Noise Mitigation:

AEI please expand upon dust mitigation plan. Show dust mitigation setup in relation to initial Demolition of Phase 1/2

- AMERICAN will utilize low impact equipment to limit noise and vibration.
- In addition, AMERICAN will peel back and size foundations with hydraulic jaws rather then hammering concrete to size to limit noise and vibration

Trucking:

- AMERICAN anticipates utilizing 70-yard trailer dumps during load outs, making multiple round trips utilizing site traffic plan
- Trucks will not be allowed to idle for extended periods and will be strictly enforced onsite.
- Trucks will enter from Washington Street to Bartlett Street to left on Bartlett Crescent backing across Bartlett Street into the demolition zone.
- Once trucks are full, they will be covered and secured and leave the demolition zone left on Bartlett Street and right on Washington Street to Mass Pike
- Trucking hours are to be between 7:00 AM and 3:30 PM along with school requirements. MTWRF
- No Trucking will be allowed during drop off and dismissal period for students approximately 35-45 minutes each.

The site will be left free of debris and visually inspected

After appropriate documentation is received by AMERICAN, Gilbane Team will be provided with a close out documents.

Laborers will be assigned for cleanup on a daily basis as required.

Segregation of Materials

Debris resulting from demolition will be segregated into different piles for load-out. These materials include metals (ferrous and non-ferrous), recyclable C&D, non-recyclable C&D, masonry, concrete, etc. This segregation shall occur throughout the demolition process to meet or exceed LEED requirements.

Transportation and Disposal – Victoria Trucking/Dunn Landfill Rensselaer, New York

All materials leaving the site (i.e. C&D, metals, wood, etc.) will be loaded into 70 yard open top trailers covered to an off-site disposal/recycling facility. A waste disposal receipt will accompany any material hauled off-site.

Final Clean-up

Upon completion of demolition work, final clean-up will be done to ensure project is completed to the satisfaction of the Owner.

Unforeseen Condition

If unknown hazardous materials or suspect asbestos are discovered, work will stop, and Gilbane will be notified to ascertain the hazard and make recommendations that will allow the project to continue with minimal delays.

Provide description of all products used i.e. sheet plastic and miscellaneous materials per spec 02 83 13 Asbestos Abatement part 2

> Work is complete when the work area is visually clean and the contractor is to notify Gilbane and The OPM that the area is ready for visual inspection





GENERAL SCHEDULE: NOVEMBER 2023 TO MARCH 2024





DB-60



DUSTBOSS® 60

The DB-60 is capable of covering more than 125,000 square feet (11,613 square meters) with its powerful dust-trapping mist when equipped with optional user-definable oscillation (up to 359°).

The DB-60 is also available as a tower-mounted unit for applications requiring dust capture from above.



dust B\$\$55

DB-60

SPECIFICATIONS

GENERAL SPECIFICATIONS

- = Throw: 200 feet (60 meters).
- Fan: 30,000 CFM (849.50 CMM) generated by 25 HP fan.
- Coverage with standard 0°-40° oscillation: 21,000 square feet (1,950 square meters).
- Coverage with optional 359° user-definable oscillation: 125,000 square feet (11,613 square meters).
- = Adjustable throw angle: 0°-50°.
- Nozzles: 30, brass (also available in stainless and nylon).
- Droplet size: of 50-200 microns.
- Premium efficiency direct-drive motor.

ELECTRICAL SPECIFICATIONS

- U.S.: 3 Phase / 25 HP fan / 480 Volt / 60 Hertz. Full load current: 46 amps. 60 Kw gen set is recommended.
- Other motor options available, including all international electrical motors.
- I0 HP (7.5 Kw) high-pressure booster pump with no lift.
- Oscillator: 1/8 HP (0.10 Kw).
- = 150 foot (45.72 meters) 8/4 type W electrical cord.
- Bare wired electrical cord (no male plug).
- NEMA 3R cabinet with control panel.

