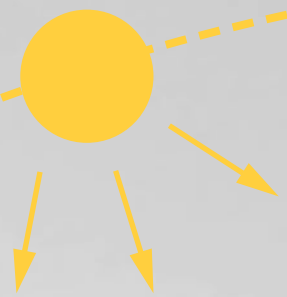


ROWAN UNIVERSITY
DISCOVERY HALL
SUSTAINABLE DESIGN STRATEGIES

W

E



ENERGY
Labs with variable volume fume hoods/ energy recovery

WELLNESS
Communicating stair to promote physical activity

ENERGY
Solar heat gain / glare reduction:
· Natural tree barriers
· High performance, low-e glazing

BIOPHILIA
Interior Materiality:
· Natural brick textures
· Wood ceilings

LAND/HABITAT
Preserves wetlands habitat along Chestnut Branch Creek

ENERGY
· Daylight harvesting
· LED Lighting
· Occupancy sensors

WELLNESS
Direct access to nature with steps and seating

SW Prevailing Winds

WATER
Porous pavement to reduce stormwater

LAND/HABITAT
Drought tolerant native plants habitat

LAND/HABITAT
Bike/skateboard park for alternative vehicle use

COMMUNITY
Outdoor classroom with seating & artist sculpture

