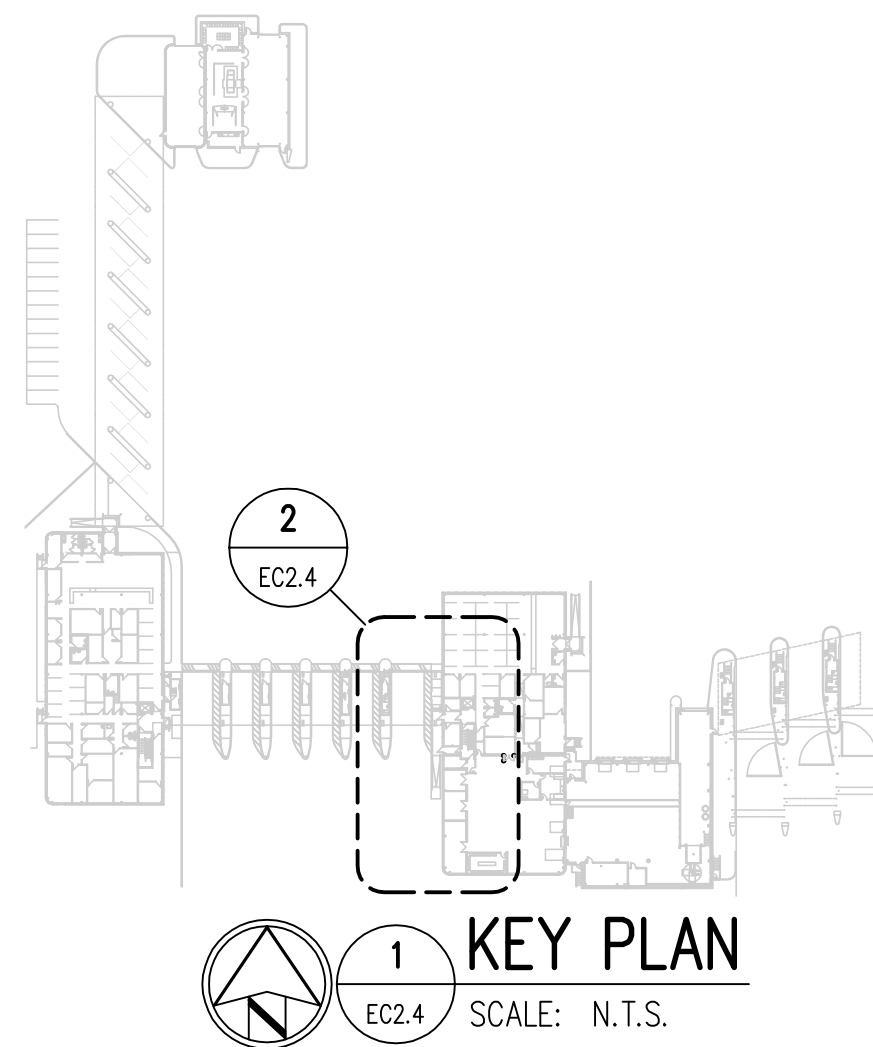


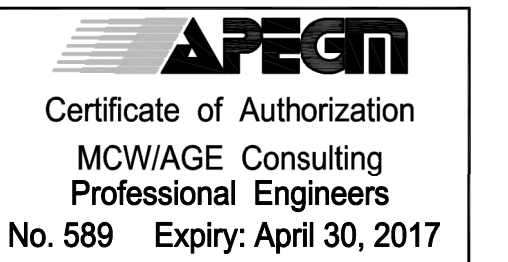
 **2** PIL BOOTH LICENCE PLATE READER SYSTEM PLAN
EC2.4 SCALE: 1:100



POWER CABLE SCHEDULE (ELECTRICAL CONTRACTOR PROVIDED)			
ITEM	FROM	TO	DESCRIPTION
A	BREAKER	J1	LANE 6 120 VAC 20A BRANCH POWER CONDUCTORS
B	J1	J3	LANE 6 SYSTEM POWER CONDUCTORS
C	J1	J5	LANE 6 SYSTEM POWER CONDUCTORS

SIGNAL CABLE SCHEDULE (ELECTRICAL CONTRACTOR PROVIDED)			
ITEM	FROM	TO	DESCRIPTION
1	CBSA SWITCH	J3	CAT6
2	J1	J2	2-PAIR
3	J2	J3	2-PAIR

- NOTES:
- CONTRACTOR SHALL INSTALL UNDERGROUND CONDUIT AT DEPTH OF 1 METER ON ISLAND & 1.5 METERS UNDER ROADWAYS MINIMUM FROM TOP OF CONDUIT TO FINISH GRADE OR FINISH SURFACE. PROVIDE MINIMUM OF 77mm SEPARATION BETWEEN POWER AND COMMUNICATION CONDUITS.
 - PROVIDE TWO (2) 27mm UNDERGROUND CONDUITS (ONE FOR POWER, ONE FOR DATA) BETWEEN DEVICE POSTS AS SHOWN BY DASHED LINES. STUB UP INTO J-BOX ON POSTS OR AS OTHERWISE INDICATED.
 - POWER & SIGNAL CONDUITS SHALL TERMINATE IN SEPARATE J-BOX. J-BOXES SHALL BE MINIMUM 152mm x 152mm x 102mm WEATHERPROOF. FACE OF J-BOX SHALL BE PARALLEL TO EDGE OF LANE & HAVE SPACE FOR 3 ADDITIONAL 16mm CONDUIT FITTINGS.
 - ALL WIRE SHALL BE IN CONDUIT.
 - PRIOR TO ROUGH-IN CONTRACTOR SHALL MEET WITH OWNERS PERCEPTIC CONTRACTOR TO REVIEW INSTALLATION.
 - PROVIDE 457mm x 457mm x 152mm J-BOX TO TERMINATE COMMUNICATION CONDUIT INTO FOR EACH PIL BOOTH. LOCATE UNDERCOUNTER C/W COORDINATION WITH OWNERS PERCEPTIC CONTRACTOR.
 - PROVIDE 152mm x 152mm x 102mm J-BOX FOR POWER REQUIREMENTS FOR PERCEPTIC SYSTEM. LOCATE UNDERCOUNTER C/W COORDINATION WITH OWNERS PERCEPTIC CONTRACTOR.
 - PROVIDE (2x) 53mm CONDUIT FROM PIL BOOTH TO JUNCTION BOX IN COMM. ROOM 227. COORDINATE ROUTING WITH OWNER PRIOR TO INSTALLATION.
 - PROVIDE 457mm x 457mm x 152mm SURFACE MOUNTED WEATHERPROOF JUNCTION BOX.



DO NOT SCALE DRAWINGS

Revision/Revision	Description/Description	Date/Date
0	ISSUED FOR CONSTRUCTION	2016/11/02

Client/client

PUBLIC WORKS AND GOVERNMENT SERVICES AGENCY

Project title/Titre du projet
**EMERSON, MANITOBA
HIGHWAY 75, UNITED STATES BORDER**
**EXPANSION AND
REDEVELOPMENT OF THE
EMERSON PORT OF ENTRY**

Approved by/Approuvé par
KEI
Designed by/Concept par
GD
Drawn by/Dessiné par
GA
PWGSC Project Manager/Administrateur de Projets TPSCG
JAMES HUTCHINGS
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

Drawing title/Titre du dessin
**PARTIAL FLOOR PLAN EXISTING -
PIL BOOTH LICENCE PLATE
READER SYSTEM**