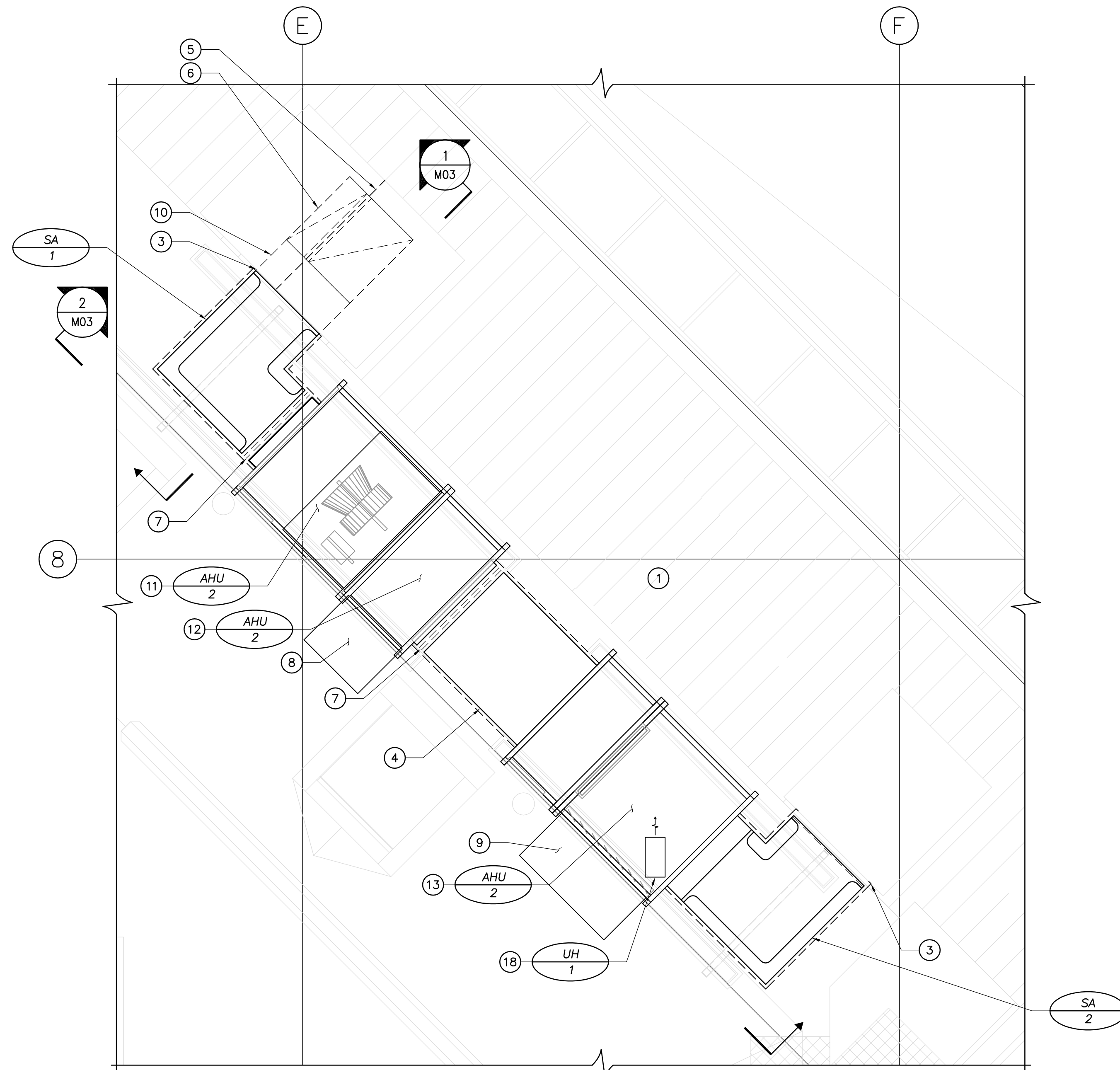
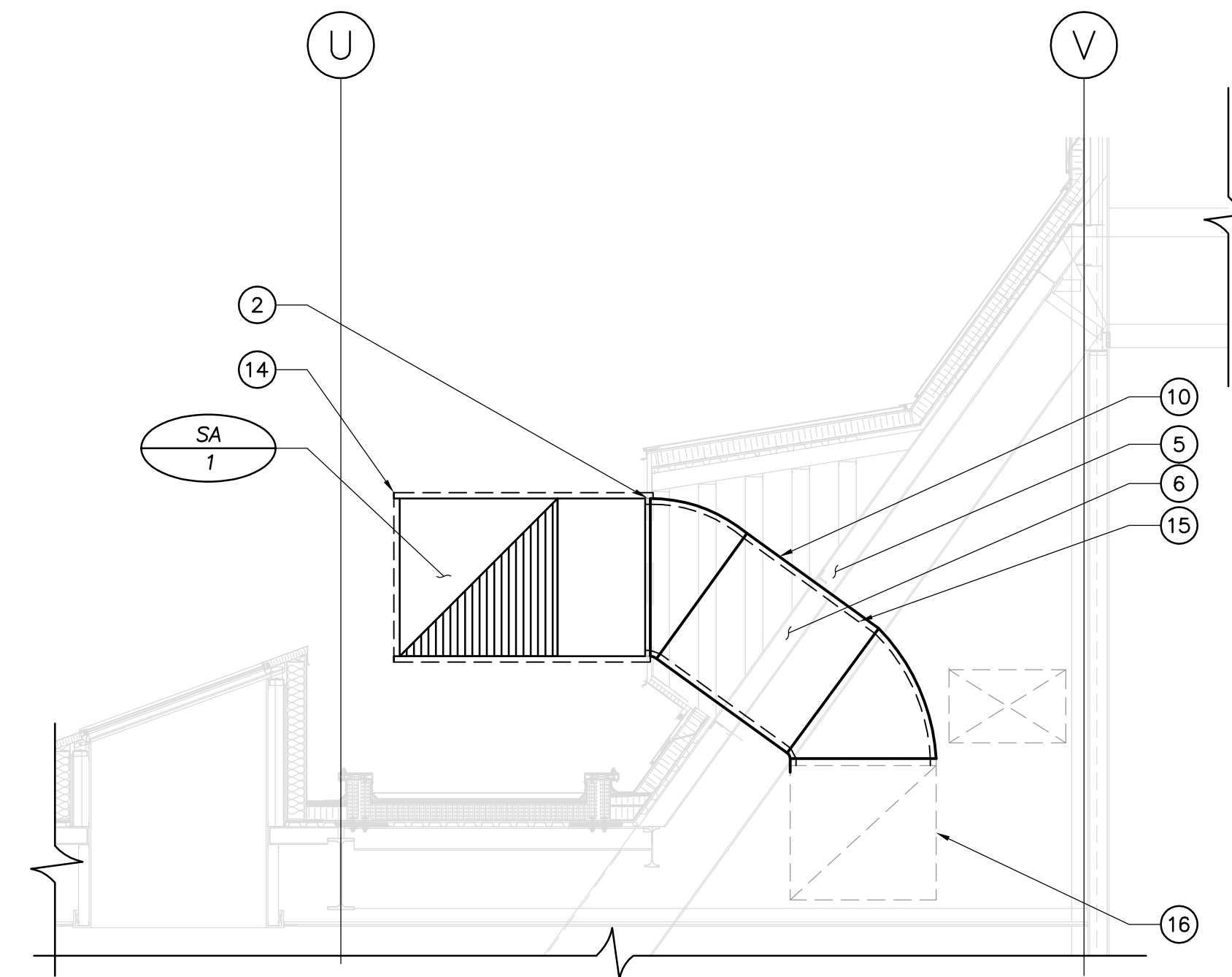


