

ATTACHMENT C - ABATEMENT DRAWINGS - ITB 2025-10

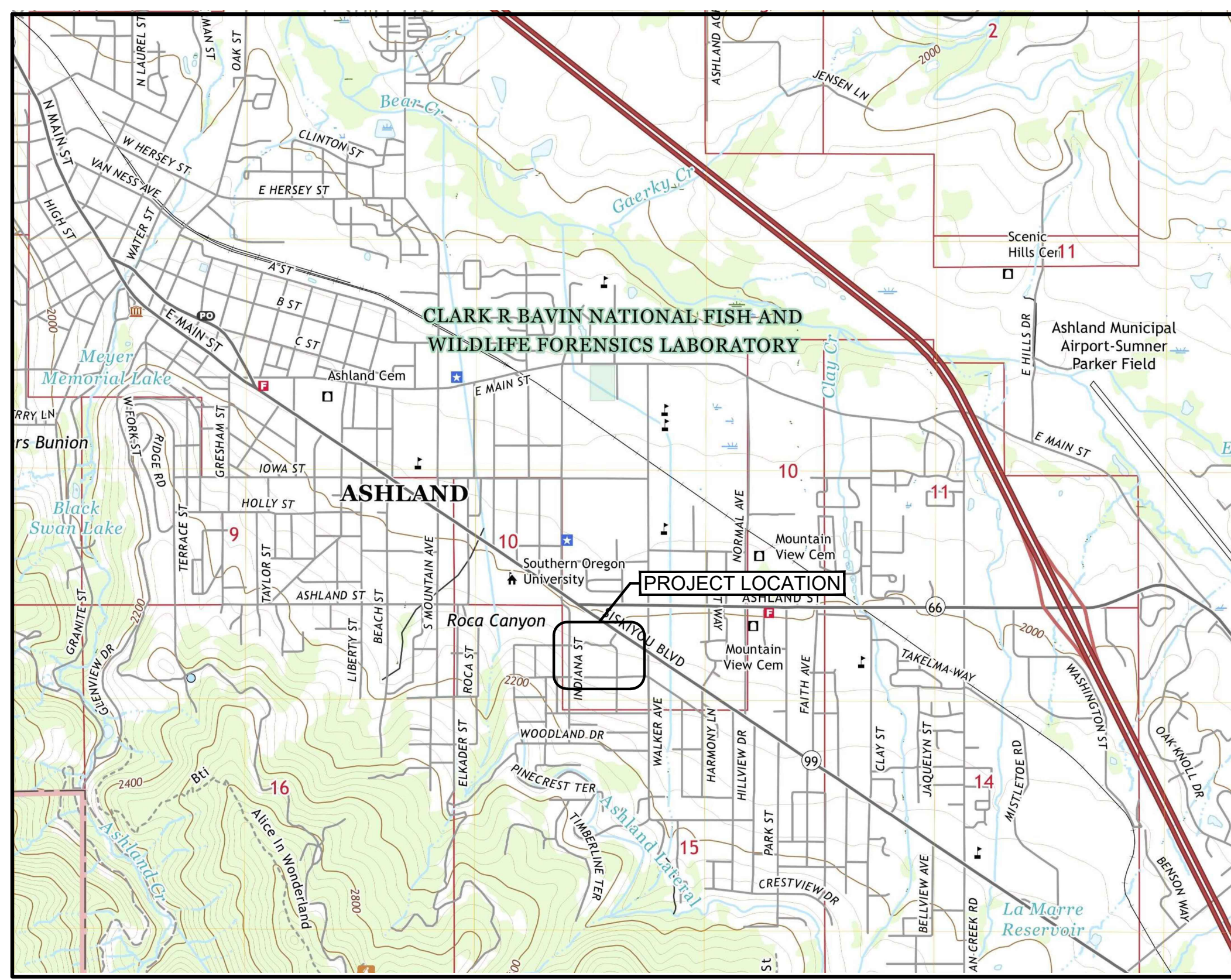
# CASCADE HALL - SOUTHERN OREGON UNIVERSITY

## HAZARDOUS MATERIAL ABATEMENT - THIRD WORK PACKAGE 1450 MADRONE STREET, ASHLAND, OREGON

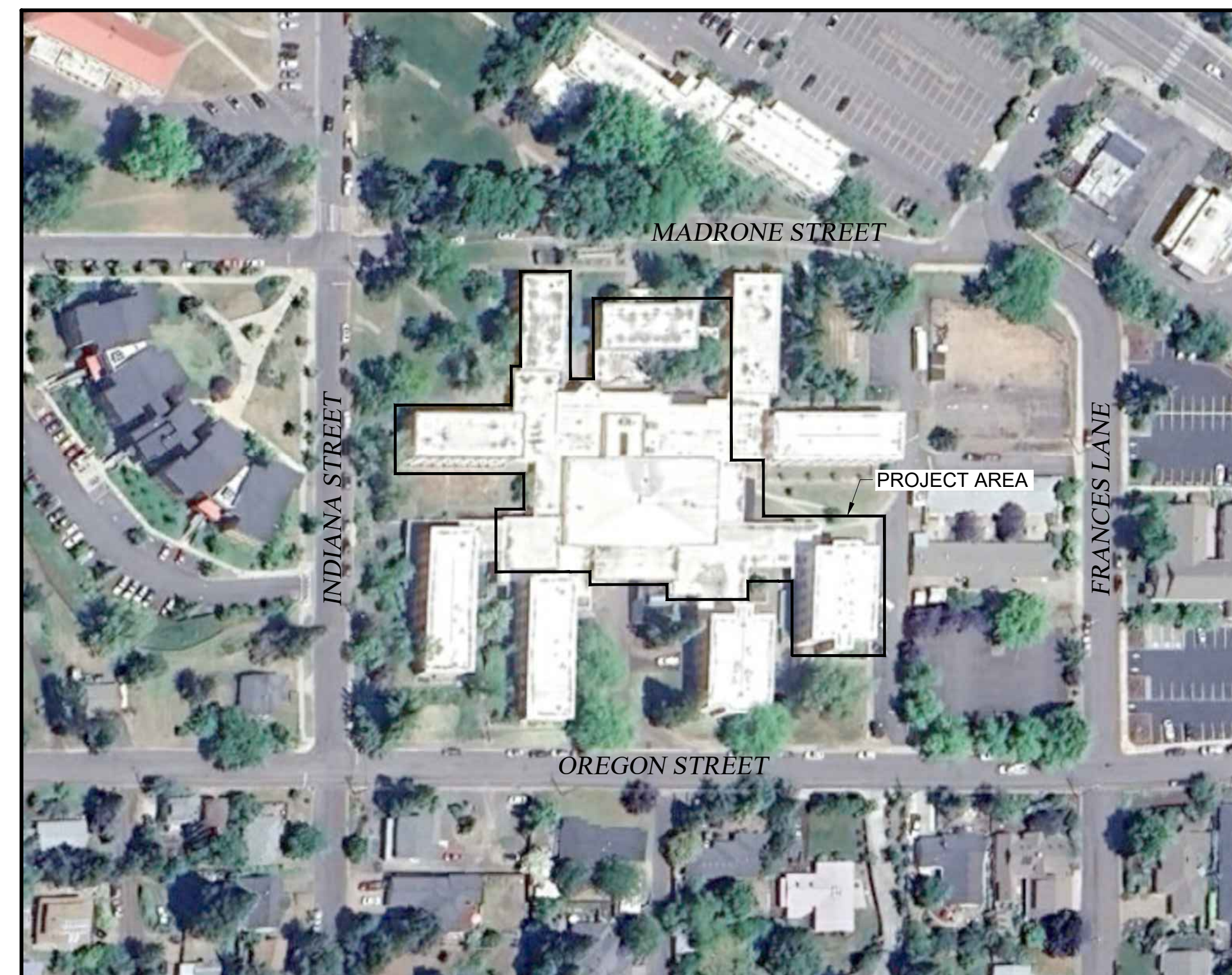
PBS Engineering and Environmental LLC  
3500 Chad Drive, Suite 100  
Eugene, OR 97408  
541.686.8694  
pbsusa.com



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



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



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

GENERAL INFORMATION		
<b>SITE REPRESENTATIVE #1:</b> LEON CROUCH FACILITIES MANAGEMENT AND PLANNING DIRECTOR SOUTHERN OREGON UNIVERSITY 351 WALKER AVENUE ASHLAND, OREGON 97520 PHONE: 541.552.6231 EMAIL: <a href="mailto:CROUCHL@SOU.EDU">CROUCHL@SOU.EDU</a>	<b>SITE REPRESENTATIVE #2:</b> JAMES MCNAMARA PROJECT MANAGEMENT AND PLANNING 351 WALKER AVENUE ASHLAND, OREGON 97520 PHONE: 541.552.6231 EMAIL: <a href="mailto:MCNAMARAJ@SOU.EDU">MCNAMARAJ@SOU.EDU</a>	<b>CONSULTANT:</b> JEFF HEEREN PBS ENGINEERING AND ENVIRONMENTAL, LLC 3500 CHAD DRIVE, SUITE 100 EUGENE, OREGON 97408 PH: 541.686.0955 CELL: 541.844.5538 E-MAIL: <a href="mailto:Jeff.Heeren@pbsusa.com">Jeff.Heeren@pbsusa.com</a>

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NO	REVISION	DATE	BY	APPD

DRAWN BY JAB
CHECKED: JH
DATE: SEPTEMBER 2024
PROJECT NUMBER: 52611.001 0002 003
SHEET DRAWING NO: <b>C1</b>

Filename: L:\Projects\52611\_SOU\_2020-2023\52611\_001\_Cascade\_HallDesignPhase\_0002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_0002\_003\_C1.dwg User: James Blanco Layout Tab: 11X17 CAD Plot Date/Time: 9/24/2024 12:53:51 PM

**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 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 SPECIFIC ITEMS TO BE SAVED AND PROTECTED PRIOR TO THE START OF ABATEMENT AND DEMOLITION WORK.
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- COORDINATE DISCONNECTION AND DE-ENERGIZING OF ALL OPERATIONAL COMPONENTS WITH OWNER PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

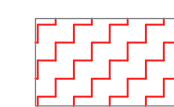
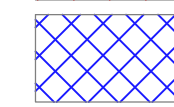
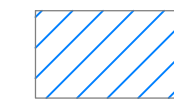
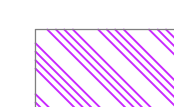
**ABATEMENT NOTES**

- REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE THIRD 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.
- 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.
- 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.
- ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
- 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.


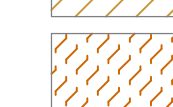


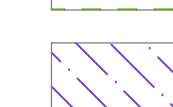




**KEY NOTES (THIS SHEET)**

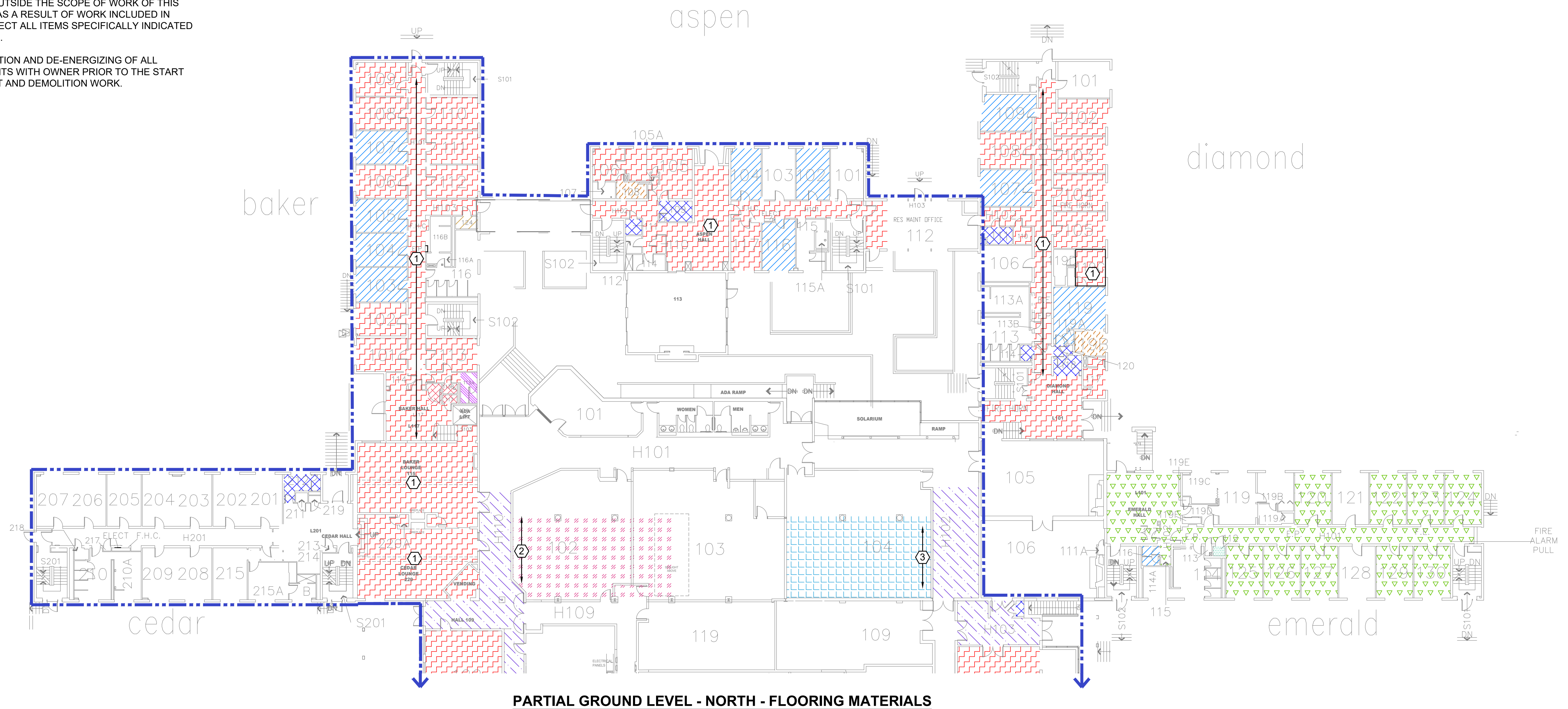
- ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC CONCEALED UNDER TWO LAYERS OF NON-ASBESTOS CARPET AND MASTIC IN THESE AREAS (THROUGHOUT).
- REMNANT ASBESTOS-CONTAINING FLOOR TILE MASTIC CONCEALED UNDER SHEET FLOORING AND UNDERLAYMENT.
- REMNANT ASBESTOS-CONTAINING FLOOR TILE MASTIC CONCEALED UNDER GYPCRETE LEVELER.

