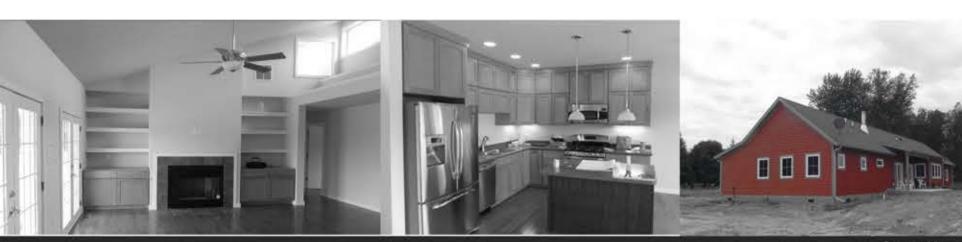
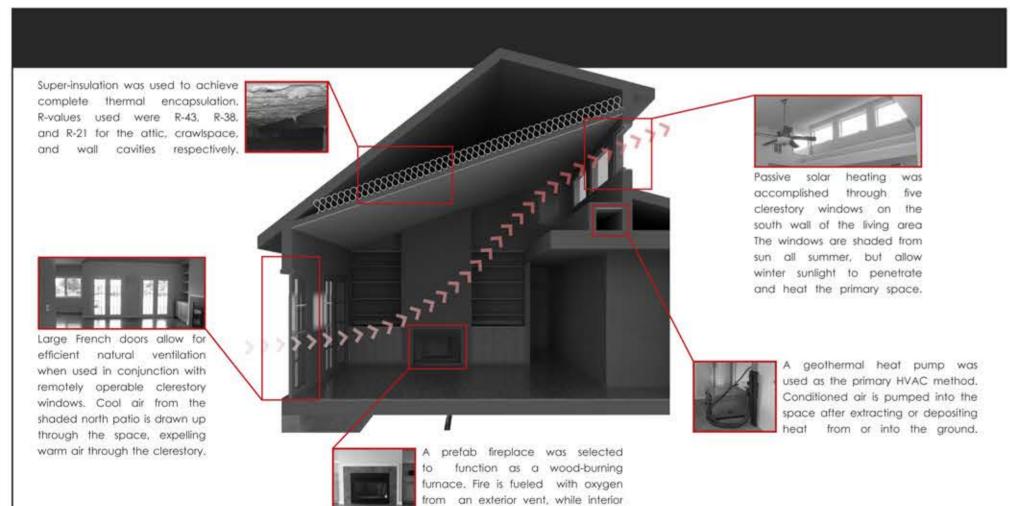
Warner Residence

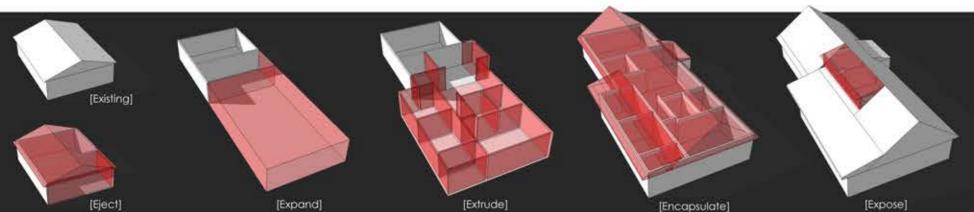


The WARNER RESIDENCE project is a single family home addition in rural central Illinois. The client for this project had many particular needs he wanted addressed in the expansion project that had to be reconciled in the design. The expansion was to reuse as much of an existing structure as possible, be as energy efficient as possible, and provide handicap accessibility in the bathrooms, while being as spatially and fiscally efficient as possible. These goals were achieved by eliminating any unnecessary rooms from the plan, and combining the communal spaces of the house into one large great room. Environmentally friendly materials, good solar heating and passive cooling techniques were also used in conjunction with super insulation and a geothermal heat-pump to achieve the environmental goals of the client.

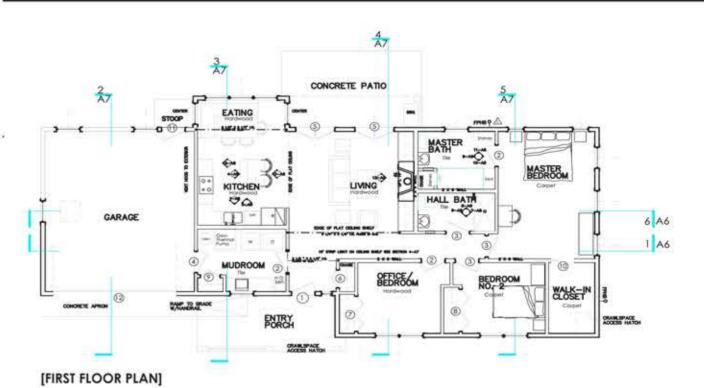


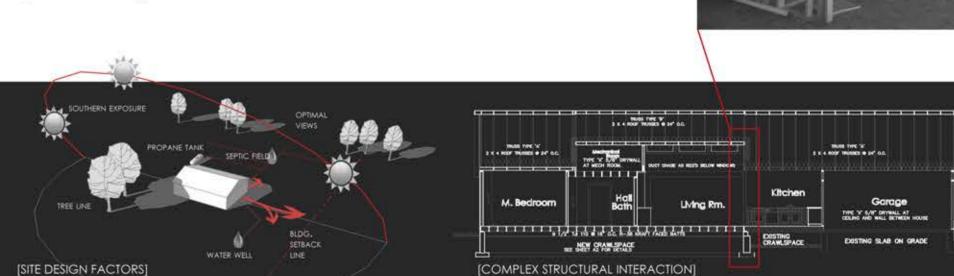
SmartHaus



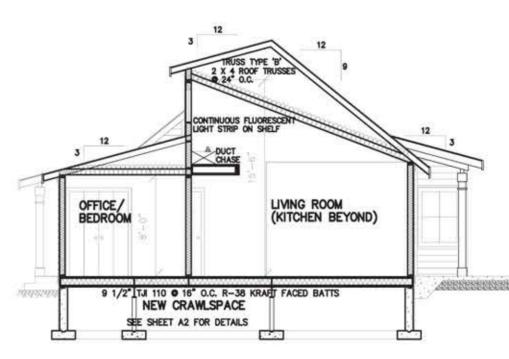


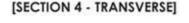
air is circulated around the firebox.

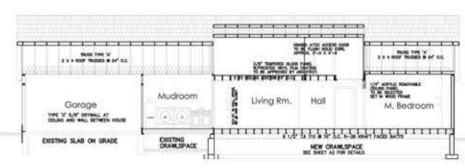




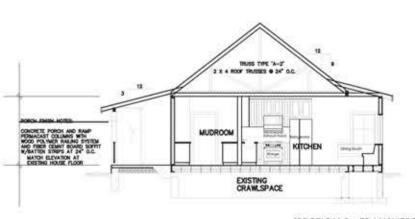
Warner Residence - Summer 2011







[SECTION 6 - LONGITUDINAL]



[SECTION 2 - TRANSVERSE]



entimental value to the owner, who asked the existing foundation, floor system, home, Much of the structure was retained. Both parts were strengthened by the that it be preserved as much as possible. and partial exterior walls were reused. although a new roof was necessary, diaphragm action of a continuous roof.

Because the existing home was built by To waste as little material and preserve The site's existing condition became an As work progressed, the old and new hand by the client and his father, it retained as much of the original house as possible, integral factor in the design of the new structures became fully integrated.



SmartHaus