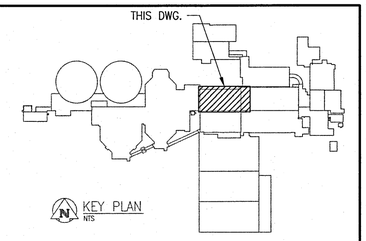
A1 SIZE – 594mm x 841mm

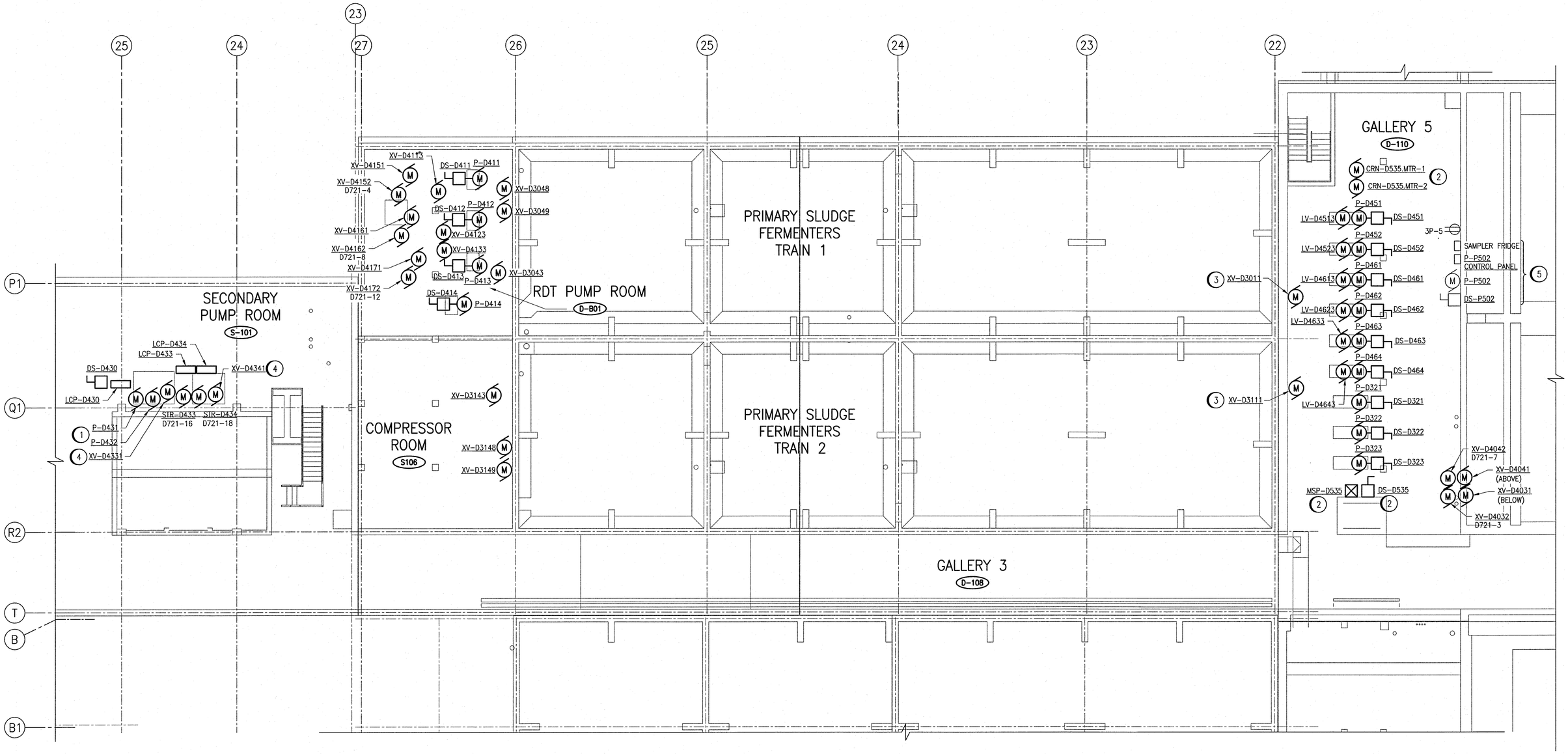
SPECIFIC NOTES:

1. WIRE AND CONNECT BOOSTER PUMPS P–D431 AND P–D432 FROM PANEL LCP–D430. REFER TO SINGLE LINE DRAWING ESLD–D001.
2. WIRE AND CONNECT MONORAIL LIFTING UNIT POWER CONTROLS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. COORDINATE REQUIREMENTS WITH EQUIPMENT MANUFACTURER.
3. VALVES XV–D3011 AND XV–D3111 ARE LOCATED NEAR THE CEILING OF GALLERY 5 (RM D–110). REFER TO PROCESS DRAWING PGAD–D006.
4. WIRE AND CONNECT 120VAC VALVES XV–D4331 AND XV–D4341 FROM STRAINER CONTROL PANELS FOR STR–D433 AND STR–D433 RESPECTIVELY.
5. RELOCATE PRIMARY EFFLUENT SAMPLE PUMP P–P502 ALONG WITH ASSOCIATED DISCONNECT SWITCH, CONTROL PANEL AND FRIDGE TO EAST WALL OF GALLERY 5 (ROOM D–110) AS SHOWN. EXTEND EXISTING CABLE/CONDUIT AND REWIRE CONTROL PANEL CONNECTIONS AS REQUIRED. PLUG FRIDGE INTO EXISTING ADJACENT RECEPTACLE.

GENERAL NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT SIZE OF ALL ELECTRICAL EQUIPMENT WITH THE VENDOR SHOP DRAWINGS.
2. ALL WIRING ASSOCIATED WITH RECEPTACLES SHALL BE RUN IN CONDUIT.
3. THERE ARE STRUCTURAL EXPANSION JOINTS IN THE FACILITY (NOT SHOWN ON ELECTRICAL). PROVIDE EXPANSION COUPLINGS AND FITTINGS FOR ALL CONDUIT CROSSING THE JOINTS. DO NOT LOCATE RIGID DEVICES ACROSS OR ON TOP OF THE EXPANSION JOINTS.
4. EQUIPMENT WITH NO CIRCUIT NUMBERS SHOWN ARE TO BE FED FROM THE 600 VAC MCC. REFER TO SINGLE LINE DRAWINGS FOR DETAILS. TYPICAL.
5. ALL CONDUIT SHALL BE RIGID, THREADED ALUMINUM CONDUIT.
6. PROVIDE UNISTRUT SUPPORT FROM THE FLOOR TO THE CEILING TO SUPPORT VERTICAL CABLE RUNS FROM CABLE TRAY TO MOTOR J.B. TYPICAL FOR ALL CABLE RUNS TO MOTORS THAT ARE NOT LOCATED ADJACENT TO A WALL.





LOWER LEVEL PLAN

1 : 100

REFERENCE DRAWINGS	DESCRIPTION
1–0102–EAAA–A001	ELECTRICAL, LEGEND AND DETAILS

1:100 1000 0 2000 4000

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: 1:100	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/06/08	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 – POWER LAYOUT
FERMENTERS/THICKENERS
LOWER LEVEL PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0102–EGAD–D003	001	00	A1

LAST SAVE: 2017/03/24 – 2:21pm
PATH: C:\Users\persmi2\DWG\1–0102–EGAD–D003.dwg

PLOT DATE: Mar 24, 2017 – 2:21pm

FILE NAME:1–0102–EGAD–D003.dwg