**LEGEND**

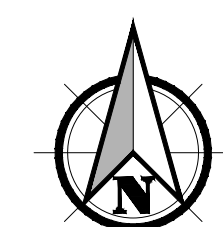
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
-  REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH CARPET
-  NON-ASBESTOS-CONTAINING SHEET FLOOR COVERING OVER NON-ASBESTOS VINYL FLOOR TILE WITH ASBESTOS-CONTAINING MASTIC

**LEGEND (CONTINUED)**

-  REMNANT ASBESTOS-CONTAINING FLOOR TILE MASTIC ON CONCRETE
-  ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS SHEET FLOOR COVERING
-  NON-ASBESTOS VINYL FLOOR WITH ASBESTOS-CONTAINING MASTIC, EXPOSED
-  NON-ASBESTOS VINYL FLOOR TILE WITH ASBESTOS-CONTAINING MASTIC CONCEALED BENEATH CARPET
-  REMNANT ASBESTOS-CONTAINING FLOOR TILE MASTIC CONCEALED UNDER VINYL COMPOSITION TILE AND LEVELING COMPOUND/GYPCRETE
-  REMNANT ASBESTOS-CONTAINING FLOOR TILE MASTIC CONCEALED UNDER QUARRY TILE AND LEVELING COMPOUND
-  REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH NON-ASBESTOS SHEET FLOOR COVERING
-  EXPOSED REMNANT ASBESTOS-CONTAINING FLOOR TILE MASTIC
-  SCOPE OF WORK BOUNDARY



**PARTIAL GROUND LEVEL - NORTH - FLOORING MATERIALS**



SCALE: 1" = 16'



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_0002_003
SHEET DRAWING NO:	<b>HA1.1</b>



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 Layout Tab: HS1.2  
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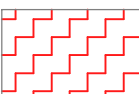




**ABATEMENT NOTES**

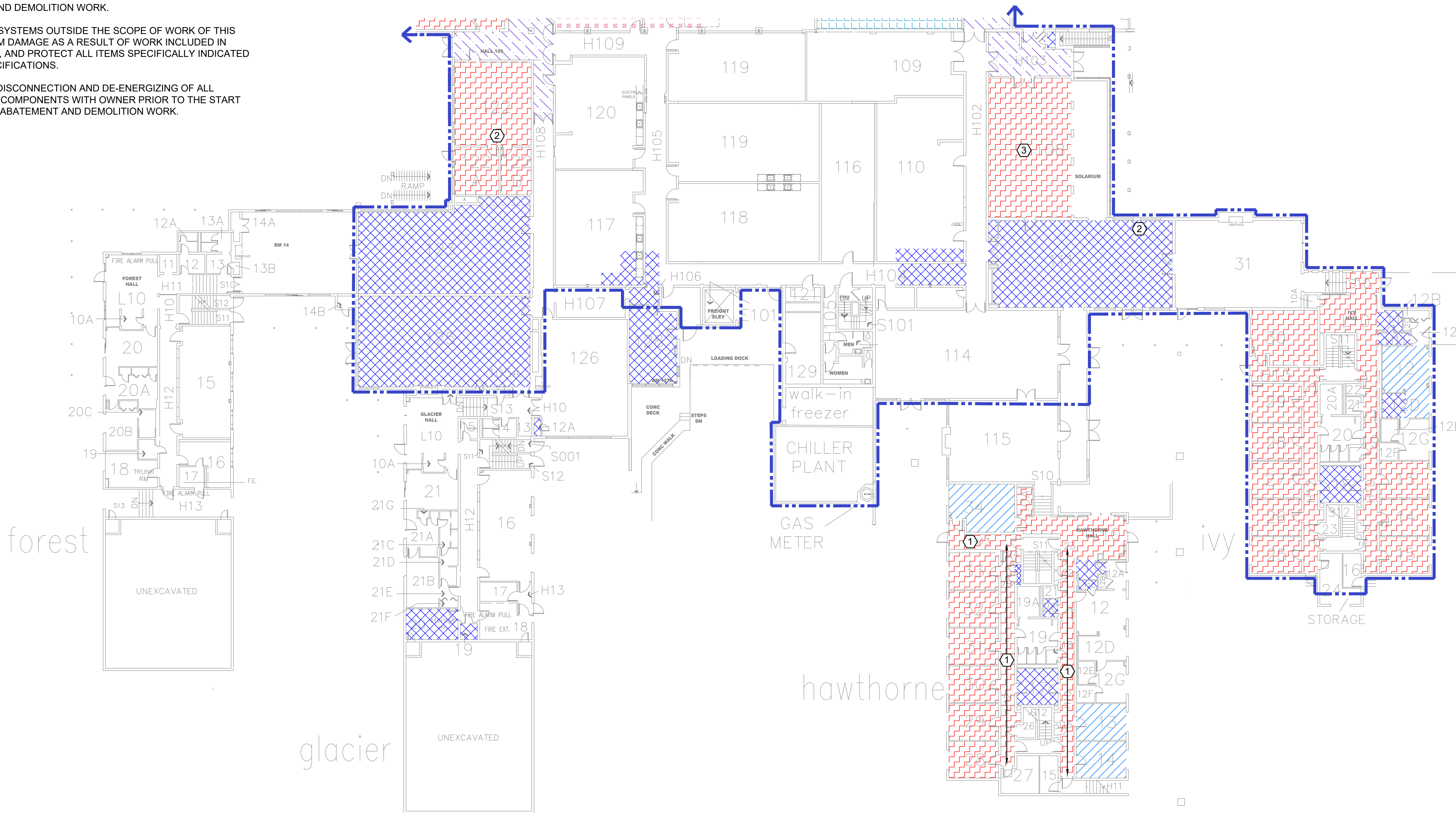
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**KEY NOTES (THIS SHEET)**

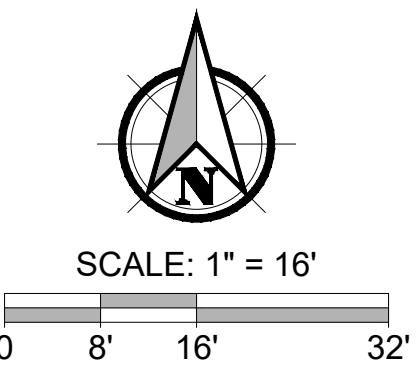
- ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC CONCEALED UNDER TWO LAYERS OF NON-ASBESTOS CARPET AND MASTIC IN THESE AREAS (THROUGHOUT).
- ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC LIKELY PRESENT UNDERNEATH ADDED WALLS IN THIS AREA.
- FLOORING MATERIALS CONCEALED UNDER RAISED PLATFORM.

**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
-  SCOPE OF WORK BOUNDARY



**PARTIAL GROUND LEVEL - SOUTH - FLOORING MATERIALS**



NO.	REVISION	DATE	BY	APPD.

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001 0002 003
SHEET DRAWING NO:	HA1.2











**GENERAL NOTES**

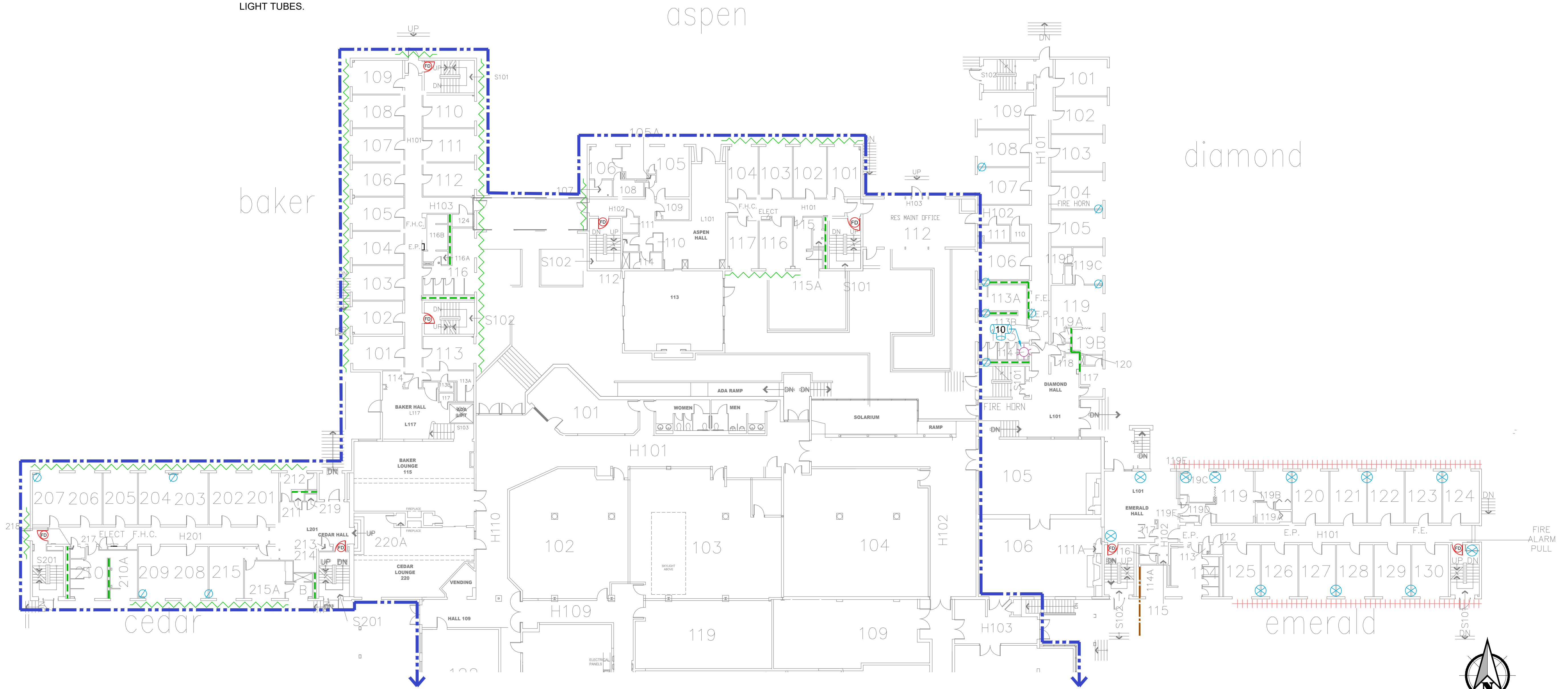
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**ABATEMENT NOTES**

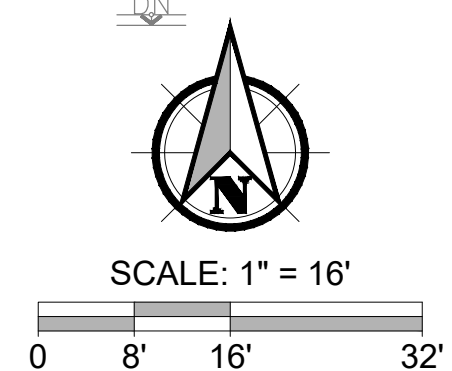
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- THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE THIRD WORK PACKAGE WORK AREAS. AREAS WITH VERIFIED ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION ARE INDICATED ON THE 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.
- 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.
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- 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.

