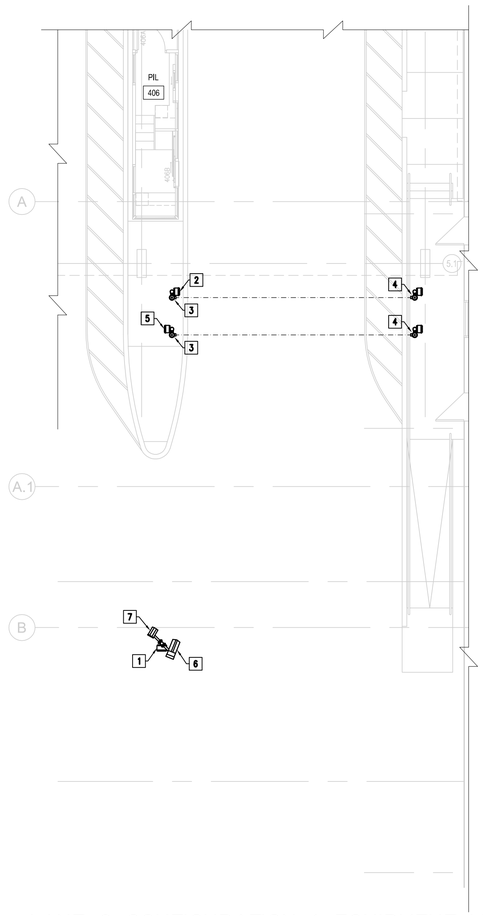
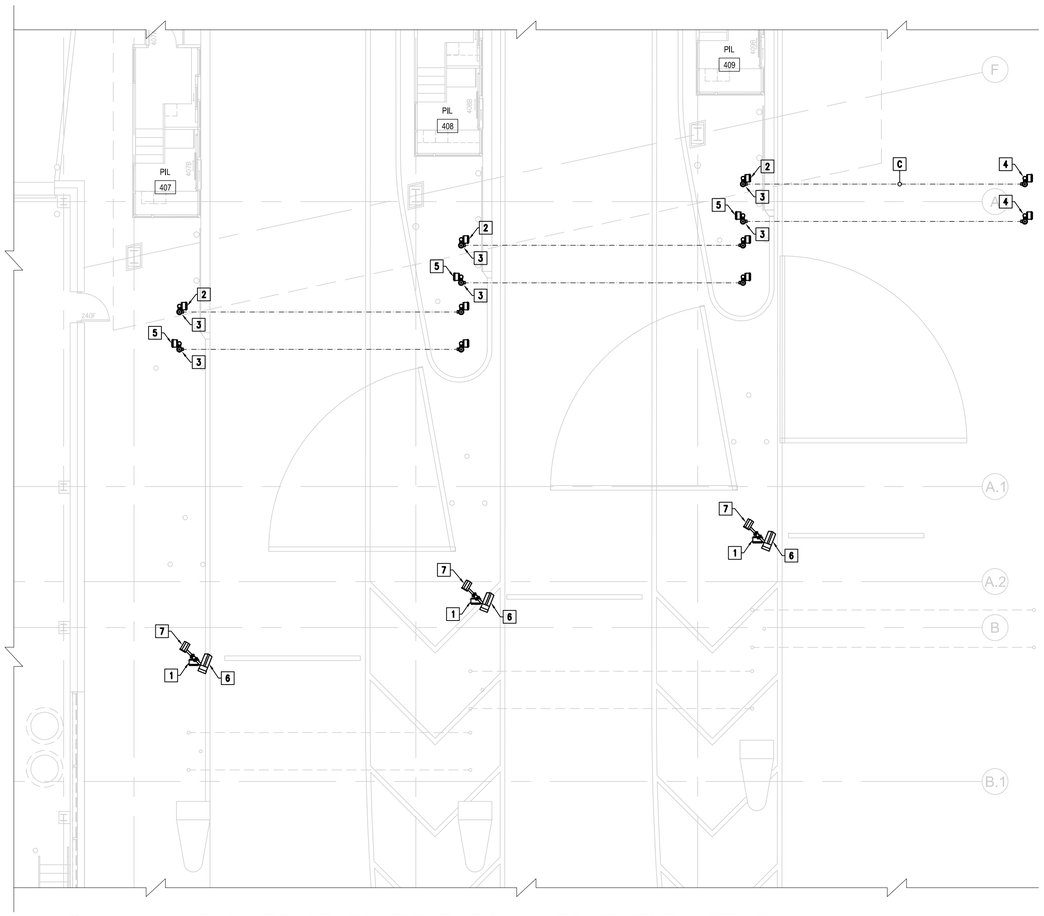


