

# Cannon Corners Land Port of Entry Building

## U.S. Department of Homeland Security



### Design and LEED Services

#### Architects:

Aubertine & Currier LLC

#### Project Timeline:

May 2010-February 2013

**Novus Engineering, P.C.** was hired by Aubertine & Currier Architects, LLC to provide MEP design and LEED® services for the construction of a new Land Port of Entry check point office and inspection building on the Canadian border in Mooers Forks, NY. Novus was responsible for providing HVAC, plumbing and electrical plans and specifications as well as LEED® documentation for a variety of credits.

The building incorporates a number of energy efficient features including heat recovery ventilation, a closed-loop geothermal HVAC system and state-of-the-art LED fixtures. Based on energy modeling carried out by Novus, the project will exceed minimum code requirements by 42%. Construction on the project commenced in Spring 2011 and was completed in early Summer 2012. Enhanced commissioning activities were completed in February 2013.

Novus provided documentation for the following LEED® credits:

EAp2: Minimum Energy Performance  
EAc1: Optimize Energy Performance  
EAc5: Measurement and Verification  
IEQp1: Minimum Indoor Air Quality Performance  
IEQc6.1: Controllability of Lighting  
IEQc7.1: Thermal Comfort - Design  
IEQc7.2: Thermal Comfort - Verification

In addition, Novus assisted in the development of the Indoor Air Quality Management Plans and with completing fundamental and enhanced commissioning activities.

The building was awarded LEED Silver certification in February 2013.



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