

Council Discussion



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MAJOR PLAN
ELEMENTS/URBAN
STRUCTURE



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FIGURE 4: ENVIRONMENTAL FOOTPRINT



- | | | |
|------------------------------|----------------------|-------------------------|
| 1. Coyote Creek Corridor | 5. IBM Wetland | 9. Tulare Hill |
| 2. Fisher Creek in Greenbelt | 6. Hillock | 10. Streams |
| 3. Laguna Seca | 7. Hills (15% Limit) | 11. Hamlet of Coyote |
| 4. Keesling's Shade Tree | 8. Oak Savannah | 12. Archaeological Site |

What is Environmental Footprint?

- **Maps ecology, habitat & natural systems**
- **3 levels of sensitivity**
 - “Fixed” -- conservation/preservation
 - “Flexible” -- restoration & enhancement
 - “Lesser significance” --balance with economics
- **Basis of the CVSP**
- **Expert research**

“Fixed”

- *Hills Over 15% Slope*
- *Coyote Creek And County Park*
- *Laguna Seca*
- *Spreckels Hill*
- *Tulare Hill*
- *Oaks & Oak Savannah*
- *Keeslings Black Walnut Shade Trees*
- *Hamlet*
- *Archaeological Cultural Resources*
- *Seasonal Creeks*
- *IBM Wetlands*
- *Greenbelt*

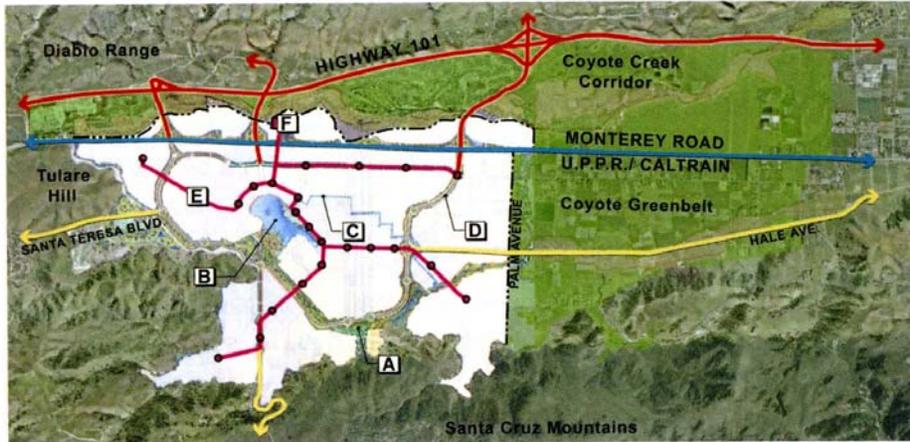
“Flexible”

- *Restoration Of Fisher Creek*
- *Isolated Wetlands*
- *Flood Protection*
- *Urban Impervious Surfaces*

“Lesser Environmental Significance”

- *Two Estate Residential Neighborhoods*
- *Archaeological Resources*
- *Architectural Resources*
- *Existing Road Network*
- *Existing Parcelization*
- *Existing Major Corporate Facilities*
- *Existing Public Facilities*
- *Existing Agriculture*

FIGURE 5: COMPOSITE FRAMEWORK



- | | | |
|-----------------|---------------|----------------------|
| A. Fisher Creek | C. Canal Park | E. In Valley Transit |
| B. Coyote Lake | D. Parkway | F. Caltrain |

What is Composite Framework?

