Sustainable Strategies

Southern building orientation to capture solar heat in winter months and daylighting throughout the building.

Clerestory on the north side of the building to allow light to penetrate deep into the building.

Geothermal heating and cooling to decrease the amount of energy used to heat or cool the water that services the air handling units.

Form is inspired by a hemisphere, which is the most energy efficient building form.

Renewable energy gained through photovoltaic glass used on the southern curtain wall.

Efficient insulation and glazing specified to reduce the transfer of heat through the building envelope.

Efficient HVAC systems and appliances specified to reduce the energy demand.

Efficient insulation and glazing specified to reduce the transfer of heat through the building envelope.

Scale: 1/8" = 1'-0"