Rivers Edge: An Adult Participatory Net Zero Community

ARCH 772 Design Thesis
Ian Schimke

Programs Used: Revit, SketchUP, Illustrator & Photoshop

Net Zero Features

- Solar Chimney
- Photovoltaic Leaves
- Solar Thermal
- Billboards
- Rooftop Wind Turbines
- Energy Producing Bicycles
- Community Vegetable Berms
- Vertical Balcony Garden

Site Master Plan (Phase 1 & 2)

Levels 1-3 Plan
Levels 4-7 Plan
Levels 8-9 Plan
Levels 11-12 Plan

West Wing
East Wing

YP(1)
YP(2)
YP(3)
YP(4)
YP(5)
YP(6)
YP(7)
YP(8)
YP(9)
YP(10)
YP(11)
YP(12)
YP(13)
YP(14)

S(1)
S(2)
S(3)
S(4)
S(5)
S(6)
S(7)
S(8)
S(9)
S(10)
S(11)
S(12)
S(13)
S(14)