

# A-Level



Water Efficiency: Plumbing systems in the building were designed to reduce water use by 36%



# 1st Floor

**Sustainable Sites:** Storm water detention and bio-retention areas reduce the storm water run-off from the site.

**Transportation:** Bicycle facilities are provided to encourage alternate transportation. Ample bike racks and shower facilities are provided.

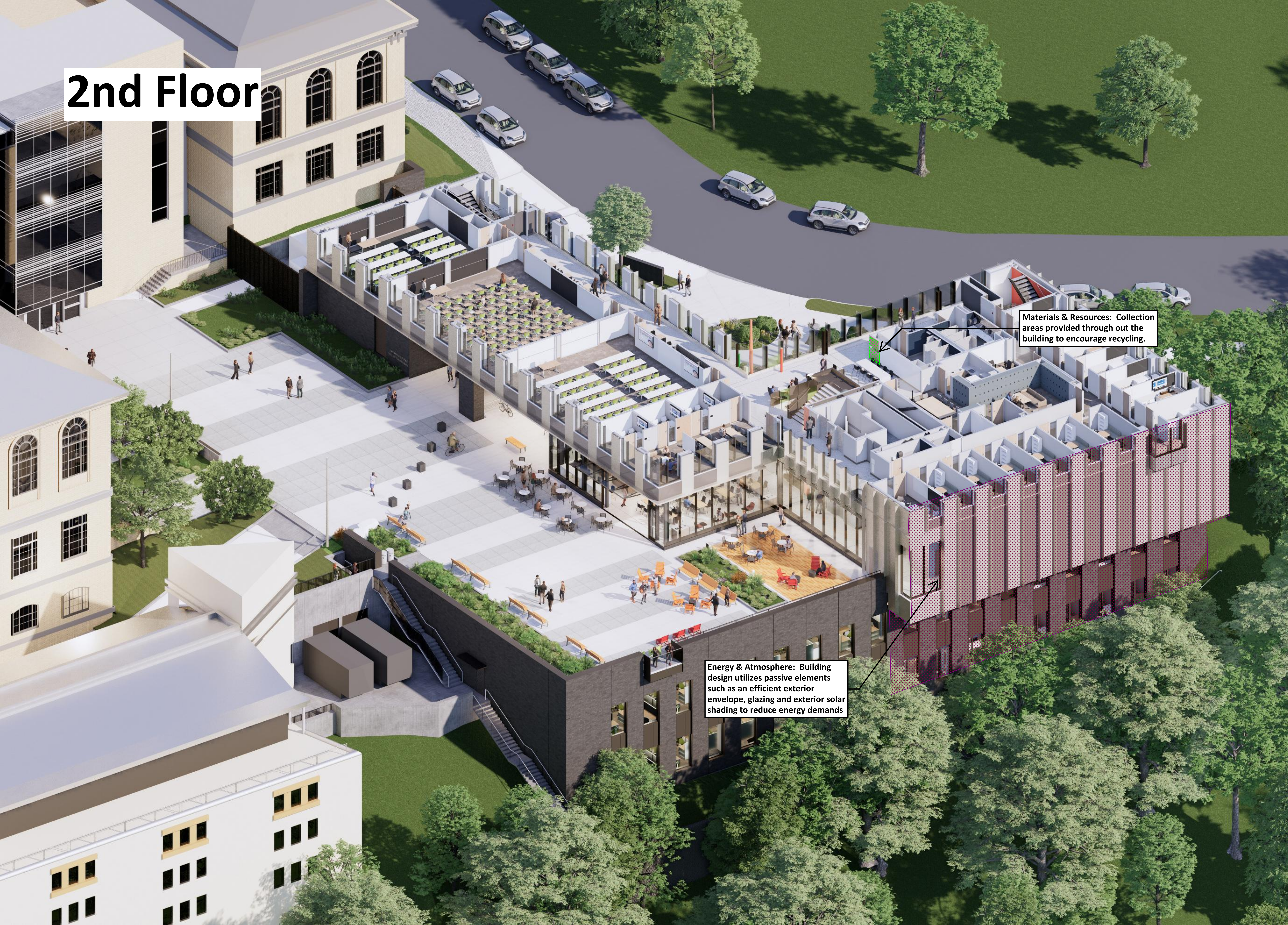
**Indoor Environmental Quality:** The building mechanical systems and controls use CO2 sensors to monitor and cycle fresh air into space for a healthy learning environment

**Indoor Environmental Quality:** Interior Lighting controls allow for use based control of lighting to provide high quality spaces





# 2nd Floor



Materials & Resources: Collection areas provided through out the building to encourage recycling.

