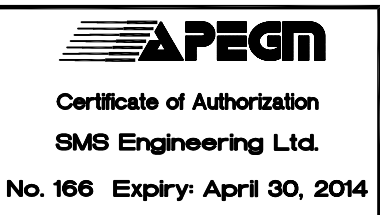


KEY PLAN



SMS ENGINEERING

SMS Engineering Ltd. Consulting Engineers
770 Bradford Street Winnipeg MB Canada R3M 0K3
Telephone: 204.775.0291 Fax: 204.772.2153
sms@smseng.com

13-130-01

DO NOT SCALE DRAWINGS

5		
4	Issued for Tender and Construction	Oct 10, 13
3	99% Construction Documents	Aug 30, 13
2	50% Construction Document Submission	Jul 19, 13
1	Design Development Submission	Jun 21, 13
0	Pre Design	Jun 21, 13
Revision/	Description/Description	Date/Date
Revision/		

Client/client

Public Works and
Government Services
Canada

167 Lombard Avenue
Winnipeg, Manitoba

Project title/Titre du projet

Lab Renovations
Morden Research Station
Morden, Manitoba

Agriculture and Agri-Food
Canada

Approved by/Approuvé par

CO

Designed by/Concept par

RE

Drawn by/Dessiné par

JPL

PWGSC Project Manager/Administrateur de Projets TP50C

Steve Milville

PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TP50C

Client/client

PWGSC

Drawing title/Titre du dessin

HVAC Construction Plan
Laboratory Rooms:
163, 164, 166, 167, 168, 169, 170,
171, 173-1

Project No./No. du projet

R.059536.001

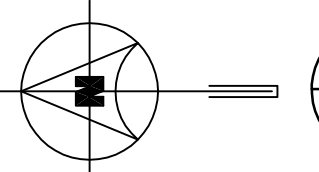
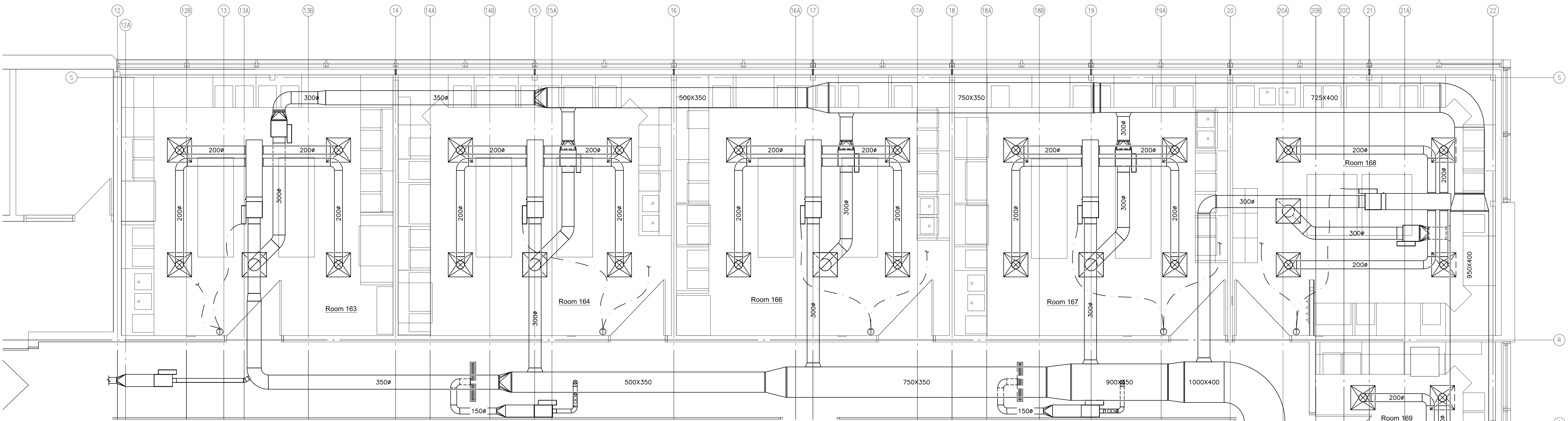
Sheet/Feuille

M3.3

14 OF 14

Revision no./
La Revision
no.