- **Overlay map of CVSP infrastructure over Environmental Footprint**
- **Defines the “Public Realm”**
- **Extensive stakeholder input**
- **Dual Use**

*“Blue Infrastructure”
Hydrology*

*“Green Infrastructure”
Parks, Open Space, Recreation
and Multi-use Trails*

*“Mobility
Infrastructure”*

*Regional Circulation/ in-Valley
transit, parkway, walkable,
bikable, streets and boulevards*

FIGURE 2: COYOTE CREEK WATERSHED



"Blue Infrastructure"

- **55 Acre Lake**
 - Flood control/detention up to 250 acre-feet in 100- year storm event
 - Protects aquifer
 - Filtration for water quality discharge to Fisher Creek
- **Urban Canal**
 - Convey urban runoff in 100-year storm event
 - Lake aeration, running canal water throughout year
 - Pedestrian & bike circulation
- **Fisher Creek**
 - Storm water management
 - Habitat creation
 - Pedestrian, bike & equestrian circulation
- **Laguna Seca Detention Basins**
 - Expanding flood storage capacity
 - Protect tributaries
- **Parkway Loop & Monterey Road**
 - Integrated storm water management

FIGURE 6: BLUE INFRASTRUCTURE

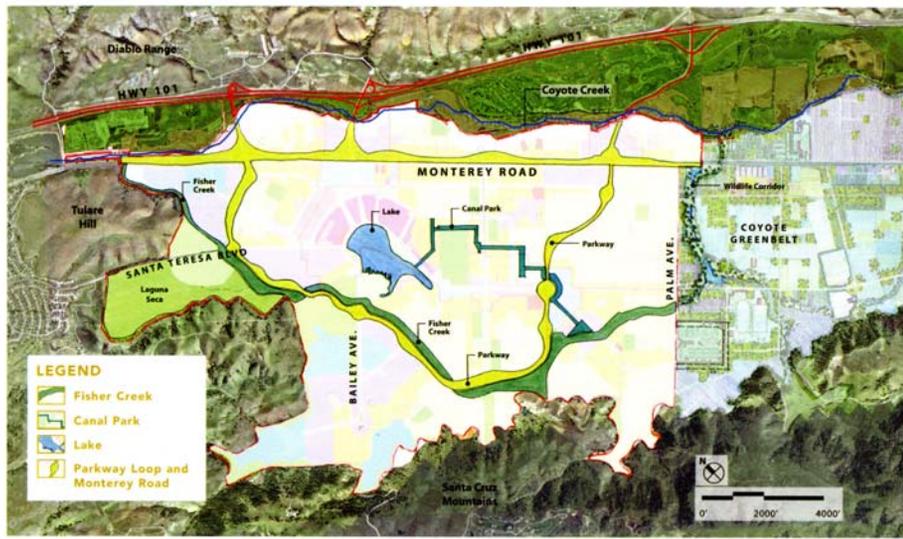


FIGURE 7: GREEN INFRASTRUCTURE



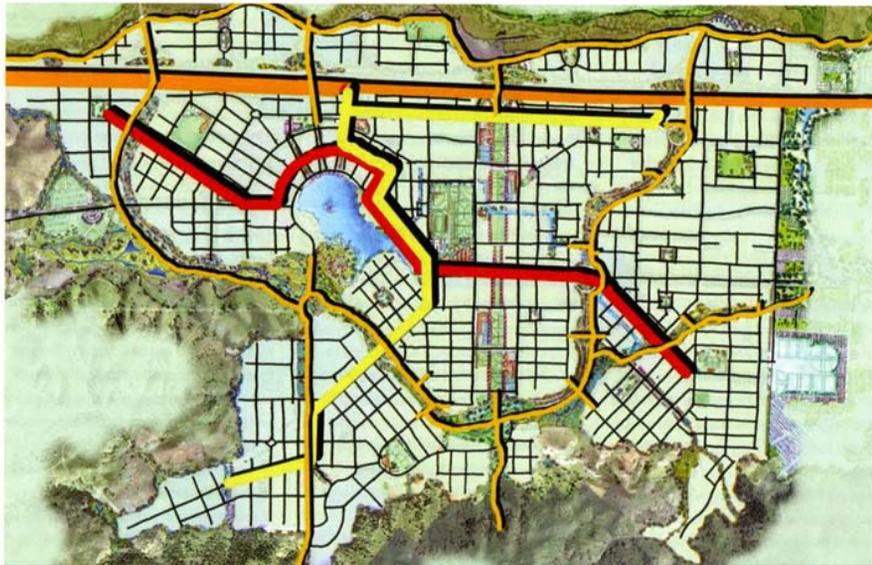
What is Green Infrastructure?

