SACRAMENTO VALLEY STATION MASTER PLAN
COMMUNITY MEETING - 09/05/2019

GRIMSHAW TRANSIT DESIGN

JOURNEY

PERKINS+WILL URBAN DESIGN

DESTINATION

ARUP, NELSON/NYGAARD, AIM CONSULTING, EPS
### Process

#### Outreach
- Roundtable Discussions (Transit Agencies and Developers)
- Stakeholder Meeting #1
- Community Workshop #2
- Community Workshop #3

#### Master Plan + Station Concepts
- Project Initiation and Existing Conditions
- Station Program Architectural Concepts
- Preferred Station Area
- Specific Plan and Design Guidelines

#### Early Implementation
- Early Implementation Project and 30% Schematic Design

#### Timeline
- **2019**
  - February: Stakeholder Meeting #1
  - April: Community Workshop #1
  - May: Community Workshop #2
  - June: Community Workshop #3
- **2020**
  - February: Community Workshop #1
  - March: Community Workshop #2
  - April: Community Workshop #3
  - May: Council and Commission Hearing and Adoption
AGENDA

MOBILITY FRAMEWORK

• Street Framework
• Transit Facility

PLACEMAKING OPPORTUNITIES

• Open Space Concept
• Development Opportunities

SUSTAINABILITY INITIATIVE
MOBILITY FRAMEWORK
 FRAMEWORK - STREET NETWORK

Legend
- Existing Road to Remain
- Proposed / Modified Road
FRAMEWORK - TRANSIT ACCESS
FRAMEWORK - PU/DO ACCESS

PU/DO = Pick-up and Drop-off
FRAMEWORK - PUBLIC REALM

Legend
- Open Space
- Indoor Public Realm
- Overpass
- Underpass
STATION PHASE 1
Grade (+0’) & Concourse level (+32.5’)

STATION PHASE 2
Grade (+0’) & Concourse level (+32.5’)

[Diagram of station phase 2 with various designated areas]
PARKING STRUCTURE
Grade (+0’) & Parking level (-5’)

Pedestrian & bike entry from tunnel
Bike lane entry from F Street
BUS TERMINAL PLAZA
Grade (+0') & Parking level (-5')
BUS TERMINAL CANOPY

Grade (+0’) & Parking level (-5’)

Alternative option 1:
VC connection to concourse level

Alternative option 2:
green wall at bus terminal level
BUS TERMINAL & PARKING STRUCTURE
Grade (+0’) & Parking level (-5’)
SECTIONS
PLACEMAKING OPPORTUNITIES
TRANSIT PLAZA

Utrecht Centraal, Utrecht, Netherlands

The Railway Square, Oslo, Norway

Utrecht Centraal, Utrecht, Netherlands
CIVIC PLAZA

1 St.
WILD URBAN

Tanner Springs Park, Portland, OR

Buffalo Bayou Park, Houston, TX

Hassalo, Portland, OR
MARKET ANALYSIS FINDINGS

- Efforts should first be concentrated on creating a successful multi-modal transit center which will then generate development interest.

- The prime location and regionally significant amenity justify waiting until the surrounding district has matured and emerging trends can be best captured.

- Condo-hotel and mid-rise residential development is viable now, but probably better to wait until market can deliver higher density development.

- Strategies should be explored to make higher density development more feasible:
  - Reduce or eliminate parking requirements for new developments
  - Improve the quality of the surrounding blocks with redevelopment or rehabilitation
  - Keep development fees reasonable and attractive
  - Facilitate public-private deal structures, ground leases and air-rights opportunities to be more competitive with traditional development methods.
DEVELOPMENT OVERVIEW

OFFICE
(LOT #40)

TRANSIT FACILITY

RESIDENTIAL

HOTEL
H STREET WEST SEGMENT

Solare Tower, San Francisco, CA
Heartline, Portland, OR
H STREET WEST SEGMENT
HOTEL DEVELOPMENT

The St. Regis, San Francisco, CA
HOTEL DEVELOPMENT
SVS SUSTAINABILITY GOALS + LIVING COMMUNITY CHALLENGE
KEY TARGETS

• Net Positive Energy – 105% renewable, all-electric. Sourcing onsite + near-site.
• Resilience - Battery storage supporting a week of critical load off-grid operations (not diesel generators). Maintain elevation above floodplain.
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• Infrastructure + City buildings to achieve local, healthy material requirements
• Zero Waste (effectively) in construction + operations
• 50% of city-owned buildings to be LBC-Certified (or at least one). Station building is a clear candidate.
We could be the first city project to achieve this!
Biophilic design is a method of designing the places in which we live and work in a way that satisfies our deep and fundamental need to be connected with nature.

