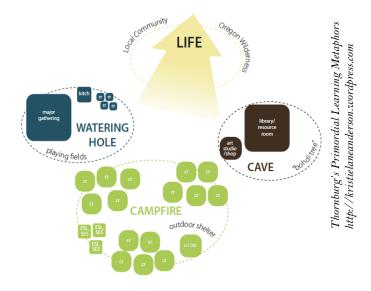
university of oregon – school of architecture and allied arts – department of architecture arch4/507 terminal studio preparation seminar – nancy cheng

Assignment 6:

Programming Essence

- W 11/04: Draft & wood due
- W 11/11: Site models, analysis due
- W 11/18: Site/Program PDF due

A richly conceived building program can elevate the quality of an architectural design project. Step into other people's shoes and craft a utopian, yet plausible future for them. Look deeply into client values, activities, and aspirations to envision new social arrangements and re-invent life's rhythms and interactions. Group pre-design activities:



- 1. **Research the place:** what is needed for social, economic & ecological sustainability? What is nearby, what needs to be supplied? What waste streams can be a resource?
- 2. Document the site: Create base drawings, digital site model & physical site model.
- 3. **Research building types and activities** through site visits, books, interviews and competition descriptions. Study regional & global best practices.

Document activity space needs Diagram spatial relationships with multiple-use spaces Show time-based cycles (diurnal, seasonal, annual, generational...).

4. Organize program information.

- **Summarize** with a matrix of Place, Activities, Character, & Relationships. Include images that encapsulate the emotional essence.
- **Quantify:** Make a spreadsheet to estimate the area for each space, then total, multiply by a net-to-gross ration, check to see if site coverage and FAR make sense.
- **Portray**: Who are the existing and potential inhabitants? Create character profiles that show 24-hour usage and needs.
- 5. **Display** your work with the class layout template. Upload as PDF to the course blog.

PLACE	ACTIVITIES	CHARACTER	RELATIONSHIP
Big Gathering Space Community Terrace. size: big enough for whole community to gather plus some. Approx. 35 x 35 ft	 kid's p lay community BBQ eating dancing maypole dance craft and projects music hanging out & talking ceremonies & presentations weddings 	 partially covered w/roof variety of chairs hard surface green landscape cob oven 	 adjecent to CH flow from Dining Room herb and/or rose garden integrated protect from SW winds sunny view into community view of woods /trees
Kids Playground /sandbox for kids under 6-7 years old and some tot area	 climbing structure swing jumping area 		 within sight of CH separation from traffic adjacent to common gathering space

from Corvallis Cohousing program by Kathryn McCamant and Charles Durrett of the Co-housing Company, Lisa Petterson of SERA Architects. <u>http://design.uoregon.edu/studio/coho/site%20analysis/coho-program.pdf</u>

READING:

- Kathryn Anthony's <u>Programming by Design</u> (unpublished document on library reserve)
- Henry Sanoff's free School Design <u>Visioning Process</u> and <u>Assessment Methods</u> include many techniques for involving stakeholders in clarifying learning approaches and environmental preferences to support learning. <u>http://www4.ncsu.edu/~sanoff/schooldesign/</u>
- UO Allan Price Science Library Renovation: <u>Vision statement</u> by Shepley Bulfinch and <u>Conceptual Design</u> by Pivot document client aspirations, programming process, furnishing space requirements and design recommendations. <u>http://uplan.uoregon.edu/projects/Project%20Sums%20for%20Web/PriceScienceCommons/PriceSciCommons_proj.htm</u>

SERS		te	1		
	Vet/	Teenagers	Adults		Retirees
Activities: - Arte School Programs - Art Classes - Dance, Drams, and Music Class - Parlomance - Drams - Music - Playing Dutdoors Uam is a very active six year old wit	Liam London	Drama Music Professional Professional			Activities: - Architeres: - Architeres: Architeres: - Architere
housing unit on site. After school h take are and dimme danse is he wait a be is full of energy his parents like rides to the park and around their ne London is a ten year old girl who low liftle perfections the comes to the and songs for her hig performances.	e often comes to the Cente s for his parents to get off w e to take him on walks and l ighborhood. es to dance and sing. As she	to some other transport within the negliotanood. As his freed, as to the Center after choids, he relinys taking drama, data music drazes with his freeds. Europhysical and a straight drama and a straight drama, data and a straight drama and a straight	often daughten performances. When traveling n, and use the Tri-Met MAX time is it stops right watching his daughten performance he performers as the theater has a sense of it ege to Lisa is one of the teachers who works at th grams ing here as there are variety of spaces to lideter- In addition she also has her own private likesto louge and kitchen when he is not teaching theat to louge and kitchen when he is not teaching	n front of the Center. While eels a connection with the ttimacy. e Center. She enjoys teach- nat are flexible to work in. office with easy access to a	year. As they have gates alider they realized long within the best option for them as they have easy access the everyday or public transportation to get around. Lauta and loain them always patients for the performing acts, but at always the always their family, they did not have their to pursue their interests when purgers. In provide the part entitle all on the location loain performing acts, but at the always the always have always and the second second second the loain performing arts.
MORNING		AFTERNOON	EVENING		NIGHT

Character profles by Chanel Horn, B.Arch.'11. Lower bands show building usage over a 24 hour period

Values	Goals	Facts	Needs	Ideas	
Human					
Environmental	More efficient layout	Currently separate department divisions are inconvenient	Financial services require public access for bill payments	Privacy heirarchy or spaces (Bill payment desk - Meeting rooms - Cubes - Safe & mail room)	
		Areas must be allocated to private meeting spaces	More interactive spaces for employees	Group entire department in one space	
	Accommodate clients Accommodate staff	Often have lunch meetings Most employees eat at desk	Proximity to restaurants Better lunch facilities	Provide break-out spaces Locate in established area Include cafeteria in city hall	
	Appropriately incorporate support facilities	Department uses a safe and mail room	Separate mail room and separate safe room	Inviting outdoor space w/ tables Locate in separate room	
Cultural	Connect to community	Often hold community meetings (1 - 100 people)	Variable sizes of meeting rooms	Large communal event room	
		Most people coming to city hall are there to pay bills	Easily accessible	Information marquee	
Technological	Access to Portland	Frequent meetings in Portland	Security presence Access to public transit	Street presence Locate near public transit	
in a second s	Access to Portiand	Prefer to take public transit	Access to public transic	Incentivize transit use	
Temporal					
Economic					
Aesthetic					
Safety					
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Buildings | Neighborhoods | Regions | Architecture | Planning | Landscape | Policy

Gresham City Hall Programming by Kate Casselman, Nicole Holt, Elizabeth Kilgore and Craig Race; supervised by Jean von Bargan. <u>https://scholarsbank.uoregon.edu/xmlui/bitstream/handle/1794/10387/ProgramStudy_ReportOpt.pdf</u>