

FIRE PROTECTION NOTES:

- A. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN THE AS-BUILT CONDITIONS AND THESE DRAWINGS.
- B. COORDINATE ALL FIRE PROTECTION INSTALLATION WITH ALL OTHER TRADES TO AVOID CONFLICTS WITH ELECTRICAL CONDITIONS. INSTALL ALL FIRE PROTECTION EQUIPMENT AS HIGH AS POSSIBLE. PROVIDE ALL NECESSARY BRACING, ANCHORAGE AND HANGERS TO MAINTAIN FIRE PROTECTION TIGHT TO THE STRUCTURE OR DUCTWORK. OFFSET ALL SPRINKLER HEADS TO AVOID BEAMS AND INSTALLATION OF ALL TRADES.
- C. ALL FIRE PROTECTION WORK SHALL ADHERE TO CURRENT NFPA 13 STANDARDS.
- D. FIRE PROTECTION PIPING AND SPRINKLER HEADS ARE TO BE PROVIDED FOR REFERENCE.
- E. SPRINKLER HEADS IN LAY-IN-TILE CEILINGS SHALL BE LOCATED IN THE CENTER OF TILE.

REFER TO AND COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR TYPES, SIZES, SPACINGS, SLOTTED AREA, AND ELEVATIONS FOR INSTALLATION OF NEW FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC.

F. THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLATION OF EXISTING CEILING TILE NOT TO BE REUSED. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF NEW FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. VERIFY WITH ARCHITECT/ENGINEER FOR ANY SPECIAL REQUIREMENTS BY THE GENERAL CONTRACTOR. ANY CEILING TILE TO BE GRATED SHALL BE INSTALLED IN SUCH A MANNER AS TO BE REPLACED WITH NEW BY THIS CONTRACTOR.

H. THE CONTRACTOR SHALL OPEN ALL EXISTING WALLS AND CEILING JOINTS FOR INSTALLATION OF NEW FIRE PROTECTION SPRINKLER HEADS, SPRINKLER HEADS, EQUIPMENT, ETC. AS REQUIRED. PATCH WALLS AND/OR CEILINGS TO MATCH EXISTING.

I. MAINTAIN 3" - 0" CLEAR SPACE IN FRONT OF ALL ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.

1 DISCONNECT, REMOVE, AND RE-ROUTE EXISTING SPRINKLER PIPING IN THIS AREA AS REQUIRED FOR NEW CONSTRUCTION.

2 SPRINKLER ABOVE AND BELOW NEW STAIRWAY IN ACCORDANCE WITH NFPA 13.

3 PROVIDE NEW SPRINKLER HEADS (UPRIGHT OR SIDEWALL) AS REQUIRED BY NEW CONSTRUCTION IN ACCORDANCE WITH NFPA 13.

4 DELETE ALL WORK IN THIS AREA UNDER DEDUCT ALTERNATE NO. 1.

PHASING NOTES

1. ALL WORK ON FOURTH FLOOR NORTH STAIR IS LOCATED WITHIN AN EXISTING MENTAL HEALTH WARD THAT IS LOCKED DOWN 24 HOURS A DAY/7 DAYS A WEEK. ALL WORK IN THIS AREA SHALL BE CAREFULLY COORDINATED WITH OWNER AND LOCAL STAFF IN ORDER TO PROCEED WITH WORK. WORK MUST BE COORDINATED A MINIMUM OF 2 WEEKS IN ADVANCE AND CARE MUST BE TAKEN TO KEEP WORKERS, STAFF, AND PATIENTS SAFE.

FIRE PROTECTION DEMOLITION NOTES:

A. DEMOLITION DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING RECORDS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCY BETWEEN THE DRAWING CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.

B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR. VERIFY ALL EXISTING CEILING TILE, SPRINKLER HEADS, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. REMOVE ALL TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE GENERAL CONTRACTOR.

C. THE CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILINGS FOR DEMOLITION OF EXISTING FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC.



D. THE CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILINGS FROM DEMOLISHED FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILINGS TO MATCH EXISTING.

△ DISCONNECT AND REMOVE EXISTING SPRINKLER HEAD, FIP AND/OR SPRINKLER EQUIPMENT FROM EXISTING PIPING IN THIS AREA AS REQUIRED FOR NEW CONSTRUCTION.

△ DISCONNECT, REMOVE, AND RE-ROUTE SPRINKLER PIPING IN THIS AREA AS REQUIRED FOR NEW CONSTRUCTION.

ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.	
①	DISCONNECT, REMOVE, AND RE-ROUTINE EXISTING SPRINKLER PIPING IN THIS AREA AS REQUIRED FOR NEW CONSTRUCTION.
②	SPRINKLER ABOVE AND BELOW NEW STAIRWAY IN ACCORDANCE WITH NFPA 13.
③	PROVIDE NEW SPRINKLER HEADS (UPRIGHT OR SIDEWALL) AS REQUIRED BY NEW CONSTRUCTION IN ACCORDANCE WITH NFPA 13.
④	DELETE ALL WORK IN THIS AREA UNDER DEDUCT ALTERNATE NO. 1.

PHASING NOTES	
1.	ALL WORK ON FOURTH FLOOR NORTH STAR IS LOCATED WITHIN AN EXISTING MENTAL HEALTH WARD THAT IS LOCKED DOWN 24 HOURS A DAY/7 DAYS A WEEK. ALL WORK IN THIS AREA SHALL BE CAREFULLY COORDINATED WITH OWNER AND LOCAL STAFF IN ORDER TO PROCEED WITH WORK. WORK MUST BE COORDINATED A MINIMUM OF 2 WEEKS IN ADVANCE AND CARE MUST BE TAKEN TO KEEP WORKERS, STAFF, AND PATIENTS SAFE.

FIRE PROTECTION DEMOLITION NOTES:	
A.	DEMOLITION DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING CONDITIONS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.
B.	THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE EXISTING FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW OF THE CONTRACTOR'S CHOICE.
C.	THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILINGS FOR DEMOLITION OF EXISTING FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. AS REQUIRED.
D.	THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILINGS FROM DEMOLISHED FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILINGS TO MATCH EXISTING.
	DISCONNECT AND REMOVE EXISTING SPRINKLER HEAD. REMOVE SPRINKLER BODY AND SPRINKLER BODY PIPING IN THIS AREA AS REQUIRED FOR NEW CONSTRUCTION.
	DISCONNECT, REMOVE, AND RE-ROUTE SPRINKLER PIPING IN THIS AREA AS REQUIRED FOR NEW CONSTRUCTION.

H STAIR FOURTH FLOOR FIRE PROTECTION

FIRE PROTECTION DEMOLITION NOTES:

- A. DEMOLITION DRAWINGS ARE DIAGRAMATIC ONLY AND BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL DEMOLITION CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.
- B. THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE DEMOLITION OF EXISTING FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
- C. THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILINGS FOR DEMOLITION OF EXISTING FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. AS REQUIRED.
- D. THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND/OR CEILINGS FROM DEMOLISHED FIRE PROTECTION PIPING, SPRINKLER HEADS, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILINGS TO MATCH EXISTING.

DISCONNECT AND REMOVE EXISTING SPRINKLER HEAD. CAP REMAINING SPRINKLER PIPING AT MAIN.

DISCONNECT, REMOVE, AND RE-ROUTE SPRINKLER PIPING IN THIS AREA AS REQUIRED FOR NEW CONSTRUCTION.


