

PANELBOARD DIRECTORY 'DS-P6A'							
ITEM	LOAD (kW)	OCP	C	C	ITEM	LOAD (kW)	OCP
CRANE PLUGS		125A, 3P	1	2	SPARE		15A
			3	4	SPARE		15A
			5	6	SPARE		15A
PANEL H		40A, 3P	7	8	SPACE		
			9	10	SPACE		
			11	12	SPACE		
CB-P6A		100A, 3P	13	14	SPACE		
			15	16	SPACE		
			17	18	SPACE		
UNDER DECK LIGHT	0.10	15A	19	20	SPACE		
UNDER DECK EAST LIGHT	0.50	15A	21	22	SPACE		
SPARE		15A	23	24	SPACE		
NOTES: PANELBOARD TO BE NEMA 3R RATED C/W GASKETTED COVER				RATING: 225A,347/600V/3ø/4W MOUNTING: SURFACE			

PANELBOARD DIRECTORY 'CB-P6A'							
ITEM	LOAD (kW)	OCP	C	C	ITEM	LOAD (kW)	OCP
EXISTING HOIST PLUGS		30A, 3P	1	2	ROADWAY LIGHTING	0.135	15A
			3	4	ROADWAY LIGHTING	0.135	15A
			5	6	ROADWAY LIGHTING	0.135	15A
EXISTING HOIST PLUGS		30A, 3P	7	8	ROADWAY LIGHTING	0.135	15A
			9	10	UNDER DECK LIGHTING	0.10	15A
			11	12	SPARE		15A
30kVA TRANSFORMER		40A, 3P	13	14	SPARE		15A
			15	16	SPARE		15A
			17	18	SPARE		15A
ROADWAY LIGHTING	0.135	15A	19	20	SPACE		
ROADWAY LIGHTING	0.135	15A	21	22	SPACE		
ROADWAY LIGHTING	0.135	15A	23	24	SPACE		
ROADWAY LIGHTING	0.135	15A	25	26	SPACE		
ROADWAY LIGHTING	0.135	15A	27	28	SPACE		
ROADWAY LIGHTING	0.135	15A	29	30	SPACE		
NOTES: PANELBOARD TO BE NEMA 3R RATED C/W GASKETTED COVER				RATING: 225A,347/600V/3ø/4W MOUNTING: SURFACE			

