

PHILIP J. CURRIE DINOSAUR MUSEUM

GRANDE PRAIRIE, AB, CANADA

MUSEUM

OVERVIEW

The Philip J. Currie Dinosaur Museum is a world-class facility in the heart of Peace Country and honors Canada's leading palaeontologist, Philip J. Currie. The project has attracted the attention of multiple celebrities, including Dan Aykroyd, Matthew Gray Gubler, Robert F. Kennedy Jr., and mystery writer Patricia Cornwell.

PROJECT DETAILS

Reliable Controls Authorized Dealer, Serv-All Mechanical Services Ltd., completed this new construction project in 2015. The Philip J. Currie Dinosaur Museum rests on the ancient Pipestone Creek, the world's richest dinosaur bone bed, near Grande Prairie, Alberta, Canada.

Designed as a metaphorical reference to the dinosaur bones that reside within, the museum features a geometrically complex roof supported by exposed timber beams. With a total area of 2,713 m² (29,200 ft²), the museum's mechanical equipment includes a boiler, chiller, HVAC, and VAV. The networked MACH-System hardware consists of one MACH-ProWebSys controller, one MACH-ProSys controller, 26 MACH-ProAir™ controllers, and one MACH-ProZone controller. The network topologies are EIA-485 and Ethernet, and the protocol integration is BACnet. There are 344 system points and the project is LEED® Silver certified. Strict air quality, temperature, and humidity control were achieved with the Reliable Controls MACH-System.

Serv-All Mechanical Services Ltd. has had an office in Edmonton, Alberta since 1978. The company opened additional offices in Grande Prairie in 2007 and Calgary in 2016, recognizing the needs of their customers all across the province. The company provides HVAC installation, maintenance, and service, as well as building automation system expertise.

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PROJECT TYPE:

New Construction

INSTALLATION TYPE:

Boiler, Chiller, HVAC, VAV

TOTAL AREA:

2,713 m² (29,200 ft²)

NETWORK:

EIA-485, Ethernet

PROTOCOL:

BACnet

POINTS:

344

EQUIPMENT INSTALLED:

26 MACH-ProAir™
 1 MACH-ProSys™
 1 MACH-ProWebSys™
 1 MACH-ProZone™

RELIABLE CONTROLS® DEALER:

SERV-ALL
 Specializing in Building Performance