- **Network of parks, open space, recreation and multi-use trails that makes a community livable.**
- **Ten-minute walk to open countryside, parks and recreation.**
- **Visual, scenic open space.**

"Green Infrastructure"

- **Park Network**
- **Active Recreation**
- **Natural Open Space**
- **Amenities**
- **Surrounding Hills**
- **Visual Open Space**
- **Central Commons**
- **Agricultural Hedgerow Windbreaks**
- **Schools With Shared Recreational Facilities**
- **Network of Multi-use Trails**
- **Appropriate Setbacks from Creek**
- **Avoiding Sensitive Habitat Areas**
- **Dual Use Fields (for Recreation and Storm Water Detention)**

FIGURE 8: NEIGHBORHOOD CONNECTED BY TRANSIT AND TRAILS



STREET NETWORKS



What is Mobility?

- **Network of regional/in-Valley transit, parkway, grided streets & boulevards**
- **Compact, walkable community**
- **Interconnected, pedestrian & bike friendly**
- **Priorities**
 1. Pedestrians
 2. Bicycles
 3. Transit
 4. Carpools
 5. Single occupant vehicles

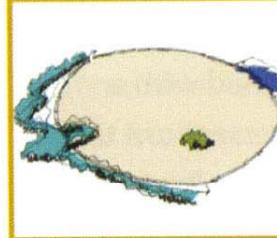
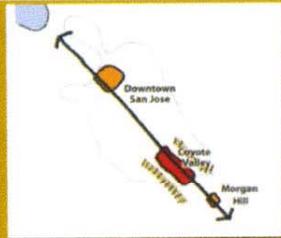


FIGURE 9: DNA OF THE COMMUNITY

COMMUNITY STRUCTURE

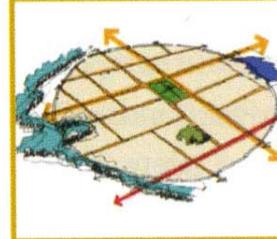
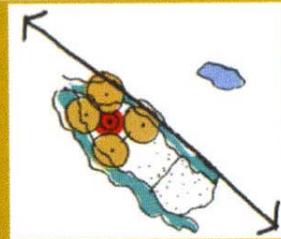
**PUBLIC REALM/
GREEN INFRASTRUCTURE**

Region



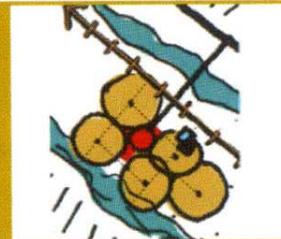
**Environmental
Footprint**

Coyote Valley



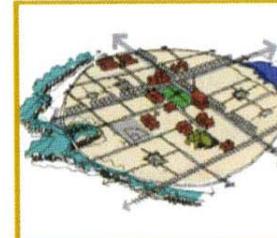
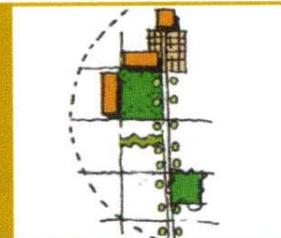
**Connections/
Linkages**

**Neighborhood/
District/
Corridor**



**Open Space/
Recreation/
Landscape**

**Block/Street/
Building**

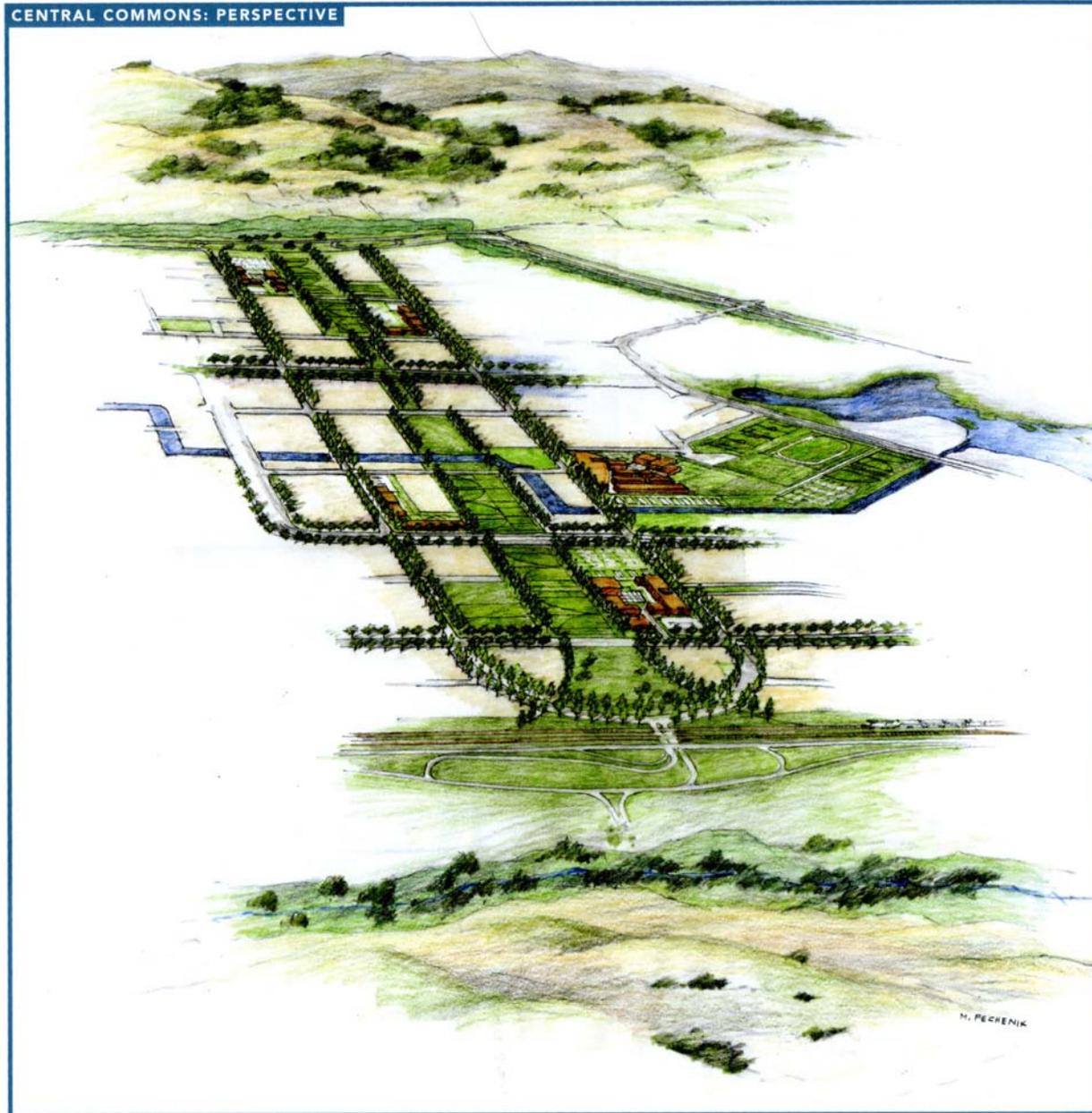


**Public
Buildings**

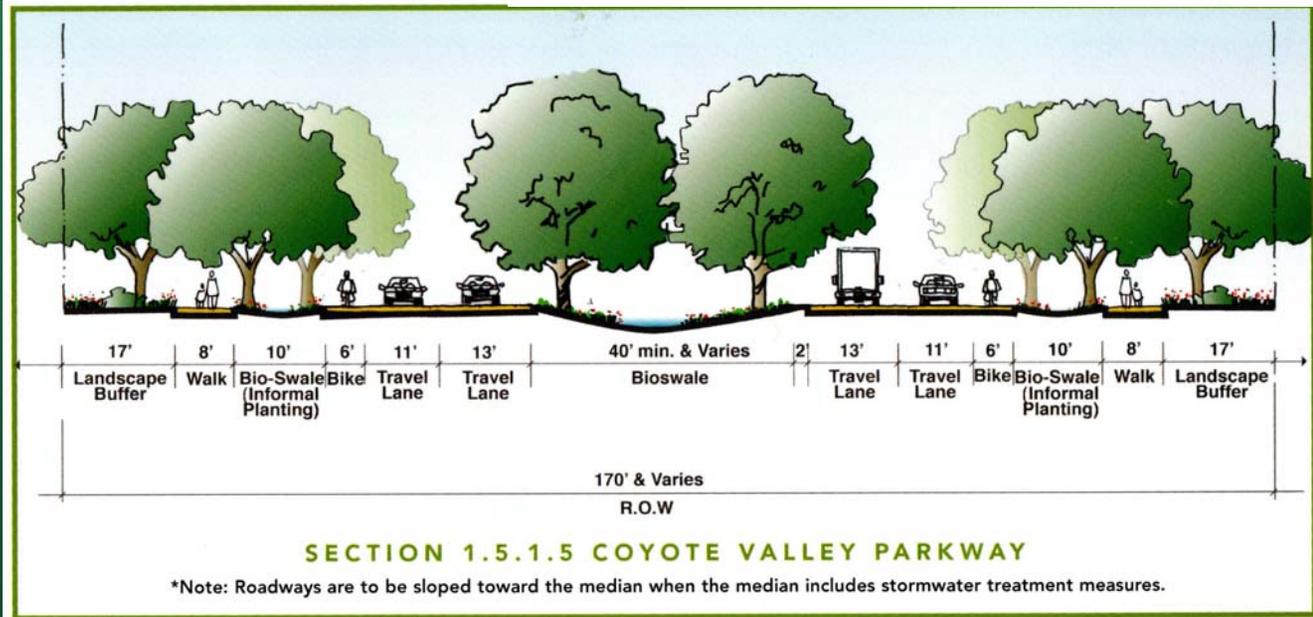
