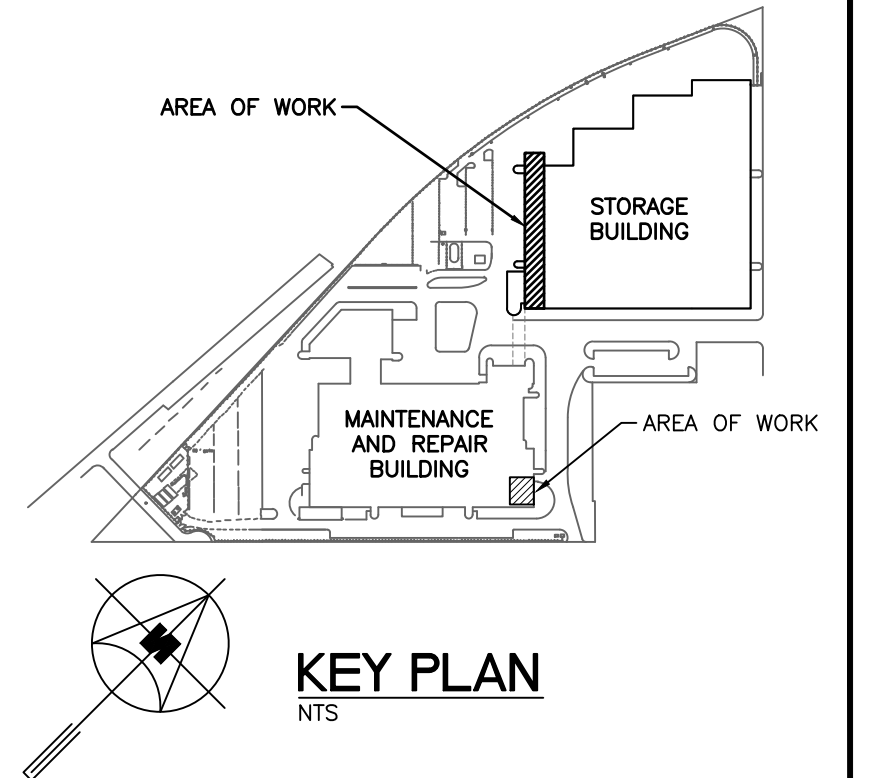


**GENERAL NOTES**

- A. ELECTRICAL SUBCONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING EXACT LAYOUT, ROUTING, ETC. VERIFY EXISTING SERVICES ON SITE.
- B. ELECTRICAL SUBCONTRACTOR SHALL ENSURE COORDINATION BETWEEN ALL TRADES AND CONSULTANT, ON AND OFF SITE, AS REQUIRED FOR INSTALLATION OF ELECTRICAL EQUIPMENT.
- C. FINAL CONNECTIONS TO EQUIPMENT AND INTER-CONNECTIONS BETWEEN EQUIPMENT WHERE NECESSARY ARE TO BE MADE BY ELECTRICAL SUBCONTRACTOR.
- D. CONFIRM ALL EQUIPMENT CONNECTIONS AND ELECTRICAL REQUIREMENTS WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. MAKE ADJUSTMENTS AND INSTALL AS PER SUPPLIER'S REQUIREMENTS AT NO ADDITIONAL CHARGE.
- E. THIS BUILDING MAY CONTAIN ASBESTOS. REFER TO FRONT END SPECIFICATIONS FOR FURTHER INFORMATION.
- F. COORDINATE FINAL LOCATION OF ALL EQUIPMENT WITH MECHANICAL.
- G. COORDINATE WITH THE CITY PRIOR TO SHUT-DOWN OR REMOVAL OF EQUIPMENT.
- H. UPDATE LAMACOID LABELS AND PANEL DIRECTORIES FOR ALL EXISTING PANELS AFFECTED BY THE SCOPE OF WORK (DEMOLITION AND NEW CONSTRUCTION).
- I. REMOVE ALL ABANDONED EQUIPMENT AND SERVICES WITHIN AREA OF WORK.
- J. FIRE STOP AROUND ALL NEW PENETRATIONS.
- K. PROVIDE AND INSTALL NEW WIRING IN CONDUIT SERVING NEW INFRA RED HEATERS FOR WIRING REMOVED DURING DEMOLITION.
- L. THIS BUILDING MAY CONTAIN ASBESTOS. REFER TO FRONT END SPECIFICATIONS FOR FURTHER INFORMATION.