OUR WARRANTY 3-year/3,000-hour warranty.

WATER REQUIREMENTS

- = 10 PSI (0.69 BAR) constant pressure must be delivered to booster pump.
- Maximum inlet water pressure should not exceed 100 PSI (6.89 BAR) when operating the booster pump.
- Maximum PSI delivered by booster pump is 250 PSI (17.24 BAR).
- In-line 30 mesh (595 micron) filter system is included and should be used at all times.
- Contact us for recommendations if using non-potable water.
- Connection: 1-1/2" (38.10 mm) cam-andgroove quick disconnect female coupling for fire hose provided on machine.

MAINTENANCE

- If using potable water, nozzles need to be inspected once a year.
- Fan motor and high pressure pump should be greased every 10,000 hours.
- Turntable bearing should be greased on a regular maintenance schedule, or as needed.

NOISE

Between 86 and 100 decibels at 0 feet.

PERFORMANCE ADDITIVES

= Full line of DustBoss surfactants, tackifying agents, or odor control agents can be used with optional dosing pump.

OPTIONS

- Unit is available with optional userdefinable oscillation to allow up to 359° of movement. Standard oscillation provides 0°-40° of movement.
- Available on frame with skid mount or on a tower. Standard unit comes on threewheeled carriage.
- Dosing pump can be added to unit for chemical applications.

DIMENSIONS

(standard carriage mount)

- = 6.75 feet (81 inches or 2.06 meters) wide.
- 9.75 feet (117 inches or 2.97 meters) long.
- = 7.17 feet (86 inches or 2.19 meters) tall.
- = 1,800 lbs. (816.50 kilograms).

ENGLISH UNITS				
Supplied Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	22.2	23.9	25.4	26.7
Water Flow, no Booster Pump, gpm	12	14.6	16.9	18.9
METRIC UNITS				
Supplied Water Pressure, bar	2.8	4.14	5.5	6.89
Water Flow with Booster Pump, Ipm	84	90.5	96.1	101.1
Water Flow, no Booster Pump, Ipm	45.4	55.3	64	71.5
		1½" Fir	e Hose Wat	er Supply



SUBMITTAL STAMPING SHEET

02 41 16 - 2 Demolition Plan





AMERICAN ENVIRONMENTAL INC

STRUCTURAL DEMOLITION DEMOLITION PLAN DRISCOLL SCHOOL BROOKLINE, MASSACHUSETTS

PREPARED FOR GILBANE BUILDING COMPANY

JULY 2023

DEMOLITION PLAN: DRISCOLL SCHOOL BROOKLINE, MA

AMERICAN has assembled a team, which takes full advantage of the expertise and capabilities of our respective organizations to provide the best available team to implement the project.

AMERICAN will be responsible for project safety for the demolition both selective and structural of the field improvements for the demolition of the Driscoll School structure as well as making our staff aware of the other safety precautions also on the site. We will conduct our operations to offer the least possible obstructions and inconvenience to others while maintaining a high standard of quality and safety.

Before beginning any removals and/or demolition and after others have completed the utility make safes and AMERICAN has confirmed all air gaps have been completed, AMERICAN will start the associated demolition activities.

During demolition, daily inspections and safety audits by AMERICAN's site supervisory will be made as the work progresses to detect hazards. In spaces where asbestos abatement was conducted prior if during demolition, hazardous materials, asbestos-containing materials, odors, or other suspicious substances are encountered; AMERICAN will stop work immediately and contact Gilbane site representative.

AMERICAN will coordinate all work to assure efficient and orderly sequence for demolition and removal of materials from this site as per an approved logistics plan. No material or equipment will be stored as to interface with the free and safe passage of personnel. The job site will be maintained in a clean and orderly manner for the prevention of accidents, injuries and hazards.

