

VIC Sustainability Plan

The following outlines the Sustainability Plan for VIC Masterplan 2.0 and the various commitments the Developer has submitted to date.

Sustainability Improvements done to date at the existing 715,000 SF industrial buildings:

- **Energy Efficiency Improvements:** Developer has worked with Clark PUD and Energy Trust of Oregon to improve energy efficiency at the existing industrial buildings as follows:
 - Installed new, more efficient chillers.
 - Replaced pumps and installed new VFDs in central plant.
 - Installed new building HVAC control systems.
 - Converting point controls from pneumatic to digital.
 - Installed exterior LED lighting.
 - Replacing all common area and house lighting with state-of-the-art LED and lighting control system.

The total estimated annual savings from the above installed improvements is estimated to be 6,300,000 KWh and 345,000 Therms.

- Additional energy efficiency upgrades and sustainability initiatives to date include:
 - Upgraded bathrooms with waterless and reduced flow systems to achieve **indoor water use reduction**.
 - Replaced water fountains with bottle filling stations.
 - Installed new electrical sub-metering system for better monitoring of electrical and water usage.
 - Participant in Clark PUD's Community Solar Program.
- All new tenants are required to install LED lighting and controls within their space.
- Installed showers and bicycle storage space to promote biking to work.
 - Creating long term program to replace a portion of current landscaping with native plants species.
- **Adaptive Reuse, Access to Recreation Facilities:**
 - The existing 715,000 SF of buildings is at the heart of this campus and substantial sustainability investments have been made as noted above. The Developer also renovated underutilized former corporate cafeteria into an activated community space with an upscale café and coffee bar, living room/lounge space, conference rooms, expanded fitness center with fully renovated locker rooms, a yoga and meditation studio, etc.

Sustainability Plan for the New Development under Masterplan 2.0

Overall Campus & Vision:

- **Walkable Streets, Compact Development, Mixed-Use Neighborhoods, Smart Location, Access to Recreation Facilities:** The campus is designed as a 20-minute, walkable, mixed-use

neighborhood providing convenient, safe pedestrian-oriented access to places and services that residents, employees, and neighbors need every day – including work, transit, shopping, quality food, school, parks, open space, and social activities.

- **Neighborhood Schools:** The campus includes a 20-acre parcel that is owned by the Evergreen School District and will be home to a future middle school.
- **Site Design for Habitat Conservation:** A 13.7-acre Forested Tract that has a restrictive covenant to remain as open space. The Developer intends to sell this Forested Tract to the City of Vancouver.
- **Housing Types and Affordability, Housing and Jobs Proximity:** Developer commits to participating in the MFTE program whereby 20% of the 1,800 units (i.e. 360 units) will be available at 80% AMI. All residential units are within walking distance of all employment opportunities on campus.
- **Connected and Open Community, Access to Civic and Public Space, Access to Recreation Facilities, Local Food Production:** Developer will provide a perimeter trail and neighborhood park open to the general public. The trail will be connected to the Forested Tract. The trail will also link together all of the developments within the campus. Community gardens will be available to residents and tenants. The Town Plaza is an optimal location for a local farmers market to operate on the campus.
- **Community Outreach and Involvement:** Masterplan 2.0 was developed in concert with community and municipal input through feedback from the Masterplan 1.0 approval process, community engagement sessions on the proposed Masterplan 2.0, and ongoing conversations with City staff.

Building Design:

- **Optimize Building Energy Performance:** Developer will achieve GHG emissions reduction targets stated in the City's Climate Action Framework as outlined in Appendix I of the application (Appendix I is part of Developer's Sustainability Plan).
- **Optimize Building Energy Performance:** All new buildings will include the following:
 - All electric heating, cooling and domestic hot water.
 - Efficient heat pump selections for space heating and domestic hot water
 - for all new residential buildings, all electric appliances
- **Solar Orientation:** All new buildings will be solar ready per code.
- **Rainwater Management:** For new buildings, Developer will be infiltrating all runoff on site.
- **Electric Vehicles:** Developer will comply with City code for EV infrastructure requirements with each project's site plan approval.

Transportation and Mobility:

- **Compact Development, Walkable Streets, Mixed-Use Neighborhoods, Connected and Open Community, Transportation Demand Management, Housing and Jobs Proximity, Smart Location:** Masterplan 2.0 allows for greater integration of uses than Masterplan 1.0. The entire

campus will be walkable/bikeable with ample opportunities to live and work on campus. Small retail and commercial services will be within a 5-minute walk of any residential neighborhood or commercial/industrial tenant. The reconfiguration of Masterplan 2.0 also achieves added density with the same amount of vested trips in Masterplan 1.0. Masterplan 2.0 also creates a more efficient street network that allows for separation of industrial related truck traffic from residential and mixed-use traffic.

- **Walkable Streets, Transit Facilities, Bike Facilities, Smart Location:** Road networks will be designed and coordinated with City transportation staff to ensure safe, comfortable and complete connections for various modes of transportation (vehicular, pedestrian, bicycles, etc.)
 - Once ESD develops the school, Developer will have bikeable/walkable laneways for students to be able to walk or bike to school safely.
- **Bicycle Facilities, Smart Location:** Developer will include infrastructure to support bike parking and will have bike sharing programs. Developer renovated locker rooms, showers and changing facilities at the existing buildings to help encourage habitual biking for its tenants. The perimeter trail and bike paths throughout the campus will encourage recreational physical activity.
- **Transportation Demand Management, Smart Location:** Developer will deploy shared parking strategies where applicable. The campus design encourages multimodal travel. Developer is eliminating an entrance on 34th Street to reduce traffic congestion at 176th Avenue and 34th Street. Campus entrances/exits at 34th Street are being coordinated with the City's efforts along that corridor to ensure offsite improvements result in a smooth and safe pedestrian experience.
- **Access to Quality Transit and Transit Facilities, Smart Location:** Developer will work with CTran, ESD and City staff to coordinate safe and efficient placement of bus stops within the campus. The VIC campus already has a bus stop along 34th Street and the campus will have pedestrian laneways to provide safe access to the existing bus stop.

Open Space, Natural Systems & Water Resources:

- **Site Design for Habitat Conservation and Long-Term Conservation Management of Habitat, Connected and Open Community, Access to Recreation Facilities:** Preservation of 13.7 acre Forested Tract
 - Developer worked with a local arborist to adjust the boundary line of the Forested Tract to create a better edge condition for the trees allowing for a more resilient tree canopy and preservation of native and climate resilient species.
- **Connected and Open Community, Access to Civic and Public Space, Access to Recreation Facilities, Connected and Open Community, Access to Recreation Facilities:** Masterplan 2.0 increases the amount of open space/parks/trails by 26% from 19 acres of open space to 24 acres.
- **Tree Lined and Shaded Streetscapes and Heat Island Reduction:** Canopy coverage per Restated DA which is above and beyond the code minimum for all use types. Developer also commits to achieving Tree CAP certification for all projects (minimum Silver Leaf Achievement). Both canopy coverage & Tree Cap Silver will reduce the heat island effects within the campus.

- **Outdoor Water Use Reduction:** Developer will favor nature scaping in lieu of high maintenance turf for streetscapes.
- **Rainwater Management:** For new buildings, Developer will be infiltrating all runoff on site.