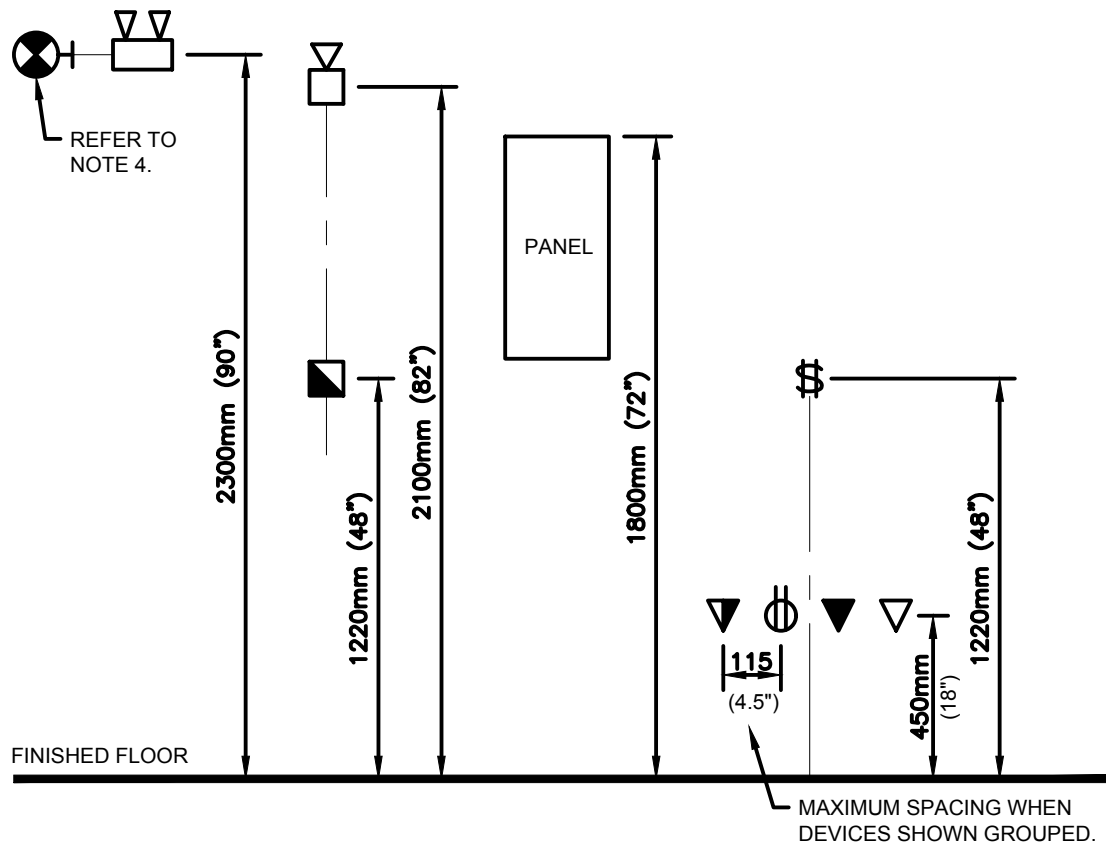


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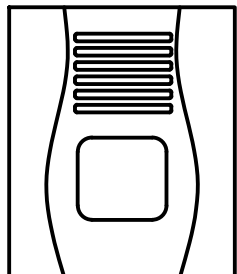
LIGHT FIXTURE SCHEDULE							
LTR	DESCRIPTION	DIMENSIONS	LAMPS	OPTICS	FINISH	VOLTAGE	APPROVED MANUFACTURERS
X1	UNIVERSAL SINGLE OR DOUBLE FACE RUNNING MAN SIGN	200x320x35mm	LED	ONE PIECE ALUMINUM EXTRUDED HOUSING	WHITE	120 VAC 24 VDC	EMERGI-LITE EA SERIES, AIMLITE RPALW SERIES, STANPRO RMXL BEGHELLI QUADRA RE SERIES
A	WALL MOUNTED	610 x 54 x 54 mm	LED 1500 LUMENS 15W> 80A CRI, 3000K	SNAP ON FROSTED DIFFUSER	WHITE	120	L1THONIA ZL1N L24 2500LM FST MVOLT 40K 80 CRI WH
B	WALL MOUNTED, EXTERIOR		LED, 26W		BRONZE	120	COOPER XTOR3B
C	CEILING / SURFACE MOUNTED	1220 x 54 x 54 mm	LED 6807 LUMENS 60W> 80A CRI, 3000K	SNAP ON FROSTED DIFFUSER	WHITE	120	L1THONIA ZL1N L48 3000LM FST MVOLT 40K 80 CRI WH
EM1	EMERG, REMOTE HEADS		MR16 LED HEADS			120	LUMACELL RG12C442MQM12W
EM2	EMERG, REMOTE HEADS		MR16 LED HEADS			120	LUMACELL MQM2LD14

