

ASBESTOS ABATEMENT PROJECT DESIGN

PREPARED ESPECIALLY
FOR:

ARLINGTON HEIGHTS PARK DISTRICT
410 N. ARLINGTON HEIGHTS ROAD
ARLINGTON HEIGHTS, IL 60004

PROJECT LOCATION:

ADMINISTRATION BUILDING
410 N. ARLINGTON HEIGHTS ROAD
ARLINGTON HEIGHTS, IL 60004

MEC PROJECT #: 25-04-0430-PD



Consultant:
Midwest Environmental Consulting Services, Inc.
2551 N. Bridge Street
Yorkville, IL 60560
Ph. 630.553.3989
Fax 630.553.3990
www.mec-us.com

CONTRACTOR TO FIELD
VERIFY ALL QUANTITIES:

Project Designer:
Michael Glenn, P.E.

LIC #:
IDPH No. 100-02620



Project Location:
Administration Building
410 N. Arlington Heights Rd
Arlington Heights, IL 60004

Client:
Arlington Heights
410 N. Arlington Heights Rd
Arlington Heights, IL 60004

REVISIONS

Number:	Date:	Rev. By:

Drawn By:	Scale:
BGC	NTS

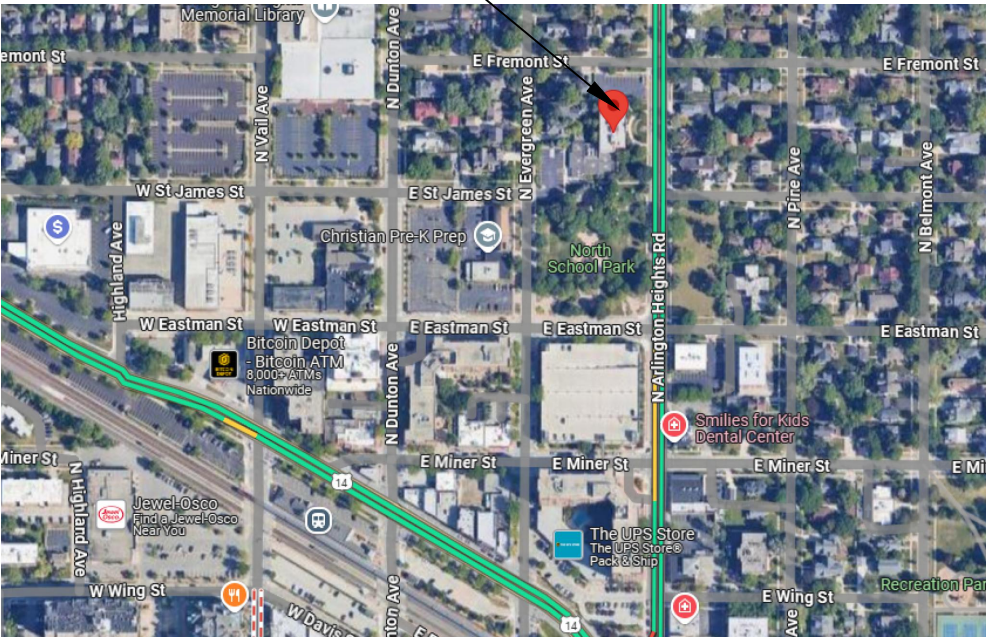
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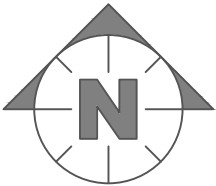
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COVER SHEET

SITE



SITE LOCATION MAP
NTS



ASBESTOS ABATEMENT DRAWING INDEX

GENERAL:

- G - 0 COVER SHEET
- G - 1 SCOPE OF WORK/GENERAL NOTES

ASBESTOS ABATEMENT PLAN:

- ASB - 1 BASEMENT - ASBESTOS ABATEMENT PLAN

PROJECT TIMELINE:

- PRE-BID WALK THROUGH: TUESDAY, JUNE 3, 2025 @ 8:00 AM
- BID DUE DATE: TUESDAY, JUNE 17, 2025 @ 11:30 AM (PUBLIC BID)
- PROJECT START: TBD
- PROJECT COMPLETION: TBD

REVIEWED BY:

SCOPE OF WORK:

The Contractor shall follow all applicable IDPH, EPA, and OSHA rules and regulations. The Contractor shall install plywood barriers and/or lock doors with sufficient signage to isolate the building in order to prevent access by unauthorized personnel. Barriers shall be constructed in accordance with IDPH rules and regulations, Title 77 of the Illinois Administrative Code (77IAC), Section 855.430.

Contractor to remove all floor tile and floor masticfrom basement under a full containment. Floor mastic shall be removed using mechanical methods. Use of chemical mastic remover is prohibited on this project.

