

*Piedmont Community Pool Workshop Series*

*Piedmont Community Pool*  
**WORKSHOP 2**

*The City of Piedmont*  
*November 16, 2021*

*For tonight.....*

# *Piedmont Community Pool*

- *About ELS*
- *Green Approach*
- *Relevant Work*

} **15 minutes**

- *Recap: Workshop #1*
- *Master Plan of 2016*
- *Three Concepts*

} **15 minutes**

- *Charrette*
- *Team Presentations*
- *Next Steps*

} **60 minutes**



**CHRISTOPHER JUNG**  
ASSOC. AIA, LEED AP  
Design Director  
ELS



**DANA VOLLMER-GRANT**  
Associate AIA, WELL AP, CBSM  
5X Olympic Gold Medalist Aquatics Specialist  
ELS



**CLARENCE MAMUYAC**  
FAIA, LEED AP BD+C  
Principal-in-Charge  
President/CEO  
ELS



**KIM-VAN TRUONG**  
AIA, LEED AP BD+C, Assoc DBIA  
Project Manager, Associate Principal  
ELS



**ANTHONY GRAND**  
AIA, LEED AP BD+C  
Design Director  
ELS



**WILLIAM GORDON**  
AIA, LEED AP BD+C  
Director – Interior Architecture  
ELS



**MARCO ESPOSITO**  
ASLA  
Landscape Architect  
SWA



**SUSAN VUTZ**  
AIA, LEED AP BD+C, Assoc DBIA  
Associate Principal  
ELS



**JEFF ZIEBA**  
AIA, LEED AP BD+C, CASp  
Principal  
ELS



**MARK SCHATZ**  
FAIA  
Principal  
ELS





***FAST WATER***



COMPETITION WATER



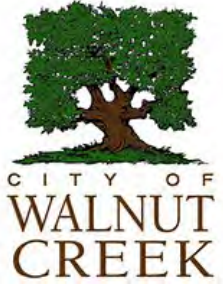
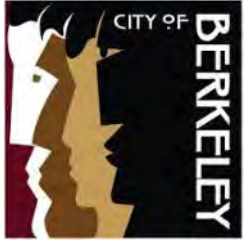
*Cal*



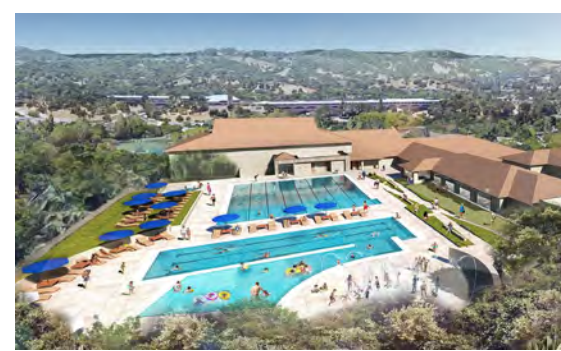
AQUATIC



**CHAMPIONSHIP WATER**







**COMMUNITY AQUATICS**



City of Elk Grove

# ELK GROVE CIVIC AQUATICS CENTER

Elk Grove

# \$21 MM



els/

City of Elk Grove  
ELK GROVE CIVIC AQUATICS CENTER



City of Elk Grove  
ELK GROVE CIVIC AQUATICS CENTER



City of Oakland  
EAST OAKLAND SPORTS AND AQUATICS CENTER

\$25 MM



City of Oakland  
EAST OAKLAND SPORTS AND AQUATICS CENTER



City of Oakland  
EAST OAKLAND SPORTS AND AQUATICS CENTER



College of Marin  
MIWOK AQUATICS AND WELLNESS CENTER  
\$34 MM





College of Marin  
MIWOK AQUATICS AND WELLNESS CENTER



College of Marin  
MIWOK AQUATICS AND WELLNESS CENTER



City of Redwood City  
Redwood City Aquatics Center

\$45 MM



City of Redwood City  
Redwood City Aquatics Center



# City of Redwood City Redwood City Aquatics Center



City of Mountain View  
RENGSTORFF AQUATIC CENTER

\$20 MM



els/

City of Mountain View  
RENGSTORFF AQUATIC CENTER





**KIM-VAN**

*AIA, LEED AP BD+C, Assoc. DBIA*

*Project Manager*

***“City of Piedmont has developed its second version of its Climate Action Plan (CAP) in a significant step toward achieving our greenhouse gas reduction goals.”***