PLAN

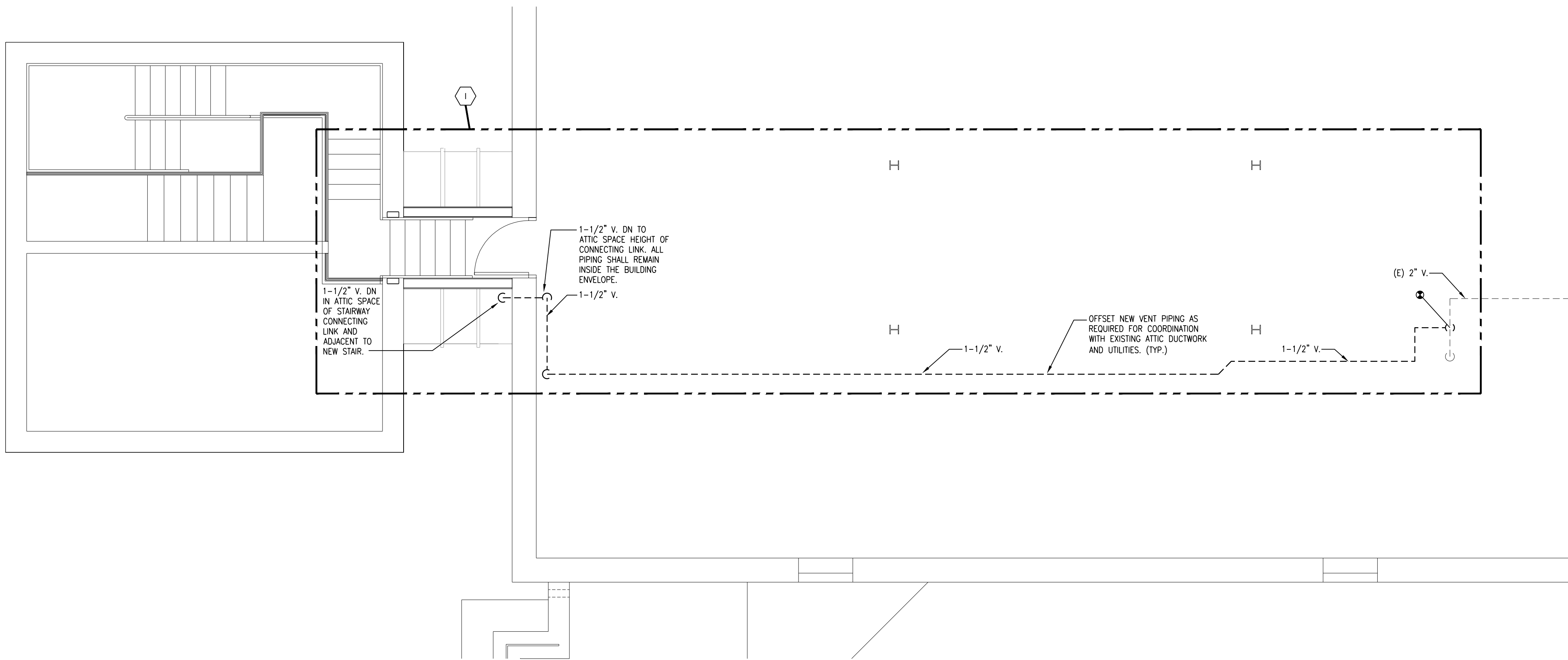
STAIR FOURTH FLOOR FIRE PROTECTION DESIGN

 **ONE**
BUILDING SYSTEMS CONSULTANTS

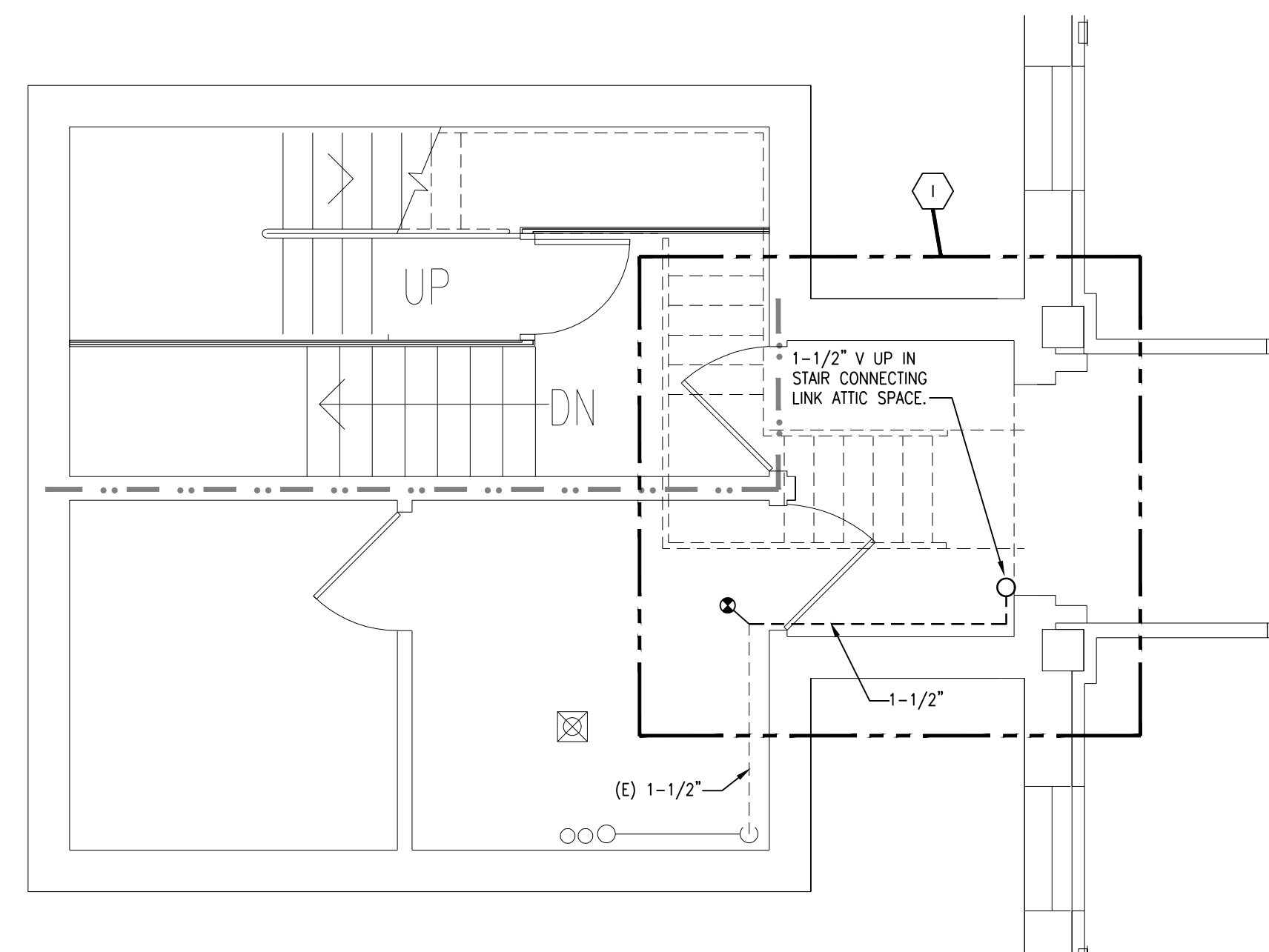
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Alexandria ■ 877.380.0501

IMAGE GROUP INC., Architecture & Interiors
OBERMILLER NELSON ENGINEERING, Mechanical Engineers
MBN ENGINEERING, Electrical Engineers

PLAN			
USE	Date	March 12, 2014	
	Scale	1/4"=1'-0"	
Drawn By	Drawing No.	FPI	
MCW		Dwg. 5 of 9	
SYSTEM			



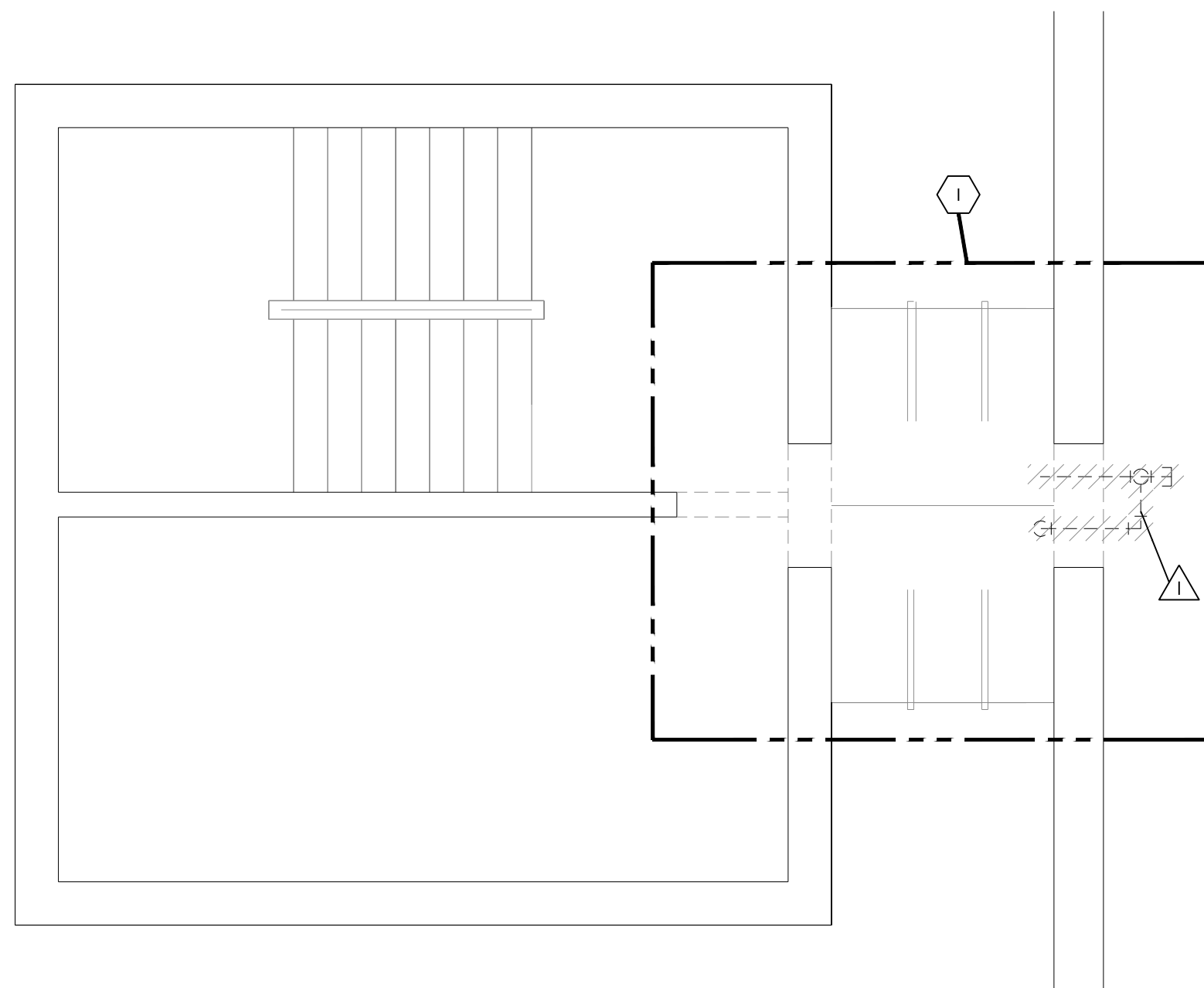
NORTH STAIR FIFTH FLOOR PLUMBING PLAN
1/4"=1'-0"



