

PROJECT:

Camas Ridge Elementary School
Asbestos Abatement Project
Owner Project No.: 460.953.P0001

ISSUED BY: Jeff Heeren

PBS Engineering and Environmental Inc.
3500 Chad Drive, Suite 100
Eugene, OR 97408
(541) 686-8684

DATE: January 5, 2022

PBS Project No.: 52637.005

Acknowledge receipt of this addendum by inserting its number and date on your proposal. The contents of this addendum are to be covered in the quotes 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 Section 01 11 00, Summary of Work

1.2.D, Base Bid, Item 1.i: The estimated quantity of concealed asbestos-containing pipe insulation is increased to 3,160 linear feet.

2.0 Abatement Drawings

Delete: Abatement drawings HA2 and HA3 included in project manual

Add: Abatement drawings HA2 and HA3 attached to this addendum

END OF ADDENDUM NO. 1




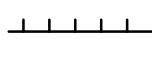

GENERAL NOTES

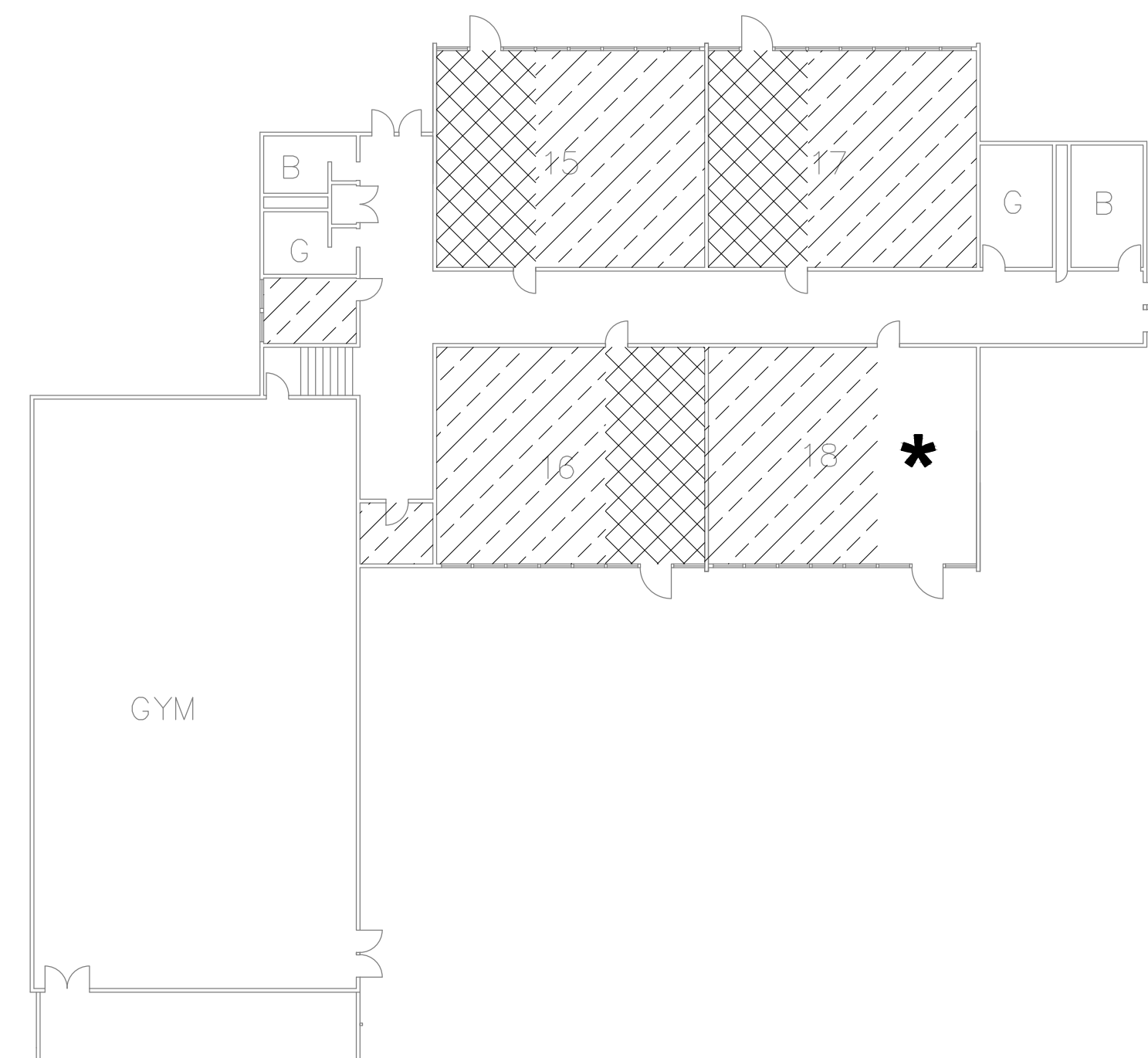
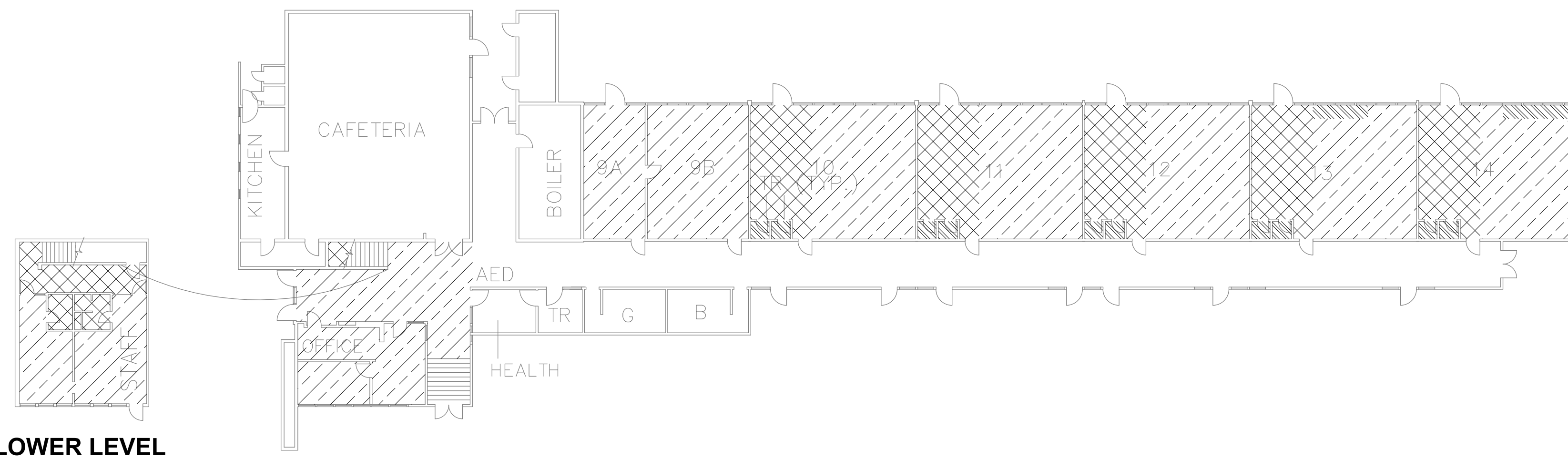
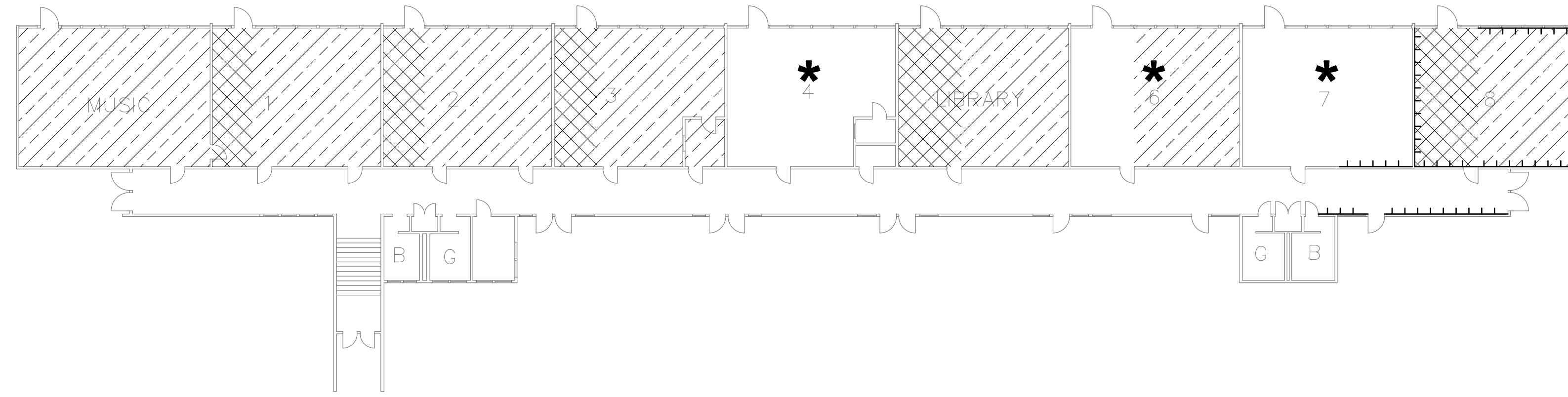
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. 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.
5. 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.
6. CLEANUP AND DISPOSAL OF ALL GENERAL WASTE GENERATED AS A RESULT OF DEMOLITION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. 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.
8. 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.
9. 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)