AMERICAN will handle all recyclable materials and debris, resulting from this contract and place into dumpsters for disposal in accordance with all federal, state, local ordinances and track, report material quantities to Gilbane as per LEED requirements. All recyclable/demolished materials will be removed from the site within a reasonable time frame and will not accumulate in the work area.

AMERICAN management whose technical capabilities includes personnel who have over thirty years of experience in heavy construction and site development. All methods and construction equipment will be compatible to existing conditions and will be permitted and inspected prior to entering the Driscoll School work site. AMERICAN will exercise field quality control to ensure good work results.

Project Management Team:

The Basic Project Management Team will be augmented with additional supporting personnel as required.

Engineering and Purchasing:

Depending upon the specific requirements of the project, it may be necessary to include additional personnel or subcontractors/vendors where specific tasks or disciplines are required.

AMERICAN's own forces, if required specialty Sub-Contractor will be employed Gilbane will be notified prior to their arrival on site, will perform certain demolition and dismantling activities. Coordination of all these aspects is handled through the existing operational procedures of the organization. An experienced supervisory person is assigned to this specific project and reports to Julio Bermejo General Superintendent and/or Project Managers Charlie Hughes and Greg Gray on all aspect associated with this project.

Scheduling and Scheduling Control:

Major Objectives:

The major objective of the scheduling function is to adhere to and maintain the overall project schedule, to identify adverse scheduling situations and to provide a basis for effective project management decisions.

Demolition of the Michael Driscoll School will only proceed once all environmental hazards have been removed as per hazardous material surveys and abatement plan sent separately in August 2023.

PERMITS

Municipal- Gilbane DEP-Asbestos - American Environmental DEP- Demolition - American Environmental

PREPERATION FOR DEMOLITION

In abatement plan provide all parts of spec 02 82 13 -Asbestos Abatement and spec 02 83 13 - 2 Hazardous Materials Handling and Removal

CUTS and CAPS performed by others and verified by American Environmental prior to demolition. EROSION CONTROL installed by others verified by American Environmental prior to demolition

Building Demolition Schedule major tasks:

NOV 2023-MARCH 2024

Organization:

Overall project scheduling is the responsibility of the Project Manager who reports directly to the Gilbane representative.

Safety:

A site-specific Safety Manual and Corporate Safety Manuel is the basis of AMERICAN Occupational Safety and Health Program, and are administered by AMERICAN's Health and Safety Departments' staff. All necessary MSDS sheets and our Health & Safety Plan with MSDS sheets will be submitted under a separate cover.

General Scope of Demolition Work:

Abatement & Safety plan coming under different cover in August 2023

AMERICAN will comply with the requirements of contract and documents for this project. This includes but not limited to: safety, truck routes, work hours, safety plan, and 3rd party inspections and written specifications, etc.

In general, demolition of the areas as noted on civil drawings will occur during normal work hours. The work will be performed with heavy equipment within required vibration limits and noise limits AMERICAN will confirm that all utilities have been made safe. A review of the work area will be conducted by AMERICAN to reaffirm that it is free of any possible hazardous material, and all the necessary environmental measures are in place. All resulting non-hazardous debris with be removed, properly transported, and disposed/recycled of as per all applicable local, state and federal regulations prior to demolition phase and verified by owner's consultant.

DEMOLITION EQUIPMENT AND PROCEDURES

American Environmental Inc. uses the safest and the best maintained equipment of all types for demolition. We select the most appropriate equipment for each project for maximum safety and efficiency.

American Environmental Inc.will use a Volvo 380 and 480 excavators to dismantle the former Driscoll School. Building components will be wetted in place with use of fire hoses and dust boss technology supplied from approved Brookline Hydrant connections. Structures will be demolished from top to bottom foundations will be removed and footprint will be graded to a safe OSHA slope Building Demolition will begin at Bartlett Street and separated into four sections as per attached plan from West to East all demolition work and trucking will be conducted at the rear of the existing Michael Driscoll School

Building Demolition- Sequence

1. Safety Controls in place fall arrest system in place

2. Area secured with warning tape and exterior fencing in place by others confirm placement with Gilbane and Derenzo

- 3. Dig Safe number in place
- 4. Cut & Caps and permitting in place
- 5. Dust Control in place use fire hydrants and dust boss technology
- 6. Demolition Sequence West to East
- 7. Demolition of structures from top to foundation
- 8. Demolition will proceed West to East
- 8. Segregation and Removal of debris via excavator with grapple
- 9. Demolition Debris live loaded and removed from site in covered trucks
- 10 Concrete debris live loaded and removed from site in covered trucks.
- 11.Leave site graded to OSHA standard
- 12.Provide closeout package to Gilbane team

Safety:

Provide all safety precautions including but not limited to fall protection equipment, protective clothing, and protective equipment per spec 02 83 13 Asbestos Abatement section 2

• Site Specific Safety Manual and MSDS will be submitted separately.

Work Site Safety:

- All workers exposed to a leading edge will be properly tied off at all times 6 feet and over above ground level
- All leading edges will be protected by OSHA approved methods during the construction phase and while workers are in the building.
- AMERICAN will maintain as many means of egress as possible during gut out phase keeping walkway clears.
- Exclusion zones will be set up around items being removed or lowered via danger tape, where material is being removed and will have a designated spotter on ground.

• AMERICAN's construction supervisor will inspect the site prior to the commencement of the demolition in addition to making daily site visits.

Dust Control:

 AMERICAN will utilize wet methods to mitigate dust from available perimeter hydrants and dust boss equipment please see spec sheet for dust boss. American will utilize available hydrants to saturate material to mitigate dust. American also set up dust bosses strategically to prevailing wind to further mitigate dust during demolition.

Noise Mitigation:

AEI please expand upon dust mitigation plan. Show dust mitigation setup in relation to initial Demolition of Phase 1/2

- AMERICAN will utilize low impact equipment to limit noise and vibration.
- In addition, AMERICAN will peel back and size foundations with hydraulic jaws rather then hammering concrete to size to limit noise and vibration

Trucking:

- AMERICAN anticipates utilizing 70-yard trailer dumps during load outs, making multiple round trips utilizing site traffic plan
- Trucks will not be allowed to idle for extended periods and will be strictly enforced onsite.
- Trucks will enter from Washington Street to Bartlett Street to left on Bartlett Crescent backing across Bartlett Street into the demolition zone.
- Once trucks are full, they will be covered and secured and leave the demolition zone left on Bartlett Street and right on Washington Street to Mass Pike
- Trucking hours are to be between 7:00 AM and 3:30 PM along with school requirements. MTWRF
- No Trucking will be allowed during drop off and dismissal period for students approximately 35-45 minutes each.

The site will be left free of debris and visually inspected

After appropriate documentation is received by AMERICAN, Gilbane Team will be provided with a close out documents.

Laborers will be assigned for cleanup on a daily basis as required.

Segregation of Materials

Debris resulting from demolition will be segregated into different piles for load-out. These materials include metals (ferrous and non-ferrous), recyclable C&D, non-recyclable C&D, masonry, concrete, etc. This segregation shall occur throughout the demolition process to meet or exceed LEED requirements.

Transportation and Disposal – Victoria Trucking/Dunn Landfill Rensselaer, New York

All materials leaving the site (i.e. C&D, metals, wood, etc.) will be loaded into 70 yard open top trailers covered to an off-site disposal/recycling facility. A waste disposal receipt will accompany any material hauled off-site.

Final Clean-up

Upon completion of demolition work, final clean-up will be done to ensure project is completed to the satisfaction of the Owner.

Unforeseen Condition

If unknown hazardous materials or suspect asbestos are discovered, work will stop, and Gilbane will be notified to ascertain the hazard and make recommendations that will allow the project to continue with minimal delays.

