



CITY OF RIDGECREST CA

SGT. PINNEY POOL REPLACEMENT

A usable, functional, and happy place for the whole community.





COMMUNITY ENGAGEMENT

A participatory design process has a positive impact on community wellness.

The development of public spaces in turn becomes a reflection of this process that is fostering social connection and interaction within our communities.



Engaging site analysis exercises give community members the feeling of ownership and a voice in design decisions that will ultimately shape their own experiences.



Diverse members of Ridgecrest community participating in a site analysis collaboration exercise for Pinney Pool needs assessment.



POOL SPECIFICATIONS

COMPETITION POOL

6,150 FT²

- Organized Swim Meets
- Organized Diving Meets
- All year Family Fun
- ROI (return on investment) Functions

CHILDREN'S POOL

3,000 FT²

- Safe and Engaging Area For Young Children

THERAPY POOL

1,200 FT²

- Warmer Water Increases Mobility
- Recreational Exercise
- Organized Aquatic Exercise/Therapy Sessions



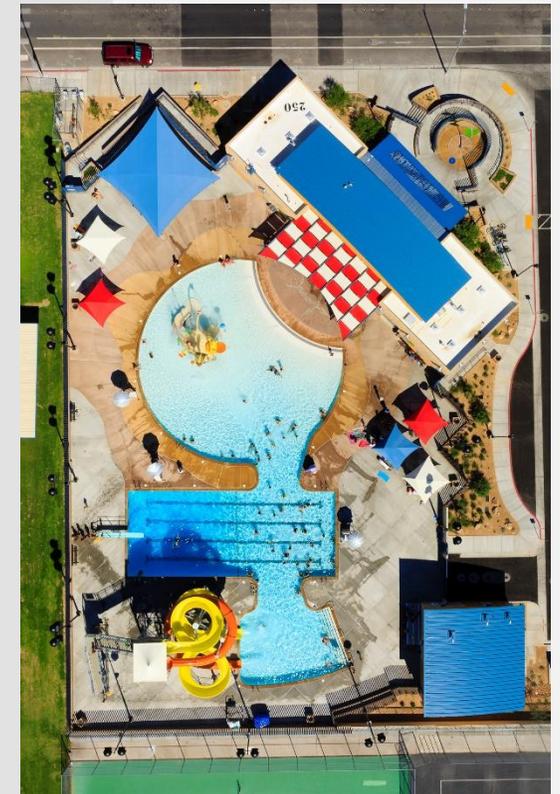
Washington Swim Center by Aquatic Design Group