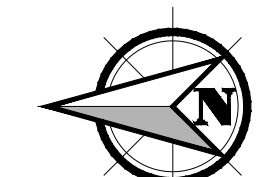
1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWINGS DO NOT SHOW ALL ASBESTOS-CONTAINING MATERIALS TO BE REMOVED. REFER TO THE ABATEMENT NOTES AND SUMMARY OF WORK SECTION 01 11 00 FOR ADDITIONAL DETAILS AND TASKS INCLUDED IN THE PROJECT SCOPE OF WORK.
2. 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.
3. FLOORING SUBSTRATES ARE CONCRETE UNLESS NOTED OTHERWISE.
4. REMOVE AND DISPOSE OF ALL COVEBASE IN FLOORING ABATEMENT AREAS. IN AREAS WHERE COVEBASE MASTIC CONTAINS ASBESTOS, CONTRACTOR SHALL REMOVE ALL COVEBASE MASTIC.
5. 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.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
7. CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.

LEGEND

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

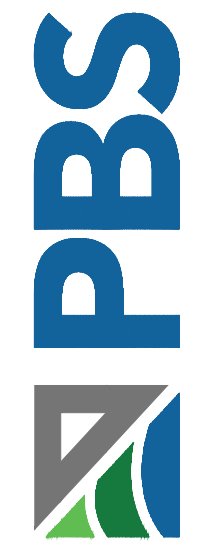


FIRST FLOOR - FLOORING MATERIALS



SCALE: 1" = 20'
0 10' 20' 40'

User: Jim Blanco CAD Plot Date/Time: 1/5/2022 9:24:06 AM Layout Tab: 11X17 Filename: L:\Projects\52000\52600\52637_05_Camas_Ridge\CAD\ABATEMENT\52637_05_0002_HAZ.dwg



HAZARDOUS MATERIAL ABATEMENT PLAN
CAMAS RIDGE ELEMENTARY SCHOOL
1150 E 29TH AVENUE, EUGENE, OREGON

NO	REVISION	DATE	BY	APPD
1	ROTATE HATCH IN LEGEND	1/5/2022	JAB	JH

DRAWN BY JAB
CHECKED: JH
DATE: DECEMBER 2021
PROJECT NUMBER: 52637.005_0002
SHEET DRAWING NO:

GENERAL NOTES

1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. 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.
5. 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.
6. CLEANUP AND DISPOSAL OF ALL GENERAL WASTE GENERATED AS A RESULT OF DEMOLITION ACTIVITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. 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.
8. 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.
9. 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)

1. 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.
2. 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.
3. 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.
4. 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.
5. ASBESTOS INSULATED SUB-SLAB STEAM SUPPLY AND CONDENSATE RETURN PIPING IS ASSUMED TO BE CONTAINED WITHIN ORANGEBURG, CEMENT TILE OR CEMENT ASBESTOS SLEEVES. CONTRACTOR SHALL DEMOLISH CONCRETE SLAB AND OVERLYING FLOORING MATERIALS AS NECESSARY TO ACCESS THESE PIPES.
6. 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.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
8. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
9. CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.
10. 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

- ① ASBESTOS-CONTAINING PIPE INSULATION ASSUMED TO BE PRESENT ABOVE CEILING.

