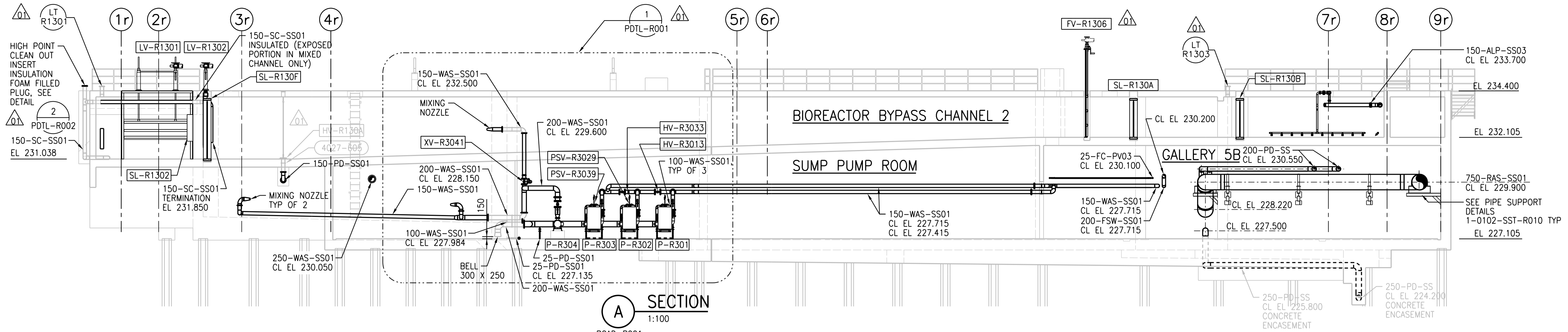
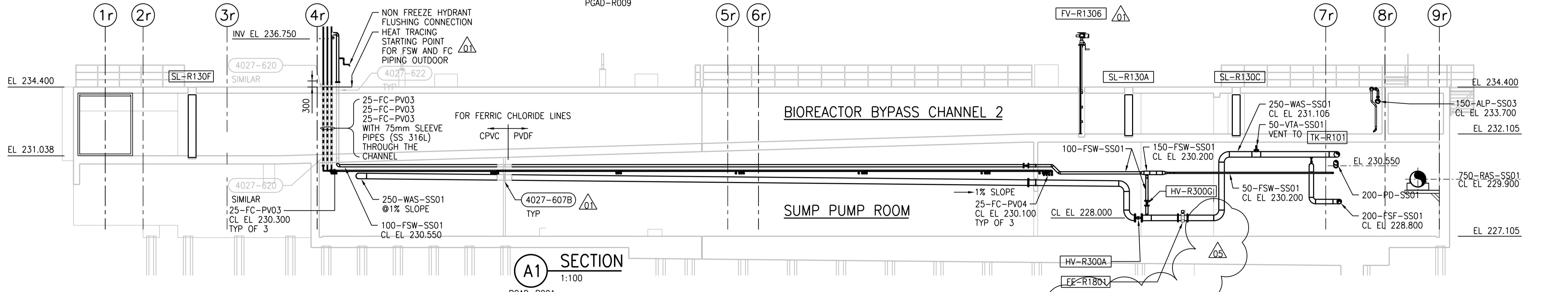


A1 SIZE - 594mm x 841mm

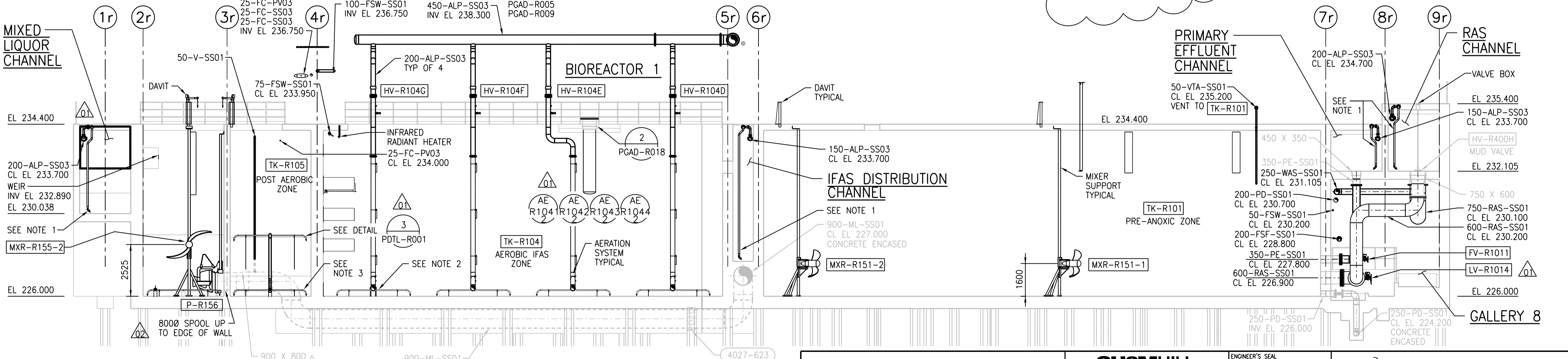
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**A SECTION**  
1:100  
PGAD-R001  
PGAD-R005  
PGAD-R009



**A1 SECTION**  
1:100  
PGAD-R001  
PGAD-R005  
PGAD-R009



**B SECTION**  
1:100  
PGAD-R001  
PGAD-R005  
PGAD-R009

- 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).



NO.	REVISIONS	DATE	DESIGN	CHECK
05	ISSUED FOR ADDENDUM 4 - 976-2016	2017/06/30	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  
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  
SEWPC UPGRADING/EXPANSION PROJECT  
PROCESS  
BIOREACTORS/BLOWER BUILDING  
SECTIONS A, A1 AND B  
CITY DRAWING NUMBER: 1-0102-PGAD-R014  
SHEET: 001  
REV: 05  
SIZE: A1