Owner will be responsible for removing all moveable objects from rooms where abatement is scheduled.

Contractor shall provide all worker paperwork to MEC's on-site Project Manager at the beginning of the shift on the first day of the project. If additional workers arrive during the duration of the project, their paperwork shall also be provided to the MEC Project Manager. For Asbestos Workers and Supervisors, this includes copies of the current IDPH license, training certificate, physical, and fit test for each person. All persons involved shall have his/her IDPH "hard card" license on-site each and every day said person is on-site. Any and all workers who do not provide the required documentation shall not be admitted to the project site by the MEC Project Manager.

Contractor shall be responsible for the removal of asbestos containing material utilizing gross removal methods within a full containment work area as identified on the accompanying drawings.

Full containment work areas shall consist of critical seals, one layer of 4-mil poly on the walls, and one layer of 6-mil poly on the ceiling. An attached 3-chamber decon and 2-chamber waste-out shall be constructed at the entry to the full containment work area.

The Contractor shall install 7/16" plywood or equivalent over one layer of six mil poly and then place two additional layers of six mil poly over the 7/16" plywood underneath the decon unit in the work areas to protect the flooring from damage. Any damage to the existing flooring system shall be repaired or replaced at the contractor's expense.

The Contractor shall provide a manometer for the full containment work area to ensure that a negative pressure of 0.02" w.c. is maintained throughout the duration of the project. All negative air exhaust tubing shall be vented outside the work area.

All waste shall be adequately wet and double-bagged. Waste containers shall be labeled and leak-proof. All waste with sharp-edged components (e.g. nails, screws, metal lath, floor tile, etc.) shall be placed into drums for disposal. All equipment and double-bagged/labeled waste shall be transported from the work area directly to an enclosed, lockable, signed and poly-lined dumpster. All double-bagged and labeled waste shall be transported from the work area in a covered gondola. No waste shall be left within the building overnight.

All electrical systems shall be shut down and locked out. All electrical power within the work areas shall be “ground-fault protected” utilizing Ground Fault Circuit Interrupters. The Contractor is required to handle all electrical shut downs. Temporary lighting is the Contractor's responsibility and shall be provided as necessary.

The owner will assist the Contractor with electrical shut downs and HVAC isolation within the work area. The building owner shall be responsible for maintaining appropriate life safety code requirements, including fire protection, for the building for the duration of the project.

Clearance is to be by aggressive PCM and will follow requirements defined in 77IAC, Sections 855.170 (b)(c)(d) and 855.220(d).

NOTES - GENERAL

- Contractor is required to visit the project site in order to submit a bid.
- Drawing identifies the scope of work and is identified as "WORK AREA".
- Work will be completed following all applicable requirements.
- The Owner will not accept any change orders based on the Contractor's failure to recognize unique conditions.
- All permits and fees that need to be filed, are the responsibility of the Contractor. A copy of these permits and receipts shall be supplied to the Owner's representative prior to start of work.
- The replacement of the abated materials is not of this contract.
- Contractor shall supply a licensed electrician to hook up electrical equipment if need be.
- It is the Owner's responsibility to remove all moveable objects.
- Contractor to use only IDPH-licensed workers.
- Contractor's IDPH-licensed supervisor must be on site at all times.
- Contractor is responsible for supplying electrical power and water.
- All negative air shall be exhausted outside the building.
- Contractor shall be responsible for supplying adequate protection for workers.
- Contractor shall comply with applicable building and safety requirements.
- Walk-off mats shall be required at all entrances to work areas.
- Contractor may be responsible for additional Project Management and Air Sampling, and any Additional Associated Costs (including Sampling) incurred due to Contractor delays and/or Contractor failure to perform.

SCOPE REVIEW		
INITIAL	SIGNATURE	DATE



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**SCOPE OF WORK /
GENERAL NOTES**

GENERAL ASBESTOS ABATEMENT NOTES:

1. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD.
2. CONTRACTOR SHALL CHAIN AND LOCK DOOR OR INSTALL SEPARATION BARRIERS TO PREVENT ACCESS BY UNAUTHORIZED PERSONNEL TO THE WORK AREA.
3. NEGATIVE AIR SHALL BE EXHAUSTED OUTSIDE THE WORK AREA.
4. FULL CONTAINMENT SHALL INCLUDE CRITICAL SEALS, TWO LAYERS OF 4-MIL POLY ON THE WALLS, AND ONE LAYER OF 6-MIL POLY ON THE CEILING.
5. CONTRACTOR SHALL INSTALL AN ATTACHED 5-CHAMBER DECON TO THE FULL CONTAINMENT WORK AREA.
6. CONTRACTOR SHALL INSTALL AN ATTACHED 2-CHAMBER WASTE-OUT TO THE FULL CONTAINMENT WORK AREA.
7. CONTRACTOR SHALL INSTALL AN ATTACHED 1-CHAMBER AIR-LOCK.
8. THE CONTRACTOR SHALL REMOVE ASBESTOS CONTAINING MATERIAL UTILIZING GROSS REMOVAL METHODS WITHIN A FULL CONTAINMENT WORK AREA.