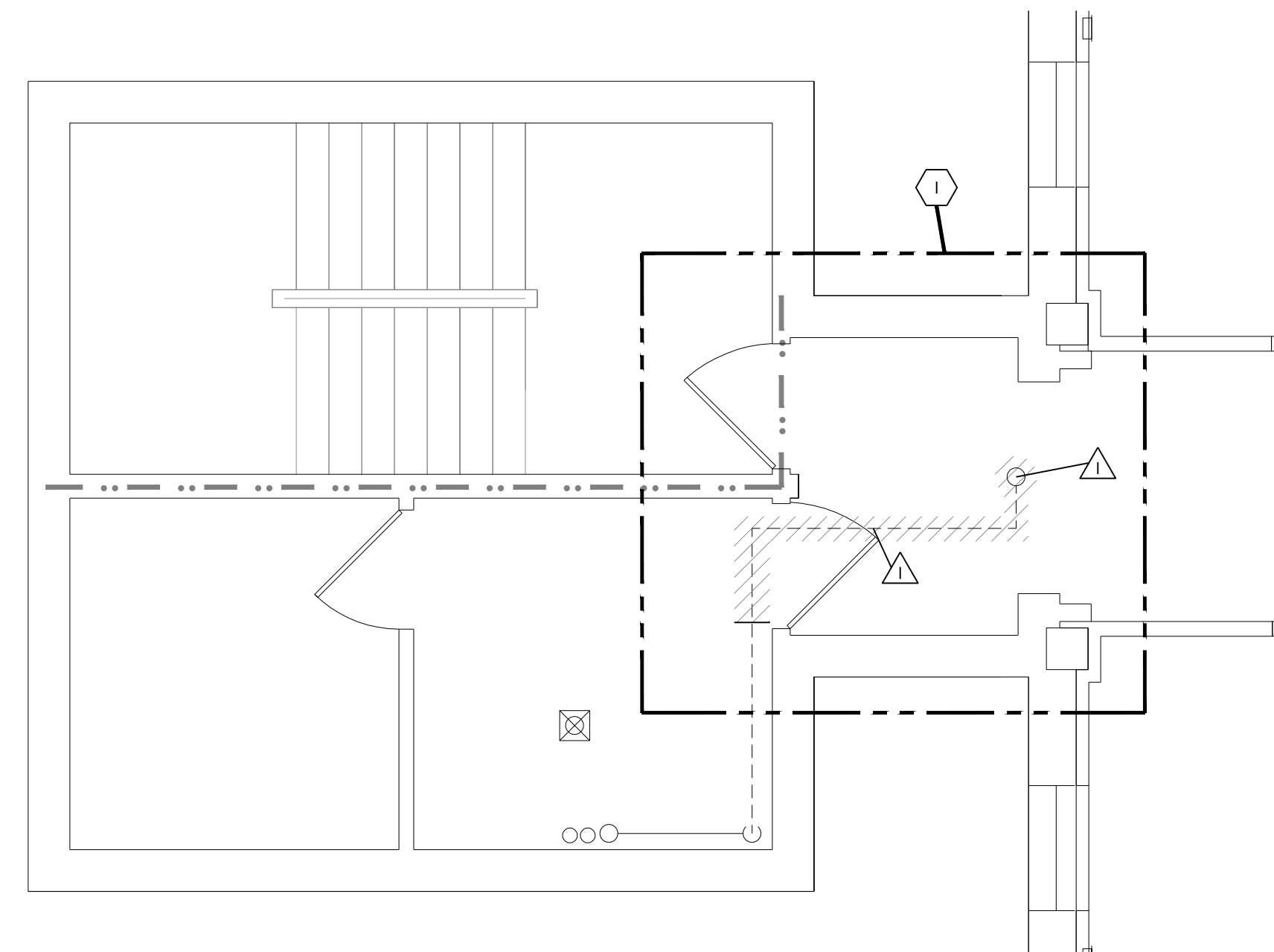
NORTH STAIR FOURTH FLOOR PLUMBING PLAN
1/4"=1'-0"

- PLUMBING NOTES:**
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS.
 - COORDINATE ALL PLUMBING INSTALLATION WITH GENERAL FIRE PROTECTION, VENTILATION, AND ELECTRICAL CONTRACTORS. INSTALL ALL PLUMBING PIPING AS HIGH AS POSSIBLE. PROVIDE ALL NECESSARY OFFSETS (DROPS AND RISERS) TO KEEP PLUMBING PIPING TIGHT TO THE STRUCTURE OR DUCTWORK ABOVE. OFFSET PLUMBING PIPING TO AVOID BEAMS AND INSTALLATION BY ALL TRADES.
 - REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS FOR CEILING TYPES, HEIGHTS, SOFFIT AREAS, AND ELEVATIONS FOR INSTALLATION OF NEW PLUMBING PIPING, EQUIPMENT, ETC.
 - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE INSTALLATION OF NEW PLUMBING PIPING, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
 - THIS CONTRACTOR SHALL OPEN ALL EXISTING WALLS AND/OR CEILINGS FOR INSTALLATION OF NEW PLUMBING PIPING, EQUIPMENT, ETC. AS REQUIRED. PATCH WALLS AND/OR CEILINGS TO MATCH EXISTING AND SEAL ALL NEW WALL AND/OR CEILING PENETRATIONS.
 - MAINTAIN 3'-0" CLEAR SPACE IN FRONT OF ALL ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.
 - ALL SHUT-OFF VALVES, ETC., SHALL BE INSTALLED IN ACCESSIBLE CEILINGS.
 - DELETE ALL WORK IN THIS AREA UNDER DEDUCT ALTERNATE NO. 1.

- PHASING NOTES**
- ALL WORK ON FOURTH FLOOR NORTH STAIR IS LOCATED WITHIN AN EXISTING MENTAL HEALTH WARD THAT IS LOCKED DOWN 24 HOURS A DAY/7 DAYS A WEEK. ALL WORK IN THIS AREA SHALL BE CAREFULLY COORDINATED WITH OWNER AND LOCAL STAFF IN ORDER TO PROCEED WITH WORK. WORK MUST BE COORDINATED A MINIMUM OF 2 WEEKS IN ADVANCE AND CARE MUST BE TAKEN TO KEEP WORKERS, STAFF, AND PATIENTS SAFE.



NORTH STAIR FIFTH FLOOR PLUMBING DEMOLITION PLAN
1/4"=1'-0"



NORTH STAIR FOURTH FLOOR PLUMBING DEMOLITION PLAN
1/4"=1'-0"

- PLUMBING DEMOLITION NOTES:**
- DEMOLITION DRAWINGS ARE DIAGNOSTIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.
 - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE DEMOLITION OF EXISTING PLUMBING PIPING, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
 - THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILINGS FOR DEMOLITION OF EXISTING PLUMBING PIPING, EQUIPMENT, ETC. AS REQUIRED.
 - THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILINGS FROM DEMOLISHED PLUMBING PIPING, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILINGS TO MATCH EXISTING.
 - RELOCATE EXISTING PLUMBING VENT AS REQUIRED FOR NEW STAIRWAY.

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Revisions	Date



Dept. of Veterans Affairs
Health Care System
2101 Elm Street North
Fargo, ND 58102

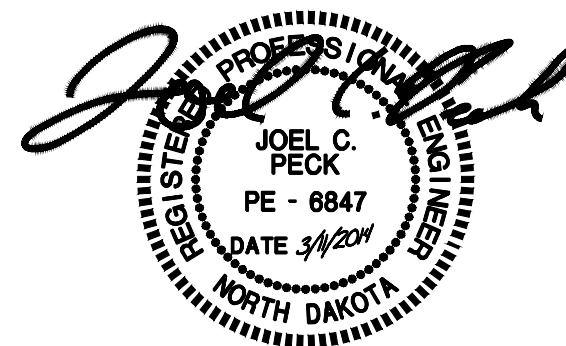


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OBERMILLER NELSON ENGINEERING, Mechanical Engineers
MBN ENGINEERING, Electrical Engineers