***City of Piedmont***

***GREEN Design:***

***ALL-ELECTRIC +***

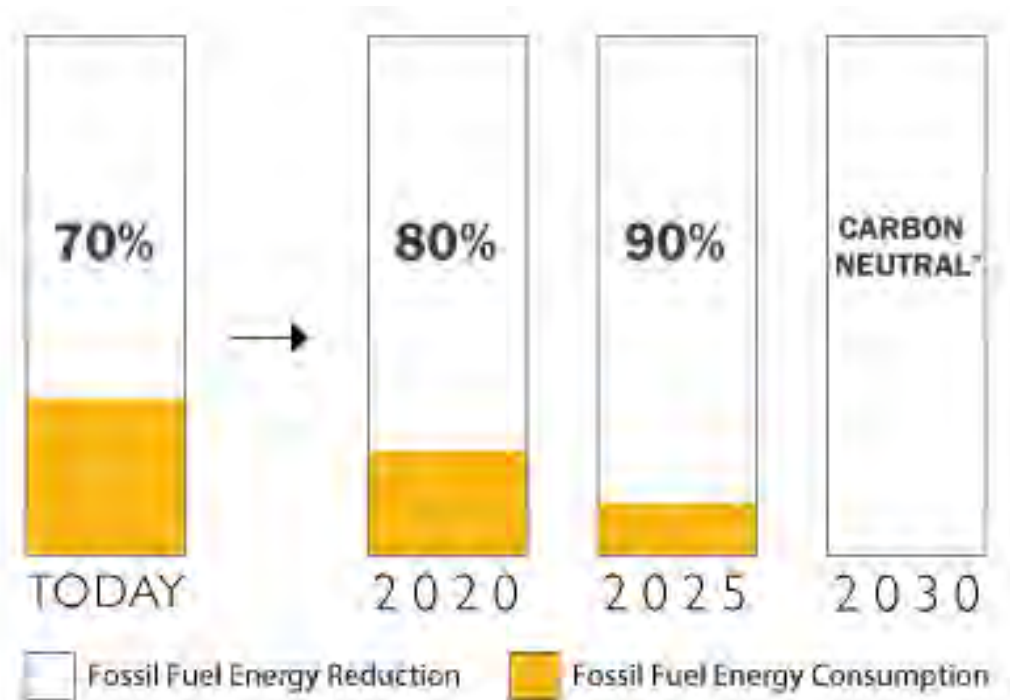
***CARBON NEUTRALITY***





**TWO PRIMARY OBJECTIVES:**

- **Achieve a dramatic reduction in the energy consumption and CO<sub>2</sub> emissions of the built environment by 2030, and a complete phase-out of fossil fuel CO<sub>2</sub> emissions by 2040; and,**
- **Advance the development of sustainable, resilient, equitable, and zero-carbon buildings**



# High Performance Building Design

- Energy efficiency
- Water use reduction
- Healthy buildings
- Materials and resource efficiency
- Operational Savings
- RESILIENT DESIGN



LIVING  
BUILDING  
CHALLENGE





City of Morgan Hill

LEED® SILVER





City of Oakland

LEED® SILVER





City of Santa Clara

LEED® PLATINUM





City of Redwood City

LEED® PLATINUM

els/



San Mateo Community College District

LEED® GOLD



Rengstorff



City of Mountain View

LEED® GOLD



els/



Rengstorff



City of Mountain View  
**LEED® GOLD**





**DANA**

*Associate AIA, WELL AP  
5X Olympic Gold Medalist  
Programming Specialist*

# PROGRAMMING + WELL

*“Functional and Innovative”*

*“Health and Wellness Focused”*





*5X Olympic Gold Medalist*





**PIEDMONT COMMUNITY POOL**



**COMMUNITY WORKSHOP #1**

**THANK YOU!**





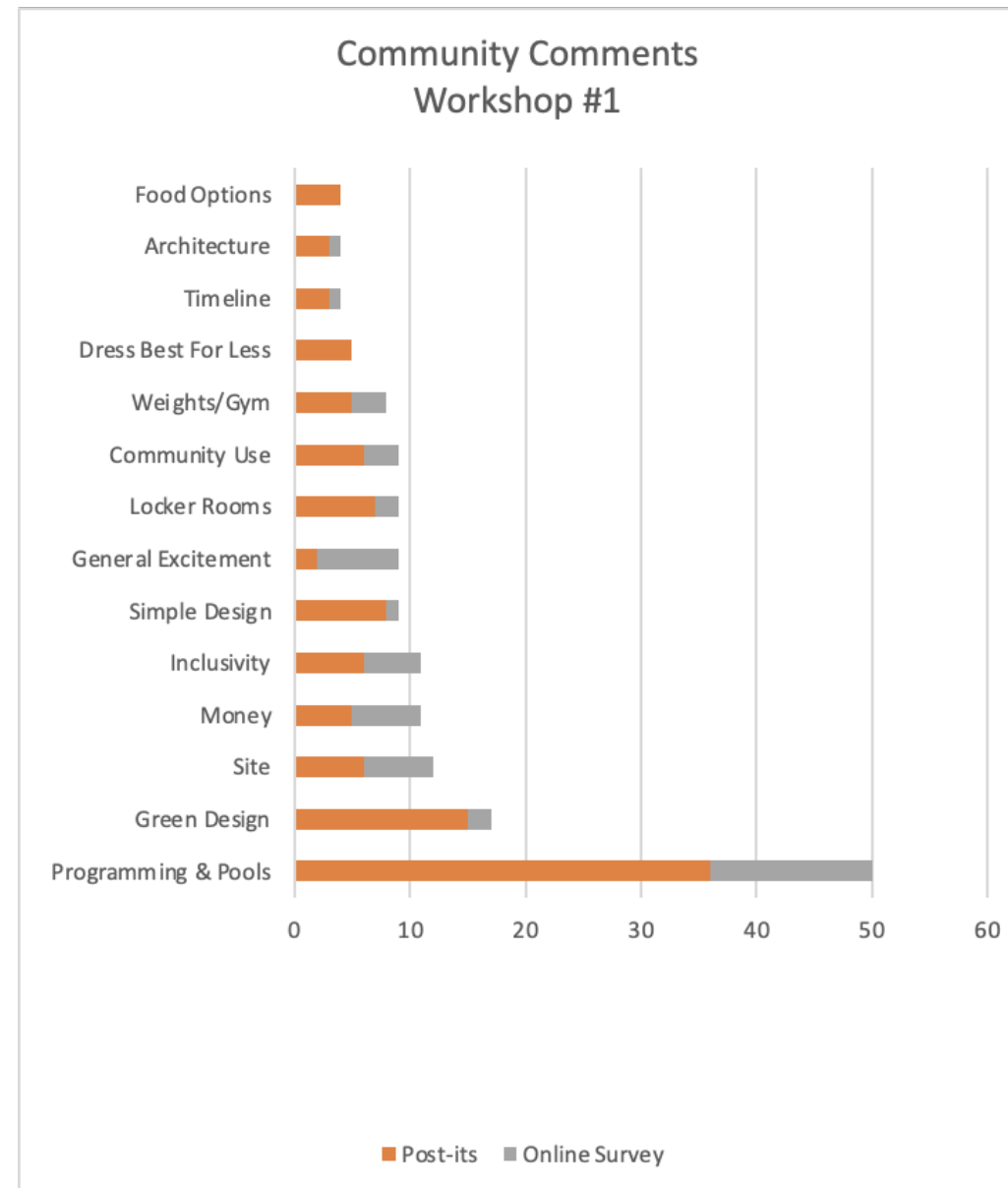


*COMPETITION  
Club + PHS Athletics*



# Community Participation

- Over 100 community members participated in Workshop #1
- 165 comments/questions collected
- 15 online survey participants
- Top 2 categories:
  - Programming & Pools
  - Green Design

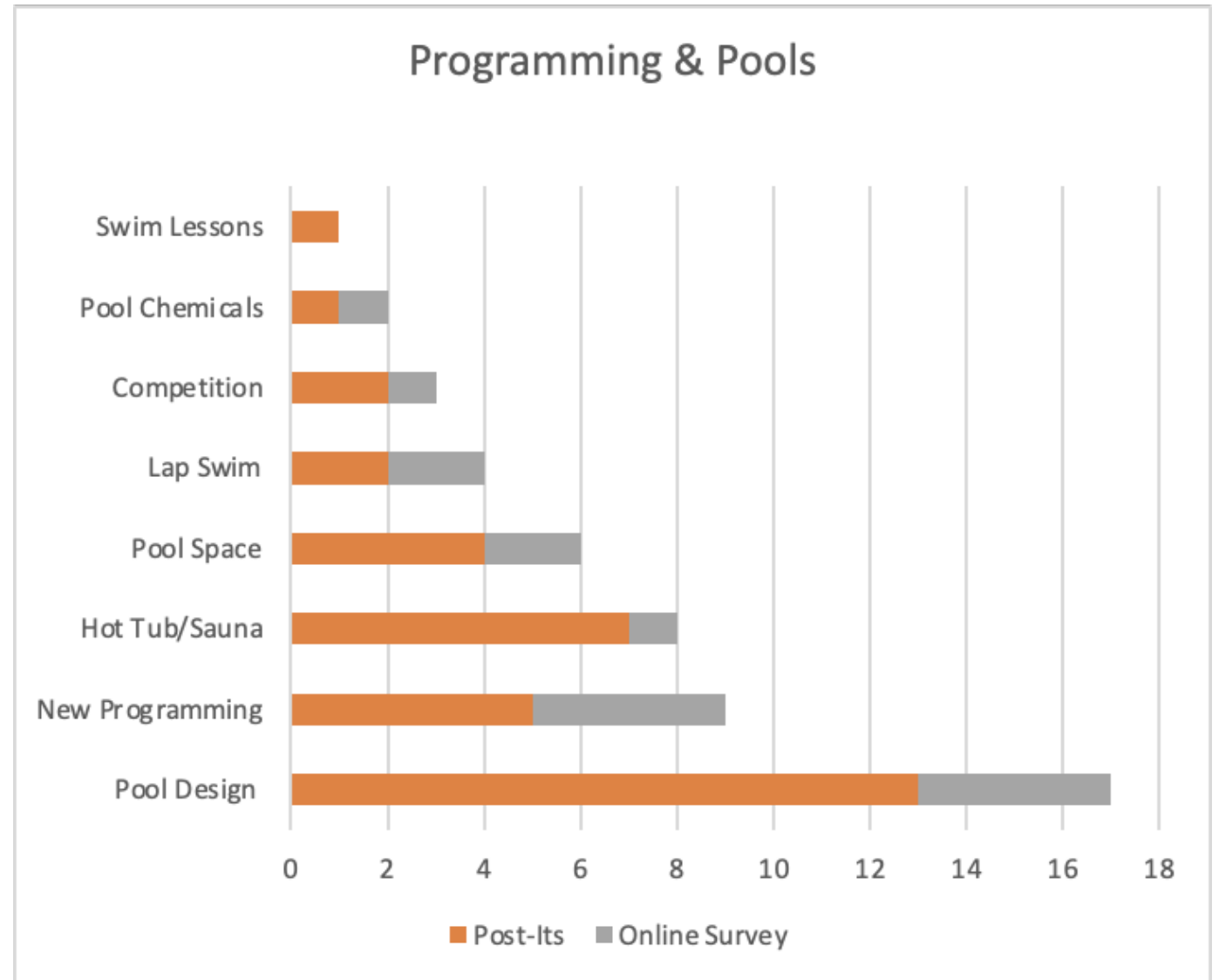




# Programming & Pools

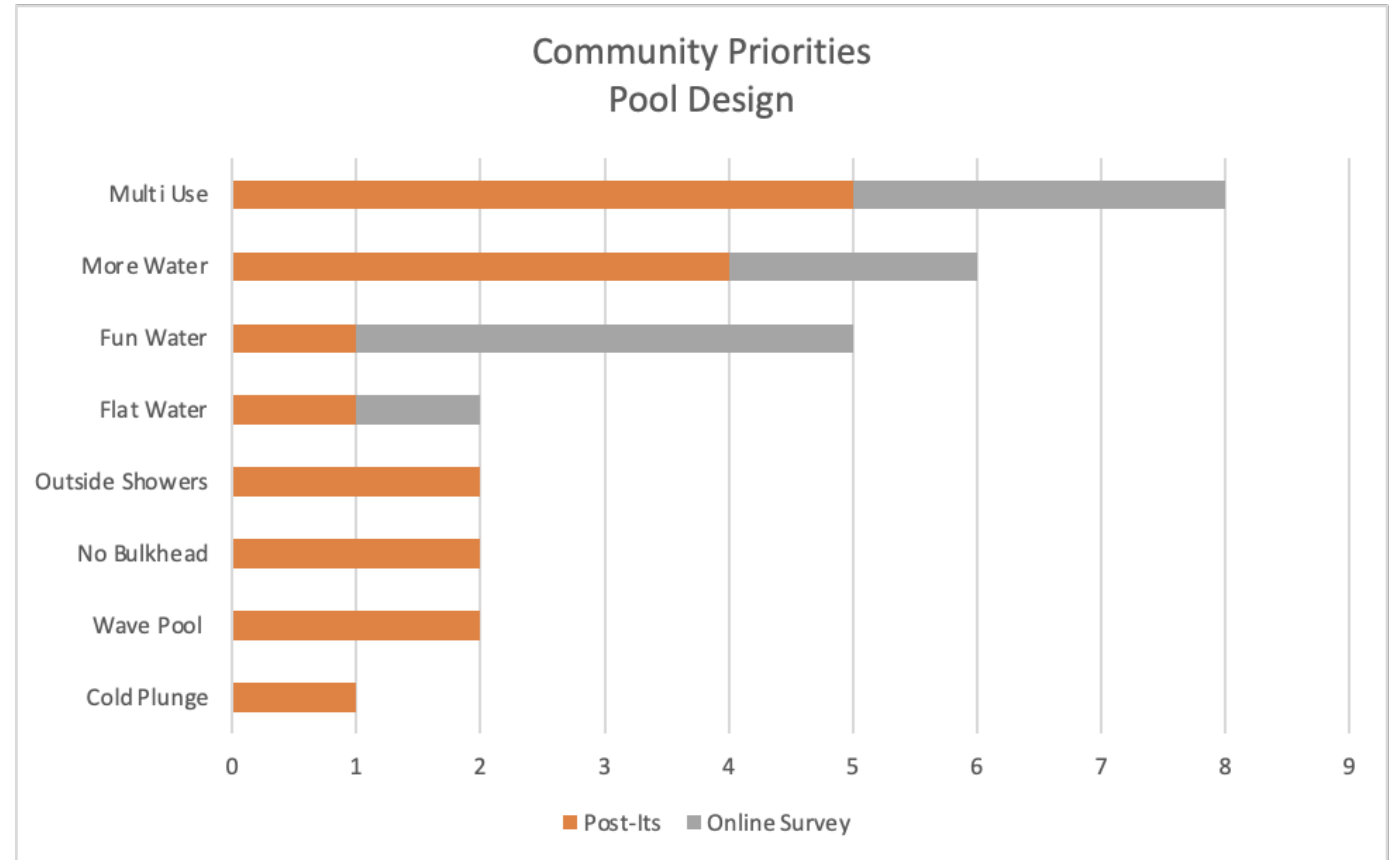
50 total comments

- Top categories:
  - Pool Design
  - New Programming
- The city and ELS will continue this discussion during both tonight's Workshop #2 and in December at Workshop #3. The program will continue its refinement in later design phases.

