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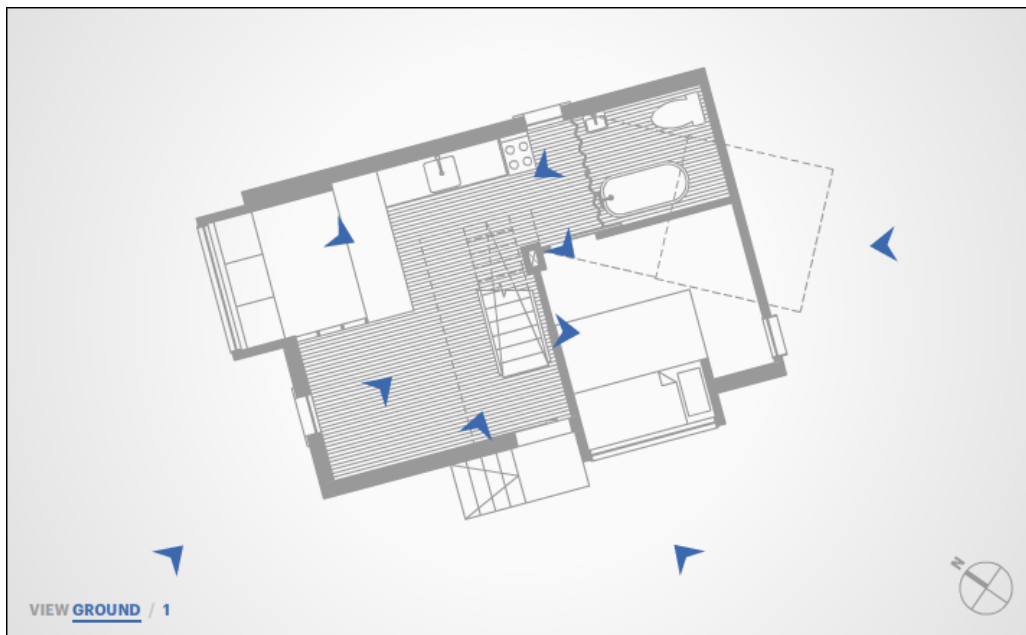
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Interactive floor plan: Quad Space House, Buffalo



The Quad Space house is the ultimate student project, a house that mixes entrepreneurial skills and design ingenuity with America's economic woes. The project, located in Buffalo's Black Rock neighbourhood, began life as a near-derelict house, symptomatic of the ongoing housing crisis that has eviscerated many neighbourhoods in urban America.



[See more of Quad Space House](#)

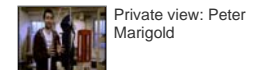
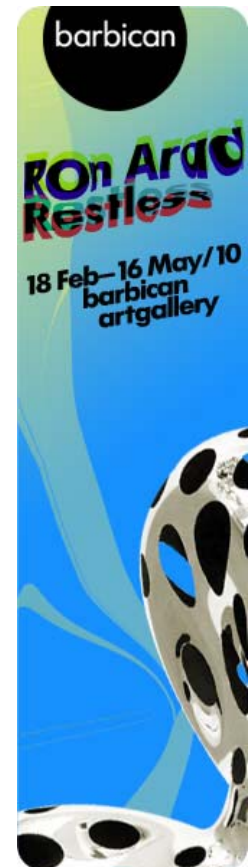
Bought at auction by four students from the University of Buffalo's [School of Architecture and Planning](#), it has evolved into an exploration of space, a hand-wrought piece of architecture that not only showcases the

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Private view: Peter Marigold



Private view: Tom Dixon



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Thomas Demand and Adam Caruso interview

students' skills but, most importantly of all, provides them with a place to live.

Michael-John Bailie, Paul Dudkowski, Ernest Ng and Dan Stripp spent just \$6,500 on the brick-built two-storey house. Even by European standards, the 700 square foot structure was modest in the extreme, and the remodelling project has been a textbook lesson in how to eke living space, privacy and function out of such a small floor area.

The finished house contains four separate sleeping areas (one of which can also be used as a living room), each formed from a 7 x 7 x 7.5 foot space, which just happens to be New York State's minimum requirements for bedroom size. Each bedroom is treated as a 'cube', wooden structures that are clearly expressed as they poke through the original brick façade.

Every nook and cranny has been filled, with the interior a masterpiece of fine craftsmanship using low-cost materials. Fixtures and fittings were bought from a local nonprofit salvage yard, [Buffalo ReUse](#), while other materials and labour were donated free of charge by local businesses, eager to help out the university and reinvigorate the community.

The combination of open plan living areas, high ceilings, minimal detailing and expansive windows gives the small house a generously spacious feel, with underfloor heating also keeping the lines clean and uncluttered. Overseen by four thesis advisors, including Mehrdad Hadighi of [Studio for Architecture](#), the Quad Space project is a landmark example of architectural education giving back to the local community, ensuring that design innovation stays out of the ivory towers and on the street.

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