ABATEMENT LEGEND:

- LOCATION OF ACM FLOOR TILE & MASTIC
- FULL CONTAINMENT AREA
- CHAIN AND LOCK DOORS
- SEPARATION BARRIER
- 123

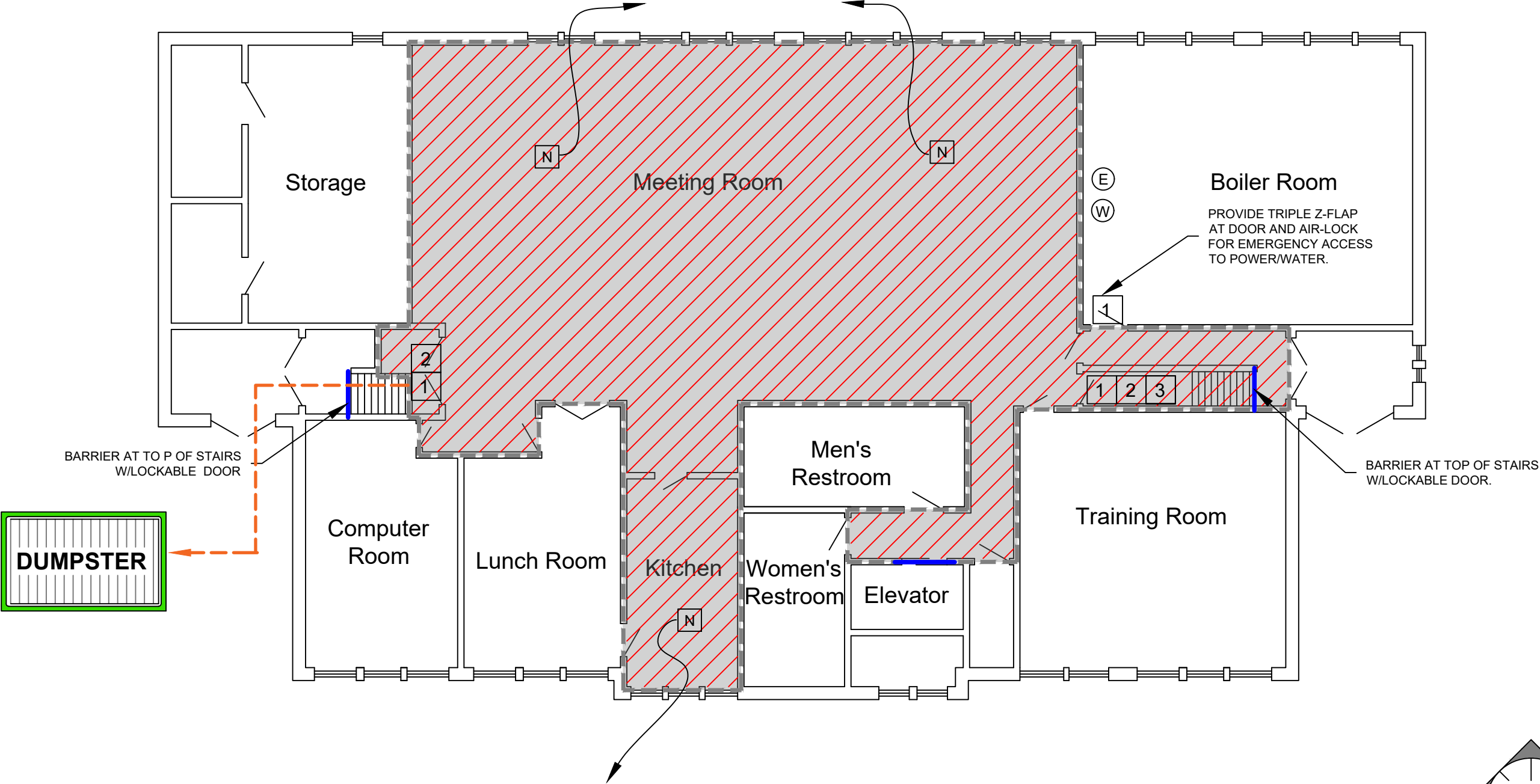
3-CHAMBER DECON
- 12

2-CHAMBER WASTE-OUT
- N

NEGATIVE AIR
- E

ELECTRICAL SOURCE
- W

WATER SOURCE



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BASEMENT
ASBESTOS ABATEMENT
PLAN