

CONDUCTORS

(NUMBER TO SUIT)

**GENERAL NOTES:** 

PROVIDE TWO (2) SPARE PATHWAY LIGHTING POLES FITTED WITH ONE (1) TYPE "C1" AND ONE (1) TYPE "C2" LUMINAIRES TO BE DELIVERED TO THE CITY OF WINNIPEG STREETS

PROVISION OF A NEW 100A, 1Ø, 3W, 120/240V UNDERGROUND POWER SERVICE TO NEW

TRANSFORMERS, ROUTING OF UNDERGROUND UTILITY POWER SERVICE CONDUCTORS,

MANITOBA HYDRO CUSTOMER METERING STANDARDS. 3. RD. EDITION. AUGUST 1, 2015.

ARRANGEMENTS WITH MANITOBA HYDRO INCLUDING STAKING FINAL GRADES OF THE

2. COORDINATE WITH MANITOBA HYDRO STREET LIGHTING DEPARTMENT FOR THE

CSTE "A". PRIOR TO COMMENCEMENT OF WORK CONTRACTOR TO FINALIZE

AREA IN ADDITION TO CONFIRMING LOCATIONS OF UTILITY SERVICE POLE(S),

TRENCHING AND BACKFILLING, ETC. ALL WORK SHALL BE IN ACCORDANCE WITH

DEPT. STORES DIVISION AT 1277 PACIFIC AVE, WPG. MB.

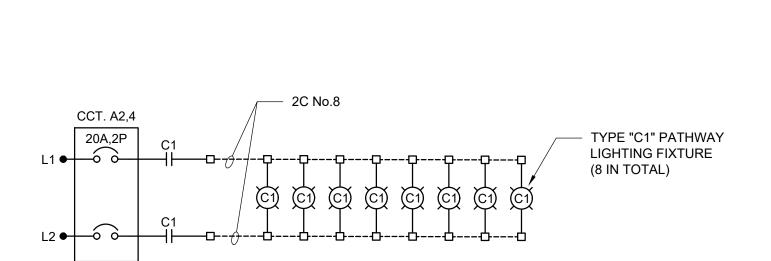
CSTE "A" PROPOSED LAYOUT (FRONT DOOR REMOVED)

N.T.S.

SERVICE

(NOTE 2)

CONDUCTORS



6 LIGHTING CIRCUIT No.1 POWER WIRING DIAGRAM
N.T.S.

## 2 3 G

## LAMACOID SCHEDULE

- 1 LIGHTING CONTROL SECTION
- 2 PATHWAY LIGHTING CIRCUIT No.1
- 3 LIGHTING CIRCUIT ENERGIZED
- 4 LIGHTING CIRCUIT CONTROL HAND/OFF/AUTO

REENDEERS DR. TO ALMEY AVE.

3 LIGHTING CONTROL SECTION PROPOSED LAYOUT

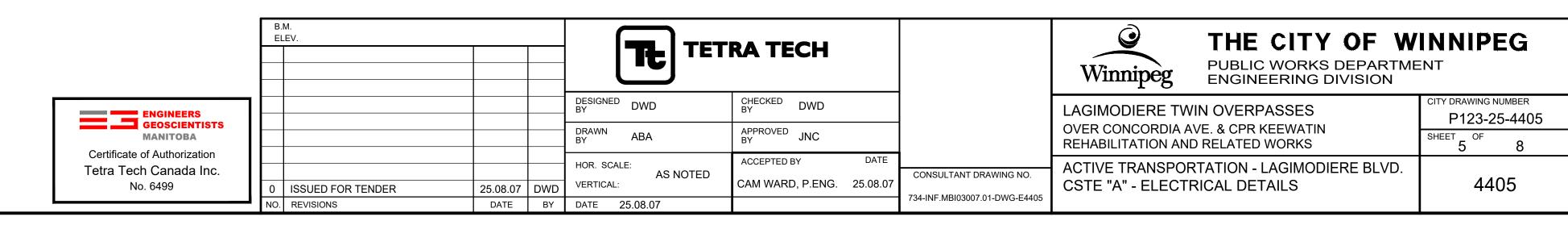
PANEL TAG NAME: "A" (FEEDS PATHWAY LIGHTING)		100A, 120/240V, 1¢, 3W MAINS: 100A, Cu MAIN BKR: NONE				u	MOUNTING: INTERIOR CSTE PAD MOUNTED ENCOSURE		
LOAD (W)	CIRCUIT DESCRIPTION	AMP	CIF	RCUI	CUITS AMP		CIRCUIT DESCRIPTION	LOAD (W)	
100	LIGHTING CONTROL CIRCUIT	15	1	Α	2	20	PATHWAY LIGHTING CIRCUIT #1	488	
	SPARE	20	3	В	4	20	REENDERS DR. TO ALMEY AVE.	400	
			5	Α	6				
			7	В	8				
			9	Α	10				
			11	В	12				
			13	Α	14				
			15	В	16				
			17	Α	18				
							PANEL INDICATING: PLE SITE LOCATIONS"		