W. Sacramento Rec. Center by Aquatic Design Group



City of Eugene Echo Hollow Pool by Aquatic Design Group



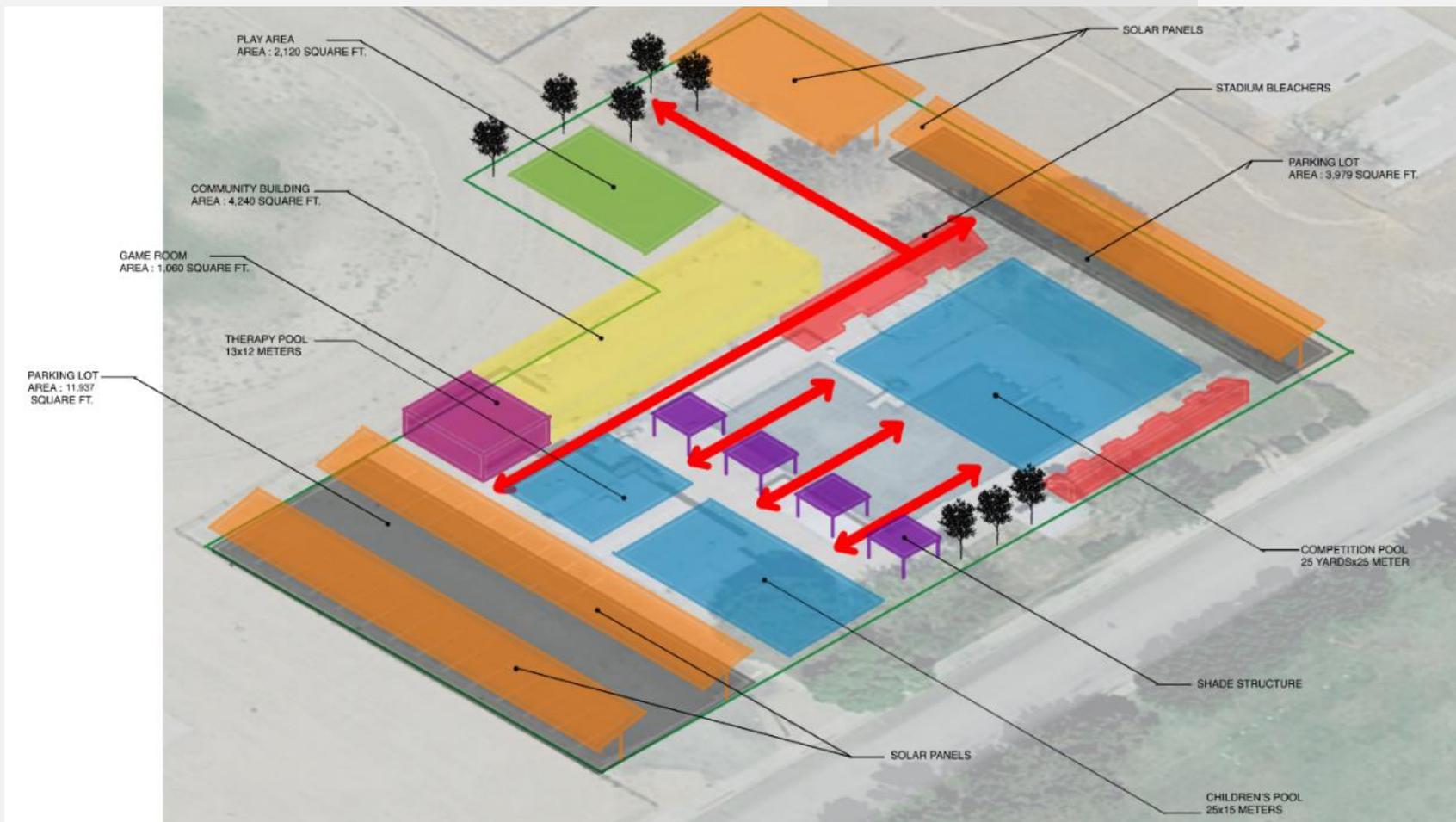
City of Las Vegas Garside Pool by Aquatic Design Group





BUILDING MASSING

Community input helps us shape the vision of the project, ensuring we respond to local needs that support developing ideas.



After attending the town hall meeting and listening to what the members of Ridgecrest had to say about their needs and concerns we went to the drawing board, developing massing models and refining them to react to environmental challenges. These models allowed us to key in on the rough size/scale of the areas that would accommodate the various needs presented by the community.

