

Make a Base Map

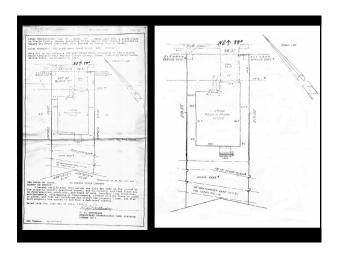
- Large paper 17" x 22" or 22" x 36"
- Scale $-\frac{1}{4}$ " = 1' or $\frac{1}{8}$ " = 1'
- Include

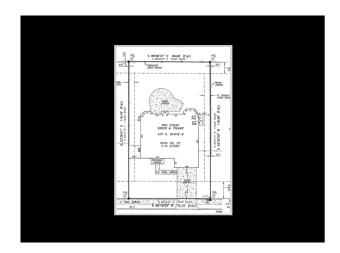
Name Lines showing right of way

Date
Scale
NSEW Arrows
Boundary Lines
Lines showing setbacks

Easements
Permanent Structures
Neighbors

Highest and lowest altitude





Observation

- · Walk the site
 - Take photos
 - Noise
 - Note wind directions
 - Soil collapse
 - Surface water flows
 - Sun/Shade patterns
 - Views



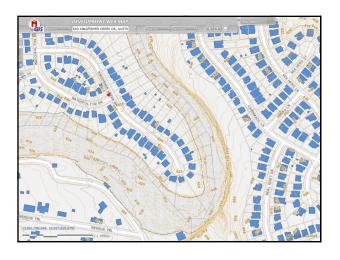






Research Your Site

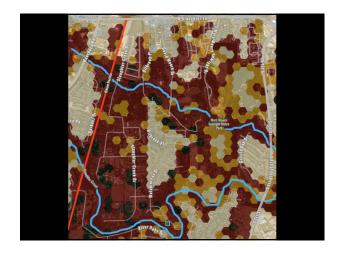
- Legal
 - What are you aloud to do
- Possible Catastrophes
 - Fire
 - Flood
 - Wind
 - Dig protection and soil collapse
 - Traffic crash











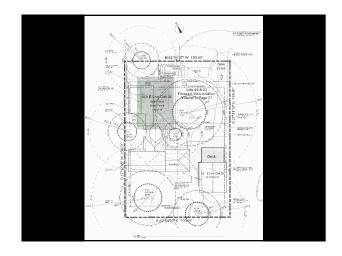
Also - a wall may require building permits/etc and you need to be 100% certain about setbacks, easements, etc. We all have buried utilities in the neighborhood and the city doesn't allow permanent structures (like a stone or brick/block wall) on top of utility easements. That may not affect where you are thinking of building, but it might. If you don't know for certain, that could end up causing you a lot of pain and money later if the city decided to enforce the code or ever had to work on utilities in that easement. Just us taggesting you check on that first before you commit yourself too far...check city code & also your property survey (should have gotten when you purchased you thouse) for easement locations. Everyone has some utility easements, but their location will vary dramatically based on where services come into your property from the city lines. (Phone, Water, Sewer, Gas, Electric, etc.)

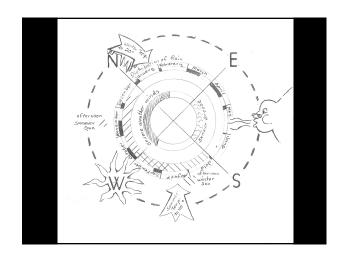


Make Analysis Maps

- Aerial photo to scale
- Site observation map
- Destruction and removal map
- Climate map
- Tree survey and vegetation map
- Soil map
- Utility map
- Topography map



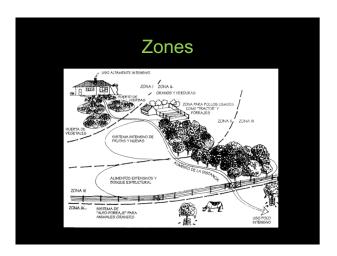


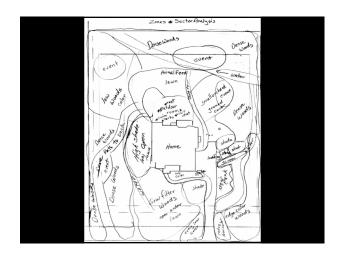


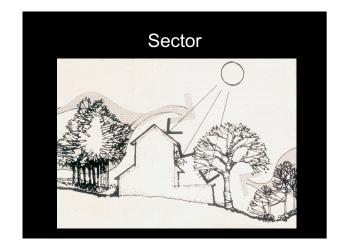


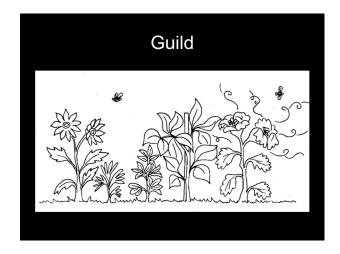
Wants and Needs

- Needs are things you must have or the design simply won't work for you.
- Wants are things you would like to have, but if necessary you could do without.

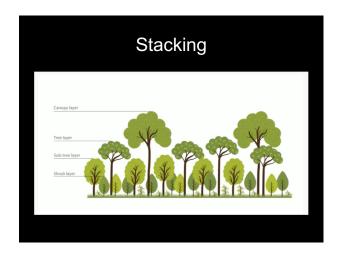


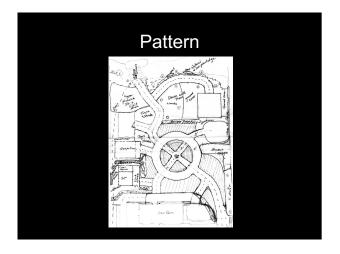












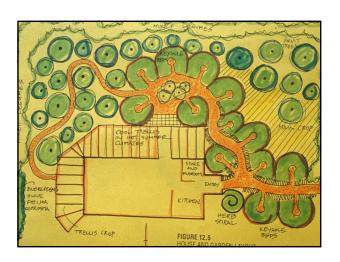


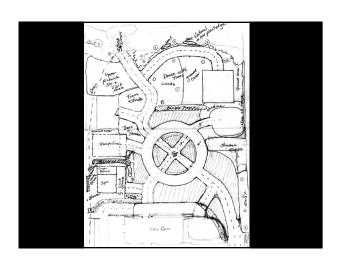




Create Bubble Diagrams

- Shapes with captions show placement
- Lines show flows between elements
- Show zones (distance) and sectors (direction)
- Do them quickly
- Do several
- Combine the best ideas into one final bubble diagram





Make a Program

- List elements to include
- List design goals

Create Your Final Design

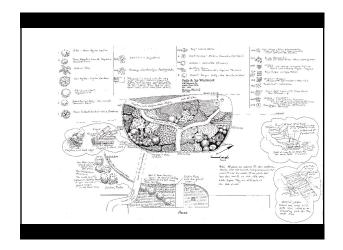
- Draw your design over a copy of the base map
- Take time, make it look good
- Use overlays for utility details
- You can make separate drawings for hard surfaces and plants
- List elements separately

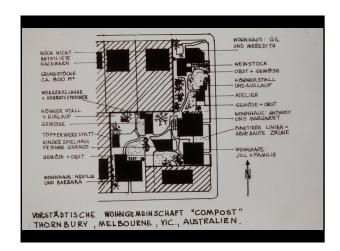
















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