



MAIN FLOOR PLAN  
NEW CONSTRUCTION

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SCALE: 1:100

GENERAL NOTES:

1. ENSURE CONDUIT IN EXISTING GREENHOUSE DOES NOT "SHADOW" THE EXISTING COMPARTMENTS. CONTINUE CONDUIT ROUTE UNDER SLAB IN NEW ADDITION.
2. SEE GREENHOUSE DRAWING GHE-02/03/04 FOR ALL ELECTRICAL EQUIPMENT CONNECTIONS.
3. STAINLESS STEEL SCREWS REQUIRED FOR ALL ATTACHMENTS.

NOTES:

1. REPLACE EXISTING 75KVA TRANSFORMER WITH 112.5KVA TRANSFORMER. NEW CABLE FROM CDP-E1 TO TRANSFORMER AND TRANSFORMER TO LP-E2 REQUIRED. CONFIRM IF EXISTING CONDUIT IS SUFFICIENT TO REUSE FOR NEW WIRE. REPLACE CONDUIT AS REQUIRED. CURRENT TRANSFORMER STAND IS SIZED FOR A 75 KVA TRANSFORMER. PROVIDE STAMPED SHOP DRAWINGS OF NEW 112.5 KVA TRANSFORMER STAND FOR APPROVAL.
2. RELOCATE DOWNSPOUT ELECTRIC HEAT TRACE TO NEW DOWNSPOUTS. EXTEND EXISTING CIRCUITS FROM HEAT TRACE CONTROL PANEL.
3. POWER FOR DOOR OPERATORS FROM GREENHOUSE CONTROL PANELS. SEE GREENHOUSE SPECIFICATIONS FOR DETAILS.

LEGEND:

- EXIT LIGHT
- PANELBOARD
- TRANSFORMER / EQUIPMENT
- CONDUIT DIRECTION UP
- CONDUIT ROUTE
- DOOR OPERATOR

Design Team Consultant

KGS GROUP | CONSULTING  
ENGINEERS

PUBLIC WORKS &  
GOVERNMENT  
SERVICES CANADA

MORDEN, MANITOBA  
101 ROUTE 100, UNIT 100

MORDEN RESEARCH  
AND DEVELOPMENT CENTRE  
GREENHOUSE EXTENSION

Designed by Conçu par  
CPS

Drawn by Dessiné par  
RAH

Approved by Approuvé par  
BRAD SITARZ

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Drawing title Titre du dessin

ELECTRICAL  
MAIN FLOOR PLAN  
NEW CONSTRUCTION  
POWER LAYOUT

Project no./No. du projet Drawing no./No. du dessin Revision no.

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