

**University of Oregon**  
Erb Memorial Union Expansion & Renovation

User Group Meeting #4

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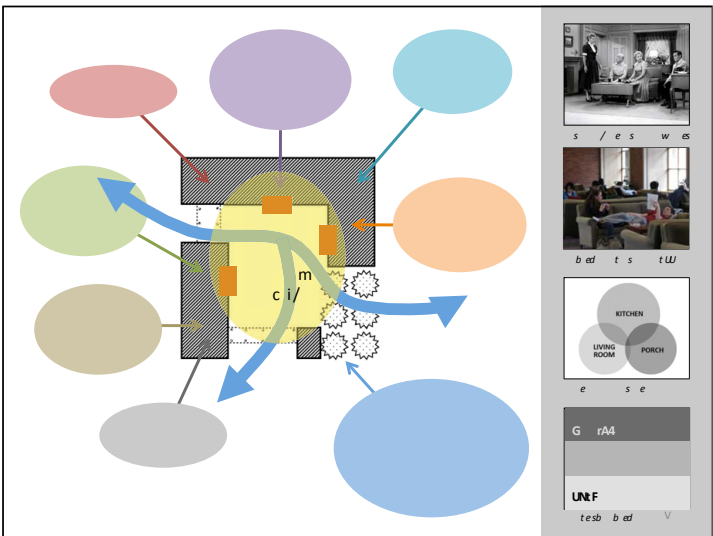
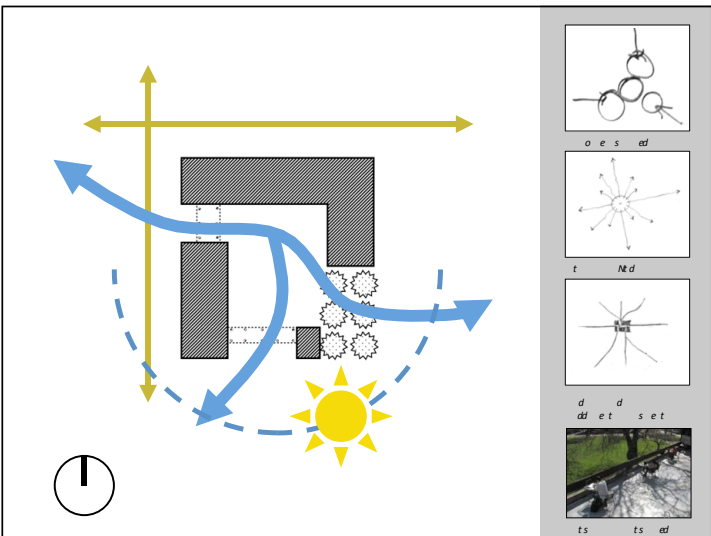
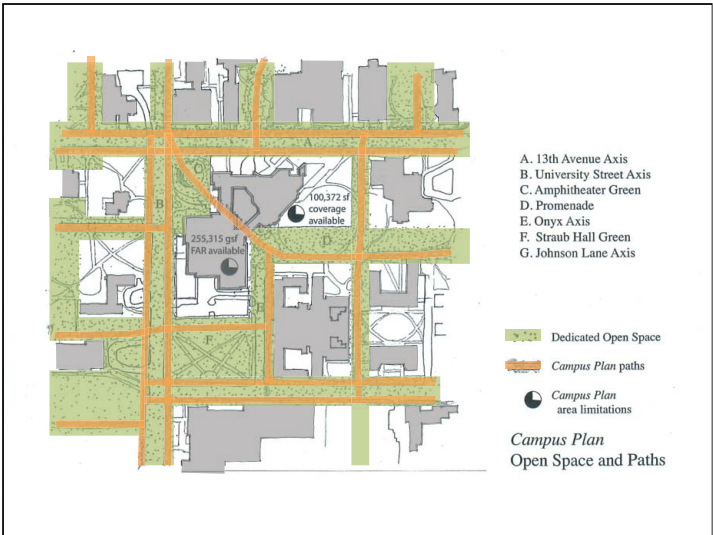
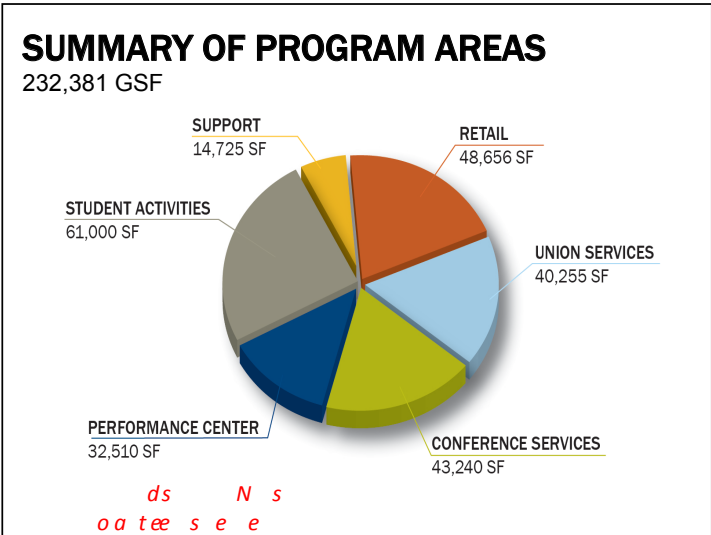


