

PROJECT:

Silver Lea Elementary School
Asbestos Abatement Project 2020

ISSUED BY: Jeff Heeren

PBS Engineering and Environmental Inc.
2645 Willamette Street, Suite A
Eugene, OR 97405
(541) 686-8684

DATE: January 6, 2020

PBS Project No.: 52504.000
Lane County School Dist. 4J CIP No.: 460.640.001

Acknowledge receipt of this addendum by inserting its number and date on the Bid Form. The contents of this addendum are to be covered in the bids and in closing the Contract will become a part thereof. Changes noted herein affect only the specific words in paragraphs mentioned and the balance of the Specifications remains in full force.

1.0 Abatement Drawings:

Delete: Drawings HM1-HM2 provided in the Project Manual

Add Drawings HM1-HM2 attached to this addendum

END OF ADDENDUM NO. 1

GENERAL NOTES

- THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
- CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER'S CM/GC INCLUDING BUT NOT LIMITED TO SCHEDULING, ACCESS, SECURITY, STAGING, PROTECT AND SAVE ITEMS, SALVAGE, LOCKOUT/TAGOUT, AND DEMOLITION ACTIVITIES.
- ALL CONTRACTORS AND SUB-CONTRACTORS PERFORMING ABATEMENT AND DEMOLITION TASKS ON PAINTED SURFACES SHALL COMPLY WITH ALL APPLICABLE LEAD PAINT REGULATIONS IN OAR 437-DIVISION 3, 1926.62 LEAD IN CONSTRUCTION STANDARD.
- CLEANUP AND DISPOSAL OF ALL GENERAL WASTE GENERATED AS A RESULT OF DEMOLITION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL VERIFY WITH THE OWNER'S CM/GC, SPECIFIC ITEMS TO BE SAVED AND PROTECTED PRIOR TO THE START OF ABATEMENT AND DEMOLITION WORK.
- PROTECT ALL SYSTEMS OUTSIDE THE SCOPE OF WORK OF THIS PROJECT FROM DAMAGE AS A RESULT OF WORK INCLUDED IN THIS PROJECT, AND PROTECT ALL ITEMS SPECIFICALLY INDICATED IN THESE SPECIFICATIONS.
- COORDINATE DISCONNECTION AND DE-ENERGIZING OF ALL OPERATIONAL COMPONENTS WITH OWNER'S CM/GC PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

ABATEMENT NOTES (THIS SHEET)

- REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWINGS DO NOT SHOW ALL ASBESTOS-CONTAINING MATERIALS TO BE REMOVED. REFER TO THE ABATEMENT NOTES AND SUMMARY OF WORK SECTION 01 11 00 FOR ADDITIONAL DETAILS AND TASKS INCLUDED IN THE PROJECT SCOPE OF WORK.
- CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION OF BUILDING FINISHES, CASEWORK, BUILT-IN FIXTURES, HVAC EQUIPMENT, AND FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL GYPSUM BOARD FINISHES INDICATED IN THE ABATEMENT DRAWINGS. GYPSUM BOARD FINISHES ARE CONCEALED BEHIND OTHER WALL COVERINGS, WAINSCOT, TRIM, WOOD PANELING, HARDBOARD, CEILING TILES/WALL TILES, FRP, PEGBOARD, CHALKBOARDS, WHITEBOARDS, ETC. ALL COVERING MATERIALS WITH VISIBLE JOINT COMPOUND, GYPSUM DUST, SKIM COAT, OR TEXTURE MATERIAL ATTACHED SHALL BE DISPOSED OF AS CONTAMINATED WASTE. CONTRACTOR SHALL REMOVE ALL FASTENERS AND OTHER APPURTENANCES ASSOCIATED WITH GYPSUM BOARD FINISHES TO BE REMOVED. NOTE: MORE THAN ONE LAYER OF GYPSUM BOARD IS PRESENT IN SOME LOCATIONS.
- CONCEALED MASTICS BEHIND WHITEBOARDS, CHALKBOARDS, MIRRORS, AND OTHER WALL-MOUNTED OBJECTS ARE ASSUMED TO CONTAIN ASBESTOS UNLESS INDICATED OTHERWISE, AND SHALL BE HANDLED AND REMOVED ACCORDINGLY.
- THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE BUILDING. AREAS WITH VERIFIED ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION ARE INDICATED ON THE DRAWING. ADDITIONAL INSULATION IS ASSUMED TO BE PRESENT IN CONCEALED PIPE CHASES (ABOVE CEILINGS, BELOW FLOORS, BEHIND CASEWORK, INSIDE WALL CAVITIES). CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION OF BUILDING FINISHES AT ALL PLUMBING AND HEATING SYSTEM FIXTURES TO ACCESS CONCEALED PIPE RUNS.
- ASBESTOS INSULATED SUB-SLAB STEAM SUPPLY AND CONDENSATE RETURN PIPING IS CONTAINED WITHIN CEMENT TILE AND CEMENT ASBESTOS SLEEVES UNLESS OTHERWISE NOTED. CONTRACTOR SHALL DEMOLISH CONCRETE SLAB AND OVERLYING FLOORING MATERIALS AS NECESSARY TO ACCESS THESE PIPES.
- PIPE TRENCH LOCATIONS DEPICTED ON THIS DRAWING ARE FOR GENERAL INFORMATION AND ARE NOT INTENDED TO REPRESENT INDIVIDUAL PIPE RUNS. LOCATIONS ARE TO BE CONSIDERED ESTIMATES ONLY, AND ARE BASED ON LIMITED FIELD OBSERVATIONS AND HISTORIC BUILDING PLANS.
- REMOVE AND DISPOSE OF ALL ASPHALTIC SEALANTS APPLIED AT ROOF PENETRATIONS AND PATCHES THROUGHOUT THE SITE BUILDINGS, EXCLUDING PORTABLE CLASSROOM STRUCTURES. THIS MATERIAL IS NOT SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
- ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
- CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.
- FIELD VERIFY ALL FLUORESCENT LIGHT FIXTURE BALLASTS AND REMOVE AND PROPERLY DISPOSE OF ALL BALLASTS THAT ARE NOT SPECIFICALLY LABELED AS NON-PCB. REMOVE AND PROPERLY RECYCLE ALL MERCURY VAPOR FLUORESCENT LIGHT TUBES. REMOVE AND PROPERLY DISPOSE OF ALL MERCURY-CONTAINING SWITCHES.

KEY NOTES (CONTINUED)

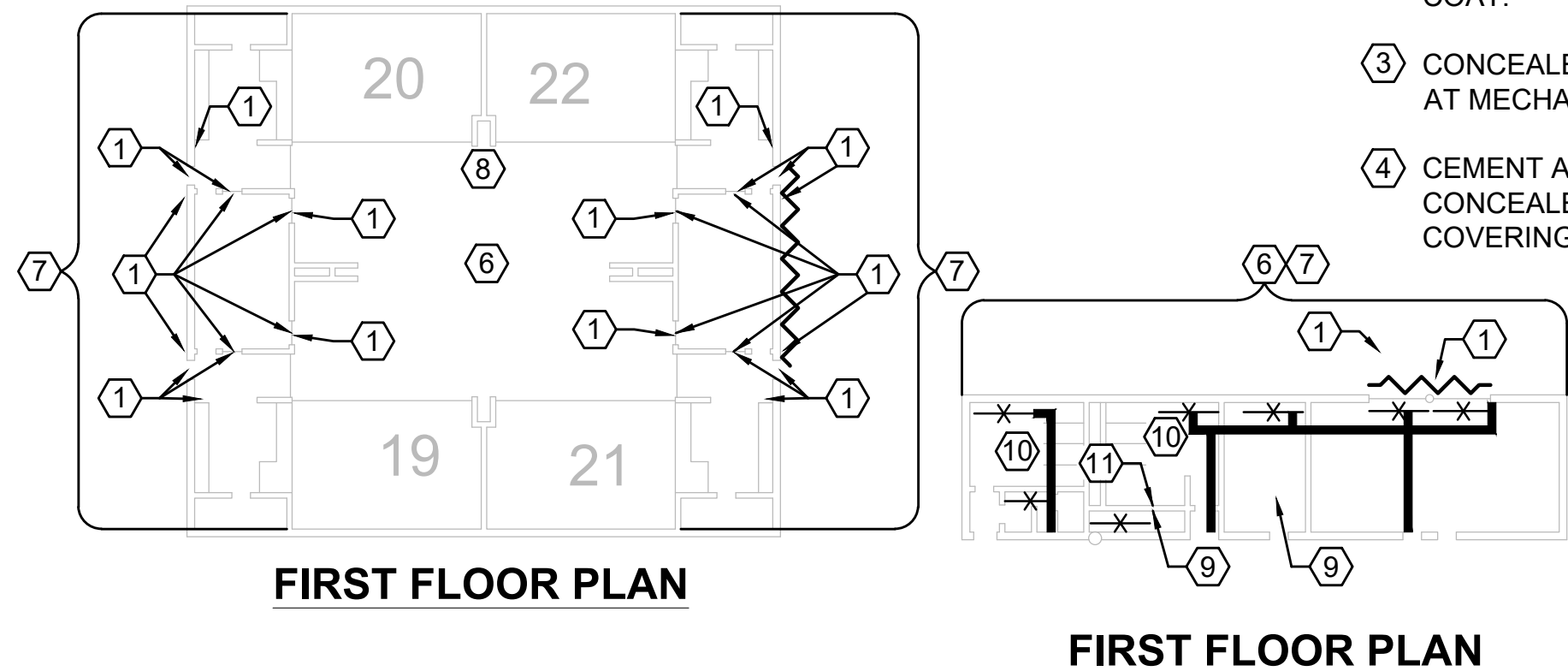
- ASBESTOS-CONTAINING SKIM COAT, JOINT COMPOUND, AND TEXTURE ON GYPSUM BOARD WALL, CEILING, AND SOFFIT SYSTEMS. GYPSUM BOARD IS CONCEALED BEHIND HARDBOARD, PLASTIC LAMINATE WOOD BOARD, AND CEILING/WALL TILES THROUGHOUT. MASTICS ASSOCIATED WITH CHALKBOARDS, CORK BOARDS, HARD BOARDS, AND PLASTIC LAMINATES ARE ASSUMED TO CONTAIN ASBESTOS. MULTIPLE LAYERS OF GYPSUM BOARD ARE PRESENT IN SOME LOCATIONS.
- GYPSUM BOARD WALL, CEILING, AND SOFFIT SYSTEMS THROUGHOUT THIS BUILDING WITH ASBESTOS-CONTAINING JOINT COMPOUND AND ORANGE PEEL TEXTURE. GYPSUM BOARD WALLS ARE CONCEALED BEHIND WAINSCOT AND CORK BOARD WALL COVERINGS IN CLASSROOM AREAS. TEXTURE OVERSPRAY IS PRESENT ABOVE CEILINGS AND BEHIND WALLS.
- ASBESTOS-CONTAINING PIPE FITTING INSULATION PRESENT ABOVE HARD LID CEILINGS AND WITHIN WALL CAVITIES.
- ASBESTOS-CONTAINING PIPE FITTING INSULATION IN PENTHOUSE MECHANICAL SPACE.
- GYPSUM BOARD WALL, CEILING, AND SOFFIT SYSTEMS WITH ASBESTOS-CONTAINING JOINT COMPOUND AND ORANGE PEEL TEXTURE. TEXTURE OVERSPRAY IS PRESENT ABOVE CEILINGS AND BEHIND WALLS.
- ASBESTOS-CONTAINING SHEET VINYL OVER GYPSUM BOARD WITH ASBESTOS-CONTAINING JOINT COMPOUND THROUGHOUT RESTROOMS.
- ASBESTOS-CONTAINING CERAMIC TILE MASTIC AT URINALS.