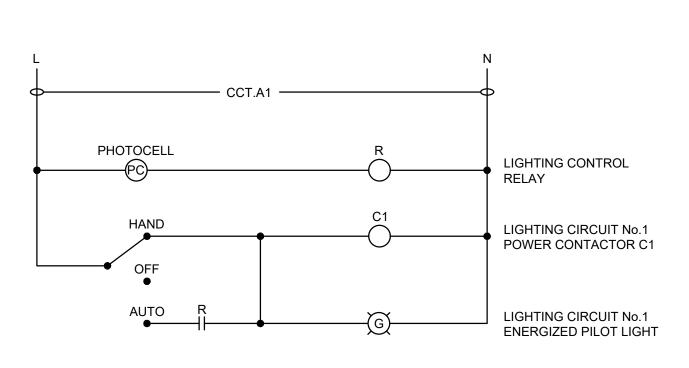
PANEL "A" SCHEDULE

N.T.S.

SITE LIGHTING CIRCUITS												
CIRCUIT NUMBER	CIRCUIT DESCRIPTION	ON FIXTURE ID		NUMBER OF FIXTURES	TOTAL POWER (W)	POWER SOURCE	FEEDER BREAKER	FEEDER CONDUCTOR S	REFERENCE DRAWINGS			
1	PATHWAY LIGHTING REENDERS DR. TO ALMEY AVE	"C1"	1φ, 240V, 61W	8	488	CSTE "A"	CCT. A2,4 20A,2P	2 No.8 1 No.10G	4401 4405			
2	PATHWAY LIGHTING EL TASSI DR. TO RAVELSTON AVE.	"C2"	1φ, 240V, 61W	7	488	CSTE "B"	CCT. B2,4 20A,2P	2 No.8 1 No.10G	4402 4406			
3	PATHWAY LIGHTING RAVELSTON AVE. W. TO PEGUIS ST.	"C2"	1φ, 240V, 61VV	2 (NOW) 8 (FUTURE)	122 (NOW) 488 (FUTURE)	CSTE "B"	CCT. B3,5 20A,2P	2 No.4 1 No.8G	4402 4406			
4	PATHWAY LIGHTING (FUTURE UNDERPASS)	"C2"	1φ, 240V, 61W	TBD (FUTURE)	TBD (FUTURE)	CSTE "B"	CCT. B7,9 20A,2P	TBD (FUTURE)	4402 4406			
5	UNDER BRIDGE LIGHTING SOUTH BOUND	"B"	1φ, 240V, 51W	8	408	CSTE "C"	CCT. C3,5 20A,2P	2 No.12 1 No.14G	2301 4407			
6	UNDER BRIDGE LIGHTING NORTH BOUND	"B"	1φ, 240V, 51W	8	408	CSTE "C"	CCT. C7,9 20A,2P	2 No.12 1 No.14G	2301 4407			
7	PATHWAY LIGHTING CONCORDIA AVE WEST	"C2"	1¢, 240V, 61W	6	366	CSTE "C"	CCT. C2,4 20A,2P	2 No.10 1 No.12G	4403 4407			
8	PATHWAY LIGHTING CONCORDIA AVE EAST	"C2"	1ф, 240V, 61W	9	549	CSTE "C"	CCT. C6,8 20A,2P	2 No.4 1 No.8G	4404 4407			







5 LIGHTING CONTROL CIRCUIT WIRING DIAGRAM

N.T.S.