TYPICAL MOUNTING ELEVATION DETAIL NOTES:

- DEVICES SHOWN ON THE DRAWINGS AS GROUPED AT A COMMON LOCATION SHALL BE INSTALLED SYMMETRICALLY ABOUT A VERTICAL CENTERLINE. ANY DEVIATION FROM THE MOUNTING ELEVATIONS SHOWN SHALL BE CONFIRMED WITH THE ARCHITECT & ENGINEER PRIOR TO ROUGH IN.
- COORDINATE DEVICE INSTALLATION WITH ALL TRADES PRIOR TO ROUGH IN.
- REVIEW ARCHITECTURAL ROOM ELEVATION DETAILS PRIOR TO COMMENCING ROUGH IN.
- REFER TO ARCHITECTURAL PLANS FOR CEILING HEIGHTS AND CONFIRM AVAILABLE WALL SPACE ABOVE DOORS PRIOR TO ROUGH IN.
- INSTALL ALL DEVICES INDICATED AT ABOVE COUNTER HEIGHT AT 100mm (4") ABOVE THE MILLWORK BLACKSPASH. REFER TO ARCHITECTURAL ROOM ELEVATIONS PRIOR TO ROUGH IN.



1 | TYPICAL MOUNTING ELEVATION DETAIL
N.T.S



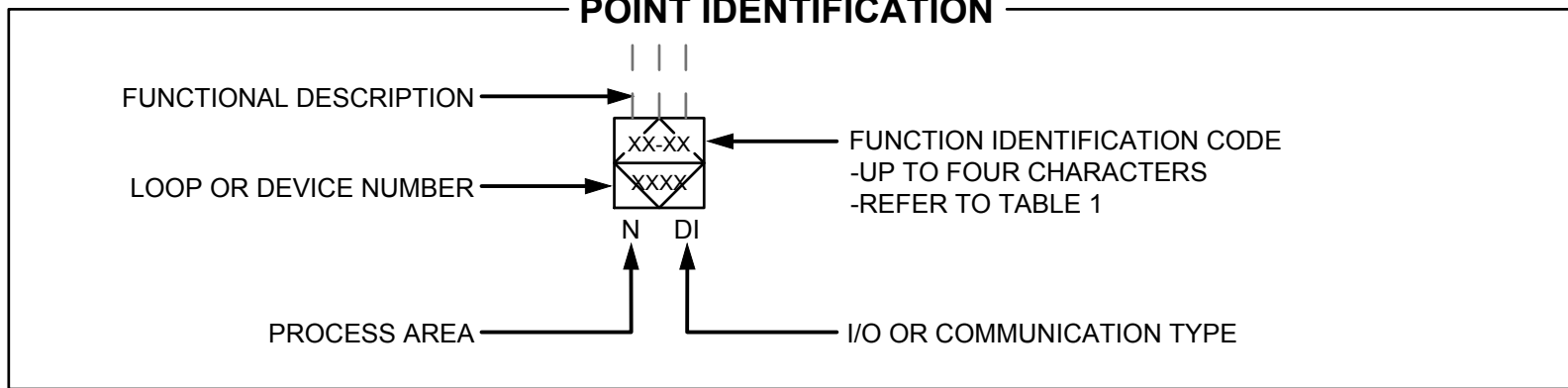
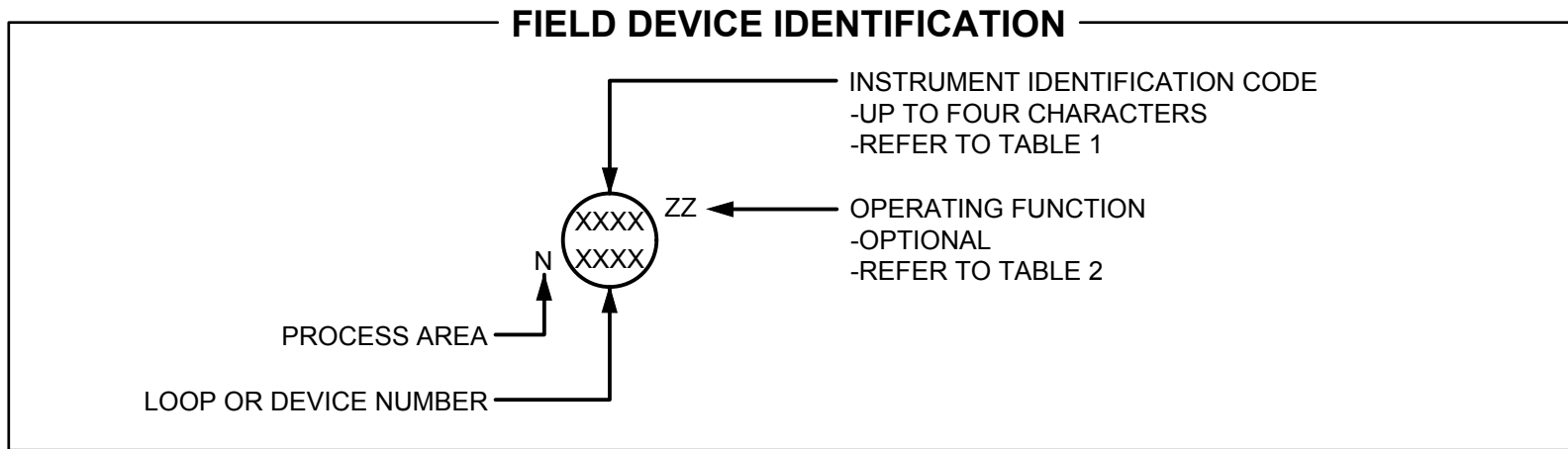
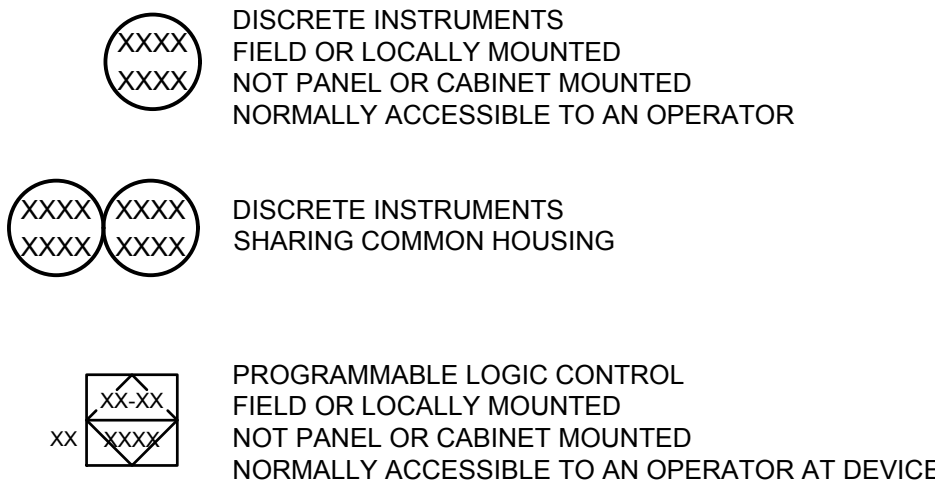
TYPICAL BUILDING ENTRY FIRE ALARM DETAIL:

EXTEND ADJACENT BUILDINGS FIRE ALARM TO NEW HORN STROBE.
MATCH NEW DEVICE TO EXISTING FIRE ALARM SYSTEM.

PLACE REFLECTIVE WARNING SIGN UNDERNEATH THE HORN/STROBE
AS TO INDICATE NO ENTRY WHILE DEVICE IS ACTIVE.

