

AGRIUM INC. Galvanic Jackets

STRUCTURE: Mill
LOCATION: Thickener Sump Area
PROJECT DATE: March 2001
JOB DURATION: 5 Days
CLIENT CONTACT: Mick Hobman
AREA: 4 Columns
CONTRACTOR: Vector Construction Ltd.
Saskatchewan Branch



Problem: Deterioration of the existing structural steel concrete bases caused by corrosion of the reinforcing steel. These bases had been repaired by overbuilding them with concrete but corrosion of the steel in the original concrete caused premature failure of the original repair.

Area: 4 Locations @ 30" x 30" x various heights

- Procedure:**
- i) Remove existing deteriorated concrete.
 - ii) Clean reinforcing steel and replace as required.
 - iii) Supply / install galvanic jackets pre-built to provide similar dimension to the original base design.
 - iv) Pour the galvanic jackets full of activated repair mortar.
 - v) Energize the system by connecting the zinc mesh to the reinforcing steel.



CORPORATE OFFICE

474 Dovercourt Drive
Winnipeg, Manitoba, R3Y 1G4
Ph. (204) 489-6300
Fax (204) 489-6033
Email: vector@vectorgroup.com

REGIONAL OFFICES

Manitoba Winnipeg (204) 489-6300
Ontario (North) Thunder Bay (807) 346-4405
Ontario (South) Stoney Creek (905) 662-4020
Saskatchewan Saskatoon (306) 934-3533
Alberta Spruce Grove (780) 962-6778

North Dakota Fargo (701) 280-9697
Nebraska Sioux City (402) 494-9305
Iowa Cedar Rapids (319) 364-5355
Florida Tampa (813) 830-7566
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