LEGEND

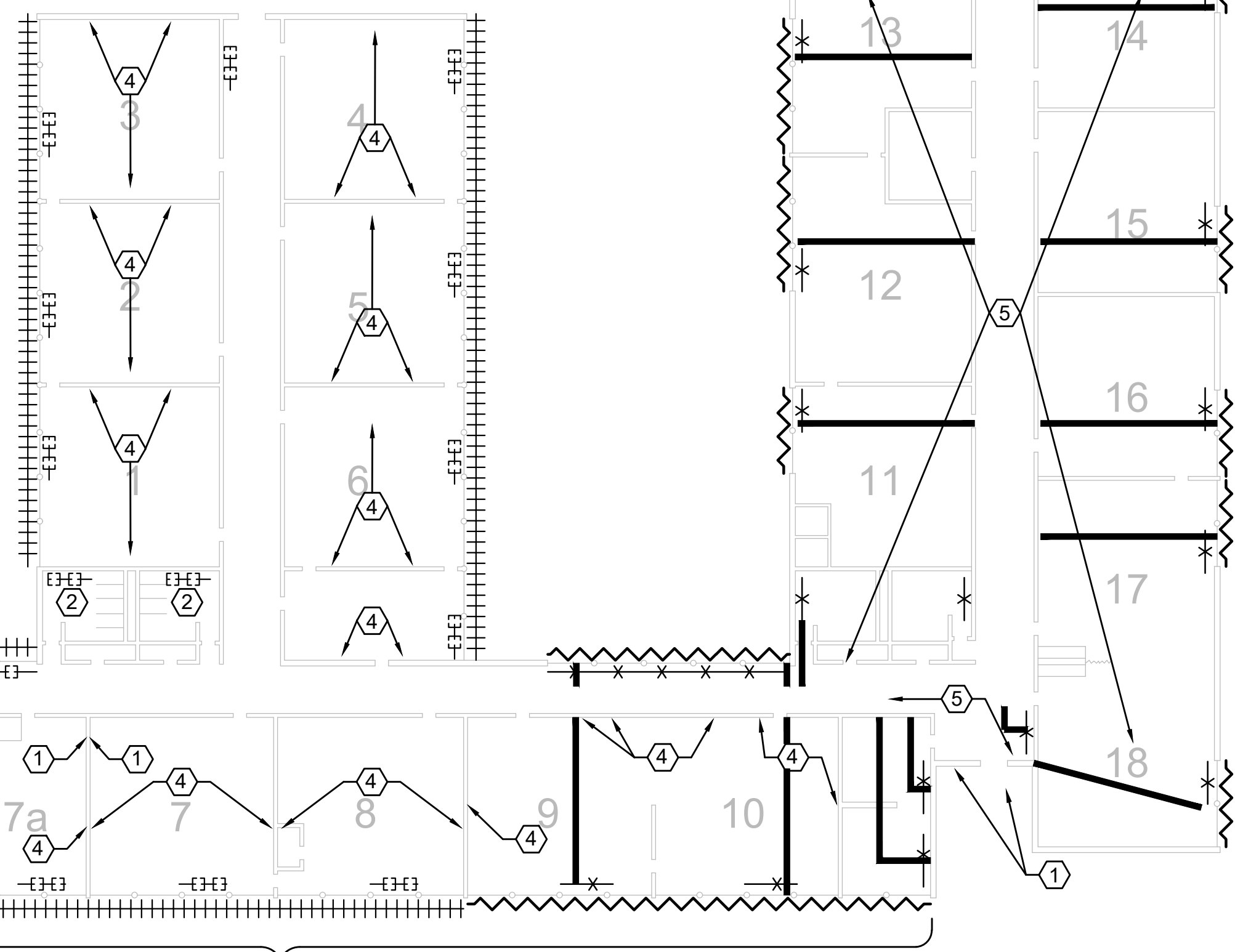
- GYPSUM BOARD WALL, CEILING, AND SOFFIT SYSTEMS WITH ASBESTOS-CONTAINING TEXTURE, JOINT COMPOUND AND RESIDUAL SURFACING MATERIAL THROUGHOUT PORTABLE #2 (73-14). GYPSUM BOARD IS CONCEALED BEHIND OTHER FINISHES (PANELING, FIBER BOARD, CEILING TILES) IN SOME LOCATIONS. MULTIPLE LAYERS OF GYPSUM BOARD ARE PRESENT AND TEXTURE OVERSPRAY IS PRESENT ABOVE CEILINGS AND BEHIND UPPER WALLS.
- CEMENT ASBESTOS PIPE CONDUIT LOCATED BENEATH CONCRETE SLAB
- WINDOW WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT
- ASBESTOS-CONTAINING WINDOW GLAZING COMPOUND
- UNIT VENTILATOR, RADIATOR, OR CONVECTOR UNIT. ASBESTOS-CONTAINING PACKING MATERIALS MAY BE PRESENT AT PIPE PENETRATIONS
- UNIT VENTILATOR, RADIATOR, OR CONVECTOR, OR RADIANT BASE BOARD. ASBESTOS-CONTAINING PACKING MATERIALS AND CEMENT ASBESTOS CONDUIT MAY BE PRESENT AT PIPE PENETRATIONS
- ASSUMED ASBESTOS-CONTAINING FIRE DOOR

KEY NOTES

- CEMENT ASBESTOS PANELS ABOVE/BELOW WINDOWS; DOOR TRANSOM. ALL ASSOCIATED MASTICS ASSUMED TO CONTAIN ASBESTOS.
- HARDBOARD WALL PANELS WITH ASBESTOS-CONTAINING SKIM COAT.
- CONCEALED PRESUMED ASBESTOS-CONTAINING FLANGE GASKETS AT MECHANICAL CONNECTIONS.
- CEMENT ASBESTOS CHALKBOARD AND MASTIC. MAY BE CONCEALED BEHIND WHITEBOARDS, BULLETIN BOARDS, OR OTHER COVERINGS.



