



DO NOT SCALE DRAWINGS

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

Client/client	PUBLIC WORKS AND GOVERNMENT SERVICES AGENCY	
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Project title/Titre du projet
EMERSON, MANITOBA HIGHWAY 75, UNITED STATES BORDER
EXPANSION AND REDEVELOPMENT OF THE EMERSON PORT OF ENTRY

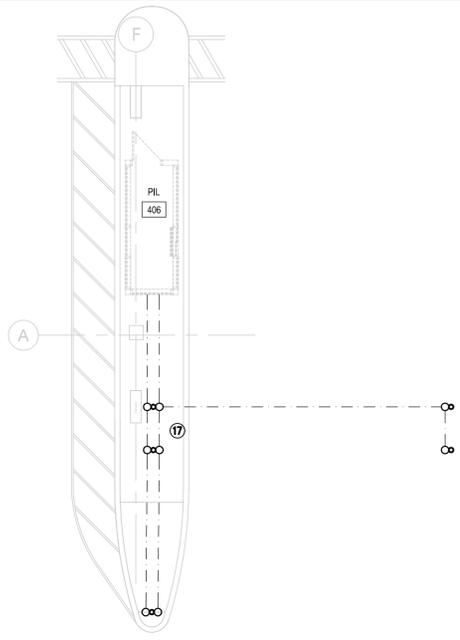
Approved by/Approve par
KEI
Designed by/Concept par
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Drawn by/Dessine par
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PWGSC Project Manager/Administrateur de Projets TPSC
JAMES HUTCHINGS
PWGSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSC

Client/client

Drawing title/Titre du dessin
ENLARGED PIL 6 FLOOR PLAN ELECTRICAL LAYOUTS

Project No./No. du projet R.068431.001	Sheet/Feuille E3.0 of 26	Revision no./La Révision no. 0
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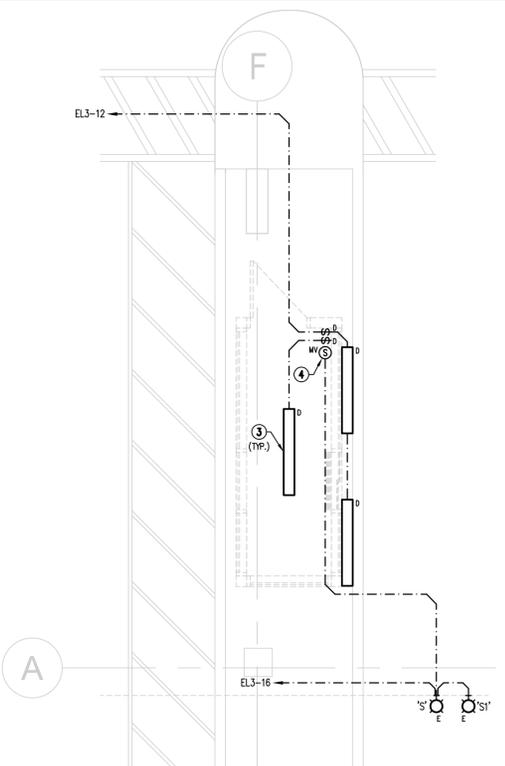


EXISTING PIL LICENCE PLATE READER DEMOLITION LAYOUT

7
E3.0 SCALE: 1:50

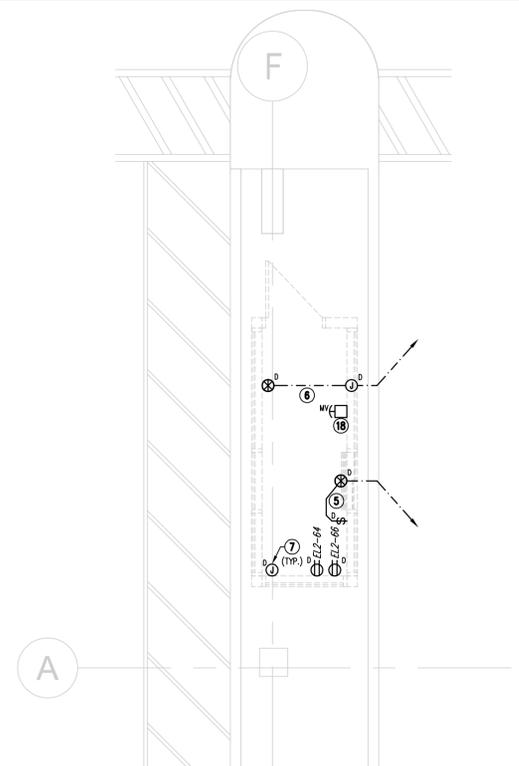
NOTES:

- INSTALL LUMINAIRES IN ACT. CEILING. COORDINATE AS REQUIRED WITH ACT. INSTALLER. CONNECT TO EXISTING CIRCUIT.
- PROVIDE LUMINAIRES WITH DIMMING C/W DIMMER.
- DISCONNECT & REMOVE EXISTING LUMINAIRE & CONTROL. MAINTAIN CIRCUIT FOR USE IN NEW LAYOUT.
- DISCONNECT & REMOVE 3-WAY SELECTOR SWITCH. MAINTAIN SWITCH FOR USE IN NEW LAYOUT.
- DISCONNECT & REMOVE WALL MOUNTED FORCE FLOW HEATER C/W WIRING TO SOURCE.
- DISCONNECT & REMOVE WIRING & CONTROL FOR ROOF TOP AIR & MAKE UP.
- DISCONNECT & REMOVE JUNCTION BOX, RECEPTACLES & MAINTAIN FOR RECONNECTION IN NEW LAYOUT.
- ELECTRICAL CONTRACTOR SHALL COORDINATE WITH GENERAL CONTRACTOR TO PROTECT EXISTING UNDERGROUND CONDUIT. UTILIZE SOFT DIG & LOCATION TECHNIQUE TO CONFIRM LOCATIONS & DEPTH OF EXISTING BURIED CONDUITS.
- PROVIDE 300mmx300mmx200mm JUNCTION MOUNTED ON WALL UNDER COUNTER FOR TERMINATION OF CONDUIT.
- PROVIDE OUTLET & 21mm CONDUIT BACK TO JUNCTION BOX.
- PROVIDE 53mm CONDUIT C/W PULL STRING FOR OWNER'S IT REQUIREMENTS. CONDUITS SHALL BE INSTALLED AS DIRECT AS POSSIBLE FOR DISTANCE RESTRICTIONS.
- REINSTALL EXISTING SELECTOR SWITCH & RECONNECT TO EXISTING CANOPY CONTROL LIGHTS.
- PROVIDE NEW MATCHING SELECTOR SWITCH & CONNECT TO EXISTING CANOPY CONTROL LIGHTS.
- PROVIDE NEW RECEPTACLES CONNECTED TO EXISTING CIRCUIT(S).
- WIRE & CONNECT NEW SYSTEM MATCHING FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYSTEM. PROVIDE RE-VERIFICATION AS REQUIRED.
- DISCONNECT & REMOVE EXISTING DATA & VOICE CABLING BACK TO SOURCE. COORDINATE WITH OWNER'S REPRESENTATIVE AS REQUIRED.
- DISCONNECT & REMOVE EXISTING LICENCE PLATE READER SYSTEM. COORDINATE WITH OWNER'S REPRESENTATIVE AS REQUIRED.
- DISCONNECT & REMOVE RUNAWAY HORN PUSHBUTTON. MAINTAIN PUSHBUTTON & WIRING FOR USE IN NEW LAYOUT.
- COORDINATE LOCATION OF ON/OFF SWITCH FOR 'FFHI' ON SITE PRIOR TO ROUGH-IN.
- REINSTALL EXISTING RUNAWAY HORN PUSHBUTTON CONNECTED TO EXISTING WIRING. COORDINATE LOCATION ON SITE.
- PROVIDE NEW MATCHING HORN PUSHBUTTON CONNECTED TO EXISTING WIRING. COORDINATE LOCATION ON SITE.



