



ENVIRONMENT



GROUP 4



ECONOMY

COMMUNITY

CULTURE

Group 4 Architecture, Research + Planning is a **full-service architecture firm** composed of inspired and talented individuals dedicated to creating **vibrant public places** that cultivate dynamic communities. Our **highly participatory process** and integrated team approach create **award-winning** projects that are a **collective expression** of the values of our clients and the communities they serve.

"Group 4 listened to the community and staff and designed a beautiful, highly functional center which we are proud of and will be enjoyed by our community for many years."

Carolyn Knudtson, Recreation and Human Services Director, City of San Leandro

SAN LEANDRO SENIOR COMMUNITY CENTER



GROUP 4

ARCHITECTURE
RESEARCH +
PLANNING, INC

650.871.0709

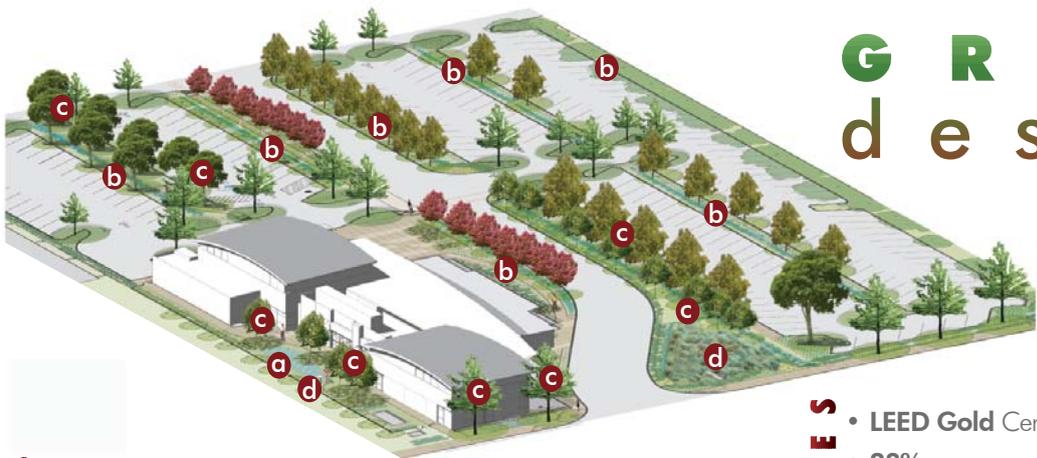
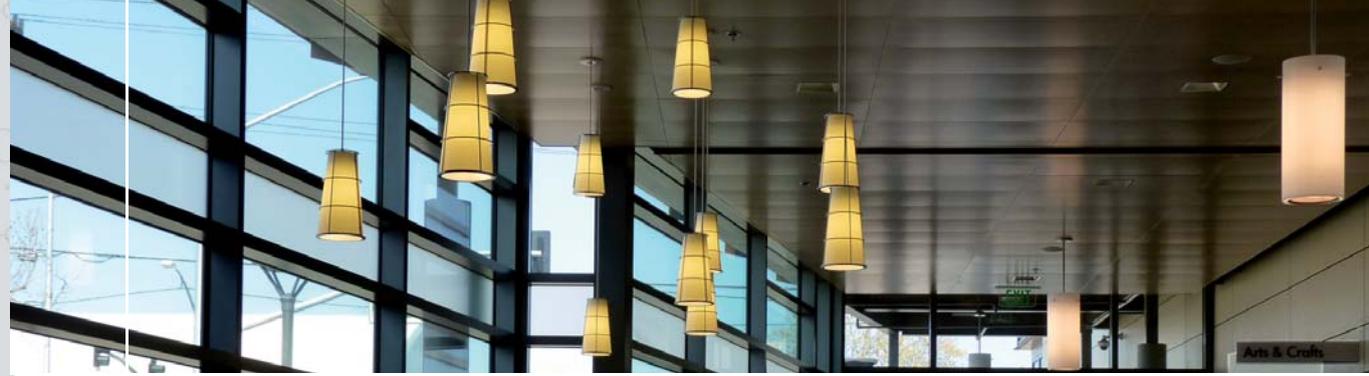
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- 01 Main Entry Lobby
- 02 Activities Room
- 03 Main Hall
- 04 Exterior Porch
- 05 Kitchen
- 06 Staff
- 07 Computer Room
- 08 Lounge
- 09 Classroom
- 10 Classroom
- 11 Garden Courtyard
- 12 Street Entry
- 13 Arts + Crafts
- 14 Exercise Room



GREEN design

LANDSCAPE FEATURES

- (a) Water Retention Basin**
Collecting and retaining roof water on site for a short period of time reduces flooding, reduces downstream erosion, and improves water quality.
- (b) Bioswale / Infiltration Basin**
The swale's sloped sides, rock cobble, and vegetation remove silt and pollution from parking surface runoff.
- (c) Native + Adaptive Vegetation**
Native Californian and Mediterranean species require low amounts of water and are well suited to thrive in native habitats.
- (d) Open Space**
Native planting, vegetated open spaces, trees, and water features attract regional wildlife species to the site.

BUILDING FEATURES

- LEED Gold Certified
- 28% more energy efficient than CA baseline standards
- 41% recycled content
- 32% of materials sourced regionally
- 90% of construction waste diverted from landfills
- siting + orientation minimize solar heat gain
- water-efficient fixtures reduce potable water consumption by more than 34%
- highly insulated building envelope
- high-efficiency heating + cooling systems
- dual container recycle/trash bins
- easily accessible by public + alternative transportation



- A** cement board rain screen panels reflect solar radiation
- B** low-E windows filter long wave radiation
- C** metal siding is durable, 100% recyclable + affordable
- D** translucent glazing diffuses light + eliminates glare
- E** stone tile has an enduring life cycle + is 100% recyclable
- F** perimeter trees shade the building, reducing energy use
- G** roof insulation increases energy efficiency
- H** wall insulation reduces temperature fluctuations, eliminates drafts + reduces noise

The vision for the San Leandro Senior Community Center was of an active community gathering space. At its heart, the center is about connections:

- **seniors + community** – Through a wide range of wellness, cultural, recreational, and social programs and services, the center is a vital resource for seniors. Its open design welcomes community members of all ages to participate, reinforcing and enhancing seniors' connection to their community.
- **building + street** – The center's siting and massing engage its urban context, while views of events within the building through large windows activate the street and invite passersby to participate.
- **interior spaces** – Navigation through the building is easy, with program elements organized along a central "boulevard" that links the eastern street entrance with the western plaza. The building's layout also supports efficient staffing through excellent visual connections between major program and public spaces, the lobby, and the central staff desk.
- **building + environment** – The building and site respect, protect, and enhance the environment through a broad variety of green strategies that resulted in LEED Gold certification by the US Green Building Council.