LEGEND

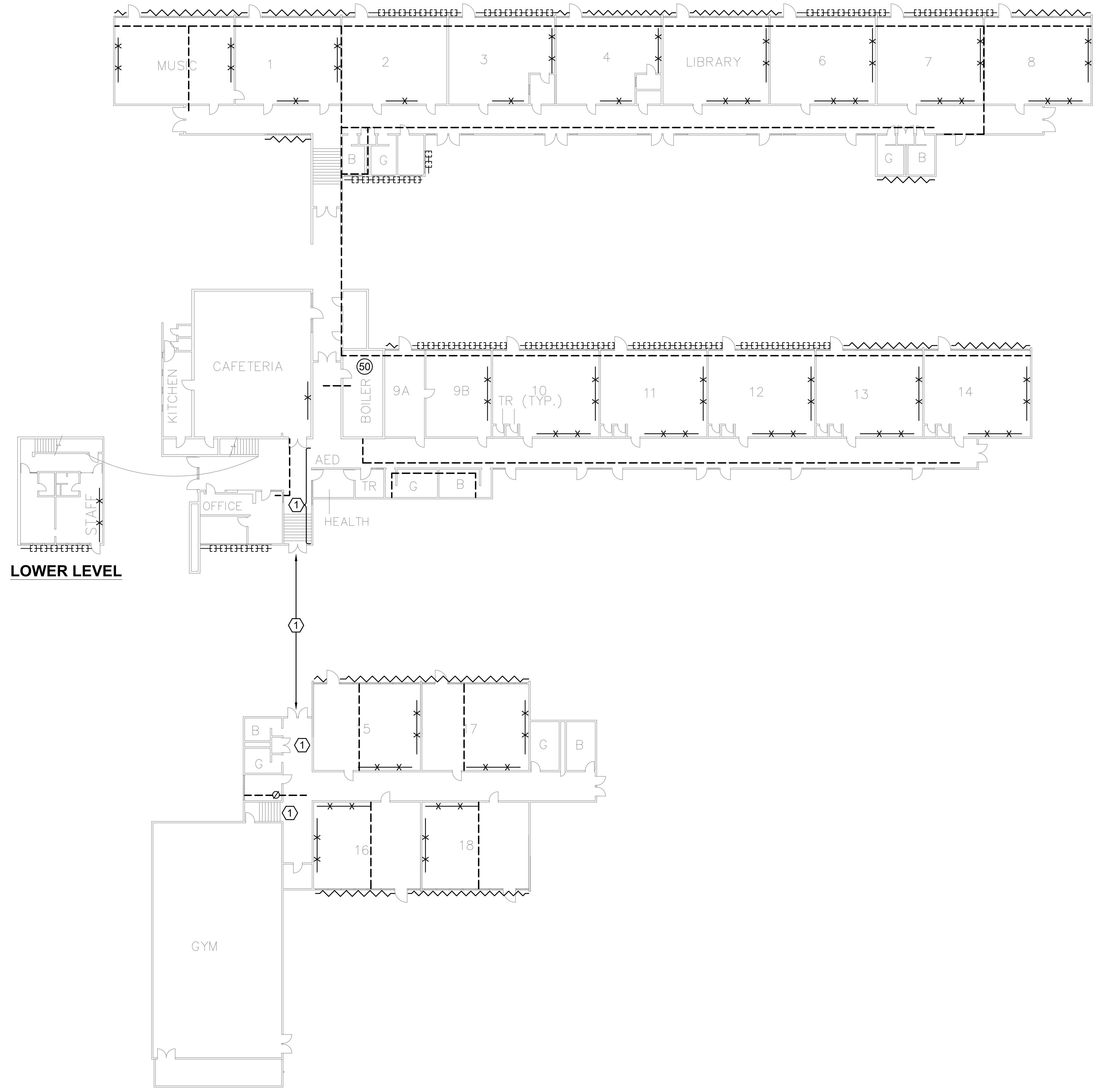
- ∅ PIPE RISER CONCEALED IN CHASE

LEGEND (CONTINUED)

- ~ WINDOW WITH ASBESTOS-CONTAINING CAULKING
- |-|-|- WINDOW WITH ASBESTOS-CONTAINING WINDOW GLAZING COMPOUND AND CAULKING
- APPROXIMATE LOCATION OF PIPE RUNS WITH ASBESTOS-CONTAINING INSULATION OR CEMENT ASBESTOS PIPE CONDUIT CONCEALED WITHIN SLAB OR IN CHASES

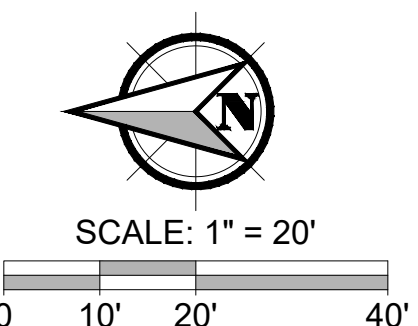
LEGEND (CONTINUED)

- *-* ASBESTOS-CONTAINING MASTIC MAY BE BEHIND CHALKBOARDS, CORKBOARDS, WHITEBOARDS, OR OTHER COVERINGS
- ⊕ CONCEALED PRESUMED ASBESTOS-CONTAINING FLANGE GASKETS AT MECHANICAL CONNECTIONS



LOWER LEVEL

FIRST FLOOR - TSI AND MISCELLANEOUS MATERIALS



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 Layout Tab: 11X17
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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
CAMAS RIDGE ELEMENTARY SCHOOL
 1150 E 29TH AVENUE, EUGENE, OREGON

NO	REVISION	DATE	BY	APPD
1	ADDED ADDITIONAL KEY NOTES	1/5/22	JAB	JH

DRAWN BY	JAB
CHECKED:	JH
DATE:	DECEMBER 2021
PROJECT NUMBER:	52637.005 0002
SHEET DRAWING NO:	HA3
SHEET	3 OF 4