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~~XXXXXX~~

REQUIREMENTS FOR SIMULATION OF

OF SAN FRANCISCO

WATERFRONT

Each student will be required to do six projects ~~at least~~ !

One large building, two medium buildings, and three small projects.

Approximate definitions of project size; according to
~~Definitions of project size sizes:~~ total ground area covered
by buildings:

Large project: 15 - 40,000 square feet of ground covered,

Medium project 5 - 14,000 square feet of ground covered.

Small project 1 - 4,000 square feet of ground ~~xxx~~ covered.

So that you are not forced, by the rules, into changing the size of a project to meet class requirements, ~~xxxxxxx~~ and so that you can also do work which is consistent with your own level of skill, we shall be flexible in the interpretation of these sizes, but we shall classify each one of your projects as small, medium, or large, formally, and we shall expect each person to produce one large, two medium, and three small, by the end of next quarter.

Also, in some cases, projects may not consist of buildings at all... but of some other kind of development. In these cases, we shall ~~xxx~~ classify the projects, by ~~roughly~~ considering their overall scope, and probable construction cost.

^{you}
Of ~~these~~ six projects, we shall expect that ~~two are brought to a very complete stage of development, and x~~ the large project, and one medium project, are brought to a very complete state of development, and that one medium and three small, are brought to a lesser stage of development.



~~SUBMISSION OF PROJECTS~~

~~Each student will be required to submit six projects at least: One large building, two medium buildings, and three small projects.~~

Each student will be required to ~~submit~~ do six projects at least: One large building, two medium buildings, and three small projects.

~~The~~ Each project must be submitted for ^{approval} ~~approval~~ at four stages of development, which are:

1. Initial vision.
2. Urban structure.
3. Rough building plans.
4. Final building plans.

At each stage, the project must be submitted formally, ~~in~~ in the manner explained below, and ~~reduced~~ reduced to a scale which can be ^{shown on} ~~shown on~~ 8 1/2 x 11 paper.

At the time the initial vision is approved, we shall also give you a series of deadlines, for the completion of the four stages, ~~and the project will be dropped~~ with the un-erstanding that the project will be dropped, if these deadlines are not met.

STAGE ONE: INITIAL VISION

~~INSTRUCTIONS FOR SUBMISSION OF PROPOSALS.~~

~~Initial vision~~

~~1. Initial submission.~~ A verbal description of the vision you have, ~~xxxx~~. At this stage, you only need to tell us, in very rough terms, what you see, what is happening there, and how large it is. This can be This must be a genuine vision... that is, something you could easily explain to a five year ~~xxx~~ old child, or to an 85 year ~~xxx~~ old person... and with a dreamlike character,,, -childish, if you like, in quality. In order to make this stage as unihibiting as possible, you can do this on the phone, any time, day or night. Once we accept it, ~~xxxxxx~~ we will ask you to write a verbal account, which explains it clearly, and to put it on file, so others can see it, and ~~xx~~ draw a very rough blob on map#1, so everyone knows what it is and that it has been approved.

~~Urban structure~~ A plan drawn at 1/100 inch to one foot.

~~2. Second submission.~~ ~~xxxxxx~~ which follows the rules of the urban game. Atk this stage, we want you to prepare a drawing, which shows the relation of this thing, to previous centers, which shows clearly ~~x~~ the yellow, black, green, red and purple, as in our test simulations, and which shows enough of the surrounding areas, so that we can judge its relation to ~~other~~ previous construction. You should also describe its height. ~~xxxxxx~~

We shall check the initial vision, to make sure it is consistent functionally, with the overall distribution of ~~functions~~ functions that we hope for in the site.

~~Maximum~~ The project must be submitted, cleanly typed, on an 8 1/2 x 11 sheet, with ~~at least~~ a paragraph explaining the vision as clearly as possible. The project will be given a project number which must appear ~~at the~~ at the head of ~~each~~ ^{the} sheet ~~submitted~~. Thus:

PROJECT 1xxxxxxx Initial vision.

(6)

STAGE TWO: URBAN STRUCTURE

pencil

At this stage, we shall ask you to show us a drawing of the project ~~xxx~~ site plan, at a scale of 1/100 inch to one foot, together with a very crude cardboard block model that shows the outline of the volume, at 1/32 inch to one foot ~~xx~~ so that we can see it on the great model.

This stage should be done ~~fx~~ following the rules for centering, and the rules for urban structure, ~~whixx~~.

It must show the building, pedestrian space, ~~gx~~ green space, roads, and parking, in ~~hxx~~ hatched black, yellow, green, red and ~~px~~ purple respectively, and ~~xxx~~ must be drawn in a way which clearly shows how it relates to previous centers~~x~~.

~~The~~ The overall height of the project should also be clearly defined ~~x~~ , -nd a very rough model made, which we can check on the great model. ~~x~~ This model should take ~~xxx~~ be very crude, and is purely intended for study. It should not include any bu-lding details, expect those that are specifically part of your initial vision... all detailed plan should be intorudced only when you come to stage 3. The purpose of this model, is to let us see how the project fits, volumetrically, into the city, and whether or not ~~ix~~ the overall urban structure of the site, is ~~hxxx~~ helped by this project.

can ink

When we have ~~an~~ approved ~~this~~ the ~~project~~ project at
 this stage, you must ~~submit~~ ^{drawn in} drawing of the project, ^{at 1/10 scale}
~~with~~ five colors, and showing relation to earlier
~~you must submit drawing~~ ~~shown~~
 centers, ~~and~~ ^{then} this drawing will be entered on map 2,
 so that other people can see what has happened.