Human Spaces Global Report 2015
BIOPHILIC DESIGN THEMES FROM SVS CHARRETTE

- Nature at the Station
  - City of Trees, birds
- Sensory Experience
  - Sun, shade, delta breeze, sound and light
- Water
  - Visibility, celebration, seasonality
- Prospect & Refuge
  - Respite, wayfinding, views
- Sense of Place
  - Natural and cultural histories
EXAMPLE: NATURE AT THE STATION

+ PROPOSED GOALS
  - “City of Trees” - create an urban forest
  - Support local habitats and ecosystems
EXAMPLE: NATURE AT THE STATION

+SUPPORTING STRATEGIES

- Tree planting throughout
- Preserve, enhance and celebrate purple marten habitat
- Incorporate natural habitat for other animals
- Soften spaces with planting, such as at bus area
YOUR FEEDBACK
PLACEMAKING OPEN SPACE/PUBLIC REALM

OPEN SPACE CONTEXT

SITE OPEN SPACE FRAMEWORK

QUESTIONS:
1. What kind of open spaces would you like to enjoy here?
2. What would make the experience of the station area more engaging, comfortable and safe?

PLACEMAKING OPEN SPACE/PUBLIC REALM

TRANSIT PLAZA

CIVIC PLAZA

UNDERPASS PARK

WILD URBAN

PEDESTRIAN LINK

QUESTION: 1. Are there other community activities or open space programs you would like to see here?

SACRAMENTO VALLEY STATION MASTER PLAN
VIBRANT MIX OF USES

QUESTIONS:
1. What type of uses should the station area accommodate?
2. How should the building heights respond to the existing context?
MOBILITY FRAMEWORK

BIKE NETWORK

1. Does this provide a robust bike accessibility and connectivity network?
2. What type of bicycle facilities will bicyclists need? And where?

BIKE EXPERIENCE

1. ACROSS CIVIC PLAZA
2. NEAR LIGHT RAIL
3. BIKE TUNNEL
4. ALONG BUS BAY

QUESTIONS:
1. Does this provide a robust bike accessibility and connectivity network?
2. What type of bicycle facilities will bicyclists need? And where?

SACRAMENTO VALLEY STATION MASTER PLAN
QUESTIONS:
1. What amenities would you like to have at the new station concourse, i.e. day-to-day amenities, destination program, etc?
2. What is your favorite place in the Sacramento Region? Are there unique features about the area that you would like to see celebrated at the station, i.e. art, history, culture, etc?

MOBILITY TRANSIT CIRCULATION

STATION PHASE 1
Grade (+0’) Parking (-5’) & Tunnel Level (-15’)

STATION PHASE 2
Grade (+0’) Concours level (+32.5’)

QUESTIONS:
1. What amenities are important for the Bus Terminal? Currently proposed are food kiosks on the bus level, restrooms on the lower tunnel level, and bike facility on both the parking and tunnel levels.
2. How can the station area incorporate elements of the natural environment into its design?
**What is the Living Community Challenge?**

The Living Community Challenge (LCC) was inspired by a philosophy of regeneration and developed into a framework to guide the design and construction of buildings and neighborhoods to be "socially just, culturally rich, and ecologically restorative." The Challenge is composed of seven categories, or "Petals:" Place, Water, Energy, Health & Happiness, Materials, Equity, and Beauty. Petals are divided into twenty imperatives, each with a set of options for incorporation into a neighborhood design. Among these are requirements for Net-Positive Water and Net-Positive Energy, though these can be achieved with solutions beyond the footprint of the project. While LCC awards points for theoretical performance, the challenge requires performance data from one year of operation to confirm design intent.

An additional requirement of the LCC is that at least one building within the community must achieve 100% of the community's needs must be supplied by captured precipitation or by recycling used community water. 105% of community’s energy needs must be supplied by community generated renewable energy on a net-annual basis.

Develop a plan to meet red list, responsible industry, and sourcing requirements. Projects may only be built on greyfields or brownfields, and previously developed sites. Oversee the ongoing inclusion of local initiatives, such as local food program, bike share, etc.

**Sustainability The Living Community Challenge**

**What is Biophilic Design?**

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— Human spaces global report, 2015

**Key Biophilic Design Elements**

**Nature at the Station**

Water

Biophilic design principles can be used in a variety of contexts.

**Sense of Place**

Biophilic design principles can be used in a variety of contexts.

**Questions:**

1. How can we help people connect to nature at Sacramento Valley Station?

2. What else could help create a healthy and enjoyable experience here?