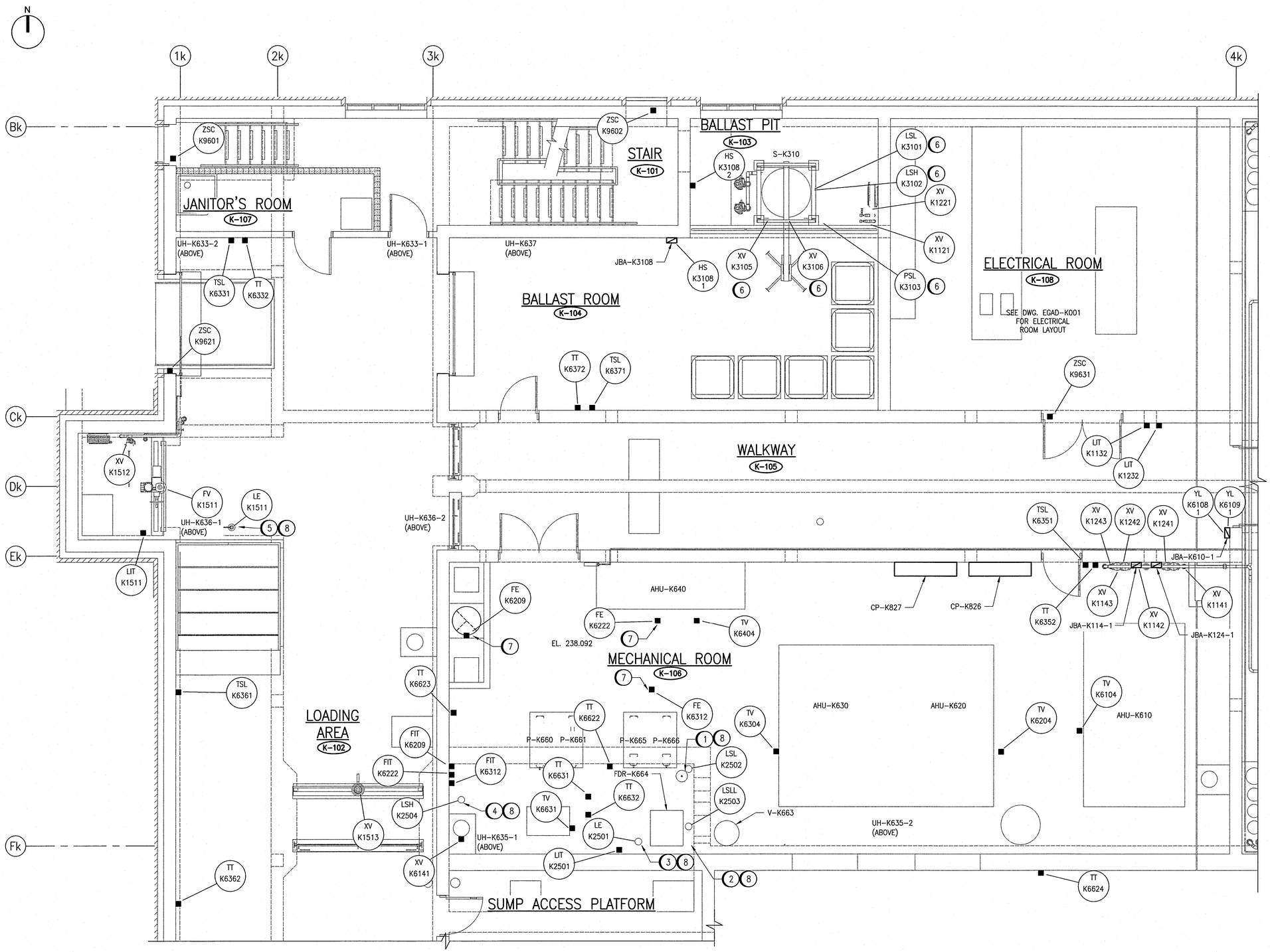
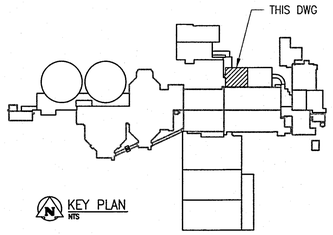
A1 SIZE – 594mm x 841mm



PLAN VIEW AT EL. 236.345

1 : 50



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.
6. ALL EQUIPMENT SHOWN ON THIS DRAWING IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR (UNLESS SPECIFICALLY IDENTIFIED AS PREVIOUSLY COMPLETED). PREVIOUSLY ISSUED DRAWINGS FOR CONSTRUCTION WERE FOR GENERAL INFORMATION TO COORDINATE ELECTRICAL PENETRATIONS FOR CONCRETE WORK.

SPECIFIC NOTES:

1. CENTERLINE OF PIPE LOCATED 75mm FROM BOTH EDGES OF WALLS BELOW. SEE DETAIL A ON ADTL-K001.
2. CENTERLINE OF PIPE LOCATED 75mm FROM EDGE OF WALL BELOW AND TO AVOID PIPE ENTRY POINTS INTO TANK. SEE DETAIL A ON ADTL-K001.
3. CENTERLINE OF PIPE LOCATED 300mm FROM POINT WHERE BOTTOM OF PIT STARTS SLOPING AND CENTRED BETWEEN THE TWO SLUDGE PUMP INTAKE LINES BELOW. SEE DETAIL B ON ADTL-K001.
4. CENTERLINE LOCATED 300mm FROM EDGE OF WALL. SEE DETAIL A ON ADTL-K001.
5. CENTERLINE OF PIPE LOCATED 300mm FROM EDGE OF WALL. SEE DETAIL B ON ADTL-K001.
6. DEVICE IS PART OF BALLAST SKID. SEE VENDOR SHOP DRAWINGS FOR EXACT LOCATION.
7. MOUNT SENSOR TO SIDE OF DUCT.
8. EMBEDDED PIPE MOUNT INSTALLED AS PART OF CONTRACT 2. PROVIDE INSTRUMENT MOUNTING FLANGE AND ASSOCIATED COMPONENTS AS REQUIRED.

REFERENCE DRAWINGS	DESCRIPTION

1:50 500 0 1000 2000

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

NO.	REVISIONS	DATE	DESIGN	CHECK
02	ISSUED FOR CONSTRUCTION – 976-2016	2017/04/05	EFB	TMC
01	ISSUED FOR CONSTRUCTION	10/2015	EFB	TMC
00	ISSUED FOR ADDENDUM NO. 2	02/2015	EFB	TMC

CH2MHILL. SNC·LAVALIN KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: E. BOHNCKE	CHECKED BY: T. CHURCH
DRAWN BY: MJ. PERSSON	APPROVED BY: T. CHURCH
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
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 WEST PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102-AGAD-K002	001	02	A1

LAST SAVE: 2017/04/01 – 2:11pm
PATH: C:\pw_workdir\ch2mhill_wbg\sh043264\d0356391\1-0102-AGAD-K002.dwg

PLOT DATE: Apr 01, 2017 – 2:11pm

FILE NAME: 1-0102-AGAD-K002.dwg