**KEY NOTES**

- 1. PROVIDE AND INSTALL NEW CEILING MOUNTED RECEPTACLE FOR EACH INFRA RED HEATER. WIRE AND CONNECT TO CIRCUIT AS INDICATED. IF EXISTING WIRING DID NOT PASS INSPECTION AND TESTING (REFER TO DEMOLITION NOTE 1 ON DRAWING E1.1), PROVIDE NEW WIRING IN EXISTING CONDUIT. EXTEND CONDUIT AS REQUIRED. IF EXISTING WIRING PASSED INSPECTION AND TESTING, RE-USE EXISTING WIRING TO CONNECT TO CIRCUIT AS INDICATED. EXTEND WIRE, CONDUIT, ETC. AS REQUIRED. COORDINATE WITH MECHANICAL FOR EXACT LOCATION ON SITE.
- 2. RE USE EXISTING BREAKER IN EXISTING PANEL LP-GG FOR CIRCUIT SERVING NEW INFRA RED HEATERS.
- 3. PROVIDE AND INSTALL NEW CEILING MOUNTED RECEPTACLE FOR NEW INFRA RED HEATER. WIRE AND CONNECT TO CIRCUIT AS SHOWN. COORDINATE WITH MECHANICAL FOR EXACT LOCATION ON SITE.
- 4. SUPPLY AND INSTALL NEW 15A-1P BREAKER IN EXISTING PANEL LP-GT FOR CIRCUIT SERVING NEW INFRA RED HEATERS AND EXTERIOR SNOW MELT RADIANT FLOOR CONTROLLER. BREAKERS TO MATCH EXISTING IN ALL RESPECTS.
- 5. WIRE AND CONNECT NEW ROLL-UP DOOR INSTALLED BY MECHANICAL. COORDINATE EXACT LOCATION OF DOOR CONTROL PANEL ON SITE BEFORE ROUGH IN. CONNECT ALL ASSOCIATED DEVICES/EQUIPMENT (IN-FLOOR SENSOR, TRAFFIC LIGHTS, ETC.). COORDINATE WITH MECHANICAL. REFER TO MECHANICAL DRAWINGS AND MOTOR SCHEDULE FOR FURTHER DETAILS.
- 6. SUPPLY AND INSTALL NEW 15A-3P, 600V BREAKERS IN EXISTING CDP PP-KK FOR CIRCUITS SERVING NEW ROLL UP DOORS RRD-1 AND RRD-2. BREAKERS TO MATCH EXISTING IN ALL RESPECTS.
- 7. SUPPLY AND INSTALL NEW 15A-3P, 600V BREAKERS IN EXISTING CDP PP-DD FOR CIRCUITS SERVING NEW ROLL UP DOORS RRD-3 AND RRD-4. BREAKERS TO MATCH EXISTING IN ALL RESPECTS.
- 8. PROVIDE 4' X 6' RECTANGULAR DETECTION LOOP USING SAW CUT APPROXIMATELY 1" DEEP X 1/8" WIDE, CHAMFER CORNERS. PROVIDE #16 AND LOOP DETECTION WIRING RATED FOR DIRECT BURIAL WITH XLPE INSULATION. LEAD-IN WIRING (FROM GROUND LOOP TO CONTROL PANEL) TO BE TWISTED MINIMUM 6 TURNS PER FOOT. USE CONTINUOUS LENGTHS OF WIRING WITHOUT JOINTS. ALL ABOVE-GROUND WIRING TO BE IN CONDUIT. PROVIDE BACKER ROD IN SAW CUT AND SEAL WITH 3M DLS 5005 SEALANT. COORDINATE WITH DOOR SUPPLIER FOR ALL VEHICLE SENSING LOOP INSTALLATION REQUIREMENTS, INCLUDING NUMBER OF TURNS OF WIRING IN LOOP.



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0	ISSUED FOR CONSTRUCTION	VEK	16/04/19
NO.	Description	BY	DD/MM/YY

**ENGINEERS GEOSCIENTISTS**  
**MANITOBA**  
 Certificate of Authorization  
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**Winnipeg Transit**

Project Title  
**CITY OF WINNIPEG FORT ROUGE  
 TRANSIT BASE - RAPID ROLL DOORS  
 AND RADIANT HEATERS REPLACEMENT**

WINNIPEG MANITOBA  
 Drawing Title  
**MAIN FLOOR PLAN - SERVICE  
 BAY - NEW CONSTRUCTION -  
 ELECTRICAL**

Drawn By RD	Checked By RD	Approved By VEK
Scale AS SHOWN	Date APRIL 2019	Project No. 19-028-01
Revision Number 0	Drawing Number E2.1	Sheet Order 2 OF 4

**1 MAIN FLOOR PLAN SERVICE BAY - NEW CONSTRUCTION - ELECTRICAL**  
 SCALE: 1/16" = 1'-0"