**LEGEND**

-  HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS-CONTAINING MECHANICAL ISOLATION CLOTH
-  ASBESTOS-CONTAINING PIPE INSULATION STRAIGHT RUNS AND HARD FITTINGS
-  FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
-  RISER WITH ASBESTOS-CONTAINING PIPE INSULATION
-  RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
-  ASBESTOS-CONTAINING HARD FITTINGS
-  SUSPECT ASBESTOS-CONTAINING FIRE DOOR
-  WINDOW'S WITH ASBESTOS-CONTAINING GLAZING COMPOUND (MATERIAL TO REMAIN - NOT PART OF WORK PACKAGE)
-  WINDOW'S WITH ASBESTOS-CONTAINING FRAME SEALANT
-  SCOPE OF WORK BOUNDARY



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



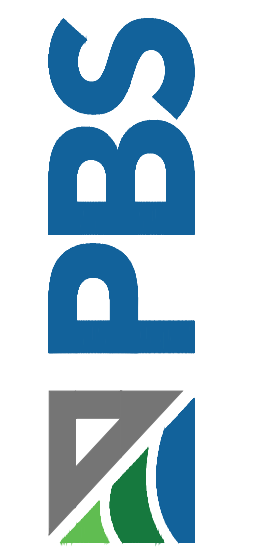
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 Layout Tab: HA1.4  
 CAD Plot Date/Time: 9/24/2024 1:08:23 PM

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.

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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

PBS Engineering and Environmental Inc.  
 3500 Chad Drive, Suite 100  
 Eugene, OR 97408  
 541.686.8694  
 pbusa.com



NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_0002_003
SHEET DRAWING NO:	<b>HA1.4</b>

**GENERAL NOTES**

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**ABATEMENT NOTES**

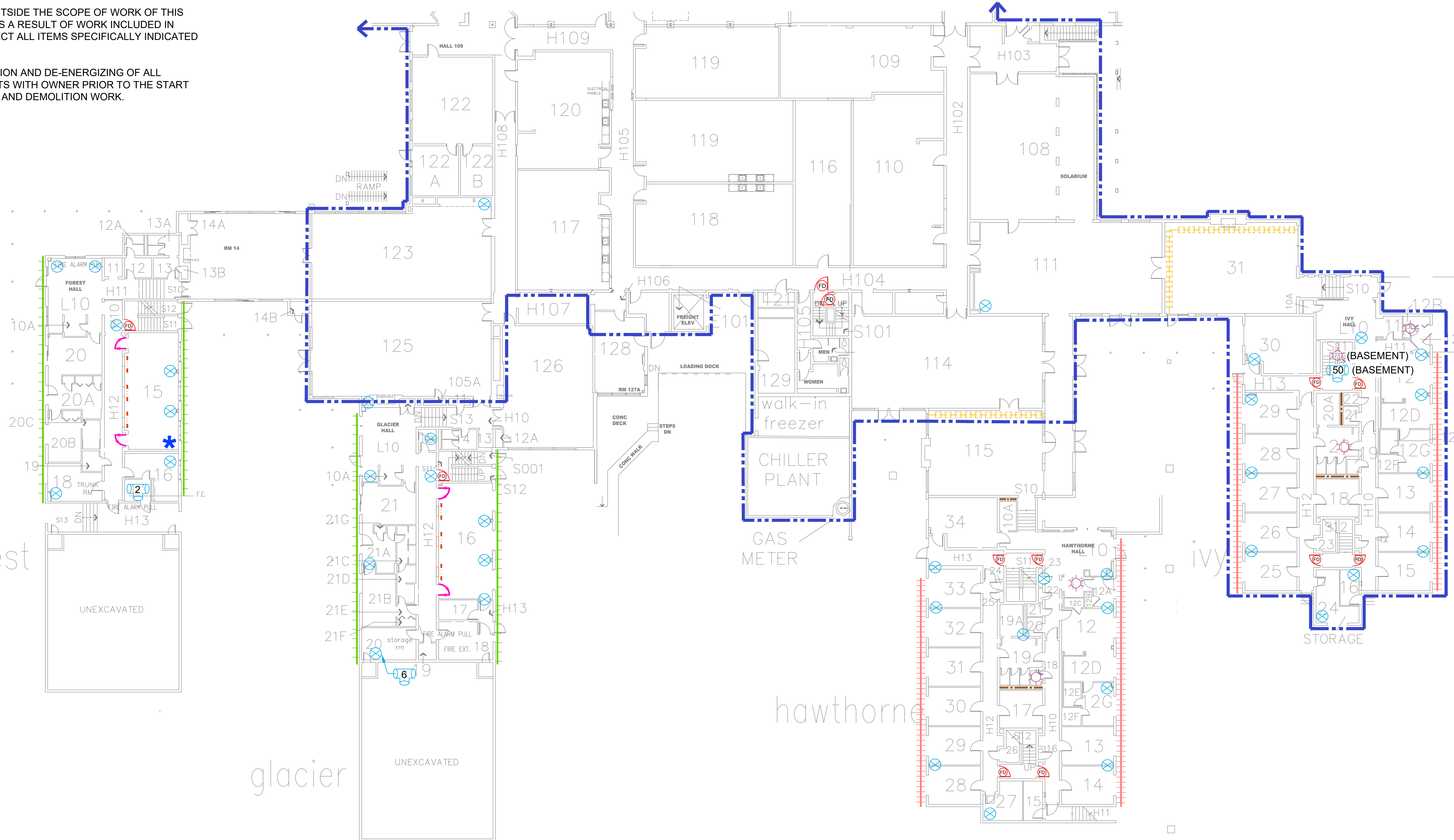
1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE THIRD WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES NOT SHOW ALL ASBESTOS-CONTAINING MATERIALS TO BE REMOVED. REFER TO THE ABATEMENT NOTES AND SUMMARY 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 THIRD 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**

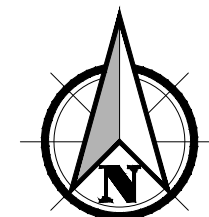
- (Symbol: Sun-like) HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS -CONTAINING MECHANICAL ISOLATION CLOTH
- (Symbol: Dashed line) FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- (Symbol: Circle with cross) RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- (Symbol: Circle with #) ASBESTOS-CONTAINING HARD FITTINGS
- (Symbol: Circle with FD) SUSPECT ASBESTOS-CONTAINING FIRE DOOR
- (Symbol: Pink arc) DOORFRAME WITH ASBESTOS-CONTAINING SEALANT
- (Symbol: Red dashed line) WINDOW'S WITH ASBESTOS-CONTAINING FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF WORK PACKAGE)
- (Symbol: Green dashed line) WINDOW'S WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT
- (Symbol: Blue dashed line) GLASS BLOCK WINDOW ASSEMBLIES WITH ASBESTOS-CONTAINING SEALANT

**LEGEND (CONTINUED)**

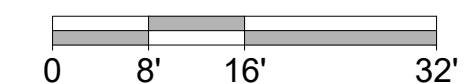
- (Symbol: Yellow dashed line) ASBESTOS-CONTAINING MASTIC ON PLYWOOD WALL COVERING
- (Symbol: Blue star) ASBESTOS-CONTAINING SINK UNDERCOATING
- (Symbol: Blue dashed box) SCOPE OF WORK BOUNDARY



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



SCALE: 1" = 16'



Filename: L:\Projects\52000\52600-52699\52611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_0002\_003\_HA1.5.dwg  
 User: James Blanco  
 Layout Tab: HS1.5  
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**HAZARDOUS MATERIAL ABATEMENT - THIRD WORK PACKAGE**  
**CASCADE HALL - SOUTHERN OREGON UNIVERSITY**  
 1450 MADRONE STREET, ASHLAND, OREGON

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001 0002 003
SHEET DRAWING NO:	HA1.5

PBS Engineering and Environmental Inc.  
 3500 Chad Drive, Suite 100  
 Eugene, OR 97408  
 541.686.8694  
 pbseia.com

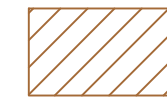


**GENERAL NOTES**

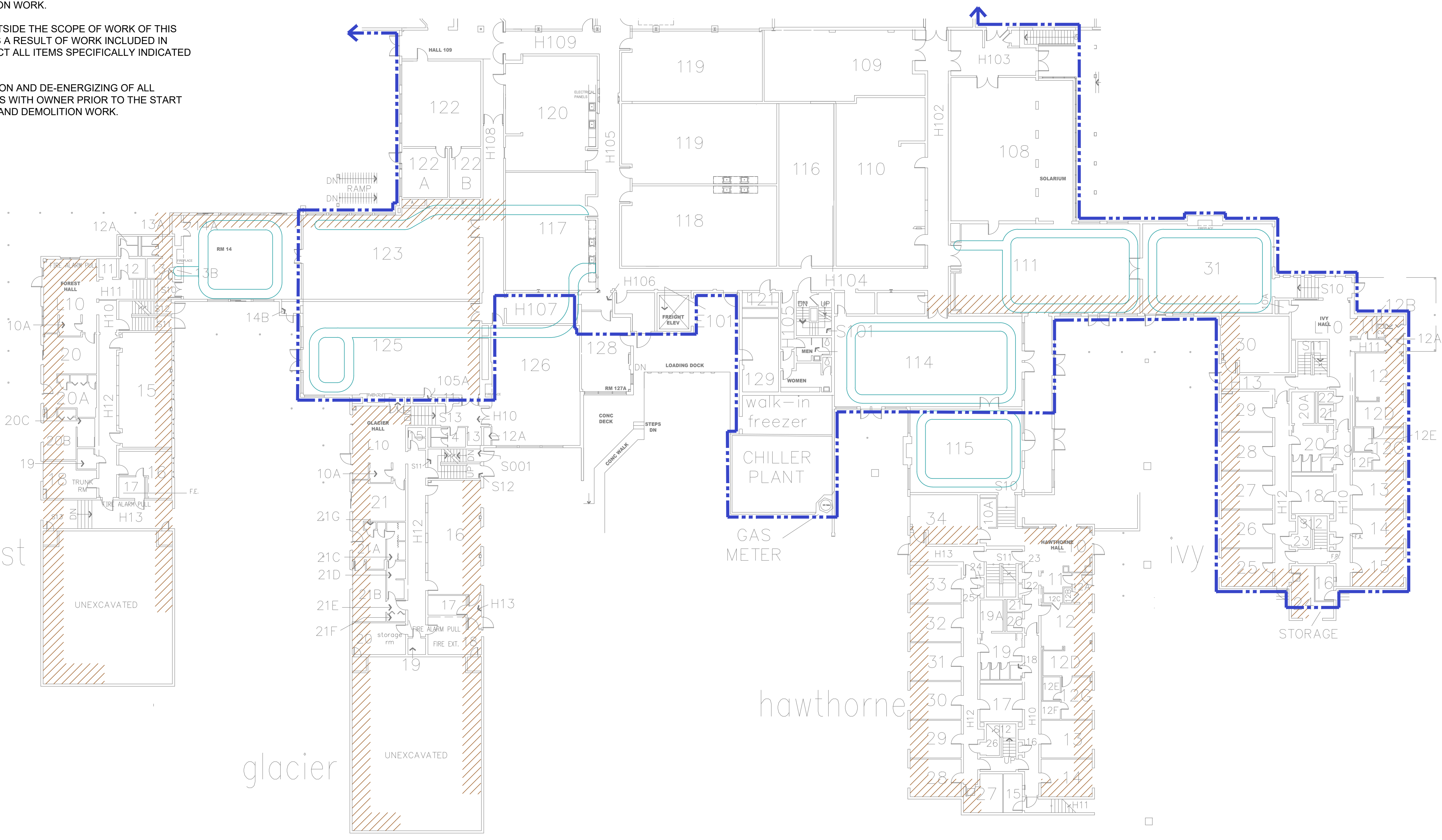
- THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
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- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER INCLUDING BUT NOT LIMITED TO SCHEDULING, ACCESS, SECURITY, STAGING, PROTECT AND SAVE ITEMS, SALVAGE, LOCKOUT/TAGOUT, AND DEMOLITION ACTIVITIES.
- 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 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 PRIOR TO THE START OF ASBESTOS ABATEMENT AND DEMOLITION WORK.

**ABATEMENT NOTES**

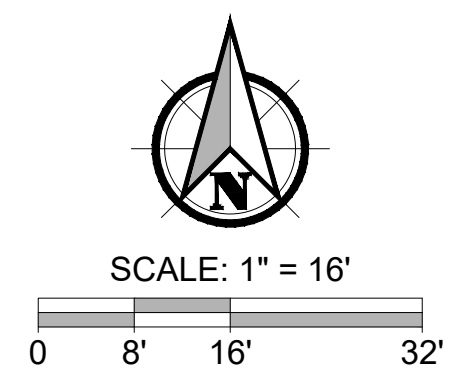
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- THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION, AND ALL ASSOCIATED DEBRIS THROUGHOUT UTILITY TUNNELS WITHIN THE DESIGNATED WORK PACKAGE WORK AREAS. CONTRACTOR SHALL CLEAN ALL PIPE PENETRATIONS THROUGH TUNNEL WALLS AND LIDS AND REMOVE ANY PACKING MATERIALS ENCOUNTERED.
- ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
- 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.