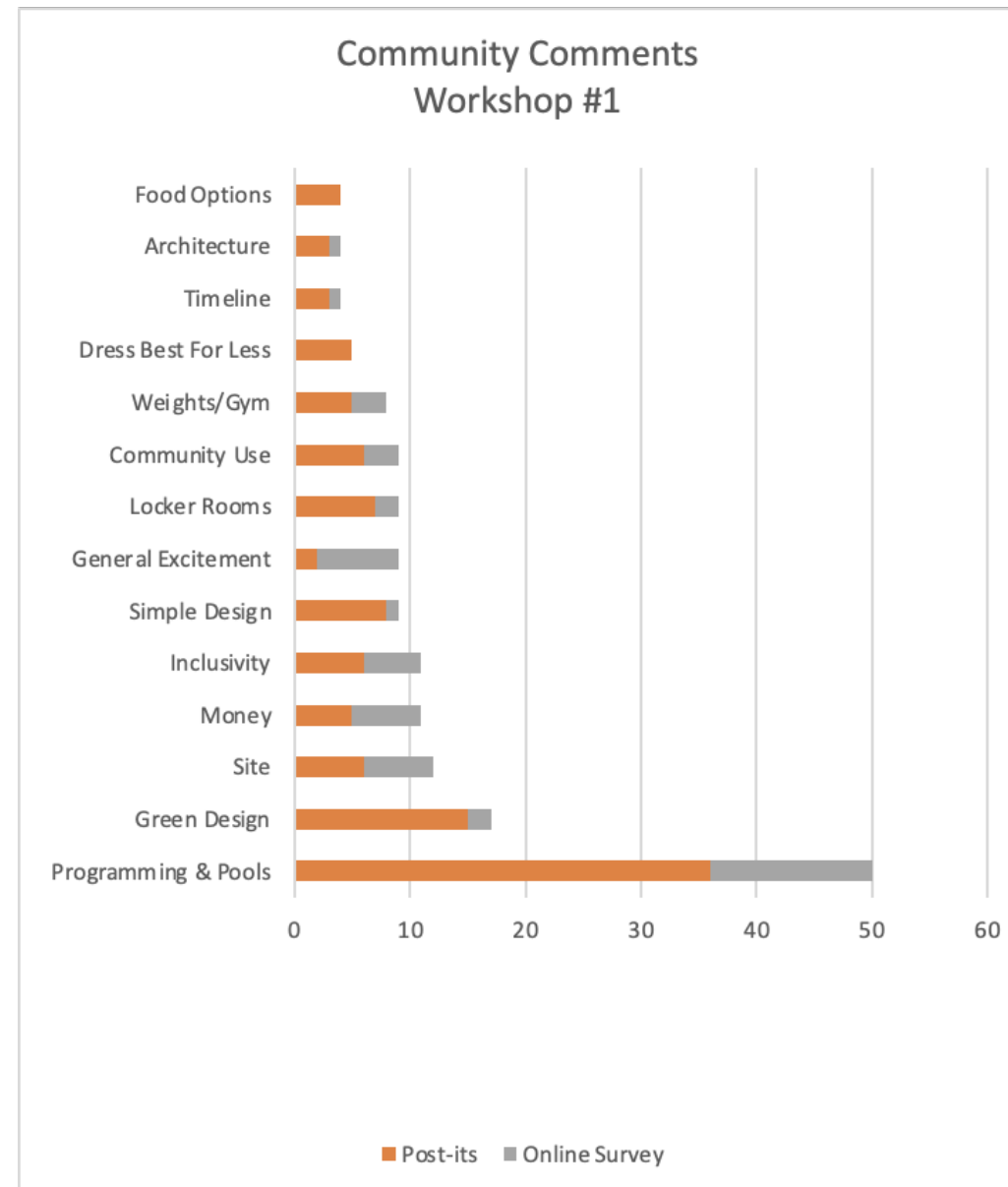


# Priorities for Pool Programming/Activities

- Provide a multigenerational space that is fun for babies to seniors.
- Prioritize adding water square footage for Piedmont
- Address the needs of families and the desire for fun recreational time
- Facilitate the needs for sports team's practices and rec sports.



