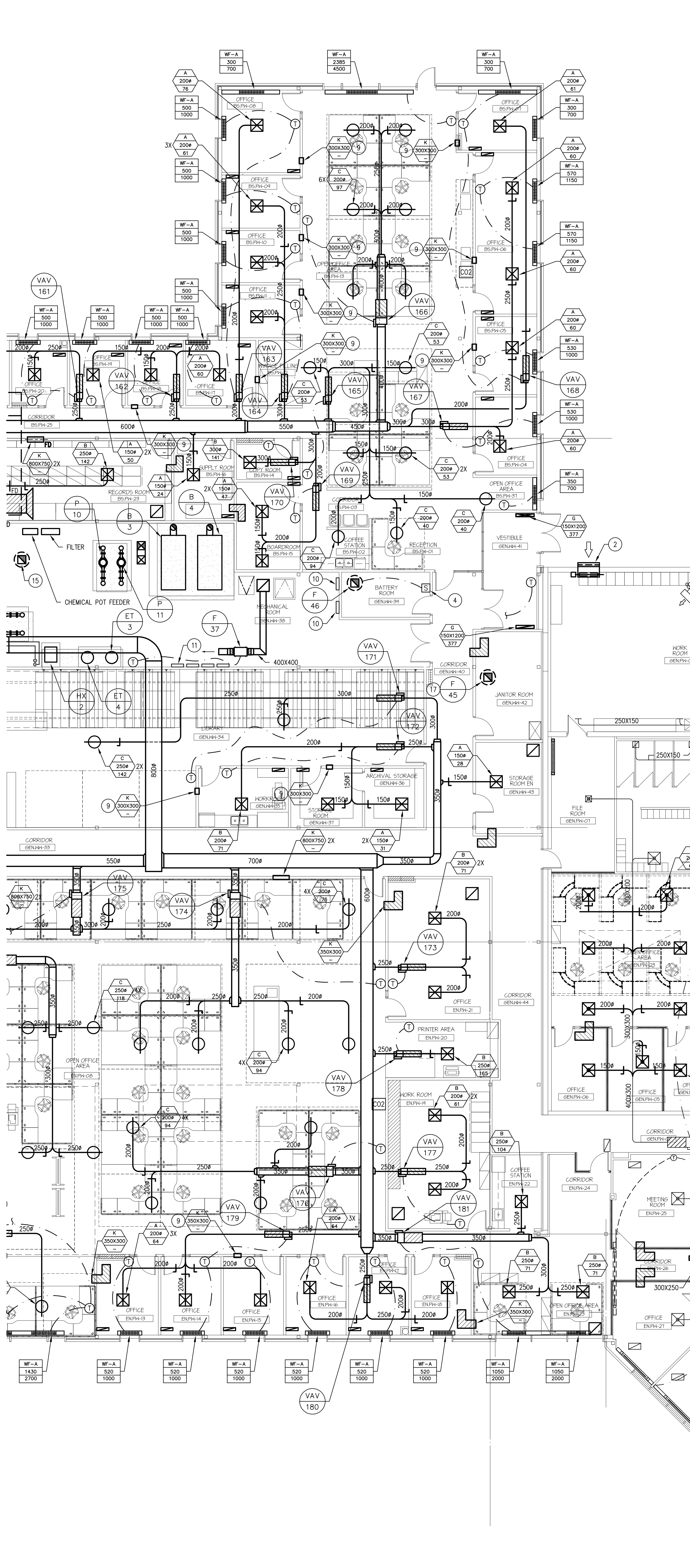
