

HOUSTON INTERNSHIP

DUE Wed, June 22 @ 6:00 pm

4 Diagramming and Schematic Design

Based on your revised program and site analysis, provide the following:

Diagramming: (All diagrams must have a color coded relationship as a basic vocabulary used throughout the project this summer.) Develop:

- **organizational diagrams** addressing relationships and space requirements.
- **floor plate diagrams** expressing typical space functions (public, private, semi-private)
- **site diagrams** with color coding addressing public, private, and semi-private spaces. (Both Interior and Exterior)
- **site function diagrams** expressing relationship of these functions to surrounding uses.
- **Site function diagrams 2** expressing relationship between site functions and proposed new surrounding functions.
- **Movement relationship diagrams** expressing all aspects of movement addressed by site and related to site.
- **parking diagrams** expressing basic layout of parking required for project.

Schematic Design: Address all aspects of schematic design for the project as defined by the team's program and site analysis.

Included must be the following, but not limited to this alone:

- **Elevations** (All four exterior elevations as well as critical interior elevations).
Note: All typical conditions can be so noted and do not require complete drawing details at the schematic level, but you must indicate enough elevation to understand the scale and spatial relationships.
- **Floor Plans** (Again, you do not have to refine the floor plans with detailed layouts of the entire development. You do need to have the overall diagram worked out and should include typical floor plan ideas. This means you will have to look at how the uses are integrated and separated, how you deal with the transitions at streets and your basic parking diagram).
- **Site Extended:** That area defined by the team as critical to the site development of the overall project.
- **Site:** That area immediate to the defined property lines that addresses critical relationships.
- **Sections** (basic sections indicating most critical aspects of structure and space relationships to indicate a clear understanding of the construction methods)

- **Parking Solutions** should be laid out in schematic format. Make certain you are meeting the parking requirements for the project to meet code, the entrance and exit requirements and all ADA requirements along with functional and code compliant parking solutions. You do not have to have this completely worked out, but remember, when you move into your final design drawings, if you have to change something major here, it can affect the overall project in a big way.
- **Landscaping elements:** you should determine the basic needs for the landscaping of this site. It doesn't mean you have to know every plant you will use, but understand typical solutions for the urban context and be able to clearly identify the locations for vegetation and shade
- **Urban Design Elements:** this includes the solution to address shading, street access, street lighting, paving patterns, ADA requirements, transitional zones, etc...