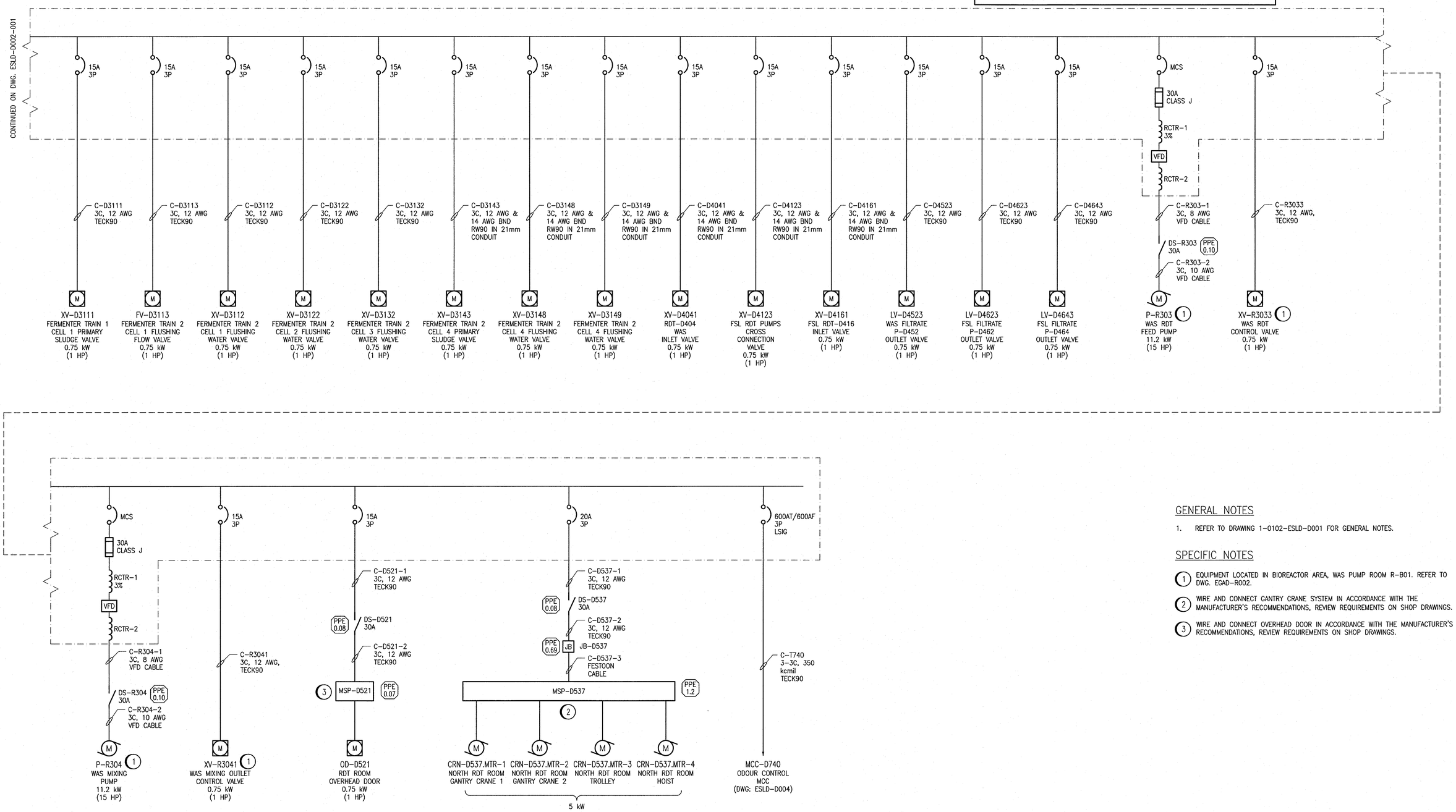
A1 SIZE – 594mm x 841mm

DISCLAIMER NOTES:

1. ARC FLASH VALUES ARE PRELIMINARY AND WILL BE FINALIZED AT A LATER DATE.
2. IMPEDANCE %Z FOR TRANSFORMER ARE ESTIMATED AND WILL BE CORRECTED WITH ACTUAL VALUES SUBMITTED BY THE CONTRACTOR FROM SHOP DRAWING SUBMITTALS.



GENERAL NOTES

1. REFER TO DRAWING 1-0102-ESLD-D001 FOR GENERAL NOTES.

SPECIFIC NOTES

1. EQUIPMENT LOCATED IN BIOREACTOR AREA, WAS PUMP ROOM R-B01. REFER TO DWG. EGAD-R002.
2. WIRE AND CONNECT GANTRY CRANE SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, REVIEW REQUIREMENTS ON SHOP DRAWINGS.
3. WIRE AND CONNECT OVERHEAD DOOR IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, REVIEW REQUIREMENTS ON SHOP DRAWINGS.

REFERENCE DRAWINGS	DESCRIPTION
1-0102-ECBD-D002	ELECTRICAL, MCC-D720 LAYOUT AND SCHEDULE
1-0102-EAAA-A001	ELECTRICAL, LEGEND AND DETAILS

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

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

CH2MHILL. SNC-LAVALIN KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: V. ELIMBAN	CHECKED BY: E. RYCZKOWSKI
DRAWN BY: MJ. PERSSON	APPROVED BY: D. BECKER
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/06/16	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D.E. BECKER
Member 23646
REGISTERED PROFESSIONAL ENGINEER
April 5 2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
ELECTRICAL – SINGLE LINE DIAGRAM
FERMENTERS/THICKENERS
MOTOR CONTROL CENTRE MCC-D720

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-ESLD-D002	002	00	A1

LAST SAVE: 2017/03/28 – 8:10am
PATH: M:\614099\4ENG\47ELE\DD – General DWG\REV\2017-04-05 Issued for Construction – 976-2016\D Fermenters-thickeners\DWG\1-0102-ESLD-D002-002.dwg

PLOT DATE: Mar 28, 2017 – 8:10am
FILE NAME: 1-0102-ESLD-D002-002.dwg