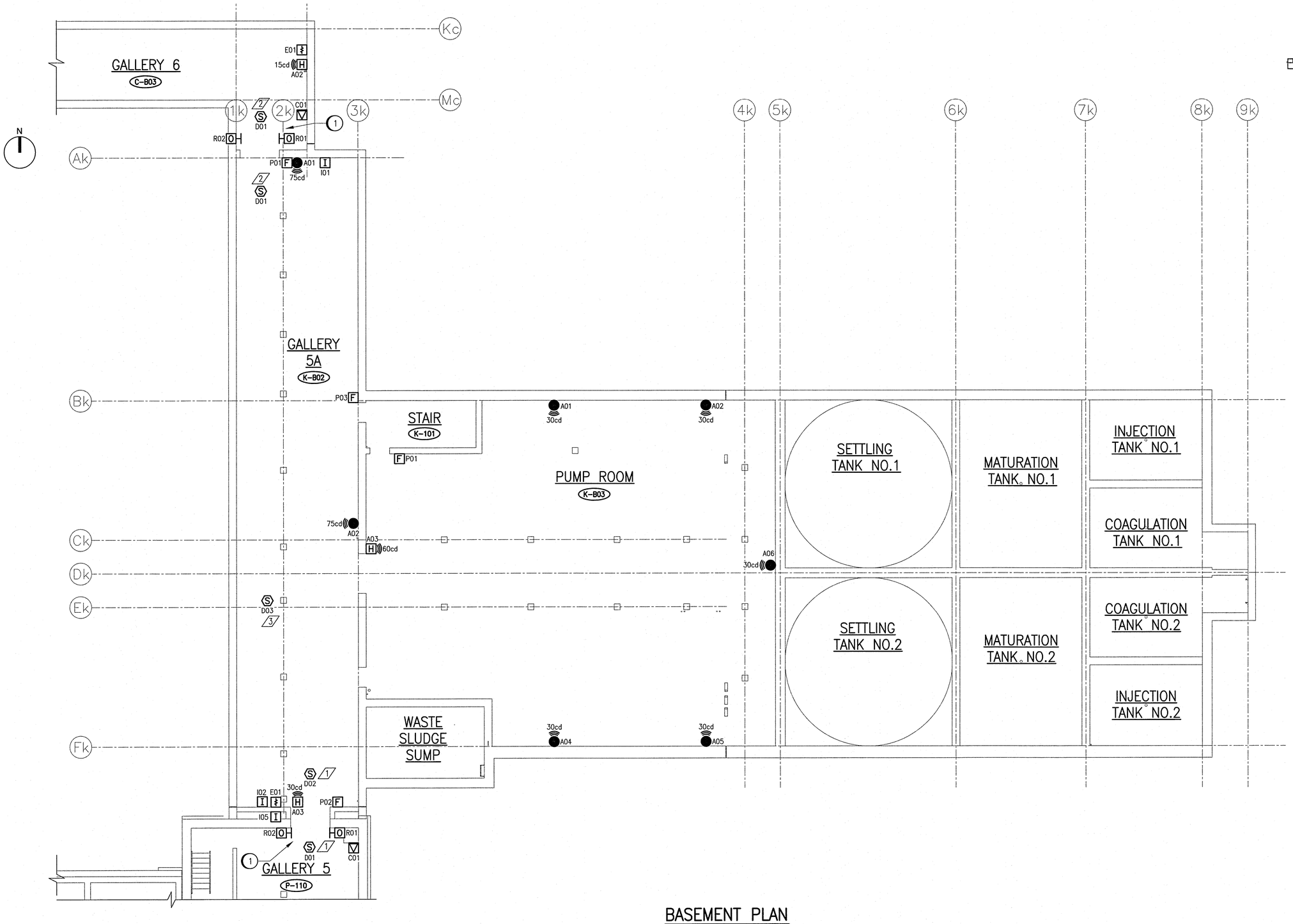
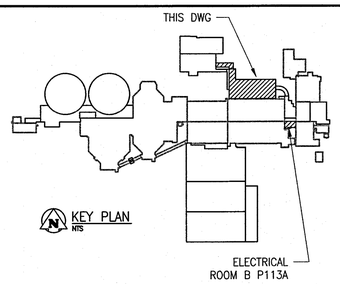
A1 SIZE – 594mm x 841mm





