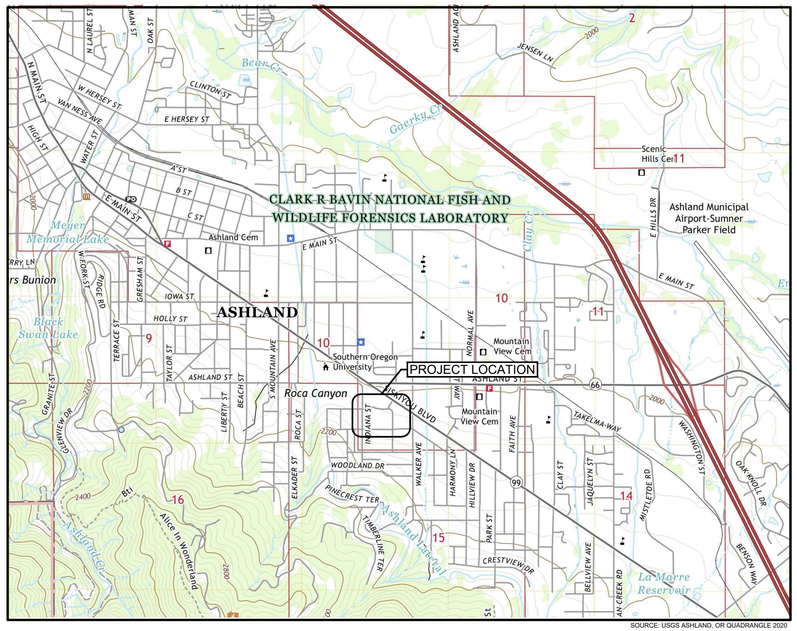
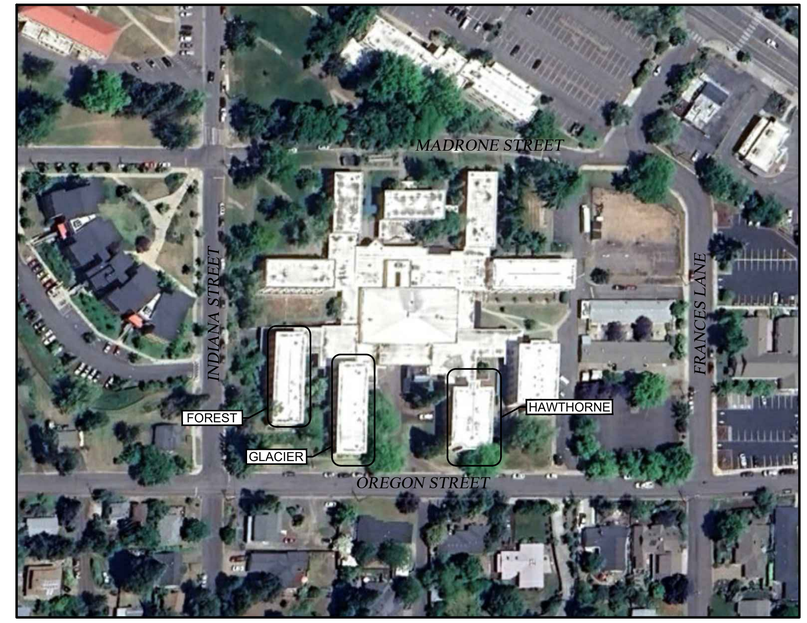
Attachment C - SOU ITB 2024-27

# CASCADE HALL - SOUTHERN OREGON UNIVERSITY CAMPUS

## HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
## FOREST, GLACIER, AND HAWTHORNE WINGS
## 1450 MADRONE STREET, ASHLAND, OREGON




**VICINITY MAP**
SCALE: 1" = 1,600'




**SITE PLAN**
SCALE: 1" - 100'

| GENERAL INFORMATION | | |
|---|---|---|
| SITE REPRESENTATIVE #1: | SITE REPRESENTATIVE #2: | CONSULTANT: |
| LEON CROUCH<br>FACILITIES MANAGEMENT AND PLANNING DIRECTOR<br>SOUTHERN OREGON UNIVERSITY<br>1250 SISKIYOU BOULEVARD<br>ASHLAND, OREGON 97520<br>PHONE: 541.552.6231<br>EMAIL: CROUCHL@SOU.EDU | JAMES MCNAMARA<br>PROJECT MANAGEMENT AND PLANNING<br>1250 SISKIYOU BOULEVARD<br>ASHLAND, OREGON 97520<br>PHONE: 541.552.6231<br>EMAIL: MCNAMARAJ@SOU.EDU | JEFF HEEREN<br>PBS ENGINEERING AND ENVIRONMENTAL, LLC<br>3500 CHAD DRIVE, SUITE 100<br>EUGENE, OREGON 97408<br>PH: 541.686.0955<br>CELL: 541.844.5538<br>E-MAIL: Jeff.Heeren@pbsusa.com |

DRAWING INDEX


| | |
|---|---|
| C1 | COVER, SITE PLAN & VICINITY MAP |
| HB1.2 | PARTIAL GROUND LEVEL - SOUTH - FLOORING MATERIALS |
| HB1.5 | PARTIAL GROUND LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION |
| HB1.6 | PARTIAL FOUNDATION - SOUTH |
| HB3.2 | PARTIAL SECOND LEVEL - SOUTH - FLOORING MATERIALS |
| HB3.5 | PARTIAL SECOND LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION |
| HB4.2 | PARTIAL THIRD LEVEL - SOUTH - FLOORING MATERIALS |
| HB4.4 | PARTIAL THIRD LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION |
| HB5.1 | PARTIAL FOURTH LEVEL - SOUTH - FLOORING MATERIALS |
| HB5.2 | PARTIAL FOURTH LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION |


PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
3500 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
CASCADE HALL - SOUTHERN OREGON UNIVERSITY
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001 0002
SHEET DRAWING NO: C1
SHEET 1 OF 10


Filename: L:\Projects\52000\52600-52659\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_C1.dwg Layout Tab: 11X17 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 12:47:38 PM

