EAST AURORA SCHOOL DISTRICT 131 417 5TH STREET AURORA, ILLINOIS 60505

ASBESTOS ABATEMENT WORK FOR 2021 PROJECTS ASBESTOS ABATEMENT AT WALDO MIDDLE SCHOOL



SCOPE OF WORK

THE ACCOMPANYING DRAWINGS, SPECIFICATIONS AND BID DOCUMENTS HAVE BEEN DESIGNED TO FACILITATE THE REPLACEMENT OF THE HVAC SYSTEM FOR THE BUILDING.

APPLICABLE CODES

THE ASBESTOS ABATEMENT WORK IS GOVERNED BY THE FOLLOWING ILLINOIS CODES:

IDPH: RULES FOR ASBESTOS ABATEMENT FOR PUBLIC AND PRIVATE

SCHOOLS AND COMMERCIAL AND PUBLIC BUILDINGS IN

ILLINOIS (77 III. ADM. CODE 855

IEPA: NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR

POLLUTANTS (NESHAP) 40 CFR 61.

OSHA: OCCUPATIONAL SAFETY AND HEALTH STANDARDS - ASBESTOS

(1910.1001)



174 North Brandon Drive Glendale Heights, IL 60139 (630) 790-0880 (630) 790-0881 FAX



WALDO MIDDLE SCHOOI 56 JACKSON STREET AURORA, IL 60505

ISS	ISSUE/REVISION:		
REV.	DATE	DESCRIPTION	
1	10/22/20	ISSUED FOR BID	

EAST AURORA SCHOOL DISTRICT #131 417 5TH STREET AURORA IL 60505

PROJECT:

SHEET LISTING

PHASE LAYOUT - WINTER AND SPRING ABATEMENT
PHASE LAYOUT - WINTER WITH ALTERNATES ABATEMENT

LOWER LEVEL AND FIRST FLOOR ABATEMENT PLAN

SECOND FLOOR ABATEMENT PLAN

FOURTH FLOOR ABATEMENT PLAN

THIRD FLOOR ABATEMENT PLAN

TITLE SHEET

ASR01

ASB02

ASB03

ASB04

WALDO MIDDLE SCHOOL ABATEMENT PLAN

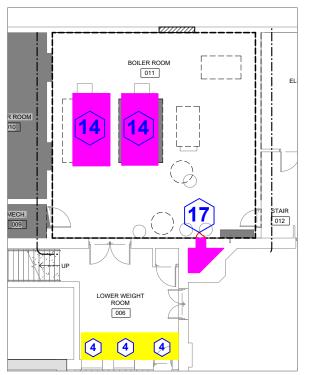
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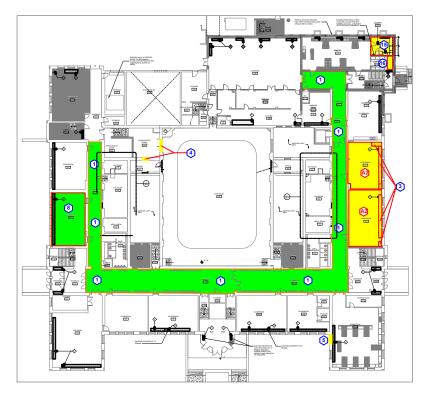
TITLE SHEET

DRAWN BY: DRAKE OTTLEY
CHECKED BY: STEVEN GENESER

PROJECT NO: 60889 SHEET NO.

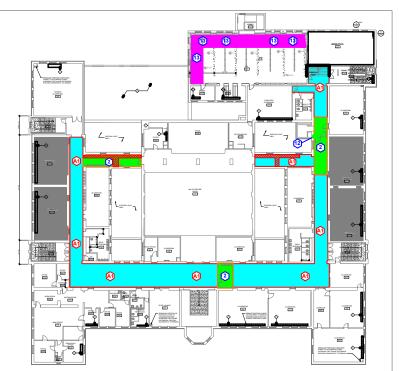
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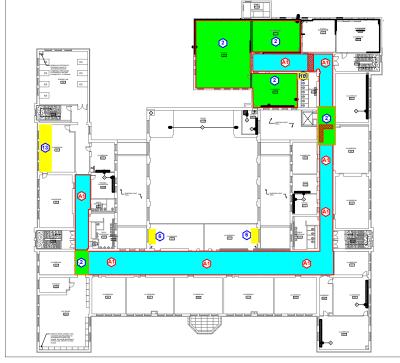


1 LOWER LEVEL ABATEMENT PHASING PLAN ASBESTOS ABATEMENT -

FIRST FLOOR ABATEMENT PHASING PLAN **ASBESTOS ABATEMENT -**

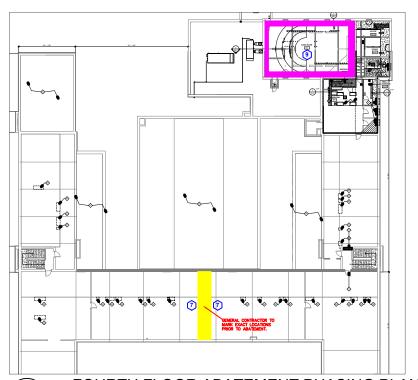


SECOND FLOOR ABATEMENT PHASING PLAN **ASBESTOS ABATEMENT -**



THIRD FLOOR ABATEMENT PHASING PLAN ASB03 ASBESTOS ABATEMENT -

ABATEMENT PHASE SCHEDULE					
AREA OF WORK	COLOR	SHEET NUMBER			
AUCTO WORK			TIME FRAME	START DATE	COMPLETION DATE
WINTER BASE BID INCLUDES CLASSROOM 102, 324, 325, 326, ENTIRE 1ST FLOOR CORRIDOR, SELECTIVE 2ND FLOOR CORRIDORS, AND SELECTIVE 3RD FLOOR CORRIDORS.		ASB01 ASB02 ASB03 ASB04	WINTER BREAK 2020	4:00PM 12/18/2020	11:59PM 1/2/2021
SPRING BASE BID: INCLUDES LOWER WEIGHT ROOM, CLASSROOM 110, 111, 112, 115A, 115B, OFFICE 120, CLASSROOM 301, 309, 310, 327 MEZZANINE, AND ATTIC.		ASB01 ASB02 ASB03 ASB04	SPRING 2021	4:00PM 3/26/2021	11:59PM 4/12/2021
ALTERNATE: 2ND FLOOR CORRIDOR AND 3RD FLOOR CORRIDOR		ASB02 ASB03	WINTER BREAK 2020	4:00PM 12/18/2020	11:59PM 1/2/2021
ABATEMENT FOR BASE BID AND ALTERNATES ARE ACCEPTED		ASB01 ASB02 ASB03 ASB04	WINTER BREAK 2020 ALL WORK	4:00PM 12/18/2020	11:59PM 01/17/2021
EXTERIOR, BOILER ROOM, CHIMNEY, BANDROOM 401, AND LRC.		ASB01 ASB02 ASB04	SCHEDULED AND C DISTRICT. WORK		



FOURTH FLOOR ABATEMENT PHASING PLAN ASB04 **ASBESTOS ABATEMENT -**



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WALDO MIDDLE SCHOOL 56 JACKSON STREET AURORA, IL 60505

ISSUE/REVISION: REV. DATE DESCRIPTION 10/22/20 ISSUED FOR BID

EAST AURORA SCHOOL DISTRICT #131 417 5TH STREET AURORA IL 60505

PROJECT:

WALDO MIDDLE SCHOOL ABATEMENT PLAN

DRAWING TITLE:

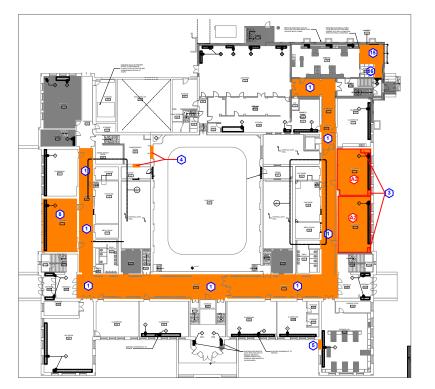
WINTER AND SPRING **ABATEMENT**

DESIGNED BY: JAMES TUINENGA, CIH DRAWN BY: DRAKE OTTLEY CHECKED BY: STEVEN GENESER

PROJECT NO: 60889

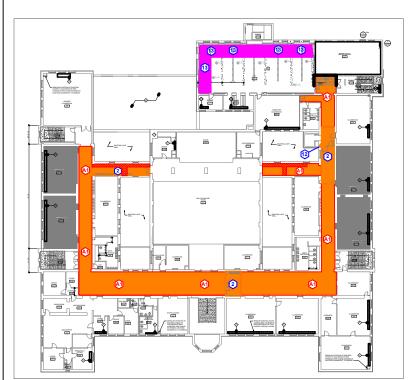
PH-01

WALDO MIDDLE SCHOOL 011 BOILER ROOM MECH. 009 006

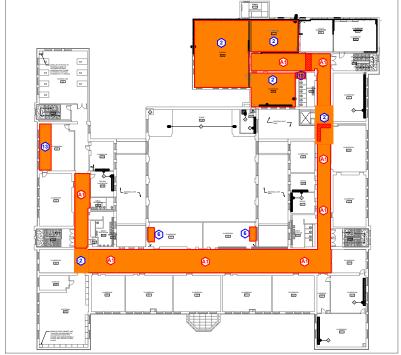


ASB01 1 LOWER LEVEL ABATEMENT PHASING PLAN ASBESTOS ABATEMENT -

FIRST FLOOR ABATEMENT PHASING PLAN ASBESTOS ABATEMENT -

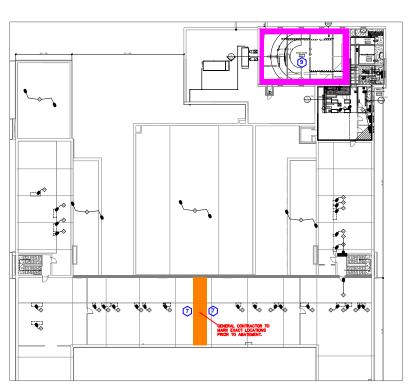


SECOND FLOOR ABATEMENT PHASING PLAN ASBESTOS ABATEMENT -



THIRD FLOOR ABATEMENT PHASING PLAN ASB03 ASBESTOS ABATEMENT -

WINTE	R WITH ALT	ERNATES A	BATEMENT PHASE SCH	IEDULE	
1051 55 1/50/	COLOR	SHEET NUMBER			
AREA DF WORK			TIME FRAME	START DATE	COMPLETION DATE
ABATEMENT FOR BASE BID AND ALTERNATES ARE ACCEPTED		ASB01 ASB02 ASB03 ASB04	WINTER BREAK 2020 ALL WORK	4:00PM 12/18/2020	11:59PM 01/17/2021
EXTERIOR, BOILER ROOM, CHIMNEY, BANDROOM 401, AND LRC.		ASB01 ASB02 ASB04	SCHEDULED AND C DISTRICT. WORK		



FOURTH FLOOR ABATEMENT PHASING PLAN ASB04 **ASBESTOS ABATEMENT -**



ENVIRONMENTAL, INC.

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WALDO MIDDLE SCHOOL 56 JACKSON STREET AURORA, IL 60505

ISSUE/REVISION: REV. DATE DESCRIPTION

EAST AURORA SCHOOL DISTRICT #131 417 5TH STREET AURORA IL

PROJECT:

WALDO MIDDLE SCHOOL ABATEMENT PLAN

DRAWING TITLE: WINTER WITH **ALTERNATES** ABATEMENT

DESIGNED BY: JAMES TUINENGA, CIH DRAWN BY: DRAKE OTTLEY CHECKED BY: STEVEN GENESER PROJECT NO: 60889

FIRST FLOOR ABATEMENT PLAN

ELECTRICAL ROOM 013

SCOPE OF WORK

SCOPE OF WORK: Removal and disposal of asbestos containing materials per specification 02080 and 028215. Removal and disposal of Universal and Hazardous Waste Management 028613 and all applicable IDPH, IEPA, USEPA and OSHA rules and regulations.

®	ABATEMENT KEY NOTES
6	INDICATES REMOVAL OF 1X1 CEILING TILE, ADHESIVE, AND PLASTER CEILING (COMPLETE).
2	INDICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER TO REMAIN).
3	INDICATES SELECTIVE DEMOLITION AND REMOVAL OF CASEWORK AND UNDERLYING LINOLEUM AND FLOOR TILE.

NDICATES REMOVAL OF WINDOW AND DOOR TRANSOM CAULK AND PANELS COMPLETE WITH BOARD UP.

IDICATES EXTERIOR WINDOW REMOVAL AND WEATHER TIGHT BOARD

NDICATES VINYL FLOOR TILE REMOVAL AND UNDERLYING ASBESTOS CONTAINING FLOOR TILE AND MASTICS. NDICATES REMOVAL AND DISPOSAL DRYWALL AND ASBESTOS Ø, ONTAINING DRYWALL JOINT COMPOUND

NDICATES REMOVAL AND DISPOSAL OF 2'X2' CEILING TILE AND GRID **(8)** YSTEM. SECURE AND SALVAGE ALL CEILING MOUNTED EQUIPMENT AND LECTRICAL COMPONENTS

ø) EGBOARD PANELS COVERING PLASTER WALLS.

10 IDICATES REMOVAL AND DISPOSAL OF HVAC WHITE DUCT SEALANT RESENT ON TWO DUCTS AND EMBEDDED PIPE INSULATION IN PYROBAR.

NDICATES REMOVAL OF CASEWORK INSULATION LINER. CLEAN AND PROTECT HISTORIC CASEWORK AFTER REMOVAL OF LINER.

NDICATES REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING PIPE M) ISULATION AND PROTECTIVE METAL SLEEVE.

NDICATES REMOVAL AND DISPOSAL OF CASEWORK PROTECTIVE (3) ISULATION LINING, REMOVAL OF RADIATORS, AND CASEWORK COMPLETE).

NDICATES BOILER REFRACTORY/FIREBOX ACCESS IN COORDINATION **(4)** VITH GC AND ENVIRONMENTAL CONSULTANT TO DETERMINE IF ANY ITERIOR COMPONENTS CONTAIN ASBESTOS.

NDICATES SELECTIVE REMOVAL AND SALVAGE OF CASEWORK AND ELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORING, PLYWOOD LOOR TILE, AND MASTIC (COMPLETE).

IDICATES SELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORING 16 LOOR TILE AND MASTIC. CONTRACTOR TO LEAVE CLEAN EDGE.

ONSULTANT TO DETERMINE IF ANY INTERIOR COMPONENTS CONTAIN

DICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER TO

EMOVAL AND DISPOSAL OF LINOLEUM FLOORING, FLOOR TILE AND



(A1)

(A2)

12

ABATEMENT CONTRACTOR RESPONSIBLE FOR VERIFYING CONDITIONS AND MATERIAL QUANTITIES PRIOR TO SUBMITTING PRICING PROPOSAL TO EAST AURORA SCHOOL DISTRICT # 131. NO PROJECT CHANGE ORDERS SHALL BE CONSIDERED FOR CONDITIONS OR QUANTITIES THAT COULD HAVE OR SHOULD HAVE BEEN IDENTIFIED PRIOR TO RICING SUBMITTAL

ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL ENVIRONMENTAL WORK WITH ENVIRONMENTAL CONSULTANT AND BUILDING OWNER PRIOR TO

START OF ABATEMENT

DAMAGES TO WALL/CEILING PAINTS, PLASTER AND DRYWALL WALLS AND CEILINGS, LIGHTING OR ELECTRICAL COMPONENTS, AND HISTORIC CASEWORK WILL UTOMATICALLY BE DEDUCTED FROM ABATEMENT CONTRACTOR. DUE TO SCHEDULE CONSTRAINTS ENVIRONMENT CONTRACTOR WILL NOT BE AFFORDED TIME TO FIX ANAGES:

URING ALL PHASES OF ABATEMENT BOILER IS TO REMAIN IN OPERATION. ABATEMENT CONTRACTOR TO PROVIDE SUFFICIENT TEMPORARY HEAT TO ROOMS/ AREAS IPACTED BY ABATEMENT WORK.