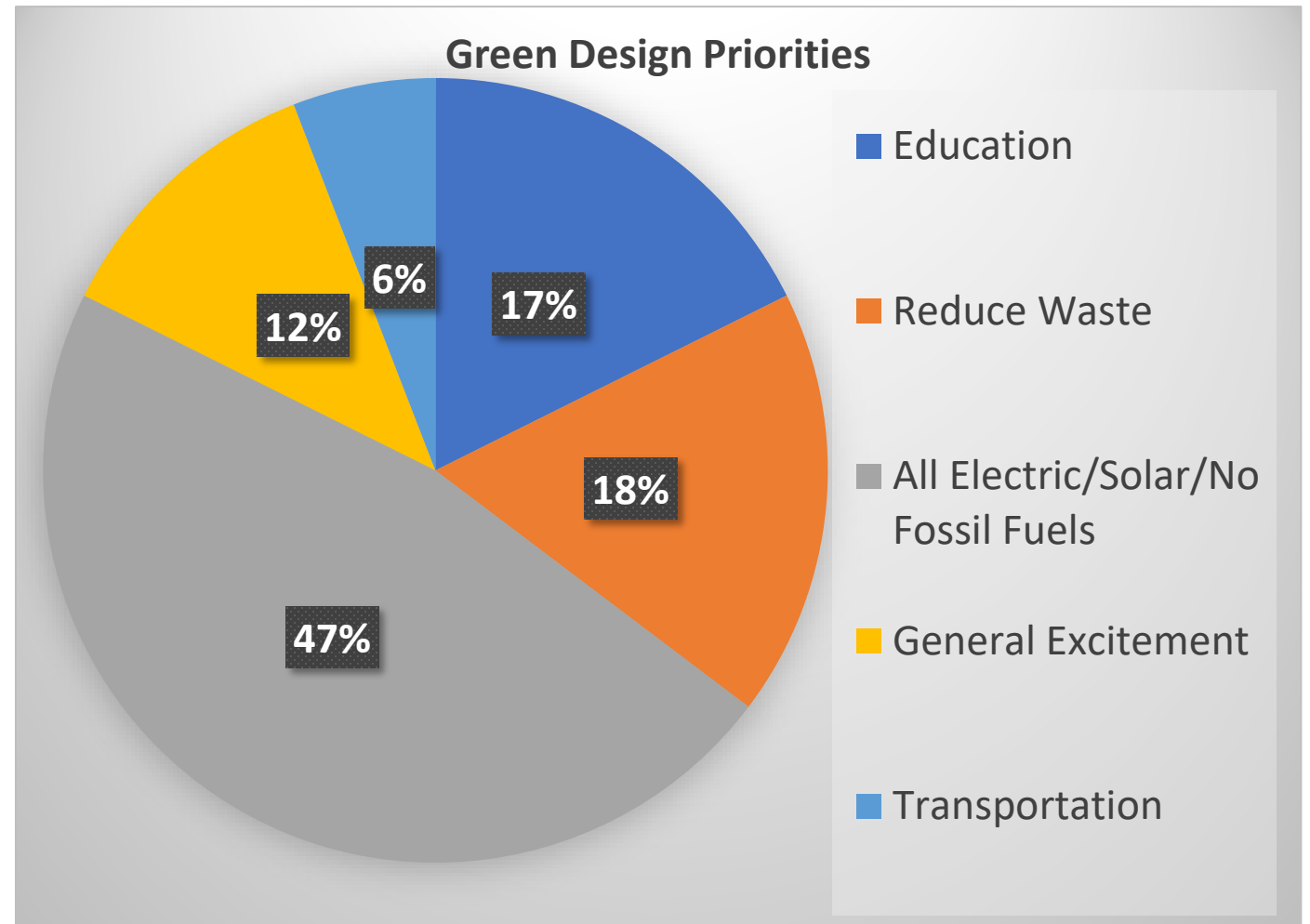
The second largest category was green design.



# Green Design

17 Total Comments

- Target an all-electric building
- Reduce waste through high quality design
- Educate the City of Piedmont through the design process
- Integrate features to support non-vehicle transportation methods