## 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, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

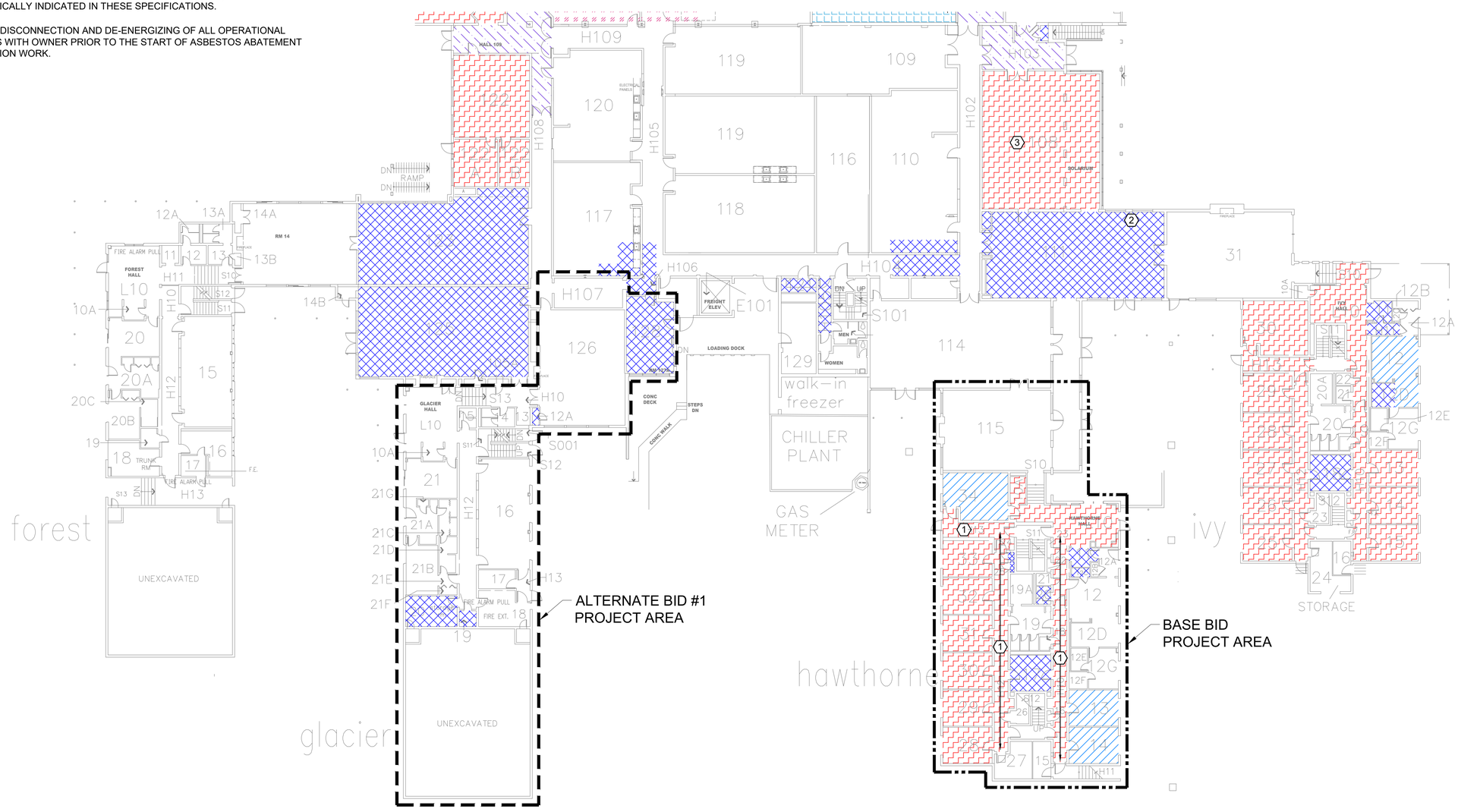
1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES NOT SHOW ALL ASBESTOS-CONTAINING MATERIALS TO BE REMOVED. REFER TO THE ABATEMENT NOTES AND SUMMARY 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. 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.
4. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
6. CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.

## KEY NOTES (THIS SHEET)

1. ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC CONCEALED UNDER TWO LAYERS OF NON-ASBESTOS CARPET AND MASTIC IN THESE AREAS (THROUGHOUT).
2. ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC LIKELY PRESENT UNDERNEATH ADDED WALLS IN THIS AREA.
3. FLOORING MATERIALS CONCEALED UNDER RAISED PLATFORM.

## LEGEND

- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
- REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH CARPET
- REMNANT ASBESTOS-CONTAINING FLOOR TILE MASTIC CONCEALED UNDER VINYL COMPOSITION TILE AND LEVELING COMPOUND/GYPCRETE
- BASE BID SCOPE OF WORK BOUNDARY
- ALTERNATE BID #1 BOUNDARY




## PARTIAL GROUND LEVEL - SOUTH - FLOORING MATERIALS

SCALE: 1" = 16'
0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
2020 Oak Street, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
CASCADE HALL - SOUTHERN OREGON UNIVERSITY
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001 0002
SHEET DRAWING NO: HB1.2
SHEET 2 OF 10


Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB1.2.dwg Layout Tab: HB1.2 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:22:49 PM

