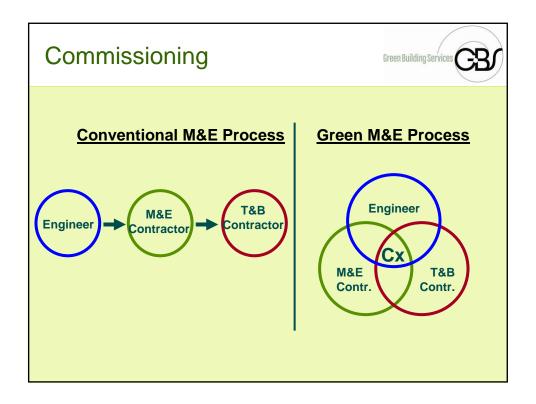
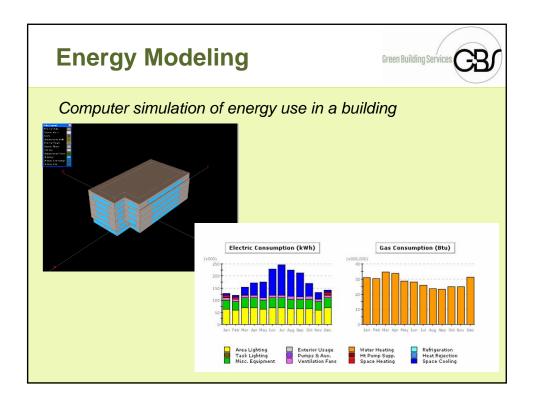
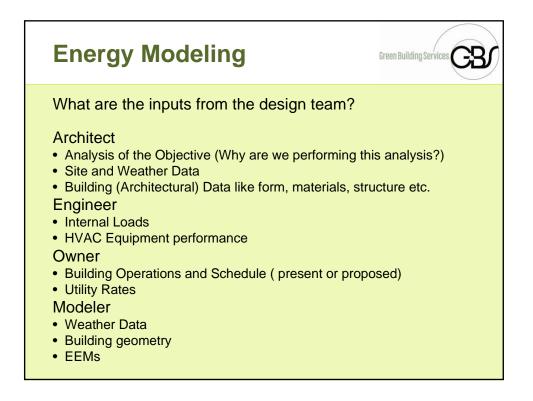


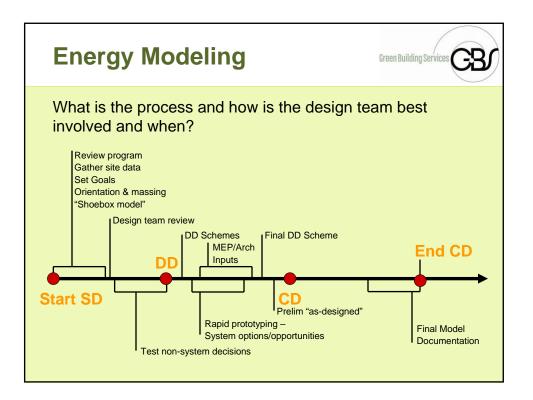
3. Understanding and Fulfilling the Constraints of the Server S

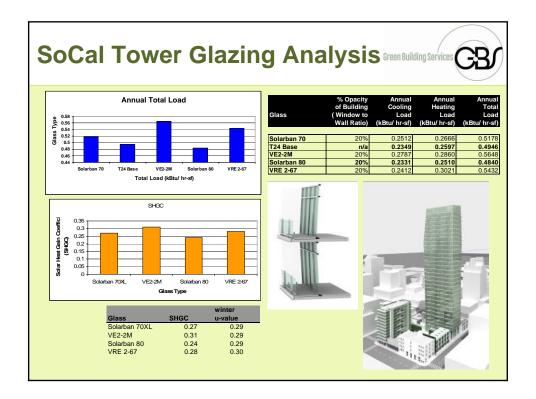


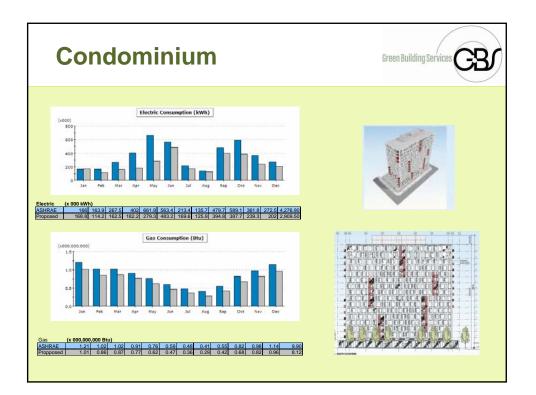


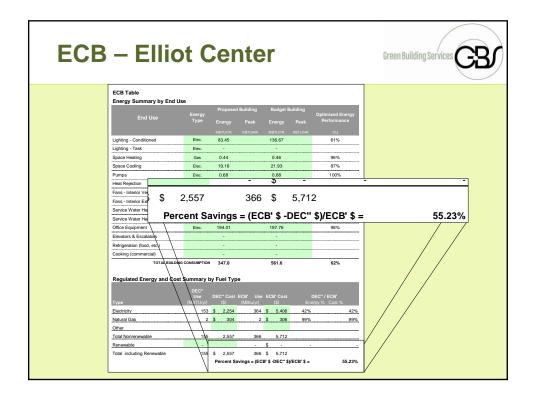


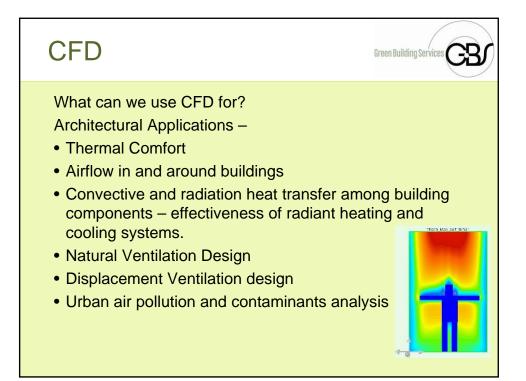


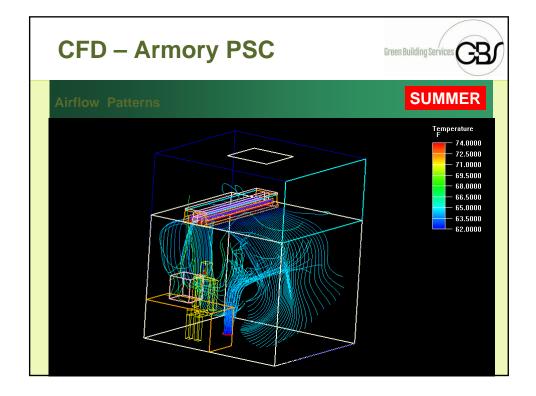


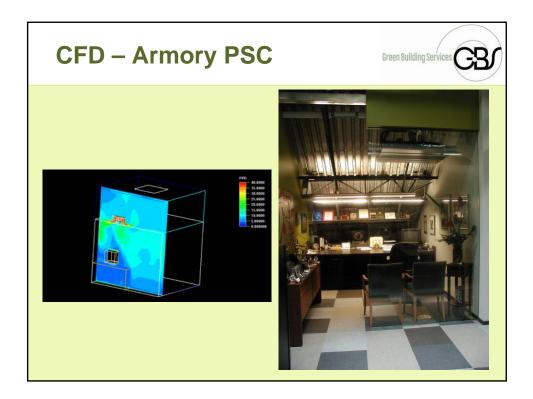


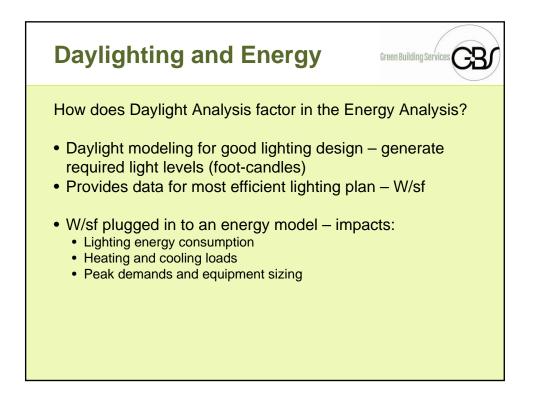


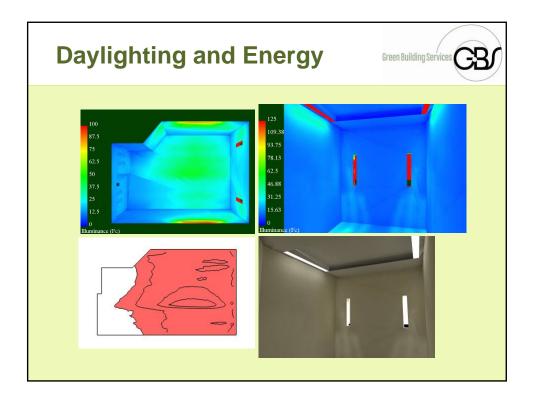


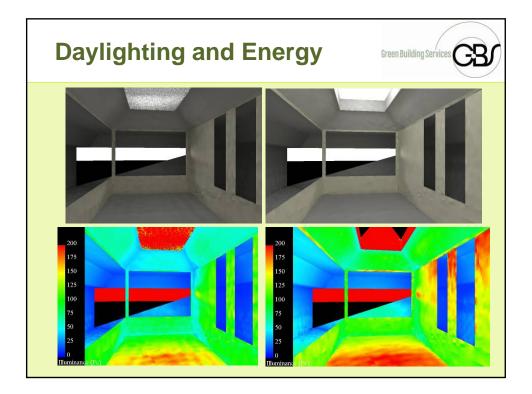


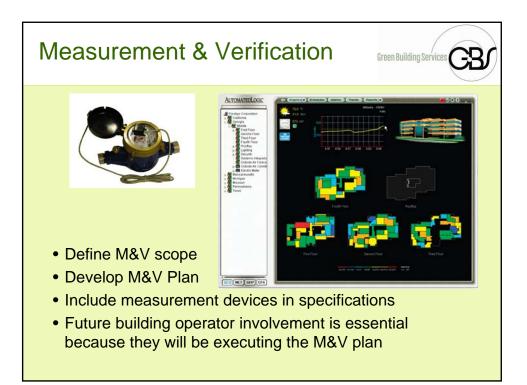






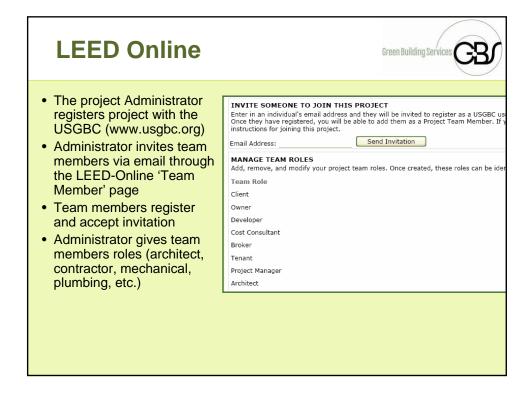


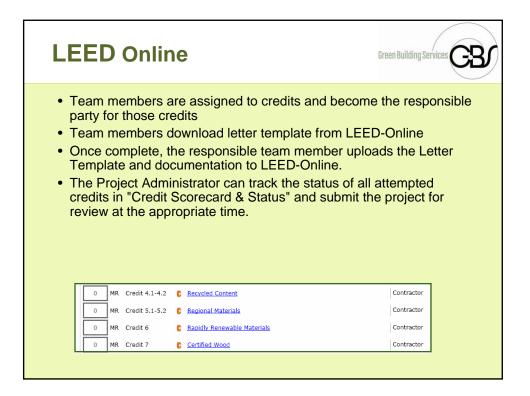


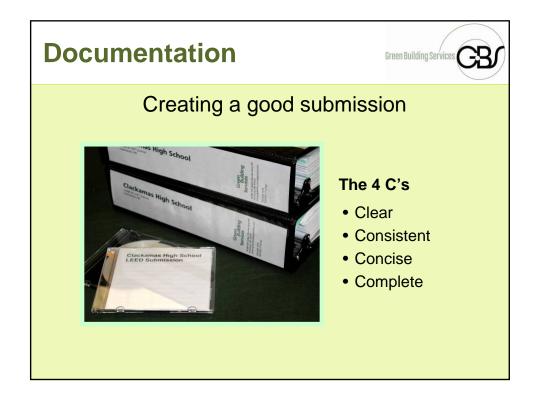




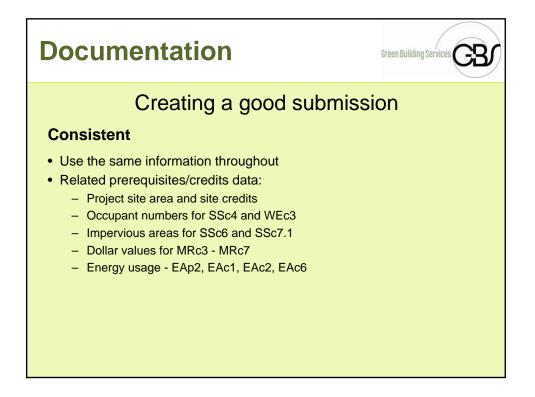
LEED Onlin	e is live!	Green Building Services
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Welcome to LEED-Online The login below is descined to allow invictory, glasse login below is managed the of "which are apprend to you." Under the same login and the same login below is managed to you. Under the same login at the USDEC Web allow. If you experiment and the same login below is the same login at the USDEC Web allow. If you experiment and the USDEC web	access to the LEED-Online. In the Project C-philosition process. Path has assigned you to your project; then bogin below to manage credits DOK THAVE AN ACCOUNT? Register a new Account with USBDC. A USB2C Web Site unemains and passenerd is required to access LEED- Online, Additionally, your Project Administrator must add you to a visid LEE Project. Register a New Account	-VS-
LEARN MORE ABOUT LEED RATING SYSTEMS		
LEED-NC LEED-EB LEED-CI	LEED-CS LEED-H LEED-N	Nav-



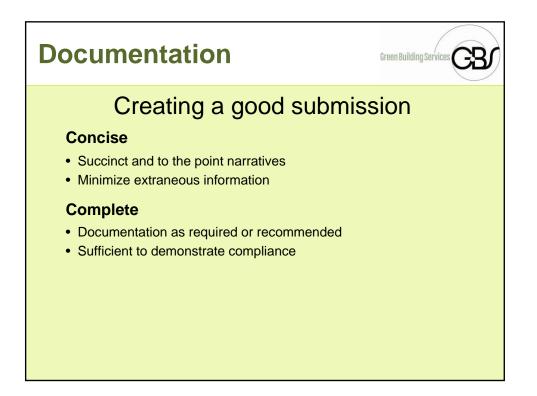


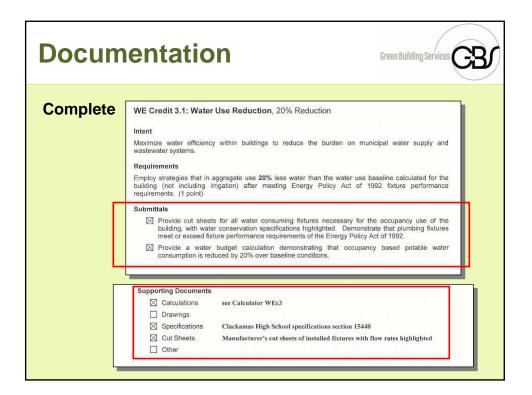


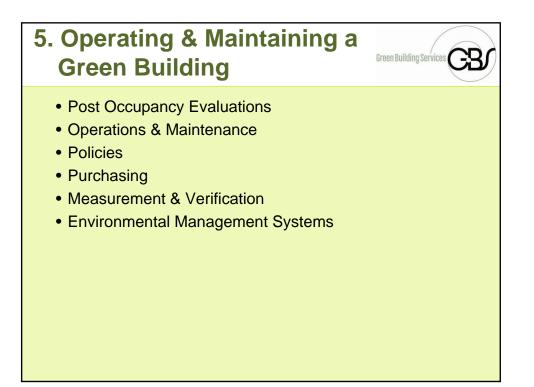




mentatio	on		Green Building Services	
tent				
Project Information				
Project Name	Bonneville P	ower Administration Ampere	e Annex	
Location	Ross Comple	Ross Complex, Vancouver, Washington		
LEED™ Project Number	1166			
Site Characteristics				
Site Area [acres]	.55 acre	Unbuilt Site Area [acres]	.48 acre	
Building Square Footage [SF]	3000 sf	Building Footprint [SF]	3000 sf	
Building Occupancy		Parking Characteris	stics	
Estimated Male Occupants	1	Parking Area [acres]	.13 acres	
Estimated Female Occuparts	4	Parking Footprint [SF]	.13 acres	
Annual Work Days	260			
		-		
Design Case Table				
Flush Fixture	Daily Flow Uses	Controls	Dccupants Use	
Dual Flush (Avg.)	7			
Male WC-1	3 1	.1 1	1 3	
Female WC-1	3 1	.1 1	4 13	

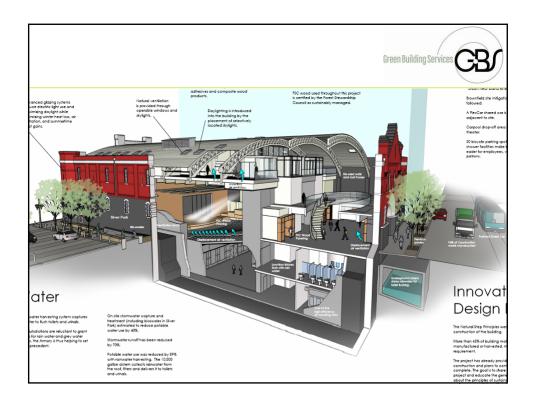


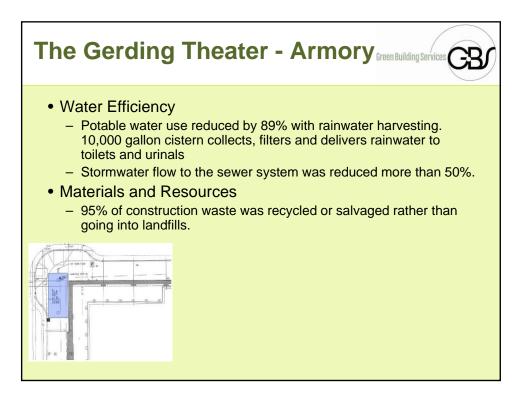


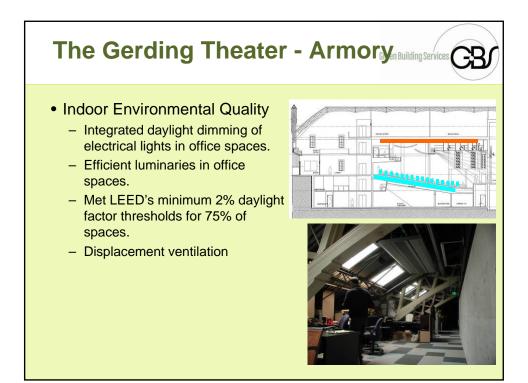




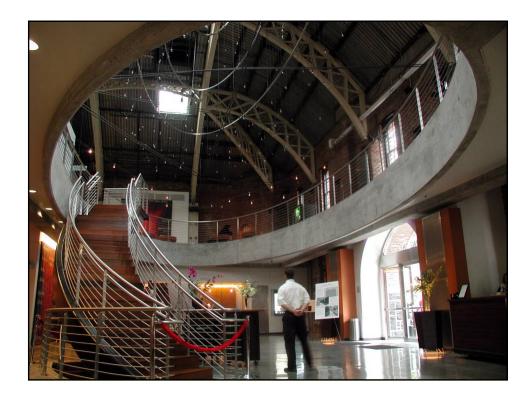
Case Studies	Green Building Services
Gerding Theater LEED Platinum 2006 PA: GBD Architects Project Size: 55,000 Sq. Ft. Project Cost: \$ NA	
LEED Credit CategoryAchievedSustainable Sites11Water Efficiency5Energy and Atmosphere10Material and Resources8Indoor Environmental Quality14Innovation in Design5	
Total 53	