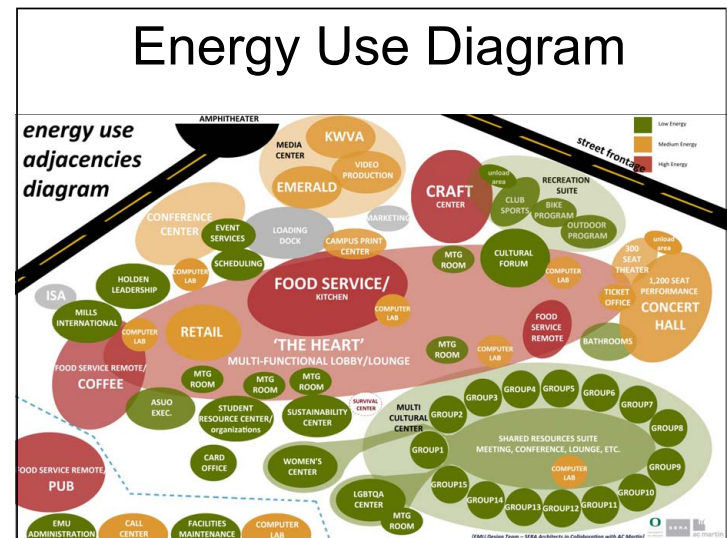
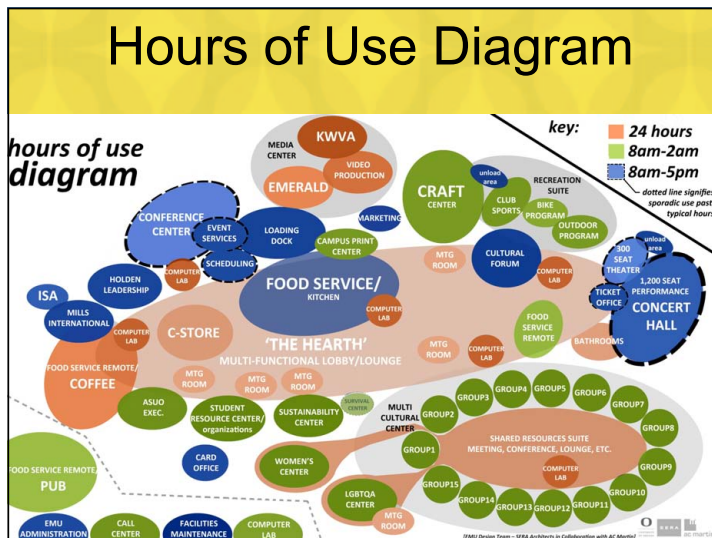
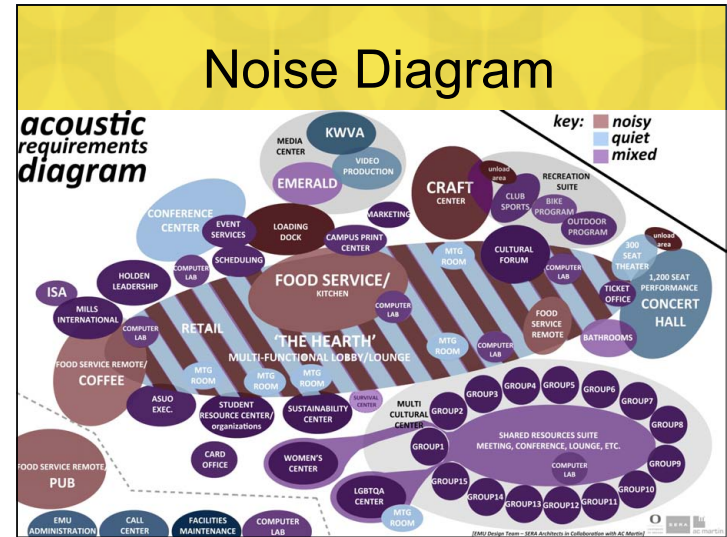
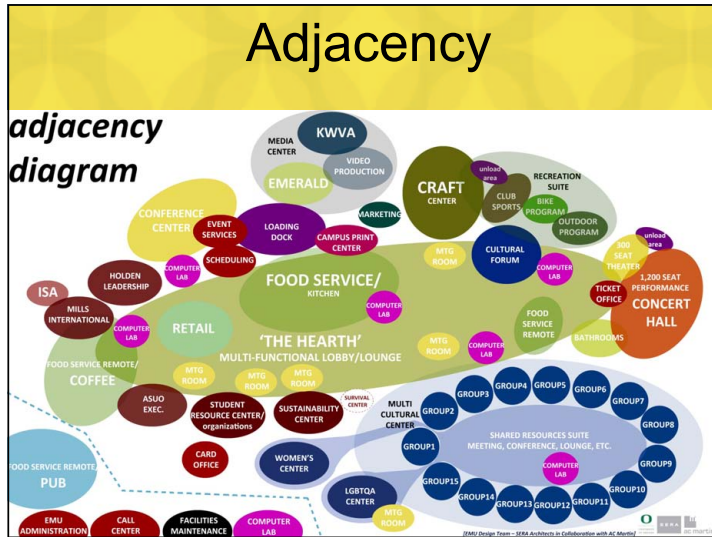
**STEERING COMMITTEE**

