

Open Saturday only



8

### 313 Corn Street, Ithaca

**Contact Name:** Scott Reynolds  
**Organization:** Ithaca Neighborhood Housing Solutions  
**Type of Building:** Residence/Home  
**Square Feet:** 2300  
**Year Built:** 2009 (under construction)

This duplex and the one next door are being built to LEED-Gold+ standards and include low-VOC finishes and a condensing boiler. "INHS is dedicated to affordable, attractive and resource-efficient housing."

### 400 North Meadow Street, Ithaca *Ithaca Bakery*

**Contact Name:** Ramsey Brous  
**Type of Building:** Business  
**Square Feet:** 7,000  
**Year Built:** 1990, renovated 2008

Open Saturday only

9

Renovation of the 80-year-old Ithaca Bakery added both a centrally situated, highly visible and high-traffic location, and a fully equipped bake shop capable of turning out traditional, restaurant-style Italian bread as well as dozens of delicious, creative new artisan breads and pastries. In an attempt to be as green as possible, a 15 kW PV system was installed, which generates approximately 10% of electricity for the entire establishment. During the renovation, energy-efficient lighting was installed and retrofitted, as well as a high-efficiency roof-top AC system.



Open Saturday only

10

### 109 South Albany Street, Ithaca *Ithaca Connected*

**Contact Name:** Ian Shapiro & Tim Page  
**Type of Building:** Office/Executive  
**Square Feet:** 2225  
**Year Built:** 1920's, renovated 2002-2009

In the past 7 years we have reduced our gas bills by over 60% and electric use by half on a per-staff basis, with a high-efficiency condensing gas furnace, on-demand water heater, high-efficiency lighting throughout, extensive air sealing throughout, insulation installed in the roof and walls, zoned air conditioning with alternative refrigerant 410a, and an energy-recovery ventilator.

### 110 South Albany Street, Ithaca *Taitem Engineering*

**Contact Name:** Jim Holahan  
**Building Type:** Office/Executive  
**Square Feet:** 3400

Open Saturday only

11

A prototype split airstream desiccant cooling system has been installed in the basement and ducted to the first floor for cooling and dehumidification of the first floor. Cooling for the second floor is provided by a geothermal heat pump (eight 280-foot vertical wells). The building and the two systems are continually monitored for performance as part of a NYSERDA energy research project.