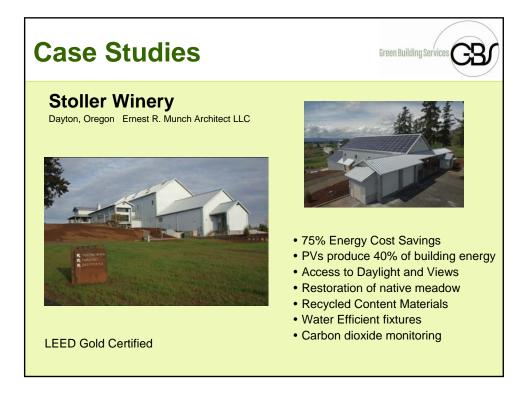






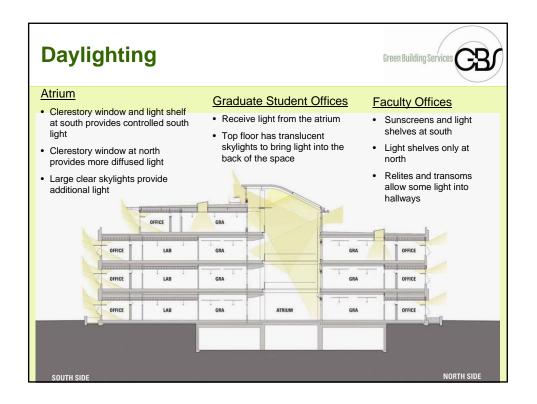


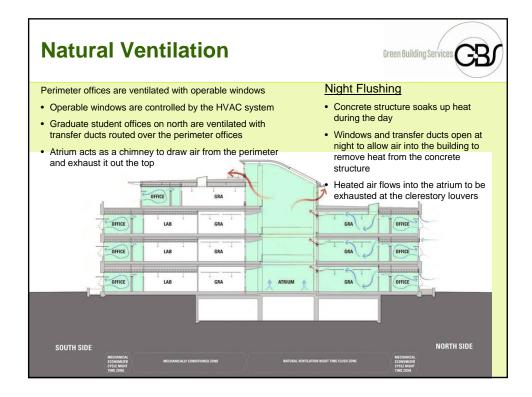


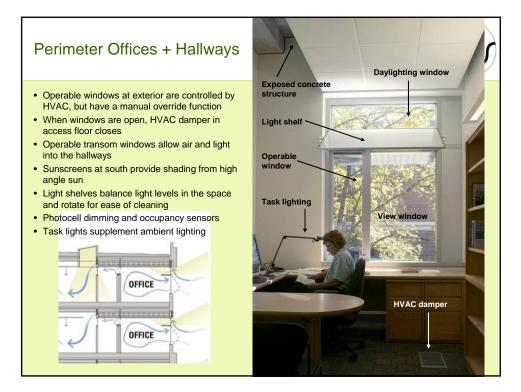


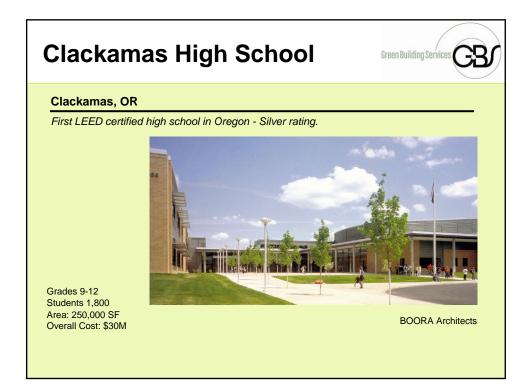




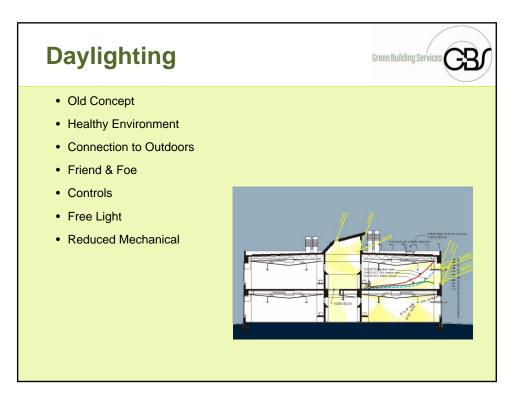


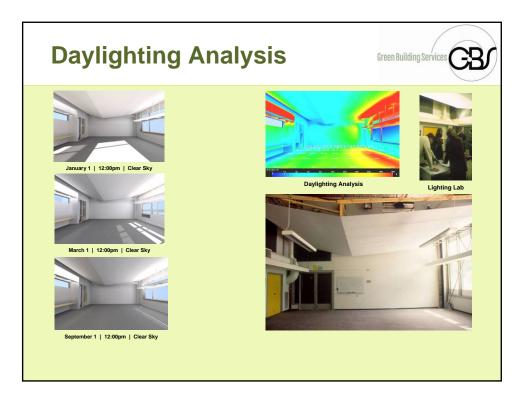


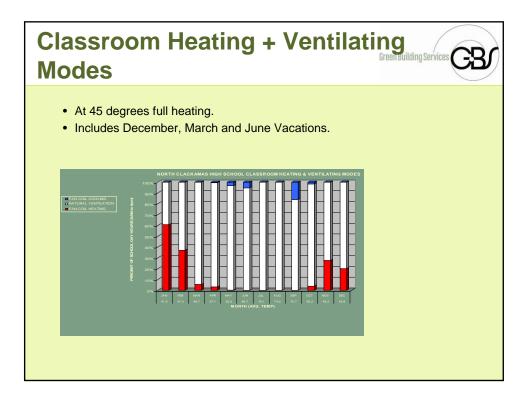


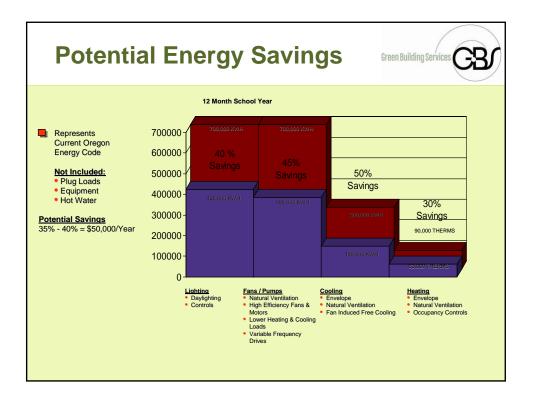




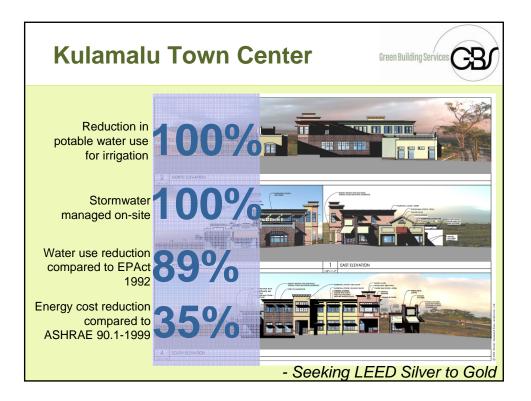


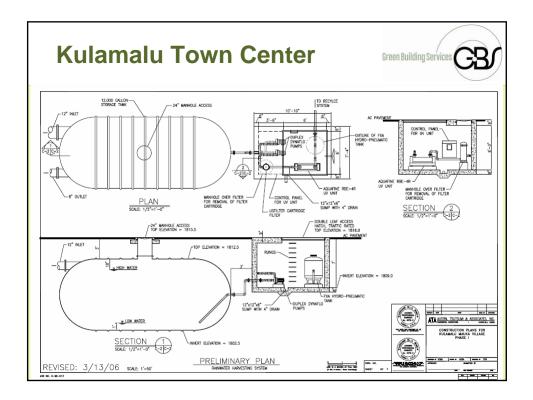




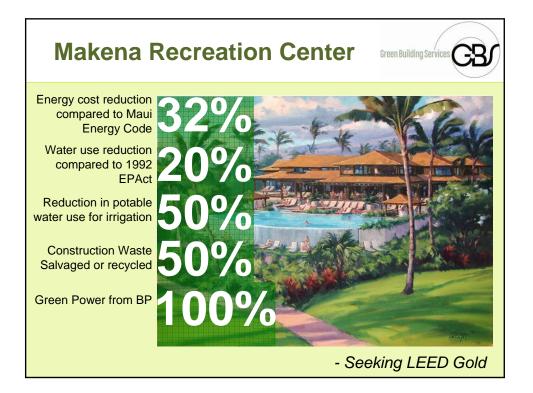


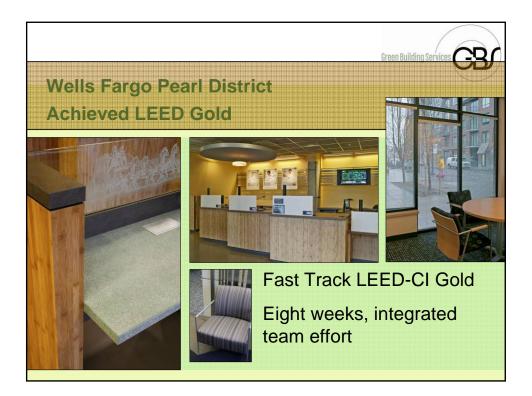










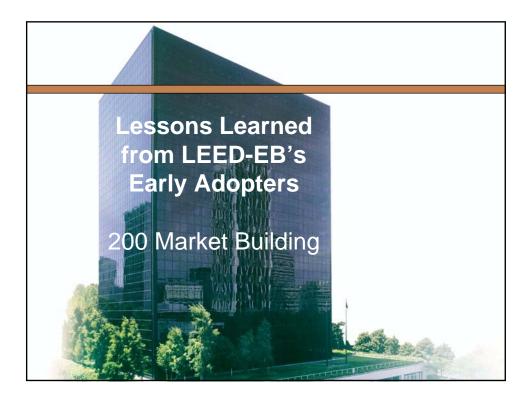


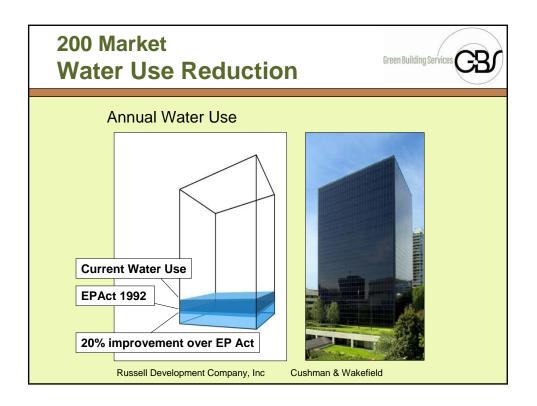
Wells Fargo Pearl District	At Wells Fargo's Pearl District store, our favorite color is GREEN for more than one reason. This store was built using a number of environmentally friendly practices and incorporates a number of recycled materials.	WELLS FARCO The Next Stage*
• Energy: lighting is 25% better than code	For instance: teation This store is baced in a dense urban setting with easy access to make items, sheet car and trievel. Finalities Million regret, environmentally sensitive product with an innovative backing system allow installation with no	
• Water: 63% reduction over EPAC	mate: Expanses colv & history flowing, 10% cold and 30% initiative, cold is a registry renewable resource. Mater Pare has also VCCs buddle argains compounds, which are the main component of indoor all pollutions. The face of likelity cold is functional a grant of the cold interval content. The American Sciences Cold in the cold interval content.	
• IAQ	The transaction surface of teller row is made of recycled newspaper and a no-VOC resin. The check weiling stand surface is made of incycled money and a no-VOC resin.	
- 100% of materials are low emitting	The acycle panets at the entrance and teller now area recyclidite polynomers. Forstance The magnetic of the Aventure is manufactured by literate Maler, a company this has been an innovator and leader in the development of sustainable familiare design and manufacturing. Consummon Demoking and construction water was recycled.	
- 96% of employees have access to views	Demotrators and construction worker was respond. Low flow forces were used to mornine water usage: All waters adherines paint and exotrings are low or no VOC, plus all Wels Farge stores are non-moleng all of which contributies to optimize a starting for emptypes and constructs. Despin Uptiming, heating and cooling systems were despined to maximum efficiency.	1
	Maintrum can of outual displaying personal tables, therepeate and engineerer and fieldbe lighting common all document and common anealy use. The electrical service is 100% types power." Forchom Wells Pargo suff recycle all paper cardiolatic glass and metals from daily operations. Wells Pargo suffixers all types housekeeping poporture and materials.	