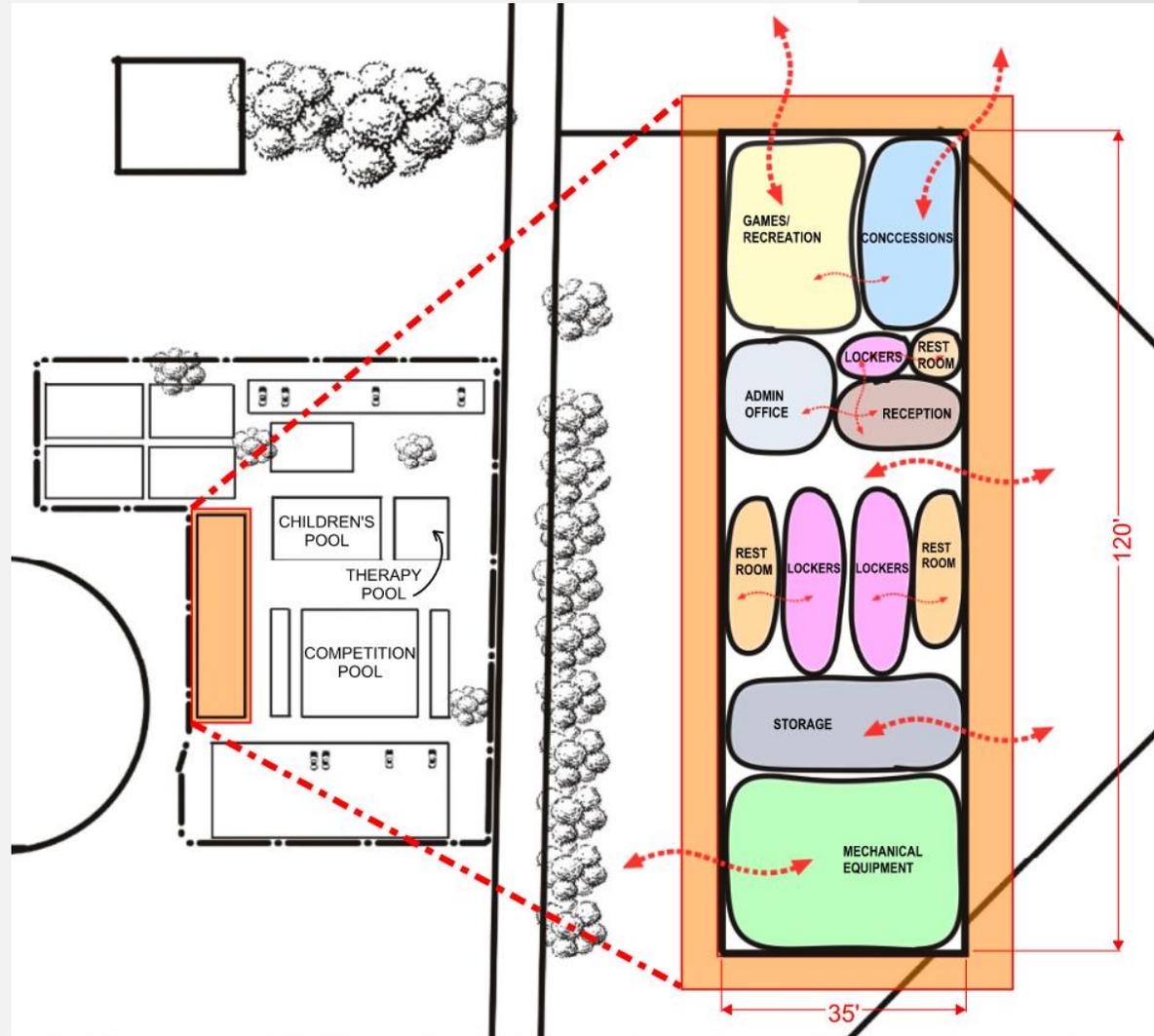




PRELIMINARY PLANS

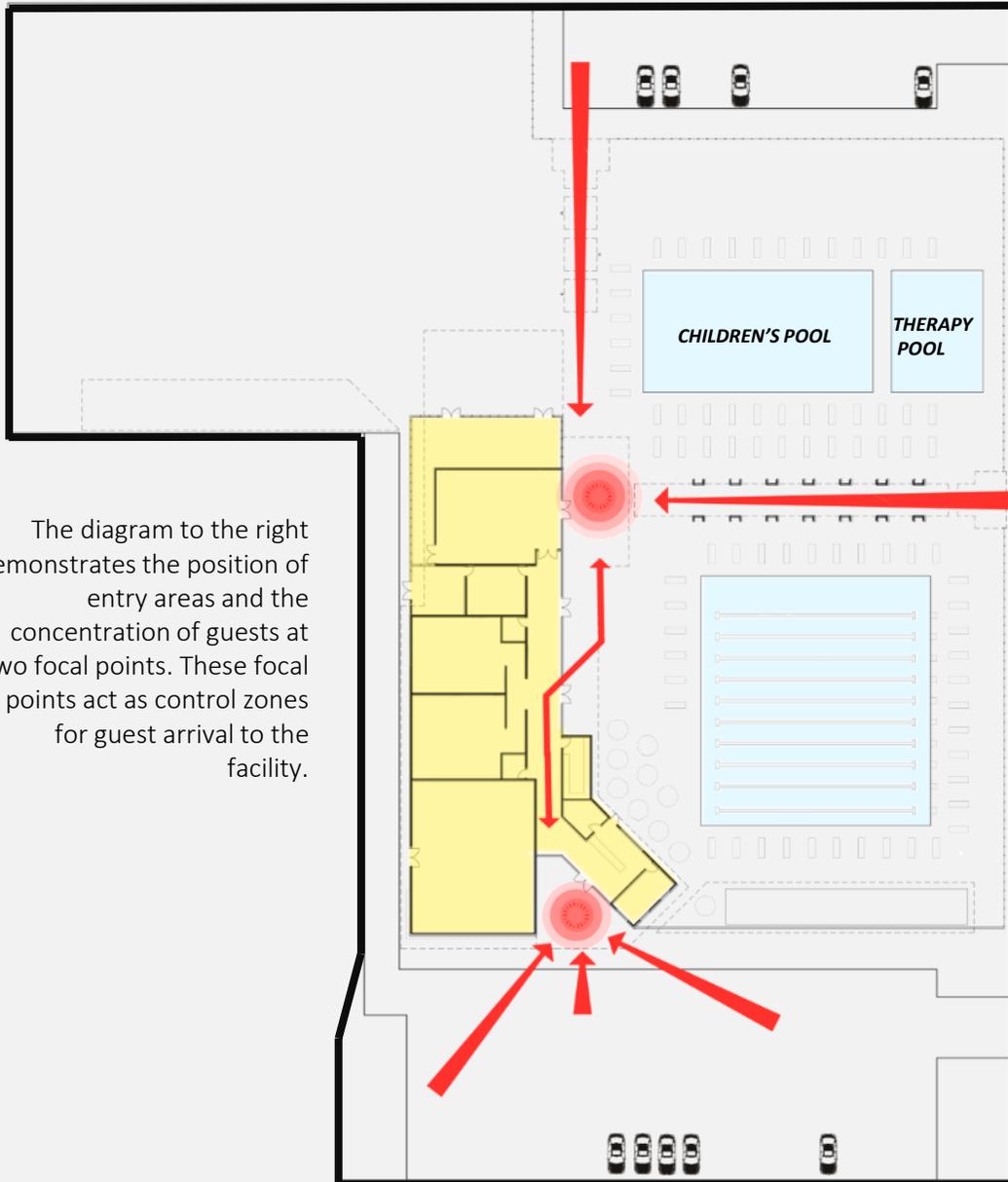
USE	ESTIMATED SQUARE FOOTAGE
Mechanical Equipment	2,000
Locker Rooms/Rest Rooms/Personal Showers	1,750
Administration	500
Rentable Space i.e. Recreation Space	1,000
Kitchen & Service Room	600
Concession Stand	200
Detached Storage	TBD
	6,050 Total

Below is a bubble diagram we developed that allowed us to hone in on appropriate scale and hierarchy of room space for the building's layout. In addition to this, the diagram aided us in determining user circulation in and around the building.

