



**A SECTION A - PART B**  
1:50

- BGAD-R002
- BGAD-R003
- BGAD-R004
- BGAD-R005

- NOTES:**
- 1 HR - DENOTES 1 HOUR FIRE RATED SEPARATION
  - DENOTES EXTENTS OF FIRE WALLS - - - - - 1HR
  - PIPE/ DUCT PENETRATIONS THROUGH FLOORS/ CEILINGS, SEE DETAIL -
  - PIPE/ DUCT PENETRATIONS THROUGH EXTERIOR WALL, SEE DETAIL -
  - PIPE/ DUCT PENETRATIONS THROUGH CONCRETE WALLS, SEE DETAIL -



<b>CH2MHILL CANADA</b> Architects Inc.		<b>KCS GROUP</b> CONSULTING ENGINEERS	
DESIGNED BY: R. ZAKKO	CHECKED BY: B. KOLIS-HUPA	ENGINEER'S SEAL 	
DRAWN BY: R. BATHAN	APPROVED BY: H.T. FREIHAMMER	ISSUED FOR CONSTRUCTION BY: J. SHUMKA DATE: 2017/04/05	
SCALE: 1:50		CONSULTANT NO.: 474248	
02 ISSUED FOR ADDENDUM 5 - 976-2016 01 ISSUED FOR ADDENDUM 4 - 976-2016 00 ISSUED FOR CONSTRUCTION - 976-2016	2017/07/14 R.B. J.C. 2017/06/30 R.B. J.C. 2017/04/05 R.B. J.C.	CITY DRAWING NUMBER <b>1-0102-BGAD-R010</b>	
PLOT DATE: 2017\07\14		SHEET <b>02</b>	REV. SIZE <b>A1</b>

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT  
 SOUTH END WATER POLLUTION CONTROL CENTRE  
 SEWPCC UPGRADING/EXPANSION PROJECT  
 BUILDING  
 BIOREACTORS/BLOWER BUILDING  
 SECTION A - PART B