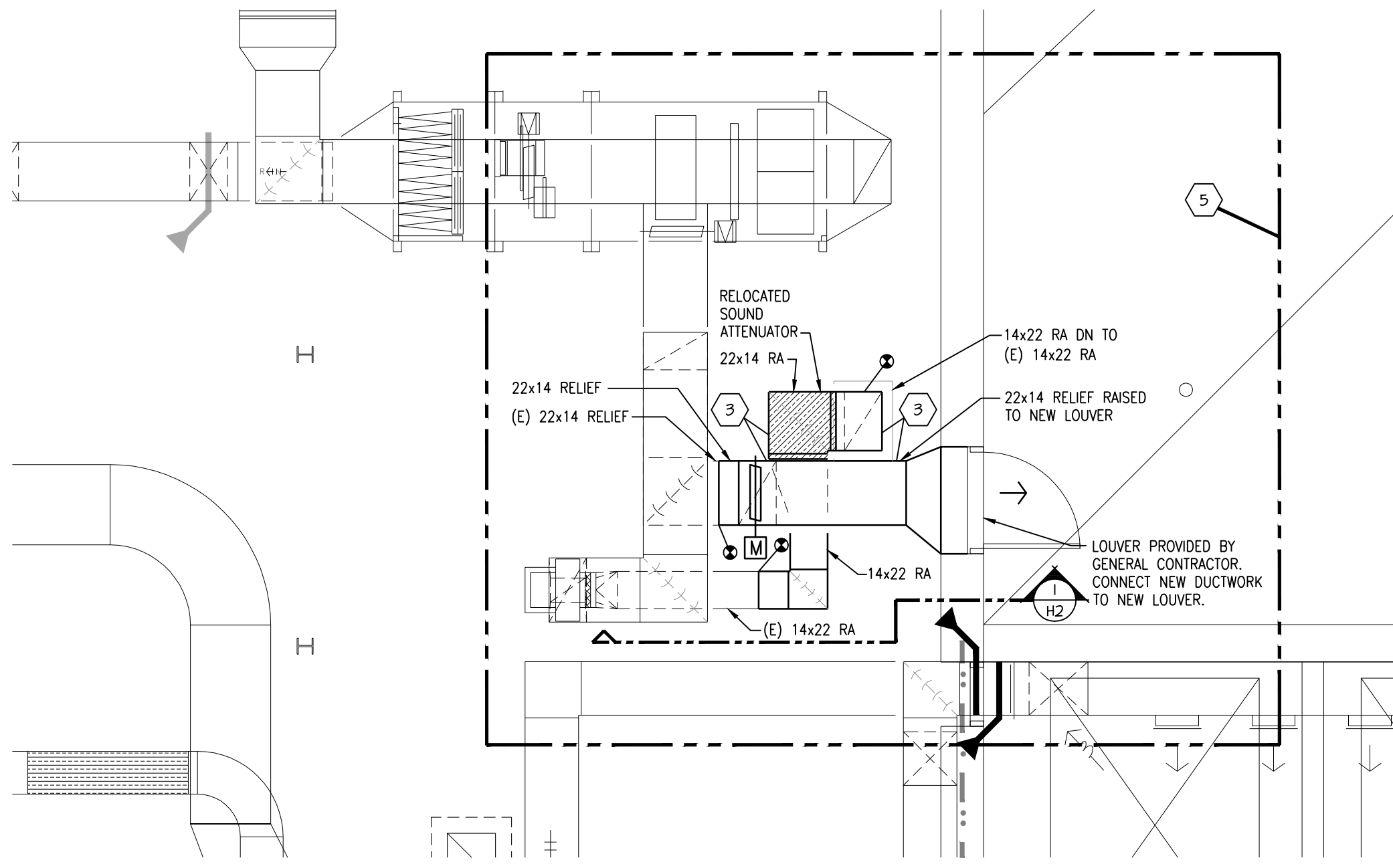


Drawing Title PLUMBING PLANS - DEMOLITION AND NEW		Project Title MODIFY ATTIC/PENTHOUSE		Date March 12, 2014
VA Project No. 437-14-101	Contract No. VA263-P-1217 VA263-C-	Designed By JCP	Checked By JCP	Scale 1/4"=1'-0"
Building No. 1, 9, 46	AutoCAD File Name 2014003-P1.dwg	Drawn By MCW	Location FARGO VA HEALTH CARE SYSTEM FARGO, ND	Drawing No. P1
				Dwg. 6 of 9