**LEGEND**

-  ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION ON FIBERGLASS STRAIGHT RUNS
-  SCOPE OF WORK BOUNDARY
-  CEMENT ASBESTOS DUCTING (MATERIAL TO REMAIN - NOT PART OF WORK PACKAGE)



**PARTIAL FOUNDATION - SOUTH**



File name: L:\Projects\52611.001\_SOU\_2020-2023\52611.001\_Cascade\_Hall\DesignPhase\_0002\_Task\_003\_Third\_Work\_Package\DWG\52611.001\_0002\_003\_HA1.6.dwg User: James Blanco CAD Plot Date/Time: 9/24/2024 1:12:34 PM

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001 0002 003
SHEET DRAWING NO:	<b>HA1.6</b>

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.

**GENERAL NOTES**

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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 THIRD 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**

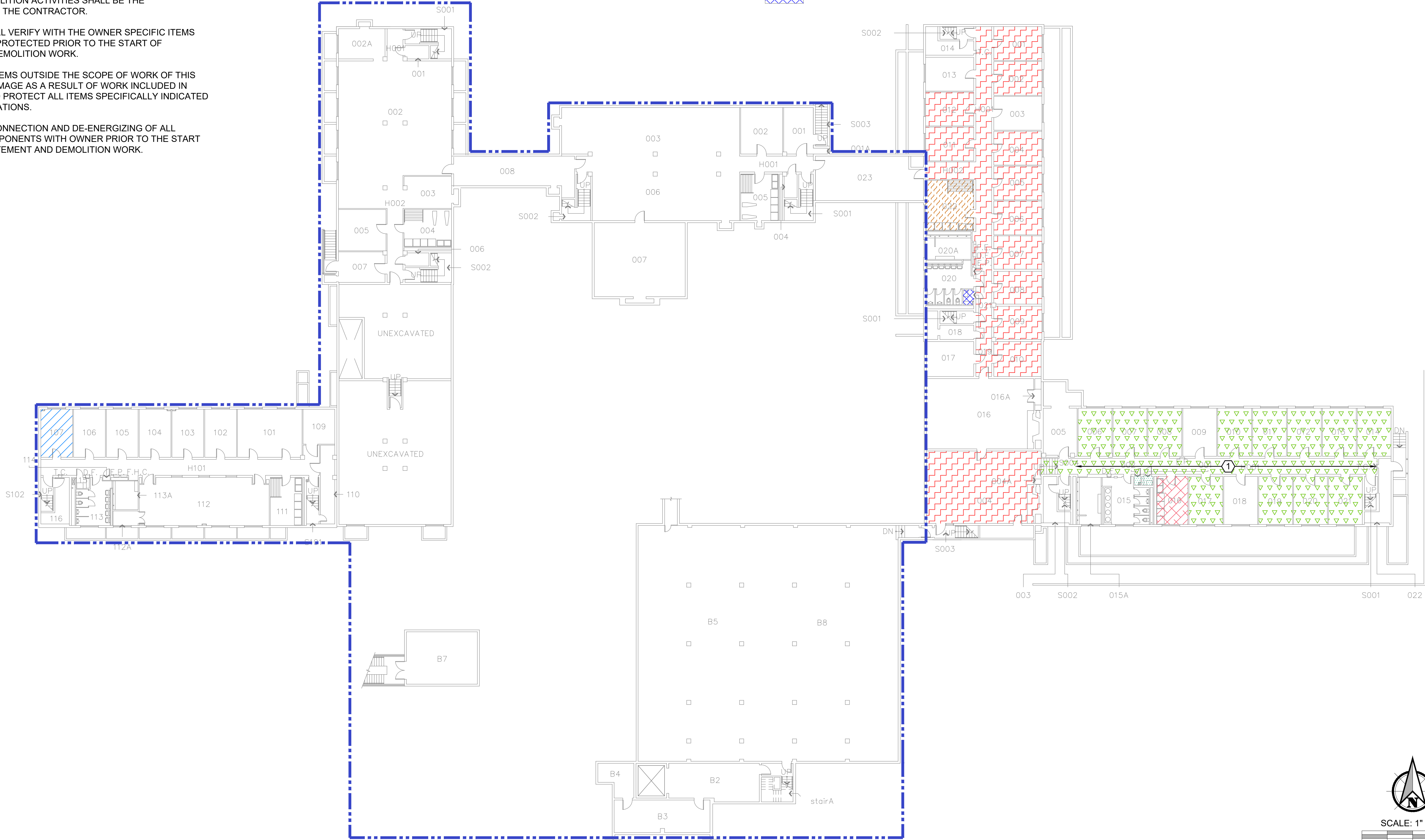
- ① ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC CONCEALED UNDER TWO LAYERS OF NON-ASBESTOS CARPET AND MASTIC IN THESE AREAS (THROUGHOUT).

**LEGEND**

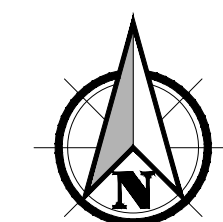
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
- REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH NON-ASBESTOS SHEET FLOOR COVERING
- NON-ASBESTOS VINYL FLOOR TILE WITH ASBESTOS-CONTAINING MASTIC CONCEALED BENEATH CARPET
- REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH CARPET
- NON-ASBESTOS VINYL FLOOR WITH ASBESTOS-CONTAINING MASTIC, EXPOSED
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC

**LEGEND (CONTINUED)**

- ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS SHEET FLOOR COVERING
- SCOPE OF WORK BOUNDARY



**BASEMENT - FLOORING MATERIALS**



SCALE: 1" = 16'



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

Filename: L:\Projects\52000\52600-52699\52611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_0002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_0002\_003\_HA2.1.dwg  
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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.

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

NO	REVISION	DATE	BY	APPD

DRAWN BY JAB
CHECKED: JH
DATE: SEPTEMBER 2024
PROJECT NUMBER: 52611.001_0002_003
SHEET DRAWING NO: <b>HA2.1</b>

**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.
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**ABATEMENT NOTES**

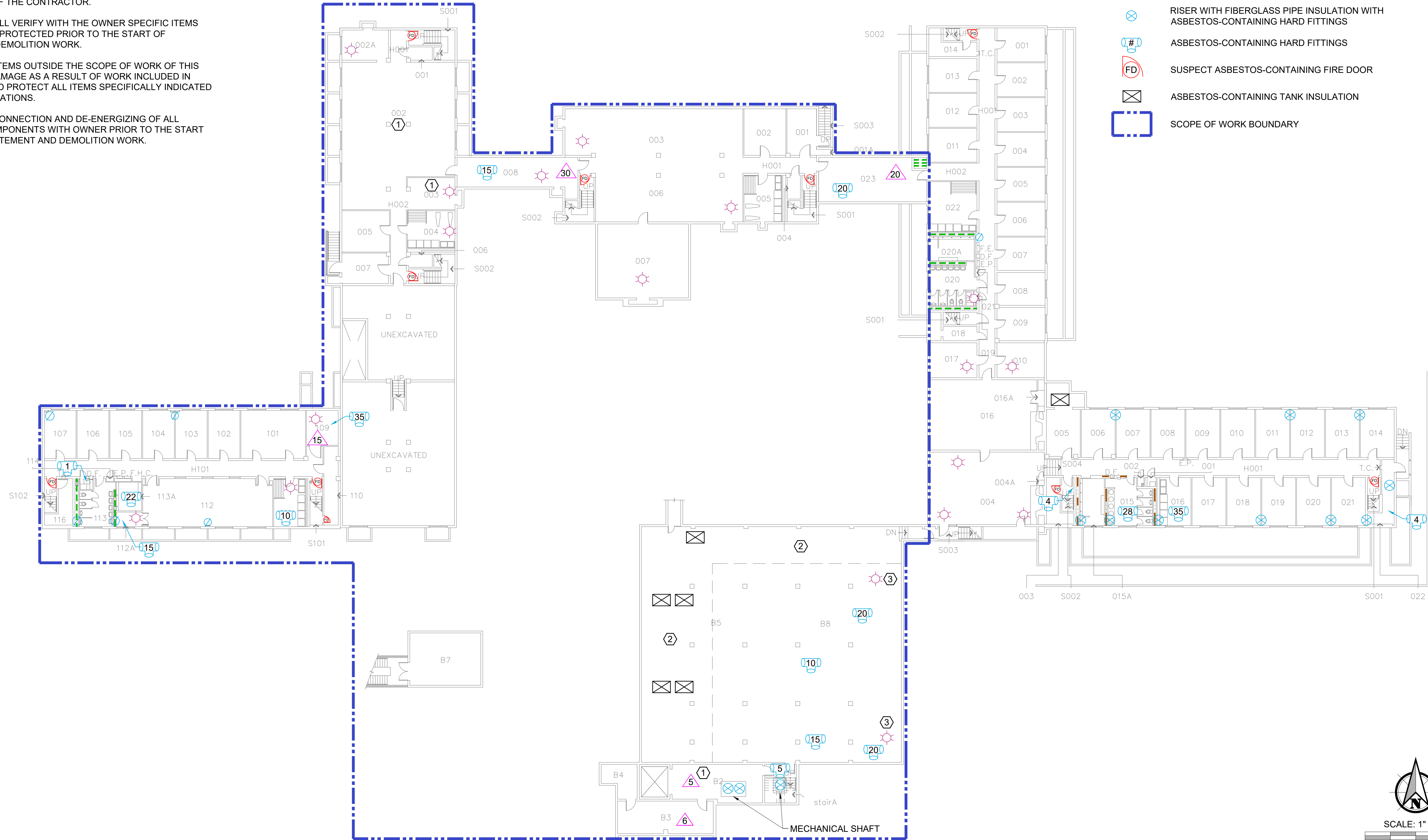
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- THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE THIRD WORK PACKAGE WORK AREAS. AREAS WITH VERIFIED ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION ARE INDICATED ON THE 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.
- 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.
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**KEY NOTES**

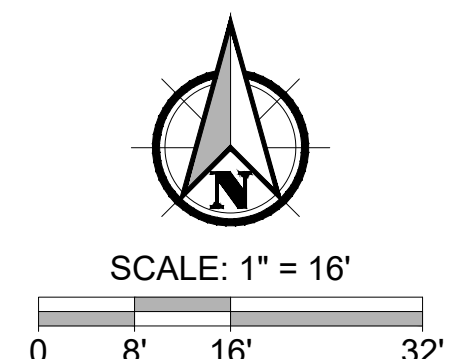
- ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT ROOM.
- ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION AND FLANGE GASKETS THROUGHOUT BASEMENT MECHANICAL SPACES.
- ASBESTOS-CONTAINING DUCT PUTTY AT HVAC UNITS.

**LEGEND**

- HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS -CONTAINING MECHANICAL ISOLATION CLOTH
- PRESUMED ASBESTOS-CONTAINING FLANGE GASKETS
- ASBESTOS-CONTAINING PIPE INSULATION STRAIGHT RUNS AND HARD FITTINGS
- FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- RISER WITH ASBESTOS-CONTAINING PIPE INSULATION
- RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- ASBESTOS-CONTAINING HARD FITTINGS
- SUSPECT ASBESTOS-CONTAINING FIRE DOOR
- ASBESTOS-CONTAINING TANK INSULATION
- SCOPE OF WORK BOUNDARY



**BASEMENT - MISCELLANEOUS AND THERMAL SYSTEM INSULATION**



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

File name: L:\Projects\52000\52600-52699\52611\_SOU\_2020-2023\52611.001\_Cascade\_Hall\DesignPhase\_002\_Task\_003\_Third\_Work\_Package\DWG\52611.001\_002\_003\_HA2.2.dwg User: James Blanco Layout Tab: 11X17 CAD Plot Date/Time: 9/24/2024 1:16:40 PM



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

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001 002 003
SHEET DRAWING NO:	<b>HA2.2</b>
SHEET	<b>8</b> OF <b>19</b>

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.



