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www.eboxwood.com

Small Commercial Green Roofs: Design, Installation, and Maintenance

Presentation to
Green Roofs & Cisterns:
A Practical Design Workshop
March 15, 2006

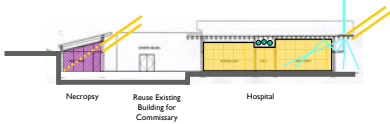
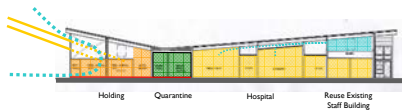
Stormwater Seminar

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POINT DEFIANCE ZOO & AQUARIUM ANIMAL HEALTH CARE FACILITY

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DESIGN
Light &
Ventilation



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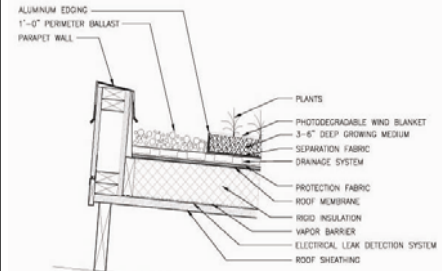
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DESIGN
Rainwater
Reduction &
Reuse



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DESIGN
Rainwater
Collection




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GREEN ROOF
SYSTEM
Extensive Type




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INSTALLATION
Leak Detection
System




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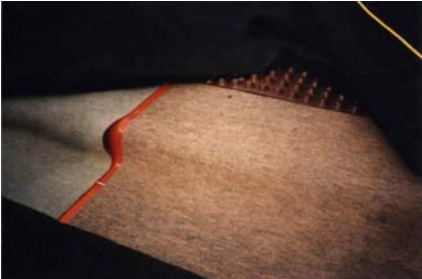


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INSTALLATION
Membrane




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INSTALLATION
Drainage Layer




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INSTALLATION
Separation Layer




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INSTALLATION
Wind Blanket




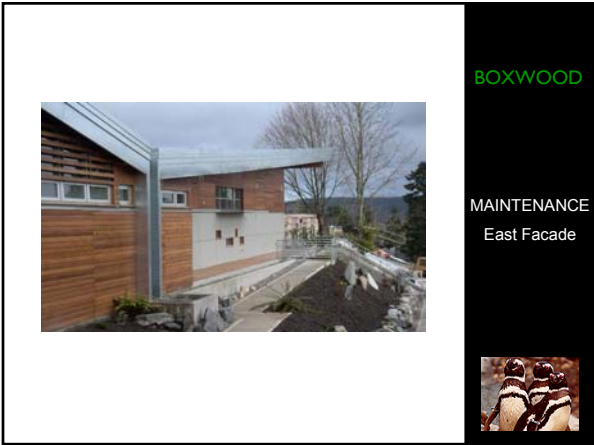
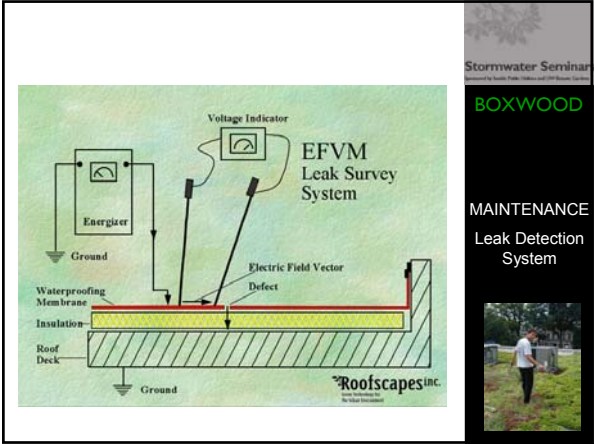
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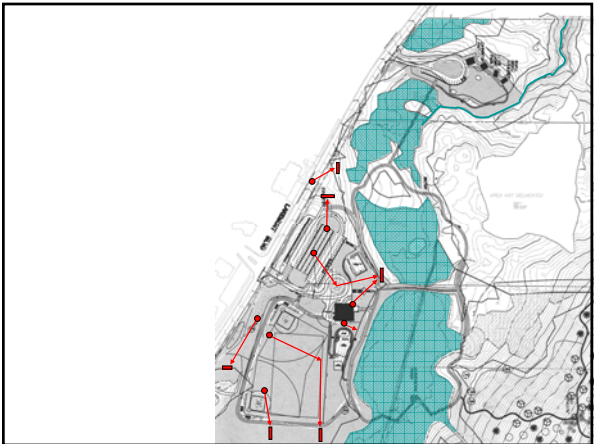
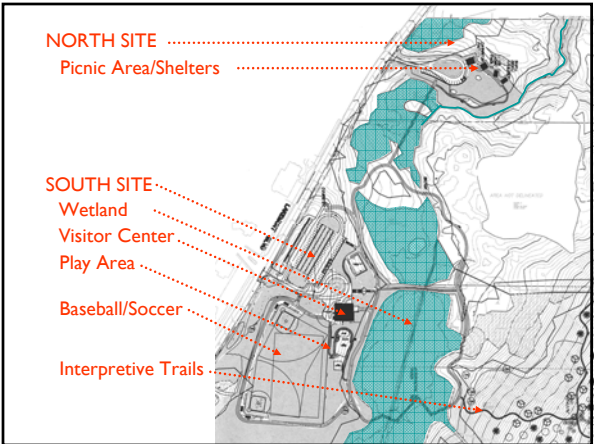
INSTALLATION
Planting Plugs