ALL FLOOR TILES AND MASTIC REMOVAL TO BE COMPLETED BY MECHANICAL MEANS ONLY. NO SOLVENTS TO BE USED DURING REMOVA

ABATEMENT CONTRACTOR RESPONSIBLE FOR THE SECURITY OF WORK AREAS DURING ALL ABATEMENT ACTIVITIES

OOT, ASH, AND BUILT UP DEBRIS HAS BEEN TCLP TESTED FOR EIGHT RCRA METALS, AND RESULTS ARE PENDING. FOR PRICING PURPOSES ASSUME ALL PACKAGED DEBI SENERATED FOR THIS PROJECT WILL BE DISPOSED AS NON-HAZARDOUS SPECIAL WASTE AT A SUBTITLE D FACILITY. ALL WASTE SHALL BE PROPERLY PACKAGED AND ABELED PER APPLICABLE EPA AND OSHA RECUIREMENTS.

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive including demolition ASBESTOS ABATEMENT: of non - asbestos plaster ceiling. Plaster is only to be removed on areas directly above 1x1 ceiling tile. Black iron, perpendicular C channels, and all electrical components to remain. A smooth cut must be made on the plaster. The 1x1 ceiling tile does not run to the perimeter edge Ornamental plaster ceiling design to remain. (See abatement Key Note (1) for location). Abatement Contractor to salvage all electrical wires and components above plaster ceiling

BASE BID

BASE BID

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT

ASBESTOS ABATEMENT:

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ASBESTOS ABATEMENT:

HAZARDOUS AND UNIVERSAL WASTE:

BASE BID

BASE BID

BASE BID

BASE BID

BASE BID

ALTERNATE # 1

AND DEMOLITION:

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Ke ASBESTOS ABATEMENT: Note (2) for location). - (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove selective areas approximately 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement.

BASE BID Selective demolition and disposal of Casework and selective removal and disposal of linoleum GENERAL DEMO AND flooring with underlying asbestos containing 9"x9" floor tile and mastic beneath casework. (See ASBESTOS ABATEMENT: abatement Key Note 3 for locations). Scope of work includes an additional 100 square feet of floor tile and mastic removal to allow for unit ventilator and pipe chase installation BASE BID

Removal and disposal of asbestos containing window caulk and spandrel panel (complete). ASBESTOS ABATEMENT: (See abatement Key Note 4) for location). Abatement contractor to install secure temporary safety board up, does not have to weather tight.

> Exterior removal and disposal of asbestos containing window caulk and spandrel panel (complete). (See abatement Key Note 5 for location). Abatement contractor to install sufficient weather tight safety board up to ensure building can be secured for four (4) months.

Selective removal and disposal of vinyl floor tile and underlying asbestos containing 9'x9' floor tile and mastics (complete). (See abatement Key Note 6 for location and general notes regarding selective work).

Selective removal and disposal of approximately 30 SF of asbestos containing drywall joint ASBESTOS ABATEMENT: compound. Abatement Contractor to coordinate with General Contractor for exact location and wall openings. (See abatement Key Note 7 for Approximate location).

Removal and disposal of asbestos containing 2'x2' ceiling tile and ceiling tile grid system. Secure and salvage all existing ceiling mounted equipment including but not limited to projecto mounts, wireless access points, exit signs, light fixtures, etc. (See abatement Key Note 8 for

Removal and disposal of asbestos containing textured plaster walls in band room 401. Abatement contractor shall remove pegboard panels, and chalkboards covering plaster on North, East, and West walls. Lower South wall is exposed, Upper South wall has Approximately 300 square feet of non ACM spray on from 8 feet to ceiling covering ACM Plaster which requires removal. Wooden storage Cabinet, Drinking fountain, exit signage, electrical items, and two (2) instrument storage lockers to be removed by abatement contractor and salvaged for reinstallation by general contractor. PVC Piping to remain intact. (See abatement Key Note 9 for locations).

BASE BID Removal of asbestos containing HVAC thin white duct sealant present on two ducts and pipe ASBESTOS ABATEMENT: insulation embedded in pyrobar block behind ducts. (See abatement Key Note 10 for locations).

BASE BID Removal and disposal of asbestos containing pipe insulation in metal sleeve floor to ceiling ASBESTOS ABATEMENT: (complete) in corridor 200D. (See abatement Key Note 11 for locations). BASE BID Removal of asbestos containing lining inside casework. Abatement contractor to coordinate

with Mechanical Contractor for removal of radiators and General contractor for extent of work. Abatement Contractor shall clean and protect all historical casework, take care to protect LRC casework during all renovation activities (See abatement Key Note (12) for locations). Removal and disposal of asbestos containing casework protective insulation lining by radiator

Abatement contractor to remove radiators and casework (complete). Abatement Contractor to coordinate with General Contractor for extent of work. (See abatement Key Note 13 for

Abatement Contractor to provide access for interior material sampling of boiler refractory to determine the presence of asbestos containing materials. Removal and disposal of all mercury switches. (See abatement Key Note 14 for locations).

Casework to be removed by general trade under supervision of environmental contractor. Any disturbance to flooring, casework removal shall cease and becomes an environmental project. Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic (complete). (See abatement Key Note [15] for locations).

Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic abatement contractor to provide clean cut down to substrate to accommodate dimensions of new unit ventilator. (See abatement Key Note 🔞 for locations and general notes regarding selective work).

Abatement Contractor to provide access for interior material sampling of chimney chase to determine the presence of asbestos containing materials. Environmental contractor to remove and dispose of all built-up soot, ash, and debris from interior of chimney stack following single clean with encapsulation of interior chimney surfaces. All generated waste to be packaged in a negative pressure enclosure followed by lead clearance wipes. All waste generated is to be considered Subtitle D. (See abatement Key Note 17 for locations).

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Ke Note (A1) for location). - (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement. Do not damage plaster substrate when removing acoustical ceiling tile adhesive. Refer to General Notes for Damage details.

ALTERNATE # 2: Removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic (complete). (See abatement Key Note (A2) for locations).

ALTERNATE # 3: All Base Bid Work is completed between December 18, 2020 thru January 17, 2021 ALTERNATE # 4: All Base Bid Work, Alternate #1 and Alternate #2 is completed between December 18, 2020 thr

January 17, 2021. ALTERNATE # 5: Base Bid Work includes, abatement contractor provides access to boiler units. As an alternate

any identified ACM in the boiler will be removed and disposed of by Abatement Contractor. All boiler components to be disposed by others.

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ENVIRONMENTAL, INC. 174 North Brandon Drive

Glendale Heights, IL 60139 (630) 790-0880 (630) 790-0881 FAX



WALDO MIDDLE SCHOOL 56 JACKSON STREET AURORA, IL 60505

DATE DESCRIPTION 10/22/20 ISSUED FOR BID

ISSUE/REVISION:

EAST AURORA SCHOOL DISTRICT #131 417 5TH STREET AURORA IL

PROJECT:

WALDO MIDDLE SCHOOL ABATEMENT PLAN

DRAWING TITLE:

LOWER LEVEL AND FIRST FLOOR ABATEMENT PLAN

DESIGNED BY: JAMES TUINENGA, CIH DRAWN BY: DRAKE OTTLEY

CHECKED BY: STEVEN GENESER PROJECT NO: 60889

ASB-01



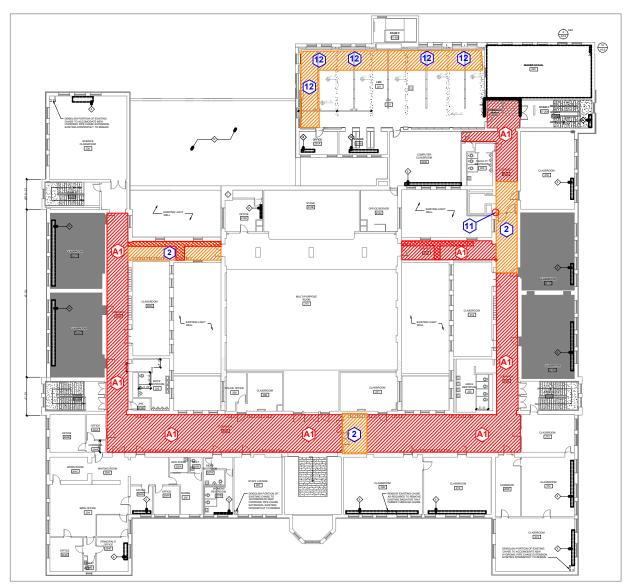
BUILDING OWNER RESPONSIBLE FOR THE REMOVAL OF ROOM CONTENTS FROM AREAS OF WORK PRIOR TO ABATEMENT ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL SELECTIVE ABATEMENT WORK WITH GENERAL CONTRACTOR AND ENVIRONMENTAL CONSULTANT PRIOR TO

SBESTOS ABATEMENT SHALL BE CONSIDERED COMPLETE FOLLOWING VISUAL INSPECTION BY TEM ENVIRONMENTAL ONSITE ASBESTOS PROJECT MANAGER AND WHEN HE RESULTS OF FINAL CLEARANCE AIR SAMPLING CONFIRMS <70 ASBESTOS STRUCTURES PER MMF AS MEASURED BY TRANSMISSION ELECTRON MICROSCOPY.