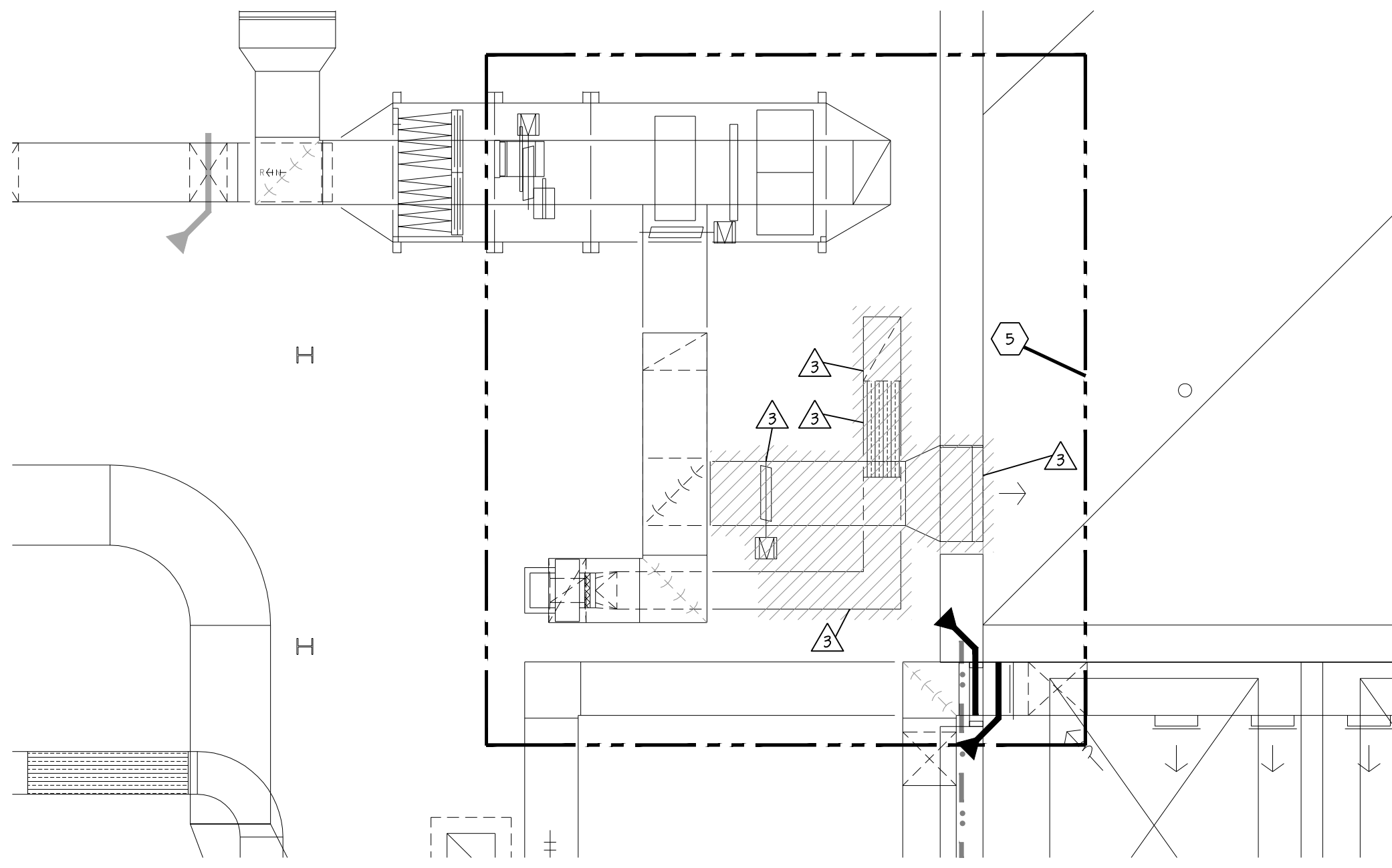




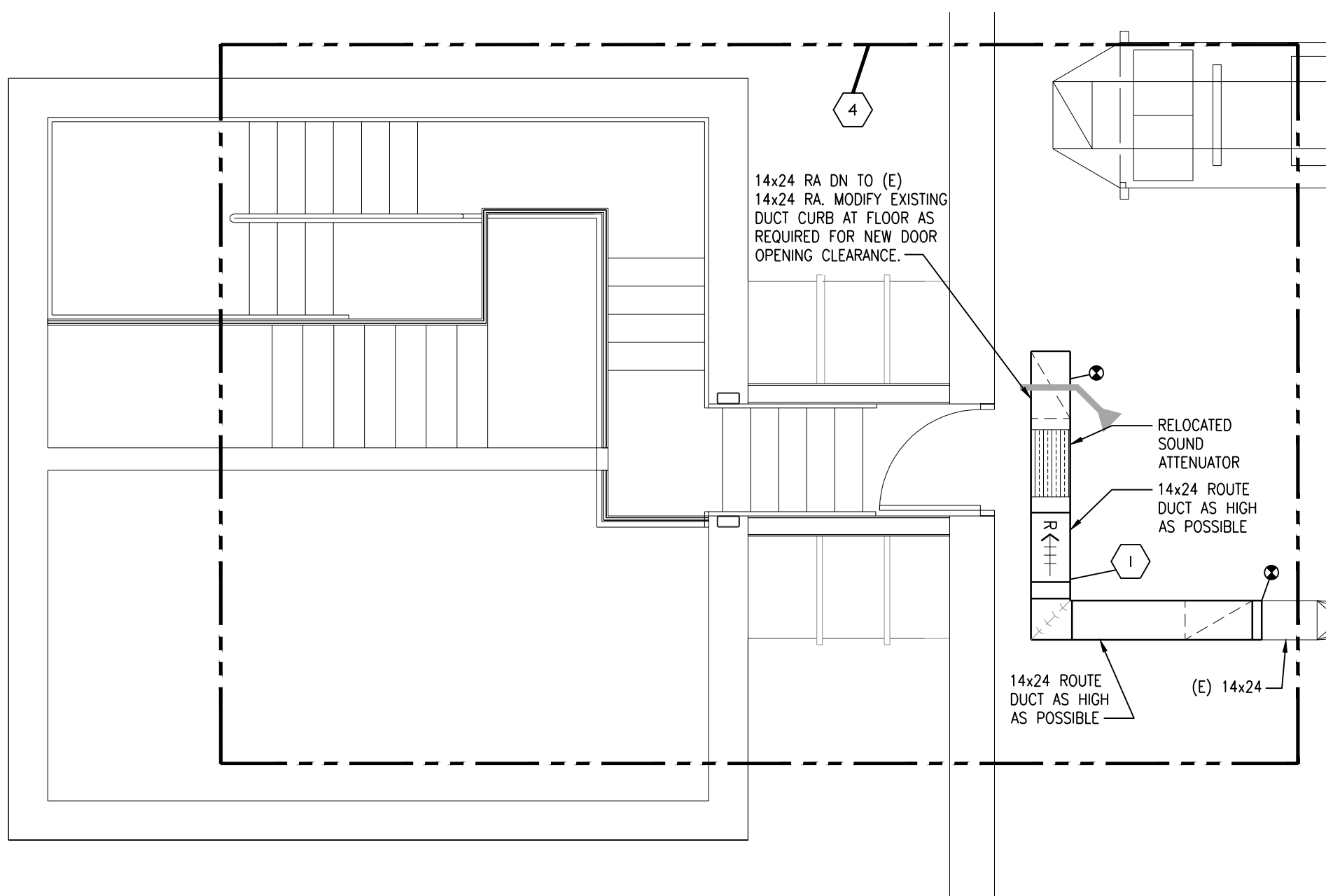
Department of
Veterans Affairs



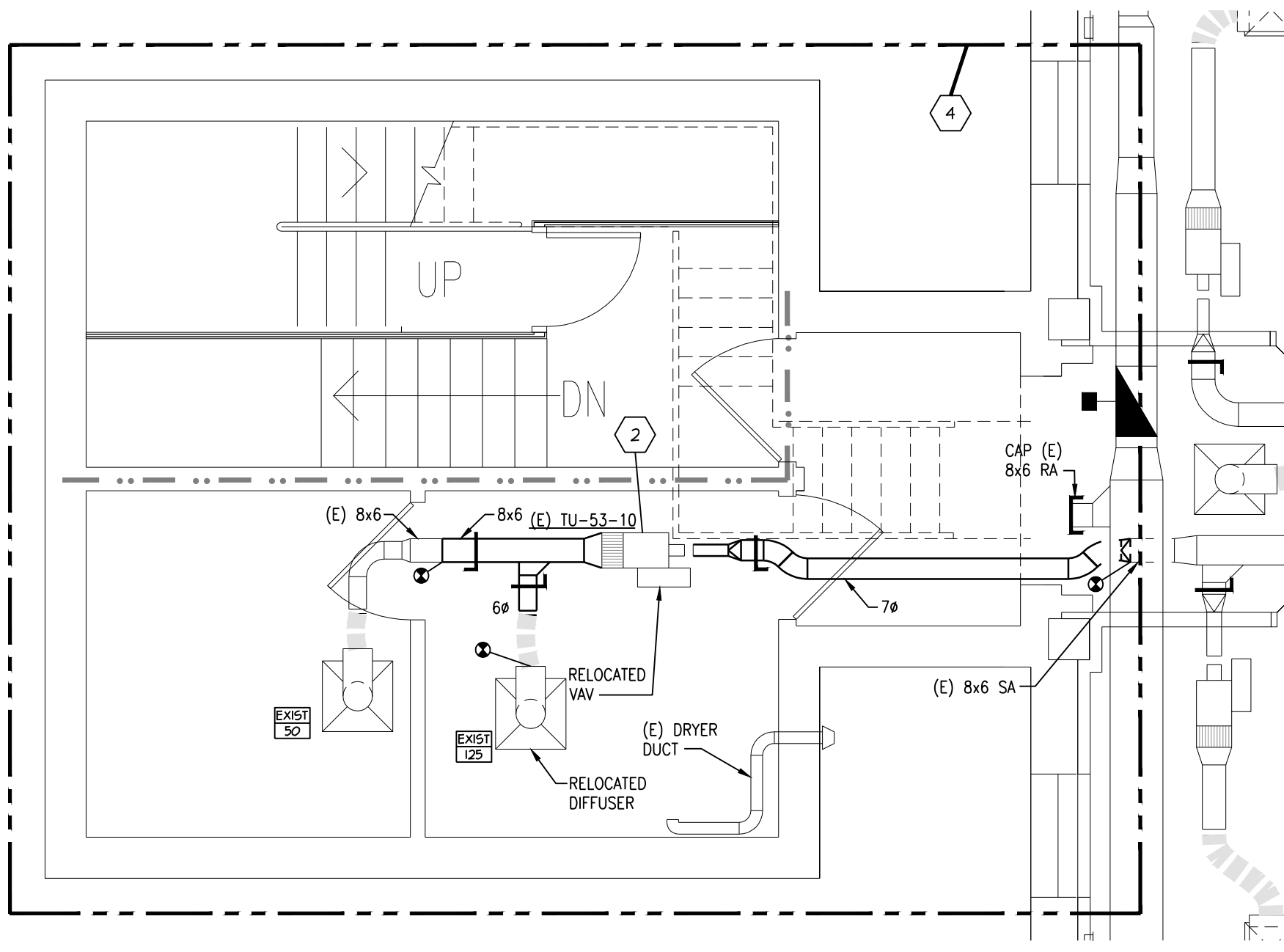
FIFTH FLOOR VENTILATION PLAN
1/4"-1'-0"



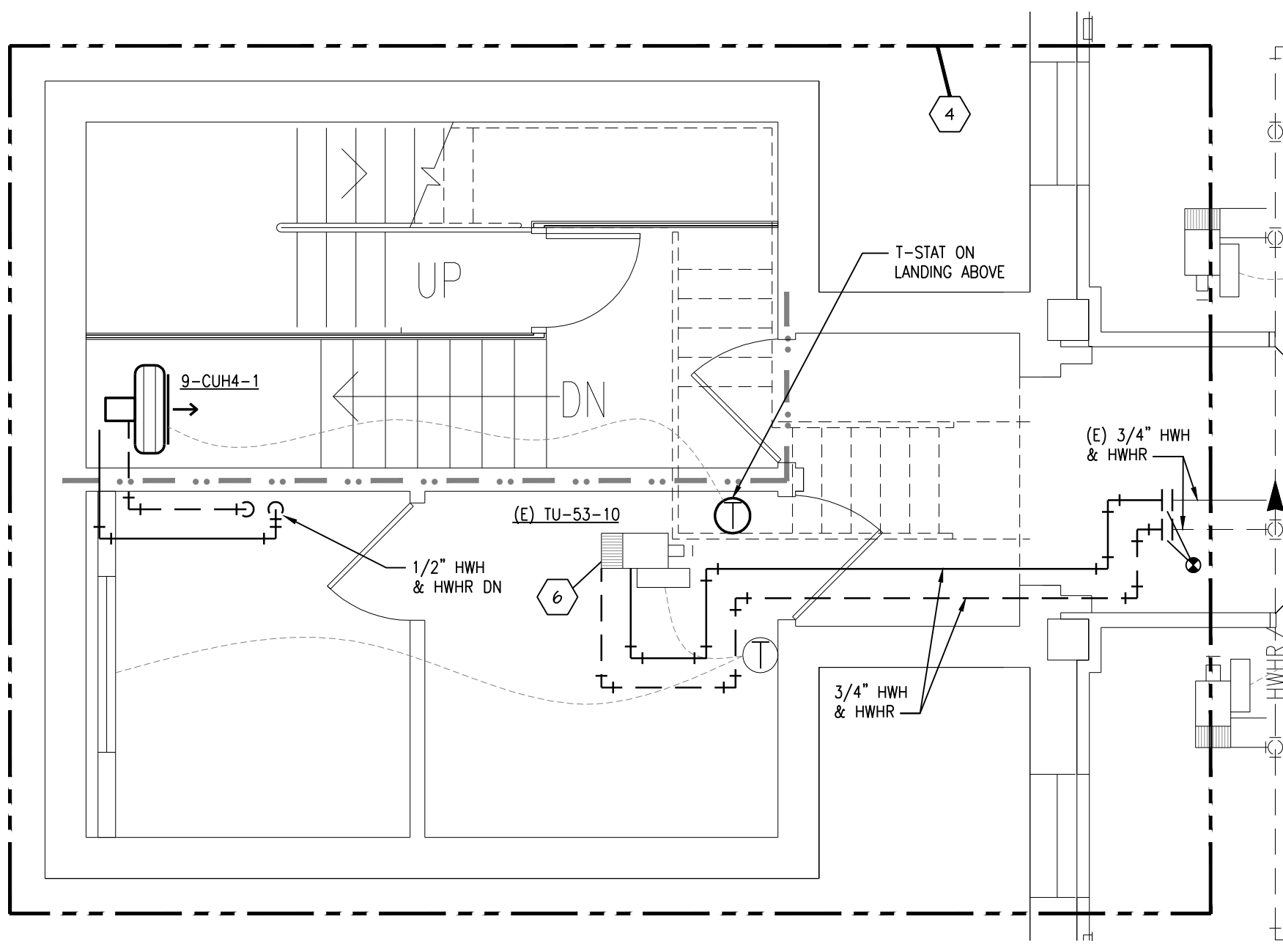
FIFTH FLOOR VENTILATION DEMOLITION PLAN
1/4"-1'-0"



