

DAVID W. BEAMAN



- Chief Draftsperson
- CADD Technician
- Company Safety Representative

EDUCATION

- Sept 77-June 79 Holland College - Summerside Centre
Diploma in Engineering Graphics Technology
- Jan-Apr 1983 Holland College Technology Centre
Certificate in Non-Destructive Materials Testing

WORK EXPERIENCE

Dec 90-Present **DELCOM ENGINEERING LTD.**

Summerside, P.E.I.

Job Title: Chief Draftsperson, CADD Technician

Duties include preparing engineering design drawings for client review, tendering and construction. Preparing presentation drawings for client or municipal funding proposals. Operating computerized AutoCad drafting program, specializing in structural, bridges, highways and municipal systems designs. Job site surveying and inspection, operating and maintaining plotting and printing equipment. Structural steel detailing including reading architect/consultant drawings and specifications, preparing structural drawings for review and construction, preparing shop details for fabrication.

Job Title: Company Safety Representative

Duties include implementing and maintaining Company Safety Manual, conducting safety policy orientation for new employees, maintaining and upgrading employee safety records, distribution of safety equipment to job site personnel. Other duties include performing site hazard assessments and incident investigations.

Structural Engineering Projects:

- ***Summerside Water Pollution Control Centre***
Lead engineering technician for structural and civil design drawings for a new \$19 million Sewage Treatment Facility. Design included numerous new buildings, large diameter open top reinforced concrete tanks, and extensive retrofitting of existing structures. Worked extensively with structural engineers located in Halifax, NS.
- ***East Prince Health Facility, Summerside, P.E.I.***
Sole engineering technician responsible for producing complete structural design drawings used for review, tendering and construction of a \$35 million hospital. Design drawing coordination was critical as the lead design engineer was located in Moncton, NB.



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- ***Silver Fox Curling & Yacht Club, Summerside, P.E.I.***
Lead technician responsible for producing structural design construction drawings as well as project coordination and production of various architectural detail sketches. Periodic site inspection and contractor coordination.
- ***Health of Plants & Animals Laboratory, Charlottetown, PEI***
Lead engineering technician for production of structural design drawings for state-of-the-art scientific laboratory building with extensive skylighting and greenhouse areas.
- ***Various Highway Bridge Construction Projects, P.E.I.***
Lead engineering technician responsible for producing complete highway bridge structural and approach highway bridge design drawings for Department of Transportation review, tendering and construction purposes.
- ***Various Wharf Reconstruction Projects, P.E.I.***
Lead engineering technician for numerous fisheries wharf/breakwater reconstruction projects. Construction ranged from wharf and/or breakwater expansions to complete redesign and construction of entire wharf/breakwater systems.
- ***Structural Steel Detailing Services***
Sole steel detailing technician for numerous varied structural steel fabrication projects on P.E.I. and northeastern USA. Worked extensively with local steel fabrication companies to provide them with a complete quality controlled structural detailing service. Some projects completed were:
 - Birchland Park School, Winchester, MASS
 - Lafayette Retail Center, Boston, MASS
 - Winners Store, Charlottetown, PEI
 - Navigation Signage for Confederation Bridge, Borden, PEI

Civil Engineering Projects:

- Summerside Wellness Centre - Civil Services
- Lennox Island Water Supply & Sewage Collection Treatment Systems
- Summerside West End Development Project
- East Prince Health Facility - Civil Systems Design
- Confederation Bridge Assembly Yard Site Services
- Initial Site Development for GST National Processing Centre, Summerside, PEI
- Summerside Area Water Commission - Water Supply Development Project
- Borden-Carleton Water Tower & Distribution System

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Precast Concrete Panel Detailing Projects:

Lead Detailing Technician for numerous manufactured concrete fabrication projects located in Eastern Canada and Northeastern USA. Provided to Client complete quality controlled concrete panel detailing service for insulated precast wall panels, as well as prestressed structural floor slab units. Some projects completed are:

- Home Depot Store insulated concrete wall panels - Dartmouth, NS
- Kent Building Supplied Store insulated concrete wall panels - Cornerbrook, NF
- Six Storey Condominium Complex prestressed concrete floor slabs - Boston, MA
- Chev/Cadillac car dealer expansion prestressed concrete floor slabs - Nashua, NH
- Precast Concrete Bridge Arch Units - Dalhousie, NB and Stratford, PE

1979-1990

PREBILT STRUCTURES LTD.

Charlottetown, P.E.I.

Job Title: Chief Draftsperson,
Structural Steel Division

Structural steel detailing and connection design, operating computerized structural detailing program. The vast majority of the work was calculated and detailed by hand. A computerized detailing system was being installed and tested while in my final year with the company.

Structural Steel Projects

- Atlantic Veterinarian College, Charlottetown, P.E.I.
- Royal Trust Building, Charlottetown, P.E.I.
- Canadian Tire Store, Charlottetown, P.E.I.
- CP Hotel, Charlottetown, P.E.I.