LOWER LEVEL ABATEMENT PLAN ASB01

ASB01

LOWER WEIGH ROOM



SCOPE OF WORK

SCOPE OF WORK: Removal and disposal of asbestos containing materials pe specification 02080 and 028215. Removal and disposal of Universal and Hazardous Waste Management 028613 and all applicable IDPH, IEPA, USEPA and OSHA rules and regulations.

Ø	ABATEMENT KEY NOTES
0	INDICATES REMOVAL OF 1X1 CEILING TILE, ADHESIVE, AND PLASTER CEILING (COMPLETE).
2	INDICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER T REMAIN).
3	INDICATES SELECTIVE DEMOLITION AND REMOVAL OF CASEWORK AND UNDERLYING LINOLEUM AND FLOOR TILE.
4)	INDICATES REMOVAL OF WINDOW AND DOOR TRANSOM CAULK AND PANELS COMPLETE WITH BOARD UP.
(5)	INDICATES EXTERIOR WINDOW REMOVAL AND WEATHER TIGHT BOARD UP.
6	INDICATES VINYL FLOOR TILE REMOVAL AND UNDERLYING ASBESTOS CONTAINING FLOOR TILE AND MASTICS.
0	INDICATES REMOVAL AND DISPOSAL DRYWALL AND ASBESTOS CONTAINING DRYWALL JOINT COMPOUND.
8	INDICATES REMOVAL AND DISPOSAL OF 2'X2' CEILING TILE AND GRID SYSTEM. SECURE AND SALVAGE ALL CEILING MOUNTED EQUIPMENT AI ELECTRICAL COMPONENTS.
9	INDICATES REMOVAL AND DISPOSAL TEXTURED PLASTER WALLS AND PEGBOARD PANELS COVERING PLASTER WALLS.
10	INDICATES REMOVAL AND DISPOSAL OF HVAC WHITE DUCT SEALANT PRESENT ON TWO DUCTS AND EMBEDDED PIPE INSULATION IN PYROB.
10	INDICATES REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING PIPE INSULATION AND PROTECTIVE METAL SLEEVE.
12	INDICATES REMOVAL OF CASEWORK INSULATION LINER. CLEAN AND PROTECT HISTORIC CASEWORK AFTER REMOVAL OF LINER.
13	INDICATES REMOVAL AND DISPOSAL OF CASEWORK PROTECTIVE INSULATION LINING, REMOVAL OF RADIATORS, AND CASEWORK (COMPLETE).
4	INDICATES BOILER REFRACTORY/FIREBOX ACCESS IN COORDINATION WITH GC AND ENVIRONMENTAL CONSULTANT TO DETERMINE IF ANY INTERIOR COMPONENTS CONTAIN ASBESTOS.
15	INDICATES SELECTIVE REMOVAL AND SALVAGE OF CASEWORK AND SELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORING, PLYWO FLOOR TILE, AND MASTIC (COMPLETE).
<u>(6)</u>	INDICATES SELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORI FLOOR TILE AND MASTIC. CONTRACTOR TO LEAVE CLEAN EDGE.
<u>Ø</u>	INDICATES CHIMNEY ACCESS IN COORDINATION WITH ENVIRONMENTA CONSULTANT TO DETERMINE IF ANY INTERIOR COMPONENTS CONTAIN ASBESTOS.
AI)	INDICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER T REMAIN).
	REMOVAL AND DISPOSAL OF LINOLEUM FLOORING, FLOOR TILE AND



GENERAL NOTES ABATEMENT CONTRACTOR RESPONSIBLE FOR VERIFYING CONDITIONS AND MATERIAL QUANTITIES PRIOR TO SUBMITTING PRICING PROPOSAL TO EAST AURORA SCHOOL DISTRICT #131. NO PROJECT CHANGE ORDERS SHALL BE CONSIDERED FOR CONDITIONS OR QUANTITIES THAT COULD HAVE OR SHOULD HAVE BEEN IDENTIFIED PRIOR T

NNER WILL PROVIDE DISTRICT ELECTRICIAN AND ANY NECESSARY EQUIPMENT CONNECTIONS TO BUILDING POWER

BUILDING OWNER RESPONSIBLE FOR THE REMOVAL OF ROOM CONTENTS FROM AREAS OF WORK PRIOR TO ABATEMEN

ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL ENVIRONMENTAL WORK WITH ENVIRONMENTAL CONSULTANT AND BUILDING OWNER PRIOR TO

ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL SELECTIVE ABATEMENT WORK WITH GENERAL CONTRACTOR AND ENVIRONMENTAL CONSULTANT PRIOR TO START OF ABATEMENT.

DAMAGES TO WALL/CEILING PAINTS, PLASTER AND DRYWALL WALLS AND CEILINGS, LIGHTING OR ELECTRICAL COMPONENTS, AND HISTORIC CASEWORK WILL AUTOMATICALLY BE DEDUCTED FROM ABATEMENT CONTRACTOR. DUE TO SCHEDULE CONSTRAINTS ENVIRONMENT CONTRACTOR WILL NOT BE AFFORDED TIME TO FIX

ING ALL PHASES OF ABATEMENT BOILER IS TO REMAIN IN OPERATION. ABATEMENT CONTRACTOR TO PROVIDE SUFFICIENT TEMPORARY HEAT TO ROOMS/ AREAS ACTED BY ABATEMENT WORK WHERE HEATING IS AFFECTED AFTER ABATEMENT WORK.

ALL FLOOR TILES AND MASTIC REMOVAL TO BE COMPLETED BY MECHANICAL MEANS ONLY. NO SOLVENTS TO BE USED DURING REMOVAL

ABATEMENT CONTRACTOR RESPONSIBLE FOR THE SECURITY OF WORK AREAS DURING ALL ABATEMENT ACTIVITIES.

SOOT, ASH, AND BUILT UP DEBRIS HAS BEEN TCLP TESTED FOR EIGHT RCRA METALS, AND RESULTS ARE PENDING. FOR PRICING PURPOSES ASSUME ALL PACKAGED DEBRI GENERATED FOR THIS PROJECT WILL BE DISPOSED AS NON-HAZARDOUS SPECIAL WASTE AT A SUBTITLE D FACILITY. ALL WASTE SHALL BE PROPERLY PACKAGED AND

SBESTOS ABATEMENT SHALL BE CONSIDERED COMPLETE FOLLOWING VISUAL INSPECTION BY TEM ENVIRONMENTAL ONSITE ASBESTOS PROJECT MANAGER AND WHEN HE RESULTS OF FINAL CLEARANCE AIR SAMPLING CONFIRMS <70 ASBESTOS STRUCTURES PER MMP AS MEASURED BY TRANSMISSION ELECTRON MICROSCOPY.

ASBESTOS ABATEMENT:

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive including demolitior of non - asbestos plaster ceiling. Plaster is only to be removed on areas directly above 1x1 ceiling tile. Black iron, perpendicular C channels, and all electrical components to remain. A smooth cut must be made on the plaster. The 1x1 ceiling tile does not run to the perimeter edge Ornamental plaster ceiling design to remain. (See abatement Key Note (1) for location). Abatement Contractor to salvage all electrical wires and components above plaster ceiling during demolition.

BASE BID

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Key ASBESTOS ABATEMENT: Note (2) for location). - (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove selective areas approximately 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement.

Removal and disposal of asbestos containing window caulk and spandrel panel (complete).

Selective removal and disposal of vinyl floor tile and underlying asbestos containing 9'x9' floor

Selective removal and disposal of approximately 30 SF of asbestos containing drywall joint

Removal and disposal of asbestos containing 2'x2' ceiling tile and ceiling tile grid system.

