

**SPECIFIC NOTES:**

- ① LC DUPLEX PAIR-WISE CROSS OVER.

**NOTES:**

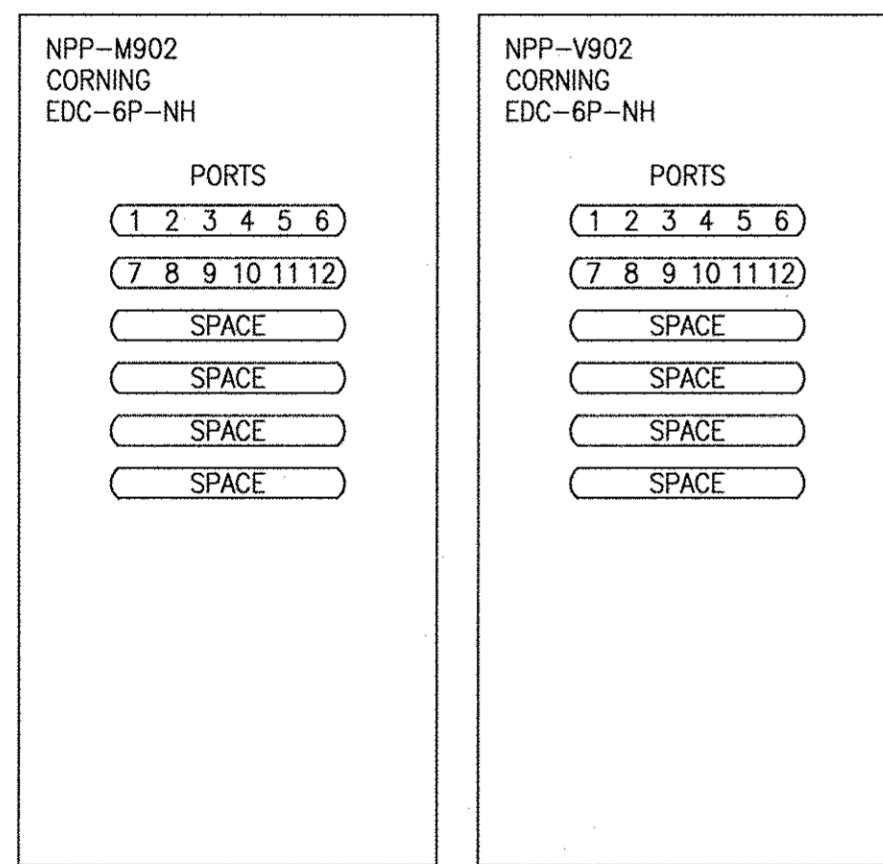
- 1. GENERAL LC DUPLEX PORTS ARE SHOWN WITHIN PARENTHESES.
- 2. STRAND NUMBERS 25 TO 36 ARE DESIGNATED AS SPARE FIBRES AND NOT SHOWN.
- 3. STRAND NUMBERS AND COLOURS CORRESPOND TO 12 FIBRE BUFFER TUBES.

**BLUE BUFFER TUBE - STRAND NUMBERS & COLOURS**

CABLE	FROM	TO	1	2	3	4	5	6	7	8	9	10	11	12
			BLUE	ORANGE	GREEN	BROWN	SLATE	WHITE	RED	BLACK	YELLOW	VIOLET	ROSE	AQUA
CN-M902	NPP-V902 (1-6)	NPP-M902 (1-6)	I90.TX1 H.TX(F)	I90.RX1 H.RX(F)	I90.TX2 CP.TX(F)	I90.RX2 CP.RX(F)	CS.TX(F)	CS.RX(F)	F	F	F	F	F	F

**ORANGE BUFFER TUBE - STRAND NUMBERS & COLOURS**

CABLE	FROM	TO	13	14	15	16	17	18	19	20	21	22	23	24
			BLUE	ORANGE	GREEN	BROWN	SLATE	WHITE	RED	BLACK	YELLOW	VIOLET	ROSE	AQUA
CN-M902	NPP-V902 (7-12)	NPP-M902 (7-12)	V.TX(F)	V.RX(F)	F	F	F	F	F	F	A.TX(F)	A.RX(F)	S.TX(F)	S.RX(F)



**NPP-V902 AND NPP-M902 BILL OF MATERIAL**

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	ENVIRONMENTAL DISTRIBUTION CENTER; ACCEPT 6 CCH CONNECTOR PANELS AND 6 TYPE 2S OR 3 TYPE 4S SPLICE TRAYS	CORNING	EDC-6P-NH
2	2	CLOSET CONNECTOR HOUSING (CCH) PANEL, LC ADAPTERS, DUPLEX, UPC, 12 FIBRE, SINGLE MODE (OS2)	CORNING	CCH-CP12-A9
3	1	SPLICE TRAY, HEAT-SHRINK FUSION SPLICES, 24 F	CORNING	M67-07B
4	AS REQ'D	FUSION SPlicer PROTECTOR, 60 mm LONG, HEAT SHRINK SLEEVE AND SS ROD	CORNING	2806031-01
5	AS REQ'D	NEMA 4 RATED CONDUIT FITTINGS FOR 2 INCH CONDUIT	CORNING	EDC-2N4-KIT

**STRAND ALLOCATION LEGEND**

- A - ADMINISTRATION NETWORK
- CP - PRIMARY CONTROL NETWORK
- CS - SECONDARY CONTROL NETWORK
- H - SUPERVISORY NETWORK
- F - FUTURE
- S - SECURITY
- V - SERVER NETWORK
- I90 - INF190 NETWORK

**FUNCTION LEGEND (FROM THE PERSPECTIVE OF THE "TO" DEVICE)**

- TX - TRANSMIT
- RX - RECEIVE

**A EDC FIBRE PATCH PANEL PORT LAYOUT**

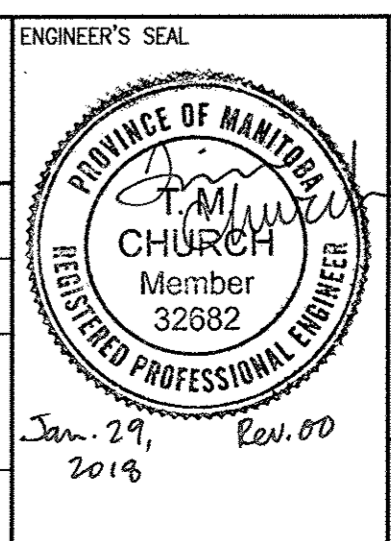
1-0103A-E0021	FIBRE ROUTE
DRAWING NUMBER	REFERENCE DRAWINGS



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION	2018/01/26	BD	TMC

**SNC-LAVALIN INC.**  
 148 Notary Park Way  
 Winnipeg, MB, Canada R3P 0X7  
 204-786-8080

DESIGNED BY: B. DE GUZMAN  
 CHECKED BY: T. CHURCH  
 DRAWN BY: B. DE GUZMAN  
 APPROVED BY: T. CHURCH  
 SCALE: NTS  
 ISSUED FOR CONSTRUCTION BY: A. WOLFE  
 DATE: 2017/11/03  
 DATE: 2018/01/26  
 CONSULTANT NO.:



**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

WEST END WATER POLLUTION CONTROL CENTRE  
 WEWPCC TO PERIMETER ROAD PUMPING STATION (PRPS) FIBRE PROJECT  
 FACILITY FIBRE ALLOCATION

CITY DRAWING NUMBER: 1-0103A-A0001  
 SHEET: 001  
 REV: 00  
 SIZE: A1