*Community Heart*

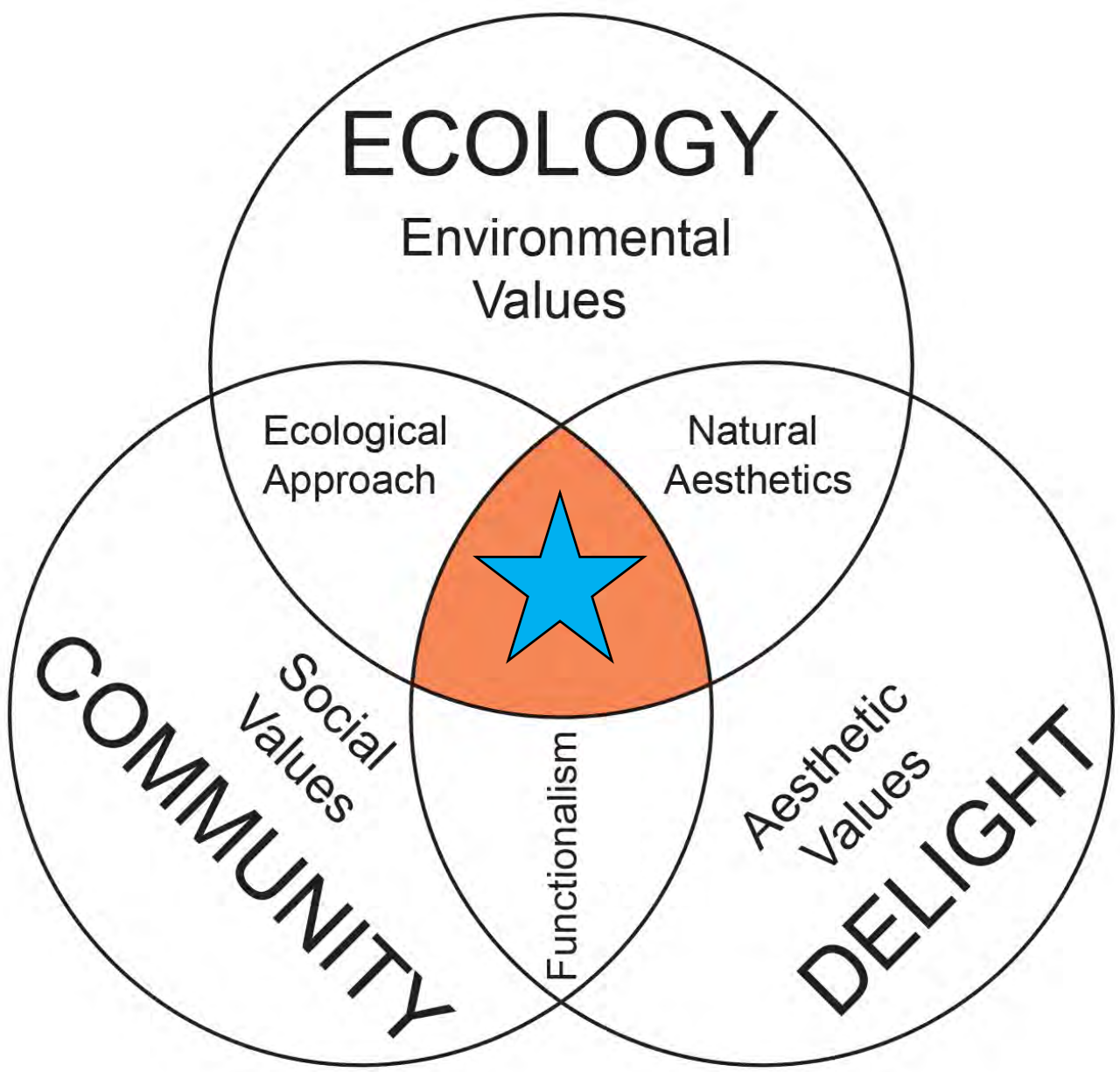
# VISION

*LEED + Sustainability*

*Aquatics Center Design*

*Carbon Reduction*

# *In the Context of Project Budget*