Removal and disposal of asbestos containing textured plaster walls in band room 401.

instrument storage lockers to be removed by abatement contractor and salvaged for

Abatement contractor shall remove pegboard panels, and chalkboards covering plaster on

North, East, and West walls. Lower South wall is exposed, Upper South wall has Approximately

300 square feet of non ACM spray on from 8 feet to ceiling covering ACM Plaster which requires

removal. Wooden storage Cabinet, Drinking fountain, exit signage, electrical items, and two (2)

Removal of asbestos containing HVAC thin white duct sealant present on two ducts and pipe

Removal and disposal of asbestos containing pipe insulation in metal sleeve floor to ceiling

Removal of asbestos containing lining inside casework. Abatement contractor to coordinate

with Mechanical Contractor for removal of radiators and General contractor for extent of work. Abatement Contractor shall clean and protect all historical casework, take care to protect LRC

Removal and disposal of asbestos containing casework protective insulation lining by radiator.

Abatement contractor to remove radiators and casework (complete). Abatement Contractor to coordinate with General Contractor for extent of work. (See abatement Key Note (13) for

Abatement Contractor to provide access for interior material sampling of boiler refractory to

determine the presence of asbestos containing materials. Removal and disposal of all mercury

Casework to be removed by general trade under supervision of environmental contractor. Any

Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9"

accommodate dimensions of new unit ventilator. (See abatement Key Note 16 for locations

Abatement Contractor to provide access for interior material sampling of chimney chase to

determine the presence of asbestos containing materials. Environmental contractor to remove

and dispose of all built-up soot, ash, and debris from interior of chimney stack following single

clean with encapsulation of interior chimney surfaces. All generated waste to be packaged in a

negative pressure enclosure followed by lead clearance wipes. All waste generated is to be

disturbance to flooring, casework removal shall cease and becomes an environmental project.

casework during all renovation activities (See abatement Key Note 12 for locations).

insulation embedded in pyrobar block behind ducts. (See abatement Key Note 10 for

Exterior removal and disposal of asbestos containing window caulk and spandrel panel (complete). (See abatement Key Note 5 for location). Abatement contractor to install sufficien

weather tight safety board up to ensure building can be secured for four (4) months.

safety board up, does not have to weather tight.

regarding selective work).

ASBESTOS ABATEMENT: tile and mastics (complete). (See abatement Key Note 6 for location and general notes

ASBESTOS ABATEMENT: compound. Abatement Contractor to coordinate with General Contractor for exact location and

ASBESTOS ABATEMENT: Secure and salvage all existing ceiling mounted equipment including but not limited to projector mounts, wireless access points, exit signs, light fixtures, etc. (See abatement Key Note ® for

reinstallation by general contractor. PVC Piping to remain intact. (See abatement Key Note 9 for locations).

switches. (See abatement Key Note 14 for locations).

and general notes regarding selective work).

(complete) in corridor 200D. (See abatement Key Note 11 for locations).

wall openings. (See abatement Key Note 7 for Approximate location).

BASE BID Selective demolition and disposal of Casework and selective removal and disposal of linoleum GENERAL DEMO AND flooring with underlying asbestos containing 9"x9" floor tile and mastic beneath casework. (See

ASBESTOS ABATEMENT: abatement Key Note (3) for locations). Scope of work includes an additional 100 square feet of floor tile and mastic removal to allow for unit ventilator and pipe chase installation.

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT

locations).

AND DEMOLITION:

BASE BID ASBESTOS ABATEMENT: (See abatement Key Note 4) for location). Abatement contractor to install secure temporary

BASE BID

UNIVERSAL WASTE: BASE BID ASBESTOS ABATEMENT:

HAZARDOUS AND

floor tile and mastic (complete). (See abatement Key Note (5) for locations). Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" BASE BID

ASBESTOS ABATEMENT: floor tile and mastic abatement contractor to provide clean cut down to substrate to

BASE BID ASBESTOS ABATEMENT:

ALTERNATE # 1:

considered Subtitle D. (See abatement Key Note 17 for locations). Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Key Note A1 for location). - (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement. Do not damage plaster substrate when removing acoustical ceiling tile adhesive. Refer to General Notes for Damage details.

ALTERNATE # 2: Removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic (complete). (See abatement Key Note (A2) for locations)

ALTERNATE #3: All Base Bid Work is completed between December 18, 2020 thru January 17, 2021 ALTERNATE # 4: All Base Bid Work, Alternate #1 and Alternate #2 is completed between December 18, 2020 thru

ALTERNATE # 5: Base Bid Work includes, abatement contractor provides access to boiler units. As an alternate

any identified ACM in the boiler will be removed and disposed of by Abatement Contractor. All boiler components to be disposed by others.

TEM

ENVIRONMENTAL, INC.

174 North Brandon Drive Glendale Heights, IL 60139 (630) 790-0880 (630) 790-0881 FAX



WALDO MIDDLE SCHOOL 56 JACKSON STREET AURORA, IL 60505

SSUE/REVISION: DATE DESCRIPTION 10/22/20 ISSUED FOR BID

EAST AURORA SCHOOL DISTRICT #131 417 5TH STREET AURORA IL 60505

PROJECT:

WALDO MIDDLE SCHOOL ABATEMENT PLAN

DRAWING TITLE:

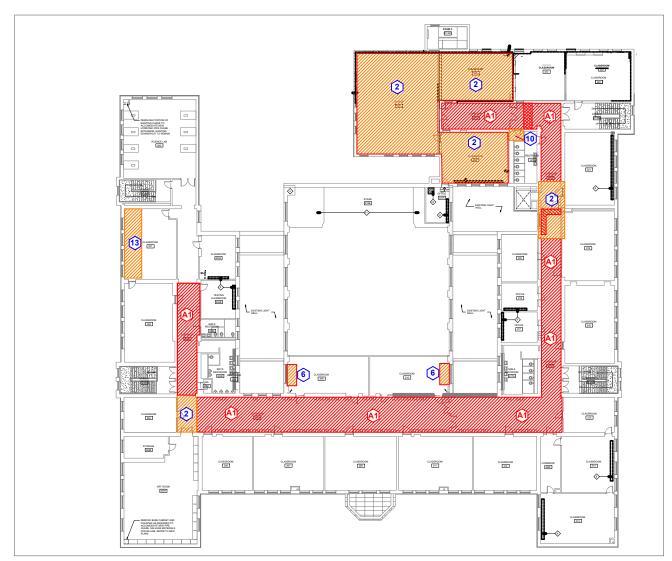
SECOND FLOOR ABATEMENT PLAN

DESIGNED BY: JAMES TUINENGA, CIH DRAWN BY: DRAKE OTTLEY CHECKED BY: STEVEN GENESER

PROJECT NO: 60889 ASB-02

2ND FLOOR ABATEMENT PLAN

ASB02



ABATEMENT KEY NOTES INDICATES REMOVAL OF 1X1 CEILING TILE, ADHESIVE, AND PLASTER CEILING (COMPLETE). 0 NDICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER TO 2 3 INDICATES SELECTIVE DEMOLITION AND REMOVAL OF CASEWORK AND UNDERLYING LINOLEUM AND FLOOR TILE. NDICATES REMOVAL OF WINDOW AND DOOR TRANSOM CAULK AND PANELS COMPLETE WITH BOARD UP. (4) (5) NDICATES EXTERIOR WINDOW REMOVAL AND WEATHER TIGHT BOARD 6 NDICATES VINYL FLOOR TILE REMOVAL AND UNDERLYING ASBESTOS CONTAINING FLOOR TILE AND MASTICS. 0 NDICATES REMOVAL AND DISPOSAL DRYWALL AND ASBESTOS CONTAINING DRYWALL JOINT COMPOUND. NDICATES REMOVAL AND DISPOSAL OF 2'X2' CEILING TILE AND GRID **(8)** YSTEM. SECURE AND SALVAGE ALL CEILING MOUNTED EQUIPMENT AN LECTRICAL COMPONENTS. NDICATES REMOVAL AND DISPOSAL TEXTURED PLASTER WALLS AND PEGBOARD PANELS COVERING PLASTER WALLS. NDICATES REMOVAL AND DISPOSAL OF HVAC WHITE DUCT SEALANT PRESENT ON TWO DUCTS AND EMBEDDED PIPE INSULATION IN PYROBAL NDICATES REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING PIPE NSULATION AND PROTECTIVE METAL SLEEVE NDICATES REMOVAL OF CASEWORK INSULATION LINER. CLEAN AND PROTECT HISTORIC CASEWORK AFTER REMOVAL OF LINER. NDICATES REMOVAL AND DISPOSAL OF CASEWORK PROTECTIVE NSULATION LINING, REMOVAL OF RADIATORS, AND CASEWORK (COMPLETE). NDICATES BOILER REFRACTORY/FIREBOX ACCESS IN COORDINATION WITH GC AND ENVIRONMENTAL CONSULTANT TO DETERMINE IF ANY NTERIOR COMPONENTS CONTAIN ASBESTOS NDICATES SELECTIVE REMOVAL AND SALVAGE OF CASEWORK AND SELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORING, PLYWOOL FLOOR TILE. AND MASTIC (COMPLETE). NDICATES SELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORIN LOOR TILE AND MASTIC. CONTRACTOR TO LEAVE CLEAN EDGE NDICATES CHIMNEY ACCESS IN COORDINATION WITH ENVIRONMENTAL CONSULTANT TO DETERMINE IF ANY INTERIOR COMPONENTS CONTAIN Ø (A1) DICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER TO [A2] MOVAL AND DISPOSAL OF LINOLEUM FLOORING, FLOOR TILE AND



