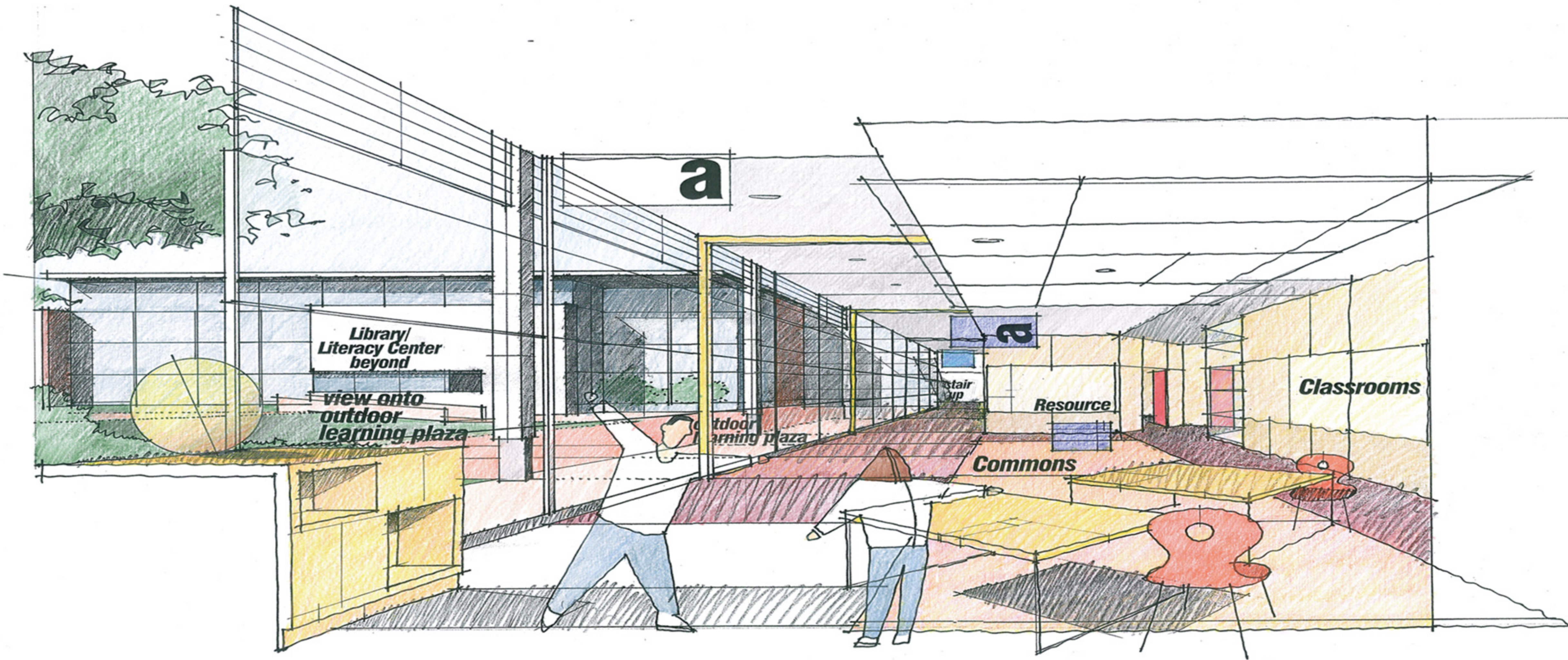



BOYS & GIRLS CLUB



a

Library/
Literacy Center
beyond

view onto
outdoor
learning plaza

outdoor
learning plaza

stair
up

a

Resource

Classrooms

Commons

SOLAR ENERGY

- NATURAL DAYLIGHT
- CAPTURE SOLAR ENERGY WITH PHOTOVOLTAIC CELLS
- CONSERVES ENERGY BY OPTIMIZING NATURAL LIGHTING and SHADING.



WIND ENERGY

- PRODUCE ENERGY FROM WIND TURBINES
- NATURAL AIR VENTILATION



RECYCLING

- REDUCE WASTE TAKEN TO LANDFILL
- INCREASE AWARENESS OF WHERE WASTE GOES AND HOW MATERIALS CAN BE REUSED

HABITAT

- INTEGRATE, PRESERVE AND CREATE HABITAT
- PROTECT SENSITIVE HYDROLOGY AND WILDLIFE MIGRATION PATTERNS
- PROPERLY LOCATE BUILDING ON SITE TO REDUCE SITE DISTURBANCE AND ENERGY CONSUMPTION DURING CONSTRUCTION

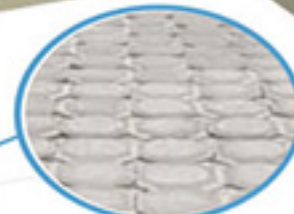


FOOD

- VEGETABLE GARDENS- GROW FOOD
- COMPOST TO REDUCE WASTE TAKEN OFF SITE
- BUY LOCAL / UNDERSTAND SOURCE OF FOOD

INTEGRATED STORMWATER MANAGEMENT

- RETAIN STORMWATER ON SITE- SLOW RELEASE
- CLEAN WATER STORM WATER RUN-OFF AND RECHARGE GROUND WATER WITH BIOSWALES
- PERMEABLE PAVING FOR INFILTRATION OF WATER BACK TO AQUIFER
- CAPTURE STORMWATER FROM ROOFS AND PAVEMENT TO USE ON SITE AND IN BUILDINGS



CONNECTIONS

- TRAILS AND BIKE LANES THAT CONNECT TO COMMUNITY
- LOCATE NEAR PUBLIC TRANSPORTATION



CLIMATE ADAPTIVE PLANTING

- REDUCE WATER NEEDS AND MAINTENANCE

