UT Zero-Energy House
“Frame House”
University of Tennessee, Knoxville
Arc 572  I  Spring 2008

ARCHITECTURE  I  INTERIOR  I  TECHNOLOGY  I  SOCIETY
architecture  materials  comfort zone  market viability
kit of parts  appliances  energy balance
engineering  lighting  hot water
materials
View from outdoor winter garden towards river
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View of main living space from kitchen
View from sleeping loft into main living space and sunspace
Shading conditions in main space: shoulder seasons, 7 am
Shading conditions in main space: shoulder seasons, noon
Shading conditions in main space: shoulder seasons, 5 pm
Potentials: multiple configuration in rural landscape
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Potentials: single configuration in suburban landscape
Potentials: multiple (stacked) configuration in urban landscape