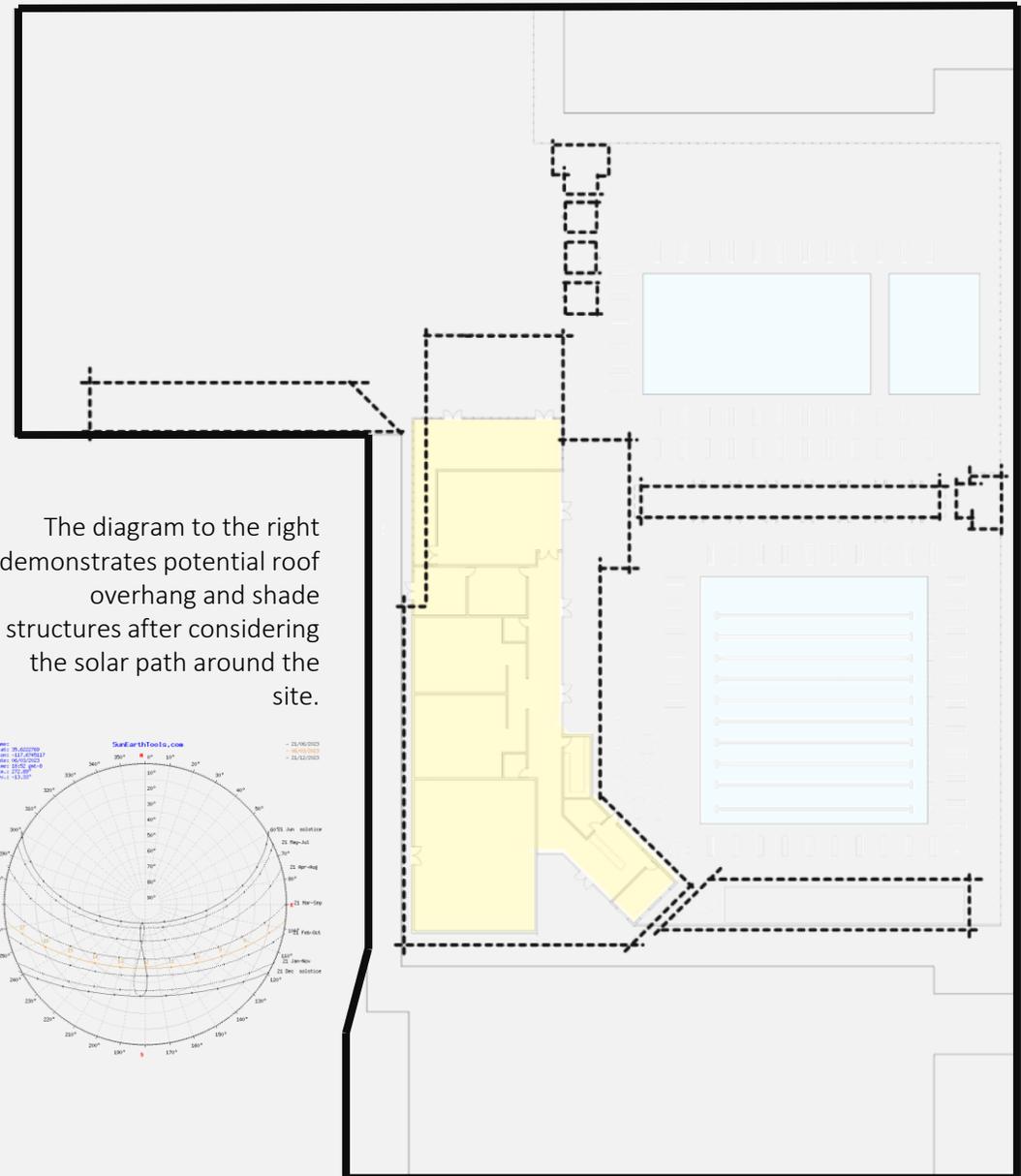
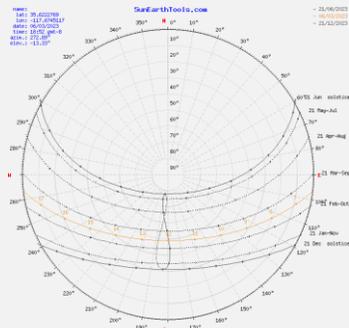


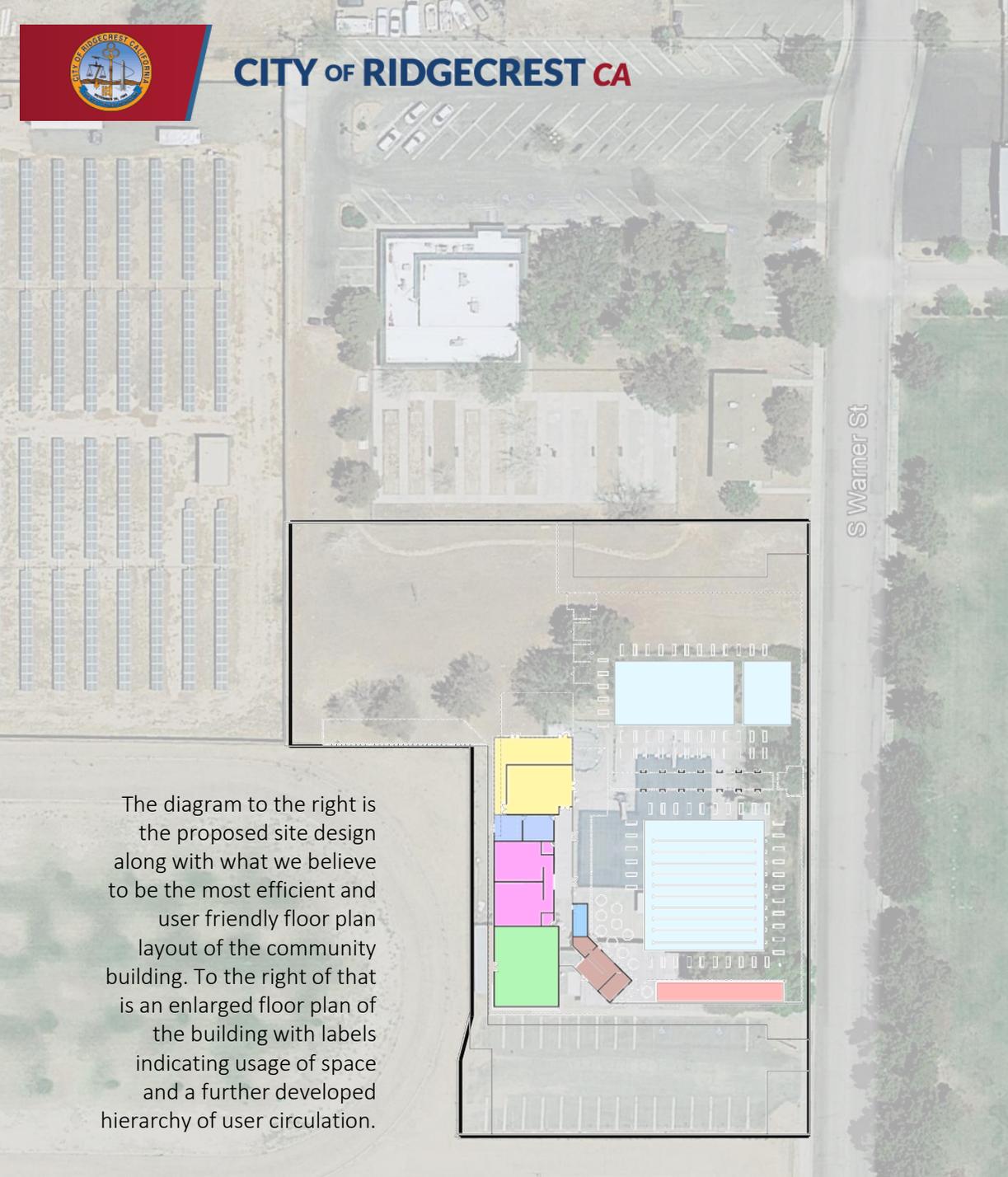


The diagram to the right demonstrates the position of entry areas and the concentration of guests at two focal points. These focal points act as control zones for guest arrival to the facility.