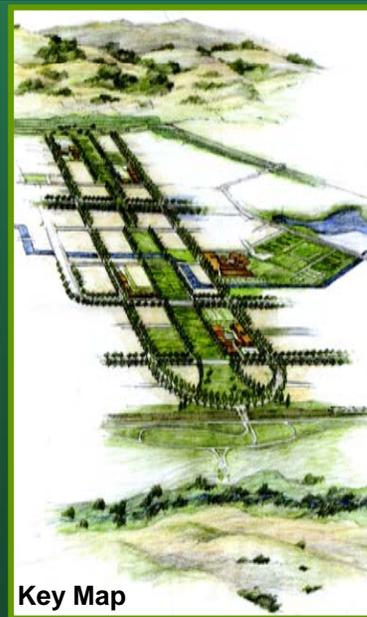
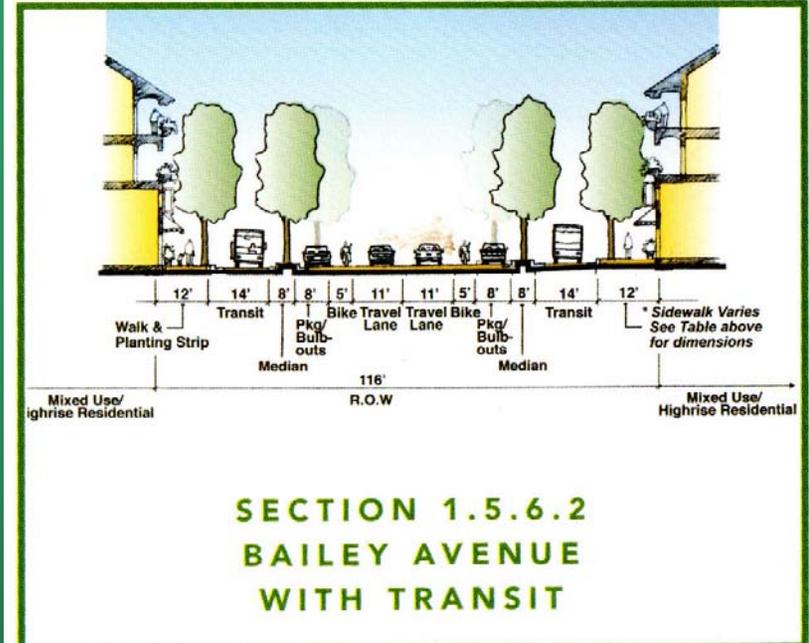
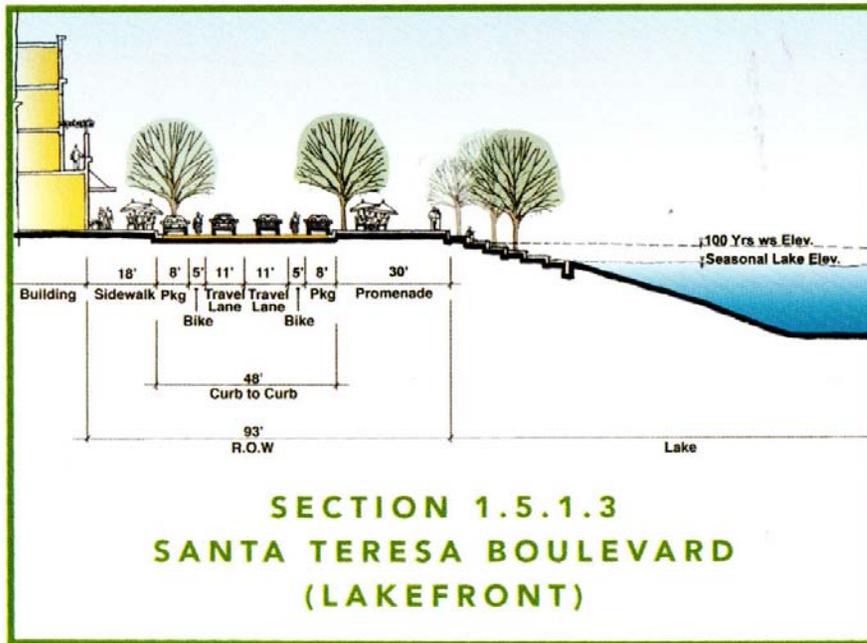
URBAN TO RURAL TRANSECT

FIGURE 28: ILLUSTRATIVE SKETCHES OF CENTRAL COMMONS (CONT'D)

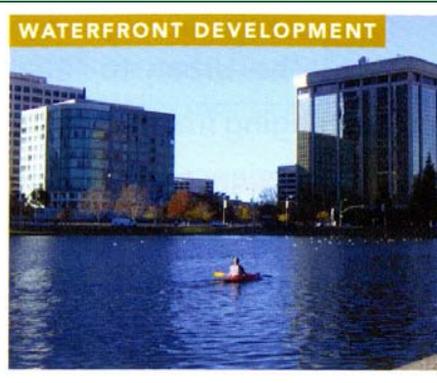
CENTRAL COMMONS: PERSPECTIVE



URBAN TO RURAL TRANSECT- STREET CROSS SECTIONS



URBAN DESIGN EXPERIENCE



Council Discussion