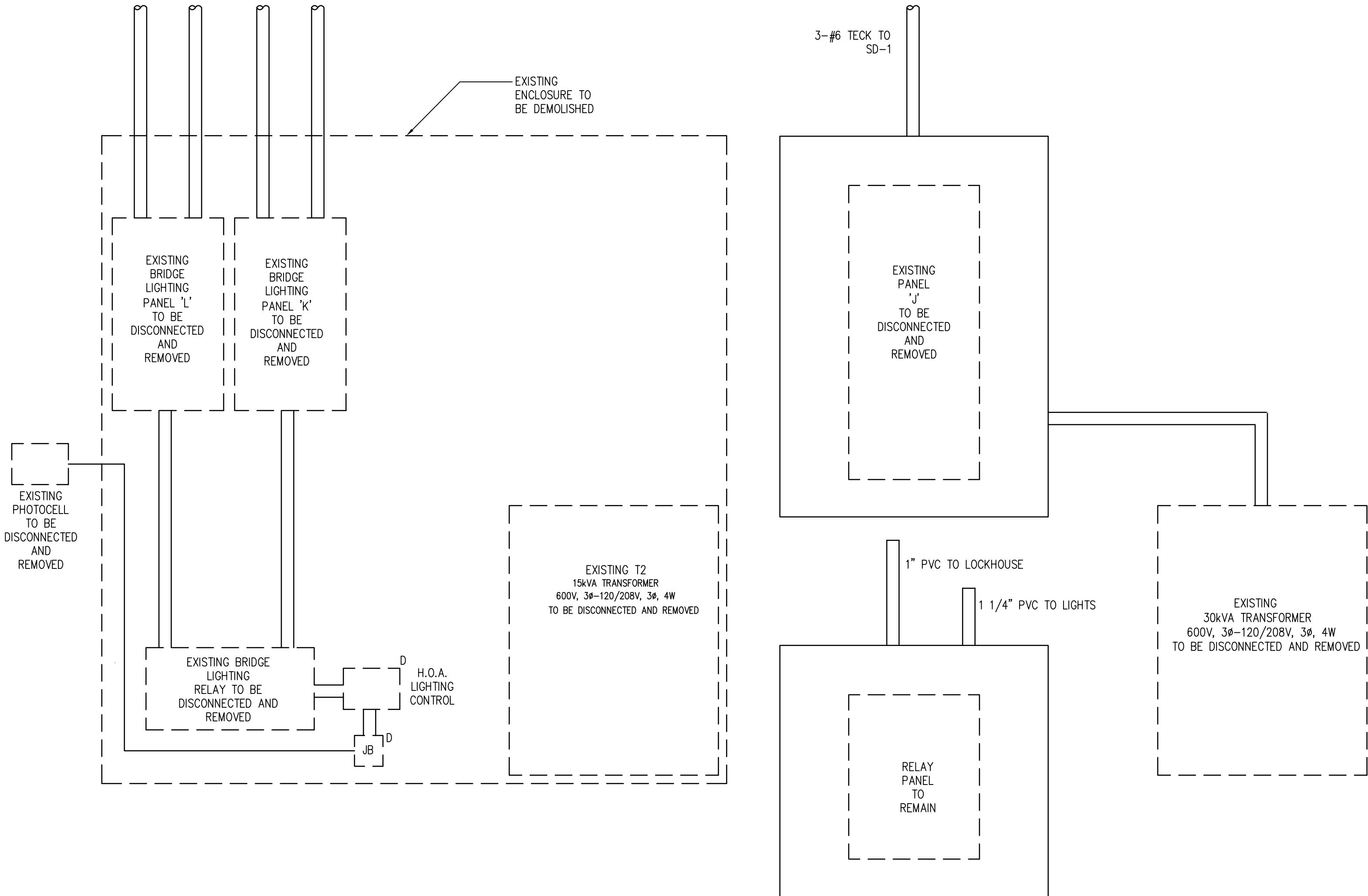
PANELBOARD DIRECTORY 'LH-P6A'							
ITEM	LOAD (kW)	OCP	C	C	ITEM	LOAD (kW)	OCP
CANAL LIGHTS SOUTH	2.85	15A	1	2	SPACE		
CANAL LIGHTS + ISLAND	3.216	15A	3	4	SPACE		
GRAVEL ROAD LIGHTS	3.15	15A	5	6	SPACE		
CANAL LIGHTS NORTH	1.89	15A	7	8	SPACE		
BRIDGE LIGHTS	0.638	15A	9	10	SPACE		
LOCK LIGHTING	0.186	15A	11	12	SPACE		
SPARE		20A	13	14	SPACE		
SPARE		20A	15	16	SPACE		
SPARE		20A	17	18	SPACE		
SPARE		20A	19	20	SPACE		
SPARE		20A	21	22	SPACE		
SPARE		20A	23	24	SPACE		
NOTES: PANELBOARD TO BE NEMA 3R RATED C/W GASKETTED COVER				RATING: 225A,347/600V/3ø/4W MOUNTING: SURFACE			