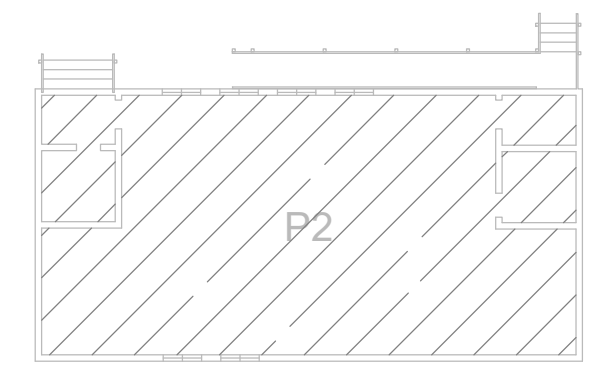
FIRST FLOOR PLAN



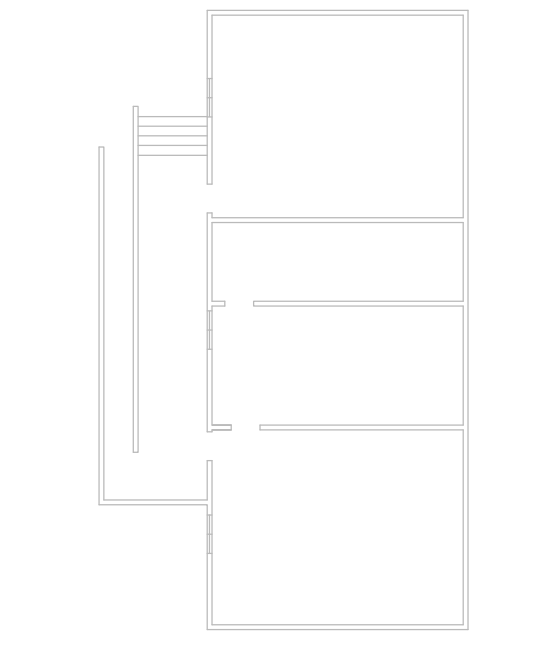
FIRST FLOOR PLAN - MAIN BUILDING



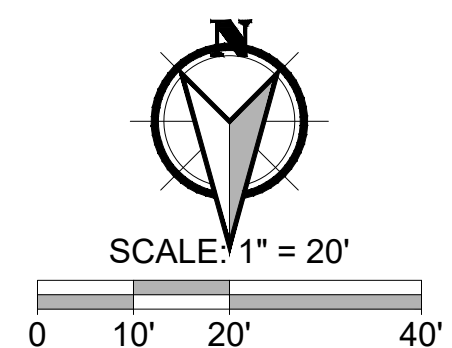
FIRST FLOOR PLAN - PORTABLE 1 (85626) BUILDING



FIRST FLOOR PLAN - PORTABLE 2 (73-14) BUILDING



FIRST FLOOR PLAN - PORTABLE (91902)



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FULL SIZE SHEET FORMAT IS 24X36; IF PRINTED SIZE IS NOT 24X36, THEN THIS SHEET FORMAT HAS BEEN MODIFIED & INDICATED DRAWING SCALE IS NOT ACCURATE.



HAZARDOUS MATERIAL ABATEMENT PLAN
SILVER LEA ELEMENTARY
 EUGENE, OREGON

NO	REVISION	DATE	BY	APP'D
1		1/6/20	JB	JH

DRAWN BY	JAB
CHECKED:	JH
DATE:	NOVEMBER 2019
PROJECT NUMBER:	52504.000_0002
SHEET DRAWING NO:	HM1
SHEET	1 OF 2

PREPARED FOR: LANE COUNTY SCHOOL DISTRICT 4J

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ABATEMENT NOTES (THIS SHEET)

