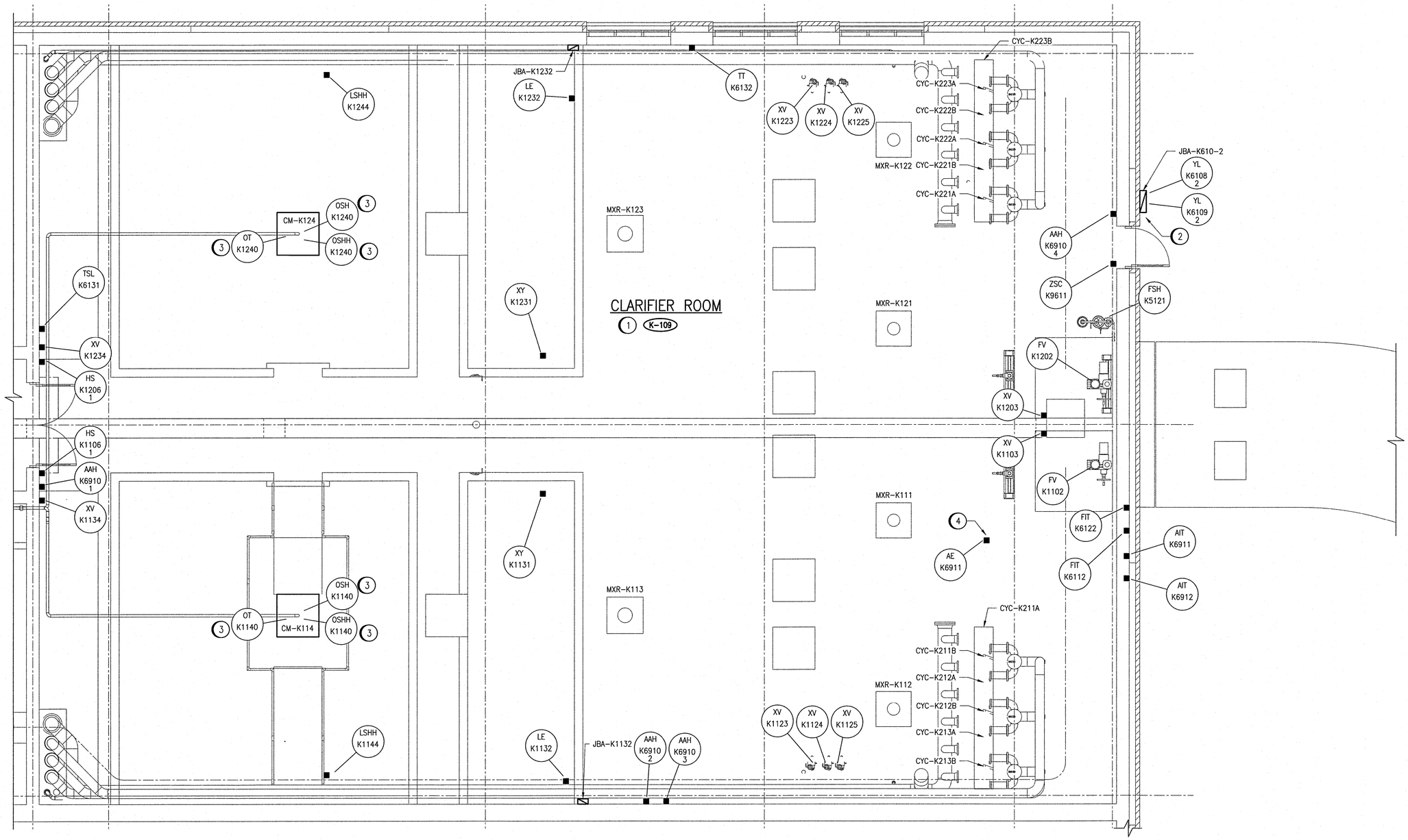
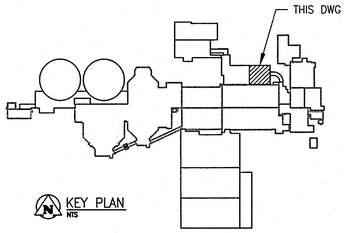
A1 SIZE – 594mm x 841mm





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. CLARIFIER ROOM IS A HAZARDOUS CLASS I, ZONE 2, GROUP IIA AREA. INSTALLATION OF EQUIPMENT SHALL BE SUITABLE FOR THIS AREA CLASSIFICATION.
2. PROVIDE WEATHER PROOF SEAL FOR CONDUIT ENTRY INTO JUNCTION BOX.
3. DEVICE IS PART OF CLARIFIER MECHANISM. SEE VENDOR SHOP DRAWINGS FOR EXACT LOCATION.
4. LOCATE SENSOR ON SIDE OF BEAM 100mm FROM BOTTOM OF BEAM.

PLAN VIEW AT EL. 236.345

1 : 50

1:50 500 0 1000 2000

REFERENCE DRAWINGS	DESCRIPTION

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: MJ. PERSSON	APPROVED BY: E. RYCZKOWSKI
SCALE: 1:50	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2015/01/22	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL: PROVINCE OF MANITOBA, T.M. CHURCH, Member 32682, REGISTERED PROFESSIONAL ENGINEER, Apr. 5, 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
GROUND FLOOR EAST PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-AGAD-K003	001	00	A1

LAST SAVE: 2017/04/01 – 2:10pm
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356391\1-0102-AGAD-K003.dwg

PLOT DATE: Apr 01, 2017 – 2:10pm

FILE NAME: 1-0102-AGAD-K003.dwg