



ROSEVILLE CIVIC CAMPUS PRE-DESIGN

PROJECT INTRODUCTION



CIVIC CAMPUS MASTER PLAN

RECOMMENDED PLANNING STRATEGY

Option A1

- Efficient, Consolidated Maintenance Facility
- Visible & Accessible Licensing Center & VFW
- Centralized Campus Green Space
- Facilitates Phased Implementation: Allowing Transition of Operations with Limited Disruption

MAINTENANCE LEGEND:
A. VEHICLE STORAGE
B. VEHICLE SERVICE
C. ADMIN OFFICES
D. WORKSHOP
E. SALT SHED
F. FUELING STATION
G. STORAGE SHEDS
H. BRINE STORAGE





PRE-DESIGN COMMUNITY ENGAGEMENT

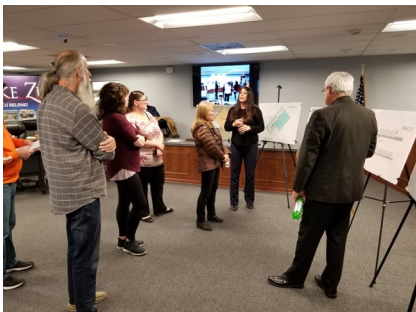
COMMUNITY ENGAGEMENT

DEC-2021

- **Collect/Share** | BKV, EDEN. City CE Kick-off, approach & strategy
- **Engage/Plan** | BKV, City Meeting with VFW, Existing Conditions & Programming Review
- **Engage** | BKV, City Meeting with VFW: Project Intro and Study Overview

JAN-2022

- **Document** | Create public presentation (existing/new); BKV print, add messaging
- **Collect/Engage** | Inform and connect with immediate neighbors, Property Mgmt
- **Outreach** | Mailers to neighbors (1/2 mi radius)
- **Report** | Roseville City Council Meeting



COMMUNITY ENGAGEMENT

FEB-2022

- **Communicate** | Send out mass communications texts, emails, social media, etc
- **Engage** | Provide on line tools and opportunities for public comment
- **Engage** | Meet and Discuss Ideal Vision. Neighbors / Businesses / Organizations
- **Engage** | On site Charettes / large or small / Rosedale mall pop-up, TBD
- **Collect/Engage** | Meet with immediate neighbors, landlords/tenants, onsite

MARCH-2022

- **Finalize** | End of input, data collection; compile, assess, overlay to design
- **Report** | Deliver final narratives, summary, findings, vitals for design integration





SUSTAINABILITY & GREEN INFRASTRUCTURE

“Pre-design explores the relationships between the project and its surrounding environment to help reveal the optimum choices for the site, the users, and the owner. Site options or site specifics may be analyzed in light of project requirements to uncover opportunities and synergies. Sustainability targets may be set covering a full range of economic, environmental, and social performance criteria.”

