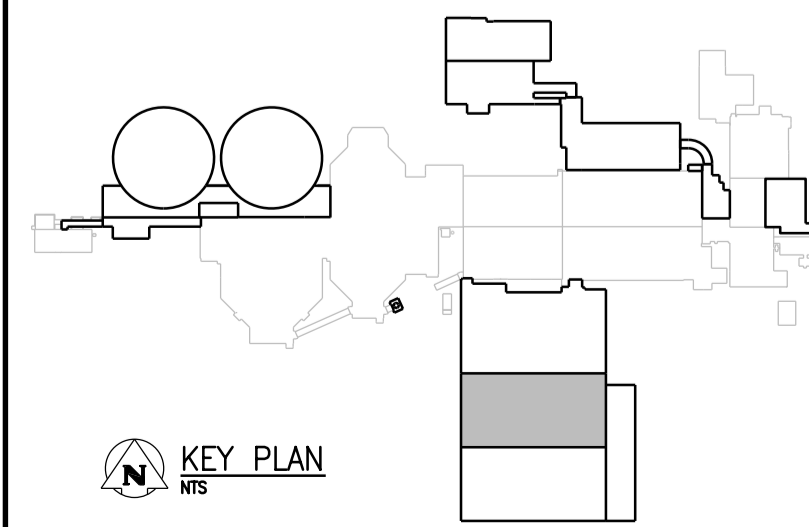
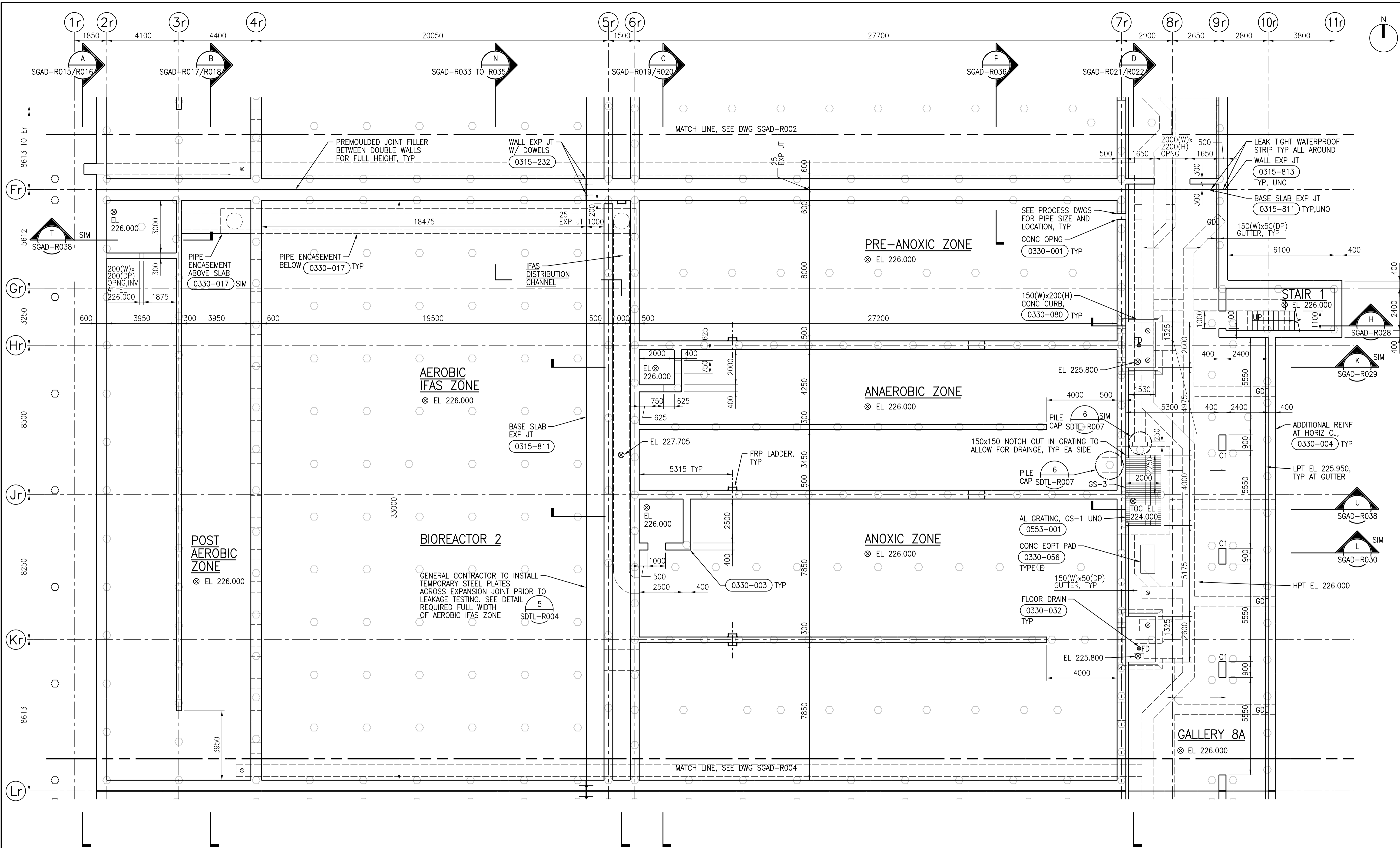


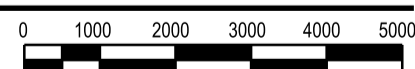
A1 SIZE - 594mm x 841mm



- NOTES:**
- REFER TO DRAWING 1-0102-SGAD-A001 FOR GENERAL STRUCTURAL NOTES.
  - PROVIDE 200mm THICK VOID FORMS BETWEEN SOIL AND CONCRETE SLAB.
  - FIELD VERIFY ELEVATION AND LOCATION OF EXISTING PILES AND PILE CAPS. NOTIFY CONTRACT ADMINISTRATOR OF DISCREPANCIES.
  - DESIGN LIVE LOAD FOR GALLERY 8A IS 15kPa.
  - DESIGN LIVE LOAD FOR STAIR 1 IS 4.8kPa.
  - A MINIMUM LEVEL OF COMPACTED BACKFILL AT WEST AND EAST ENDS OF BIOREACTOR TANKS IS REQUIRED FOR OPERATION. TANKS MUST BE EMPTIED PRIOR TO EXCAVATING ELOW THIS ELEVATION, SEE DRAWING SEE DETAIL 4 FOR PILE EMBEDMENT DETAIL.

**LOWER LEVEL PLAN**

1:100



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

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER - B.O. 899-2015	01/2016	C.R.	J.C.

**CH2MHILL**

SNC-LAVALIN

DESIGNED BY: J. THANNICKAL  
CHECKED BY: E. LUI

DRAWN BY: C. RYNARD  
APPROVED BY: H.T. FREIHAMMER

SCALE: 1:100  
ISSUED FOR CONSTRUCTION

DATE: 2016/01/29  
BY: T. TURZAK  
DATE: 2016/01/29

CONSULTANT NO.: 474248

ENGINEER'S SEAL

31/01/2016

PROVINCE OF MANITOBA

S.I.E. LUI  
Member  
37003

REGISTERED PROFESSIONAL ENGINEER

**THE CITY OF WINNIPEG**  
Winnipeg  
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE  
SEWPPC UPGRADING/EXPANSION PROJECT  
STRUCTURAL  
BIOREACTOR 2  
LOWER LEVEL PLAN

CITY DRAWING NUMBER: 1-0102-SGAD-R003  
SHEET: 001  
REV: 00  
SIZE: A1