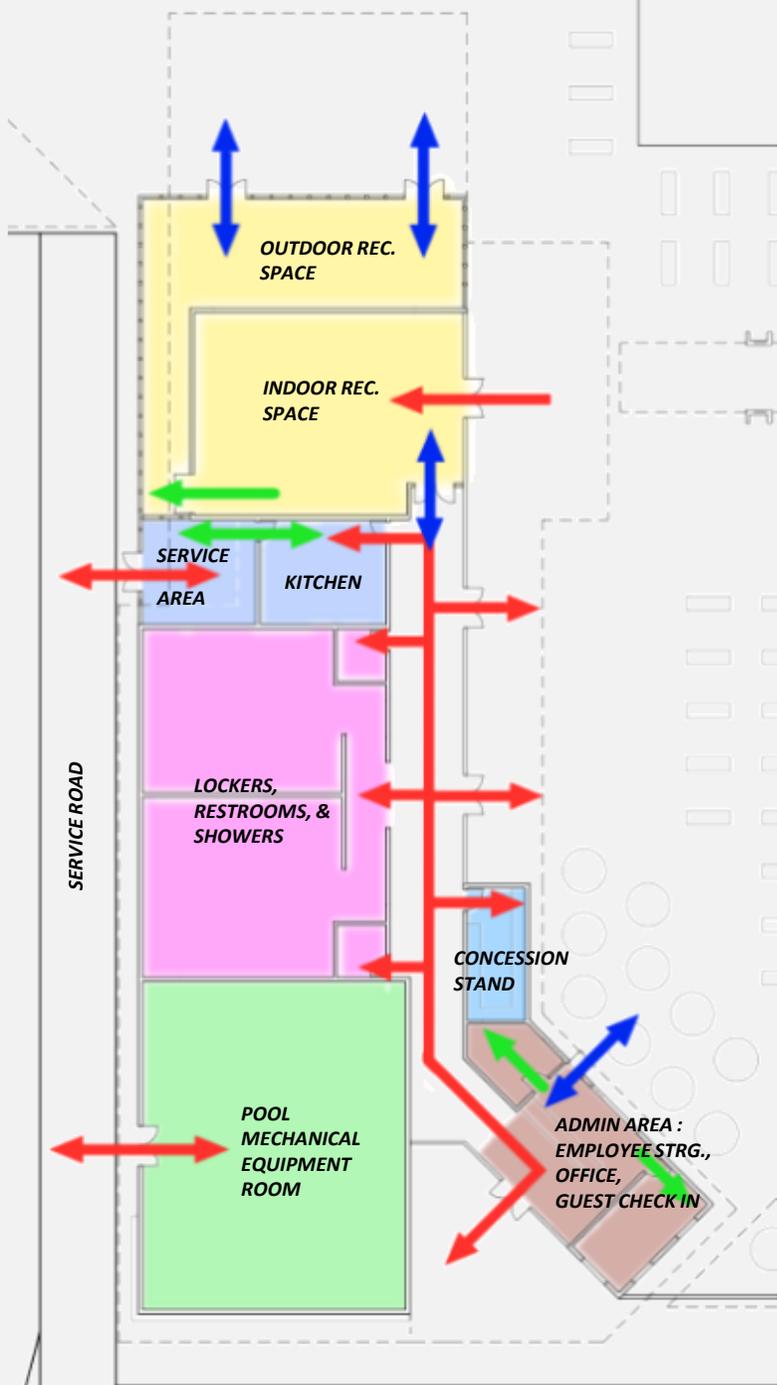
The diagram to the right demonstrates potential roof overhang and shade structures after considering the solar path around the site.





S Warner St

The diagram to the right is the proposed site design along with what we believe to be the most efficient and user friendly floor plan layout of the community building. To the right of that is an enlarged floor plan of the building with labels indicating usage of space and a further developed hierarchy of user circulation.



KEY :

-  PRIMARY CIRCULATION
-  SECONDARY CIRCULATION
-  TERTIARY CIRCULATION





COMPARATIVE INSPIRATION



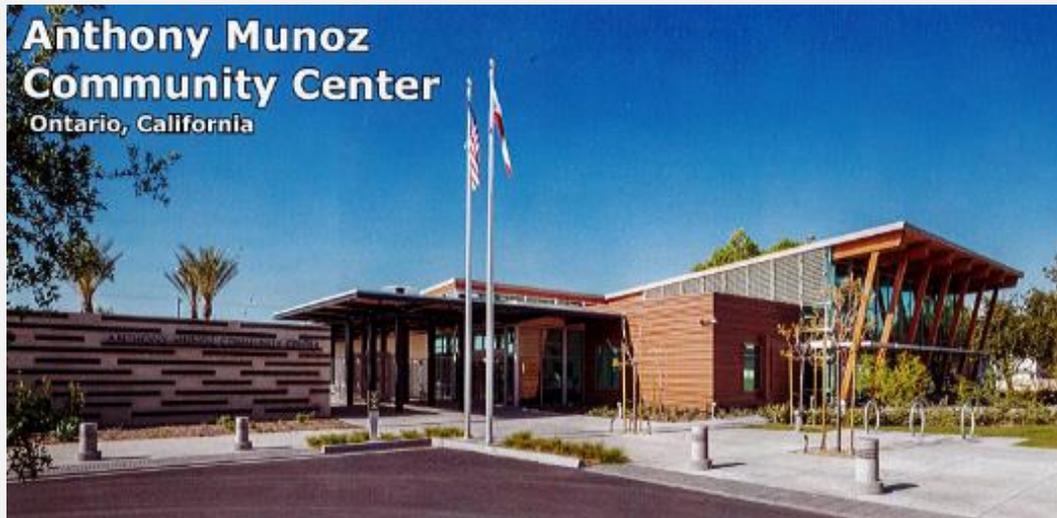
The use of various materials such as glass, steel, and wood creates an open concept entrance with a distinct separation of patron/administration space. This allows for an exciting and fluid ingress to the community pools.