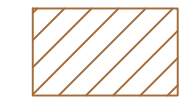


**GENERAL NOTES**

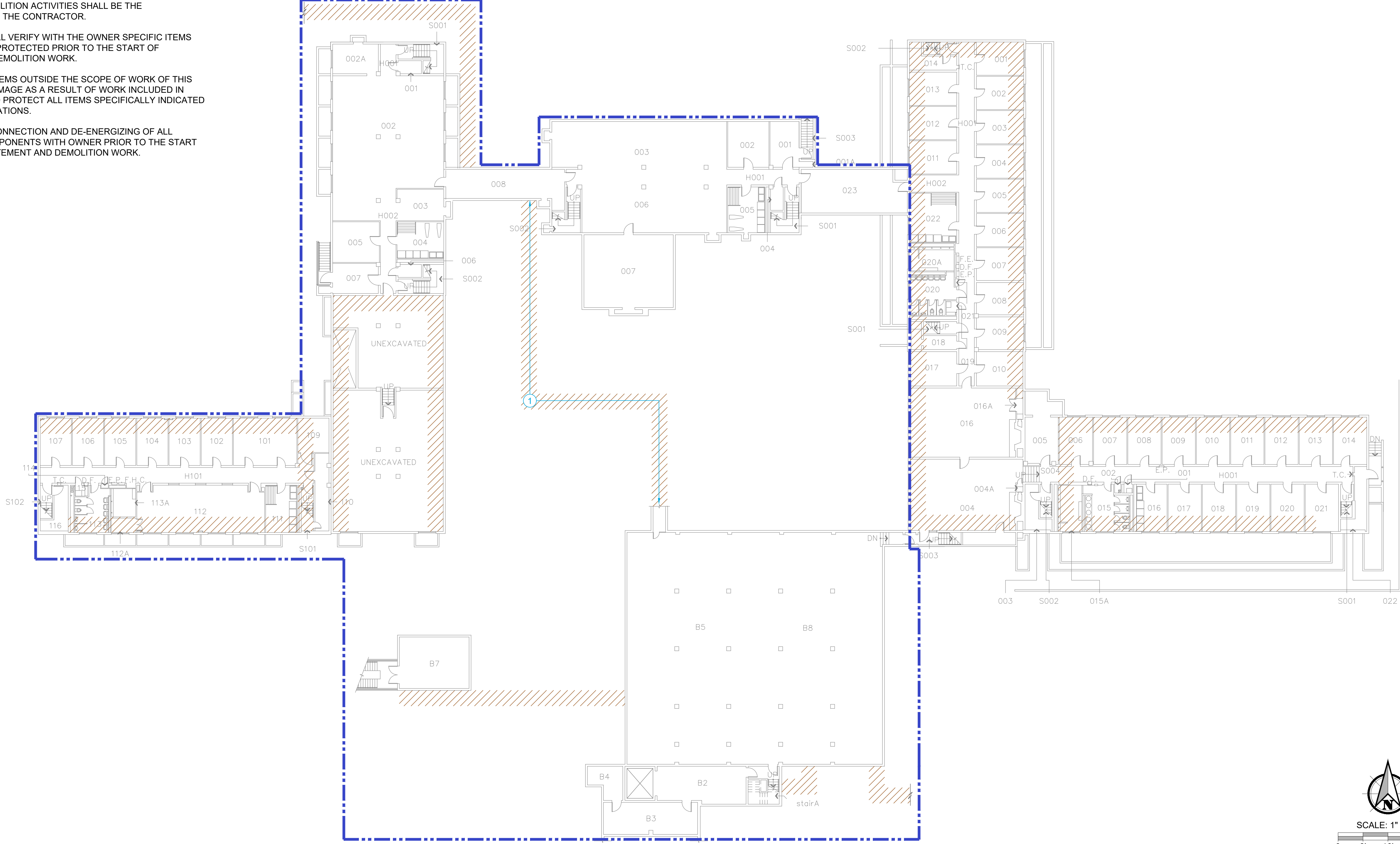
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**ABATEMENT NOTES**

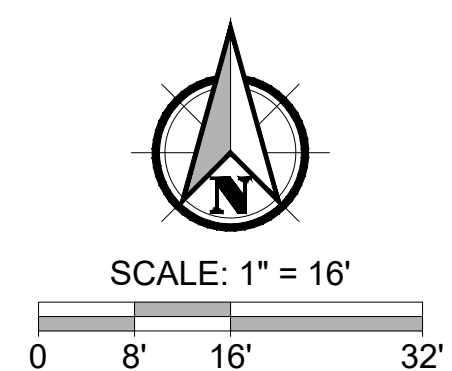
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5. CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.

**LEGEND**

-  ASBESTOS-CONTAINING PIPE INSULATION AND PIPE FITTING INSULATION ON FIBERGLASS STRAIGHT RUNS
-  SCOPE OF WORK BOUNDARY
-  REMNANT ASBESTOS-CONTAINING PIPE INSULATION PRESENT AT PIPE HANGERS IN THIS AREA



**PARTIAL FOUNDATION - NORTH**



Filename: L:\Projects\52611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_002\_003\_HA2.3.dwg User: James Blanco Layout Tab: 11X17 CAD Plot Date/Time: 9/24/2024 4:36:17 PM

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.

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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



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

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_002_003
SHEET DRAWING NO:	<b>HA2.3</b>
SHEET	9 OF 19



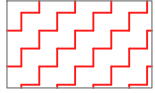



**GENERAL NOTES**

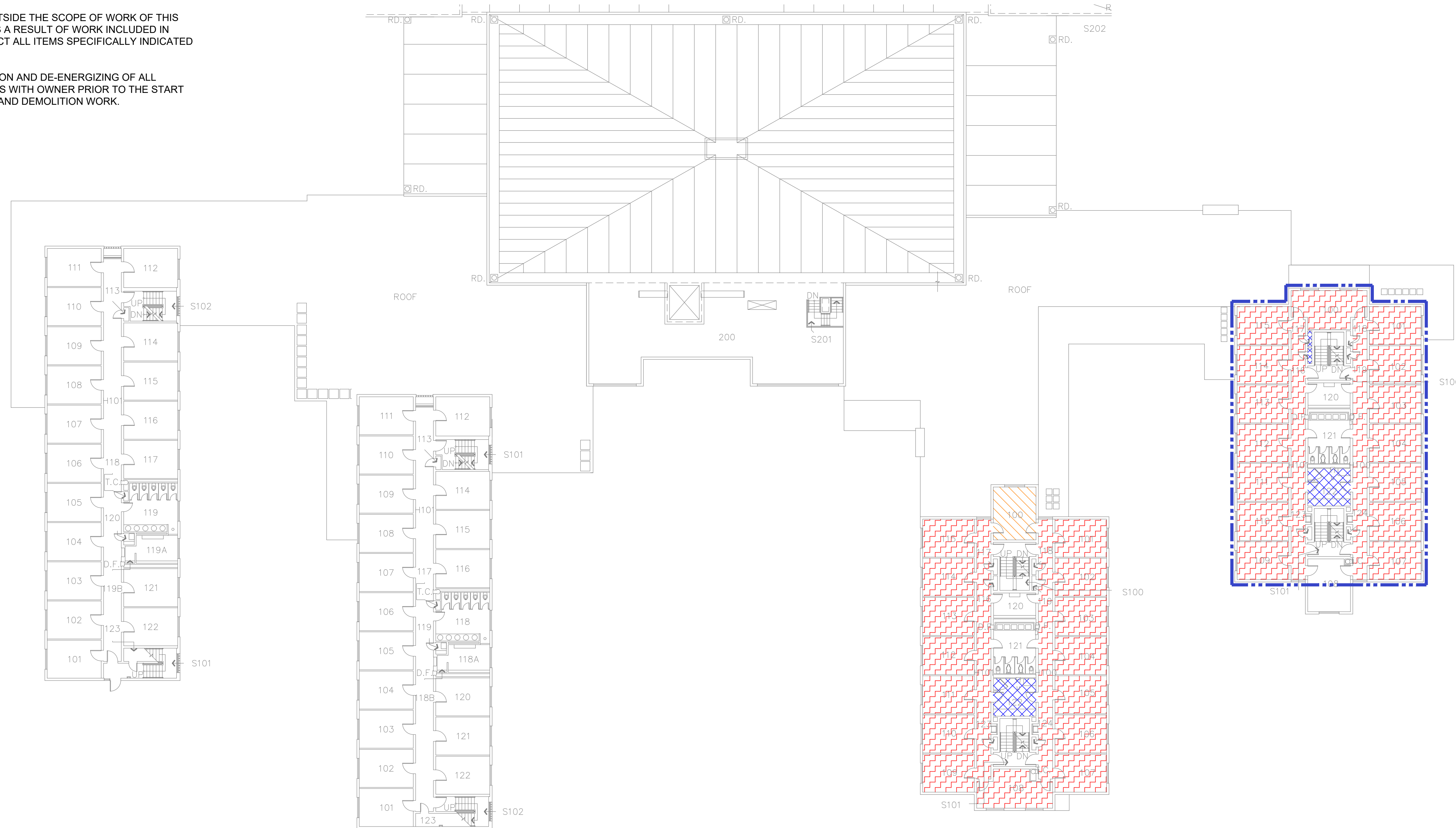
1. THIS DRAWING IS DIAGRAMMATIC. IT IS FOR GENERAL INFORMATION.
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4. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNER INCLUDING BUT NOT LIMITED TO SCHEDULING, ACCESS, SECURITY, STAGING, PROTECT AND SAVE ITEMS, SALVAGE, LOCKOUT/TAGOUT, AND DEMOLITION 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**

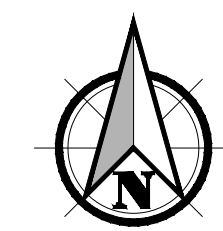
1. REMOVE AND DISPOSE OF ALL ASBESTOS-CONTAINING MATERIALS WITHIN THE BOUNDARIES OF THE THIRD WORK PACKAGE AS IDENTIFIED ON THE ABATEMENT DRAWINGS AND IN THE SECTION 01 11 00 SUMMARY OF WORK. DRAWING DOES NOT SHOW ALL ASBESTOS-CONTAINING MATERIALS TO BE REMOVED. REFER TO THE ABATEMENT NOTES AND SUMMARY OF WORK SECTION 01 11 00 FOR ADDITIONAL DETAILS AND TASKS INCLUDED IN THE PROJECT SCOPE OF WORK.
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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.
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6. CONTRACTOR SHALL CAPTURE ALL WATER USED DURING ASBESTOS ABATEMENT AND FILTER PRIOR TO DISCHARGE INTO MUNICIPAL WATER SYSTEM.

**LEGEND**

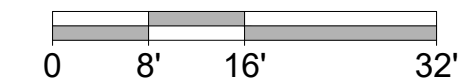
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
-  REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH VINYL PLANK FLOORING
-  SCOPE OF WORK BOUNDARY



**PARTIAL SECOND LEVEL - SOUTH - FLOORING MATERIALS**



SCALE: 1" = 16'



Filename: L:\Projects\52611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_0002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_002\_003\_HA3.1-3.2.dwg  
 User: James Blanco  
 Layout Tab: HS3.2  
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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.

NO	REVISION	DATE	BY	APPD

DRAWN BY JAB
CHECKED: JH
DATE: SEPTEMBER 2024
PROJECT NUMBER: 52611.001_002_003
SHEET DRAWING NO: <b>HA3.2</b>
SHEET <b>11</b> OF <b>19</b>

**GENERAL NOTES**

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**ABATEMENT NOTES**

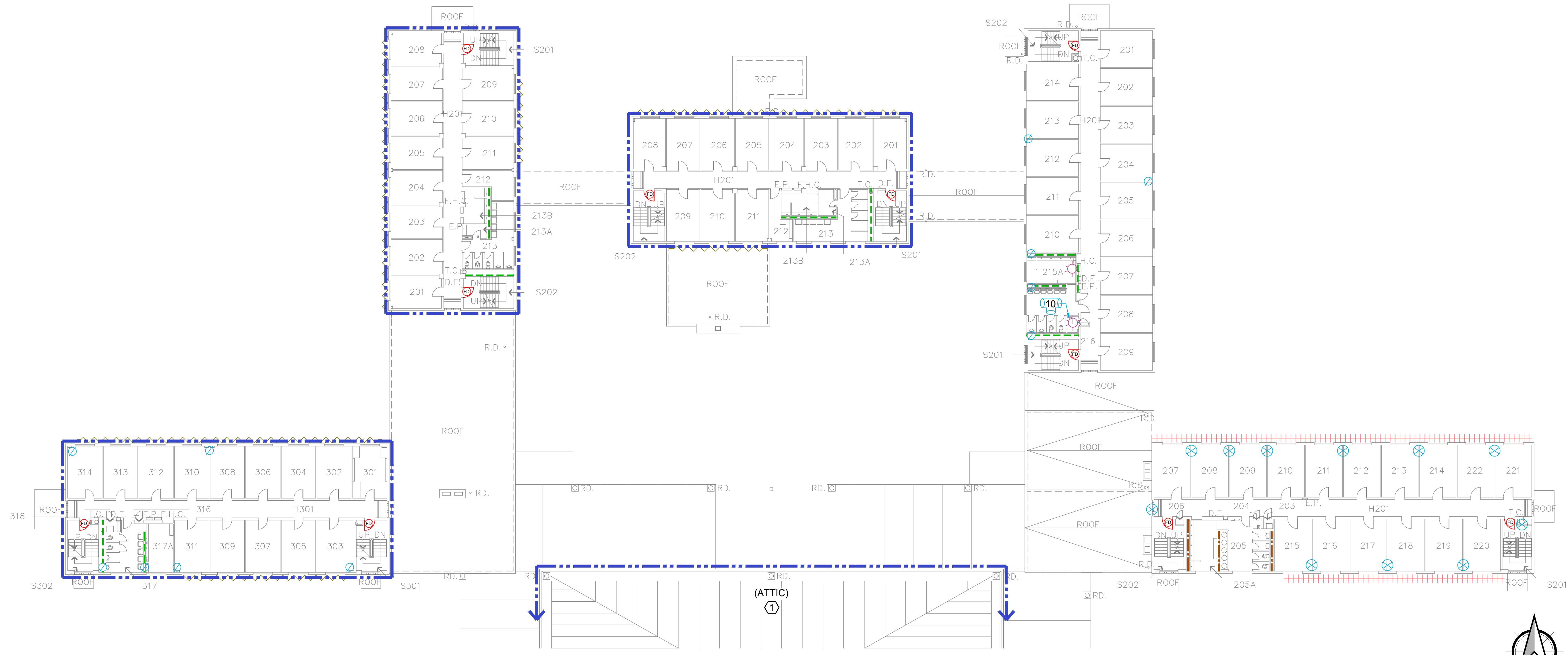
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3. THE SCOPE OF WORK INCLUDES REMOVAL AND DISPOSAL OF ALL ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION THROUGHOUT THE THIRD WORK PACKAGE WORK AREAS. AREAS WITH VERIFIED ASBESTOS-CONTAINING PIPE AND PIPE FITTING INSULATION ARE INDICATED ON THE 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.
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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.

