



BIOREACTOR 2 – 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 CABLES. TRAY TO BE EXTENDED TO NEW BIOREACTOR ELECTRICAL ROOM MCC-1SB AND MCC-2SB. REFER TO MOTOR CONTROL SCHEDULE FOR POWER CABLE SIZES.
- ② CONDUCTOR TO MCC-1SB IN BIOREACTOR ELECTRICAL ROOM. REFER TO MOTOR SCHEDULE FOR POWER CABLE SIZES.
- ③ CONDUCTOR FROM PUMP S771-P TO VFD S771-P-VFD IN WALKWAY. REFER TO MOTOR 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		SE1.03	
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 2 POWER PLAN		CITY DRAWING NUMBER