process: project overview
schematic design: phase 1 site plan
program: furnace room/ subfloor areas
program: first floor plan
program: attic plan
program: roof plan

- Photovoltaic panels
- Hydronic with solar preheat system
- Rainwater collection and storage
- Bathroom exhaust fan
schematic design: phase 1 from 10th street
schematic design: phase 1 section at passiv classroom
schematic design: phase 1 section at test house

the test houses demonstrate solar technologies

...efficiencies in mechanical systems

...and best design and construction practices
schematic design: phase 1 view from southwest

- photovoltaics provide power for zero-net energy
- rainwater is collected for irrigation needs
- the test houses provide training for green jobs
schematic design: phase 2
program: phase 2 - first floor plan
program: phase 2 - first floor plan
phase II: plan
phase II: aerial view from the southwest
phase II: aerial view from the northwest
phase II: elevations with phase I

north (facing 10th street)

south (facing new walkway)