**KEY NOTES**

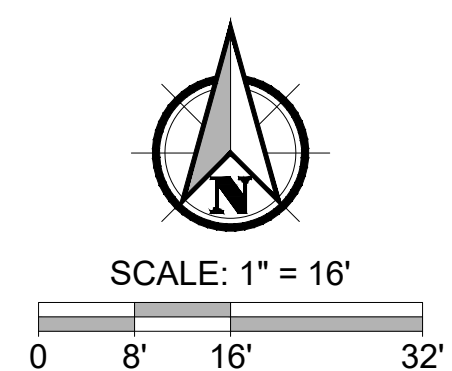
- 1 ASBESTOS-CONTAINING DUCT SEAM SEALANT (BLACK) IN ATTIC SPACES.

**LEGEND**

- HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS-CONTAINING MECHANICAL ISOLATION CLOTH
- ASBESTOS-CONTAINING PIPE INSULATION STRAIGHT RUNS AND HARD FITTINGS
- FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- WINDOW'S WITH ASBESTOS-CONTAINING FRAME SEALANT
- WINDOW'S WITH ASBESTOS-CONTAINING GLAZING COMPOUND (MATERIAL TO REMAIN - NOT PART OF WORK PACKAGE)
- RISER WITH ASBESTOS-CONTAINING PIPE INSULATION
- RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- ASBESTOS-CONTAINING HARD FITTINGS
- SUSPECT ASBESTOS-CONTAINING FIRE DOOR
- SCOPE OF WORK BOUNDARY



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



Filename: L:\Projects\52611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_0002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_0002\_003\_HA3.4.dwg  
 User: James Blanco  
 CAD Plot Date/Time: 9/24/2024 1:25:16 PM  
 Layout Tab: HS3.4

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.

PREPARED FOR: SOUTHERN OREGON UNIVERSITY

PBS Engineering and Environmental Inc.  
 3500 Chad Drive, Suite 100  
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 pbseus.com



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

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_0002_003
SHEET DRAWING NO:	<b>HA3.4</b>
SHEET	12 OF 19

**GENERAL NOTES**

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**ABATEMENT NOTES**

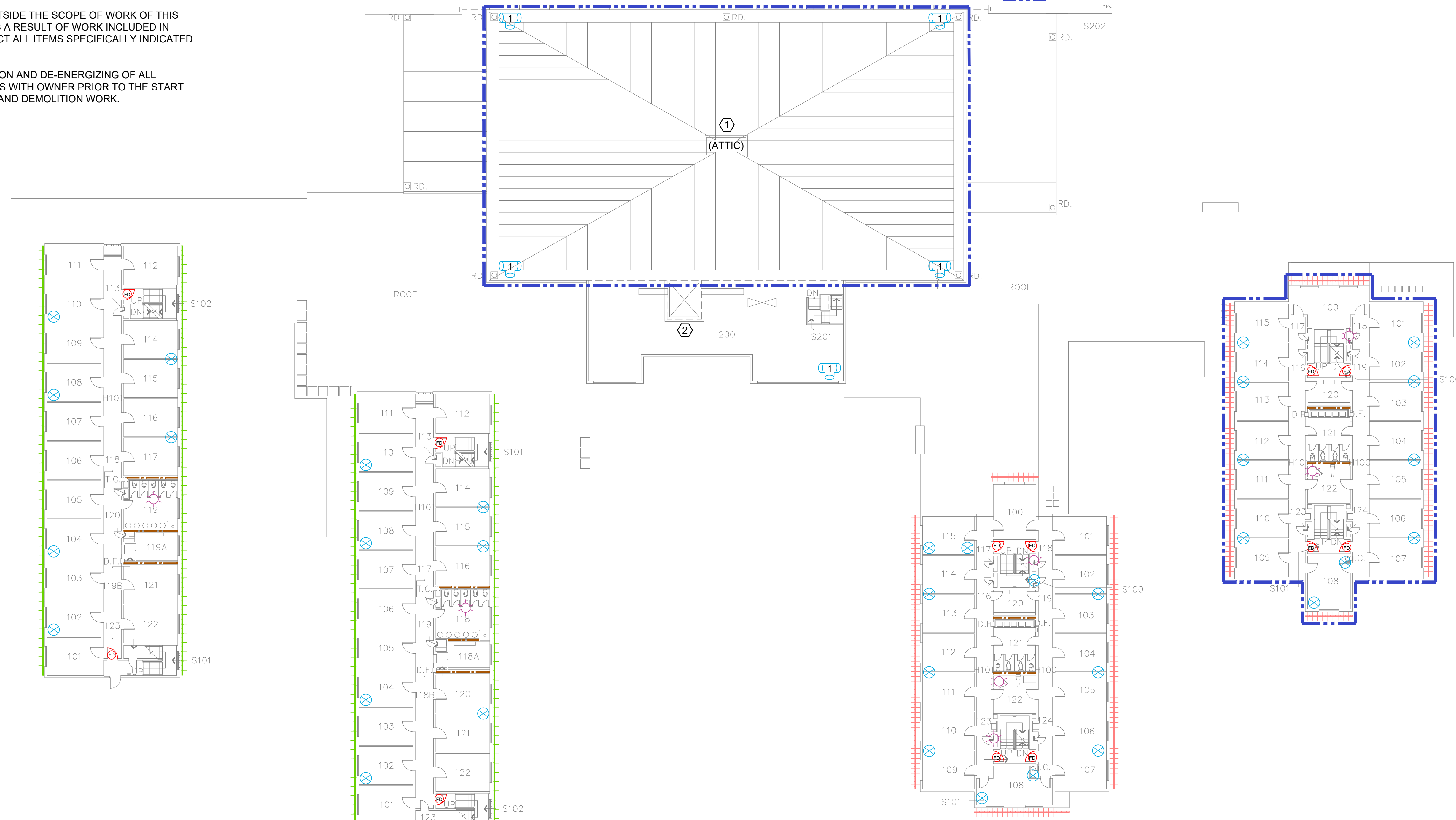
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**KEY NOTES**

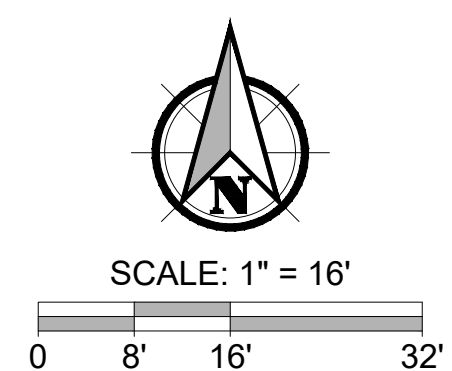
- ASBESTOS-CONTAINING DUCT SEAM SEALANT (BLACK) IN ATTIC SPACES.
- ASBESTOS-CONTAINING AHU SEALANT ON UNIT HV-1.

**LEGEND**

- HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS-CONTAINING MECHANICAL ISOLATION CLOTH
- FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- WINDOWS WITH ASBESTOS-CONTAINING FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF WORK PACKAGE)
- WINDOWS WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT
- RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
- ASBESTOS-CONTAINING HARD FITTINGS
- SUSPECT ASBESTOS-CONTAINING FIRE DOOR
- SCOPE OF WORK BOUNDARY

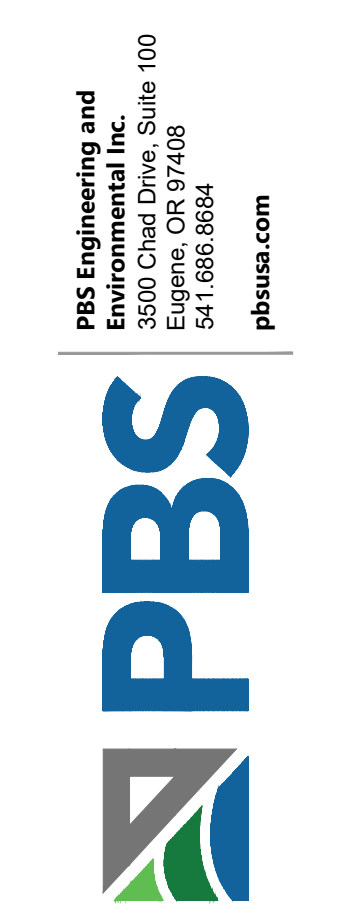


**PARTIAL SECOND LEVEL - SOUTH - MISCELLANEOUS AND THERMAL SYSTEM INSULATION**



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

Filename: L:\Projects\520611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_0002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_0002\_003\_HA3.5.dwg  
 User: James Blanco  
 Layout Tab: 11X17  
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**HAZARDOUS MATERIAL ABATEMENT - THIRD WORK PACKAGE**  
**CASCADE HALL - SOUTHERN OREGON UNIVERSITY**  
 1450 MADRONE STREET, ASHLAND, OREGON

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_0002_003
SHEET DRAWING NO:	<b>HA3.5</b>
SHEET	13 OF 19

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.

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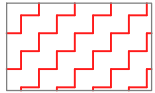

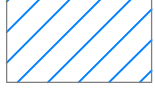




**ABATEMENT NOTES**

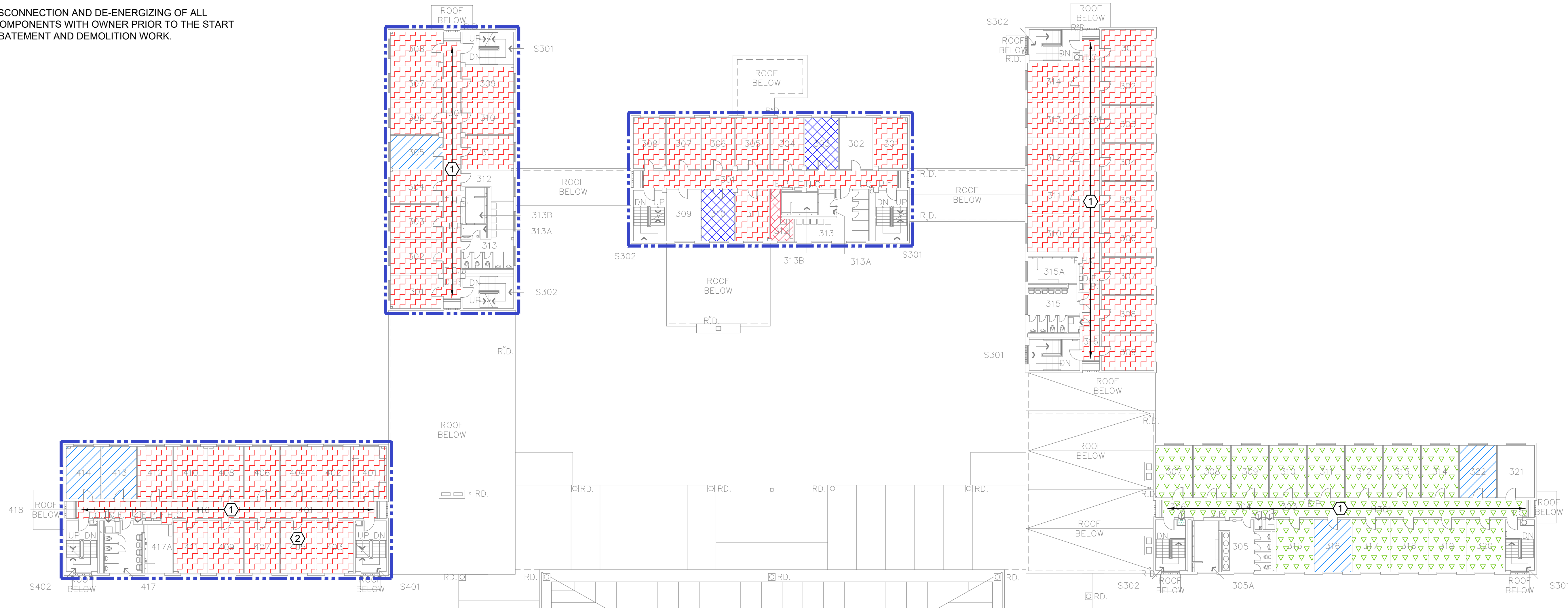
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**KEY NOTES**

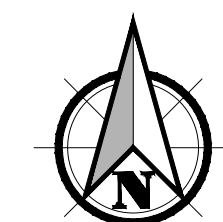
- ① ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC CONCEALED UNDER TWO LAYERS OF NON-ASBESTOS CARPET AND MASTIC IN THESE AREAS.
- ② ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC LIKELY PRESENT UNDERNEATH ADDED WALLS IN THIS AREA (THROUGHOUT).

**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
-  NON-ASBESTOS VINYL FLOOR WITH ASBESTOS-CONTAINING MASTIC, EXPOSED
-  NON-ASBESTOS VINYL FLOOR TILE WITH ASBESTOS-CONTAINING MASTIC CONCEALED BENEATH CARPET
-  REMNANT ASBESTOS-CONTAINING VINYL FLOOR TILE MASTIC CONCEALED BENEATH NON-ASBESTOS SHEET FLOOR COVERING
-  SCOPE OF WORK BOUNDARY



**PARTIAL THIRD LEVEL - NORTH - FLOORING MATERIALS**



SCALE: 1" = 16'



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001.0002.003
SHEET DRAWING NO:	<b>HA4.1</b>

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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.

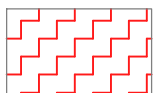


**ABATEMENT NOTES**

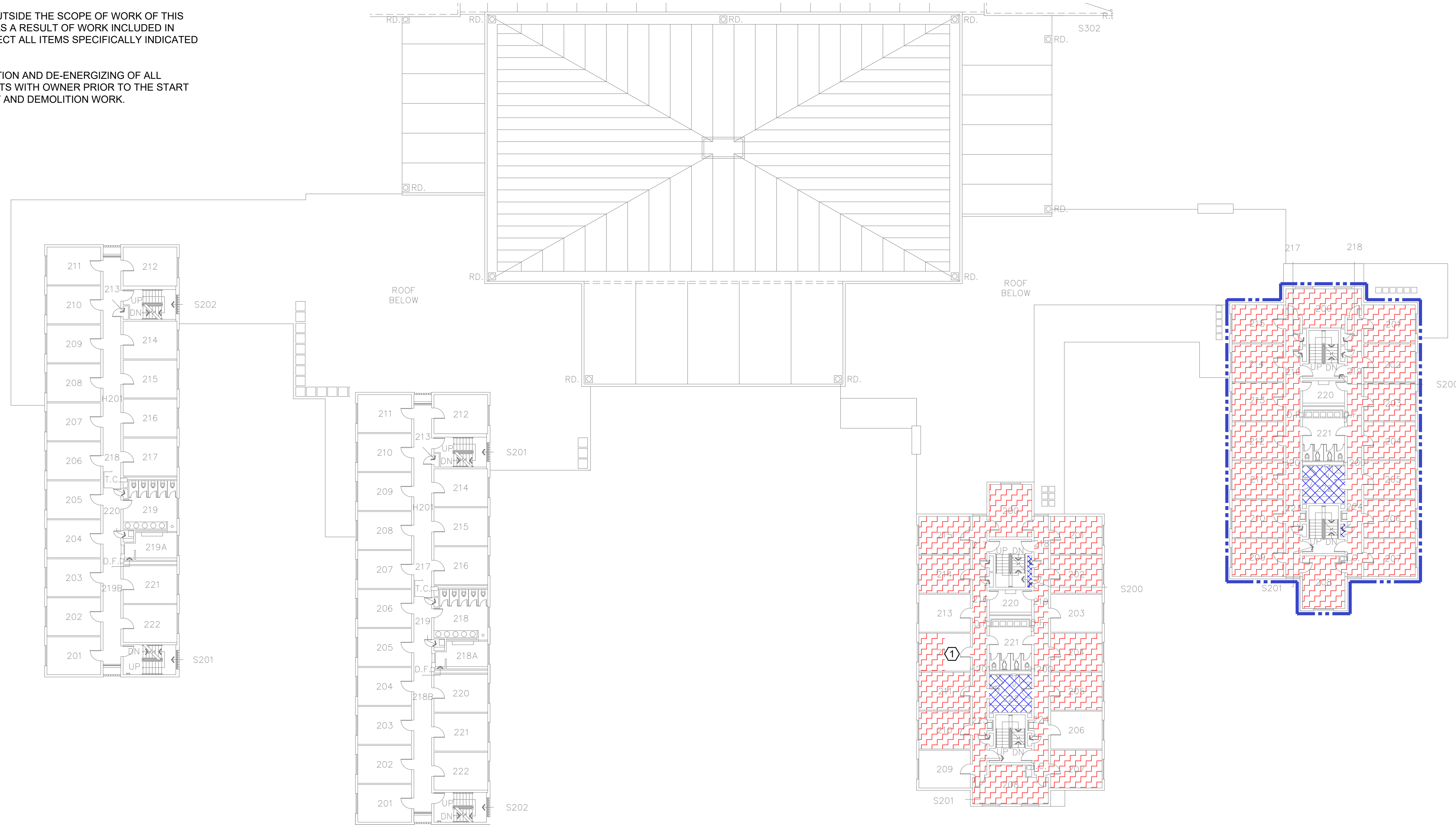
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4. ALL ASBESTOS ABATEMENT AND ALL DEMOLITION WORK THAT MAY IMPACT ASBESTOS-CONTAINING MATERIALS SHALL BE CONDUCTED WITHIN A NEGATIVE PRESSURE ENCLOSURE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING OR REMOVAL AND DISPOSAL OF ANY ITEMS THAT BECOME 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**

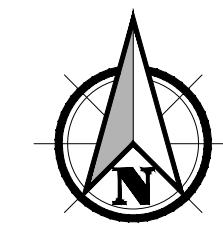
- ① ASBESTOS-CONTAINING VINYL FLOOR TILE AND MASTIC LIKELY PRESENT UNDERNEATH ADDED WALLS IN THIS AREA.

**LEGEND**

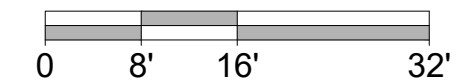
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC CONCEALED BENEATH NON-ASBESTOS CARPET AND MASTIC
-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
-  SCOPE OF WORK BOUNDARY



**PARTIAL THIRD LEVEL - SOUTH - FLOORING MATERIALS**



SCALE: 1" = 16'



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

Filename: L:\Projects\52000\52611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_002\_003\_HA4.1-4.2.dwg User: James Blanco Layout Tab: HA4.2 CAD Plot Date/Time: 9/24/2024 1:29:03 PM

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 Inc.  
3500 Chad Drive, Suite 100  
Eugene, OR 97408  
541.686.8684  
pbsusa.com



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

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_002_003
SHEET DRAWING NO:	<b>HA4.2</b>

Filename: L:\Projects\5200152611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_0002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_0002\_003\_HA4.3.dwg User: James Blanco CAD Plot Date/Time: 9/24/2024 4:40:09 PM Layout Tab: HS4.3











**GENERAL NOTES**

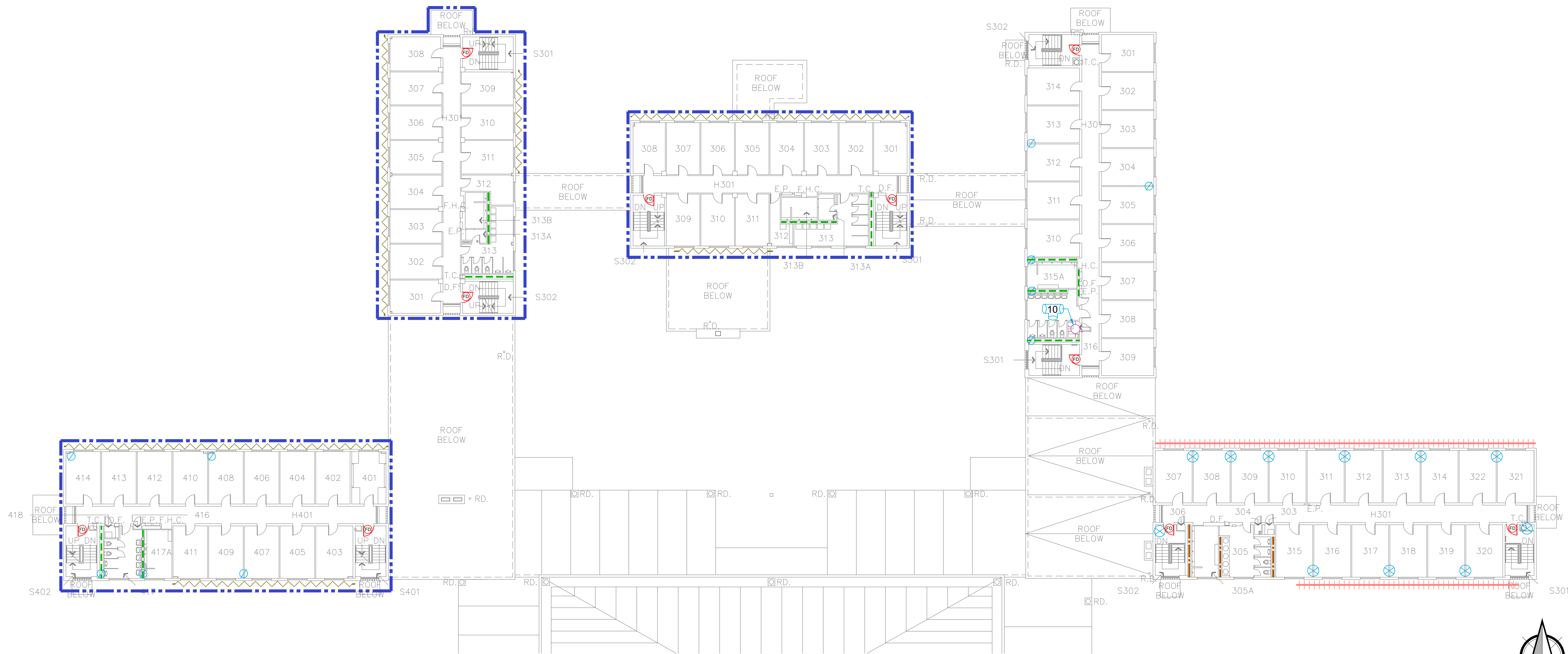
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**ABATEMENT NOTES**

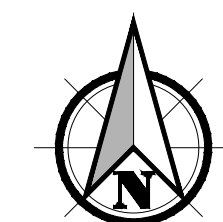
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- CONTRACTOR SHALL REMOVE ALL HEATING SYSTEM CONVECTOR UNITS AND VENTILATOR UNITS THROUGHOUT THE SPECIFIED WORK AREA(S). REMOVE ALL PACKING MATERIALS ENCOUNTERED AT HEATING UNIT PIPE PENETRATIONS AND PREVENT PACKING MATERIAL DEBRIS FROM FALLING TO LOWER LEVELS.
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**LEGEND**

-  HVAC UNIT ASSOCIATED WITH ASBESTOS-CONTAINING ACOUSTICAL COATING AND ASBESTOS -CONTAINING MECHANICAL ISOLATION CLOTH
-  ASBESTOS-CONTAINING PIPE INSULATION STRAIGHT RUNS AND HARD FITTINGS
-  FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
-  WINDOWS WITH ASBESTOS-CONTAINING FRAME SEALANT
-  WINDOWS WITH ASBESTOS-CONTAINING GLAZING COMPOUND (MATERIAL TO REMAIN - NOT PART OF WORK PACKAGE)
-  RISER WITH ASBESTOS-CONTAINING PIPE INSULATION
-  RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
-  ASBESTOS-CONTAINING HARD FITTINGS
-  SUSPECT ASBESTOS-CONTAINING FIRE DOOR
-  SCOPE OF WORK BOUNDARY



**PARTIAL THIRD LEVEL - NORTH - 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.

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

NO.	REVISION	DATE	BY	APPD.

