

 <b>SNC • LAVALIN</b>	<b>CABLE SCHEDULE</b>		Document Code	112577-0116-47EL-0001
			Revision	00
Client City of Winnipeg				
Project SEWPCC Ventilation and Misc. Upgrades				
Package / Area				
Prepared By	Name			Date
	T. Church			2012-11-21
Checked By	Name	Signature	Date	
	C. Reimer		2012-11-22	
Approved By	Name	Signature	Date	
	C. Reimer		2012-11-22	
Notes / Comments			Seal	
			Original Document Sealed By: T. M. Church SNC Lavalin Inc. Member #32682 2012-11-22 Rev. 00	

Revisions					
Rev	Description	Date	By	Checked	Approved
00	Issued for Tender	2012-11-21	T. Church	C. Reimer	C. Reimer

Reference Documents

Cable ID	Cable Type	From	To	Spacing See Note 1	Length (m)	Notes	Rev
<b>Automation Cables</b>							
CA-G601-1	20C, 16 AWG, ACIC, 600V	LCP-G1	VFD-G601	0%	4.5		00
CA-G601-2	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G1	VFD-G601	0%	4.5		00
CA-G601-XV-1	5C, 14 AWG, TECK90, 600V	VFD-G601	JBA-G601-XV-1	0%	17		00
CA-G601-XV-2	5C, 14 AWG, TECK90, 600V	VFD-G601	JBA-G601-XV-2	0%	19		00
CA-G601-FT	2 PR, 16 AWG, ACIC, 300V, ISOS	LCP-G1	G601-FT	0%	14.5		00
CA-G601-PDS	2C, 16 AWG, ACIC, 300V	LCP-G1	G601-PDS	0%	13.5		00
CA-G601-TT-1	1PR, 18 AWG, ACIC, 300V, OS	LCP-G1	G601-TT-1	0%	15.5		00
CA-G602-1	20C, 16 AWG, ACIC, 600V	LCP-G1	VFD-G602	0%	5.5		00
CA-G602-2	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G1	VFD-G602	0%	5.5		00
CA-G602-XV-1	5C, 14 AWG, TECK90, 600V	VFD-G602	JBA-G602-XV-1	0%	6		00
CA-G602-XV-2	5C, 14 AWG, TECK90, 600V	VFD-G602	JBA-G602-XV-2	0%	8		00
CA-G602-FT	2 PR, 16 AWG, ACIC, 300V, ISOS	LCP-G1	G602-FT	0%	8		00
CA-G603-1	4C, 14 AWG, TECK90, 600V	LCP-G1	MCC-1G	0%	47.5		00
CA-G603-TV	2 PR, 16 AWG, ACIC, 300V, ISOS	LCP-G1	G603-TV	0%	20		00
CA-G603-FSL	3C, 16 AWG, ACIC, 300V	LCP-G1	G603-FSL	0%	24		00
CA-G603-TT-1	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G1	G603-TT-1	0%	13		00
CA-G603-TT-2	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G1	G603-TT-2	0%	22		00
CA-G603-TT-3	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G1	G603-TT-3	0%	22		00
CA-G605-1	4C, 14 AWG, TECK90, 600V	LCP-G1	MCC-1G	0%	45		00
CA-G605-TT	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G1	G605-TT	0%	14		00
CA-G605-TV	2 PR, 16 AWG, ACIC, 300V, ISOS	LCP-G1	G605-TV	0%	20		00
C-G605-FSL	3C, 16 AWG, ACIC, 300V	LCP-G1	G605-FSL	0%	24		00
CA-G606-HS	2C, 14 AWG, TECK90, 600V	JBA-G606	G606-HS	0%	1.5		00
CA-JBA-G606	5C, 14 AWG, TECK90, 600V	LCP-G1	JBA-G606	0%	31.5		00
CA-G607-1	2C, 16 AWG, ACIC, 300V	LCP-G1	JBA-GDC-G1	0%	28		00
CA-G608-PDT	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G1	G608-PDT	0%	25		00
CA-G682-TT-1	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G2	G682-TT-1	0%	11.5		00
CA-G682-TT-2	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G2	G682-TT-2	0%	8.5		00
CA-G682-TT-3	1 PR, 18 AWG, ACIC, 300V, OS	LCP-G2	G682-TT-3	0%	6		00
CA-G682-FV-1	3PR, 16 AWG, ACIC, 300V, ISOS	LCP-G2	JBA-G682-FV-1	0%	5		00
CA-G682-FV-2	3PR, 16 AWG, ACIC, 300V, ISOS	LCP-G2	JBA-G682-FV-2	0%	7		00
CA-G682-PV-3	3PR, 16 AWG, ACIC, 300V, ISOS	LCP-G1	JBA-G682-PV-3	0%	5.5		00
CA-G682-TV-1	3PR, 16 AWG, ACIC, 300V, ISOS	LCP-G2	G682-TV-1	0%	6.5		00
CA-G682-TV-2	3PR, 16 AWG, ACIC, 300V, ISOS	LCP-G2	G682-TV-2	0%	6.5		00
