



BIOREACTOR 1 – ROOF POWER PLAN
SCALE: 1:100

DRAWING NOTES

- 1 PROVIDE COVERED CABLE TRAY ON ROOF OF BIOREACTORS 1 & 2 TO ALLOW FOR INSTALLATION OF MIXER POWER AND CONTROL CABLES AND RECEPTACLE POWER MCC-1SB AND MCC-2SB. REFER TO MOTOR CONTROL SCHEDULE FOR POWER CABLE SIZES.
- 2 CONDUCTOR TO MCC-2SB IN BIOREACTOR ELECTRICAL ROOM. REFER TO MOTOR CONTROL SCHEDULE FOR POWER CABLE SIZES.
- 3 CONDUCTOR FROM PUMP S770-P TO VFD S770-P-VFD IN WALKWAY. REFER TO MOTOR CONTROL SCHEDULE FOR POWER CABLE SIZES.
- 4 WELDING RECEPTACLE – WEATHERPROOF, 60A, 600V. MCC-2SB

GENERAL NOTES

1. COORDINATE WITH OTHER TRADES TO PREVENT CONFLICTS.
2. USE PVC JACKETED HITECK CABLE FOR ALL POWER WIRING.
3. WIRING FOR LIGHTING, RECEPTACLES AND COMMUNICATIONS TO IN RIGID ALUMINUM CONDUIT.
4. ALL CONDUIT TO BE 21mmØ MINIMUM UNLESS OTHERWISE NOTED.



B.M. ELEV.				ENGINEER'S SEAL	
DESIGNED BY	GSN			CHECKED BY	PS
DRAWN BY	ERC	APPROVED BY	JEH	DATE	2006/04/26
HOR. SCALE: NTS		RELEASED FOR CONSTRUCTION BY:		CONSULTANT DRAWING NO.	
VERTICAL SCALE:		J. VEILLEUX		SE1.02	
NO.	REVISIONS	DATE	BY	DATE	2005/11/22
00	ISSUED FOR TENDER	06/04/26	ERC	DATE	2006/04/26

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION		CITY FILE NUMBER
WEWPCC BIOLOGICAL NUTRIENT REMOVAL UPGRADE CONTRACT 3		SHEET OF
ELECTRICAL AREA S – BIOREACTOR 1 POWER PLAN		CITY DRAWING NUMBER