LEWIS CREEK PARK
VISITOR'S CENTER

BOXWOOD


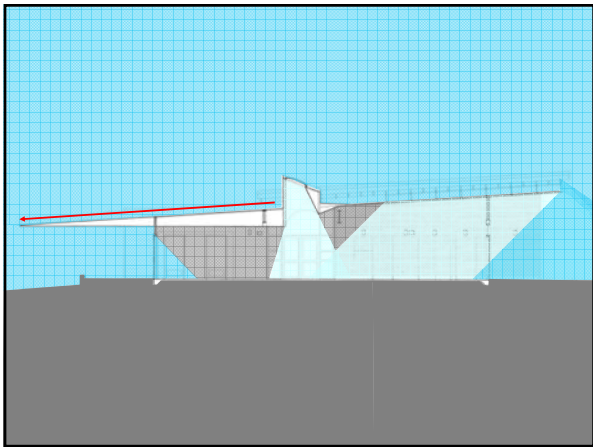
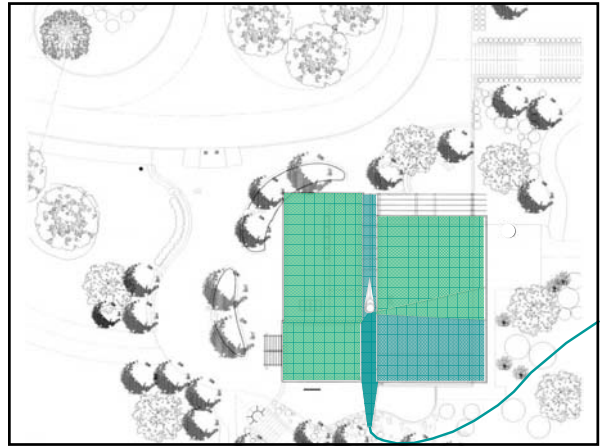





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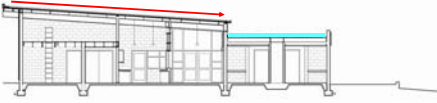
DESIGN
Lewis Creek
Visitor's Center

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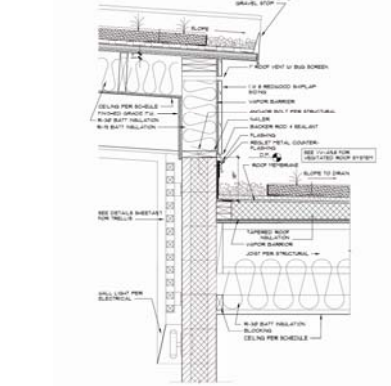
INSTALLATION
&
MAINTENANCE

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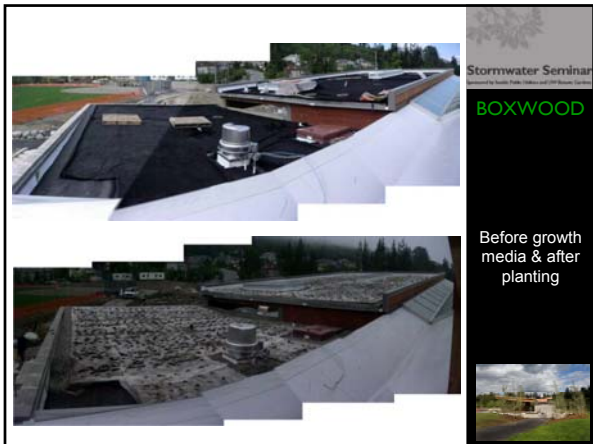
Roof 2
Drainage

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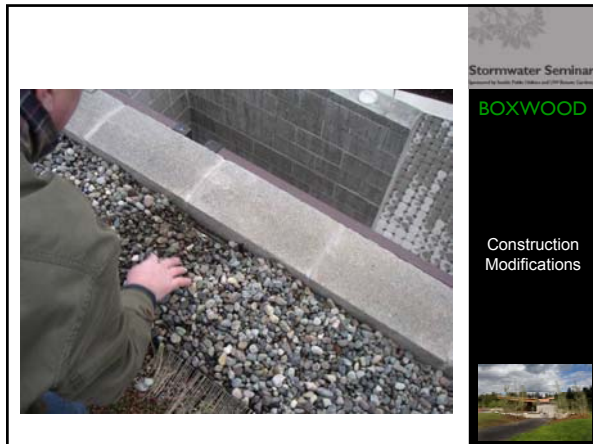
Construction
Modifications



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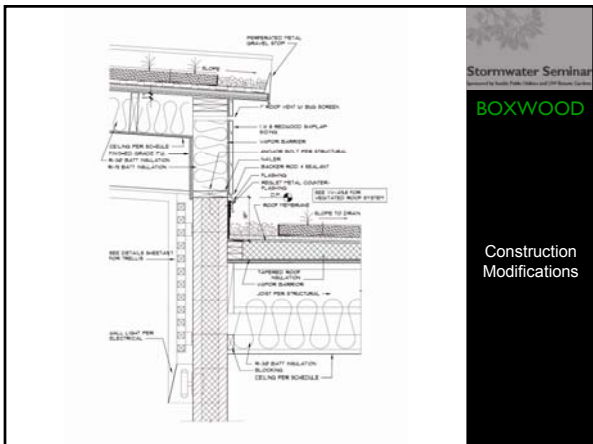
Before growth media & after planting



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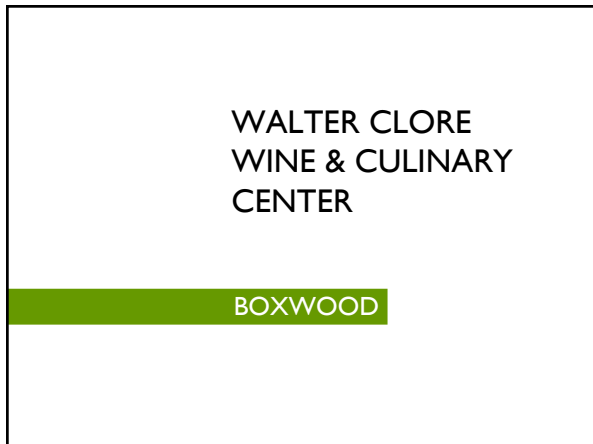
Construction Modifications



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Construction Modifications



WALTER CLORE WINE & CULINARY CENTER

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DESIGN
Walter Clore



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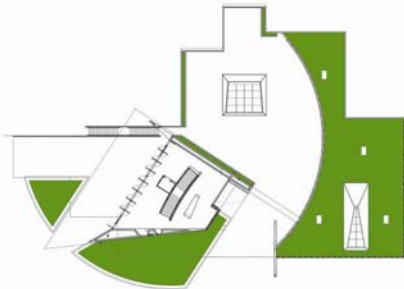
DESIGN
Buried Building



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DESIGN
Plaza Plan

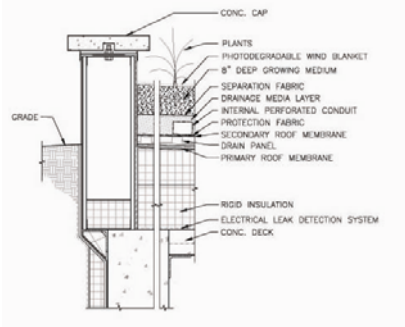


WALTER SLORE
Wine and Culinary Center


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GREEN ROOF SYSTEM
Semi-Extensive Type



- PLANTS
- PHOTODEGRADABLE WIND BLANKET
- 8" DEEP GROWING MEDIUM
- SEPARATION FABRIC
- DRAINAGE MEDIA LAYER
- INTERNAL PERFORATED CONDUIT
- PROTECTION FABRIC
- SECONDARY ROOF MEMBRANE
- DRAIN PANEL
- PRIMARY ROOF MEMBRANE
- RIGID INSULATION
- ELECTRICAL LEAK DETECTION SYSTEM
- CONC. DECK



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Cherry Snelling
Karen Davis Smith
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CONCLUSION