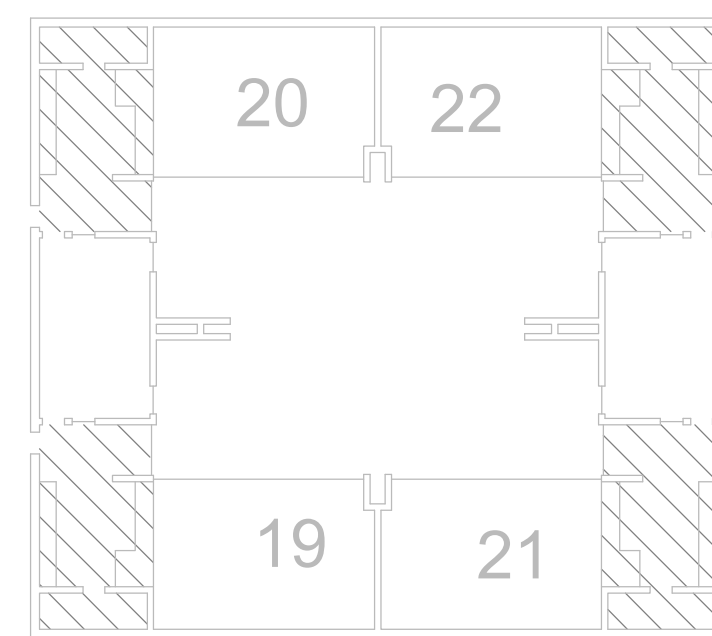
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- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC ARE ASSUMED TO BE PRESENT UNDER NON-ORIGINAL INTERIOR DEMISING WALLS, CASEWORK, HEATING UNITS, AND OTHER FIXTURES. CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION TO VERIFY THE ABSENCE OR PRESENCE OF CONCEALED FLOOR TILE AND MASTIC, AND REMOVE ALL CONCEALED MATERIALS ENCOUNTERED.
- FLOORING SUBSTRATES ARE CONCRETE UNLESS NOTED OTHERWISE.
- REMOVE AND DISPOSE OF ALL COVEBASE IN FLOORING ABATEMENT AREAS. THE COVEBASE AND MASTIC ARE NOT ASBESTOS-CONTAINING.
- REMNANT ASBESTOS-CONTAINING FLOOR TILE AND MASTIC ARE ASSUMED TO BE PRESENT IN PREVIOUSLY ABATED AREAS UNDER CASEWORK AND OTHER FIXTURES. CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION TO VERIFY THE ABSENCE OR PRESENCE OF CONCEALED FLOOR TILE AND MASTIC THROUGHOUT THE SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
- CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.

KEY NOTES (THIS SHEET)

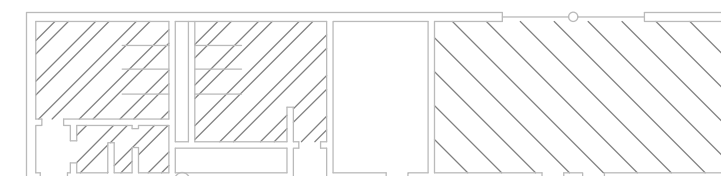
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC ASSUMED TO BE PRESENT UNDER ADDED WALLS.
- MULTIPLE LAYERS OF CARPET PRESENT.
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED UNDER NON-ASBESTOS SHEET FLOORING.

