

Tips for High Performance Buildings

At Gaia, we guide and educate our clients and peers to improve building design and construction. Here are a few tips to consider.



EUI – Keep it low as possible.



LPD – Minimize lighting power density.



Enclosure - Maintain and verify tight construction.



Orientation - Orient the building for optimal solar use and prevailing winds.



HVAC- Appropriately size mechanical equipment.



Ductwork - Prevent duct air leakages.



Monitoring and Verification - Perform audits and commissioning.



Outside Air - Provide fresh air appropriate for location.



Glazing - Choose low U-Factor and SHGC appropriate for location.



Materials - Choose materials that are red-list free, durable and low maintenance.