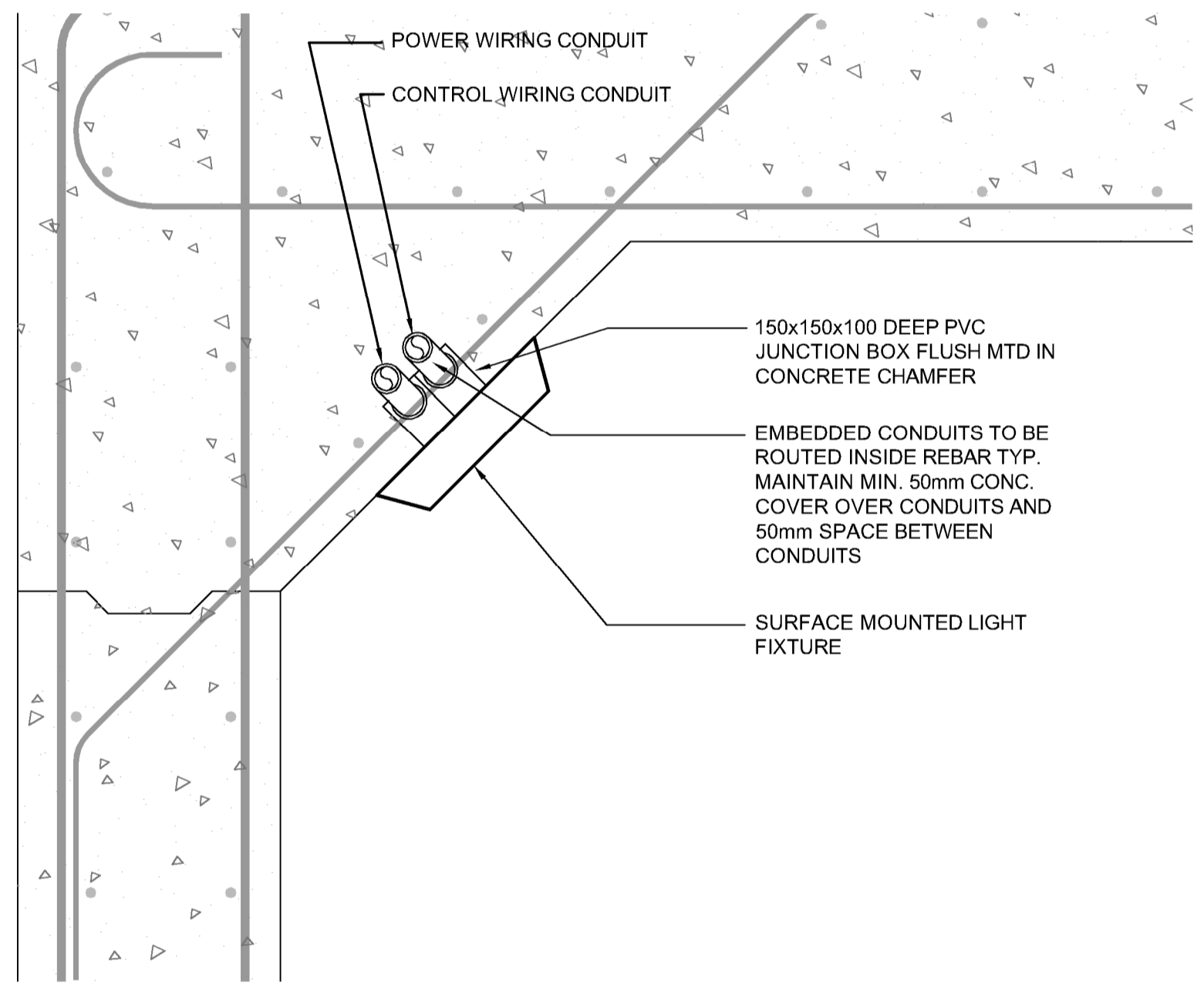


DISTRIBUTION PANEL 'A'									
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N/AE	TRIP AMPS	LOAD	DESCRIPTION	CCT NO	
01	UNDERPASS LIGHTING	100	15		15	100	UNDERPASS LIGHTING	02	
03	UNDERPASS LIGHTING	100	15		15	100	UNDERPASS LIGHTING	04	
05	DIMMER CONTROL	-	15		15		UTILITY RECEPTACLE	06	
07	DIMMER SWITCH ENCLOS. HEATER	100	15				SPACE	08	
09	SPACE						SPACE	10	
11	SPACE						SPACE	12	
13	SPACE						SPACE	14	
15	SPACE						SPACE	16	
17	SPACE						SPACE	18	
19	SPACE						SPACE	20	
21	SPACE						SPACE	22	
23	SPACE						SPACE	24	

VOLTAGE: 120/240      PHASE: 1      WIRE: 3      BREAKER I.C.: 14kA  
 MAIN BREAKER: -      MAINS: 100A      FEEDER: #2 AWG RWU90  
 MOUNTING: SURFACE      LOCATION: PADMOUNT DISTRIBUTION  
 FED FROM: MAN. HYDRO SERVICE  
 NOTES: -  
 .  
 .



LIGHT FIXTURE SCHEDULE						
SYMBOL	MANUFACTURER	MODEL No.	LAMP	LUMENS/LAMP	WATTAGE/VOLTAGE	REMARKS
[Symbol]	NEWSTAR LIGHTING	33LN2-C-L1-401-4B-UN-WL	LED NICHIA WARM WHITE LED 100mA	1500	29.3W / 120V	LIGHTING LEVEL OF EACH TUNNEL LIGHT FIXTURE TO BE CONTROLLED BY ACUITYCONTROLS SYSTEM NP0DM-4P-DX-WH-LT LIGHT LEVEL CONTROLLER, NPP16-D-LT POWER/RELAY PACK