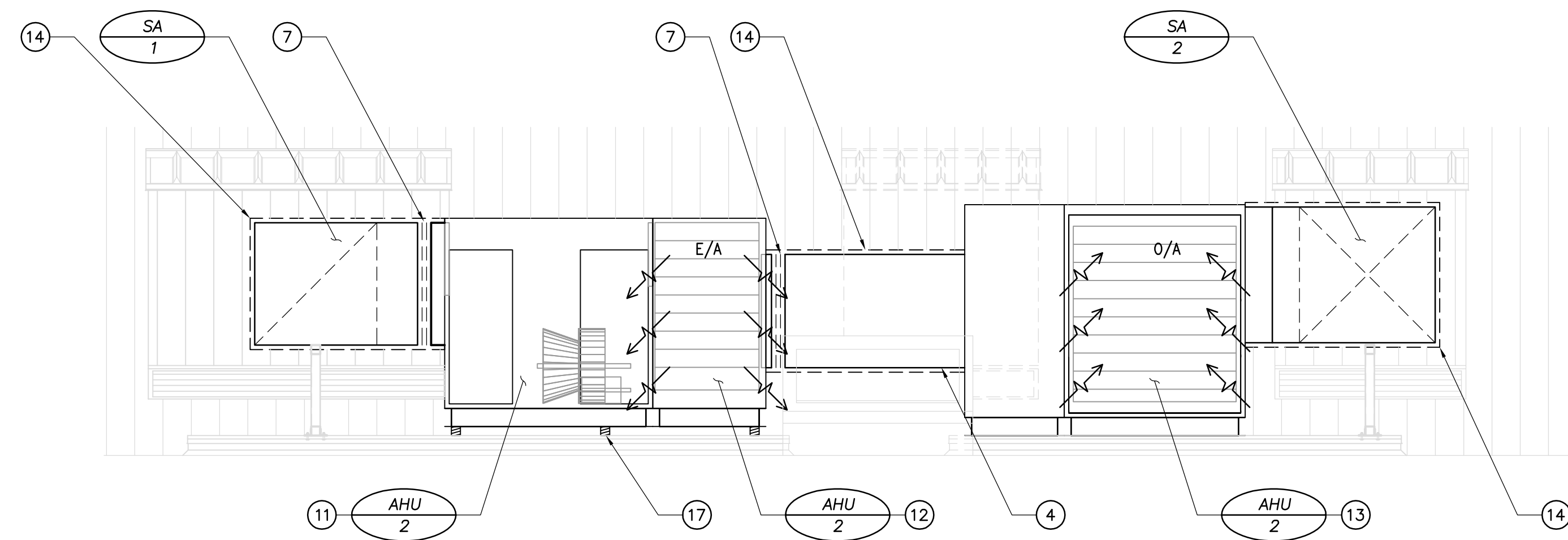
FILE NAME: XXXXXXXX.VXD.dwg11  
 DATE: 2009.02.25  
 DESCRIPTION: ROOF-HVAC PLAN  
 PROJECT No: 105808  
 ADDRESS: 251 DONALD STREET



