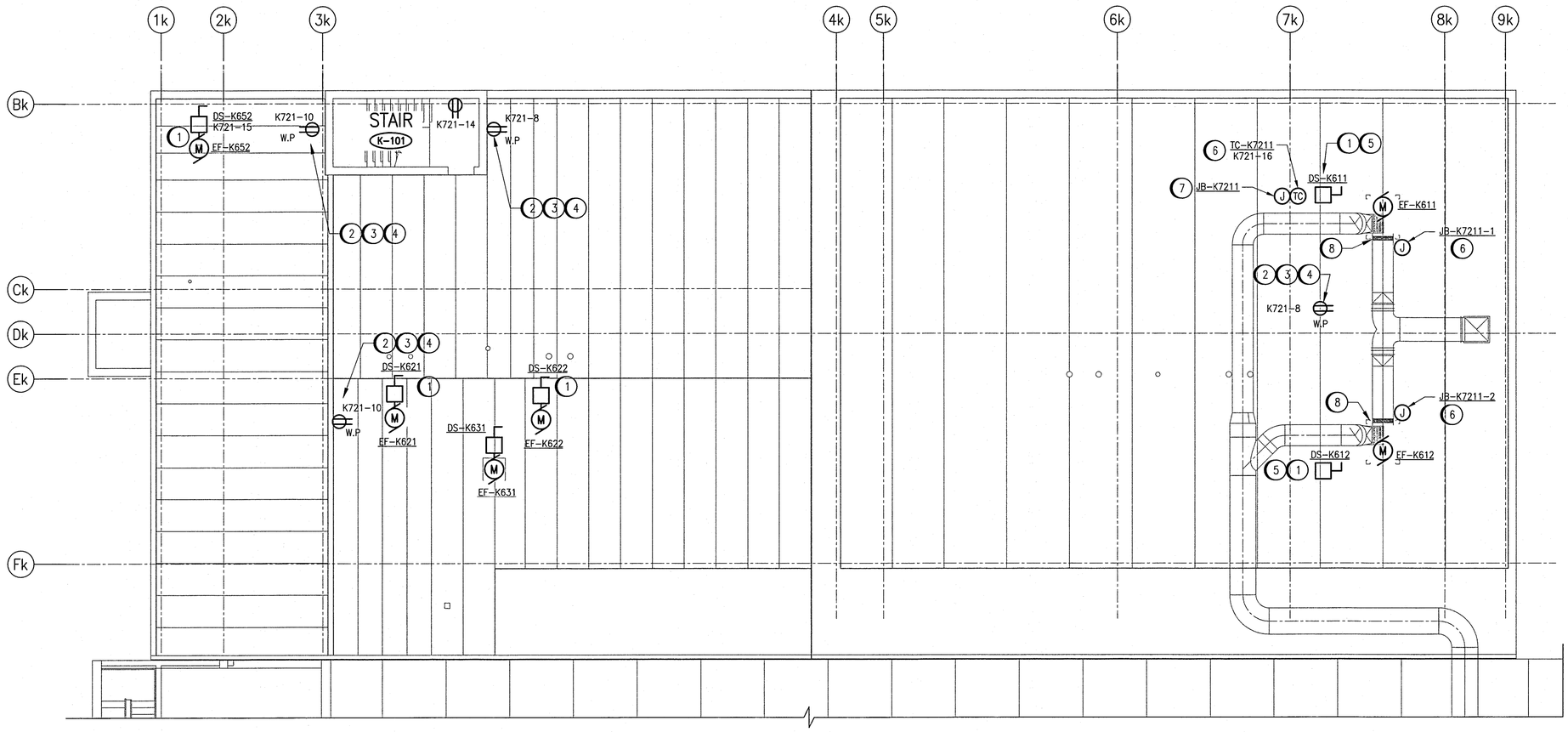
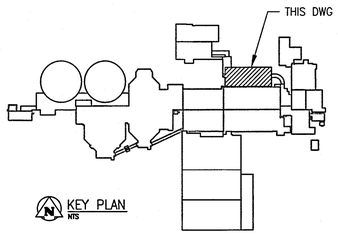
A1 SIZE – 594mm x 841mm



ROOF PLAN (EL. 241.661)

1 : 100



GENERAL NOTES:

1. REFER TO DRAWING 1–0102–EGAD–K001 FOR POWER LAYOUT LEGEND NOTES.

SPECIFIC NOTES:

1. DISCONNECTING SWITCH FOR ALL EXHAUST FANS ON ROOF SHALL BE LOCATED WITHIN 3m OF THE EQUIPMENT.
2. INSTALL RECEPTACLES A MINIMUM OF 750mm ABOVE THE ROOF TO ACCOMMODATE SNOW ACCUMULATION AS PER WINNIPEG ELECTRICAL BYLAWS (WEB) RULE 26–704. PROVIDE STRUCTURAL SUPPORT IN ORDER TO MOUNT RECEPTACLES ACCORDINGLY.
3. RECEPTACLES ON ROOFTOP SHALL BE 5–20R CSA CONFIGURATION AND PROTECTED BY A CLASS A TYPE GFCI BREAKER.
4. RECEPTACLES TO BE LOCATED WITHIN 7500mm OF ELECTRICAL EQUIPMENT.
5. INSTALL DISCONNECT SWITCH FROM EF–K611 AND EF–K612 OUTSIDE HAZARDOUS AREA, REFER TO DRAWING EHLC–K003 FOR HAZARDOUS AREA AROUND EXHAUST FANS.
6. PROVIDE ELECTRIC HEAT TRACING FOR EXHAUST FAN DRAIN PIPING. REFER TO DRAWING EWDG–K002 FOR WIRING DIAGRAM, HEAT TRACE EQUIPMENT PART NUMBERS, AND GENERAL NOTES.
7. PROVIDE NEMA 4X, STAINLESS STEEL JUNCTION BOX C/W TERMINAL BLOCKS, ADJACENT TO TEMPERATURE CONTROLLER TC–K7211.
8. REFER TO MECHANICAL DRAWING 1–0102–MGAD–K603 FOR EXHAUST FAN DRAIN PIPING LAYOUT.

LAST SAVE: 2017/03/24 – 9:41am
PATH: C:\DWG\1-0102-EGAD-K004.dwg

REFERENCE DRAWINGS	DESCRIPTION
1–0102–EGAD–K001	POWER LAYOUT, HIGH RATE CLARIFICATION, ELECTRICAL ROOM
1–0102–EHLC–K003	HAZARDOUS LOCATION, HIGH RATE CLARIFICATION, ROOF
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

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: 2015/02/11	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
HIGH RATE CLARIFICATION BUILDING
ROOF PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0102–EGAD–K004	001	00	A1

PLOT DATE: Mar 24, 2017 – 9:41am
FILE NAME: 1–0102–EGAD–K004.dwg