3RD FLOOR ABATEMENT PLAN



GENERAL NOTES

BATEMENT CONTRACTOR RESPONSIBLE FOR VERIFYING CONDITIONS AND MATERIAL QUANTITIES PRIOR TO SUBMITTING PRICING PROPOSAL TO EAST AURORA SCHOOL ISTRICT # 131. NO PROJECT CHANGE ORDERS SHALL BE CONSIDERED FOR CONDITIONS OR QUANTITIES THAT COULD HAVE OR SHOULD HAVE BEEN IDENTIFIED PRIOR TO

BUILDING OWNER RESPONSIBLE FOR THE REMOVAL OF ROOM CONTENTS FROM AREAS OF WORK PRIOR TO ABATEMENT

ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL ENVIRONMENTAL WORK WITH ENVIRONMENTAL CONSULTANT AND BUILDING OWNER PRIOR TO

ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL SELECTIVE ABATEMENT WORK WITH GENERAL CONTRACTOR AND ENVIRONMENTAL CONSULTANT PRIOR TO

DAMAGES TO WALL/CEILING PAINTS, PLASTER AND DRYWALL WALLS AND CEILINGS, LIGHTING OR ELECTRICAL COMPONENTS, AND HISTORIC CASEWORK WILL UTOMATICALLY BE DEDUCTED FROM ABATEMENT CONTRACTOR. DUE TO SCHEDULE CONSTRAINTS ENVIRONMENT CONTRACTOR WILL NOT BE AFFORDED TIME TO FIX

DURING ALL PHASES OF ABATEMENT BOILER IS TO REMAIN IN OPERATION. ABATEMENT CONTRACTOR TO PROVIDE SUFFICIENT TEMPORARY HEAT TO ROOMS/ AREAS MPACTED BY ABATEMENT WORK WHERE HEATING IS AFFECTED AFTER ABATEMENT WORK.

ALL FLOOR TILES AND MASTIC REMOVAL TO BE COMPLETED BY MECHANICAL MEANS ONLY. NO SOLVENTS TO BE USED DURING REMOVAL

ABATEMENT CONTRACTOR RESPONSIBLE FOR THE SECURITY OF WORK AREAS DURING ALL ABATEMENT ACTIVITIES.

SOOT, ASH, AND BUILT UP DEBRIS HAS BEEN TCLP TESTED FOR EIGHT RCRA METALS, AND RESULTS ARE PENDING, FOR PRICING PURPOSES ASSUME ALL PACKAGED DEBR SENERATED FOR THIS PROJECT WILL BE DISPOSED AS NON-HAZARDOUS SPECIAL WASTE AT A SUBTITLE D FACILITY. ALL WASTE SHALL BE PROPERLY PACKAGED AND ABELED PER APPLICABLE EPA AND OSHA RECUIREMENTS.

ASBESTOS ABATEMENT SHALL BE CONSIDERED COMPLETE FOLLOWING VISUAL INSPECTION BY TEM ENVIRONMENTAL ONSITE ASBESTOS PROJECT MANAGER AND WHEN THE RESULTS OF FINAL CLEARANCE AIR SAMPLING CONFIRMS <70 ASBESTOS STRUCTURES PER MMF AS MEASURED BY TRANSMISSION ELECTRON MICROSCOPY.

SCOPE OF WORK

SCOPE OF WORK: Removal and disposal of asbestos containing materials per specification 02080 and 028215. Removal and disposal of Universal and Hazardous Waste Management 028613 and all applicable IDPH, IEPA, USEPA, and OSHA rules and regulations.

BASE BID

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive including demolition ASBESTOS ABATEMENT: of non - asbestos plaster ceiling. Plaster is only to be removed on areas directly above 1x1 ceiling tile. Black iron, perpendicular C channels, and all electrical components to remain, A smooth cut must be made on the plaster. The 1x1 ceiling tile does not run to the perimeter edge Ornamental plaster ceiling design to remain. (See abatement Key Note 1) for location). Abatement Contractor to salvage all electrical wires and components above plaster ceiling during demolition.

BASE BID

BASE BID

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

HAZARDOUS AND

UNIVERSAL WASTE:

BASE BID

BASE BID

BASE BID

BASE BID

BASE BID

ALTERNATE # 1:

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Key ASBESTOS ABATEMENT: Note (2) for location). (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove selective areas approximately 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement.

BASE BID Selective demolition and disposal of Casework and selective removal and disposal of linoleum GENERAL DEMO AND flooring with underlying asbestos containing 9"x9" floor tile and mastic beneath casework. (See ASBESTOS ABATEMENT: abatement Key Note (3) for locations). Scope of work includes an additional 100 square feet of floor tile and mastic removal to allow for unit ventilator and pipe chase installation. BASE BID

Removal and disposal of aspestos containing window caulk and spandrel panel (complete). ASBESTOS ABATEMENT: (See abatement Key Note 4) for location). Abatement contractor to install secure temporary safety board up, does not have to weather tight.

> Exterior removal and disposal of asbestos containing window caulk and spandrel panel (complete). (See abatement Key Note 5 for location). Abatement contractor to install sufficient weather tight safety board up to ensure building can be secured for four (4) months

> Selective removal and disposal of vinyl floor tile and underlying asbestos containing 9'x9' floor tile and mastics (complete). (See abatement Key Note 6 for location and general notes regarding selective work).

> Selective removal and disposal of approximately 30 SF of asbestos containing drywall joint compound. Abatement Contractor to coordinate with General Contractor for exact location and wall openings. (See abatement Key Note 7) for Approximate location).

Removal and disposal of asbestos containing 2'x2' ceiling tile and ceiling tile grid system. Secure and salvage all existing ceiling mounted equipment including but not limited to projector ASBESTOS ABATEMENT: mounts, wireless access points, exit signs, light fixtures, etc. (See abatement Key Note 8 for

Removal and disposal of asbestos containing textured plaster walls in band room 401 ASBESTOS ABATEMENT Abatement contractor shall remove pegboard panels, and chalkboards covering plaster on AND DEMOLITION: North, East, and West walls. Lower South wall is exposed, Upper South wall has Approximately 300 square feet of non ACM spray on from 8 feet to ceiling covering ACM Plaster which requires removal. Wooden storage Cabinet, Drinking fountain, exit signage, electrical items, and two (2) instrument storage lockers to be removed by abatement contractor and salvaged for

reinstallation by general contractor. PVC Piping to remain intact. (See abatement Key Note 9 for locations).

Removal of asbestos containing HVAC thin white duct sealant present on two ducts and pipe BASE BID ASBESTOS ABATEMENT: insulation embedded in pyrobar block behind ducts. (See abatement Key Note 10 for

locations). BASE BID Removal and disposal of asbestos containing pipe insulation in metal sleeve floor to ceiling ASBESTOS ABATEMENT: (complete) in corridor 200D. (See abatement Key Note 11 for locations). BASE BID

Removal of asbestos containing lining inside casework. Abatement contractor to coordinate with Mechanical Contractor for removal of radiators and General contractor for extent of work. Abatement Contractor shall clean and protect all historical casework, take care to protect LRC casework during all renovation activities (See abatement Key Note 12 for locations). Removal and disposal of asbestos containing casework protective insulation lining by radiator.

Abatement contractor to remove radiators and casework (complete). Abatement Contractor to coordinate with General Contractor for extent of work. (See abatement Key Note 13 for

Abatement Contractor to provide access for interior material sampling of boiler refractory to determine the presence of asbestos containing materials. Removal and disposal of all mercury switches. (See abatement Key Note 14 for locations).