4



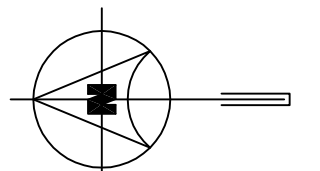
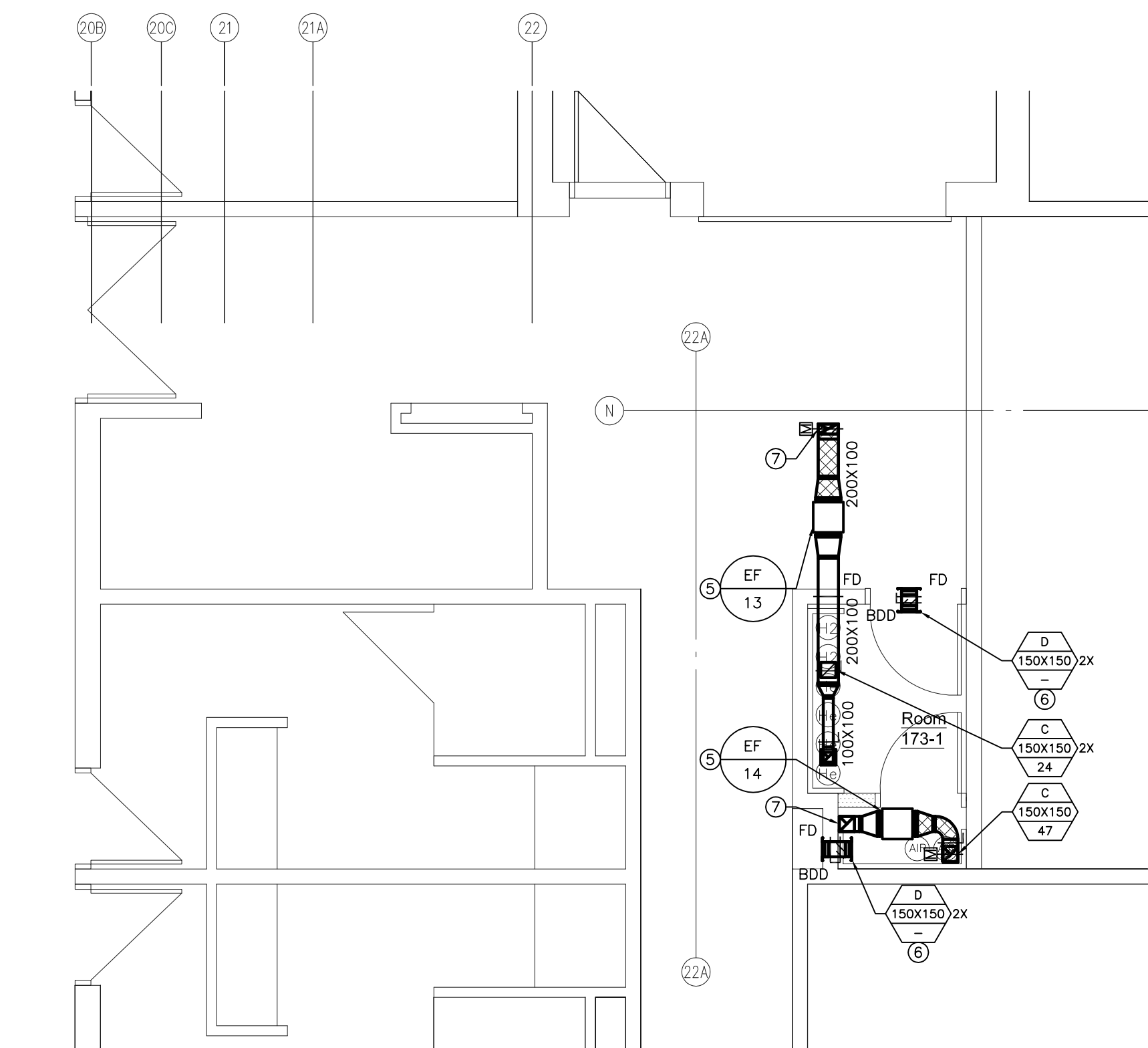
1 HVAC MAIN FLOOR CONSTRUCTION PLAN
SCALE: 1:50

GENERAL NOTES

- DO NOT SCALE OFF THIS DRAWING. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND SHALL REPORT ANY DISCREPANCY TO DEPARTMENTAL REPRESENTATIVE.
- ALL EXISTING EQUIPMENT AND ASSOCIATED PIPES AND DUCTWORK TO REMAIN UNLESS OTHERWISE NOTED.
- CONFIRM EXACT SIZES AND LOCATIONS FOR ALL EXISTING SERVICES.

KEY NOTES

- NEW CHEMICAL STORAGE (ACID, BASE, SOLVENT) CABINET BELOW EXISTING FUME HOOD (CABINET PROVIDED BY GENERAL CONTRACTOR).
- RELOCATED FUME HOOD (RELOCATED FROM ROOM 148-1).
- NEW EXHAUST DUCT (STAINLESS STEEL/WELDED). RECONNECT TO RELOCATED FUME HOOD. RECONNECT TO EXISTING STAINLESS STEEL EXHAUST DUCT APPROXIMATELY AS SHOWN.
- RECONNECT EXISTING EXHAUST DROP TO NEW CHEMICAL STORAGE (ACID, BASE) CABINET BELOW FUME HOOD. COORDINATE EXACT CONNECTION ON SITE.
- NEW EXHAUST FAN SUSPENDED FROM UNDERSIDE OF STRUCTURE. ASSOCIATED EXHAUST DUCTWORK SHALL BE GAS-TIGHT/WELDED.
- TRANSFER AIR OPENING C/W SIDEWALL GRILLES ON BOTH SIDES. PROVIDE FIRE DAMPER AND BACKDRAFT DAMPER AS SHOWN.
- EXHAUST DUCT UP TO GOOSENECK TERMINATION ON ROOF. TERMINATE 600MM ABOVE ROOF. PROVIDE 12mm BIRDSCREEN ON OPEN END.



2 MAIN FLOOR PARTIAL PLAN - HVAC
SCALE: 1:50