

## UNIVERSITY OF WATERLOO ENGINEERING FIVE BUILDING

## ABOUT THIS PROJECT

LOCATION
Waterloo, ON

+ One of the larger buildings on campus, housing the Departments of Electrical and Computer Engineering (ECE), Mechanical Mechatronics Engineering (MME),and Systems Design Engineering.
+ Centre of the building contains the 20,000 square foot Student Design Centre (SDC), a facility for undergraduate research, experimentation, and innovation including: work bays, design studios, meeting rooms, student machine shop, three engine test labs, an anechoic testing chamber, and a large computer commons.

SMITH + ANDERSEN SERVICES PROVIDED Mechanical

KEY TEAM MEMBERS
Perkins \& Will

+ HVAC system comprises of several central variable volume air handling units to supply the labs and office areas.

COMPLETION YEAR
2010

AWARDS

+ Design features carbon dioxide monitoring, low flow fixtures, variable speed pumping, steam heating, semi-instantaneous domestic hot water production. Best in Cultural/Institutional Educational (2011)
+ Specialty systems include welding lab exhaust, wood and composite sanding exhaust, hydrogen fuel cell exhaust and gas detection, and paint booth exhaust and filtration systems.


## HOT BUTTONS



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