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_0002_003
SHEET DRAWING NO:	<b>HA4.3</b>
SHEET	16 OF 19










**GENERAL NOTES**

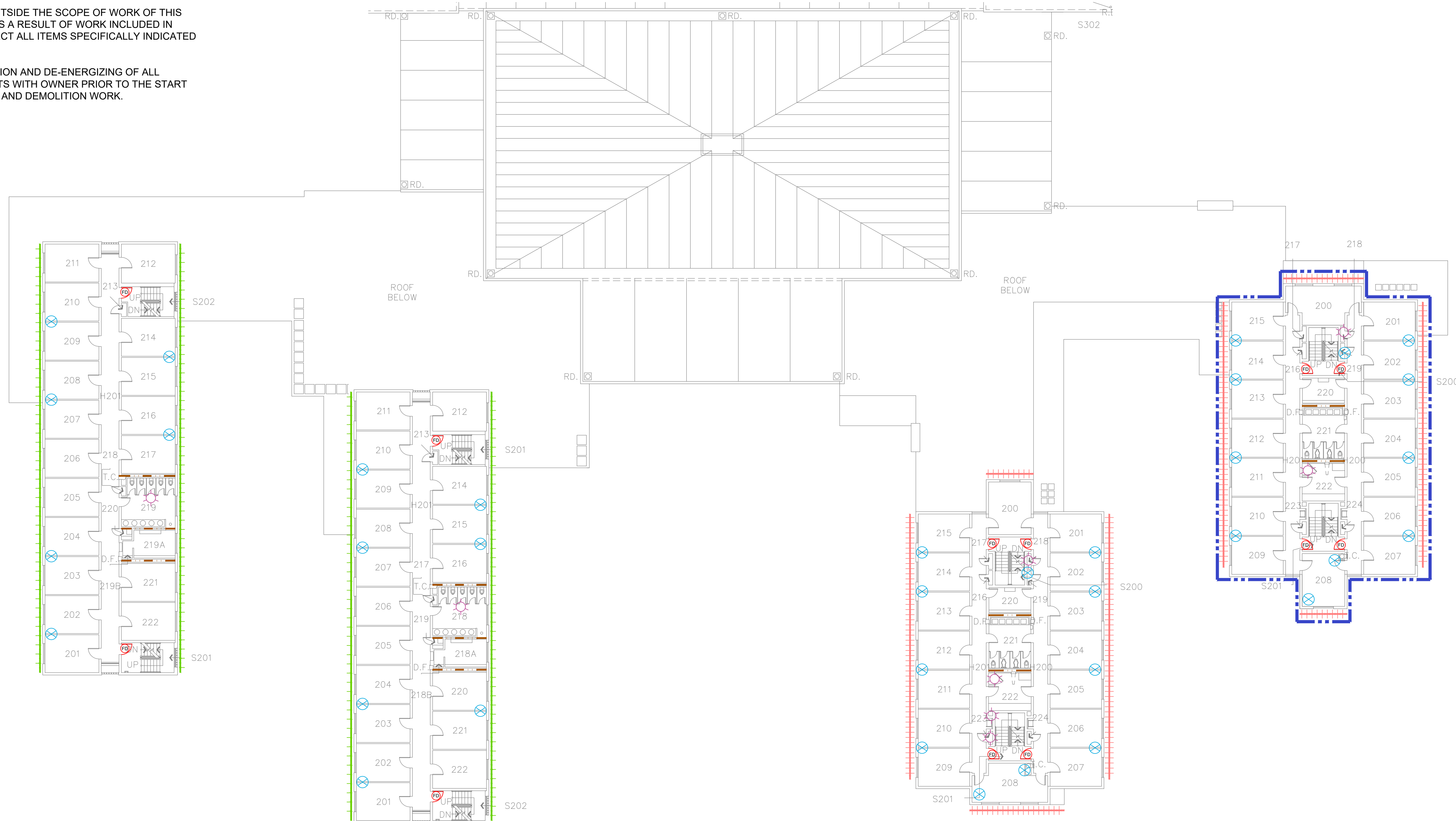
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**ABATEMENT NOTES**

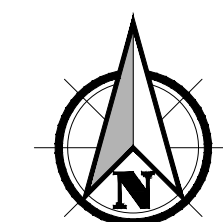
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**LEGEND**

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-  SCOPE OF WORK BOUNDARY



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



SCALE: 1" = 16'



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

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

PBS Engineering and Environmental Inc.  
 3500 Chad Drive, Suite 100  
 Eugene, OR 97408  
 541.686.8694  
 pbseia.com



NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_0002_003
SHEET DRAWING NO:	<b>HA4.4</b>
SHEET	17 OF 19

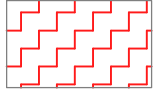


**GENERAL NOTES**

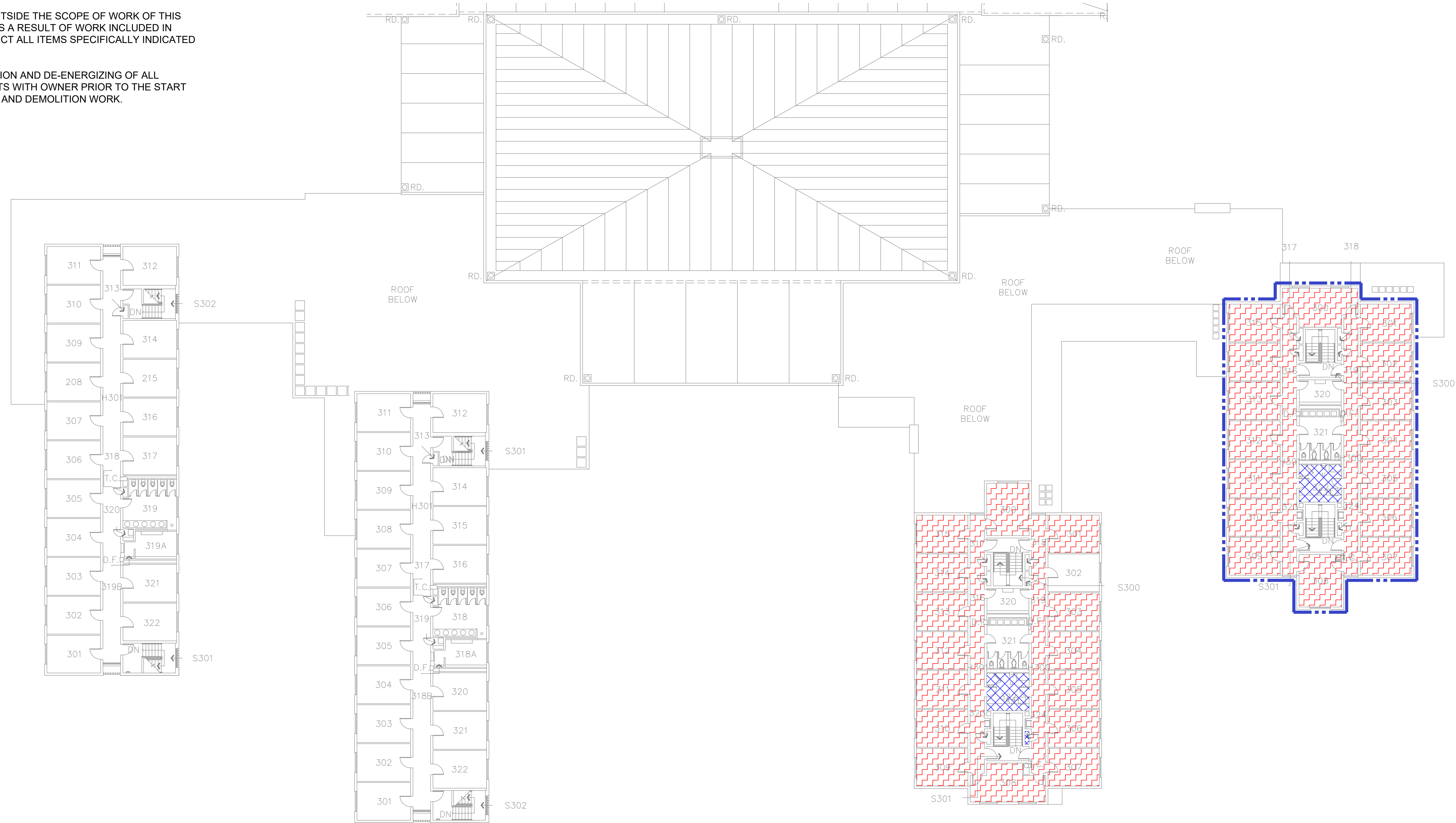
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**ABATEMENT NOTES**

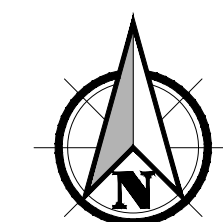
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**LEGEND**

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-  ASBESTOS-CONTAINING FLOOR TILE AND MASTIC
-  SCOPE OF WORK BOUNDARY



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



SCALE: 1" = 16'



PREPARED FOR: SOUTHERN OREGON UNIVERSITY

Filename: L:\Projects\52611\_SOU\_2020-2023\52611\_001\_Cascade\_Hall\DesignPhase\_002\_Task\_003\_Third\_Work\_Package\DWG\52611\_001\_002\_003\_HA5.1.dwg  
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 Layout Tab: HS5.1

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

NO	REVISION	DATE	BY	APPD

DRAWN BY	JAB
CHECKED:	JH
DATE:	SEPTEMBER 2024
PROJECT NUMBER:	52611.001_002_003
SHEET DRAWING NO:	HA5.1

SHEET **18** OF **19**








**GENERAL NOTES**

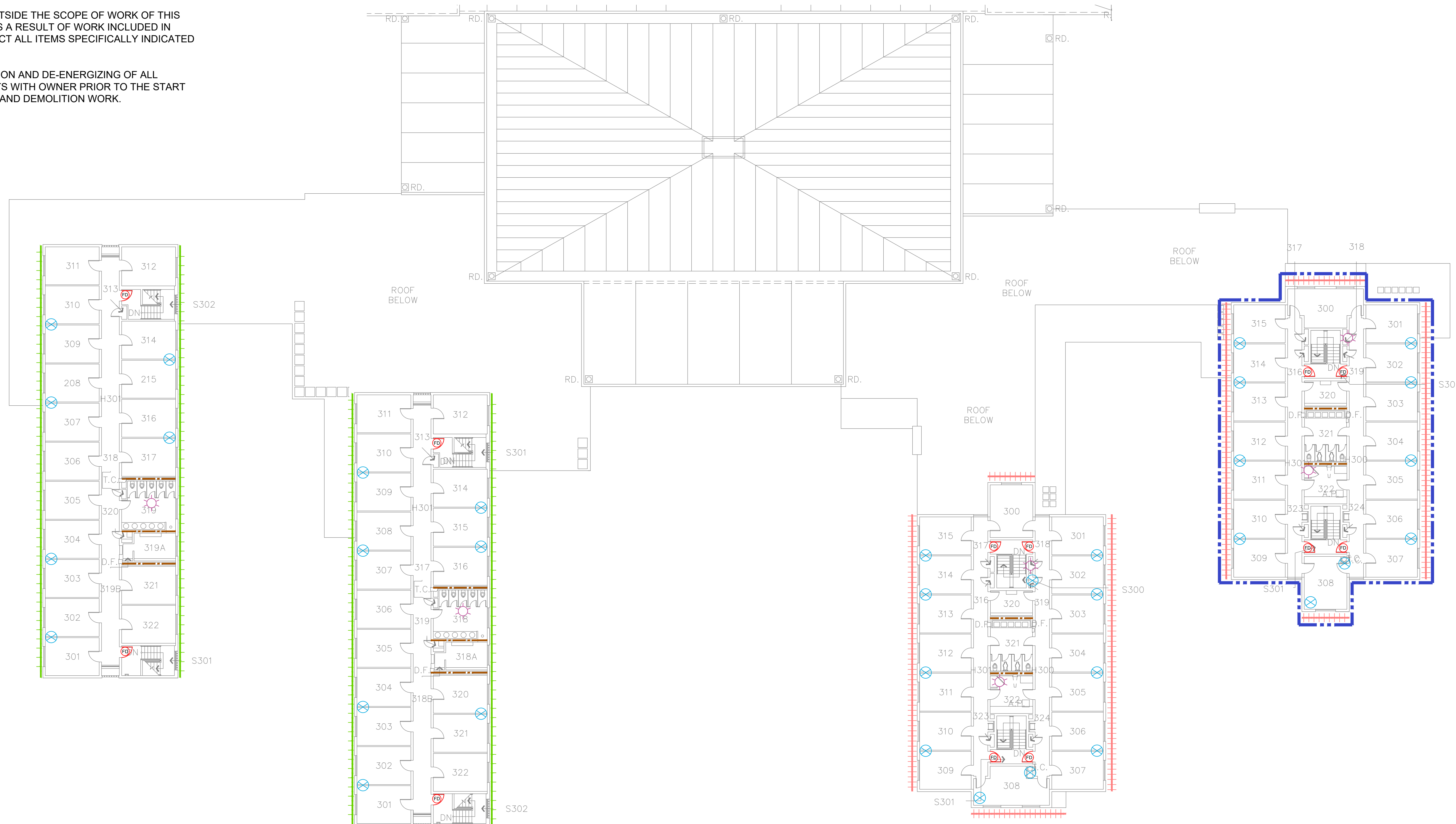
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**ABATEMENT NOTES**

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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 THIRD 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
-  WINDOWS WITH ASBESTOS-CONTAINING FRAME SEALANT (MATERIAL TO REMAIN - NOT PART OF WORK PACKAGE)
-  WINDOWS WITH ASBESTOS-CONTAINING GLAZING COMPOUND AND FRAME SEALANT
-  RISER WITH FIBERGLASS PIPE INSULATION WITH ASBESTOS-CONTAINING HARD FITTINGS
-  SUSPECT ASBESTOS-CONTAINING FIRE DOOR
-  SCOPE OF WORK BOUNDARY



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



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

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

NO.	REVISION	DATE	BY	APPD.

DRAWN BY: JAB  
CHECKED: JH  
DATE: SEPTEMBER 2024  
PROJECT NUMBER: 52611.001.002

SHEET DRAWING NO:  
**HA5.2**