**ROOF - HVAC PLAN**  
 SCALE 1/4"=1'-0"



**1 SECTION - SILENCER SA-1 SUPPORT**  
 SCALE 1/4"=1'-0"



**2 SECTION - AHU-2 SECTIONS 1 AND 2**  
 SCALE 1/4"=1'-0"

- NOTES :
- 1 EXISTING R/A DUCT PENTHOUSE ABANDONED.
  - 2 SILENCER SA-1 SHALL PENETRATE EXTERIOR FRONT FACE OF NEW DUCT PENTHOUSE MINIMUM 2 INCHES AND TIE INTO NEW 54"x54" DUCT.
  - 3 SILENCER SA-2 SHALL PENETRATE EXTERIOR FRONT FACE OF EXISTING DUCT PENTHOUSE MINIMUM 2 INCHES AND TIE INTO EXISTING 60"x60" DUCT.
  - 4 68"x50" RETURN AIR DUCT.
  - 5 EXISTING STRUCTURAL BEAM.
  - 6 NEW 54"x54" DUCT TO SPLIT AROUND EXISTING STRUCTURAL BEAM. DUCT SPLIT SIZE SHALL BE DETERMINED BY CONTRACTOR ON SITE.
  - 7 FLEX CONNECTOR.
  - 8 E/A RELIEF HOOD.
  - 9 O/A INTAKE HOOD.
  - 10 NEW 54"x54" DUCT.
  - 11 AHU-2 FAN SECTION.
  - 12 AHU-2 E/A SECTION.
  - 13 AHU-2 O/A MIXING SECTION.
  - 14 EXTERNAL THERMAL INSULATION WITH ALUMINUM METAL JACKETING.
  - 15 2" INTERNAL ACOUSTIC INSULATION CONTINUOUS FROM EXISTING SILENCER BELOW TO NEW SA-1 SILENCER.
  - 16 TIE NEW 54"x54" DUCT INTO EXISTING 50"x46" DUCT.
  - 17 AHU-2 FAN AND E/A SECTION SITTING ON VIBRATION ISOLATION RAIL.
  - 18 MOUNT UNIT HEATER INSIDE AHU-2.

GENERAL NOTES :

1. EXISTING DUCT SIZES AND LOCATIONS TO BE VERIFIED BY CONTRACTOR.

NO.	ISSUED FOR TENDER	DC	2009.02.25
NO.	REVISION/DESCRIPTION	BY	DATE

**AECOM**

DRAWN BY: DL  
 CHECKED BY: USER APPROVAL  
 DATE: 2009.02.25

CITY OF WINNIPEG  
 PLANNING, PROPERTY AND  
 DEVELOPMENT DEPARTMENT  
 CIVIC ACCOMMODATIONS DIVISION  
 300 - 65 GARRY ST. R3C 4K4

PROJECT  
 MILLENIUM LIBRARY  
 NOISE ABATEMENT  
 PHASE 1 - BID OPP. NO. 182-2009  
 251 DONALD STREET, WINNIPEG, MANITOBA

SHEET TITLE  
 MECHANICAL  
 ROOF  
 HVAC PLAN AND SECTIONS

**APEGM**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 Original dated on:  
 No. 4671 Date: \_\_\_\_\_

SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	2007-003	M03

DRAWING SHEET SIZE: A1 (841mm x 594mm) PLOT 1:1