Jameson/ArcWeld Building Replacement Project





Project Manager: Liz Korb Matson

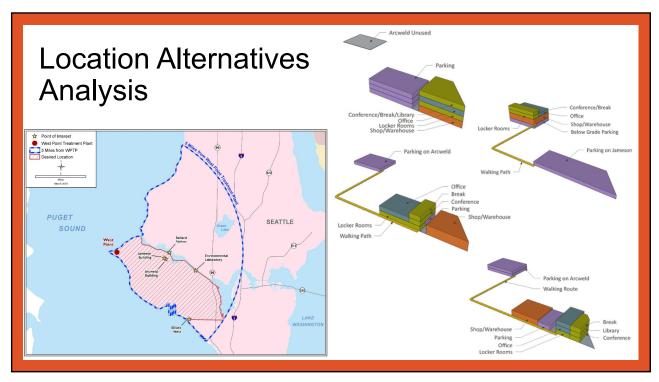
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Programming and Project Description

Build functional and healthy facility for current and planned future employees (~70 people) that meets County sustainability goals. Facility to include:

- offices
- crew work spaces
- locker rooms
- materials storage
- kitchen

- machine shop
- secure parking for all County fleet and some personal vehicles
- conference rooms
- electrical and instrumentation testing



Sustainability Rating Alternative Analysis

	Living Building Challenge	LEED Version 4
Scope	Building + Site	Building + Site
Certification Pathway	Petal	Platinum level
Level of Effort (E/M/H)	Н	Н

Salmon Safe	Envision	Passive House
Site only	Infrastructure only	Building only
Site design approach	N/A	Building design approach
M/E	H/M	H/M

These do <u>not</u> meet entire scope of project

Sustainability Rating Systems

	LBC Petal	LEED V4 Platinum	
Key Similarities	 Costs to achieve compliance Long-term operational cost savings (energy, water, worker productivity) High bar for building performance High level of attention to quality of indoor environment Directly addresses multiple County goals (e.g., GBO, SCAP, ESJ) Incentives through City of Seattle 		
Key Differences	Offers greater flexibilityHelps goal of 10 LBC projects	More prescriptive in how requirements get implemented	
Principal Challenges	Meeting Energy performance target during first year	High number of prescriptive requirements	

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Living Building Challenge Petals

Energy petal (required)

• net positive energy (105% supplied by on-site renewable energy)

❖Place petal

- build on previously developed site
- required to include urban agriculture
- encourage biking, provide electric vehicle charging

◆Beauty petal

design features that celebrate the place appropriate to its function



↔ Water petal

◆Equity petal

Materials petal





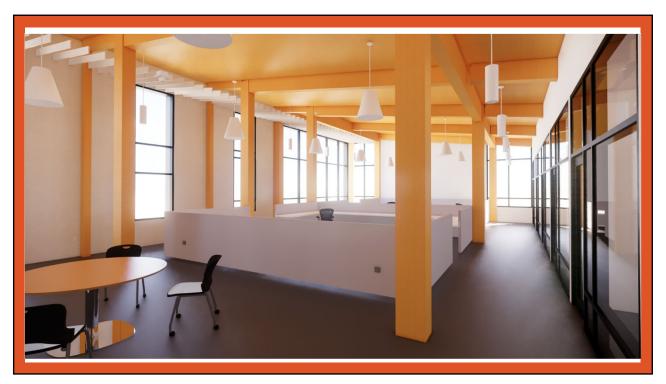
Looking southwest at the front of the building

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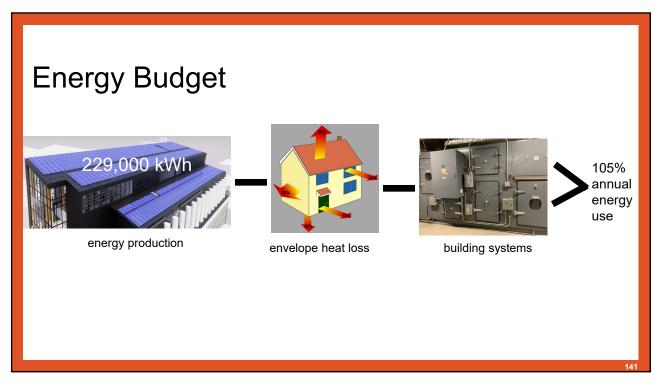




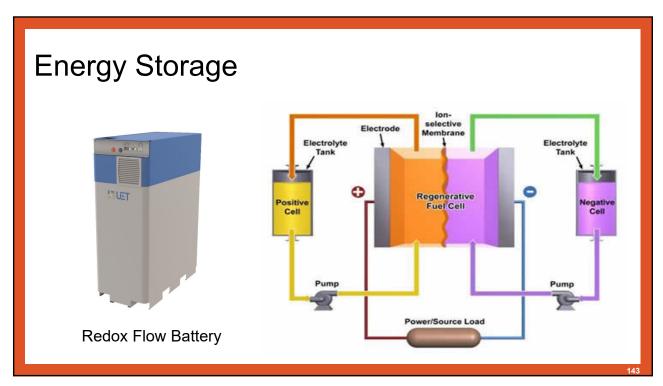


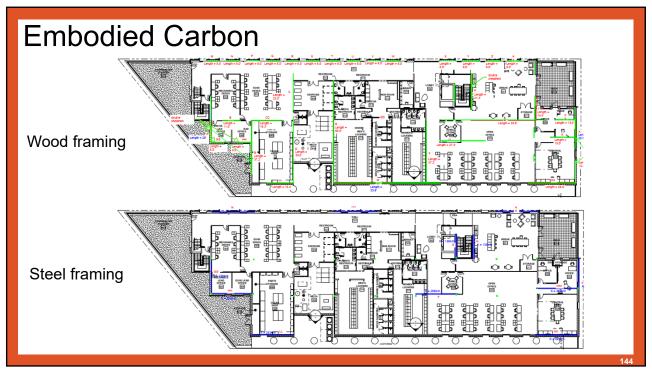












Community Relations and ESJ

- Focus on internal community
- Working with industrial neighbors
- Promote living wage jobs and recruit diverse workforce
- Create an equitable work space