Provide description of all products used i.e. sheet plastic and miscellaneous materials per spec 02 83 13 Asbestos Abatement part 2

> Work is complete when the work area is visually clean and the contractor is to notify Gilbane and The OPM that the area is ready for visual inspection





GENERAL SCHEDULE: NOVEMBER 2023 TO MARCH 2024





DB-60



DUSTBOSS® 60

The DB-60 is capable of covering more than 125,000 square feet (11,613 square meters) with its powerful dust-trapping mist when equipped with optional user-definable oscillation (up to 359°).

The DB-60 is also available as a tower-mounted unit for applications requiring dust capture from above.



dust B\$\$55

DB-60

SPECIFICATIONS

GENERAL SPECIFICATIONS

- = Throw: 200 feet (60 meters).
- Fan: 30,000 CFM (849.50 CMM) generated by 25 HP fan.
- Coverage with standard 0°-40° oscillation: 21,000 square feet (1,950 square meters).
- Coverage with optional 359° user-definable oscillation: 125,000 square feet (11,613 square meters).
- = Adjustable throw angle: 0°-50°.
- Nozzles: 30, brass (also available in stainless and nylon).
- Droplet size: of 50-200 microns.
- Premium efficiency direct-drive motor.

ELECTRICAL SPECIFICATIONS

- U.S.: 3 Phase / 25 HP fan / 480 Volt / 60 Hertz. Full load current: 46 amps. 60 Kw gen set is recommended.
- Other motor options available, including all international electrical motors.
- I0 HP (7.5 Kw) high-pressure booster pump with no lift.
- Oscillator: 1/8 HP (0.10 Kw).
- = 150 foot (45.72 meters) 8/4 type W electrical cord.
- Bare wired electrical cord (no male plug).
- = NEMA 3R cabinet with control panel.

OUR WARRANTY 3-year/3,000-hour warranty.

WATER REQUIREMENTS

- = 10 PSI (0.69 BAR) constant pressure must be delivered to booster pump.
- Maximum inlet water pressure should not exceed 100 PSI (6.89 BAR) when operating the booster pump.
- Maximum PSI delivered by booster pump is 250 PSI (17.24 BAR).
- In-line 30 mesh (595 micron) filter system is included and should be used at all times.
- Contact us for recommendations if using non-potable water.
- Connection: 1-1/2" (38.10 mm) cam-andgroove quick disconnect female coupling for fire hose provided on machine.

MAINTENANCE

- If using potable water, nozzles need to be inspected once a year.
- Fan motor and high pressure pump should be greased every 10,000 hours.
- Turntable bearing should be greased on a regular maintenance schedule, or as needed.

NOISE

Between 86 and 100 decibels at 0 feet.

PERFORMANCE ADDITIVES

= Full line of DustBoss surfactants, tackifying agents, or odor control agents can be used with optional dosing pump.

OPTIONS

- Unit is available with optional userdefinable oscillation to allow up to 359° of movement. Standard oscillation provides 0°-40° of movement.
- Available on frame with skid mount or on a tower. Standard unit comes on threewheeled carriage.
- Dosing pump can be added to unit for chemical applications.

DIMENSIONS

(standard carriage mount)

- 6.75 feet (81 inches or 2.06 meters) wide.
- 9.75 feet (117 inches or 2.97 meters) long.
- = 7.17 feet (86 inches or 2.19 meters) tall.
- = 1,800 lbs. (816.50 kilograms).

ENGLISH UNITS				
Supplied Water Pressure, psi	40	60	80	100
Water Flow with Booster Pump, gpm	22.2	23.9	25.4	26.7
Water Flow, no Booster Pump, gpm	12	14.6	16.9	18.9
METRIC UNITS				
Supplied Water Pressure, bar	2.8	4.14	5.5	6.89
Water Flow with Booster Pump, Ipm	84	90.5	96.1	101.1
Water Flow, no Booster Pump, Ipm	45.4	55.3	64	71.5
		1½" Fir	e Hose Wat	er Supply

