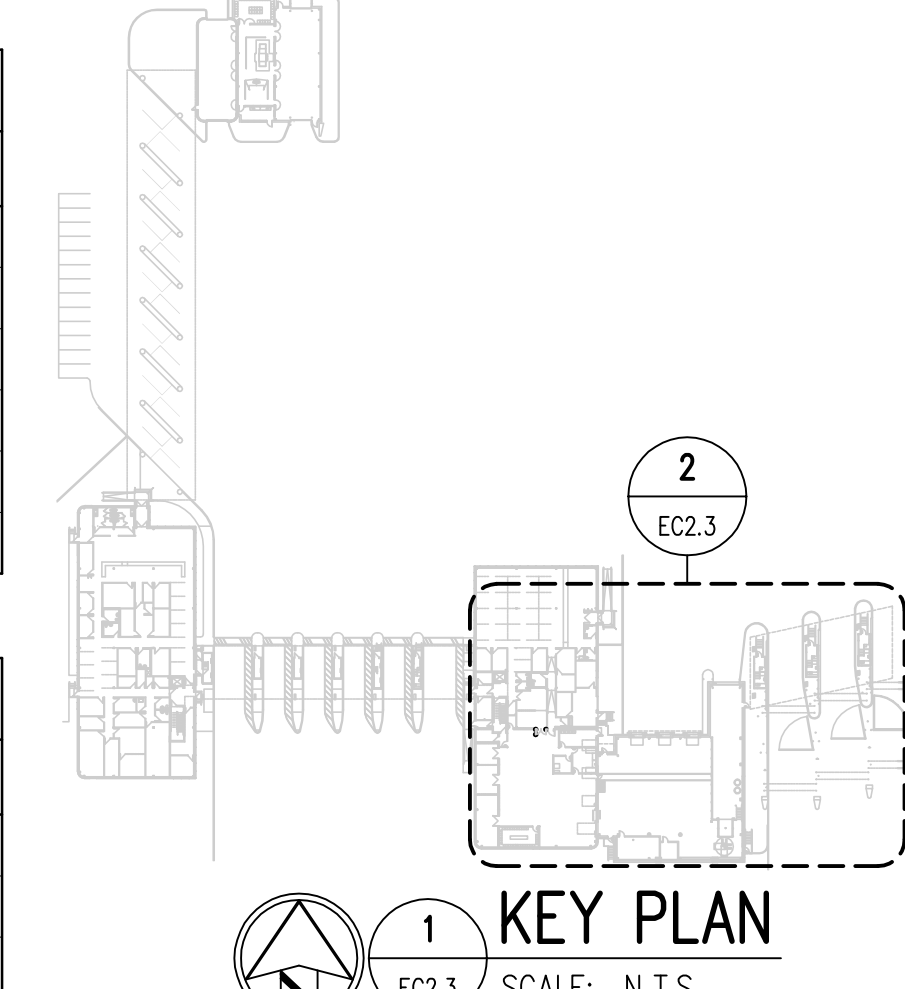


- NOTES:
- CONTRACTOR SHALL INSTALL UNDERGROUND CONDUIT AT DEPTH OF 1 METER ON ISLAND & 1.5 METERS UNDER ROADWAYS MINIMUM FROM TOP OF CONDUIT TO FINISH GRADE OR FINISH SURFACE. PROVIDE MINIMUM OF 77mm SEPARATION BETWEEN POWER AND COMMUNICATION CONDUITS.
 - PROVIDE TWO (2) 27mm UNDERGROUND CONDUITS (ONE 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 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 WAREHOUSE.
 - PROVIDE (1x) 53mm CONDUIT FROM J-BOX TO J-BOX BETWEEN PIL BOOTHS.
 - PROVIDE NEMA 3R DOUBLE DOOR HINGED COVER 914mmH x 762mmW x 304mmD J-BOX LOCATED 1.5 METERS AFF TO CENTER OF J-BOX. LOCATE ADJACENT TO COLUMN FOR PROTECTION.
 - PROVIDE (1x) 53mm CONDUIT C/W PULL STRING TO COMM. RM. 227 FOR OWNER USE.
 - WHERE CONDUITS TRAVEL UNDER SURFACE SUBJECT TO VEHICLE TRAFFIC, CONCRETE ENCASE CONDUITS WITH MINIMUM OF 76mm OF CONCRETE COVER ON ALL SIDES. PROVIDE MAGNETIC WARNING TAPE ABOVE CONDUITS AT 304mm BELOW FINISHED GRADE.
 - GENERAL CONTRACTOR SHALL COORDINATE LAYOUT & INSTALL POSTS & BOLLARDS TO PERCEPTIC REQUIREMENTS.

POWER CABLE SCHEDULE (ELECTRICAL CONTRACTOR PROVIDED)			
ITEM	FROM	TO	DESCRIPTION
A	BREAKER	J1	120 VAC 20A BRANCH POWER CONDUCTORS
B	J1	J3	SYSTEM POWER CONDUCTORS
C	J4	J5	EMITTER POWER CONDUCTORS
D	J1	J2	ADJACENT LANE EMITTER POWER POWER CONDUCTORS (NOT NEEDED C1)
E	BREAKER	J4	ADJACENT LANE 120 VAC 20A BRANCH POWER CONDUCTORS
F	J4	J6	ADJACENT LANE 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



2 PIL BOOTH LICENCE PLATE READER SYSTEM PLAN
EC2.3 SCALE: 1:100



APECM
Certificate of Authorization
MCW/AGE Consulting Professional Engineers
No. 589 Expiry: April 30, 2017

DO NOT SCALE DRAWINGS

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

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
Client/client

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

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
R.068431.001	EC2.3 OF 26	0