

# 2011 Michael G. Meyers Design Competition

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the American  
Institute of  
Architects,  
Houston Chapter



## **" \* Market "**

Montrose is a pocket of eccentricity and diversity where fine restaurants, antiques stores and art galleries and some of the city's top art museums such as the Menil Collection can be found. But so can junk shops, tattoo parlors, tarot readers and vintage clothing boutiques. A mishmash of architectural styles and culturally diverse residents has made Montrose an urban hot spot with a growing population. Following the population growth is the need for a new market. This year, the design problem for the MGMDC is to design a **-market** for this thriving historic area.

The owners of "-Market" have purchased property on the corner of Alabama and Dunlavy Street (1701 Alabama, Houston Tx. 77098). The owners and community feel that the warehouse-sized grocery stores that we currently build and shop in are relics of an outdated business model. The owners have an original vision plan for their new market, in which a new shopping experience is achieved, catering to an eccentric cast of Montrose characters. They are looking for a resurgence of the local, neighborhood store and community center that will contribute to the urban life of Montrose.

## **project requirements**

### **The design for "\*Market"**

1. Select four shopper profiles from the cast of shoppers included. You are the fifth shopper. The design of your market will be based on making this group of customers happy.
2. Include a comprehensive, description of your market explaining the concepts behind your design. See essay requirements. Please give your market a name.
3. Develop a distinctive solution that is considerate of the urban context, experience of the shopper and the environment. Your design solution should integrate and accomplish at least (2) sustainable strategies.(conserve and or generate energy -store and or reuse water- utilize passive solar and wind strategies)
4. Develop distinctive interior spaces and exterior spaces that show an understanding of how these spaces are created with-in the required program elements and those required by your chosen customers. Be sure to consider the relationship between the indoor and outdoor spaces and the overall flow through the space. Explore the use of the building and site beyond traditional market functions
5. Students should explore the use of interesting materials, structural components and environmental strategies. Your drawings should clearly illustrate these components

## program

### **SITE**

### **ELEMENTS**

The following items should be part of your site design and site plan. (Think about Urban Design, Parks, and Plazas. How your site should be approached and the integration of public transportation stops into your design. Think about the designs street, sidewalk, plaza, views and vistas how are they landscaped, and what are the elements that are part of the experience. The owners have promised the community to preserve as many of the trees as possible. Especially the specimen trees that are over 25" in diameter, as some of these trees are over 100 years old.

#### **Site: 1701 West Alabama Houston Texas 77098**

Access Drive

Access to or provisions for at least two modes of alternate transportation

Parking for **120** cars (consider alternative ways of parking cars)

Loading Dock—28ft long trailers will be used, not your typical tractor trailer

Green Space

Market Building(s)

### **BUILDING**

### **ELEMENTS**

**For this project** (Note that any of the program elements may be located **inside or outside of the building enclosure**)

NOTE: YOUR SPACE SHOULD REFLECT THE NEEDS OF YOUR CHOSEN CUSTOMERS

#### **Building: 60 000 -70 000 sqft approx.**

Food shopping 40,000 sqft

Provide areas designated for the following:

Bakery, Deli Counter, Seafood and Meat, Fresh Produce, Dry Goods, Frozen Goods

Checkout Area 1,500 sqft

Adjacent to entry

Customer Service 500 sqft

Adjacent to entry

Receiving (adjacent to Loading Dock 10,000 sqft

With truck access

Employee Lounge 1,000 sqft

Breakroom, storage, unisex restroom

Managers Office 200 sqft

Public Restroom 1,000 sqft

Men's (500sqft), Women's (500sqft)

Two Additional Community Functions 8,000sqft each

These should be based on your chosen customers needs and wants

Choose one of the following Design exercises to explore at a more detailed level some other aspects of the The Market

- Checkout Counter
- Shopping Cart
- Food Demonstration and Sampling Kiosk
- Store Signage

## ***Presentation Requirements***

**essay** (should be firmly affixed to the front of one board)

Your descriptive essay should include some detail to explain your design. Please limit your essay to one 8 ½ x 11 sheet @ 12 point Arial font, approx. 500 words

Suggestions of what to include in your essay:

- Describe your sustainable strategies and how shoppers and community will benefit, and enjoy them.
- Describe how the surrounding context influences the design of your market.
- Describe the customer or visitor experience at your market and its surroundings
- What makes your market unique, what will make your customers choose to visit/ shop there.

## **drawings**

The following **minimum** requirements should be mounted on two 24" x 36" or 30" x 42" **foam core** (do not submit more than two boards): (Winning entries will be exhibited @ the Architecture Center Houston, therefore to facilitate display, boards **must be foam core**, and must not exceed the allowable sizes)

- 1" = **60'** scale **site plan**, showing outdoor features and site improvements and the roof of the market.
- 1/8" = 1'-0" scale **floor plan** of the building showing walls, doors, windows, countertops, plumbing fixtures, room names, and other descriptive information that defines the space.
- 1/8" = 1'-0" scale **exterior building elevation(s)** showing façade, roof heights, building materials, windows, and other descriptive information.
- 1/8" or 1/4" = 1'-0" **building section** of the building showing spaces and how they are connected or divided walls and exterior wall material
- At least one accurate **perspective** drawings at any scale of an interior or exterior view of your project.
- Any **hand sketches** that document your design process.

## **model**

A 1/8" = 1'-0" **scale model** of the project (*building only, no site model*) is required for team projects. \*\*Models are optional for individual participants, but all are encouraged to experiment with models to help answer questions about their designs

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## **deadline for submissions**

Entries are due by 5:00 pm on Friday, **22 April 2011** at the AIA Houston offices at ArCH (ARCHITECTURE CENTER HOUSTON) **315 Capitol Street, Suite 120, Houston, Texas 77002** [phone 713-520-0155].

## **awards**

MGMC reception and awards presentation will be held on Friday, **29 April 2011** at ArCH (ARCHITECTURE CENTER HOUSTON) **315 Capitol Street, Suite 120, Houston, Texas 77002** [phone 713-520-0155]. Winning entries will be displayed in an exhibition through 14 May 2011.

Design is a creative process, and this is an ideas competition. Engineering calculations are not required for mechanical, electrical, or structural systems. All participants will receive a certificate of recognition from the American Institute of Architects. There will be a balanced evaluation by jurors from architectural, academic, and other relevant fields of expertise. Awards include college scholarships and scholarships to the UofH Architectural Summer Discovery Program. While the quality of presentation is important, any contestant of any ability may receive an award based on the strength of a concept or inventiveness of an idea.

### **Affix a label on the back of all boards and models with the following:**

Please type or print clearly

Individual or Group Entry – Student Name(s) – School Name –

Teacher Name -- Contact Phone Number/E-mail address

## Sustainable design strategies

### Site



state

Preserve green space or return developed land to more natural

Be aware of drainage, minimize potential erosion

Be smart about transportation

Be aware of extent of impermeable surfaces, eg; roads and paving

Be aware of the affect of your site on adjacent properties

### Water



Be smart about how much, and how you use and or reuse water.

Think about ways to conserve water.

Use native and adaptive plants, and minimize use of potable water.

Adopt water technologies that reduce amount of water used.

### Energy



Be smart about how much, and what type of energy is used.

Think about ways to conserve energy.

### Materials



Consider the impact of products used in the construction of the Building;

this would include materials with recycled content, salvaged, rapidly renewable and local materials.

### Indoor Environment



We spend the majority of our time indoors and we should optimize the quality of that environment.

Think about ways to bring lots of daylight into the building

Think about the types of materials you use inside the building and how they could affect the health of the occupants