	KENALL	SDSA-2-1-1-25L40K-DCC-120-1/J-1-WL	25L40K 25 W 4000K LED		25W / 120V	LEVITON - ILLUMATECH - IP710-LF LED DIMMER SWITCH
	SUPER MAX	SMD12-1-PRD-4000K-120-277-B-7-WET	25L40K 25 W 4000K LED	2049	25W / 120V	EATON - GREENGATE 0-10V SLIDE DIMMER TD503061EN-0-10V-SLIDE-DIMMER

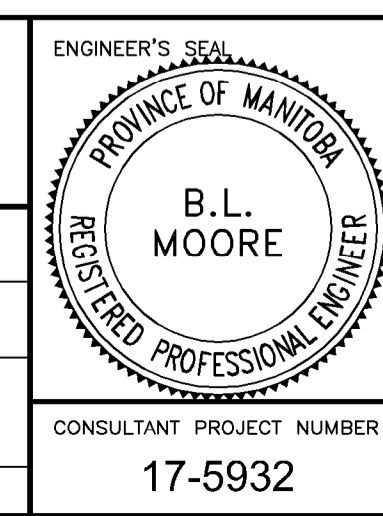
**E TUNNEL LIGHT FIXTURE MOUNTING DETAIL**  
N.T.S.

**SINGLE LINE DIAGRAM**

G:\CAD\175932\Drawings\Structural\Contract\UNDERPASS\CON-CE-LIGHTING-DETAILS.dwg



DESIGNED BY	BLM	CHECKED BY	BLM
DRAWN BY	SK	APPROVED BY	MBL
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	
VERTICAL	AS SHOWN		
NO. REVISIONS	DATE	BY	DATE
1	ADDENDUM #5		18/03/16 DRA
0	ISSUED FOR TENDER		18/02/09 DRA
			2018/02/09



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

**FERMOR AVENUE BRIDGE OVER SEINE RIVER**  
BRIDGE REHABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET

CITY DRAWING NUMBER: U-243-2017-CS-082  
SHEET OF: 082 OF 100  
CONSULTANT DRAWING NUMBER: CS-082

PEDESTRIAN-CYCLIST UNDERPASS LIGHTING DETAILS