

Sustainability Initiatives for the County of Alameda

Leased Space

Sustainable Transportation

Option 1: Install 2 EV charging stations, including all electrical upgrades and trenching, in the parking lot within the next 6 months.

Option 2: Purchase an EV Arc station (at ~\$87k) for standalone EV charging without the need for electrical upgrades or parking lot repaving.

Option 3: Install 2 EV charging stations and all necessary electrical upgrades and trenching upon the next resurfacing/repaving of the parking lot.

Option 4: Bike Storage and Showers to provide secure bike storage and shower facilities to encourage alternative transportation options.

Lighting

Option 1: Re-lamp exclusive use space with direct line LED lights.

Option 2: Install lighting timer system programmed to shut down lights during unoccupied hours.

Option 3: Install occupancy sensors for lighting scheme.

Indoor Air Quality

Option 1: Install programmable thermostats or other means to lower heating set point and increase cooling set point. The program will include setpoint to lower HVAC usage during unoccupied hours.

Option 2: Recommission the existing HVAC system to ensure running at higher efficiency.

Option 3: Install advanced air purification systems on HVAC system to ensure the highest quality indoor environment.

Option 4: Integrate green walls and indoor plants to enhance air quality and aesthetic appeal.

Electrical

Option 1: Install meter/submeters to measure the consumption of electricity in the leased premises.

Option 2: Install solar array to offset energy consumption in the building.

Option 3: All new appliances shall be electrical to move toward a decarbonized building.

Option 4: Implement battery storage systems to store excess renewable energy if solar array is installed.

Option 5: Utilize green energy contracts to provide electricity to the building from renewable energy providers.

Waste Management

Option 1: Building-wide infrastructure for materials recycling and supply multi-stream bins to the County for mixed recyclables, organics and waste.

Option 2: Conduct regular waste audits to identify opportunities for waste reduction.