1 EC2.5 LANE 6 CONFIGURATION 1 EQUIPMENT LISTING

SCALE: 1:100



2 EC2.5 LANE C1 TO C3 CONFIGURATION 1 EQUIPMENT LISTING

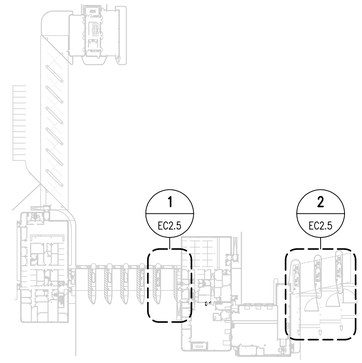
SCALE: 1:100

LANE C1 TO C3 & LANE 6 CONFIG 1 EQUIPMENT NOTES		
ITEM	PART NUM	DESCRIPTION
1	SA0466	PANEL NAC PWR SIGNAL & NETWORK
2	SA0779	POWER DISTRIBUTION PANEL/FUSE
3	SA0751	HEATED RCVR SUBASSY 120V QD
4	SA0752	HEATED EMITTER SUBASSY 120V QD
5	SA0753	PANEL HT2-120V RCVR PWR/SIG
6	IL5470	STRB IP54 70UF NA 120V
7	IMG720	IMAGER 85-264 VAC AVP 2MP MONO

POST NOTES (INFO ONLY REFER TO ACHITECTURAL)				
ITEM	DIAMETER	HEIGHT ABOVE ROAD	FILL	DESCRIPTION
1	150mm	1981mm	CAPPED	FOR MOUNTING CAMERA/STROBE
2	100mm	1219mm	CAPPED	FOR MOUNTING VEHICLE DETECTION SENSORS
3	100mm	1981mm	CAPPED	FOR MOUNTING RFID EQUIPMENT
4	150mm	1219mm	CONCRETE	FOR PROTECTION OF EQUIPMENT FROM VEHICLE IMPACT
5	150mm	2134mm	CONCRETE	FOR PROTECTION OF EQUIPMENT FROM VEHICLE IMPACT
6	100mm	1981mm	CAPPED	FOR MOUNTING VEHICLE DETECTION SENSORS DUAL USE

GENERAL NOTES:

1. ALL HEIGHTS DIMENSIONS ARE FROM ROAD SURFACE, UNLESS OTHERWISE NOTED.
2. DIMENSION ARE TO POST & FOOTING CENTER.
3. PROTECTION BOLLARDS OR GUARD RAILS ARE RECOMMENDED FOR PROTECTING EQUIPMENT FROM VEHICULAR IMPACT & SIDE MIRRORS. GUARD RAILS MAYBE USED IN PLACE OF BOLLARDS. ENSURE THAT FIELDS OF VIEW FOR IMAGERS, SENSORS & STROBES ARE NOT OBSTRUCTED BY BOLLARDS OR RAILS.
4. TRENCH FOR CONDUIT, PULL AC WIRE & SIGNAL CABLE THROUGH CONDUIT & INTO ENCLOSURE OR JUNCTION BOX.
5. PROVIDE & INSTALL JUNCTION OR PULL BOXES AT DESIGNATED LOCATION & HEIGHTS AS SPECIFIED IN DRAWING. SIZE JUNCTION BOXES AS NEEDED FOR NUMBER /SIZE OF CONDUIT & WIRING. REPLACE ANY EXISTING BOXES THAT DO NOT MEET MINIMUM REQUIREMENTS.
6. PROVIDE & INSTALL ALL CONDUIT (EXCEPT FLEX TUBING FROM EQUIPMENT ON POSTS).
7. PROVIDE HOME RUN & BETWEEN POST WIRING FOR POWER & SIGNAL.
8. WHERE NEW TO EXISTING CONDUIT CONNECTION AS INDICATED, CONTRACTOR SHALL PROVIDE MATERIALS & LABOR REQUIRED TO MAKE CONNECTIONS.
9. CONTRACTOR SHALL PULL ALL CABLE RUNS IN UNDERGROUND CONDUIT, TO INCLUDE AC WIRES, NETWORK CABLE, & MULTI-PAIR CABLES. RUN CABLES INTO J-BOXES & ENCLOSURES AS INDICATED.
10. ALL NETWORK & MULTI-PAIR CABLES SHALL BE INSTALLED IN CONTINUOUS RUNS WITH NO SPLICES.
11. CONNECTION TO NETWORK & MULTI-PAIR CABLES IN LANE ELECTRONIC ENCLOSURE & POST MOUNTED DEVICE BOXES WILL BE MADE BY PERCEPTICS CERTIFIED INSTALLERS.
12. LEAVE 2 METERS OF MULTI-PAIR & NETWORK CABLE FREE INSIDE OF ENCLOSURES & J-BOXES UNLESS SPECIFIED. LEAVE 1 METER CABLE LOOPS IN JUNCTION BOXES WHEN CABLES ARE PASSED THROUGH TO OTHER JUNCTION BOXES (IF APPLICABLE).



1 EC2.5 KEY PLAN

SCALE: N.T.S.

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

VERNE REIMER ARCHITECTURE INCORPORATED

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10605

PROVINCE OF MANITOBA
2016-11-03
K. E. ISAAK
REGISTERED PROFESSIONAL ENGINEER

APEGM
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

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/Approuve par: **KEI**

Designed by/Concept par: **GD**

Drawn by/Dessine por: **GA**

PWGSC Project Manager/Administrateur de Projets TPSGC: **JAMES HUTCHINGS**

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

Client/client

Drawing title/Titre du dessin

LANE C1 TO C3 & LANE 6 CONFIGURATION 1 EQUIPMENT LISTING

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
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