- Safe and efficient access to personal and fleet vehicles
- Spaces for people dealing with health/personal issues
- Food storage spaces

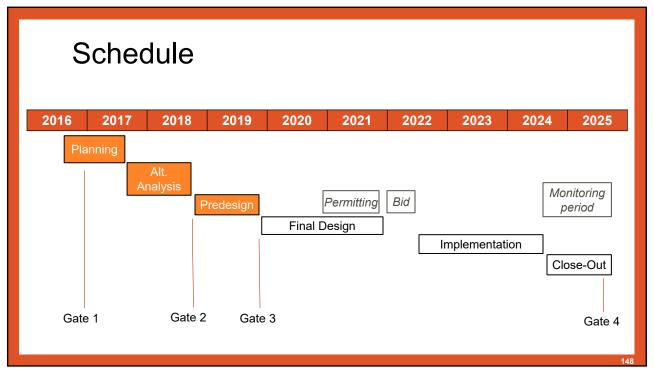


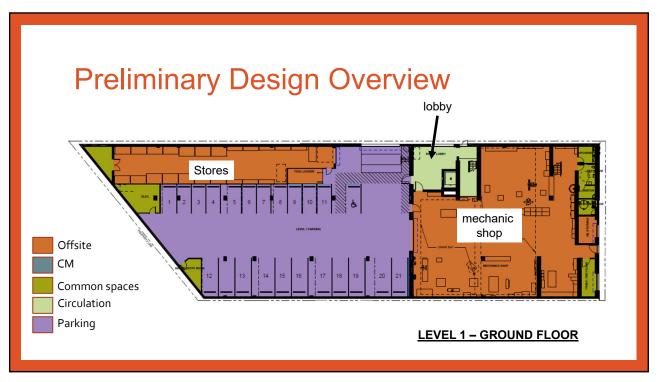
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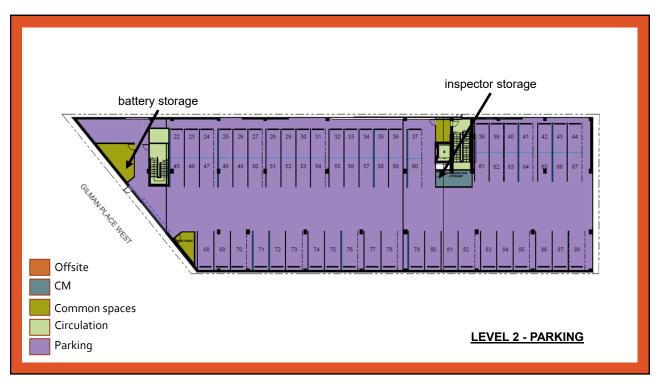
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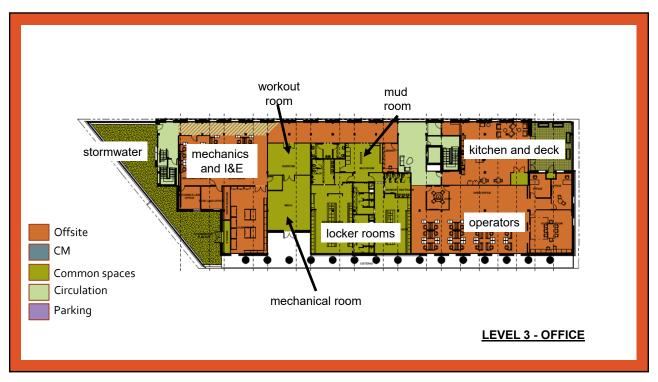
Questions

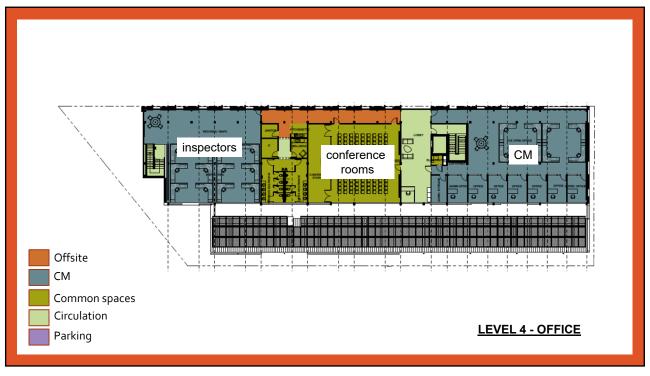












Introducing Management

- · Communicating early and often
- Showed that LBC petal certification and LEED Platinum were cost comparative and could get more value from LBC
- · Focused on hardest working employees





LIVING
FUTURE 19
collaboration - Abundance

#LF19

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Selected Alternative



Looking northeast at the building from Gilman Way

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