PANELBOARD DIRECTORY 'CB-P2A'							
ITEM	LOAD (KVA)	OCP	C	C	ITEM	LOAD (kW)	OCP
EXISTING		15A	1	2	SPACE		
EXISTING		15A	3	4	SPACE		
EXISTING		15A	5	6	SPACE		
EXISTING		15A	7	8	SPACE		
EXISTING		15A	9	10	SPACE		
EXISTING		15A	11	12	SPACE		
EXISTING		15A	13	14	SPACE		
EXISTING		15A	15	16	SPACE		
EXISTING SIGN LIGHTS		15A	17	18	SPACE		
EXISTING SIGN LIGHTS		15A	19	20	SPACE		
EXISTING SIGN LIGHTS		15A	21	22	SPACE		
SPARE		15A	23	24	SPACE		
SPARE		15A	25	26	SPACE		
SPARE		15A	27	28	SPACE		
SPARE		15A	29	30	SPACE		
NOTES: PANELBOARD TO BE NEMA 3R RATED C/W GASKETTED COVER				RATING: 225A,120/208V/3ø/4W MOUNTING: SURFACE			

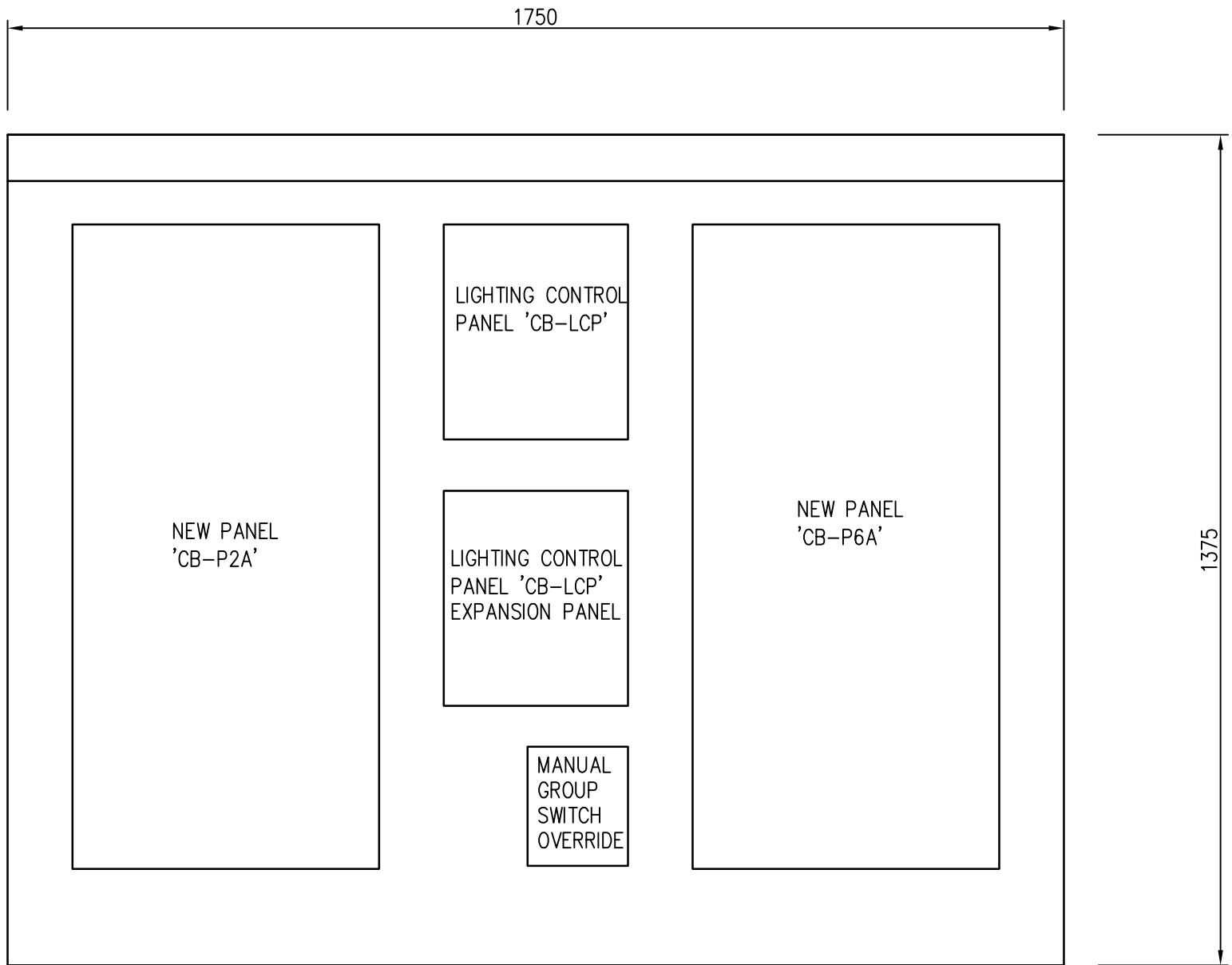
LIGHTING CONTROL RELAY PANEL "DS-LCP"				
RELAY #	AREA	DIMMING	SWITCHING	PHOTOCELL
1	UNDER DECK LTG DS-P6A-19		X	X
2	UNDER DECK LTG DS-P6A-21		X	X
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				