## GENERAL NOTES

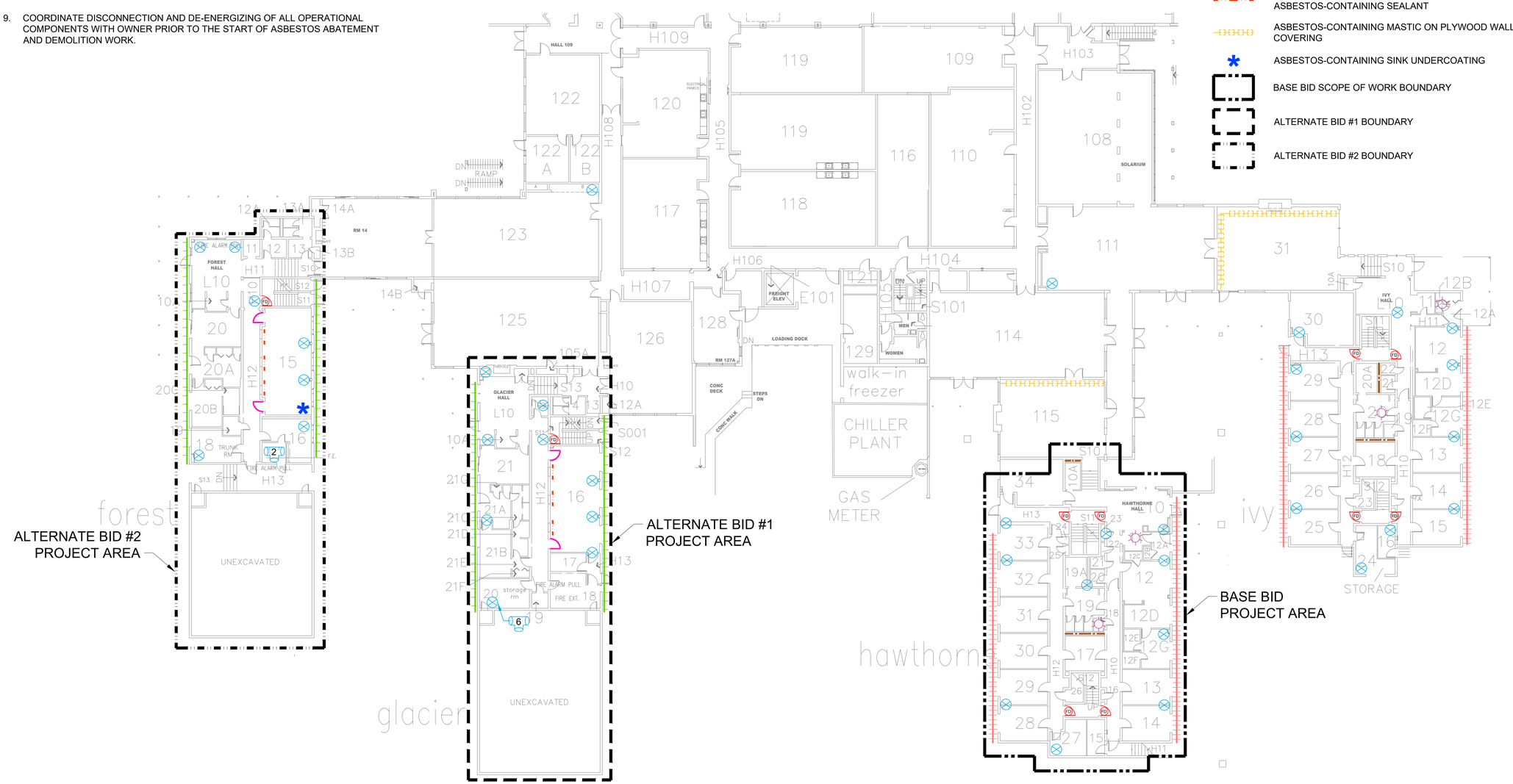
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE EARLY WORK PACKAGE WORK AREAS. 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.
4. CONTRACTOR SHALL REMOVE ALL HEATING SYSTEM CONVECTOR UNITS AND VENTILATOR UNITS THROUGHOUT THE SPECIFIED WORK AREA(S). REMOVE ALL PACKING MATERIALS ENCOUNTERED AT HEATING UNIT PIPE PENETRATIONS AND PREVENT PACKING MATERIAL DEBRIS FROM FALLING TO LOWER LEVELS.
5. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
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.
8. 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.

## LEGEND

- HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS -CONTAINING MECHANICAL ISOLATION CLOTH
- FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- # ASBESTOS-CONTAINING HARD FITTINGS
- FD SUSPECT ASBESTOS-CONTAINING FIRE DOOR AND ASSOCIATED FRAME
- DOORFRAME WITH ASBESTOS-CONTAINING SEALANT
- WINDOW'S WITH ASBESTOS-CONTAINING FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- WINDOW'S WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- GLASS BLOCK WINDOW ASSEMBLIES WITH ASBESTOS-CONTAINING SEALANT
- ASBESTOS-CONTAINING MASTIC ON PLYWOOD WALL COVERING
- * ASBESTOS-CONTAINING SINK UNDERCOATING
- BASE BID SCOPE OF WORK BOUNDARY
- ALTERNATE BID #1 BOUNDARY
- ALTERNATE BID #2 BOUNDARY




**PARTIAL GROUND LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION**

SCALE: 1" = 16'
0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
3205 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
CASCADE HALL - SOUTHERN OREGON UNIVERSITY
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001 0002
SHEET DRAWING NO: HB1.5
SHEET 3 OF 10


Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB1.5.dwg Layout Tab: HS1.2 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:19:58 PM

## GENERAL NOTES

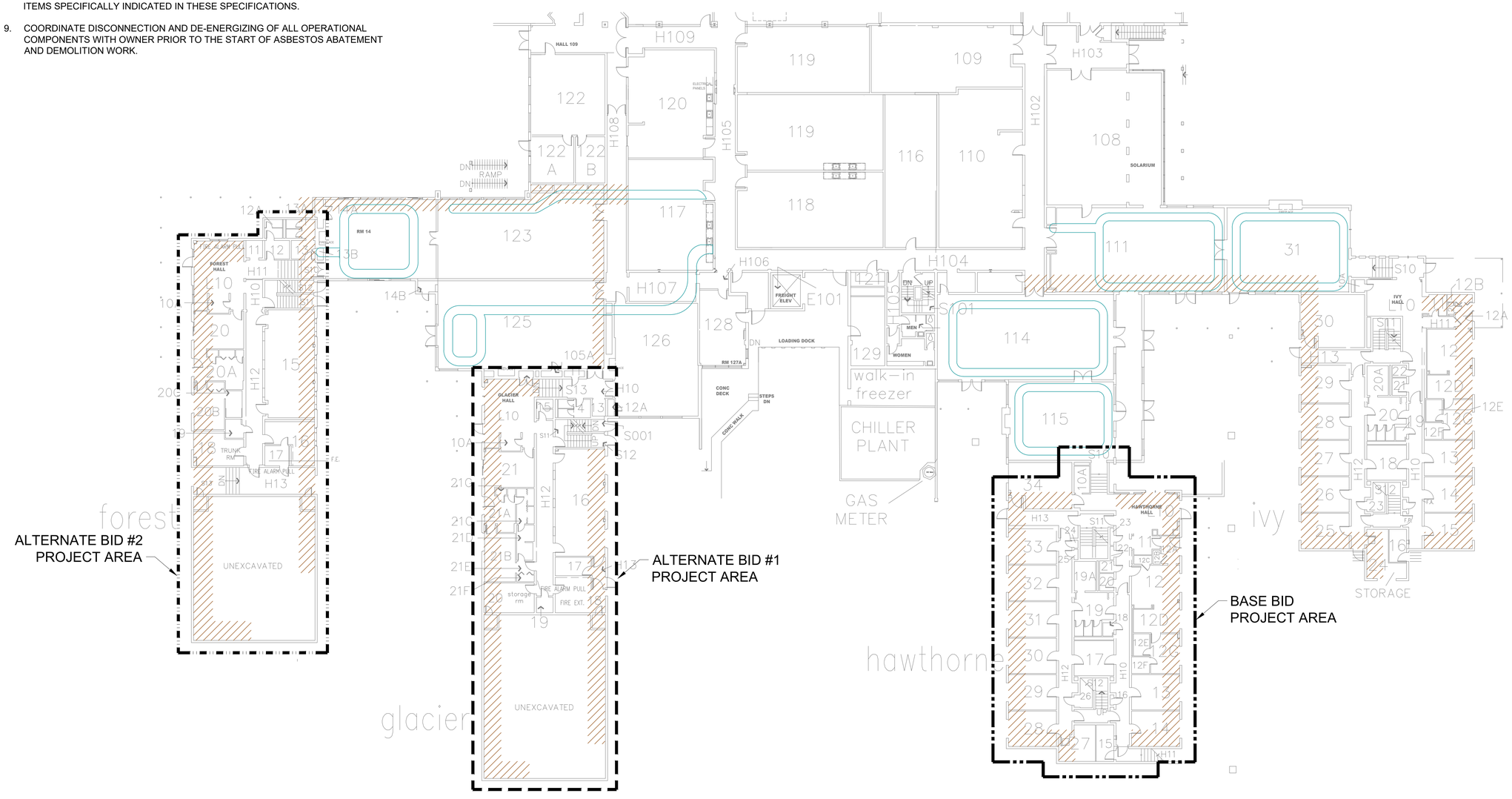
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES 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. THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION, AND ALL ASSOCIATED DEBRIS THROUGHOUT UTILITY TUNNELS WITHIN THE DESIGNATED EARLY WORK PACKAGE WORK AREAS. CONTRACTOR SHALL CLEAN ALL PIPE PENETRATIONS THROUGH TUNNEL WALLS AND LIDS AND REMOVE ANY PACKING MATERIALS ENCOUNTERED.
3. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
5. CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.