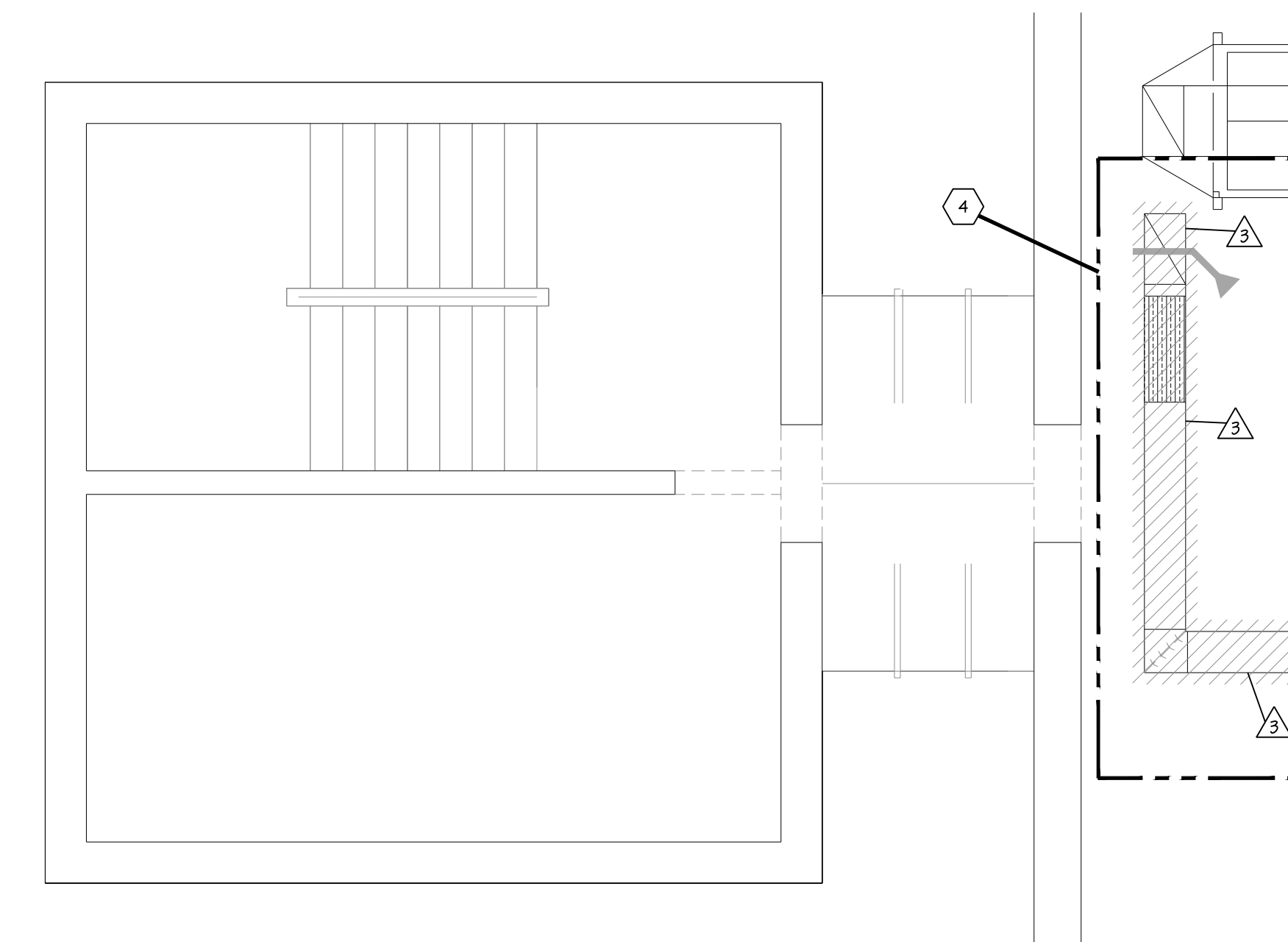
NORTH STAIR FIFTH FLOOR VENTILATION PLAN
1/4"-1'-0"



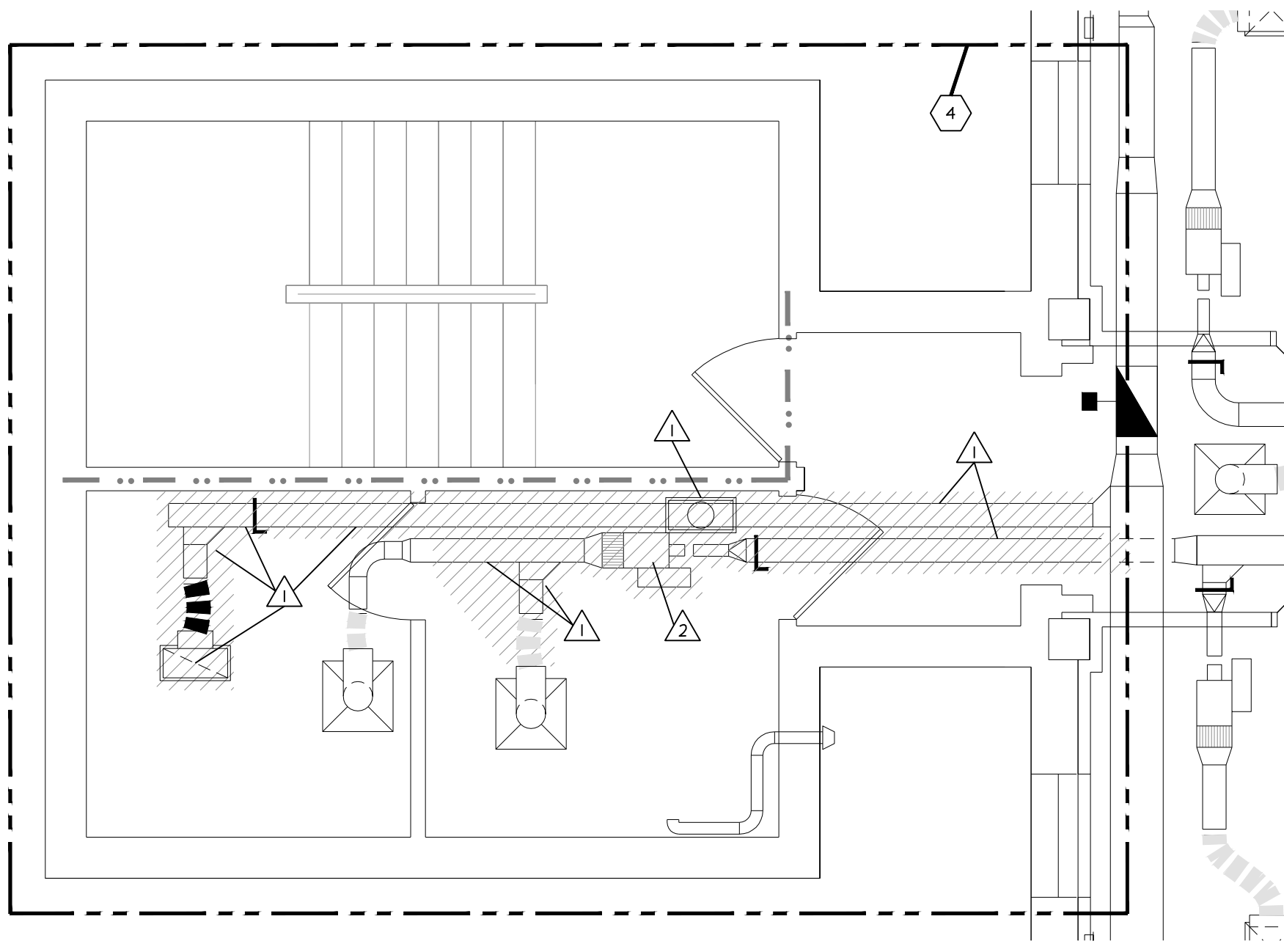
NORTH STAIR FOURTH FLOOR VENTILATION PLAN
1/4"-1'-0"



