



ROOF PLAN - PART B
1:100

- NOTES:**
1. COARSE BUBBLE AERATION REMOVABLE MANIFOLD ASSEMBLIES TYPICAL (REFER TO VENDOR DRAWINGS FOR PLACEMENT LOCATION AND DETAILS).
 2. FIELD ROUTE IAS PIPING CONTINUATION TO INSTRUMENT AIR PANELS THROUGHOUT THE BIOREACTORS FACILITY. TYPICAL FOR ALL PANELS.
 3. FOR PIPE SUPPORTS, REFER TO DWG 1-0102-PGAD-R009, NOTE 1.

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

NO.	REVISIONS	DATE	DESIGN	CHECK
03	ISSUED FOR ADDENDUM 3 - 976-2016	2017/06/21	B.C.	J.C.
02	ISSUED FOR CONSTRUCTION - 976-2016	2017/04/05	B.C.	J.C.
01	ISSUED FOR CONSTR - B.O. 899-2015	04/2016	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
DATE: 2017/04/05

CONSULTANT NO.: 474248

ENGINEER'S SEAL

21 JUNE 2017

PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
F. J. ABSI
Member 38875

THE CITY OF WINNIPEG
Winnipeg WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
SEWPPC UPGRADING/EXPANSION PROJECT
PROCESS
BIOREACTOR 2
ROOF PLAN - PART B

CITY DRAWING NUMBER: 1-0102-PGAD-R011
SHEET: 001
REV: 03
SIZE: A1

