A1 SIZE – 594mm x 841mm

GENERAL NOTES:

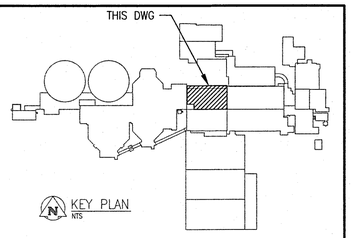
1. REFER TO DRAWING EGRD–A004–001/002 FOR LIGHTNING PROTECTION DETAILS.
2. REFER TO DRAWING EGRD–D003–001 FOR GENERAL NOTES.

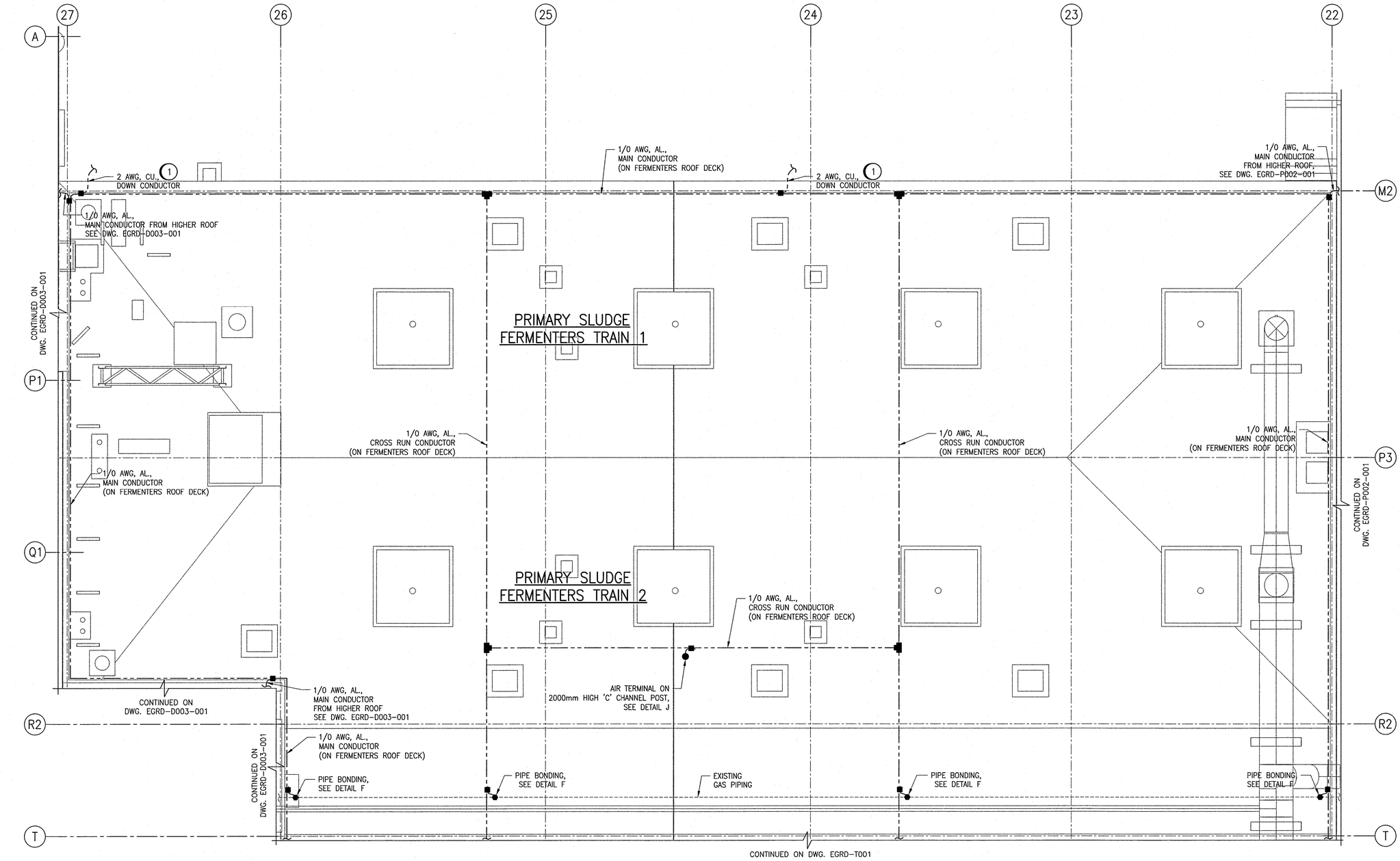
LEGEND:

– – – –	MAIN / CROSS RUN CONDUCTOR
●	AIR TERMINAL
■	PARALLEL CABLE CONNECTION
●	BONDING CONNECTION
■	TEE CONNECTION
CU	COPPER
AL	ALUMINUM

SPECIFIC NOTES:

(1) PROVIDE DOWN CONDUCTORS RUN IN RIGID PVC CONDUIT FROM AIR TERMINALS AND MAIN CONDUCTORS ON THE ROOF TO THE PERIMETER GROUNDING SYSTEM. REFER TO DWGS. EGRD–D002 FOR CONTINUATION.





ROOF PLAN

1 : 75

1:75 750 0 1500 3000

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

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

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: S. JUGANAS	CHECKED BY: E. RYCZKOWSKI
DRAWN BY: S. JUGANAS	APPROVED BY: D. BECKER
SCALE: 1:75	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2016/08/23	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 – LIGHTNING PROTECTION LAYOUT
FERMENTERS/THICKENERS
ROOF PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0102–EGRD–D003	002	00	A1

REFERENCE DRAWINGS	DESCRIPTION
1–0102–EGRD–A004	LIGHTNING PROTECTION DETAILS

LAST SAVE: 2017/03/24 – 2:22pm
PATH: C:\Users\persm2\DWG\1–0102–EGRD–D003–002.dwg

PLOT DATE: Mar 24, 2017 – 2:22pm

FILE NAME: 1–0102–EGRD–D003–002.dwg