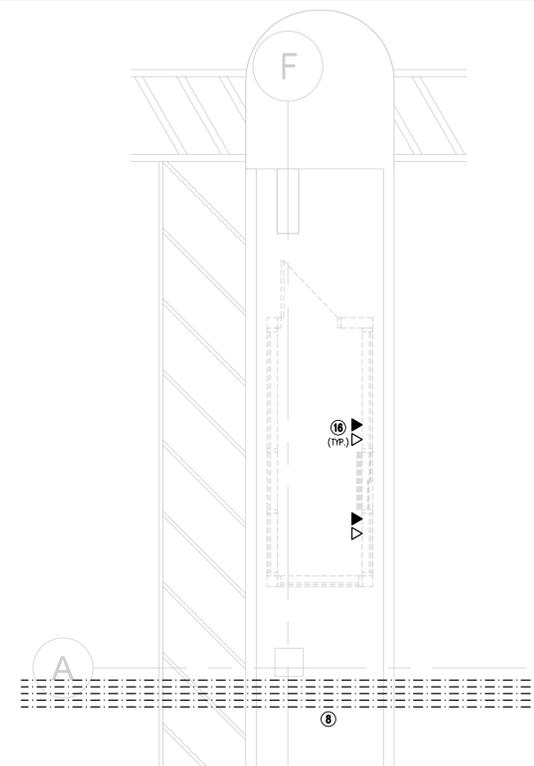
EXISTING PIL LIGHTING DEMOLITION LAYOUT

1
E3.0 SCALE: 1:50



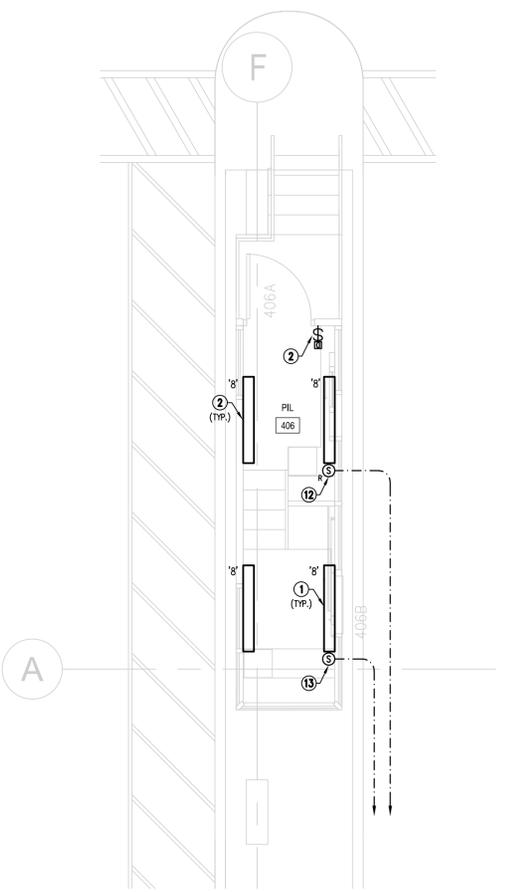
EXISTING PIL POWER & SYSTEMS DEMOLITION LAYOUT

2
E3.0 SCALE: 1:50



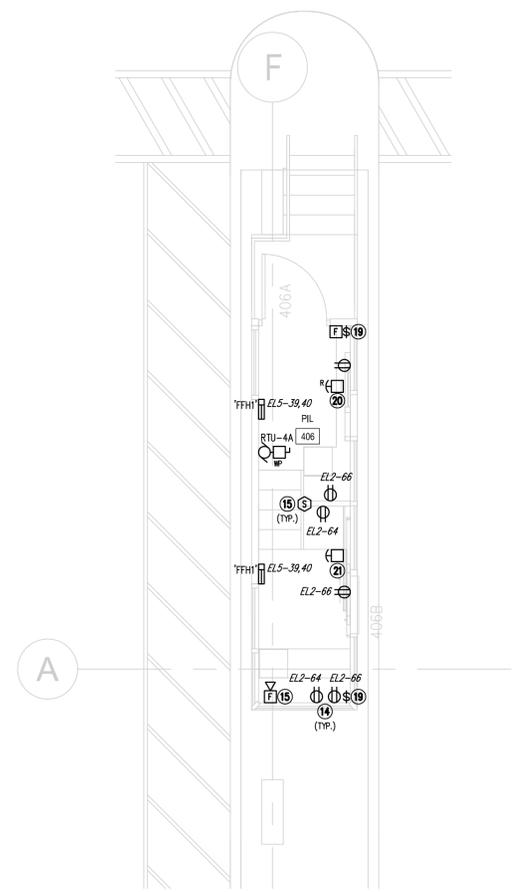
EXISTING PIL COMMUNICATION DEMOLITION LAYOUT

3
E3.0 SCALE: 1:50



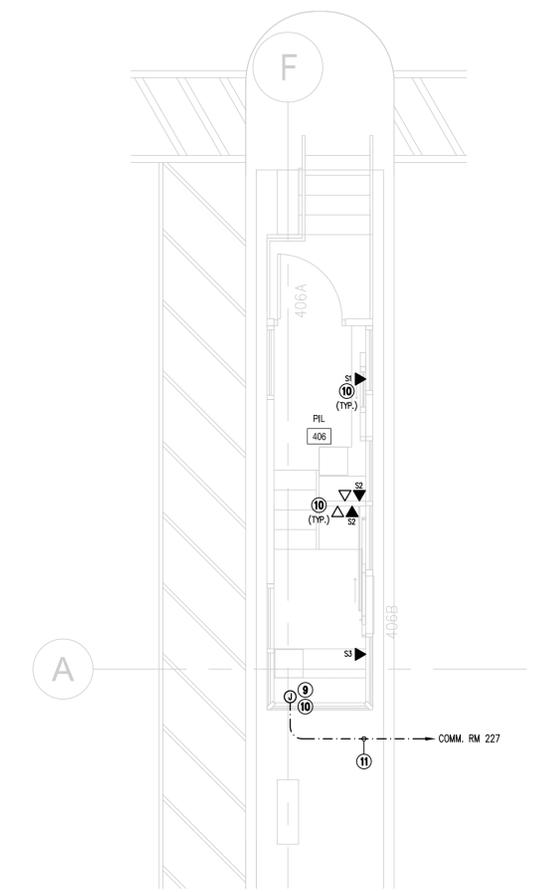
RENOVATED PIL 406 LIGHTING LAYOUT

4
E3.0 SCALE: 1:50



RENOVATED PIL 406 POWER & SYSTEMS LAYOUT

5
E3.0 SCALE: 1:50



RENOVATED PIL 406 IT LAYOUT

6
E3.0 SCALE: 1:50