Casework to be removed by general trade under supervision of environmental contractor. Any disturbance to flooring, casework removal shall cease and becomes an environmental project. Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic (complete). (See abatement Key Note [15] for locations).

Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic abatement contractor to provide clean cut down to substrate to accommodate dimensions of new unit ventilator. (See abatement Key Note 16 for locations and general notes regarding selective work).

Abatement Contractor to provide access for interior material sampling of chimney chase to ASBESTOS ABATEMENT: determine the presence of asbestos containing materials. Environmental contractor to remove and dispose of all built-up soot, ash, and debris from interior of chimney stack following single clean with encapsulation of interior chimney surfaces. All generated waste to be packaged in a negative pressure enclosure followed by lead clearance wipes. All waste generated is to be considered Subtitle D. (See abatement Key Note 17 for locations).

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Key Note A) for location). - (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement. Do not damage plaster substrate when removing acoustical ceiling tile adhesive. Refer to General Notes for Damage details.

ALTERNATE # 2: Removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic (complete). (See abatement Key Note A2 for locations).

ALTERNATE # 3 All Base Bid Work is completed between December 18, 2020 thru January 17, 2021 ALTERNATE # 4: All Base Bid Work, Alternate #1 and Alternate #2 is completed between December 18, 2020 thru

January 17, 2021. ALTERNATE # 5: Base Bid Work includes, abatement contractor provides access to boiler units. As an alternate

any identified ACM in the boiler will be removed and disposed of by Abatement Contractor. All boiler components to be disposed by others

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ENVIRONMENTAL, INC

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WALDO MIDDLE SCHOOL 56 JACKSON STREET AURORA, IL 60505

ISSUE/REVISION: DATE DESCRIPTION 10/22/20 ISSUED FOR BID

EAST AURORA SCHOOL DISTRICT #131 417 5TH STREET AURORA IL

PROJECT:

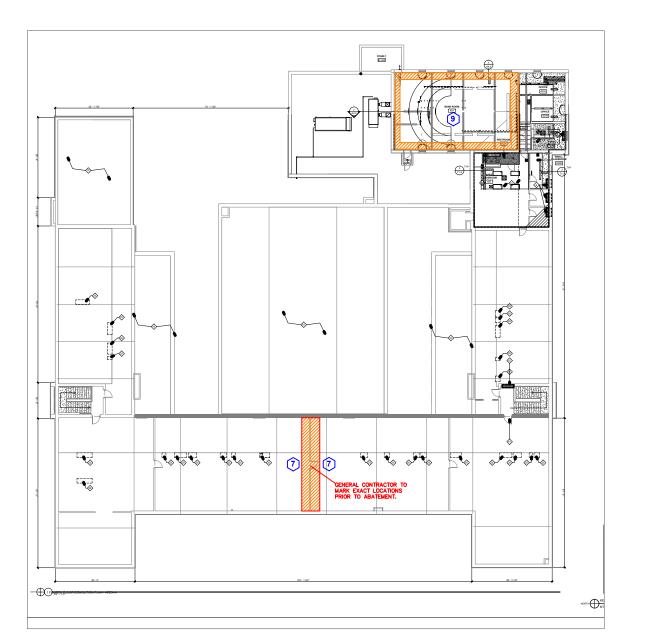
WALDO MIDDLE SCHOOL ABATEMENT PLAN

DRAWING TITLE: THIRD FLOOR ABATEMENT PLAN

DESIGNED BY: JAMES TUINENGA, CIH DRAWN BY: DRAKE OTTLEY

CHECKED BY: STEVEN GENESER

ASB-03



4TH FLOOR ABATEMENT PLAN

SCOPE OF WORK

SCOPE OF WORK: Removal and disposal of asbestos containing materials per specification 02080 and 028215. Removal and disposal of Universal and Hazardous Waste Management 028613 and all applicable IDPH, IEPA, USEPA, and OSHA rules and regulations.

⊗	ABATEMENT KEY NOTES
0	INDICATES REMOVAL OF 1X1 CEILING TILE, ADHESIVE, AND PLASTER CEILING (COMPLETE).
2	INDICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER TO REMAIN).
3	INDICATES SELECTIVE DEMOLITION AND REMOVAL OF CASEWORK AND UNDERLYING LINOLEUM AND FLOOR TILE.
(4)	INDICATES REMOVAL OF WINDOW AND DOOR TRANSOM CAULK AND PANELS COMPLETE WITH BOARD UP.
5	INDICATES EXTERIOR WINDOW REMOVAL AND WEATHER TIGHT BOARD UP.
6	INDICATES VINYL FLOOR TILE REMOVAL AND UNDERLYING ASBESTOS CONTAINING FLOOR TILE AND MASTICS.
<u>Ø</u>	INDICATES REMOVAL AND DISPOSAL DRYWALL AND ASBESTOS CONTAINING DRYWALL JOINT COMPOUND.
(8)	INDICATES REMOVAL AND DISPOSAL OF 2'X2' CEILING TILE AND GRID SYSTEM. SECURE AND SALVAGE ALL CEILING MOUNTED EQUIPMENT AN ELECTRICAL COMPONENTS.
9	INDICATES REMOVAL AND DISPOSAL TEXTURED PLASTER WALLS AND PEGBOARD PANELS COVERING PLASTER WALLS.
<u>Ø</u>	INDICATES REMOVAL AND DISPOSAL OF HVAC WHITE DUCT SEALANT PRESENT ON TWO DUCTS AND EMBEDDED PIPE INSULATION IN PYROBAI
0	INDICATES REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING PIPE INSULATION AND PROTECTIVE METAL SLEEVE.
12	INDICATES REMOVAL OF CASEWORK INSULATION LINER. CLEAN AND PROTECT HISTORIC CASEWORK AFTER REMOVAL OF LINER.
(3)	INDICATES REMOVAL AND DISPOSAL OF CASEWORK PROTECTIVE INSULATION LINING, REMOVAL OF RADIATORS, AND CASEWORK (COMPLETE).
14	INDICATES BOILER REFRACTORV/FIREBOX ACCESS IN COORDINATION WITH GC AND ENVIRONMENTAL CONSULTANT TO DETERMINE IF ANY INTERIOR COMPONENTS CONTAIN ASBESTOS.
15	INDICATES SELECTIVE REMOVAL AND SALVAGE OF CASEWORK AND SELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORING, PLYWOO FLOOR TILE, AND MASTIC (COMPLETE).
16	INDICATES SELECTIVE REMOVAL AND DISPOSAL OF LINOLEUM FLOORING FLOOR TILE AND MASTIC. CONTRACTOR TO LEAVE CLEAN EDGE.
<u>Ø</u>	INDICATES CHIMNEY ACCESS IN COORDINATION WITH ENVIRONMENTAL CONSULTANT TO DETERMINE IF ANY INTERIOR COMPONENTS CONTAIN ASBESTOS.
	INDICATES REMOVAL OF 1X1 CEILING TILE AND ADHESIVE - (PLASTER TO REMAIN).
(A2)	REMOVAL AND DISPOSAL OF LINOLEUM FLOORING, FLOOR TILE AND

GENERAL NOTES

ABATEMENT CONTRACTOR RESPONSIBLE FOR VERIFYING CONDITIONS AND MATERIAL QUANTITIES PRIOR TO SUBMITTING PRICING PROPOSAL TO EAST AURORA SCHOOL DISTRICT # 131. NO PROJECT CHANGE ORDERS SHALL BE CONSIDERED FOR CONDITIONS OR QUANTITIES THAT COULD HAVE OR SHOULD HAVE BEEN IDENTIFIED PRIOR TO

ABATEMENT CONTRACTOR RESPONSIBLE FOR THE SECURITY OF WORK AREAS DURING ALL ABATEMENT ACTIVITIES.

LABELED PER APPLICABLE EPA AND OSHA REQUIREMENTS.

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive including demolition ASBESTOS ABATEMENT: of non - asbestos plaster ceiling. Plaster is only to be removed on areas directly above 1x1 ceiling tile. Black iron, perpendicular C channels, and all electrical components to remain. A smooth cut must be made on the plaster. The 1x1 ceiling tile does not run to the perimeter edge Ornamental plaster ceiling design to remain. (See abatement Key Note 1) for location). Abatement Contractor to salvage all electrical wires and components above plaster ceiling

BASE BID

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

BASE BID GENERAL DEMO AND

BASE BID

ALTERNATE # 1:

ALTERNATE # 5:

HAZARDOUS AND UNIVERSAL WASTE:

ASBESTOS ABATEMENT:

ASBESTOS ABATEMENT:

locations).

during demolition

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Key ASBESTOS ABATEMENT: Note 2 for location). - (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove selective areas approximately 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement.

