

HOUSTON INTERNSHIP

DUE Wed, June 29 @ 6:00 pm

5 Schematic Refinement & Design Development

Based on the Schematic Design and Diagramming work you produced, now focus on refining the scheme and pushing it into design development. During this week, you will:

- **Refine previous work for development**
This allows you to further resolve any issues during the schematic design phase.
- **Identify basic structural system**
Identify structural system for each primary component...retail, housing, garage. You will later refine this. Hanes Whaley engineers will provide desk crits on this specific area.
- **Organize Parking layout and garage orientation, entrances/exits, mechanical systems for garage, structure**
Provide a general layout of your parking scheme.
- **Develop site needs and organization**
Show areas of open public / or semi public space in plan and how these would be developed.
- **Develop Schematic into Design Development Preliminary**
Focus on the overall project and give a more refined development of the elevations of this project. You do not need to develop the entire project, but you should clearly understand what this project looks like. Then show me the most significant portions.
- **Select HVAC systems**
This is your first attempt at what systems you feel are best to use in your project. Based on your evaluation and recommendation, we later refine these...or even change them completely. This enables us to determine where you all are with making these selections and understanding the systems available.
- **Create a preliminary cost table based on your teams assessment of how you think you would go about estimating the construction cost along with parameters that affect this.** This will later be refined, but it is best for us to get an idea of where you all are in your understanding of this.
- **Select portion of building to be developed in detail by each team member**
List each team member and the identification of building portion/use.