Energy & Atmosphere: Building design utilizes passive elements such as an efficient exterior envelope, glazing and exterior solar shading to reduce energy demands



# 3rd Floor

Location & Transportation: Scaife Hall is located on the CMU Shuttle lines and is walkable to the many amenities on CMU's campus and the Oakland neighborhood.

Innovation: Public art was integrated into the building design to provide engaging spaces

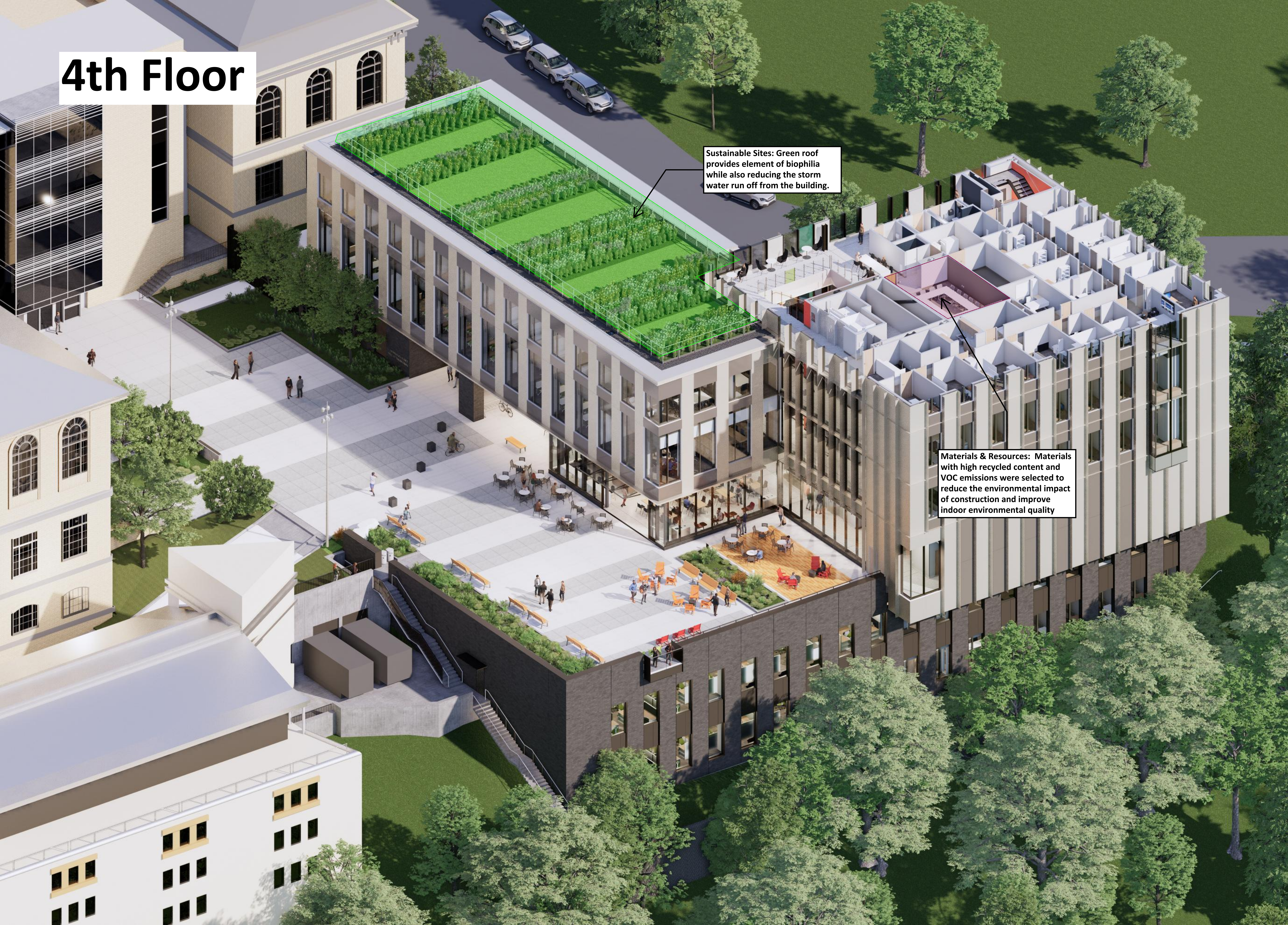




# 4th Floor

Sustainable Sites: Green roof provides element of biophilia while also reducing the storm water run off from the building.

Materials & Resources: Materials with high recycled content and VOC emissions were selected to reduce the environmental impact of construction and improve indoor environmental quality





Energy & Atmosphere: Building mechanical systems are designed to use 24% less energy than the baseline ASHRAE building. (Mechanical systems are visible from the Carnegie Museum parking lot across Junction hollow)

