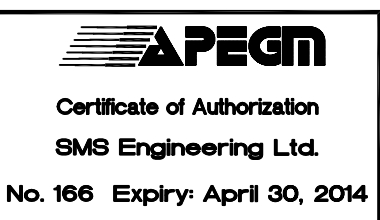


KEY PLAN



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 TPSC

Steve Milville

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

-

Client/client

PWGSC

Drawing title/Titre du dessin

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

Project No./No. du projet

R.059536.001

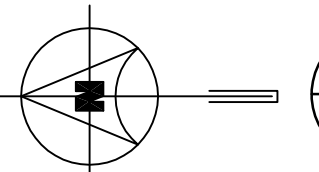
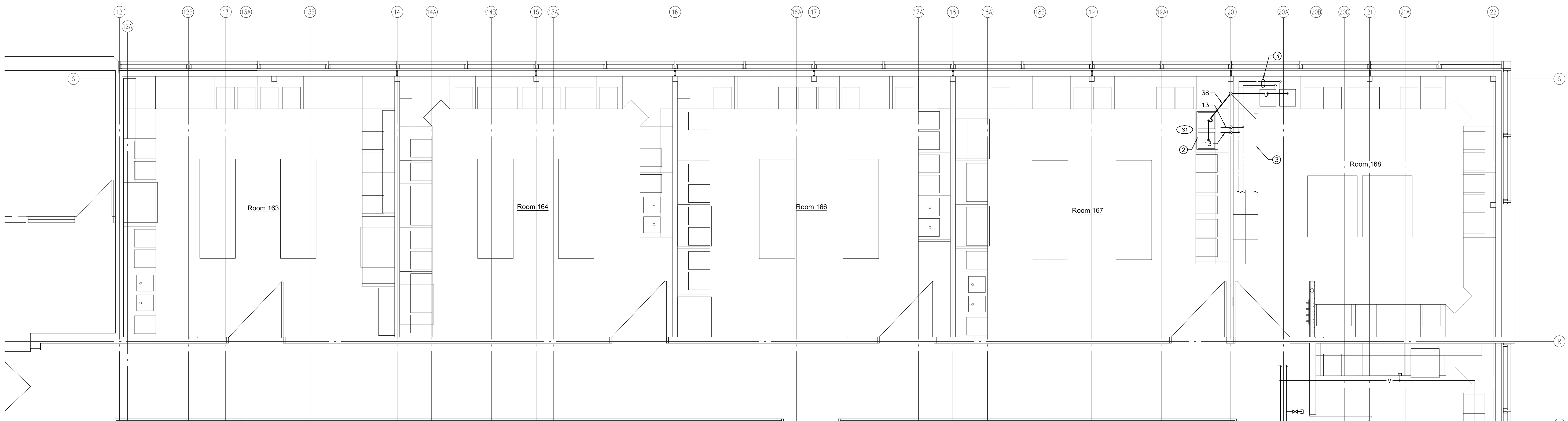
Sheet/Feuille

M2.3

11 OF 14

Revision no./
La Revision
no.

4



1 PLUMBING MAIN FLOOR CONSTRUCTION PLAN

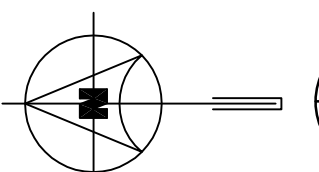
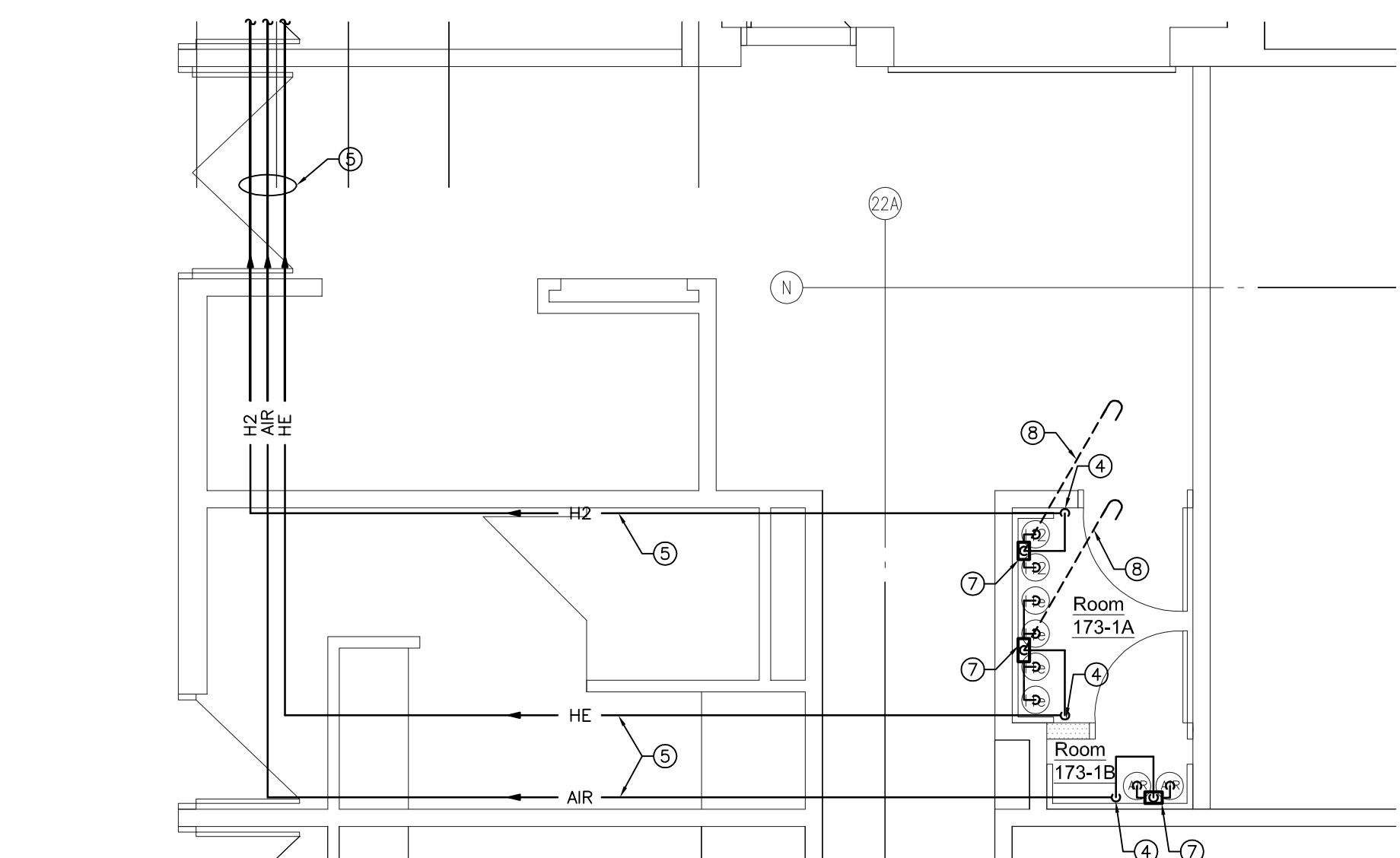
M2.3
SCALE: 1:50

GENERAL NOTES

- DO NOT SCALE OFF THIS DRAWING. CONTRACTOR SHALL 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.

