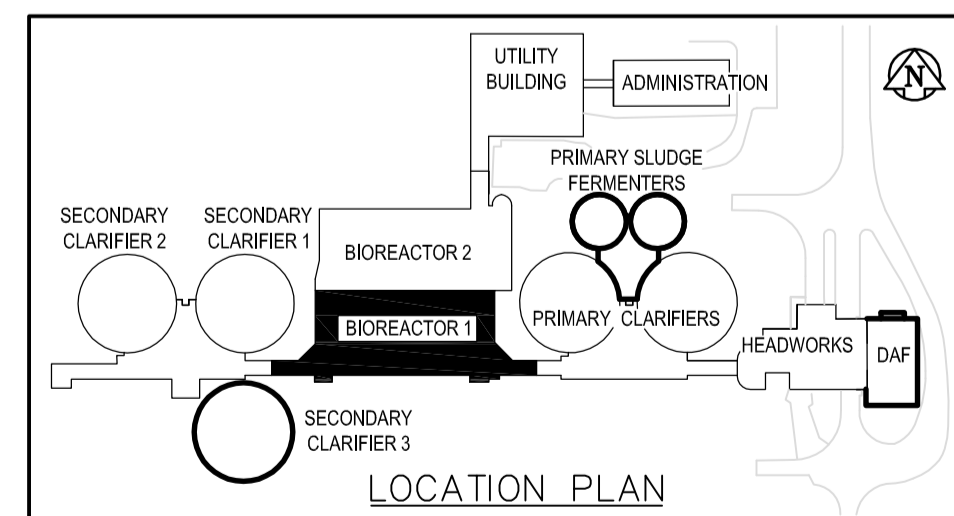


PARTIAL LOWER LEVEL PLAN – BIOREACTOR 1

SCALE : 1:100

NOTES:

- EXISTING CONCRETE SURFACE TO BE INTENTIONALLY ROUGHENED TO A FULL AMPLITUDE OF 5mm & TO BE CLEAN, SOUND & FREE OF LAITANCE. EXISTING CONC. TO BE IN A S.S.D. CONDITION FOR 24 HOURS PRIOR TO CASTING OF CONCRETE INFILL WALLS/BEAMS. 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 EXISTING GALLERY TUNNELS.
- NOTE: RE: DIMENSION SLAB ELEVATIONS ±



CONCRETE BEAM SCHEDULE								
MARK	WIDTH	DEPTH	REINFORCING				ADDITIONAL	REMARKS
			TOP	MIDDLE	BOTTOM	STIRRUPS		
CB-1	350	800	2-20M		2-20M	15M @ 200 o/c		
CB-2	400	1225	2-20M	4-15M E.F.	5-20M	10M @ 300 o/c	2-20M UP TURN DOWELS T&B	50 DEEP KEY, WIDTH & DEPTH OF BEAM
CB-3	250	400	2-15M		2-20M	10M @ 175 o/c		50 DEEP KEY, WIDTH & DEPTH OF BEAM

CONCRETE WALL SCHEDULE				
MARK	WIDTH	REINFORCING		REMARKS
		VERTICAL	HORIZONTAL	
CW-1	350	20M @ 300 E.F.	20M @ 300 E.F.	
CW-2	350	20M @ 300 E.F.	20M @ 300 E.F.	
CW-3	350	20M @ 300 E.F.	20M @ 300 E.F.	
CW-4	350	20M @ 300 E.F.	20M @ 300 E.F.	
CW-5	350	20M @ 300 E.F.	20M @ 300 E.F.	
CW-6	400	20M @ 300 E.F.	20M @ 300 E.F.	



B.M. ELEV.					
DESIGNED BY	AA/JB	CHECKED BY	AA/JB		
DRAWN BY	WDB	APPROVED BY	JEH		
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	J. VEILLEUX		
VERTICAL SCALE:		DATE	2006/04/26	DATE	2006/04/26
NO.	ISSUED FOR TENDER	DATE	06/04/26	BY	KK
NO.	REVISIONS	DATE		BY	

ENGINEER'S SEAL

ORIGINAL SIGNED BY
J. BETKE
2006/04/26

CONSULTANT DRAWING NO.
SS2.01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WEWPC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT 3

STRUCTURAL
AREA S – BIOREACTOR 1
PARTIAL LOWER LEVEL PLAN & SCHEDULES

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER