

MECHANICAL & ELECTRICAL

Building Systems Design



Harmony Square - 200 units designed and built with industry leading timeline



The Mills Residences - 200 units and shops in the heart of Halifax



Gladstone Office Extension - New class A office space, rising from the old in the North End of Halifax

Strum's Mechanical and Electrical Engineering group specializes in Building Systems Design for residential and commercial construction projects across Atlantic Canada. Based in Halifax, our team brings over 30 years of experience in building systems. Each year, we design more than 1,500 residential units, over 100 clinical exam rooms, and 350,000 square feet of commercial space. Our commitment to responsive service includes timely deliverables from a team of multiple mechanical and electrical engineers and designers who are ready to respond, solve problems, and effectively deliver on your projects. We prioritize clear communication and provide concise drawings and specifications that make it easy for trades to estimate costs. Additionally, we ensure clearly defined scopes, budgets, and timelines for every project.

DESIGN SERVICES

HVAC

- Heating, ventilation, and cooling

Plumbing

- Domestic water (hot, cold, and recirculation)
- Drainage (sanitary, storm, and condensate)

Electrical

- Power, lighting, life safety (fire alarm), communications and backup, and emergency essential power

Building Systems Control

Gas Plans

- Propane and natural gas

CLIENTS

Multi-Unit Residential Developers

- Build, Own, Operate
- Build and Sell
- Adaptive Reuse

Design Builders

- Commercial and Institutional Developments

Commercial Landlords

- Building Owners/Operators
- Tenant Fit Ups

Subcontractors

- HVAC
- Plumbing
- Electrical

RECENT PROJECTS

Residential:

- 40 Storey Precast Concrete Tower (under design, 350 Units), Dartmouth, NS
- Agency Art Lofts (140 Unit, adaptive reuse), Halifax, NS
- Harmony Square (200 Units), Bedford, NS
- TED (75 Unit), Halifax, NS

Commercial:

- NSHA Medical Clinic (25 exam room, conversion from office), Halifax, NS
- Zero Carbon Warehouse (65,000 square feet with air to water in floor heating), Dartmouth, NS
- Chicken Little/Irving/Jack's Car Spa (multi use commercial building), Bedford, NS

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