GENERAL NOTES:

1. ALL DEVICES SHOWN ARE NEW UNLESS SPECIFICALLY NOTED OTHERWISE.
2. ALL WIRING ASSOCIATED WITH FIRE ALARM EQUIPMENT SHALL BE RUN IN CONDUIT.
3. PROVIDE EXPANSION COUPLINGS AND FITTINGS FOR ALL CONDUIT CROSSING EXPANSION JOINTS.
4. UNLESS OTHERWISE STATED, EXISTING FIRE ALARM DEVICES IN OTHER AREAS OF THE EXISTING FACILITIES ARE TO REMAIN AND ARE NOT SHOWN.
5. 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, NON–CORROSIVE.
6. UTILIZE A MINIMUM OF #12 AWG WIRE SIZE FOR NOTIFICATION APPLIANCE CIRCUITS (NAC).
7. DEVICE TAGS ARE SHOWN IN SHORTHAND NOTATION. FULL DEVICE TAG FORMAT IS FAS–G–xxx–yyy, WHERE xxx IS THE ROOM NUMBER, AND yyy IS THE DEVICE IDENTIFIER.
8. ALL REQUIRED HAZARDOUS CONDUIT SEALS ARE NOT SHOWN. INSTALL AS PER CEC REQUIREMENTS.
9. ALL WIRE CONNECTION SHALL BE MADE VIA TERMINAL BLOCKS (MARRETTES NOT ALLOWED).

SPECIFIC NOTES:

(1) PROVIDE 120 VAC POWER FOR MAGNETIC DOOR HOLDERS. REFER TO DRAWING EGAD–K002 FOR 120 VAC PANEL AND CIRCUIT NUMBER.

BASEMENT PLAN

1 : 100

DESIGN INTENT NOTES	
1	FAS–K–B02–D02 AND FAS–P–110–D01 ARE INTENDED TO ACTIVATE DOOR RELEASE FAS–P–110–R01 AND FAS–P–110–R02 IN THE EVENT OF A FIRE.
2	FAS–C–B01–D01 AND FAS–K–B02–D01 ARE INTENDED TO ACTIVATE DOOR RELEASE FAS–C–B01–R01 AND FAS–C–B01–R02 IN THE EVENT OF A FIRE.
3	FAS–K–102–D01 (SMOKE DETECTOR ABOVE IN LOADING GALLERY) AND FAS–K–B02–D03 ARE INTENDED TO CLOSE FIRE SHUTTER U–K524 (LOCATED IN LOADING GALLERY) IN THE EVENT OF A FIRE.

1:100 — 1000 0 2000 4000

REFERENCE DRAWINGS	DESCRIPTION
1–0102–EHLC–K001	HAZARDOUS LOCATION, HIGH RATE CLARIFICATION BUILDING, BASEMENT FLOOR PLAN
1–0102–EFAS–A001	FIRE ALARM UPGRADES, LEGEND AND DETAILS

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

CH2MHILL. SNC·LAVALIN KGS GROUP

DESIGNED BY: E. BOHNCKE	CHECKED BY: E. RYCZKOWSKI
DRAWN BY: M. WANG	APPROVED BY: D. BECKER
SCALE: 1:100	ISSUED FOR CONSTRUCTION BY: J. SHUMKA
DATE: 2015/01/22	DATE: 2017/04/05
CONSULTANT NO.: 474248	

ENGINEER'S SEAL: PROVINCE OF MANITOBA — D.E. BECKER — Member 23646 — REGISTERED PROFESSIONAL ENGINEER — Apr.15/2017

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPCC UPGRADING/EXPANSION PROJECT
ELECTRICAL – FIRE ALARM LAYOUT
HIGH RATE CLARIFICATION BUILDING
BASEMENT FLOOR PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0102–EFAS–K001	001	00	A1

PLOT DATE: Mar 31, 2017 – 9:46am

FILE NAME:1–0102–EFAS–K001.dwg

LAST SAVE: 2017/03/31 – 9:46am
PATH: C:\pw_workdir\ch2mhill_wbg\ve006717\d0356262\1–0102–EFAS–K001.dwg