

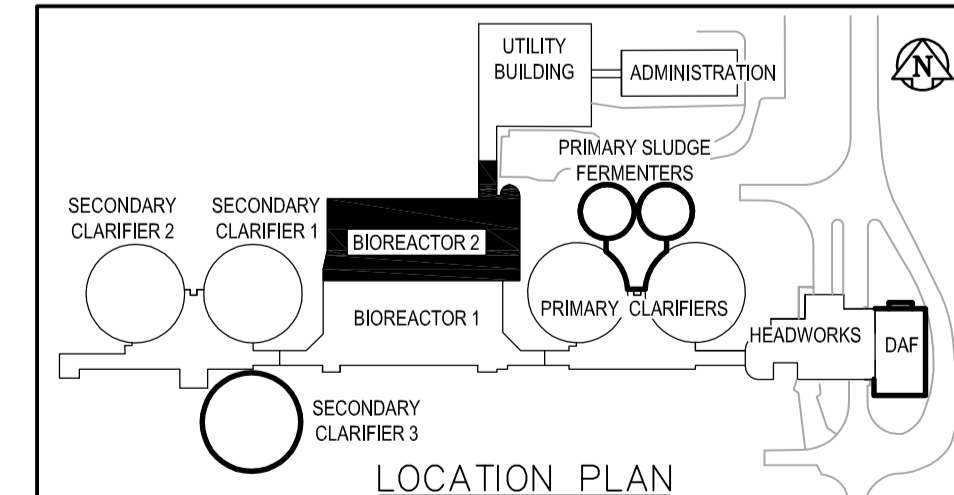
**PARTIAL PLAN - LOWER LEVEL BIOREACTOR 2**  
SCALE : 1:100

**NOTES:**

- EXISTING CONCRETE SURFACE TO BE INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 5mm & TO BE CLEAN, SOUND & FREE OF LAINTANCE. EXISTING CONC. TO BE IN A S.S.D. CONDITION FOR 24 HOURS PRIOR TO CASTING OF CONCRETE INFILL WALLS/BEAMS (SEE SECTION 1 SHEET SS3.03). TYPICAL AT NEW & EXISTING INTERSECTION POINTS FOR: CB-1, CB-2, CB-3, CC-1, SL-1 & CW-6
- MAXIMUM CONSTRUCTION LOAD NOT TO EXCEED A SERVICE LOAD OF 12.0 kPa WITHIN THE GALLERY TUNNELS.

**SUGGESTED CONSTRUCTION ACCESS POINT:**

- T.O. CONSTRUCTION ACCESS POINT AT ELEV. ±239.000.
- DO NOT CUT EXISTING 25M I.F. HAUNCH REINFORCING STEEL.
- T.O HAUNCH REINFORCING AT ELEV.±239.000 (SITE CONFIRM ELEVATION PRIOR TO CONSTRUCTION).
- PROVIDE FULL TENSION LAP SPLICES TO REINFORCING STEEL REQUIRED TO BE CUT FOR CONSTRUCTION ACCESS POINT.
- SHORE EXISTING ROOF STRUCTURE AS REQUIRED.
- WATER STOP & CHIP A MINIMUM 38x140 CONTINUOUS KEY AROUND OPENING.
- IN FILL TO BE WATER TIGHT.
- REVIEW SIZE LOCATION OF ACCESS OPENING WITH CONTRACT ADMINISTRATOR PRIOR TO CUTTING CONCRETE.



B.M. ELEV.		 A Tyco International Ltd. Company		ENGINEER'S SEAL	
				ORIGINAL SIGNED BY J. BETKE 2006/04/26	
DESIGNED BY	AA/JB	CHECKED BY	AA/JB	CONSULTANT DRAWING NO. SS2.02	
DRAWN BY	WDB/KK	APPROVED BY	JEH		
HOR. SCALE: AS NOTED		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX		CITY FILE NUMBER	
VERTICAL SCALE:					
NO.	REVISIONS	DATE	DATE	CITY DRAWING NUMBER	
01	21-2006 ADDENDUM 3	06/05/19	SRP		
00	ISSUED FOR TENDER	06/04/26	KK		
		DATE	2006/04/26		
		DATE	2006/04/26		

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION

**WEWPC**  
BIOLOGICAL NUTRIENT REMOVAL UPGRADE  
CONTRACT 3

STRUCTURAL  
AREA S - BIOREACTOR 2  
PARTIAL LOWER LEVEL PLAN