## LEGEND

- ASBESTOS-CONTAINING PIPE FITTING INSULATION ON FIBERGLASS STRAIGHT RUNS IN UTILITY TUNNELS
- CEMENT ASBESTOS DUCTING
- BASE BID SCOPE OF WORK BOUNDARY
- ALTERNATE BID #1 BOUNDARY
- ALTERNATE BID #2 BOUNDARY




**PARTIAL FOUNDATION - SOUTH**

SCALE: 1" = 16'
0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.

Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB1.6.dwg Layout Tab: HS1.2 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:14:10 PM


PBS Engineering and Environmental LLC
3200 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABABATEMENT - EARLY WORK PACKAGE
**CASCADE HALL - SOUTHERN OREGON UNIVERSITY**
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001 0002
SHEET DRAWING NO: HB1.6
SHEET 4 OF 10

## GENERAL NOTES

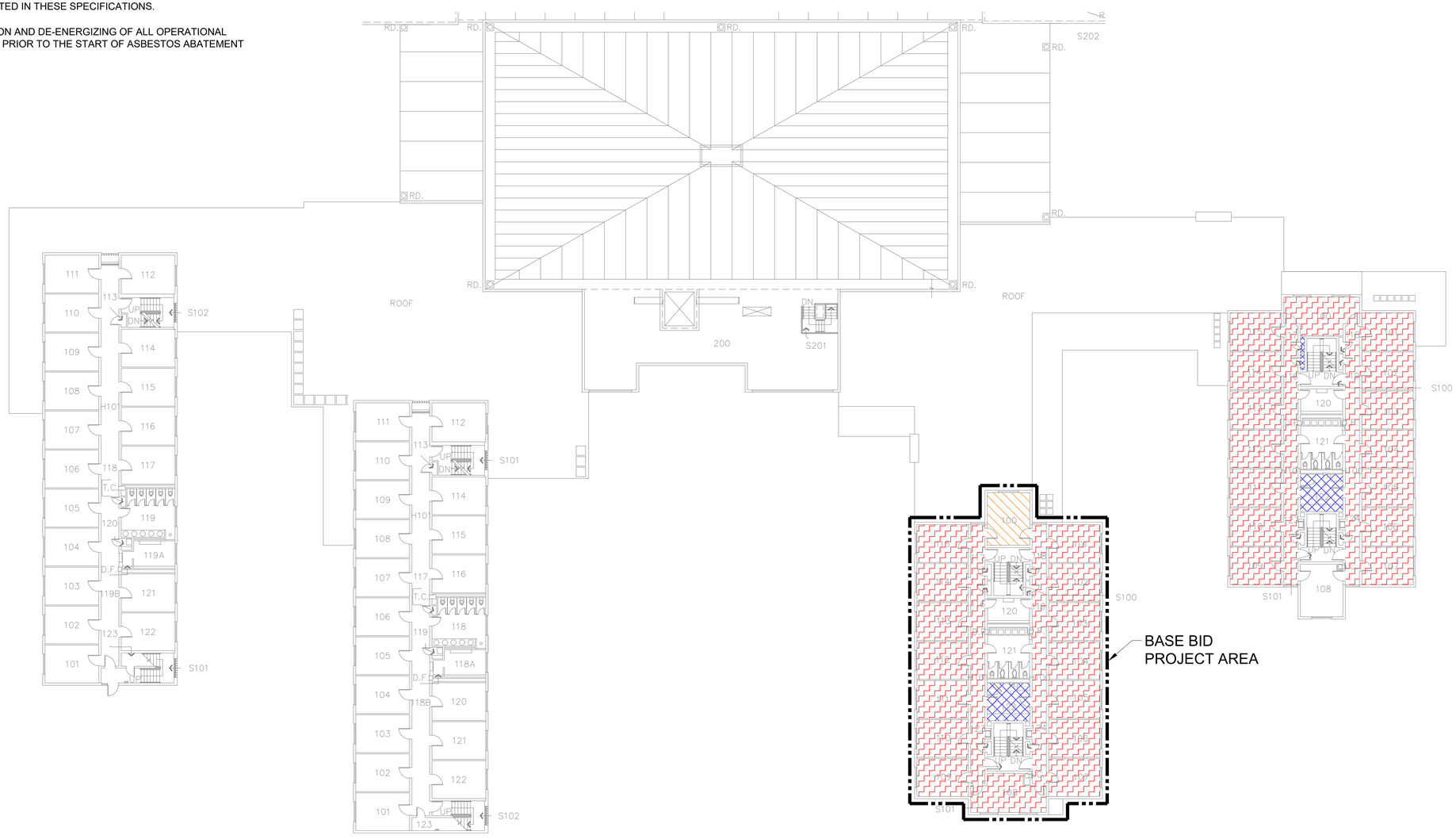
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. 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.
4. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
6. 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 CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
- REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH VINYL PLANK FLOORING
- BASE BID SCOPE OF WORK BOUNDARY




## PARTIAL SECOND LEVEL - SOUTH - FLOORING MATERIALS

SCALE: 1" = 16'

0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
3200 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE

# CASCADE HALL - SOUTHERN OREGON UNIVERSITY

1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|
| | | | | |

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001_0002
SHEET DRAWING NO: HB3.2
SHEET 5 OF 10


Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB3.2.dwg Layout Tab: HB3.2 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:14:55 PM

## GENERAL NOTES

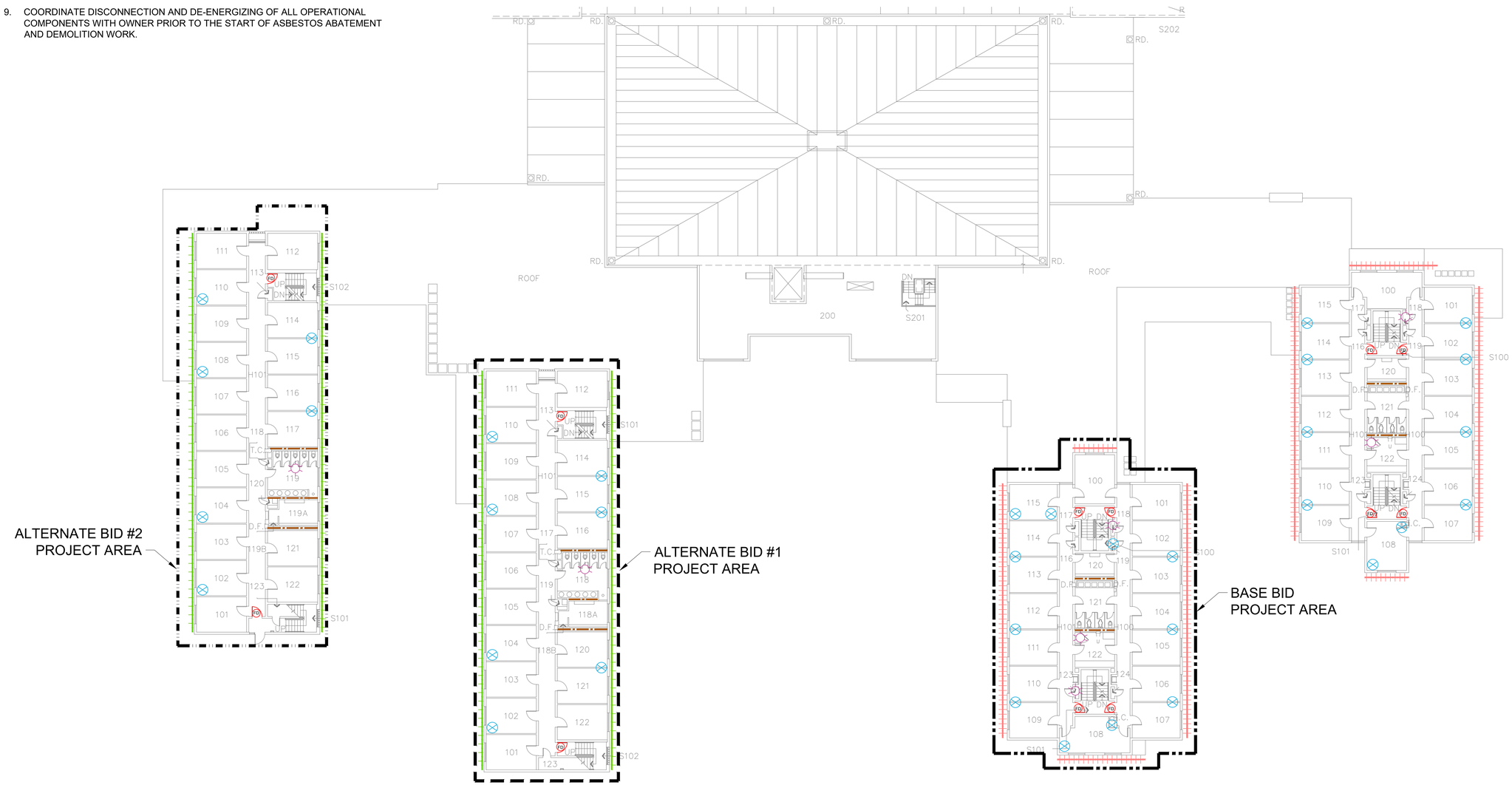
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE EARLY WORK PACKAGE WORK AREAS. 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.
4. CONTRACTOR SHALL REMOVE ALL HEATING SYSTEM CONVECTOR UNITS AND VENTILATOR UNITS THROUGHOUT THE SPECIFIED WORK AREA(S). REMOVE ALL PACKING MATERIALS ENCOUNTERED AT HEATING UNIT PIPE PENETRATIONS AND PREVENT PACKING MATERIAL DEBRIS FROM FALLING TO LOWER LEVELS.
5. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
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.
8. 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.

## LEGEND

- HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS -CONTAINING MECHANICAL ISOLATION CLOTH
- FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- WINDOW'S WITH ASBESTOS-CONTAINING FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- WINDOW'S WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- FD — SUSPECT ASBESTOS-CONTAINING FIRE DOOR AND ASSOCIATED FRAME
- BASE BID SCOPE OF WORK BOUNDARY
- ALTERNATE BID #1 BOUNDARY
- ALTERNATE BID #2 BOUNDARY




**PARTIAL SECOND LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION**

SCALE: 1" = 16'
0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
3200 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
CASCADE HALL - SOUTHERN OREGON UNIVERSITY
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001_0002
SHEET DRAWING NO: HB3.5
SHEET 6 OF 10


Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB3.5.dwg Layout Tab: 11X17 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:21:01 PM