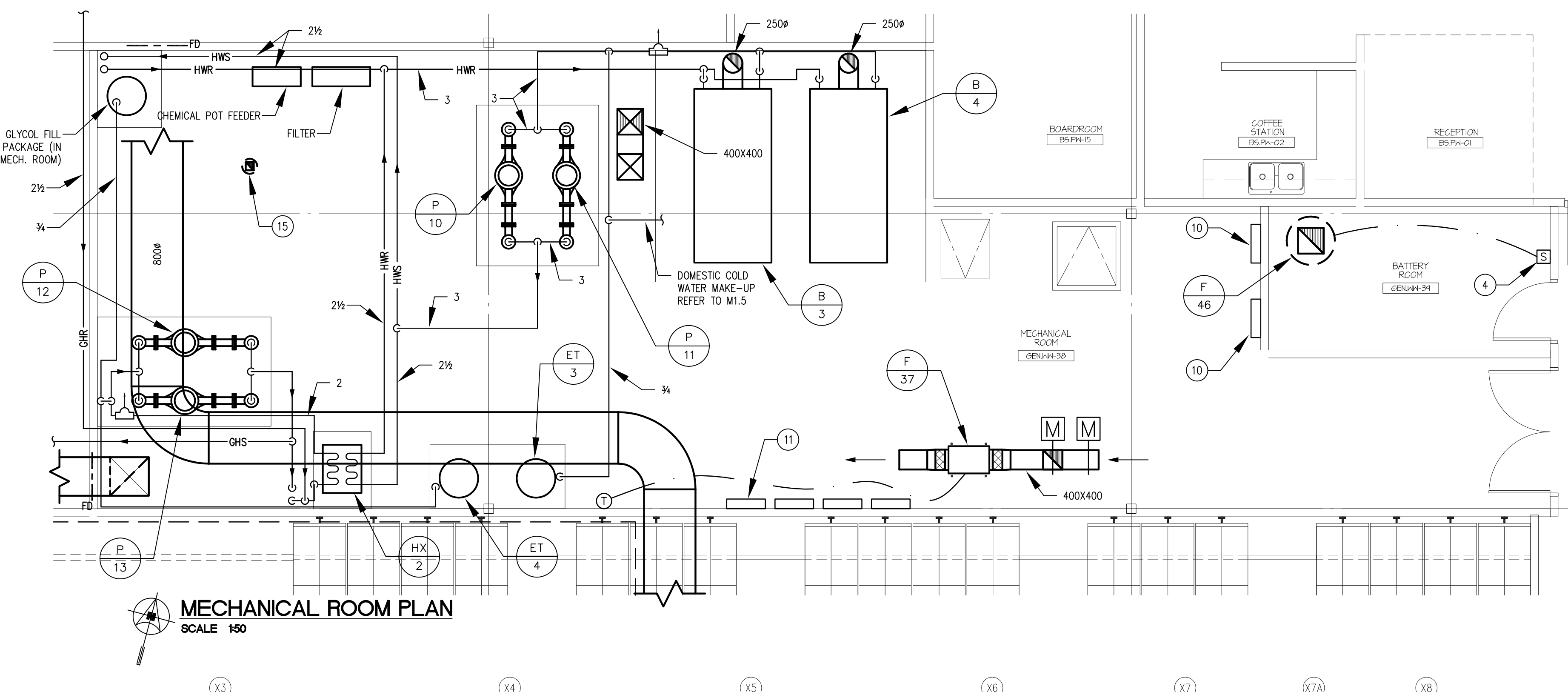


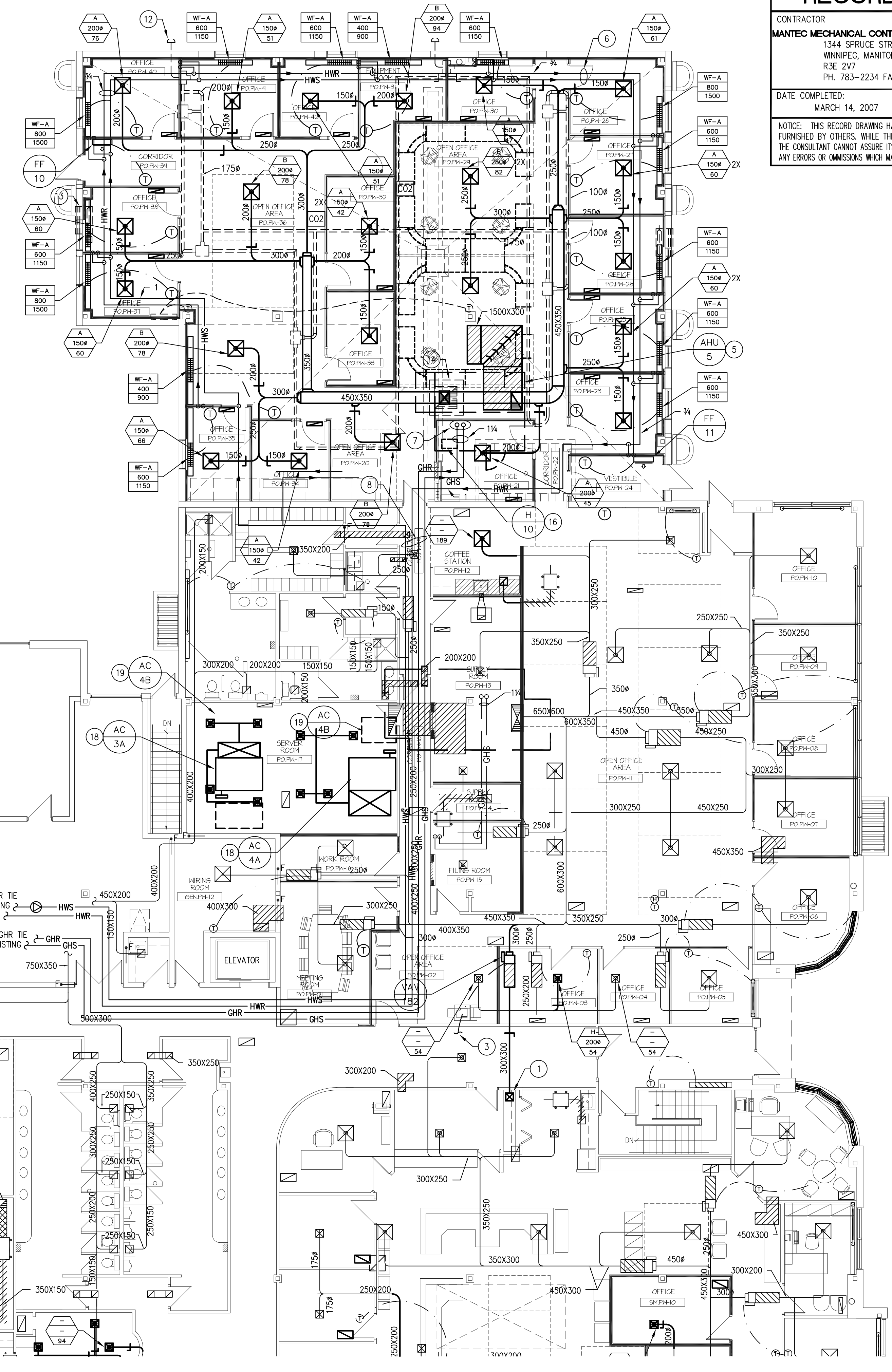
- GENERAL NOTES:**
- RETURN GRILLES IN ACOUSTIC TILE CEILINGS ARE TO BE 600X150 OR 600X300 AS SHOWN ON PLANS.
  - ALL CONTROL VALVES FOR WALL-FPN TO BE LOCATED IN THE OFFICE SPACE. (NEW ADDITION ONLY)
  - VESTIBULE FAN COIL UNITS TO HAVE FAN CYCLE TO MAINTAIN SET POINT.
  - AHU-5 TO HAVE A 3-WAY CONTROL VALVE ON THE HEATING COIL.
  - DN 15000 TO PROVIDE CONTROL TRANSFORMERS AND WIRING TO DEVICES, DIV 16 TO PROVIDE 120V POWER TO TRANSFORMERS.
  - DOC SENSORS ARE TO BE MOUNTED IN EACH OF THE 5 AHU SERVICE CORRIDORS TO MONITOR SPACE CONDITIONS.
  - ALL EXPOSED ROUND DUCTWORK TO BE SPIRAL DUCTWORK.
  - EXISTING HEATING PUMPS AND AIR HANDLING UNITS TO BE REBALANCED.
  - TRANSFER ELBOWS WITHOUT ATTACHED GRILLE TO BE 300X300 UNLESS NOTED OTHERWISE. TRANSFER ELBOWS WITH GRILLE ARE TO BE THE SIZE OF THE GRILLE UNLESS NOTED OTHERWISE.
  - ALL GAS FIRED RADIANT HEATING EQUIPMENT TO BE REMOVED FROM FORMER GARAGE AREA.