**PURPOSE:**  
Orientation

**STEERING COMMITTEE**  
Orientation

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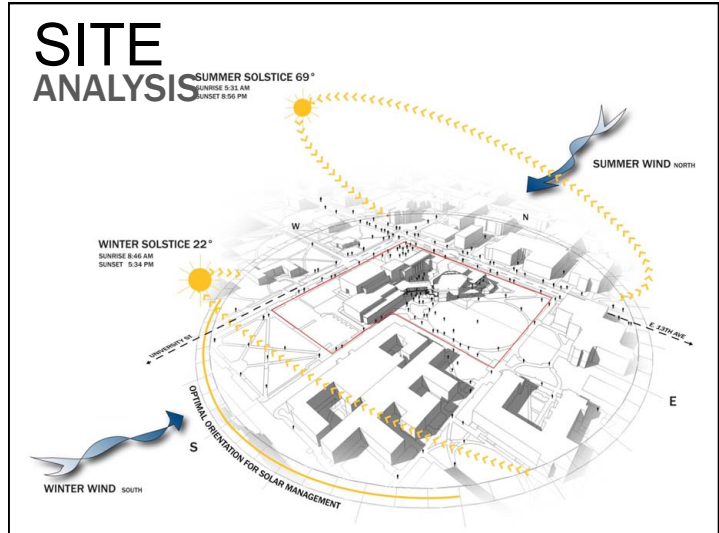
### WHAT TO SAVE



### WHAT TO SAVE



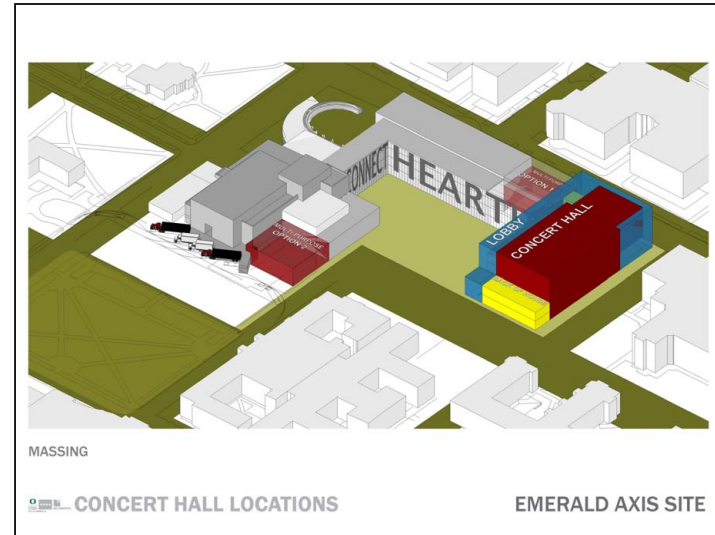
### WHAT TO SAVE



# ENERGY REDUCTION STRATEGIES



- Understand your Context
  - Climate
  - Base building typical energy use
- Load Reductions
  - Passive Systems
  - Daylighting
  - Building Envelop
- Right Sizing / Dual Use
  - Heat Recovery
- Target Key Systems/ Reduce Load
- Active Mechanical Solutions
- Occupant Engagement
- Apply Renewables



# QUESTIONS?



**University of Oregon**  
 Erb Memorial Union Expansion & Renovation  
 SERA Architects in association with AC Martin

# PROJECT UPDATES

**PURPOSE:**  
 Update User Group