



**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 RGD ALUMINUM CONDUIT.
- 4. ALL CONDUIT TO BE 21mmØ MINIMUM UNLESS OTHERWISE NOTED.



B.M. ELEV.				ENGINEER'S SEAL	
				ORIGINAL SIGNED BY P. STRYK 2006/04/26	
DESIGNED BY	GSN	CHECKED BY	PS	CONSULTANT DRAWING NO. SE1.03	
DRAWN BY	ERC	APPROVED BY	JEH		
HOR. SCALE: NTS		RELEASED FOR CONSTRUCTION BY: J. VEILLEUX			
VERTICAL SCALE:		DATE	2005/11/22	DATE	2006/04/26
NO.	REVISIONS	DATE	BY	DATE	BY
01	ISSUED FOR CONSTRUCTION	06/09/22	SRP		
00	ISSUED FOR TENDER	06/04/26	ERC		

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

WEWPC  
BIOLOGICAL NUTRIENT REMOVAL UPGRADE  
CONTRACT 3

ELECTRICAL  
AREA S – BIOREACTOR 2  
POWER PLAN

CITY FILE NUMBER  
SHEET OF  
CITY DRAWING NUMBER