

KEY PLAN



SMS ENGINEERING

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DO NOT SCALE DRAWINGS

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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

ALG

Designed by/Concept par

ALG

Drawn by/Dessiné par

IN

PWGSC Project Manager/Administrateur de Projets TP5GC

Steve Milville

PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TP5GC

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Client/client

PWGSC

Drawing title/Titre du dessin

Electrical Construction Plan
Laboratory Rooms:
141,143,144,145,146,147,148,148-1,149,
150,151

Project No./No. du projet

R.059536.001

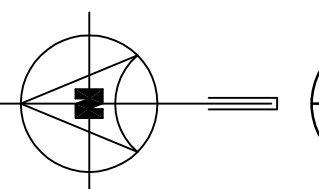
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E2.2

7 OF 9

Revision no./
La Revision
no.

4



1 ELECTRICAL MAIN FLOOR CONSTRUCTION PLAN

E2.2 SCALE: 1:50

KEY NOTES

- CONNECT NEW DISHWASHER TO EXISTING 208V/1Ø POWER OUTLET.
- OPEN NUMBER.
- EXISTING OUTLET TO REMAIN, NEW EQUIPMENT TO PLUG INTO DEVICE.
- PROVIDE NEW DATA CABLE DROPS INTO EXISTING WIREMOLD G4000 SERIES WIREWAY. EXTEND NEW CABLES VIA NEW 'J' HOOKS IN CEILING SPACE TO NORTH LAN ROOM.
- PROVIDE A 15A-2P BREAKER IN PANEL NL-700 AND CONNECT WITH 2 #12 IN CONDUIT.
- EXISTING FUME HOOD TO BE DISCONNECTED AND RE-CONNECTED ONCE INSTALLED ON NEW LOWER CABINET.
- NEW 120V/1Ø 15A SEPARATE CIRCUIT DUPLEX RECEPTACLE. CONNECT TO CIRCUIT AS SHOWN.
- PROVIDE A NEW 30A-2P BREAKER IN PANEL NL-1200 AND CONNECT NEW DISHWASHER WITH 3 #10 IN CONDUIT. RUN CONDUIT AND WIRE IN CRAWLSPACE.
- BOND EACH NEW CHEMICAL STORAGE CABINET WITH AN FT-4 RATED #6AWG CONDUCTOR BACK TO NEAREST POWER PANEL. INSTALL CONDUCTOR IN FLEX CONDUIT DOWN WALL. PROVIDE A LUG AT CABINET AND PANEL AS REQUIRED.