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Housing Regeneration Strategies - DIT Students' projects for Waterford City, Ireland.

Jim Roche  
*Technological University Dublin*, jim.roche@dit.ie

Orla O’Donnell  
*Dublin Institute of Technology*

Jim Ward  
*Dublin Institute of Technology*

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Dublin School of Architecture, DIT, Ireland

HOUSING REGENERATION STRATEGIES
DIT student projects for Waterford City, Ireland

Jim Roche - Orla O' Donnell, Jim Ward
jim.roche@dit.ie

The design centre for the 4th and 5th Year Architectural Design Studio (DIT 4D) in 2013 and the city around the basis of defining it. These baseline urbanities are both economic and social. The apartments consist of CLT construction and will be wrapped in a brick screen. The entrance conditions throughout the project are pushed within the thickness of the wall and our reaction to the issue of boundary. The opportunities of space directly into the character of the apartment defined from the large open space plan by the threshold and living space.

The location of the site on the North side of Waterford City along the river Suir is Ireland's oldest city and currently has a population of 66,000 people. The city has suffered population loss in the economic recession of the 2000s. The project is to regenerate the neighbourhoods of Waterford City.

Housing Project in Waterford, Ireland
Student: Ailbhe Walsh
4th Year Architecture, Semester 2 2014-2015

HOUSING REGENERATION STRATEGIES

The design of the site on the North side of Waterford City along the river Suir is presented. The scale of the project is the planning permission as an urban block. The design considers the context from the backdrop of the public realm and the private realm. The students were asked to design housing. The design is based on a study of the proportions of Arts and Crafts windows. The proportions of the traditional Japanese framed wall construction is exposed through a fine layer of white wash. The exposed structural beams in their entirety or the grain of the timber is a traditional Japanese technique while defining it as a distinct transitional space. The entrance conditions push the living space into the character of the apartment defined from the large open space plan by the threshold and living space.

Cutaway Axonametric showing surface treatment
Photography of 1:10 model showing entrance threshold

The functional experience of this housing scheme was an exploration of the shaping and articulation of the voids and the open to the backs of the house. The entrance conditions of the project involved the articulation of the voids and the open to the backs of the house. The entrance conditions push the living space into the character of the apartment defined from the large open space plan by the threshold and living space.

Double herringbone timber parquet floor in living room.
White washed wooden screens defining the entrance threshold from living space while maintaining large floor area.

Entrance to Apartment.

Exposed Structural Beams.

Skirting board.

White washed window frame.

Double strip timber flooring with alternating joints in area.

Directional change in hallway space.

Double strip timber flooring with alternating joints in area.

White washed window frame.

Double strip timber flooring with alternating joints in area.

White washed window frame.

Directional change in hallway space.