Selective demolition and disposal of Casework and selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic beneath casework. (See abatement Key Note 3 for locations). Scope of work includes an additional 100 square feet of ASBESTOS ABATEMENT: floor tile and mastic removal to allow for unit ventilator and pipe chase installation.

Removal and disposal of asbestos containing window caulk and spandrel panel (complete). (See abatement Key Note 4) for location). Abatement contractor to install secure temporary safety board up, does not have to weather tight.

Exterior removal and disposal of asbestos containing window caulk and spandrel panel (complete). (See abatement Key Note 5 for location). Abatement contractor to install sufficient weather tight safety board up to ensure building can be secured for four (4) months.

Selective removal and disposal of vinyl floor tile and underlying asbestos containing 9'x9' floor tile and mastics (complete). (See abatement Key Note 6 for location and general notes regarding selective work).

Selective removal and disposal of approximately 30 SF of asbestos containing drywall joint ASBESTOS ABATEMENT: compound. Abatement Contractor to coordinate with General Contractor for exact location and wall openings. (See abatement Key Note 7 for Approximate location)

Removal and disposal of asbestos containing 2'x2' ceiling tile and ceiling tile grid system. ASBESTOS ABATEMENT: Secure and salvage all existing ceiling mounted equipment including but not limited to projector mounts, wireless access points, exit signs, light fixtures, etc. (See abatement Key Note 8) for

Removal and disposal of asbestos containing textured plaster walls in band room 401. ASBESTOS ABATEMENT
AND DEMOLITION:
Abatement contractor shall remove pegboard panels, and chalkboards covering plaster on
North, East, and West walls. Lower South wall is exposed, Upper South wall has Approximately 300 square feet of non ACM spray on from 8 feet to ceiling covering ACM Plaster which requires removal. Wooden storage Cabinet, Drinking fountain, exit signage, electrical items, and two (2) instrument storage lockers to be removed by abatement contractor and salvaged for reinstallation by general contractor. PVC Piping to remain intact. (See abatement Key Note (9) for locations).

BASE BID Removal of asbestos containing HVAC thin white duct sealant present on two ducts and pipe ASBESTOS ABATEMENT: insulation embedded in pyrobar block behind ducts. (See abatement Key Note 10 for

BASE BID Removal and disposal of asbestos containing pipe insulation in metal sleeve floor to ceiling ASBESTOS ABATEMENT: (complete) in corridor 200D. (See abatement Key Note 11 for locations). BASE BID Removal of asbestos containing lining inside casework. Abatement contractor to coordinate ASBESTOS ABATEMENT: with Mechanical Contractor for removal of radiators and General contractor for extent of work.

> Abatement Contractor shall clean and protect all historical casework, take care to protect LRC casework during all renovation activities (See abatement Key Note (12) for locations). Removal and disposal of asbestos containing casework protective insulation lining by radiator. Abatement contractor to remove radiators and casework (complete). Abatement Contractor to coordinate with General Contractor for extent of work. (See abatement Key Note 13 for

Abatement Contractor to provide access for interior material sampling of boiler refractory to ASBESTOS ABATEMENT determine the presence of asbestos containing materials. Removal and disposal of all mercury switches. (See abatement Key Note of for locations).

Casework to be removed by general trade under supervision of environmental contractor. Any ASBESTOS ABATEMENT: disturbance to flooring, casework removal shall cease and becomes an environmental project. Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic (complete). (See abatement Key Note 15 for locations).

Selective removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic abatement contractor to provide clean cut down to substrate to accommodate dimensions of new unit ventilator. (See abatement Key Note 16 for locations and general notes regarding selective work).

Abatement Contractor to provide access for interior material sampling of chimney chase to determine the presence of asbestos containing materials. Environmental contractor to remove and dispose of all built-up soot, ash, and debris from interior of chimney stack following single clean with encapsulation of interior chimney surfaces. All generated waste to be packaged in a negative pressure enclosure followed by lead clearance wipes. All waste generated is to be considered Subtitle D. (See abatement Key Note 17 for locations).

Removal and disposal of asbestos containing 1x1 ceiling tile and adhesive. (See abatement Key Note A1 for location). - (Plaster to remain). Existing Hallway soffit is obstructing access to 1x1 ceiling tiles. Contractor to remove 1-2 feet of soffit face (base to remain) in order to abate 1x1 ceiling tiles. Soffit interior to be protected by 6mil Poly sheeting prior to start of abatement. Do not damage plaster substrate when removing acoustical ceiling tile adhesive. Refer to General Notes for Damage details.

ALTERNATE # 2: Removal and disposal of linoleum flooring with underlying asbestos containing 9"x9" floor tile and mastic (complete). (See abatement Key Note (A2) for locations).

ALTERNATE # 3: All Base Bid Work is completed between December 18, 2020 thru January 17, 2021. ALTERNATE # 4: All Base Bid Work, Alternate #1 and Alternate #2 is completed between December 18, 2020 thru

> Base Bid Work includes, abatement contractor provides access to boiler units. As an alternate any identified ACM in the boiler will be removed and disposed of by Abatement Contractor. All boiler components to be disposed by others

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ENVIRONMENTAL, INC

174 North Brandon Drive Glendale Heights, IL 60139 (630) 790-0880 (630) 790-0881 FAX



WALDO MIDDLE SCHOOL 56 JACKSON STREET AURORA, IL 60505

SSUE/REVISION: DATE DESCRIPTION

> **EAST AURORA SCHOOL** DISTRICT #131 417 5TH STREET AURORA IL 60505

PROJECT:

WALDO MIDDLE SCHOOL ABATEMENT PLAN

DRAWING TITLE: FOURTH FLOOR ABATEMENT PLAN

DESIGNED BY: JAMES TUINENGA, CIH DRAWN BY: DRAKE OTTLEY

CHECKED BY: STEVEN GENESER PROJECT NO: 60889

ASB-04

ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL ENVIRONMENTAL WORK WITH ENVIRONMENTAL CONSULTANT AND BUILDING OWNER PRIOR TO

ABATEMENT CONTRACTOR RESPONSIBLE TO COORDINATE ALL SELECTIVE ABATEMENT WORK WITH GENERAL CONTRACTOR AND ENVIRONMENTAL CONSULTANT PRIOR TO START OF ABATEMENT.

DAMAGES TO WALL/CEILING PAINTS, PLASTER AND DRYWALL WALLS AND CEILINGS, LIGHTING OR ELECTRICAL COMPONENTS, AND HISTORIC CASEWORK WILL AUTOMATICALLY BE DEDUCTED FROM ABATEMENT CONTRACTOR. DUE TO SCHEDULE CONSTRAINTS ENVIRONMENT CONTRACTOR WILL NOT BE AFFORDED TIME TO FIX DAMAGES.

DURING ALL PHASES OF ABATEMENT BY LIER IS TO REMAIN IN OPERATION. ABATEMENT CONTRACTOR TO PROVIDE SUFFICIENT TEMPORARY HEAT TO ROOMS/ AREAS IMPACTED BY ABATEMENT WORK.

ALL FLOOR TILES AND MASTIC REMOVAL TO BE COMPLETED BY MECHANICAL MEANS ONLY. NO SOLVENTS TO BE USED DURING REMOVAL

SOOT, ASH, AND BUILT UP DEBRIS HAS BEEN TCLP TESTED FOR EIGHT RCRA METALS, AND RESULTS ARE PENDING. FOR PRICING PURPOSES ASSUME ALL PACKAGED DEBRI GENERATED FOR THIS PROJECT WILL BE DISPOSED AS NON-HAZARDOUS SPECIAL WASTE AT A SUBTITLE D FACILITY. ALL WASTE SHALL BE PROPERLY PACKAGED AND

BESTOS ABATEMENT SHALL BE CONSIDERED COMPLETE FOLLOWING VISUAL INSPECTION BY TEM ENVIRONMENTAL ONSITE ASBESTOS PROJECT MANAGER AND WHEN E RESULTS OF FINAL CLEARANCE AIR SAMPLING CONFIRMS <70 ASBESTOS STRUCTURES PER MM² AS MEASURED BY TRANSMISSION ELECTRON MICROSCOPY.