

# "Green" Features at Wasatch Commons Cohousing

## Unit and Site Design and Construction

Passive Solar (engineered overhangs, heat sink, heat chimney/ clerestory windows, south side window glazing maximized, cross-ventilation)

Double paned low-e casement and awning windows only

Interior windows in clerestory stairwell for increased natural light and cross-ventilation

Optional clerestory fans

Extra ceiling (R-44) and wall (R-24) insulation

Clustered development and parking areas in order to minimize hard scape and help mitigate urban heat, preserve existing shade trees and other natural features, vegetation and wildlife, and make pedestrian and child friendly

On-site collection of storm water allowing for ground water recharging

Use of traditional stucco and pale wall and roof colors for sun/heat reflection

Extensive common facilities allowing for smaller individual unit sizing

Chemical, light and noise pollution control (no CCA-treated lumber, natural rodent and pest control, downward directed hooded lamp posts, quiet appliances)

## Resource Use Reduction and Efficiency

Use of recycled, scrap and waste materials (tressle wood, playground structures and areas. storage units, garden beds, landscaping, soil amendments, grassy pavers)

Structural insulated panel (SIP/R-control Panel) construction

Radiant heat option combined within single domestic hot water appliance

Location-appropriate landscaping (xeriscaping, min. grass, drip irrigation)

Evaporative cooling, gas appliances, front loading washers, low flush toilets

Floodlight motion sensors

## Community Based Sharing of Resources

Common House (guest rooms, laundry facilities including outdoor clothes li ne, kids room, library, sewing room, various other gathering and use spaces)

Workshop (work, landscaping, and garden tools, equipment and materials; car repairs, build and/or repair projects)

Shared child care and shut-in care

Exercise and music room and equipment, outdoor and recreational equipment Carpooling

Shared vegetable and herb garden and orchard space and produce

Variously shared internet access

Recycling center

## Other Group and/or Individual Initiatives

Programmable thermostats, *tree* and vine plantings to shade stucco and/or roofing

Various food and garden co-operatives

Composting, rain collection barrels

Purchase of wind power blocks

Use of wood composites and other alternative building materials (e.g., Trex, cork)