The drawing must be on a sheet of 8 1/2 x 11 1/2, with the
 project number and phase clearly indicated at the top, thus:

PROJECT 15, Urban structure

STAGE THREE: ROUGH BUILDING PLANS

At this stage, we shall ask you to use the rules of building layout, to produce a rough set of plans, at 1/8th scale ~~and a balsa model at 1/32 scale~~, and a ~~balsa~~ balsa model at 1/32 scale, for temporary insertion into the great model.

~~At~~ At this stage, the building must have ~~should~~ should have a realistic plan, with internal spaces, clearly indicated, but without building structure or ~~elevations~~ elevations yet being developed.

~~Once~~ If the project is of a kind not covered by the rules of building layout, then we shall ask you to use your own intuition, ~~together with~~ together with the pattern language in the printed form, to make sensible decisions.

~~Once approved, you may go on to prepare your final drawings in stage four~~

Once approved, ~~as~~ we shall ask you to prepare a rough balsa model, for temporary insertion into the great model, so that other people can see what this project is like, and can then relate their own further projects, to the form of your building.

~~Submission of Final Plans~~

STAGE FOUR; FINAL BUILDING PLANS

At this stage, we shall ask you to use the ~~rough~~ rules for structure, to define the complete building ~~and~~ completely, at the level which would normally be called "development phase" in architectural jargon.

~~It~~ Specifically, we shall ask you for the following drawings:

- * ~~Plan~~ Site plan, at 1/100 ~~inch~~ scale.
- * Floor plans, at 1/8 scale, ~~for each~~
 - Ground floor plan, at 1/8th scale.
 - Upper floor plans, at 1/8th scale.
 - ~~and~~ Two sections, at 1/8th scale.
- * Four elevations, at 1/8th scale.
 - A drawing showing structural bays, at 1/8th scale.
 - Structural details, at 1 1/2 inches to one foot.

When these drawings have been approved, we shall ask you to submit these drawings, ~~and~~ reduced to submit photostats of these drawings, reduced to 8 1/2 x 11 sheets, the photostats prepared at your own expense.

In the case of the ~~two~~ two ~~and~~ complete projects, we shall require all the above drawings. In the case of the four "minor" projects (one medium and three small) we shall only require ~~the~~ those drawings marked

with an asterisk, and we understand that they will be essentially "made up" merely so that you can build a nice model, and without careful thought about internal structure.

In all cases, we shall ~~then ask~~ ask you to make a wood model of the project, ~~and~~ ready for insertion into the great model. This will replace the temporary balsa model made in stage three.

RULES OF THUMB FOR SCHEDULES.

~~After the above phases are completed, you must have a rough model~~

Phase 1 is completed, when we accept, verbally, your proposal, and enter ~~it on map #1~~ your name on map #1.

Phase 2 is completed when ~~you hand in~~ ^{we accept} a typed ~~verbal description~~ ^{verbal description},

a drawing at 100th scale, and have a rough cardboard ~~model~~ ^{model}

at ~~32nd~~ ^{32nd} scale. In general, you will have ~~two~~ ^{two} three working days

for acceptance. This means you must, in general, show us something

on the ~~next~~ ^{after phase 1,} day ~~with~~ ^{with} two days for revision.

The phase two document which is handed in must be typed, on

~~six~~ ^{six} 3x11 paper, ~~with the plan drawn in ink~~ ^{with the plan drawn in ink}, with the s

plan drawn in ink, showing buildings, pedestrian space,

gardens, roads, and parking (with standard conventions).

You must give us two copies of this document, one original and

one xerox, both punched with three hole punch so that they can

be inserted in the class folders. When we accept this

document, we shall at the same ~~xy~~ time ask you to trace it

~~into~~ ^{into} map #2. (please note * on next page)

Phase 3 is completed when ~~you hand in~~ ^{we accept} rough 1/8th

scale plans, and you then build a modified cardboard model

for the site. ~~According to project~~ ^{According to project}

size, you will have the following numbers of working days

for acceptance of phase three:

- Small project 2 ~~day~~ working days
- Medium project 3 ~~day~~ working days
- Large project 5 working days

Phase 4 is completed when we accept your final drawings and final model. The final drawings must be drawn at 1/8th scale, as specified on previous class handout, and must then be reduced to 8½x11. What you hand in must be the reduced photostats, done at the university photographic services.

In general, you will have the following amount of time for completion of phase 4:

<u>Small project</u>	2 days
Medium project (sketch)	3 days
Medium project (full)	10 days
Large project (full)	15 days

* Note on phase 2. The verbal description of the project must include a statement of the square feet of construction in each category- (i.e. apartments, shops, office, etc, including parking) - *see cover sheet*.

GRADING

To receive a grade, you must do one large, two medium, and three small projects. You will not receive a grade until all six projects are completed.

Within the grade, these six projects will be weighted as follows:

Large project, fully executed	30%
Medium project fully executed	30%
Medium project, sketch	10%
Small project, sketch	10%
Small project, sketch	10%
Small project, sketch	10%

In addition, within each of these projects, half the grade will be for the internal quality of the project, and half the grade will be for the extent to which the project is helpful to the whole and helps other nearby projects.

In order to complete all six projects, you must produce, and have accepted, one project, on the average, every eight days working days.

Even if you are still finishing the drawings or model of a previous project, you must still bring in your next projects, in order to keep up.

Another way to look at this, is to recognise that we must receive, and accept, two projects per day, in order to keep up... ten per week, ~~one per day~~