**DRAWING NOTES:**

- 300X300 SUPPLY DUCT DOWN TO CRAWLSPACE/BASEMENT BELOW.
- 600X900 LOUVER AND MOTORIZED DAMPER RELOCATED.
- DOWN TO THERMOSTAT IN BASEMENT.
- HYDROSEN SENSOR MOUNTED 300mm BELOW CEILING OR IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SENSOR TO PROVIDE POINTS FOR EXHAUST FAN OPERATION.
- AHU-5 ROOFTOP MOUNTED AIR HANDLING UNIT. CONSTANT VOLUME.
- HEATING SUPPLY AND RETURN PIPING RUN IN CEILING SPACE.
- GLYCOL SUPPLY AND RETURN UP TO ROOFTOP AIR HANDLING UNIT.
- GHS, GHR, HWS AND HWR PIPING, RUN IN MAIN FLOOR CEILING.
- PROVIDE SOUND Baffle AT TRANSFER OPENING. REFER TO SPECIFICATION DETAILS. INSTALL FOR SIDEWALL APPLICATION.
- METASTAS CONTROL PANELS.
- VARIABLE FREQUENCY DRIVES FOR PUMPS.
- EXISTING VACUUM PUMPS SERVING GAS-FIRED RADIANT HEATERS TO BE REMOVED.
- EXISTING FAN/DAMPER TO BE REMOVED.
- EXISTING ROOFTOP RELIEF TO BE REMOVED.
- EXISTING ROOM VENT OPENING. REFER TO M2.3.
- HUMIDIFIER MOUNTED IN AIR HANDLING UNIT SERVICE CORRIDOR.
- EXHAUST FAN C/W 300X300 DUCT TO TYPE E EGG CRATE CEILING.
- LIBERTY MINI MATE 2, 8-TON AIR COOLED UNIT MOUNTED IN CEILING SPACE.
- LIBERTY AIR COOLED CONDENSING UNIT MOUNTED ON ROOF.



FOR CONTINUATION, REFER TO DRAWING M2.3



**RECORD DRAWING**

CONTRACTOR:  
**MANTEC MECHANICAL CONTRACTORS AND AIR CONDITIONING LTD**  
 1344 SPRUCE STREET  
 WINNIPEG, MANITOBA  
 R3E 2V7  
 PH: 783-2234 FAX: 783-2235

DATE COMPLETED: MARCH 14, 2007  
 SIGNED BY: BUD MELNYK

NOTICE: THIS RECORD DRAWING HAS BEEN PREPARED, BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, THE CONTRACTOR CANNOT ASSURE ITS ACCURACY, AND HAS NO RESPONSIBILITY FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT.

**SMS ENGINEERING**

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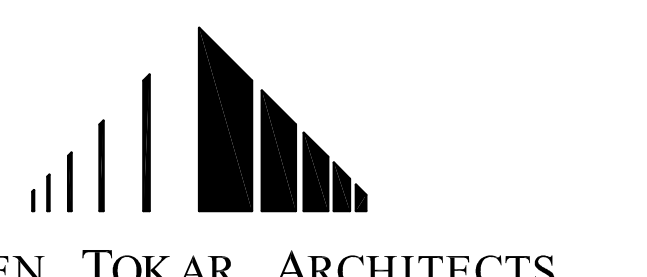
ORIGINAL CONTRACT DRAWING  
 BORNED AND SEALED BY  
 V.S. WALLACE P. ENG  
 MAY 14, 2004

**APECM**  
 Certificate of Authorization  
 SMS Engineering Ltd.  
 No. 166 Expiry: April 30, 2006

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 This drawing shall not be used for building purposes until countersigned by:

THE CITY OF WINNIPEG

OFFICE ADDITION AND RENOVATION  
 1155 PACIFIC AVENUE  
 WINNIPEG, MANITOBA



FRIESEN TOKAR ARCHITECTS

CONTRACT NO: 01716  
 DATE: APRIL 3, 2007  
 MAIN FLOOR PLAN - PART B  
 H.V.A.C. **M2.4AB**

MAIN FLOOR PLAN - PART B  
 SCALE 1:100

FOR CONTINUATION, REFER TO DRAWING M2.5