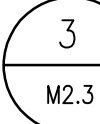
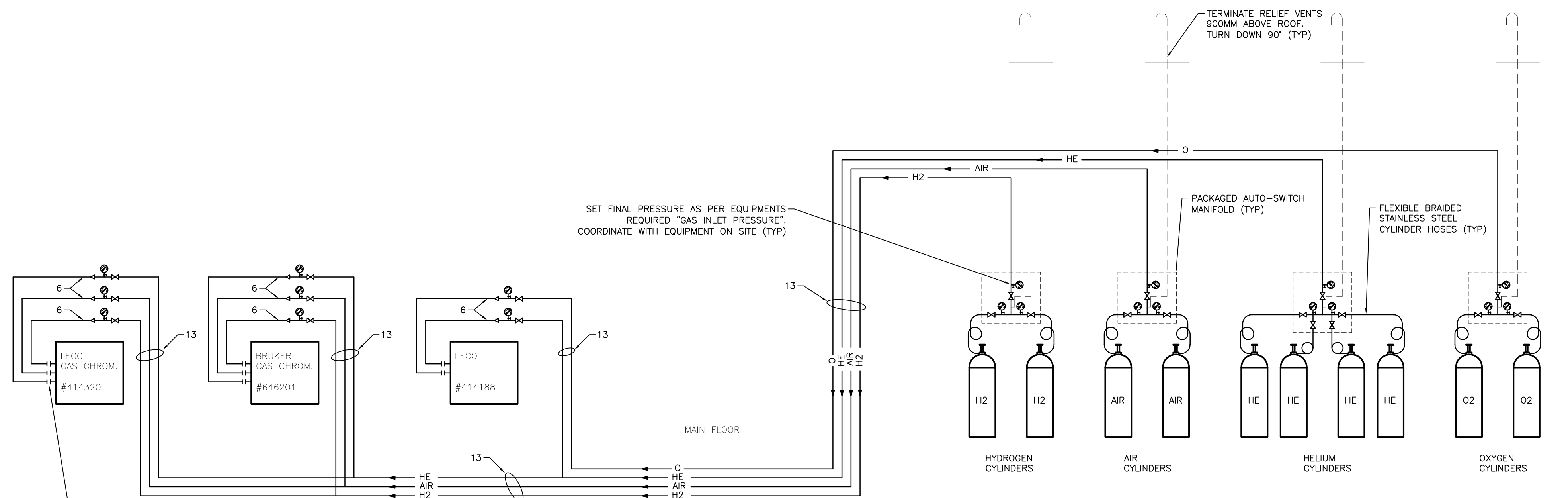
KEY NOTES

- NEW DISHWASHER. PROVIDE NEW PLUMBING SERVICES (38mm DRAIN, 13mm HOT WATER, 13mm DISTILLED WATER). GENERAL CONTRACTOR TO TIE INTO EXISTING PLUMBING APPROXIMATELY AS SHOWN.
- NEW SINK. PROVIDE PLUMBING SERVICES (13mm HOT/COLD, 38mm DRAIN) GENERAL CONTRACTOR TO TIE INTO EXISTING SERVICES APPROXIMATELY AS SHOWN.
- EXISTING PLUMBING SERVICES LOCATED IN CRAWLSPACE. SHOWN FOR GENERAL INFORMATION PURPOSES ONLY.
- NEW GASES DROP DOWN TO CRAWLSPACE. (OXYGEN, HELIUM, AIR, HYDROGEN).
- NEW LAB GAS PIPING RUN IN CRAWLSPACE BELOW. SHOWN ON MAIN FLOOR PLAN FOR GENERAL INFORMATION/CLARITY ONLY.
- PIPE NEW GASES UP TO EQUIPMENT IN RM.170 ON MAIN FLOOR ABOVE. REFER TO PIPING SCHEMATIC ON THIS SHEET.
- REFER TO PIPING SCHEMATIC ON THIS SHEET FOR CYLINDER MANIFOLD PIPING.
- RELIEF VENTS UP THRU ROOF. REFER TO PIPING SCHEMATIC ON THIS SHEET FOR CYLINDER MANIFOLD PIPING.
- SEAL PIPE PENETRATION WEATHER/WATER TIGHT.



2 PLUMBING PARTIAL MAIN FLOOR PLAN

M2.3
SCALE: 1:50



3 PIPING SCHEMATIC

M2.3
SCALE: 1:50