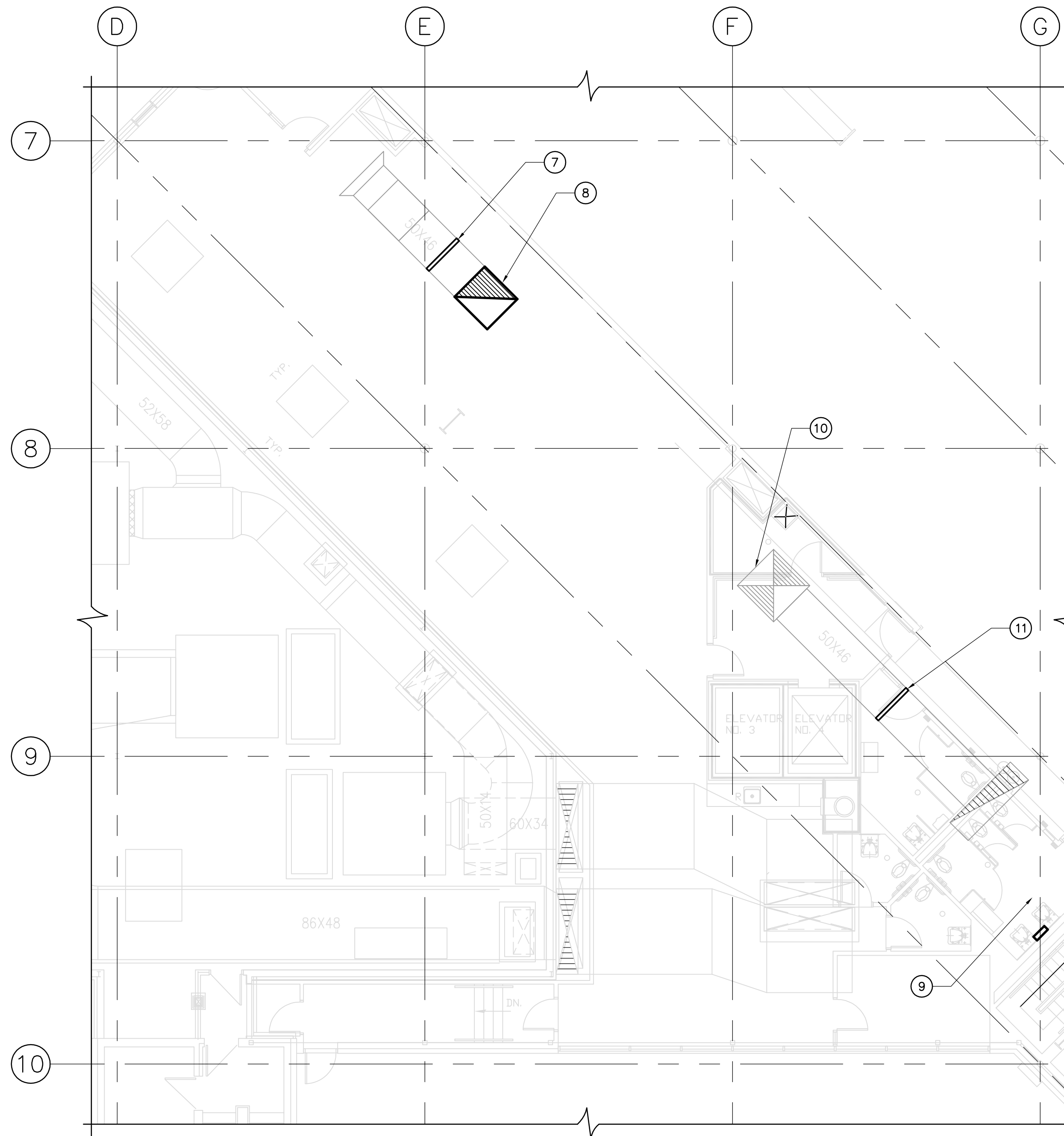


**FOURTH FLOOR HVAC DEMOLITION PLAN**  
SCALE: 1/8"=1'-0"



**FOURTH FLOOR HVAC PLAN**  
SCALE: 1/8"=1'-0"

- NOTES :
- 1 EXISTING SILENCER.
  - 2 EXISTING 50"x46" DUCT TO BE REMOVED.
  - 3 EXISTING RETURN FAN F-1 TO BE REMOVED. FAN TO BE LIFTED OUT OF EXISTING E/A PENTHOUSE.
  - 4 DISCONNECT EXISTING 50"x46" DUCT WHERE 60"x60" OUTSIDE AIR DUCT TEE'S IN.
  - 5 REMOVE EXISTING MOTORIZED DAMPER, ACTUATOR AND LINKAGES. PATCH DUCTWORK AND INSULATION AS REQUIRED.
  - 6 CUT BACK 50"x46" DUCT AS REQUIRED TO ACCOMMODATE NEW 90° ELBOW. REMOVE AND REINSTALL XXX SENSOR AS REQUIRED.
  - 7 NEW AIR FLOW SENSOR IN R/A DUCT.
  - 8 NEW 90° ELBOW TO CONNECT TO NEW 54"x54" VERTICAL DUCT RISING UP TO NEW DUCT PENTHOUSE. INSTALL 2" ACOUSTIC LINER FROM EXISTING SILENCER TO NEW SA-1 SILENCER. INSTALL TURNING VANES.
  - 9 AHU-1 LOCATED IN 5TH FLOOR MECHANICAL ROOM.
  - 10 INSTALL TURNING VANES AT THIS ELBOW. CLOSE UP DUCT WHERE 50"x46" DUCT WAS DISCONNECTED FROM TEE AND INSULATE.
  - 11 NEW AIR FLOW SENSOR IN S/A DUCT.

GENERAL NOTES :

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



- REMOVE EXISTING RETURN FAN F-1 FROM DUCT PENTHOUSE
- REMOVE EXISTING E/A INTAKE HOOD
- REMOVE EXISTING O/A INTAKE HOOD

**1 DEMOLITION - EXISTING ROOF**  
M02 NTS

00	ISSUED FOR TENDER	DC	2009.04.15
NO.	REVISION/DESCRIPTION	BY	DATE



DRAWN BY	DL	CHECKED BY	APPROVED
DATE	2009.02.25	USER APPROVAL	

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

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

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

SHEET TITLE  
MECHANICAL  
FOURTH FLOOR  
HVAC AND DEMOLITION PLANS

SCALE	PROJECT NO.	SHEET NO.
AS SHOWN	2007-003	M02