

CREATE A ZERO ENERGY COMMUNITY

ENCOURAGE CHICAGO SUBURBS TO REASSESS STANDARDS

INFLUENCE PLANNING OF FUTURE COMMUNITIES

SITE PLANNING

AVERAGE

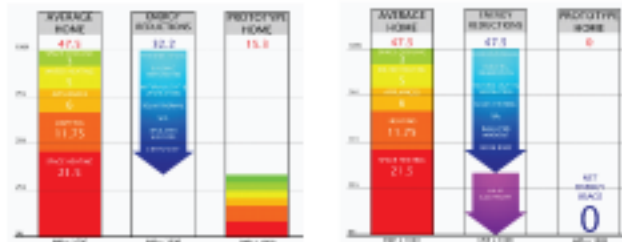
PROTOTYPE



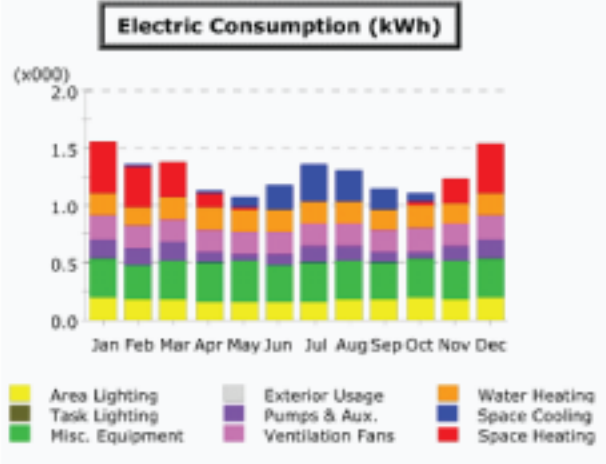
THE CHECKERBOARD DESIGN ALLOWS FOR MAXIMUM SOLAR ACCESS



ENERGY REDUCTIONS



COST REDUCTIONS



AVERAGE VS. PROTOTYPE
 AVERAGE ANNUAL USAGE
47,600 kWh
 PROTOTYPE ANNUAL USAGE
15,300 kWh

SAVINGS
32,300 kWh
 @ \$0.107
\$3,456/year
 OVER A 30 YEAR MORTGAGE
\$183,680

BUILDING SYSTEMS

ACTIVE

- PHOTOVOLTAIC
- SOLAR THERMAL
- GEOTHERMAL
- GREY WATER HARVESTING

PASSIVE

- CROSS VENTILATION
- PASSIVE SOLAR
- DAYLIGHT CONTROLS
- GREEN ROOF
- SIPS
- TRIPLE GLAZED ARGON WINDOWS