## 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, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

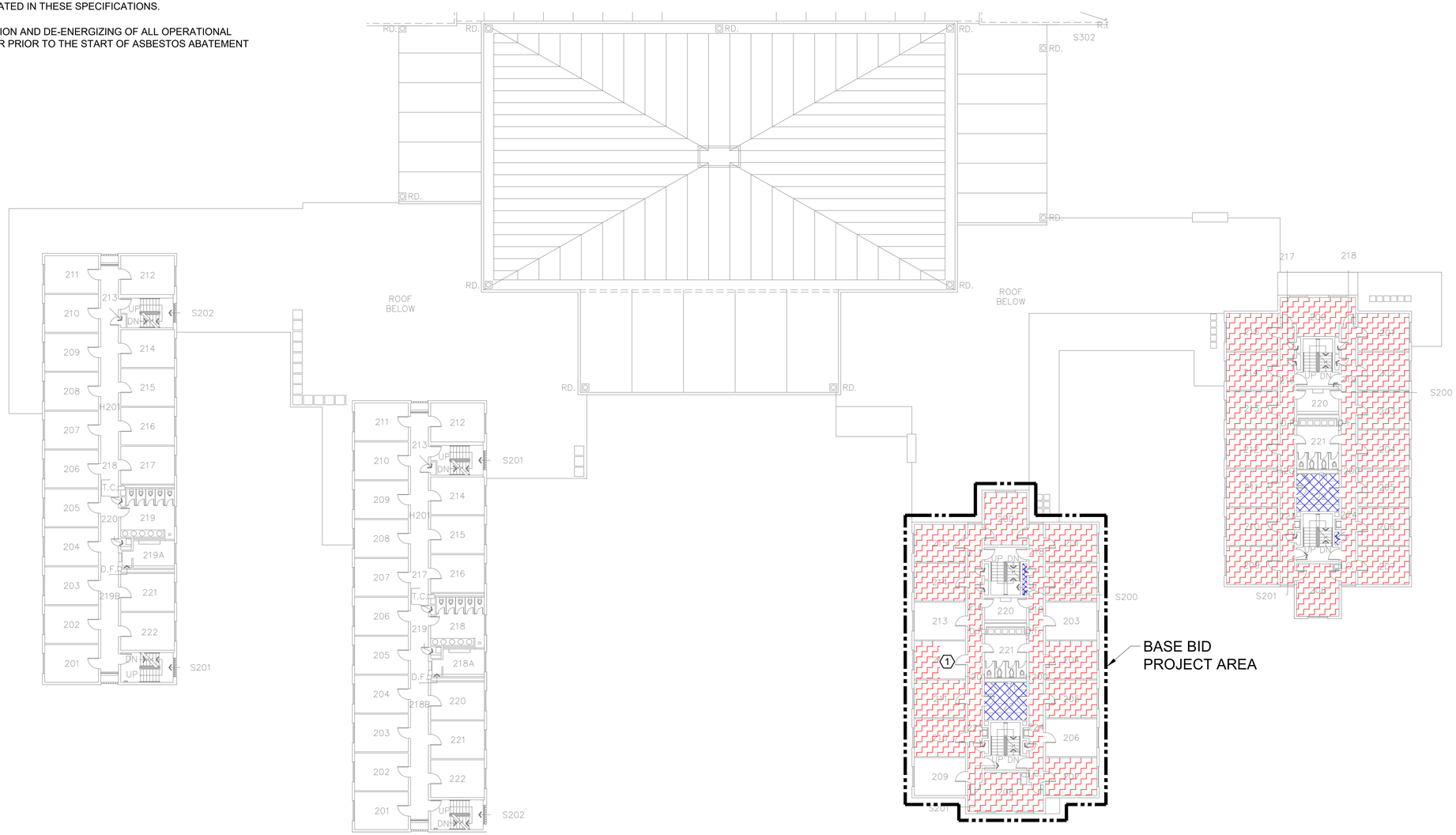
1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES NOT SHOW ALL ASBESTOS-CONTAINING MATERIALS TO BE REMOVED. REFER TO THE ABATEMENT NOTES AND SUMMARY 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. 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.
4. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
6. CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.

## KEY NOTES

1. ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC LIKELY PRESENT UNDERNEATH ADDED WALLS IN THIS AREA.

## LEGEND

- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
- BASE BID SCOPE OF WORK BOUNDARY




## PARTIAL THIRD LEVEL - SOUTH - FLOORING MATERIALS

SCALE: 1" = 16'

0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
5300 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE

# CASCADE HALL - SOUTHERN OREGON UNIVERSITY

1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001_0002
SHEET DRAWING NO: HB4.2
SHEET 7 OF 10


Filename: L:\Projects\52000\52600-52599\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB4.2.dwg Layout Tab: HS4.2 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:17:34 PM

## GENERAL NOTES

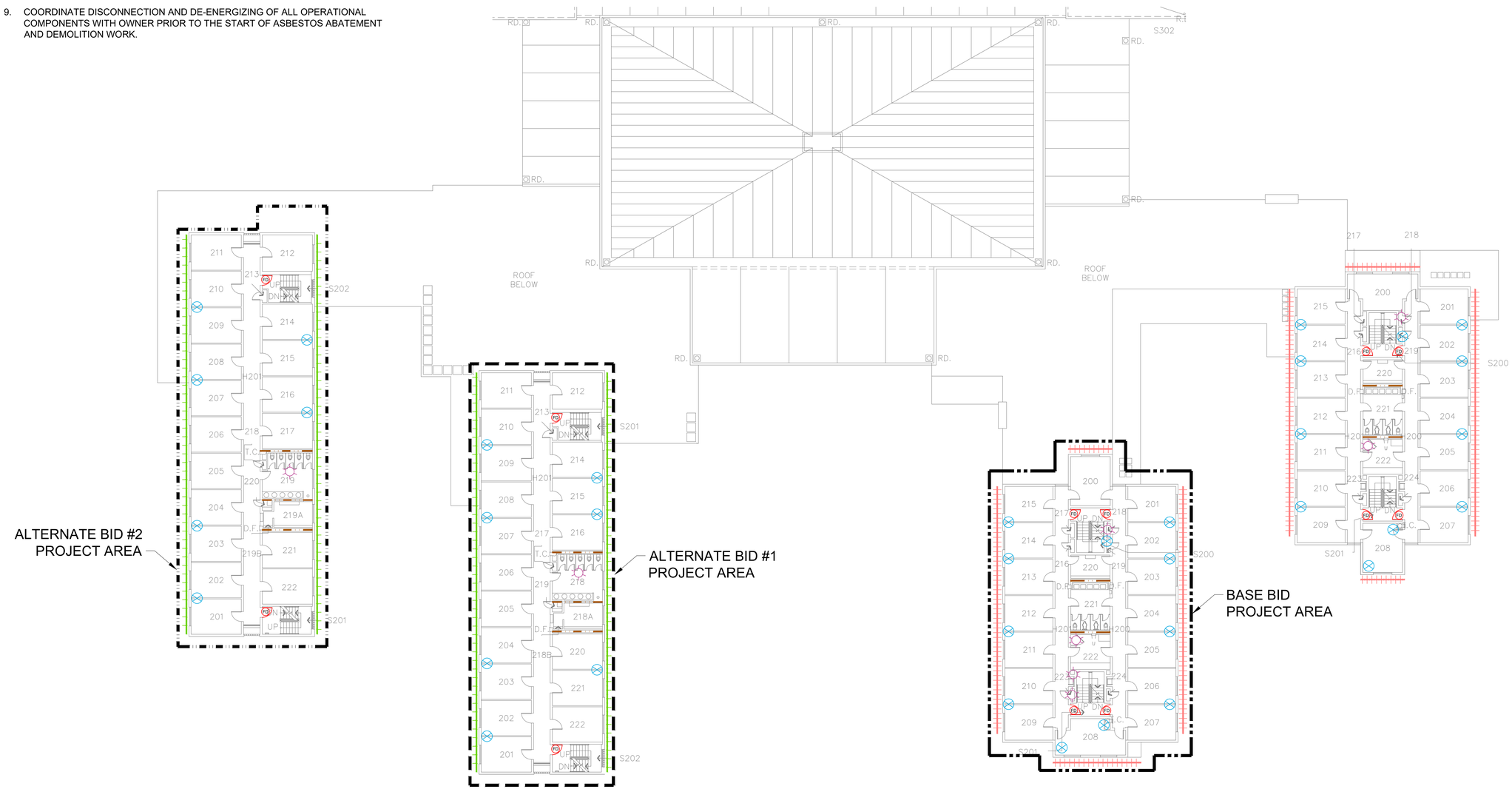
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE EARLY WORK PACKAGE WORK AREAS. 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.
4. CONTRACTOR SHALL REMOVE ALL HEATING SYSTEM CONVECTOR UNITS AND VENTILATOR UNITS THROUGHOUT THE SPECIFIED WORK AREA(S). REMOVE ALL PACKING MATERIALS ENCOUNTERED AT HEATING UNIT PIPE PENETRATIONS AND PREVENT PACKING MATERIAL DEBRIS FROM FALLING TO LOWER LEVELS.
5. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
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.
8. 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.