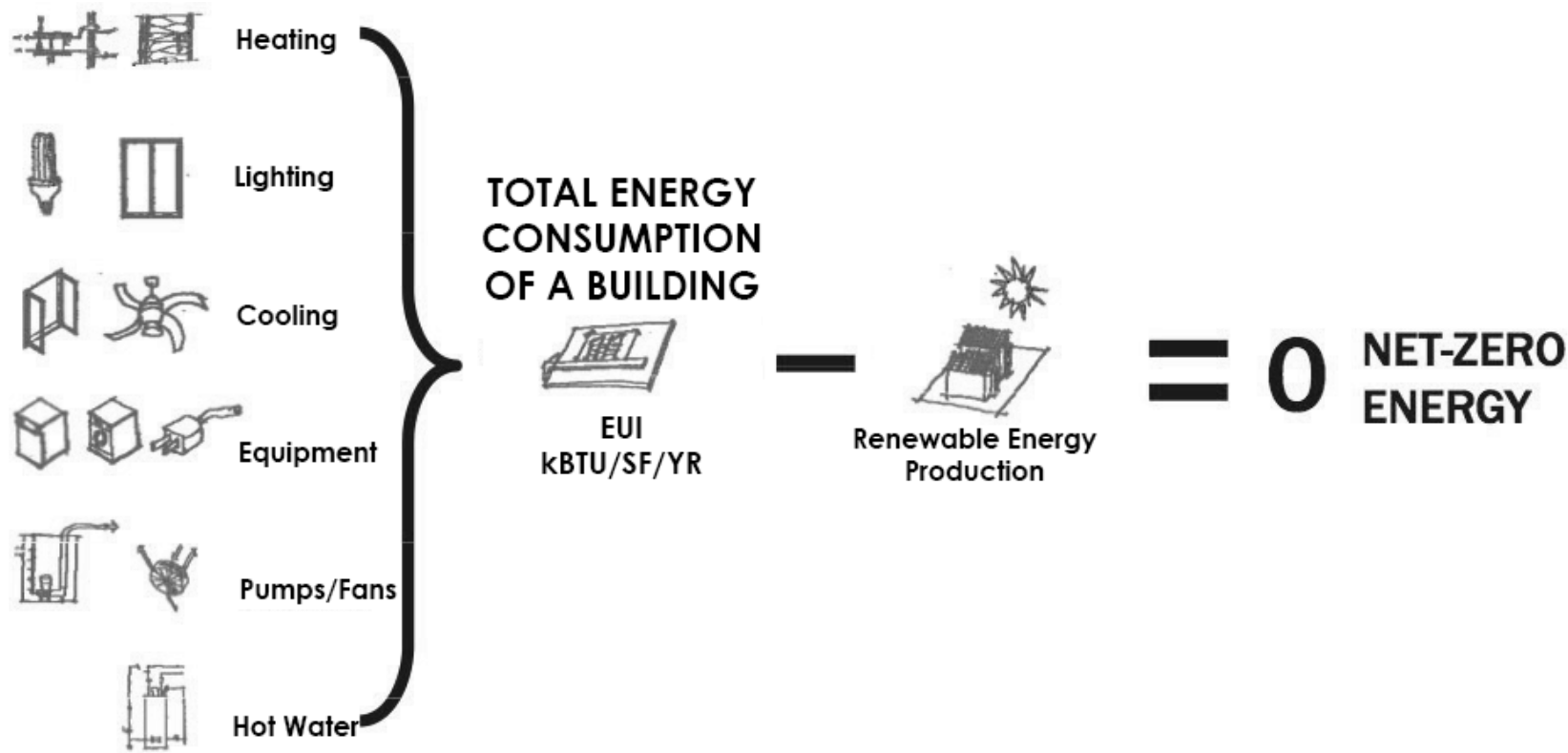
SUSTAINABLE DESIGN APPROACH: CORE INITIATIVES

Energy	Water	Materials	Indoor Environmental Quality
- Optimize Energy Performance - Equipment & Controls Selection - Building-Level Energy Metering - Fundamental Commissioning - Enhanced Commissioning - On-Site Renewable Energy Production - Green Power and Carbon Offsets	- Onsite Stormwater Management - Outdoor Water Use Reduction - Indoor Water Use Reduction - Building-Level Water Metering	- Environmentally & Health-Focused Material Specification - Utilization of Regional Materials - Waste Reduction and Management - Life Cycle Assessment of Materials	- Indoor Air Quality - Moisture and Water Control - Thermal Comfort - Lighting and Daylighting - Effective Acoustics - Access to Light & Views - Ergonomics and Physical Activity - Wayfinding and Universal Access

Sustainable Certification Resources



SUSTAINABLE DESIGN APPROACH: NET ZERO ENERGY



Highly-Efficient Exterior Envelope

- Walls
- Roof
- Below Grade
- Windows & Doors

On-Site Renewable Energy

- Solar
- Geothermal
- Wind Power
- Biomass

Building Systems

- Highly Efficient Building Systems
- Energy Recovery Ventilation
- Daylighting
- Efficient Lighting Fixtures
- Energy Offsets

The Net Zero Energy model of Sustainable Design achieves the highest aspirations in energy performance in the built environment. Projects demonstrate zero energy performance with the integrity of third-party performance certification. Considerations used to achieve Net Zero Status are detailed to the right.

SUSTAINABLE DESIGN APPROACH: CAMPUS SCALE & PRE-DESIGN

Site & Campus Scale Opportunities



Integrate Stormwater Management as a Landscape Feature



Explore Connected Campus-Wide Renewable Infrastructure



Plan Ahead for Daylight and Passive Solar Access



Define Goals for Sustainable Design Standards

Pre-Design Planning & Framework

- **Define Pre-Design and Overall Master Plan Implementation Sustainability Goals**

*What must be planned ahead?
What can be incorporated now?
Is sustainability achieved per building and/or campus-wide?*

- **Employ Passive Design Strategies within Concept Planning**

*Explore building orientations
Define Window-to-Wall Ratio Goals*

- **Incorporate Expectations into Project Costs**

*Specification & Construction Quality
Certification Pathways to Pursue
Additional Testing & Consultants*