

## Project 2: City Market/IFPC Competition

Arch 353, Armpriest + Manrique Fall 2016

### The Structure

*“The principle of structure has moved in a curious way over this century [20th] from being “structural honesty” to “expression of structure” and finally to “structural expressionism.” In my opinion, it is a potent and lasting principle and I would never want to get very far away from it. Here, just as in the principle of function, the degree to which structure becomes expressive depends to a large extent on the problem. The expression of structure is not an end in itself, it is only when structure can contribute to the total and to the other principles that it becomes important. The Yale Hockey Ring and the TWA terminal are examples of this.”*

- Eero Saarinen

### IFPC Competition (Idaho Forest Products Commission Awards Program)

The studio is sponsored by the Idaho Forest Products Commission (IFPC), and includes a design competition and several sponsored events and activities, including a tour of the Idaho Forest Group Mill in Lewiston, a required field trip to the University of Idaho experimental forest, and the awards luncheon. The purpose of the IFPC awards program is to encourage, recognize and support the creative and innovative use of Idaho wood in architectural design as outlined in the goals below:

- To provide hands-on opportunities for Idaho architects and University of Idaho architecture students to learn about Idaho forests, sustainable forest management, wood products and manufacturing.
- To foster learning experiences about the structural, energy efficiency (life cycle analysis) and environmental benefits of wood.
- To recognize excellence in architectural design using Idaho wood to both professional Idaho architects and University of Idaho architecture students.

### The City Market

A City Market is a year-round, carefully crafted, intentional and diverse medley of owner-operated shops, stalls and/or “day tables”. They exist to fulfill a public purpose, showcase a community’s unique character and culture while serving its everyday shopping needs. These markets typically focus on the sale of a full array of fresh, healthful, value added, and prepared foods – often locally grown or produced. They are sometimes rounded out by crafts and/or a variety of needed neighborhood businesses. They usually include seasonal, outdoor farmers market components.<sup>1</sup>

### Project

In this project students are asked to conceptualize the future needs and aspirations for City Markets and how best to use the services it provides to generate new activities into the areas they are inserted in. We will use the program statement provided, but you are also encouraged to think critically and creatively as you consider elements that might enhance the development of the site and neighborhood.

### Learning Outcomes

As a result of the work on this project, each student should demonstrate:

1. the ability develop a project that includes a portion of unobstructed space requiring an expressive structure in wood.
2. an understanding of the city market as a building type that creates a lively, active of community and retail space.
3. the ability to apply basic organizational, spatial, structural and constructional principles to the conception and development of a city market, and discover its poetic potential.
4. the ability to select, configure and detail wood components and assemblies to support and express the city market design concept.
5. the ability to engage the natural systems and processes and historical and cultural aspects of the site in the project design.
6. an understanding of universal design and accessibility requirements, and regulations for a public building and site of this type.

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<sup>1</sup> Adapted from <http://publicmarketdevelopment.com/what-is-a-public---market-2/> Retrieved Oct. 15, 2015

## Site

The site is located along the edge of the Snake River in Lewiston, Idaho. Additional information will be provided in class and during our field trip.

## Building Program

The primary components of the program for the Lewiston City Market are listed below. There is some room for interpretation as indicated above.

HEIGHT	(building): 40 ft (max)			
MARKET AREA				
	Stall area	30,000		
	Eating area (minimum)	4,000		
	Restrooms	500		
	Administration	500		
COMMERCIAL AREA				
	Proposed function(s)	15,000		
OTHER				
	Unloading area	700		
	Garbage & Recycling	100		
	Maintenance & Storage	200		

## Competition Requirements

Two (2) 24 x 36 boards oriented vertically. Building models as specified.

To maintain anonymity, students will use the same number used for the ICMA competition on the boards submitted for this competition. Name & class information will be on the back of each board. LATE PROJECTS ARE NOT ELIGIBLE FOR THE COMPETITION, but must be submitted before critiques.

## Studio Submission Requirements

The submission for the competition deadline includes two (2) boards described above and the models. An *additional board* is required for the final reviews. This will provide additional information including design process, additional diagrams site and precedent analysis.

Additional detailed information will be provided about final requirements, but final boards will include:

- Design process (parti and process diagrams; site and precedent analyses)
- Site Plan, including a portion of the street and river
- Building Floor Plans, Elevations & Sections
- Wall Section & Details of wood components
- 3D Drawings/ Renderings (Perspectives; Isometrics)
- Building physical models (project in site; structure/construction)

Judging will be conducted by an invited jury and will take place on Monday December 5<sup>th</sup>. Awards will be made at the IFPC Luncheon the same day.

## Schedule

October 17	Kick-off lecture; Project Introduction
October 19	Lewiston project site and lumber mill visits
October 21	12:30 pm IFPC Forest Tour (UI Experimental Forest)
November 7, 9	Mid reviews
November 21-25	Fall Break
December 2	2:30 pm Final submission (physical and digital)
December 5	IFPC Awards Luncheon (time TBA)
December 6-9	Final reviews (date & time TBA)