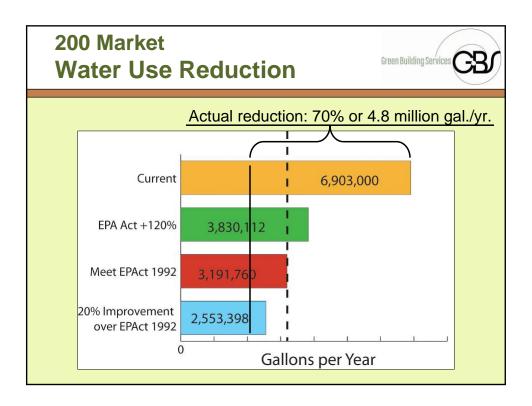


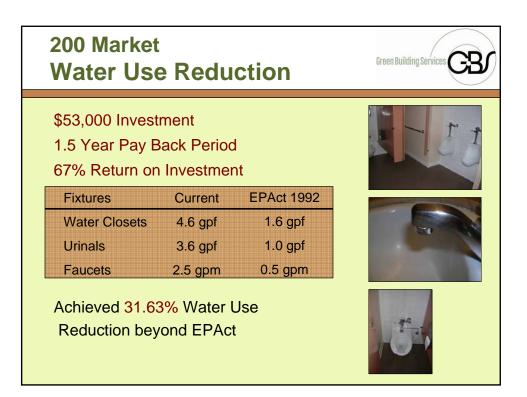




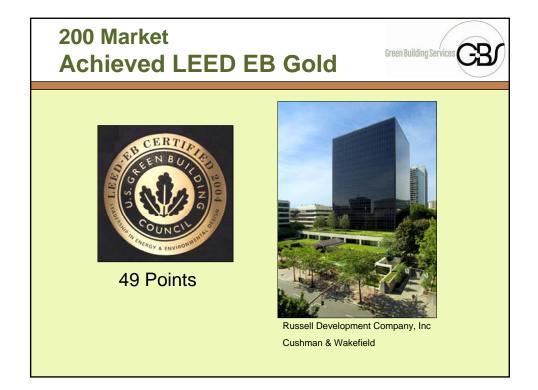
















	Oregon Convention Center Water Efficiency							
•	30% Water use reduction							
	Oregon Convention Center Water Usage WEp1 Baseline Comparison							
# 0	of occupants1	Annual Water Usage ^{2,3}	EPAct Baseline	LEED-EB WEp1 Bas	seline ⁴ Meets WEp1 (Y or N)			
37	94	9,581,277 gal.	8,404,892	10,085,870 gal.	Y			
1.) 2.) 3.)	Notes: 1.) Occupant numbers were obtained from Oregon Convention Center's facility's department. 2.) Annual Water consumption calculate by multiplying daily water usage by 365 work days per year. 3.) Water Usage was calculated using USGBC's LEED-NC v2.0 WEc3 calculation methodology. 4.) WEp1 Baseline is calcuated by taken EPAct Baseline Usage and multiplying it by 120%.							
	Estimated Annual Water Cost Savings (\$ US) Convention Center Estimated Annual Water Usage (gal.) Monthly Usage Annual Water & Sewer Cost							
	kisting Conditions ter Upgrades for	9,581,277 LEED-EB 6,668,608		798,440 55,717	\$88,216 \$61,270			
A	nnual Savin	gs		:	\$26,946			