CA-G682-PDT	1 PR, 18 AWG, ACIC, 300V, OS	JBA-G7	G682-PDT	0%	4		00
CA-G682-1	5C, 14 AWG, TECK90, 600V	LCP-G2	MCC-2G	0%	50		00
CA-G682-FSL	3C, 16 AWG, ACIC, 300V	LCP-G2	G682-FSL	0%	8.5		00
CA-G682-TSL-1	2C, 14 AWG, TECK90, 600V	LCP-G2	G682-TSL	0%	11.5		00
CA-G682-TSL-2	2C, 16 AWG, ACIC, 300V	LCP-G2	G682-TSL	0%	11.5		00
CA-G686-XV	5C, 14 AWG, TECK90, 600V	LCP-G1	G686-XV	0%	16		00
CA-G686-1	6C, 14 AWG, TECK90, 600V	MCC-2G	LCP-G1	0%	45		00
CA-G687-1	20C, 16 AWG, ACIC, 600V	LCP-G1	VFD-G687	0%	6		00
CA-G687-2	2 PR, 18 AWG, ACIC, 300V, ISOS	LCP-G1	VFD-G687	0%	6		00
CA-G687-XV	5C, 14 AWG, TECK90, 600V	VFD-G687	G687-XV	0%	18		00
CA-G692-TT	1 PR, 18 AWG, ACIC, 300V, OS	JBA-G7	G692-TT	0%	4		00
CA-JBA-G7	2 PR, 18 AWG, ACIC, 300V, ISOS	LCP-G2	JBA-G7	0%	60		00
CA-G692-1	10C, 14 AWG, TECK90, 600V	LCP-G2	MCC-2G	0%	50		00
CA-G692-XV	5C, 14 AWG, TECK90, 600V	MCC-2G	JBA-G692-XV	0%	30		00
CN-LCP-G1	ARMOURED CAT-5E	NP-G1	LCP-G1	0%	56.5		00
CN-LCP-G2	ARMOURED CAT-5E	NP-G1	LCP-G2	0%	26		00
CA-G500-1	6C, 16 AWG, ACIC, 300V	LCP-G1	FDP-G	0%	56.5		00
CA-B580-LT	1 PR, 18 AWG, CIC, 300V, OS	FDP-G	JBA-B580	0%	49		00
CA-B580-1	8C, 14 AWG, 600V, RW90	PCU-SA	MCC-2B	0%	45		00
C-LCP-G1-1	2C, 12 AWG, 600V, TECK90	PNL-G10	LCP-G1	0%	52		00
C-LCP-G1-2	2C, 12 AWG, 600V, TECK90	PNL-3G	LCP-G1	0%	55.5		00
C-LCP-G2-1	2C, 12 AWG, 600V, TECK90	PNL-G10	LCP-G2	0%	38.5		00
C-LCP-G2-2	2C, 12 AWG, 600V, TECK90	PNL-3G	LCP-G2	0%	38.5		00
<b>Power Cables</b>							
C-G603-G605-1	2C, 12 AWG, 600V, TECK90	PNL-3G	RM. G129 RCPT	0%	65.5		00
C-G601-1	3C, 12 AWG, 1000V, TECK90	MCC-1G	VFD-G601	0%	47.5		00
C-G601-2	3C, 12 AWG, 1000V, VFD CABLE	VFD-G601	G601-SF	0%	17.5		00
C-G602-1	3C, 12 AWG, 1000V, TECK90	MCC-2G	VFD-G602	0%	51		00
C-G602-2	3C, 12 AWG, 1000V, VFD CABLE	VFD-G602	G602-SF	0%	16		00
C-G603-1	3C, 12 AWG, 1000V, TECK90	MCC-1G	G603-GP	0%	57		00
C-G605-1	3C, 12 AWG, 1000V, TECK90	MCC-1G	G605-GP	0%	57		00
C-G686-1	3C, 12 AWG, 1000V, TECK90	MCC-2G	DS-G686	0%	56		00
C-G686-2	3C, 12 AWG, 1000V, TECK90	DS-G686	G686-EF	0%	5		00
C-G687-1	3C, 10 AWG, 1000V, TECK90	MCC-1G	VFD-G687	0%	52		00
C-G687-2	3C, 10 AWG, 1000V, VFD CABLE	VFD-G687	G687-EF	0%	14.5		00
C-B580-1	3C, 12 AWG, 1000V, RW90	MCC-2B	JBP-B580	0%	25		00
C-G692-1	3C, 12 AWG, 1000V, TECK90	MCC-2G	G692-EF	0%	27		00

**Notes:**

- The Spacing column refers to the minimum percentage of a cable diameter, that must be between the nearest adjacent cable. Where two cables are adjacent, the spacing between the cables shall be the larger of the two spacings specified. Note that cables with a minimum spacing of 0%, may not be adjacent to existing or new cables with unspecified spacing except as directed by the Contract Administrator.
- The length is an estimate only, and is not to be utilized for construction. The contractor is responsible for determining the required cable lengths.
- This schedule is provided for reference only. The potential omission of any cables on this schedule, which may be required, does not reduce the contractor's responsibility in providing a complete installation.
- All conductors are copper, unless indicated otherwise.
- In general, 12 and 14 AWG RW90 and FAS wiring is not shown.