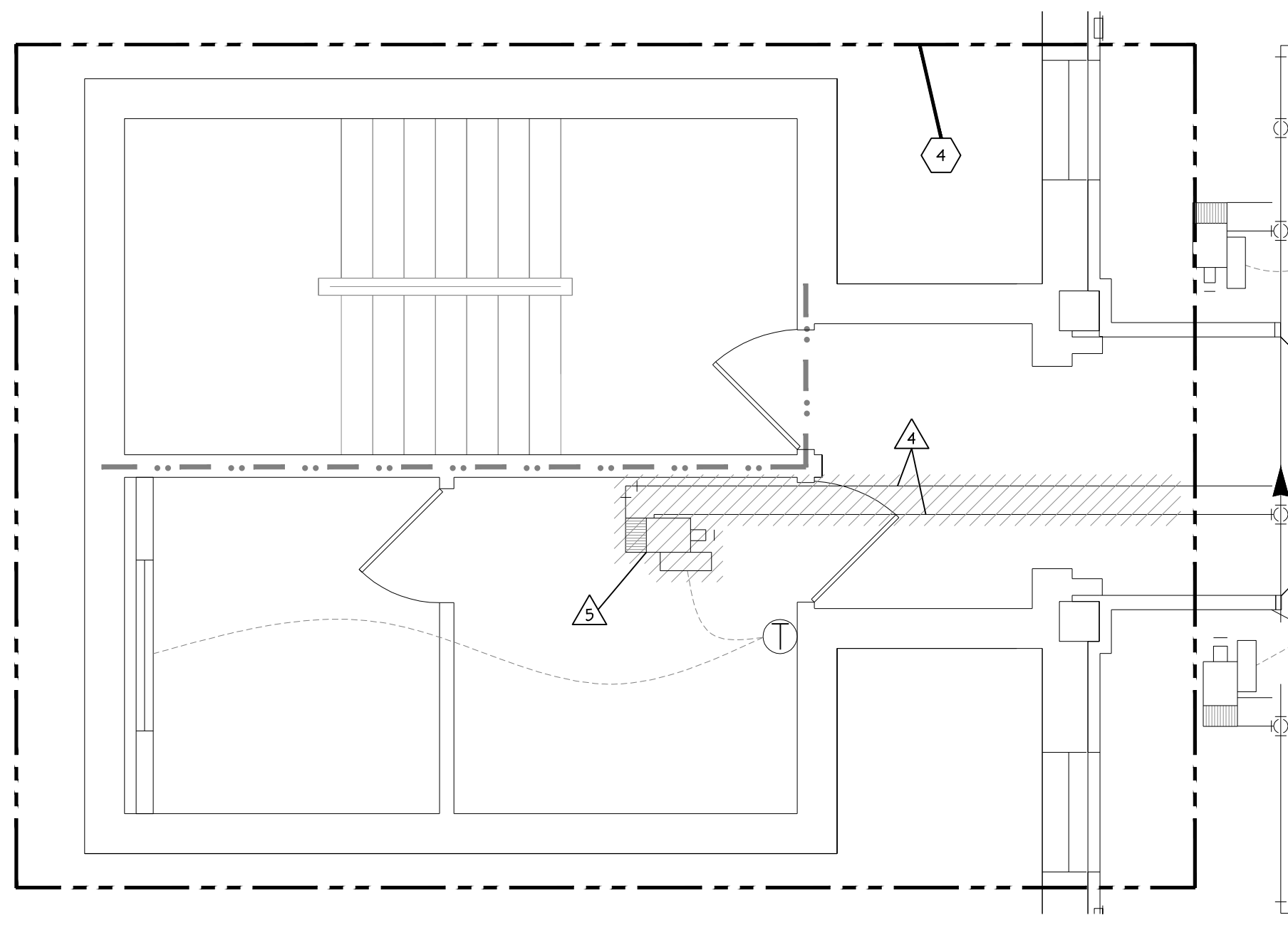
NORTH STAIR FOURTH FLOOR HVAC PIPING PLAN
1/4"-1'-0"



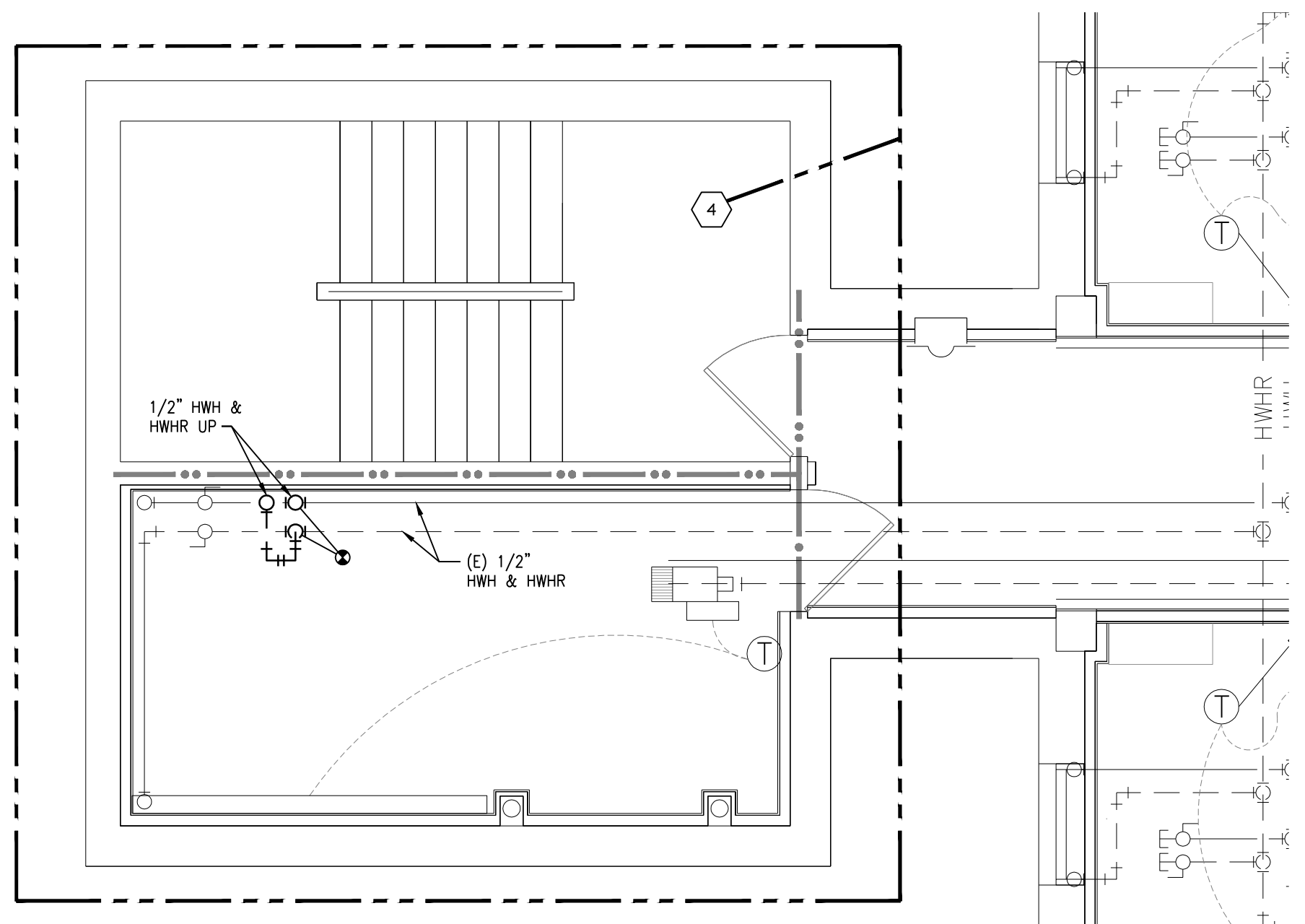
NORTH STAIR FIFTH FLOOR VENTILATION DEMOLITION PLAN
1/4"-1'-0"



NORTH STAIR FOURTH FLOOR VENTILATION DEMOLITION PLAN
1/4"-1'-0"



NORTH STAIR FOURTH FLOOR HVAC PIPING DEMOLITION PLAN
1/4"-1'-0"



NORTH STAIR THIRD FLOOR HVAC PIPING PLAN
1/4"-1'-0"

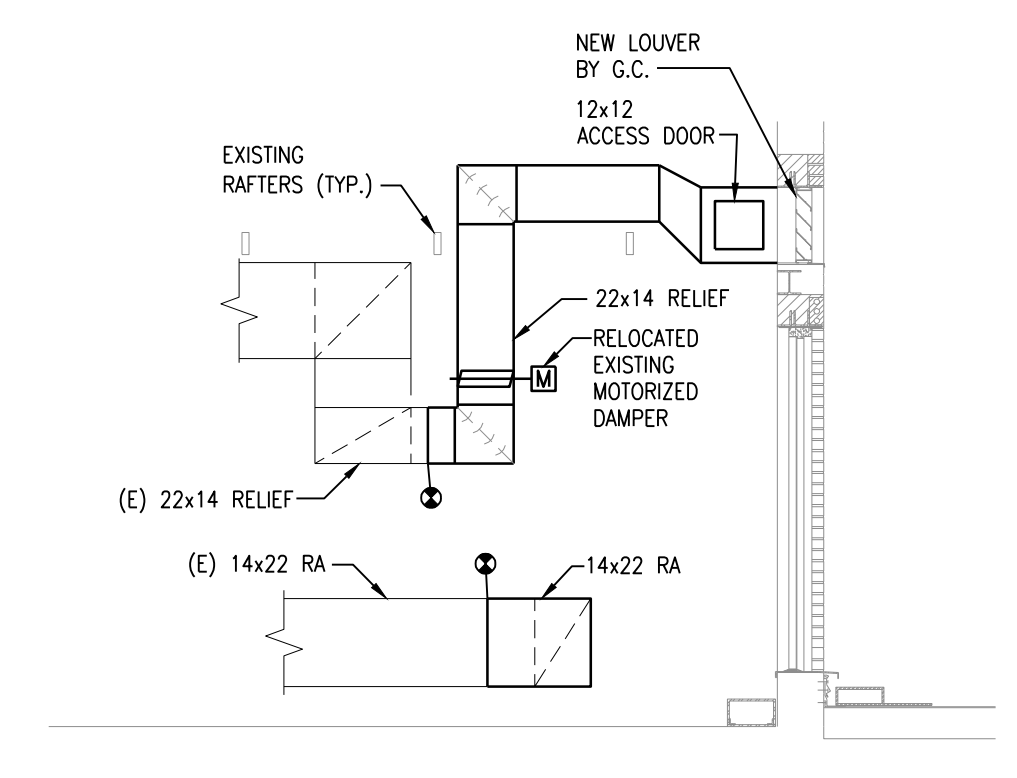
- VENTILATION DEMOLITION NOTES:**
- DEMOLITION DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.
 - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE DEMOLITION OF EXISTING VENTILATION DUCTWORK, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
 - THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILINGS FOR DEMOLITION OF EXISTING VENTILATION DUCTWORK, EQUIPMENT, ETC. AS REQUIRED.
 - THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILINGS FROM DEMOLISHED VENTILATION DUCTWORK, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILINGS TO MATCH EXISTING.
- DISCONNECT AND REMOVE EXISTING DIFFUSER AND DUCTWORK, INCLUDING ALL ASSOCIATED INSULATION, SUPPORTS, DAMPER, ETC. CAP REMAINING DUCTWORK. SALVAGE SUPPLY ORLE FOR RE-USE.
- DISCONNECT AND REMOVE EXISTING VAV BOX FOR RELOCATION INCLUDING ALL ASSOCIATED DUCTWORK, DAMPERS, INSULATION, HANGERS, ETC.
- DISCONNECT AND REMOVE EXISTING DUCTWORK. RETAIN EXISTING ATTENUATOR AND MOTORIZED DAMPER FOR RE-INSTALLATION.