## LEGEND

- HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS -CONTAINING MECHANICAL ISOLATION CLOTH
- FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- WINDOW'S WITH ASBESTOS-CONTAINING FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- WINDOW'S WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- FD — SUSPECT ASBESTOS-CONTAINING FIRE DOOR AND ASSOCIATED FRAME
- BASE BID SCOPE OF WORK BOUNDARY
- ALTERNATE BID #1 BOUNDARY
- ALTERNATE BID #2 BOUNDARY




**PARTIAL THIRD LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION**

SCALE: 1" = 16'
0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
2020 Oak Street, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
CASCADE HALL - SOUTHERN OREGON UNIVERSITY
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001_0002
SHEET DRAWING NO: HB4.4
SHEET 8 OF 10


Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB4.4.dwg Layout Tab: HS4.5 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:19:11 PM

## GENERAL NOTES

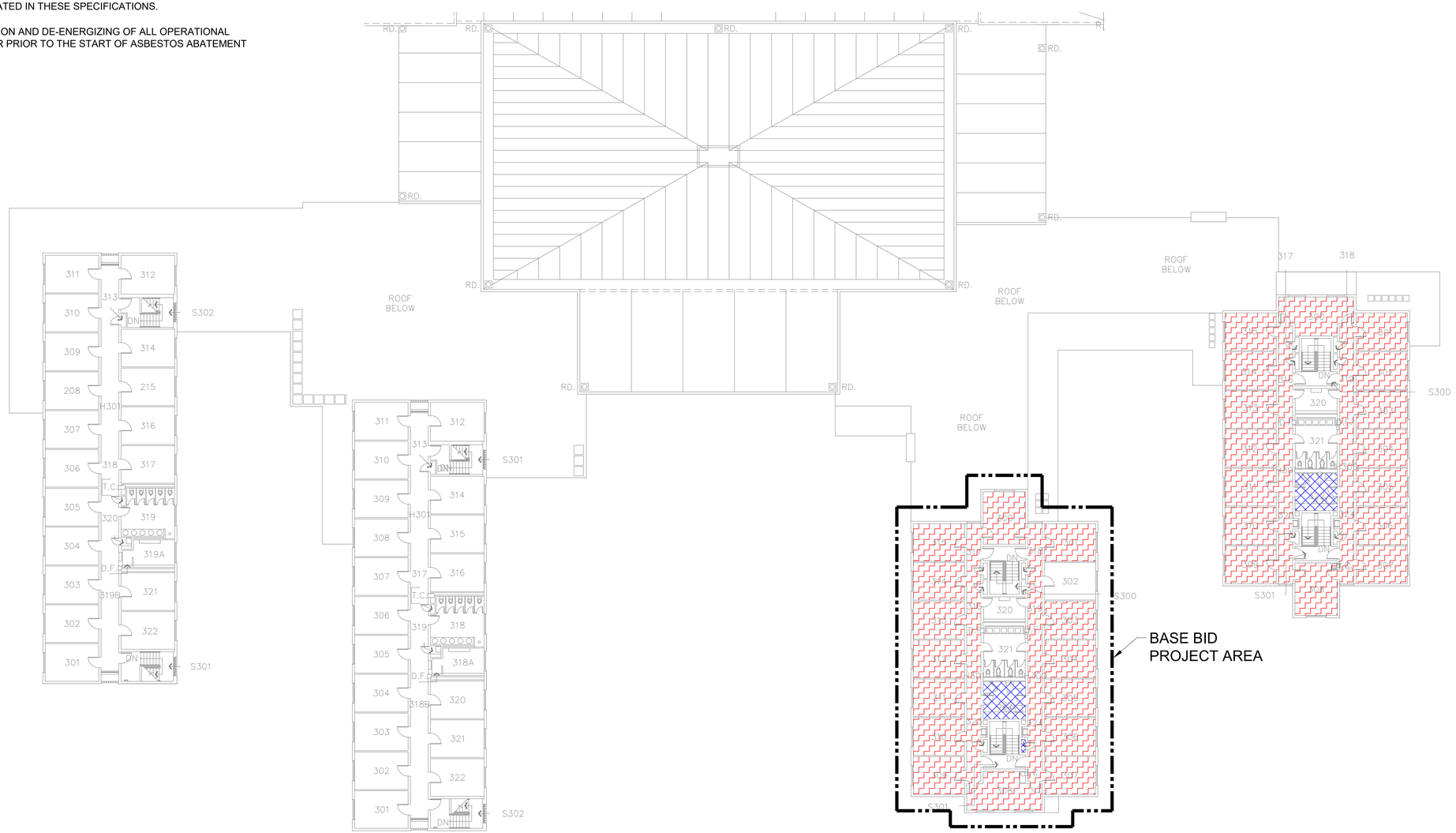
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. 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.
4. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME CONTAMINATED AS A RESULT OF ASBESTOS ABATEMENT WORK.
6. 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 CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
- BASE BID SCOPE OF WORK BOUNDARY




**PARTIAL FOURTH LEVEL - SOUTH - FLOORING MATERIALS**

SCALE: 1" = 16'
0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
3200 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
CASCADE HALL - SOUTHERN OREGON UNIVERSITY
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001_0002
SHEET DRAWING NO: HB5.1
SHEET 9 OF 10


Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB5.1.dwg Layout Tab: HB5.1 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:23:54 PM