DO NOT ENTER
WHILE HORN/
STROBE IS ACTIVE

2 | TYPICAL BUILDING ENTRY FIRE ALARM DETAIL
N.T.S



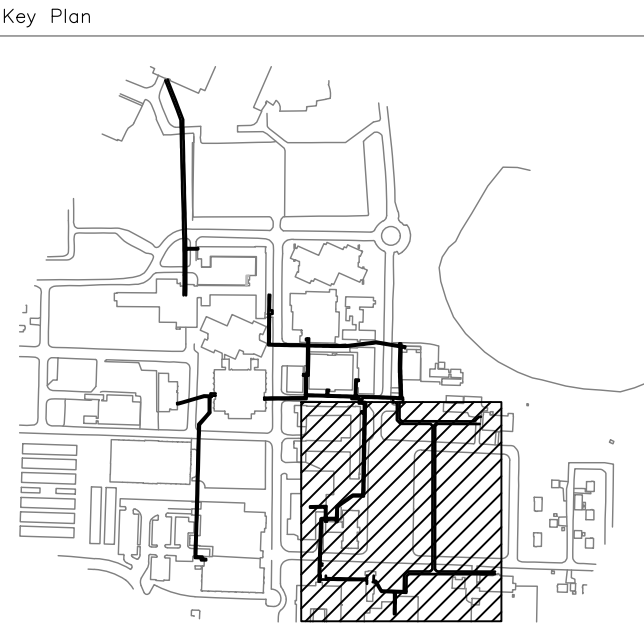
3 | P&ID LEGEND
N.T.S

SYMBOL LEGEND	
SYMBOL DESCRIPTION	
	LED LIGHT FIXTURE - SURFACE MOUNT
	LED LIGHT FIXTURE - RECESS MOUNT
	INCANDESCENT, LIGHT FIXTURE LED LAMP - SURFACE MOUNT
	INCANDESCENT, LIGHT FIXTURE LED LAMP - WALL MOUNT
	EXIT LIGHT FIXTURE - WALL / CEILING MOUNT - FILLED SIDE INDICATES FACE
	BATTERY OPERATED REMOTE EMERGENCY LIGHT - WALL MOUNT - DOUBLE UNIT
	BATTERY OPERATED REMOTE EMERGENCY LIGHT - CEILING MOUNT - DOUBLE UNIT
	LETTERS INDICATE LIGHT FIXTURE TYPE
NL	UNSWITCHED NIGHT LIGHT
\$	SINGLE POLE SWITCH
\$3 \$4 \$D	3-WAY SWITCH, 4-WAY SWITCH, DIMMER SWITCH
\$K \$PL\$V	KEYED SWITCH, PILOT LIGHT SWITCH, LOW VOLTAGE SWITCH
\$ \$ \$	MULTI GANG SWITCHES
	LIGHTING CONTROL OCCUPANCY SENSOR - WALL / CEILING MOUNT
	DUPLEX RECEPTACLE - WALL MOUNT / FLOOR MOUNT / CEILING MOUNT
	WEATHERPROOF RECEPTACLE
	SPECIAL PURPOSE OUTLET - SIZE AS NOTED ON DRAWINGS
	JUNCTION BOX - WALL /CEILING MOUNT
	ELECTRIC MOTOR
	DISCONNECT SWITCH
\$F \$S \$MD	FAN SWITCH, MOTOR SPEED CONTROLLER, MOTORIZED DOOR CONTROLLER
	ANNUNCIATOR HORN
SC	SEPARATE CIRCUIT
A-2	NUMBER INDICATES CIRCUIT NUMBER (i.e. #2 AT PANEL 'A')
WP	WEATHERPROOF
GFI	GROUND FAULT INTERRUPTER
IG	ISOLATED GROUND
	NOTE LEGEND SYMBOL
	SPECIALTY EQUIPMENT SYMBOL
	VOICE OUTLET
	DATA OUTLET
	VOICE / DATA OUTLET
	SECURITY SYMBOL

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

TENDER
NOT FOR CONSTRUCTION

ASSOCIATION OF PROFESSIONAL ENGINEERS
& GEOSCIENTISTS OF SASKATCHEWAN
CERTIFICATE OF AUTHORIZATION
AECOM Canada Ltd.
NUMBER C1667
PERMISSION TO CONSULT HELD BY:
DISCIPLINE: **ELECTRICAL** SASK. REG. No. **34101** SIGNATURE:



Revision	Description	Date
E	Issued For Tender	19/09/30
D	Issued For 99% Review	19/06/21
C	Issued For 85% Review	19/03/15
B	Issued For 50% Review	18/11/13
A	Not Issued	-

Client Public Works and Government Services Canada		
Project title Tunnel Revitalization		
Designed by B. Stewart		
Drawn by T. Shrufi		
Approved by B. Wolfater		
PWGSC Project Manager J. Dayman		
Drawing title Package 1 - TBU43 Electrical General		
Project no. 1004259	Drawing no. E1.01	Revision no. E