- HVAC PIPING DEMOLITION NOTES:**
- DEMOLITION DRAWINGS ARE DIAGRAMMATIC ONLY AND ARE BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS. PROVIDE ADDITIONAL DEMOLITION AS REQUIRED BASED ON FIELD CONDITIONS.
 - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE DEMOLITION OF EXISTING HVAC PIPING, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
 - THIS CONTRACTOR SHALL OPEN ALL WALLS AND/OR CEILINGS FOR DEMOLITION OF EXISTING HVAC PIPING, EQUIPMENT, ETC. AS REQUIRED.
 - THIS CONTRACTOR IS RESPONSIBLE FOR PATCHING ALL HOLES/WALLS AND OR CEILINGS FROM DEMOLISHED HVAC PIPING, EQUIPMENT, ETC. IN FLOORS, WALLS, AND CEILINGS TO MATCH EXISTING.
- DISCONNECT AND REMOVE EXISTING HEATING PIPING INCLUDING ALL ASSOCIATED VALVES, INSULATION, SUPPORTS, ETC. PREPARE REMAINING PIPING FOR RECONNECTION.
- DISCONNECT AND REMOVE EXISTING VAV BOX FOR RELOCATION INCLUDING ALL ASSOCIATED PIPING, VALVES, SUPPORTS, INSULATION, ETC. CAP REMAINING HEATING PIPING.

- VENTILATION NOTES:**
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS.
 - COORDINATE ALL DUCTWORK INSTALLATION WITH GENERAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL CONTRACTORS. INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE. PROVIDE ALL NECESSARY OFFSETS (DROPS AND RISSES) TO KEEP DUCTWORK TIGHT TO THE STRUCTURE ABOVE AND INSTALLATION BY ALL TRADES. OFFSET DUCTWORK TO AVOID BEAMS.
 - REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS FOR CEILING TYPES, HEIGHTS, SOFFIT AREAS, AND ELEVATIONS FOR INSTALLATION OF NEW VENTILATION DUCTWORK, EQUIPMENT, ETC.
 - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE INSTALLATION OF NEW VENTILATION DUCTWORK, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
 - THIS CONTRACTOR SHALL OPEN ALL EXISTING WALLS AND/OR CEILINGS TO INSTALL NEW HVAC PIPING, EQUIPMENT, ETC. AS REQUIRED. PATCH WALLS AND/OR CEILINGS TO MATCH EXISTING.
 - MAINTAIN 3'-0" CLEAR SPACE IN FRONT OF ALL ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.
 - ALL DAMPERS, ETC., SHALL BE INSTALLED IN ACCESSIBLE CEILINGS.
 - ALL OPEN ENDS OF DUCTS SHALL BE CAPPED AT THE END OF CONSTRUCTION EACH DAY.
 - ALL VAV BOXES, TERMINAL COILS, ETC., SHALL BE LOCATED AS ACCESSIBLE AS POSSIBLE TO THE CONTROLLED DEVICE.
- RASE EXISTING DUCTWORK AS HIGH AS POSSIBLE AND PROVIDE NEW DUCTWORK AS REQUIRED TO CONNECT TO EXISTING DUCTS. DUCTWORK OVER THE DOOR OPENING SHALL BE A MINIMUM OF 7'-8" ABOVE FINISHED FLOOR.
 - RELOCATE EXISTING VAV BOX AS REQUIRED FOR NEW CONSTRUCTION INCLUDING ALL ASSOCIATED DUCTWORK, DAMPERS, ETC.
 - RELOCATE EXISTING MOTORIZED DAMPER AND ALL ASSOCIATED WIRING/TUBING. RELOCATE ALL EXISTING DUCT SENSORS AND ALL ASSOCIATED WIRING/TUBING. PROVIDE NEW WIRING/TUBING AS REQUIRED TO EXTEND EXISTING CONTROL COMPONENTS.
 - DELETE ALL WORK IN THIS AREA UNDER DEDUCT ALTERNATE NO. 1.
 - WORK ADDED IN THIS AREA UNDER DEDUCT ALTERNATE NO. 1.

- HVAC PIPING NOTES:**
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK AND NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES BETWEEN THE "AS-BUILT" CONDITIONS AND THESE DRAWINGS.
 - COORDINATE ALL HVAC PIPING INSTALLATION WITH GENERAL, PLUMBING, FIRE PROTECTION, VENTILATION, AND ELECTRICAL CONTRACTORS. INSTALL ALL HVAC PIPING AS HIGH AS POSSIBLE. PROVIDE ALL NECESSARY OFFSETS (DROPS AND RISSES) TO KEEP HVAC PIPING TIGHT TO THE STRUCTURE OR DUCTWORK ABOVE. OFFSET HVAC PIPING TO AVOID BEAMS AND INSTALLATION BY ALL TRADES.
 - REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS FOR CEILING TYPES, HEIGHTS, SOFFIT AREAS, AND ELEVATIONS FOR INSTALLATION OF NEW HVAC PIPING, EQUIPMENT, ETC.
 - THIS CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND RE-INSTALLING OF EXISTING CEILING TILE NOT REMOVED BY THE GENERAL CONTRACTOR FOR THE INSTALLATION OF NEW HVAC PIPING, EQUIPMENT, ETC. VERIFY WITH ARCHITECTURAL PLANS FOR CEILING WORK BY THE GENERAL CONTRACTOR. ANY CEILING TILE OR GRID DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW BY THIS CONTRACTOR.
 - THIS CONTRACTOR SHALL OPEN ALL EXISTING WALLS AND/OR CEILINGS TO INSTALL NEW HVAC PIPING, EQUIPMENT, ETC. AS REQUIRED. PATCH WALLS AND/OR CEILINGS TO MATCH EXISTING.
 - MAINTAIN 3'-0" CLEAR SPACE IN FRONT OF ALL ELECTRICAL, CONTROL, AND ACCESS PANELS FOR ACCESSIBILITY.
 - ALL SHUT-OFF VALVES, CONTROL VALVES, STRAINERS, ETC., SHALL BE INSTALLED IN ACCESSIBLE CEILINGS. VALVES SHALL BE LOCATED NOT MORE THAN 2 FEET ABOVE ACOUSTICAL CEILINGS.
 - SHUT-OFF VALVES FOR ALL TERMINAL DEVICES SHALL BE AS ACCESSIBLE AS POSSIBLE TO THE CONTROLLED DEVICE.
 - PROVIDE 1/2" DRAIN VALVE AT ALL LOW POINTS OF EACH SYSTEM TO ENABLE COMPLETE DRAINAGE. PROVIDE 1/2" VENT VALVES AT ALL HIGH POINTS OF EACH SYSTEM TO ENABLE COMPLETE VENTING.
 - RELOCATE EXISTING VAV BOX INCLUDING ALL ASSOCIATED PIPING, VALVES, CONTROLS, WIRING, ETC. PROVIDE ADDITIONAL WIRING AND ACCESSORIES AS REQUIRED TO RELOCATE THE EXISTING CONTROLS.

- PHASING NOTES**
- ALL WORK ON FOURTH FLOOR NORTH STAIR IS LOCATED WITHIN AN EXISTING MENTAL HEALTH WARD THAT IS LOCKED DOWN 24 HOURS A DAY 7 DAYS A WEEK. ALL WORK IN THIS AREA SHALL BE CAREFULLY COORDINATED WITH OWNER AND LOCAL STAFF IN ORDER TO PROCEED WITH WORK. WORK MUST BE COORDINATED A MINIMUM OF 2 WEEKS IN ADVANCE AND CARE MUST BE TAKEN TO KEEP WORKERS, STAFF, AND PATIENTS SAFE.



ATTIC DUCTWORK SECTION
1/4"-1'-0"

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<p>Dept. of Veterans Affairs Health Care System 2101 Elm Street North Fargo, ND 58102</p>		<p>IMAGE GROUP INC. 403 CENTER AVENUE, SUITE 300 MOORHEAD, MN 56560</p>		<p>ONE BUILDING SYSTEM CONSULTANTS Fargo • Grand Forks • Bismarck Alexandria • 877.380.0501</p>		<p>JOEL C. PECK PE - 6847 DATE 3/9/2014 NORTH DAKOTA</p>		<p>Drawing Title NORTH STAIR MECHANICAL PLANS - DEMOLITION AND NEW</p> <p>VA Project No. 437-14-101</p> <p>Building No. 1, 9, 46</p>		<p>Contract No. VA263-P-1217 VA263-C-</p> <p>AutoCAD File Name 2014003-H2.dwg</p>		<p>Project Title MODIFY ATTIC/PENTHOUSE</p> <p>Designed By JCP</p> <p>Checked By JCP</p> <p>Location FARGO VA HEALTH CARE SYSTEM FARGO, ND</p>		<p>Date March 12, 2014</p> <p>Scale 1/4"-1'-0"</p> <p>Drawing No. H2</p> <p>Dwg. 8 of 9</p>		<p>Department of Veterans Affairs</p>
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