LEGEND

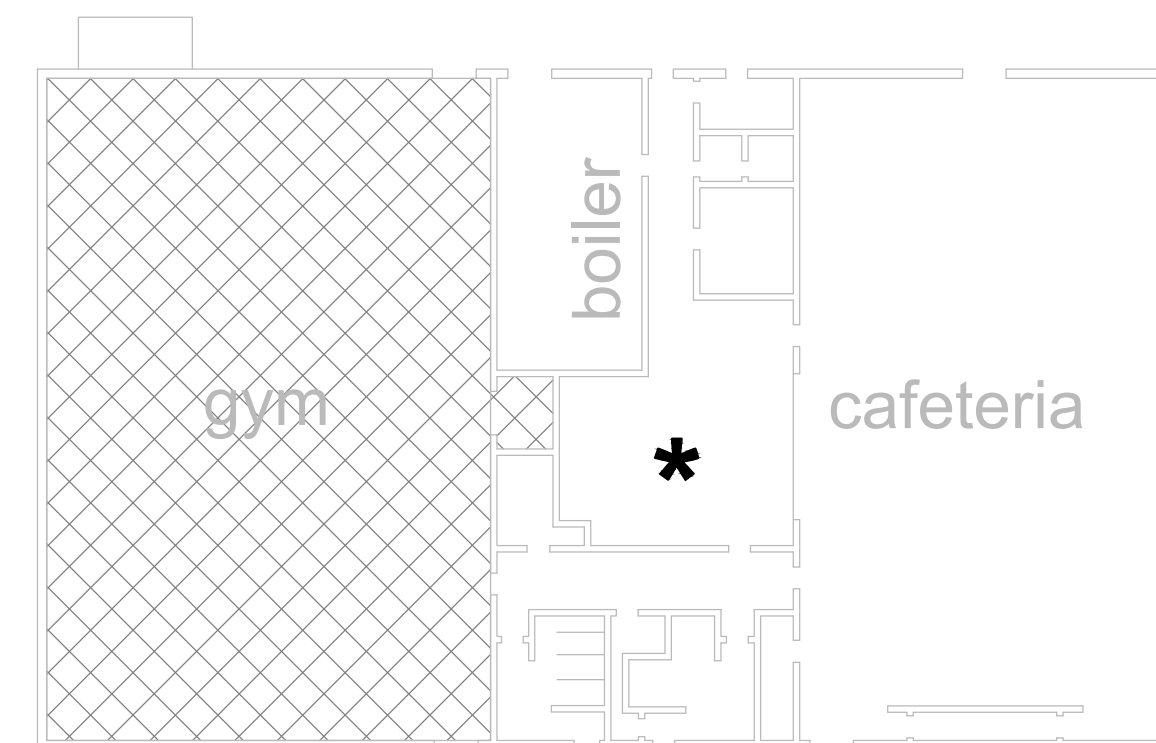
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED UNDER CARPET
-  NON-ASBESTOS FLOOR TILE WITH ASBESTOS-CONTAINING MASTIC
-  ASBESTOS-CONTAINING SHEET FLOOR COVERING
-  REMNANT ASBESTOS-CONTAINING FLOOR TILE AND MASTIC ASSUMED TO BE PRESENT UNDER CASEWORK AND OTHER FIXTURES IN THIS ROOM



