SNC·LAVALIN	CABLE SCHEDULE	Document Code	505581-0002-47EL-0002
		Revision	00

Client
City of Winnipeg

Project
Mager Drive Flood and Wastewater Pumping Station Upgrades

Package / Area

	Name	Signature	Date
Prepared By	V. Elimban / B. Cleven		2011-11-17
Checked By	C. Reimer		2011-11-17
Approved By	C. Reimer		2011-11-17

Notes / Comments

Seal

Revisions

Rev	Description	Date	By	Checked	Approved
00	Issued for Tender	2011-11-17	B. Cleven	C. Reimer	C. Reimer

Cable ID	Cable Type	From	To	Spacing See Note 1	Length (m)	Routing	Notes	Rev
CA-F527	1PR, 16 AWG, CIC, 600V, OS	MCC-F1(F527-ESL)	RTU Panel	0%	10	Conduit		00
CA-F565	1PR, 16 AWG, CIC, 600V, OS	MCC-F1.TVSS	RTU Panel	0%	10	Conduit		00
CA-F602-TT	1PR, 18 AWG, 300V	HCE-F1	Duct Sensor	0%	3	Conduit		00
CA-F602-HC	1PR, 18 AWG, 300V	HCE-F1	Remote Adj.	0%	7	Conduit		00
CA-F601	2C, 14 AWG, RW90	SF-F2.DS	JBA-F601	0%	3	Conduit		00
CA-F603-TSH	3C, 14 AWG, RW90	SF-F2	F603-TSH	0%	7	Conduit		00
CA-F604	2 PR, 16 AWG, CIC, 300V, OS	RTU PANEL	F604-TS	0%	6	Conduit		00
CA-DS-P-F1	2C, 14 AWG, TECK90, 600V	MCC-F1.MS-P-F1	DS-P-F1	0%	9	Surface		00
CA-DS-P-F2	2C, 14 AWG, TECK90, 600V	MCC-F1.MS-P-F2	DS-P-F2	0%	9	Surface		00
CA-F501-HS-1	2C, 12 AWG, TECK90, 600V	MCC-F1.MS-P-F1	F501-HS-1	0%	12	Surface		00
CA-F501-HS-2	2C, 12 AWG, TECK90, 600V	F501-HS-1	F501-HS-2	0%	16	Surface		00
CA-F502-HS-1	2C, 12 AWG, TECK90, 600V	MCC-F1.MS-P-F2	F502-HS-1	0%	16	Surface		00
CA-F502-HS-2	2C, 12 AWG, TECK90, 600V	F502-HS-1	F502-HS-2	0%	16	Surface		00
CA-MS-P-F1	25C, 16 AWG, ACIC, 600V	RTU Panel	MCC-F1.MS-P-F1	0%	10	Surface		00
CA-MS-P-F2	25C, 16 AWG, ACIC, 600V	RTU Panel	MCC-F1.MS-P-F2	0%	9	Surface		00
CA-F605-HS-1	3C, 14 AWG, TECK90, 600V	MCC-F1.MS-SF-F1	F605-HS-1	0%	15	Surface		00
CA-F605	4C, 14 AWG, TECK90, 600V	MCC-F1.MS-SF-F1	JBA-F605	0%	18	Surface		00
CA-MS-SF-F1	4PR, 16 AWG, CIC, 600V, OS	RTU Panel	MCC-F1.MS-SF-F1	0%	11	Conduit		00
CA-F606-TSH	2C, 14 AWG, TECK90, 600V	MCC-F1.MS-EF-F1	F606-TSH	0%	11	Surface		00
CA-F606	4C, 14 AWG, TECK90, 600V	MCC-F1.MS-EF-F1	JBA-F606	0%	17	Surface		00
CA-MS-EF-F1	4PR, 16 AWG, CIC, 600V, OS	RTU Panel	MCC-F1.MS-EF-F1	0%	11	Conduit		00

Power Cables

C-MCC-F1-A	3C, 500 MCM, TECK90, 1000V	CSTE	MCC-F1	100%	32	Direct Buried		00
C-MCC-F1-B	3C, 500 MCM, TECK90, 1000V	CSTE	MCC-F1	100%	32	Direct Buried		00
C-DS-P-F1	3C, 1/0 AWG, TECK90, 1000V	MCC-F1.MS-P-F1	DS-P-F1	100%	7	Surface		00
C-DS-P-F2	3C, 250 MCM, TECK90, 1000V	MCC-F1.MS-P-F2	DS-P-F2	100%	7	Surface		00
C-P-F1	3C, 1/0 AWG, TECK90, 1000V	DS-P-F1	P-F1	100%	8	Surface		00
C-P-F2	3C, 250 MCM, TECK90, 1000V	DS-P-F2	P-F2	100%	12	Surface		00
C-XFMR-F10	3C, 6 AWG, TECK90, 1000V	MCC-F1	XFMR-F10	100%	5	Surface		00
C-PNL-F10	4C, 2 AWG, TECK90, 1000V	XFMR-F10	PNL-F10	100%	7	Surface		00
C-SF-F1	6C, 12 AWG, TECK90, 1000V	MCC-F1.MS-SF-F1	SF-F1	100%	15	Surface		00
C-EF-F1	3C, 12 AWG, TECK90, 1000V	MCC-F1.MS-EF-F1	EF-F1	100%	21	Surface		00
C-HCE-F1	3C, 12 AWG, RW90	PNL-F10	HCE-F1	-	5	Conduit - Dedicated		00
C-SF-F2	3C, 12 AWG, RW90	PNL-F10	SF-F2	-	6	Conduit - Dedicated		00
C-MS-P-L1	3C, 2 AWG, TECK90, 1000V	MCC-F1	MS-P-L1	100%	18	Direct Buried		00
C-MS-P-L2	3C, 2 AWG, TECK90, 1000V	MCC-F1	MS-P-L2	100%	18	Direct Buried		00
C-XFMR-L10	3C, 6 AWG, TECK90, 1000V	MCC-F1	XFMR-L10	100%	20	Direct Buried		00

Notes:

1. 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.
2. The length is an estimate only, and is not to be utilized for construction. The contractor is responsible for determining the required cable lengths.
3. 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.
4. All conductors are copper, unless indicated otherwise.
5. Wiring associated with lighting and receptacle loads are not shown.
6. Legend:
   OS Overall Shield
   ISOS Individual and Overall Shield