Energy Efficient Design

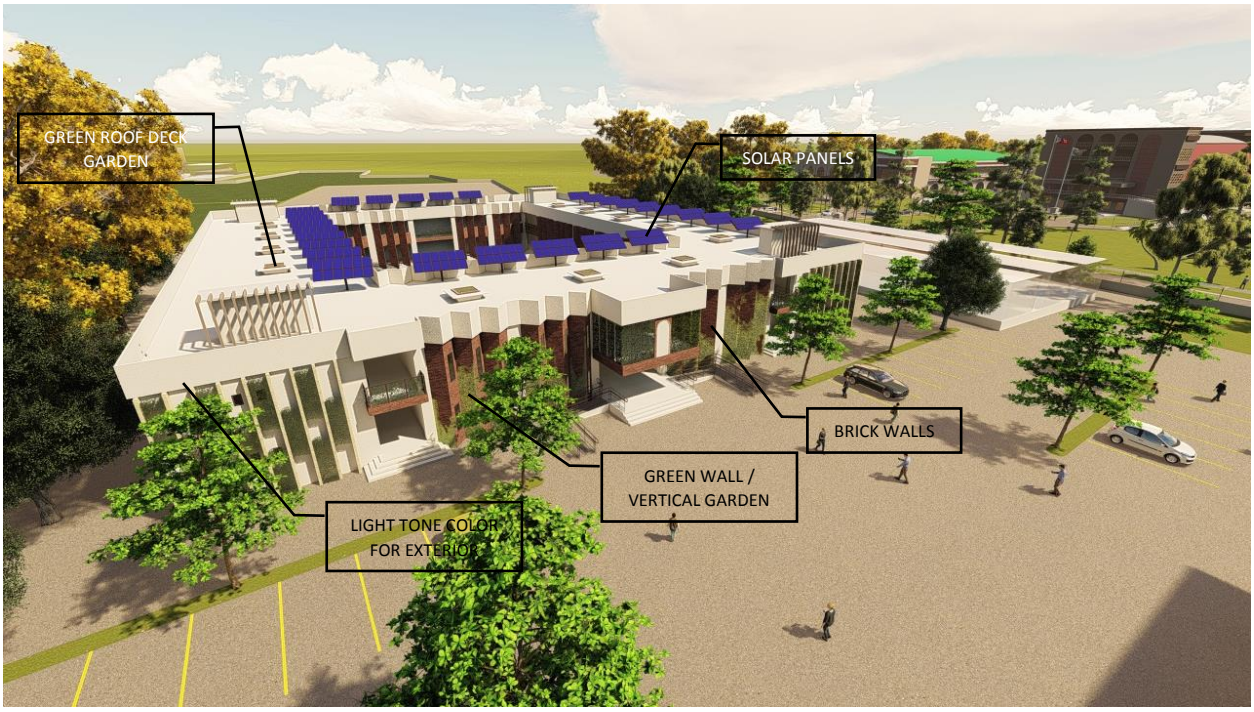
1. Green Wall / Vertical Garden and Green Roof Garden
    - Provides insulation to the building
2. White / Light tone color finish
    - White reflects heat, less heat absorption thus less use of artificial ventilation (high R-value)
3. Stone / Brick wall cladding
    - Additional insulation from heat going inside the building
4. Large Glass Windows at the northern part of the building
    - Takes advantage of natural light, less use of artificial lighting during the day
    - Using less than 40% window-to-wall ratio at the southern part of the building to prevent solar heat gain, treated with Low-E coating/window films
5. Solar Panels
    - Alternative way to generate electric energy to power the basic appliances of the building
    - It can save 60 to 90 percent of monthly electric bills, depending on the usage

CIT Laoag, 5 Storey Tech Voc Building

Batac Campus, 2 Storey Quality Assurance and Supply Building (Admin)

Batac Campus, 4 Storey International Residence (ELP)

Batac Campus, 2 Storey Academic Laboratory Building (CAFSD)



Excerpt from the Land Use Development and Infrastructure Plan