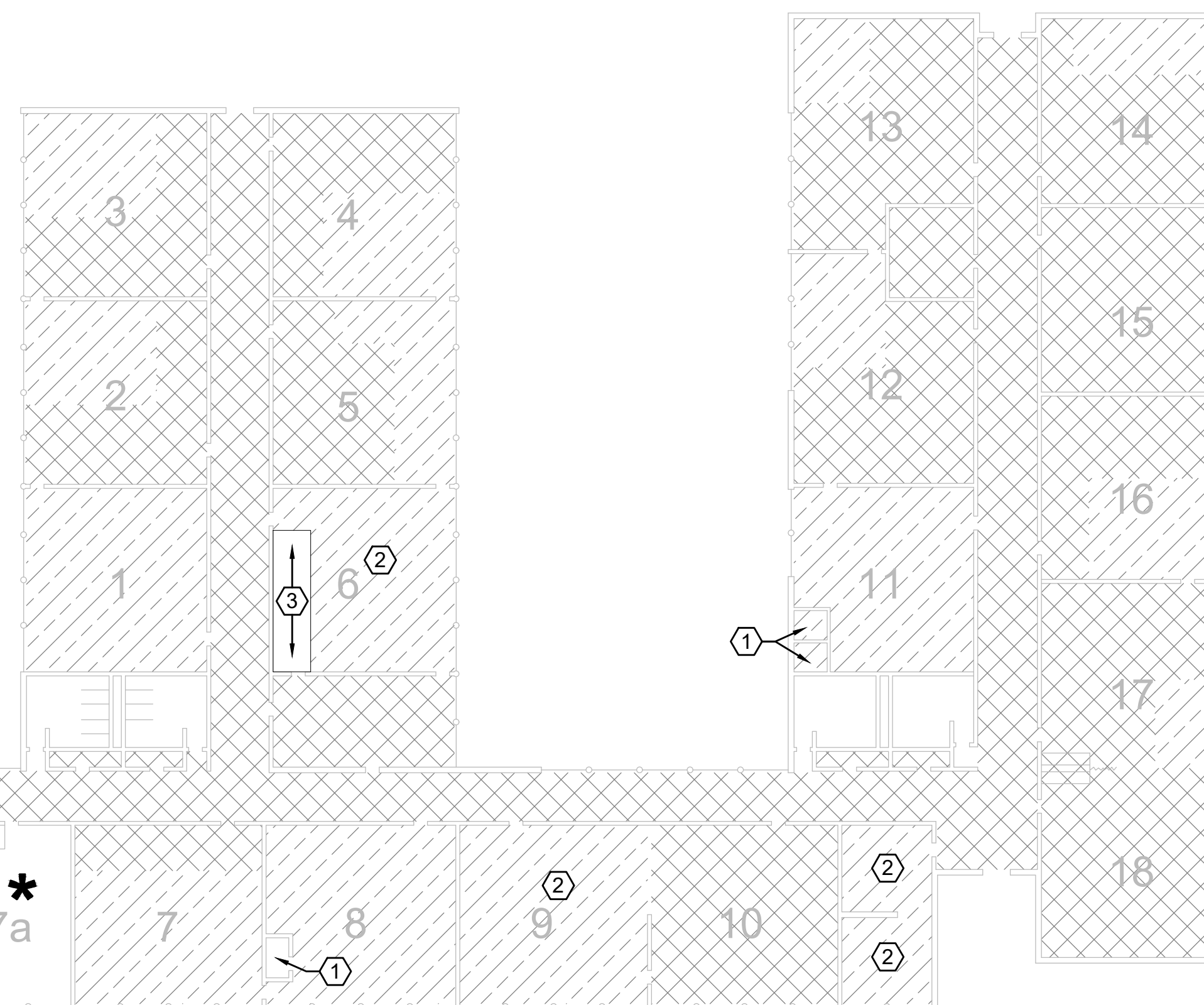
FIRST FLOOR PLAN



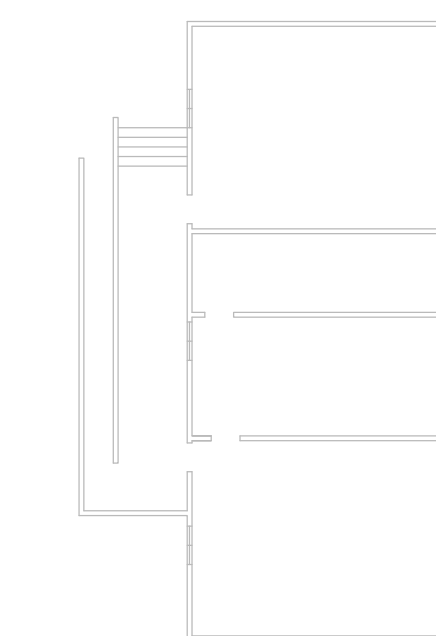
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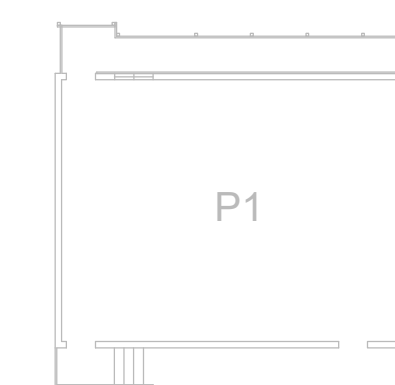
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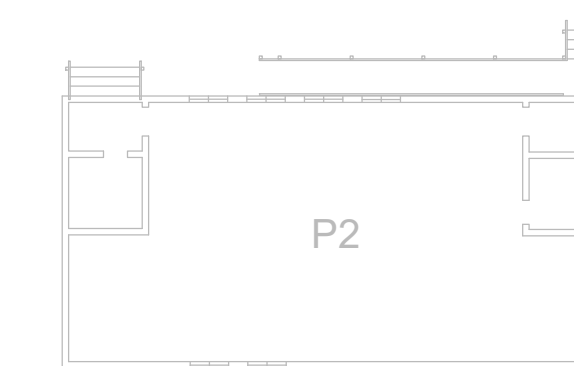
FIRST FLOOR PLAN - MAIN BUILDING - FLOORING MATERIALS



FIRST FLOOR PLAN - PORTABLE (91902)



FIRST FLOOR PLAN - PORTABLE 1 (85626) BUILDING



FIRST FLOOR PLAN - PORTABLE 2 (73-14) BUILDING



SCALE: 1" = 20'



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HAZARDOUS MATERIAL ABATEMENT PLAN
SILVER LEA ELEMENTARY
EUGENE, OREGON

NO	REVISION	DATE	BY	APPD

DRAWN BY: JAB
CHECKED: JH
DATE: NOVEMBER 2019
PROJECT NUMBER: 52504.000_0002

SHEET DRAWING NO: **HM2**

SHEET **2** OF **2**

PREPARED FOR: LANE COUNTY SCHOOL DISTRICT 4J