Portland Community College



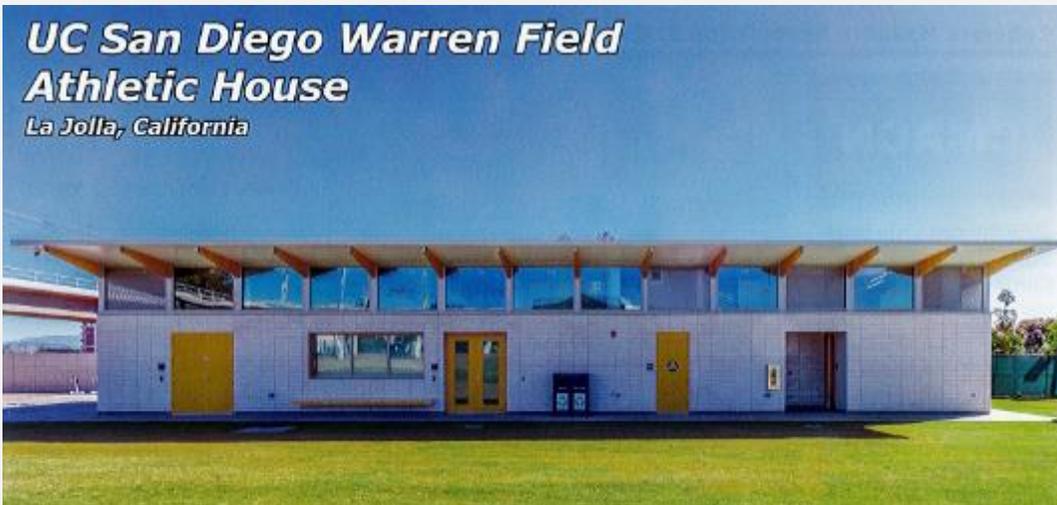
Newport Beach Civic Center

This roof system is effective at generating shade for exterior spaces while simultaneously allowing light to enter interior spaces of the building through clerestories.



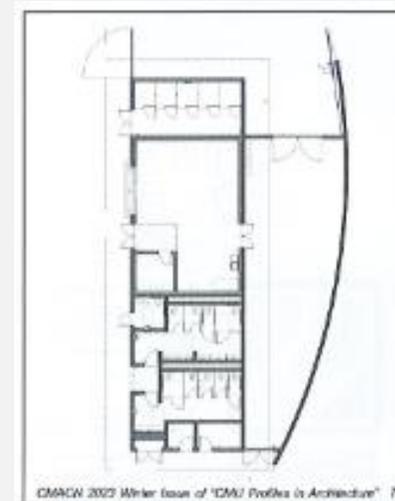
Anthony Munoz Community Center
Ontario, California

This Community Center is an inspiration when considering the Architect's use of materials, more specifically the aesthetic and sustainable properties, long term durability, as well as cost and energy efficiency. The building also is an efficient use of space. The grandeur of the building's entrance effectively lures patrons while simultaneously acting as a control point for pedestrian circulation.



UC San Diego Warren Field Athletic House
La Jolla, California

This Athletic House is a prime example of efficient yet elegant building layout. The relational space between restrooms, lockers, and showers grants a logical and structured plumbing layout. The hierarchy of space opens upward, defining and directing user circulation.



CMACW 2023 Winter Issue of "CMU Profiles in Architecture" 7.





CITY OF RIDGECREST CA

THANK YOU