## GENERAL NOTES

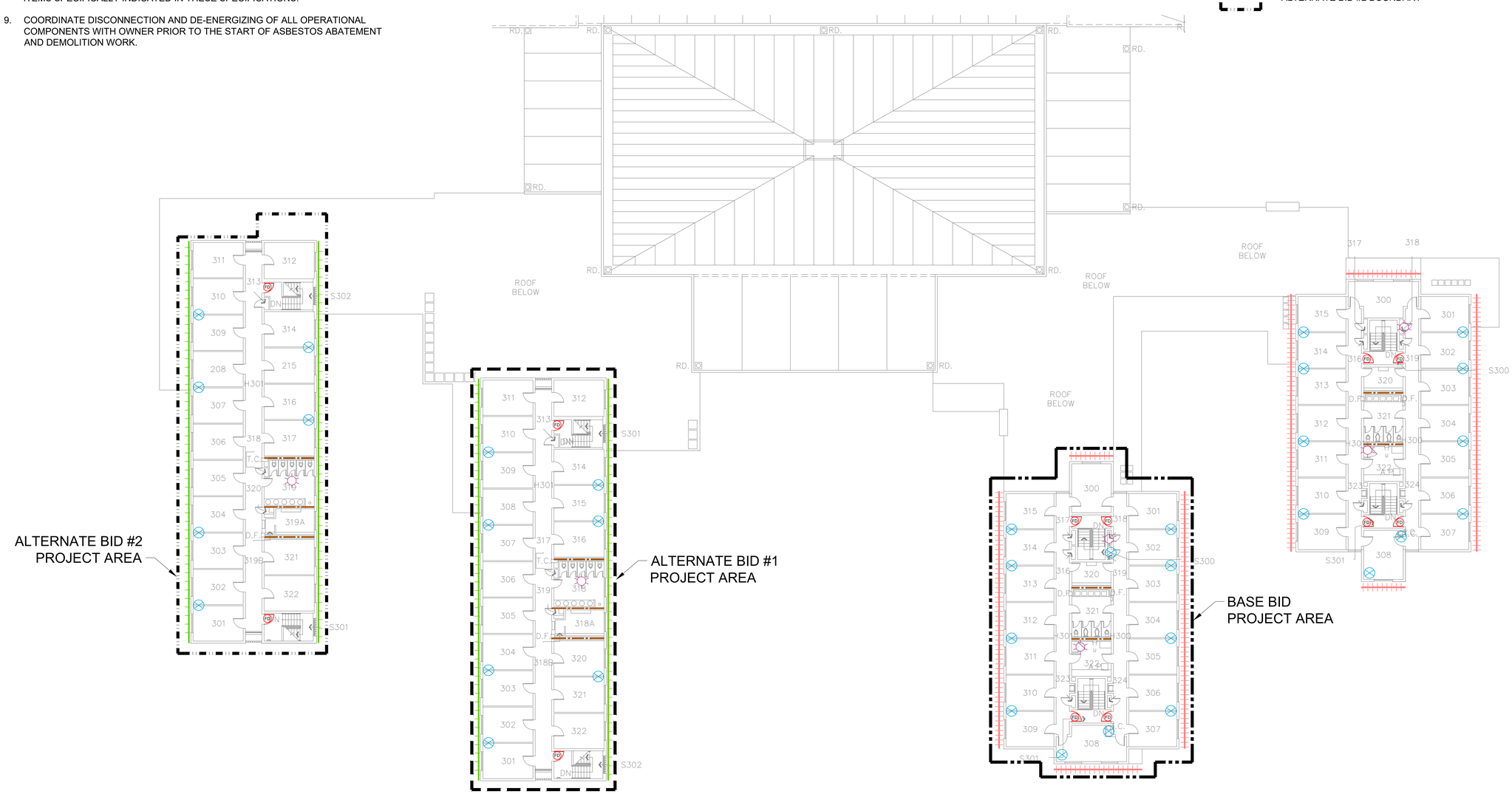
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
2. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, MATERIAL QUANTITIES, ITEMS TO BE DEMOLISHED, AND ITEMS TO BE SAVED AND PROTECTED.
3. CONTRACTOR SHALL BECOME KNOWLEDGEABLE WITH EXTRACTION POINT LOCATIONS AND LIMITATIONS, AND VERIFY ALL EXTRACTION POINT MEASUREMENTS IN THE FIELD.
4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER, 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, 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

## ABATEMENT NOTES

1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE EARLY WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES 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 OTHER FURNISHINGS AS NECESSARY TO ACCESS ASBESTOS-CONTAINING MATERIALS TO BE REMOVED.
3. THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE EARLY WORK PACKAGE WORK AREAS. 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.
4. CONTRACTOR SHALL REMOVE ALL HEATING SYSTEM CONVECTOR UNITS AND VENTILATOR UNITS THROUGHOUT THE SPECIFIED WORK AREA(S). REMOVE ALL PACKING MATERIALS ENCOUNTERED AT HEATING UNIT PIPE PENETRATIONS AND PREVENT PACKING MATERIAL DEBRIS FROM FALLING TO LOWER LEVELS.
5. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
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.
8. 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.

## LEGEND

- HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS -CONTAINING MECHANICAL ISOLATION CLOTH
- FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- WINDOW'S WITH ASBESTOS-CONTAINING FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- WINDOW'S WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF EARLY WORK PACKAGE)
- RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- FD — SUSPECT ASBESTOS-CONTAINING FIRE DOOR AND ASSOCIATED FRAME
- BASE BID SCOPE OF WORK BOUNDARY
- ALTERNATE BID #1 BOUNDARY
- ALTERNATE BID #2 BOUNDARY




**PARTIAL FOURTH LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION**

SCALE: 1" = 16'
0 8' 16' 32'

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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.


PBS Engineering and Environmental LLC
2020 Chad Drive, Suite 100
Eugene, OR 97408
541.686.8684
pbsusa.com


HAZARDOUS MATERIAL ABATEMENT - EARLY WORK PACKAGE
CASCADE HALL - SOUTHERN OREGON UNIVERSITY
1450 MADRONE STREET, ASHLAND, OREGON

| NO | REVISION | DATE | BY | APPD |
|---|---|---|---|---|

DRAWN BY: JAB
CHECKED: JH
DATE: APRIL 2024
PROJECT NUMBER: 52611.001_0002
SHEET DRAWING NO: HB5.2
SHEET 10 OF 10


Filename: L:\Projects\52000\52600-52699\52611_SOU_2020-2023\52611.001_Cascade_Hall\Design\BID\52611.001_0002_HB5.2.dwg Layout Tab: HB5.2 User: Jim Blanco CAD Plot Date/Time: 4/10/2024 3:26:16 PM