LIGHTING CONTROL RELAY PANEL "LH-LCP"				
RELAY #	AREA	DIMMING	SWITCHING	PHOTOCELL
1	CANAL CCT# LH-P6A-1		X	X
2	CANAL CCT# LH-P6A-3		X	X
3	CANAL CCT# LH-P6A-5		X	X
4	CANAL CCT# LH-P6A-7		X	X
5	CANAL CCT# LH-P6A-9		X	X
6	CANAL CCT# LH-P6A-11		X	X
BARRIER				
7	RANGE LIGHTS		X	X
8				
9				
10				
11				
12				
13				
14				
15				
16				

LIGHTING CONTROL RELAY PANEL "CB-LCP"				
RELAY #	AREA	DIMMING	SWITCHING	PHOTOCELL
1	ROADWAY LIGHTING CB-P6A-19		X	X
2	ROADWAY LIGHTING CB-P6A-21		X	X
3	ROADWAY LIGHTING CB-P6A-23		X	X
4	ROADWAY LIGHTING CB-P6A-25		X	X
5	ROADWAY LIGHTING CB-P6A-27		X	X
6	ROADWAY LIGHTING CB-P6A-29		X	X
7	ROADWAY LIGHTING CB-P6A-2		X	X
8	ROADWAY LIGHTING CB-P6A-4		X	X
9	ROADWAY LIGHTING CB-P6A-6		X	X
10	ROADWAY LIGHTING CB-P6A-8		X	X
11	UNDER DECK LTG CB-P6A-10		X	X
12	SPACE			
BARRIER				
13	SIGN LIGHT CB-P2A-17		X	X
14	SIGN LIGHT CB-P2A-19		X	X
15	SIGN LIGHT CB-P2A-21		X	X
16				



1 EXISTING CENTRE BRIDGE DISTRIBUTION DETAIL  
E17 NTS



2 CENTRE BRIDGE DISTRIBUTION DETAIL  
E17 NTS


1	ISSUED FOR CONSTRUCTION	July 27,16
0	ISSUED FOR 99% CONSTRUCTION DOCUMENTS	June 9,16
Revision/Revision	Description/Description	Date/Date

Client/client	ST. ANDREWS LOCK AND DAM
	ST. ANDREWS, MANITOBA

Project title/Titre du projet	ST. ANDREWS LOCK AND DAM ST. ANDREWS, MANITOBA
	LIGHTING AND ELECTRICAL UPGRADES

Approved by/Approve par	HCC
Designed by/Concept par	PL
Drawn by/Dessine par	RD
PWSC Project Manager/Administrateur de Projets TPSGC	KEVIN GALLAYS
PWSC, Architectural and Engineering Resources Manager/Ressources Architectural et de Directeur d'ingénierie, TPSGC	
Client/client	

Drawing title/Titre du dessin	CENTRE BRIDGE DISTRIBUTION DETAILS, PANELBOARD AND LIGHTING CONTROL RELAY PANEL SCHEDULES
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Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.076331	E17 OF 17	1