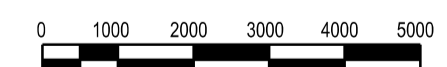
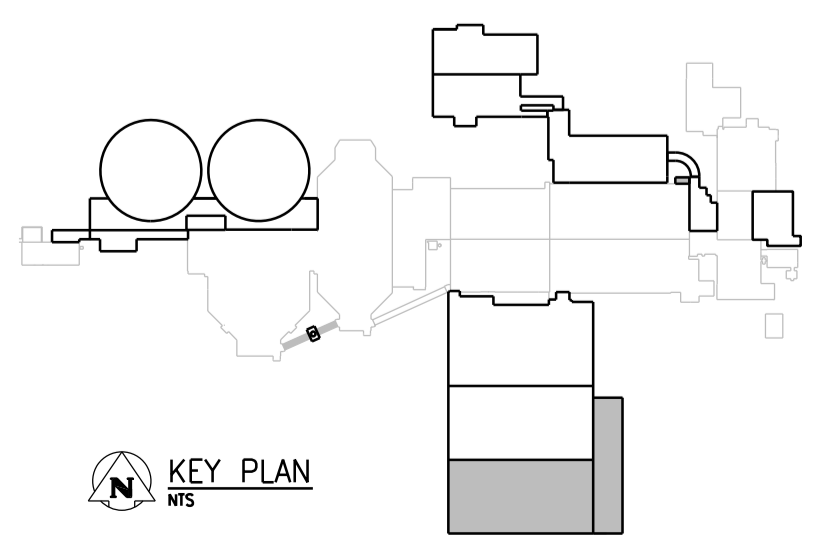


LOWER LEVEL PLAN - PART C
1:100



NOTES:

1. COARSE BUBBLE AERATION REMOVABLE MANIFOLD ASSEMBLIES TYPICAL (REFER TO VENDOR DRAWINGS FOR PLACEMENT LOCATION AND DETAILS).
2. AEROBIC IFAS ZONE AERATION SYSTEM (REFER TO VENDOR DRAWINGS FOR PLACEMENT LOCATION AND DETAILS).
3. POST AEROBIC ZONE AERATION ASSEMBLIES SYSTEM (REFER TO VENDOR DRAWINGS FOR PLACEMENT LOCATION AND DETAILS).
4. SAMPLING AT ELEVATION 229M FIELD ROUTE 25-PVC PIPING TO SAMPLING SINK. AVOID HIGH POINTS IN ROUTING TO PREVENT AIR LOCKS.



APEGM
Certificate of Authorization
CH2M HILL Canada Ltd.
No. 1441

NO.	REVISIONS	DATE	DESIGN	CHECK
05	ISSUED FOR ADDENDUM 2 - 976-2016	2017/06/09	B.C.	J.C.
04	ISSUED FOR CONSTRUCTION - 976-2016	2017/04/05	B.C.	J.C.
03	ISSUED FOR CONSTR - B.O. 899-2015	04/2016	B.C.	J.C.
02	ISSUED FOR ADD. 4 - B.O. 899-2015	03/2016	B.C.	J.C.
01	ISSUED FOR ADD. 2 - B.O. 899-2015	02/2016	B.C.	J.C.
00	ISSUED FOR TENDER - B.O. 899-2015	01/2016	B.C.	J.C.

CH2MHILL
SNC-LAVALIN
DESIGNED BY: F. ABSI
CHECKED BY: B. EDGAR
DRAWN BY: B. COOPER
APPROVED BY: H.T. FREIHAMMER
SCALE: 1:100
DATE: 2017/04/05
ISSUED FOR CONSTRUCTION
BY: J. SHUMKA
DATE: 2017/04/05
CONSULTANT NO.: 474248

ENGINEER'S SEAL
2018.09.2017
PROVINCE OF MANITOBA
F. J. ABSI
Member
36875
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPPCC UPGRADING/EXPANSION PROJECT
PROCESS
BIOREACTOR 3
LOWER LEVEL PLAN - PART C
CITY DRAWING NUMBER: 1-0102-PGAD-R004
SHEET: 001
REV: 05
SIZE: A1