A1 SIZE – 594mm x 841mm

NETWORK SWITCH ID:	LOCATION:	MODEL:	IP ADDRESS:	MANAGED [X] UNMANAGED [ ]
NSW-D710-1	MCC-D710	TCSESM163F23F0	XXX.XXX.XXX	

PORT	EQMT ID	TYPE	LOCATION	IP ADDRESS	NOTES
1	NSW-D930	NSW	CP-D820		
2	NSW-D710-2	NSW	MCC-D710		
3	MXR-D301	MMC	MCC-D710		
4	MXR-D302	MMC	MCC-D710		
5	MXR-D303	MMC	MCC-D710		
6	MXR-D304	MMC	MCC-D710		
7	P-D321	MMC	MCC-D710		
8	P-D322	MMC	MCC-D710		
9	P-D405	VFD	MCC-D710		
10	P-D411	VFD	MCC-D710		
11	P-T261	MMC	MCC-D730		MCC-D730
12	EF-T301	VFD	MCC-D730		MCC-D730
13					
14					
15					
16					
NOTES	1. SWITCH DEDICATED FOR PROCESS EQUIPMENT.				

NETWORK SWITCH ID:	LOCATION:	MODEL:	IP ADDRESS:	MANAGED [X] UNMANAGED [ ]
NSW-D720-1	MCC-D720	TCSESM163F23F0	XXX.XXX.XXX	

PORT	EQMT ID	TYPE	LOCATION	IP ADDRESS	NOTES
1	NSW-D710-2	NSW	MCC-D710		
2	NSW-D720-2	NSW	MCC-D720		
3	MXR-D311	MMC	MCC-D720		
4	MXR-D312	MMC	MCC-D720		
5	MXR-D313	MMC	MCC-D720		
6	MXR-D314	MMC	MCC-D720		
7	P-D323	MMC	MCC-D720		
8	P-D406	VFD	MCC-D720		
9	P-D412	VFD	MCC-D720		
10	P-T262	MMC	MCC-D740		MCC-D740
11	EF-T302	VFD	MCC-D740		MCC-D740
12					
13					
14					
15					
16					
NOTES	1. SWITCH DEDICATED FOR PROCESS EQUIPMENT.				

NETWORK SWITCH ID:	LOCATION:	MODEL:	IP ADDRESS:	MANAGED [X] UNMANAGED [ ]
NSW-D710-2	MCC-D710	TCSESM163F23F0	XXX.XXX.XXX	

PORT	EQMT ID	TYPE	LOCATION	IP ADDRESS	NOTES
1	NSW-D710-1	NSW	MCC-D710		
2	NSW-D720-1	NSW	MCC-D720		
3	P-D413	VFD	MCC-D710		
4	P-D419	VFD	MCC-D710		
5	P-D451	VFD	MCC-D710		
6	P-D461	VFD	MCC-D710		
7	P-D463	VFD	MCC-D710		
8	P-R301	VFD	MCC-D710		
9	P-R302	VFD	MCC-D710		
10					
11					
12					
13					
14					
15					
16					
NOTES	1. SWITCH DEDICATED FOR PROCESS EQUIPMENT.				

NETWORK SWITCH ID:	LOCATION:	MODEL:	IP ADDRESS:	MANAGED [X] UNMANAGED [ ]
NSW-D720-2	MCC-D720	TCSESM163F23F0	XXX.XXX.XXX	

PORT	EQMT ID	TYPE	LOCATION	IP ADDRESS	NOTES
1	NSW-D720-1	NSW	MCC-D720		
2	NSW-D931	NSW	CP-D820		
3	P-D414	VFD	MCC-D720		
4	P-D418	VFD	MCC-D720		
5	P-D420	VFD	MCC-D720		
6	P-D452	VFD	MCC-D720		
7	P-D462	VFD	MCC-D720		
8	P-D464	VFD	MCC-D720		
9	P-R303	VFD	MCC-D720		
10	P-R304	VFD	MCC-D720		
11					
12					
13					
14					
15					
16					
NOTES	1. SWITCH DEDICATED FOR PROCESS EQUIPMENT.				

NETWORK SWITCH ID:	LOCATION:	MODEL:	IP ADDRESS:	MANAGED [X] UNMANAGED [ ]
NSW-D710-3	MCC-D710	TCSESM163F23F0	XXX.XXX.XXX	

PORT	EQMT ID	TYPE	LOCATION	IP ADDRESS	NOTES
1	PLC-D806	NSW	CP-D826		
2	NSW-D720-3	NSW	MCC-D720		
3	EF-D611	VFD	MCC-D710		
4	EF-T611	VFD	MCC-D730		MCC-D730
5	EF-D621	VFD	MCC-D710		
6					
7					
8					
9					
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11					
12					
13					
14					
15					
16					
NOTES	1. SWITCH DEDICATED FOR HVAC EQUIPMENT.				

NETWORK SWITCH ID:	LOCATION:	MODEL:	IP ADDRESS:	MANAGED [X] UNMANAGED [ ]
NSW-D720-3	MCC-D720	TCSESM163F23F0	XXX.XXX.XXX	

PORT	EQMT ID	TYPE	LOCATION	IP ADDRESS	NOTES
1	NSW-D710-3	NSW	MCC-D710		
2	PLC-D806	NSW	CP-D806		
3	EF-D612	VFD	MCC-D720		
4	EF-T612	VFD	MCC-D740		MCC-D740
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
NOTES	1. SWITCH DEDICATED FOR HVAC EQUIPMENT.				

REFERENCE DRAWINGS	DESCRIPTION
1-0102-ESLD-D004	SINGLE LINE DIAGRAM, MOTOR CONTROL CENTRE MCC-D740
1-0102-ESLD-D003	SINGLE LINE DIAGRAM, MOTOR CONTROL CENTRE MCC-D730
1-0102-ESLD-D002-002	SINGLE LINE DIAGRAM, MOTOR CONTROL CENTRE MCC-D720
1-0102-ESLD-D002-001	SINGLE LINE DIAGRAM, MOTOR CONTROL CENTRE MCC-D720
1-0102-ESLD-D001-002	SINGLE LINE DIAGRAM, MOTOR CONTROL CENTRE MCC-D710
1-0102-ESLD-D001-001	SINGLE LINE DIAGRAM, MOTOR CONTROL CENTRE MCC-D710
1-0102-ABDG-D001	CONTROL SYSTEM ARCHITECTURE, FERMENTERS/THICKENERS/BIOFILTERS

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	PC	TMC

CH2MHILL.
SNC·LAVALIN
KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: P. CHICATUN	CHECKED BY: T. CHURCH
DRAWN BY: M. WANG	APPROVED BY: E. RYCZKOWSKI
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/08/15	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
CHICATUN
Member
30307
REGISTERED PROFESSIONAL ENGINEER
Rev.00 Apr. 4, 2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
AUTOMATION – NETWORK DIAGRAM
FERMENTERS/THICKENERS/BIOFILTERS
DEVICE NETWORK

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-ANET-D003	004	00	A1

LAST SAVE: 2017/04/01 – 10:45am
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356273\1-0102-ANET-D003-004.dwg

PLOT DATE: Apr 01, 2017 – 10:45am
FILE NAME: 1-0102-ANET-D003-004.dwg