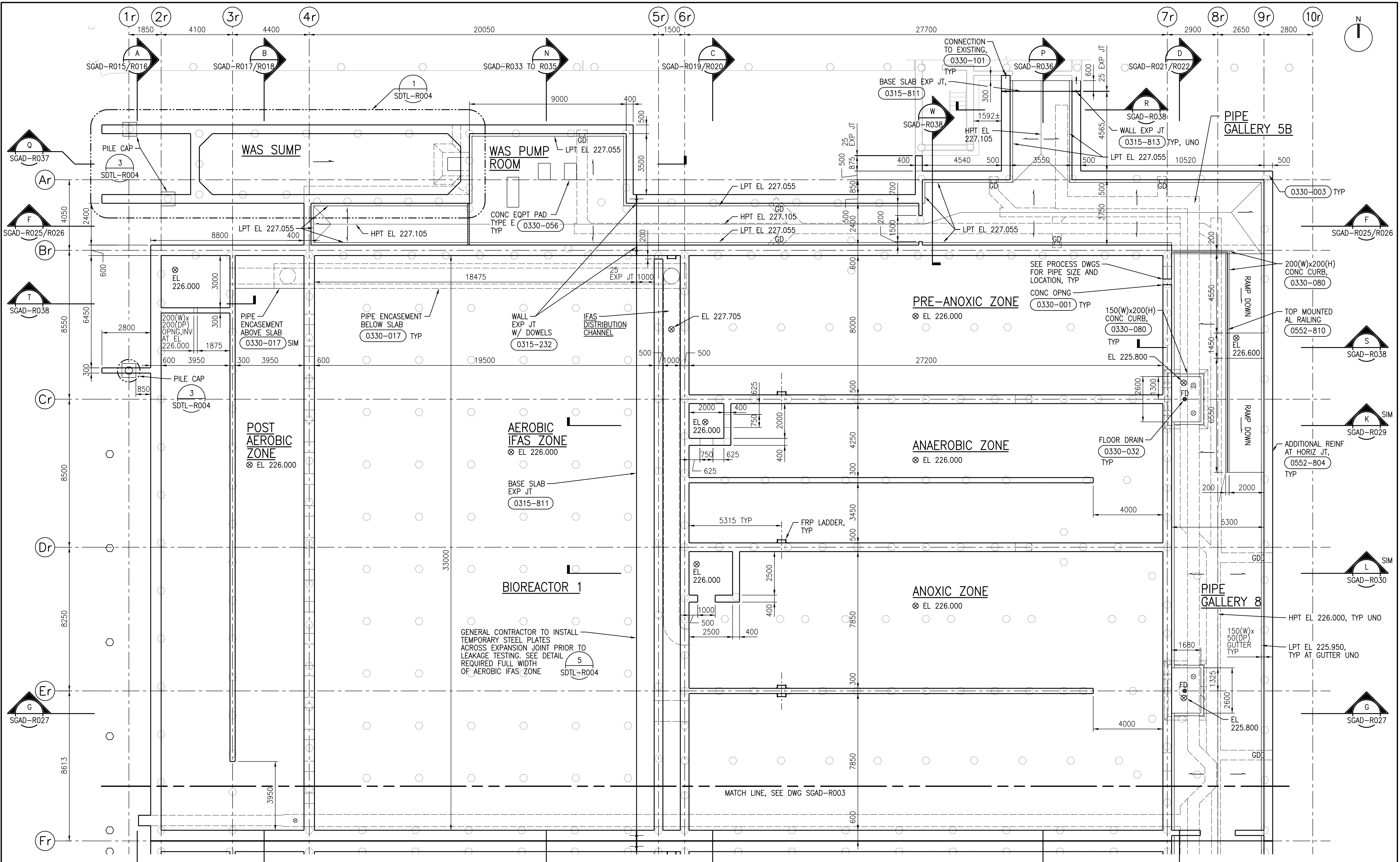


A1 SIZE - 594mm x 841mm

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NOTES:

- REFER TO DRAWING 1-0102-SGAD-A001 FOR GENERAL STRUCTURAL NOTES.
- PROVIDE 200mm THICK VOID FORMS BETWEEN SOIL AND CONCRETE SLAB.
- ELEVATIONS OF NEW FLOOR OF GALLERY 5B TO MATCH ELEVATION OF EXISTING GALLERY. FIELD VERIFY ELEVATION. NOTIFY CONTRACT ADMINISTRATOR OF DISCREPANCIES.
- FIELD VERIFY ELEVATION AND LOCATION OF EXISTING PILES AND PILE CAPS. NOTIFY CONTRACT ADMINISTRATOR OF DISCREPANCIES.
- DESIGN LIVE LOAD FOR WAS PUMP ROOM, GALLERY 5B AND GALLERY 8 IS 15kPa.
- 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 BELOW THIS ELEVATION, SEE DRAWING 4 FOR PILE EMBEDMENT DETAIL.
- SEE DETAIL 5 FOR LEAKAGE TESTING. SEE DETAIL 5 FOR REQUIRED FULL WIDTH OF AEROBIC IFAS ZONE.

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
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
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPPC UPGRADING/EXPANSION PROJECT

STRUCTURAL
BIOREACTOR 1
LOWER LEVEL PLAN

CITY DRAWING NUMBER: 1-0102-SGAD-R002
SHEET: 001
REV: 00
SIZE: A1



PLOT DATE: 1/28/2016

FILE NAME: