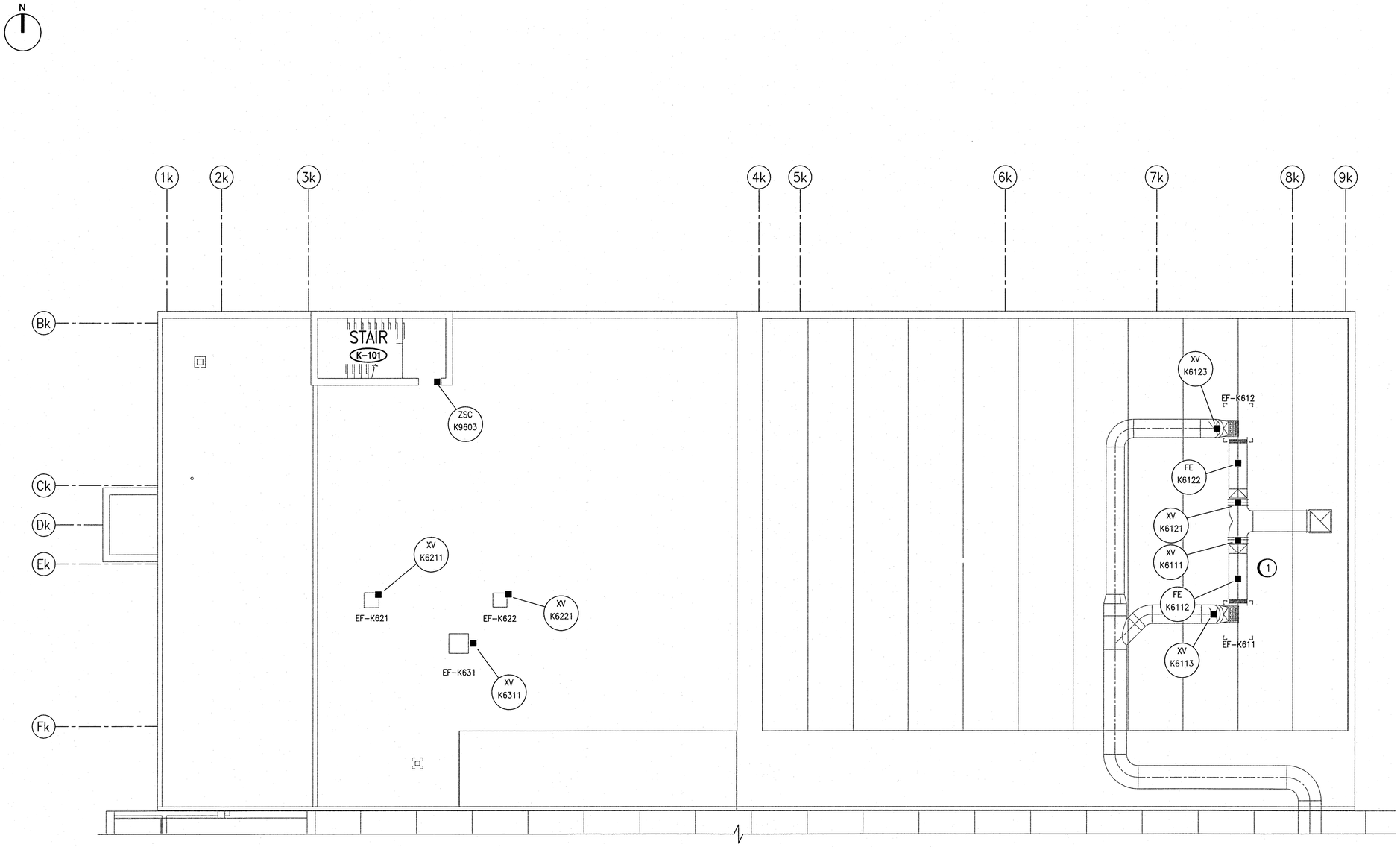
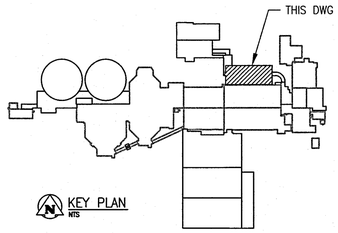
A1 SIZE – 594mm x 841mm



ROOF PLAN (EL. 241.661)

1 : 100



GENERAL NOTES:

1. MANY COMPONENTS WITHIN THE HRC FACILITY ARE PROVIDED BY THE HRC SYSTEM VENDOR VIA A SEPARATE BID OPPORTUNITY WITH THE CITY. INSTALL COMPONENTS AND PROVIDE ALL WIRING/CABLING AS PER THE DESIGN DRAWINGS AND VENDOR SHOP DRAWINGS. COORDINATE WITH VENDOR AS REQUIRED TO INCLUDE ALL COSTS AT TIME OF TENDER.
2. THE CONCRETE FOR THE HRC FACILITY HAS BEEN COMPLETED UNDER CONTRACT 2. CORE DRILL THROUGH WALLS AND FLOORS FOR PENETRATIONS AS REQUIRED.
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. ALL CONDUIT SHALL BE RIGID, THREADED ALUMINUM CONDUIT, EXCEPT FOR CONDUIT RUNS WITHIN THE ELECTRICAL ROOM, WHICH CAN BE EMT. THE ELECTRICAL ROOM IS NON–HAZARDOUS.
5. NOT ALL JUNCTION BOXES ARE SHOWN. REFER TO OTHER DESIGN DOCUMENTS FOR JUNCTION BOXES TO BE PROVIDED. PROVIDE ALL JUNCTION BOXES SHOWN IN THE DESIGN DOCUMENTS AND OTHERS AS NEEDED FOR WIRING CONNECTIONS IN THE FIELD.

SPECIFIC NOTES

(1) THE AREA SURROUNDING EXHAUST FANS EF–K611 AND EF–K612 IS A HAZARDOUS CLASS 1, ZONE 2, GROUP IIA AREA. INSTALLATION OF EQUIPMENT SHALL BE SUITABLE FOR THIS AREA CLASSIFICATION.

REFERENCE DRAWINGS	DESCRIPTION

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	MW	TMC

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: M. WANG	CHECKED BY: T. CHURCH
DRAWN BY: S. BOGHOSIAN	APPROVED BY: E. RYCZKOWSKI
SCALE: 1:100	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2015/07/08	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
T. M. CHURCH
Member 32682
REGISTERED PROFESSIONAL ENGINEER
Apr. 3, 2017

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
AUTOMATION – INSTRUMENT LOCATION PLAN
HIGH RATE CLARIFICATION BUILDING
ROOF PLAN

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

PLOT DATE: Apr 01, 2017 – 2:10pm
FILE NAME: 1–0102–AGAD–K004.dwg

LAST SAVE: 2017/04/01 – 2:10pm
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356391\1–0102–AGAD–K004.dwg