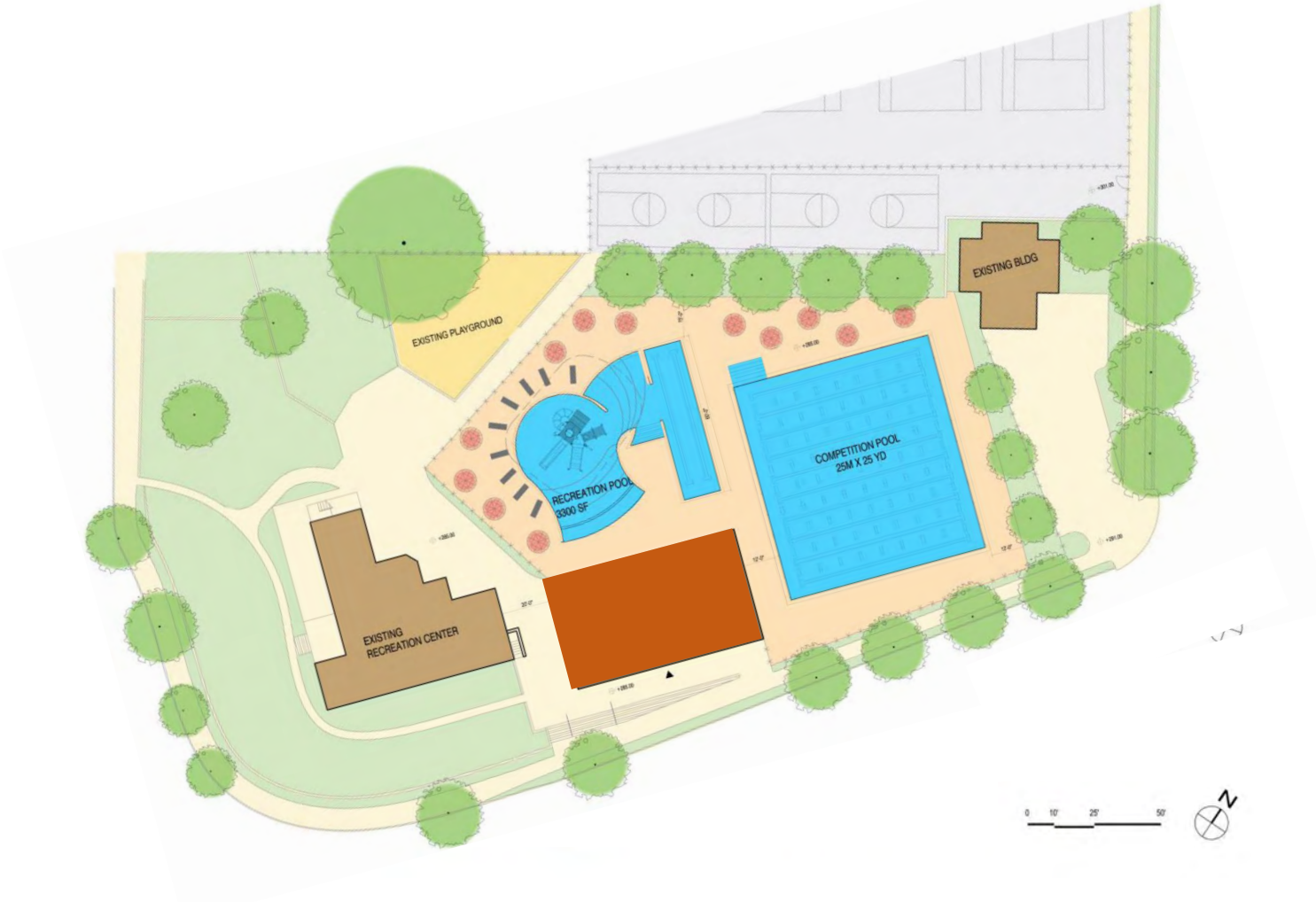
*Community Heart*

# ***2016 Master Plan***

***Concept 1***

***Concept 2***

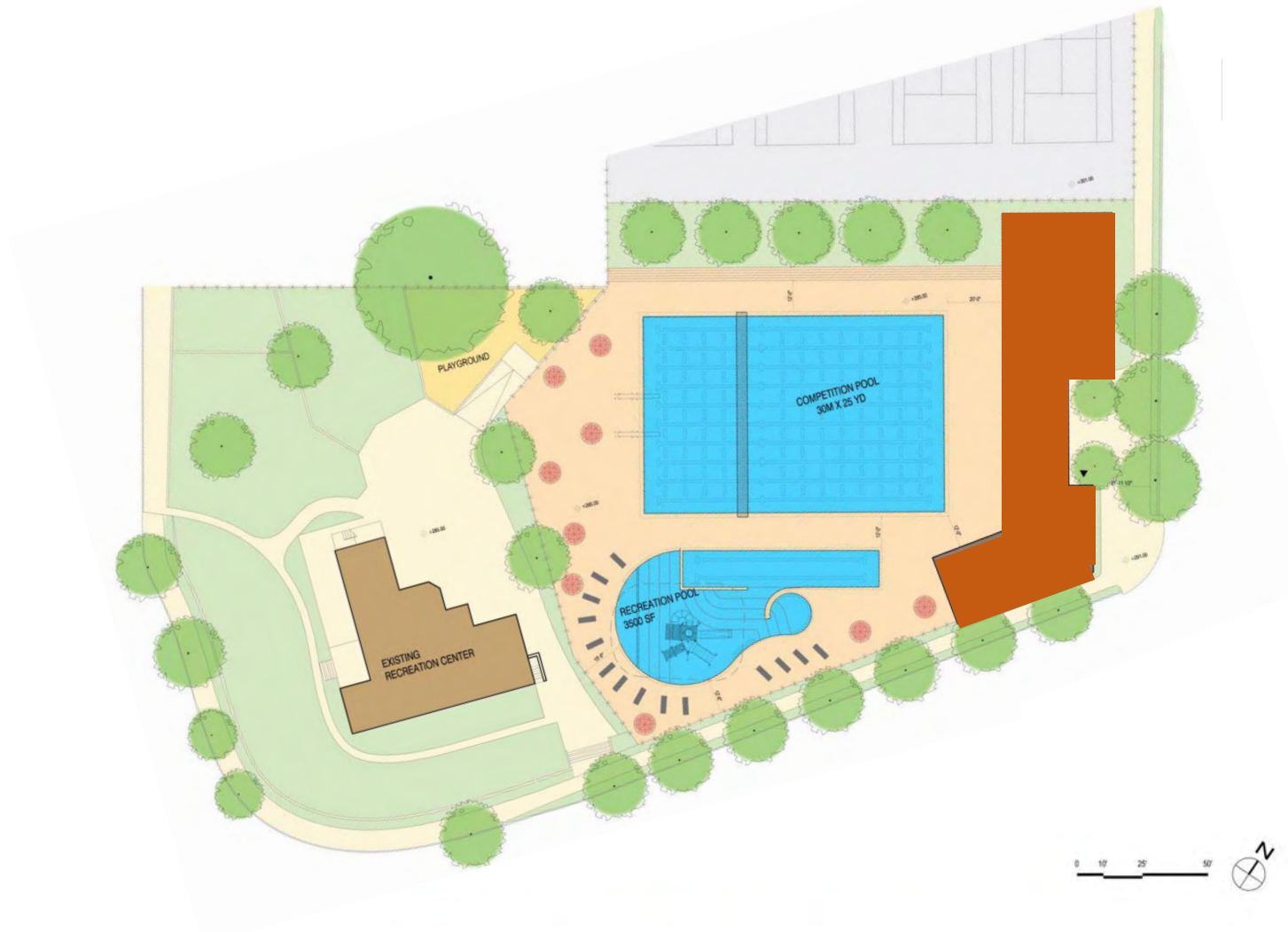
***Concept 3***



### Concept One

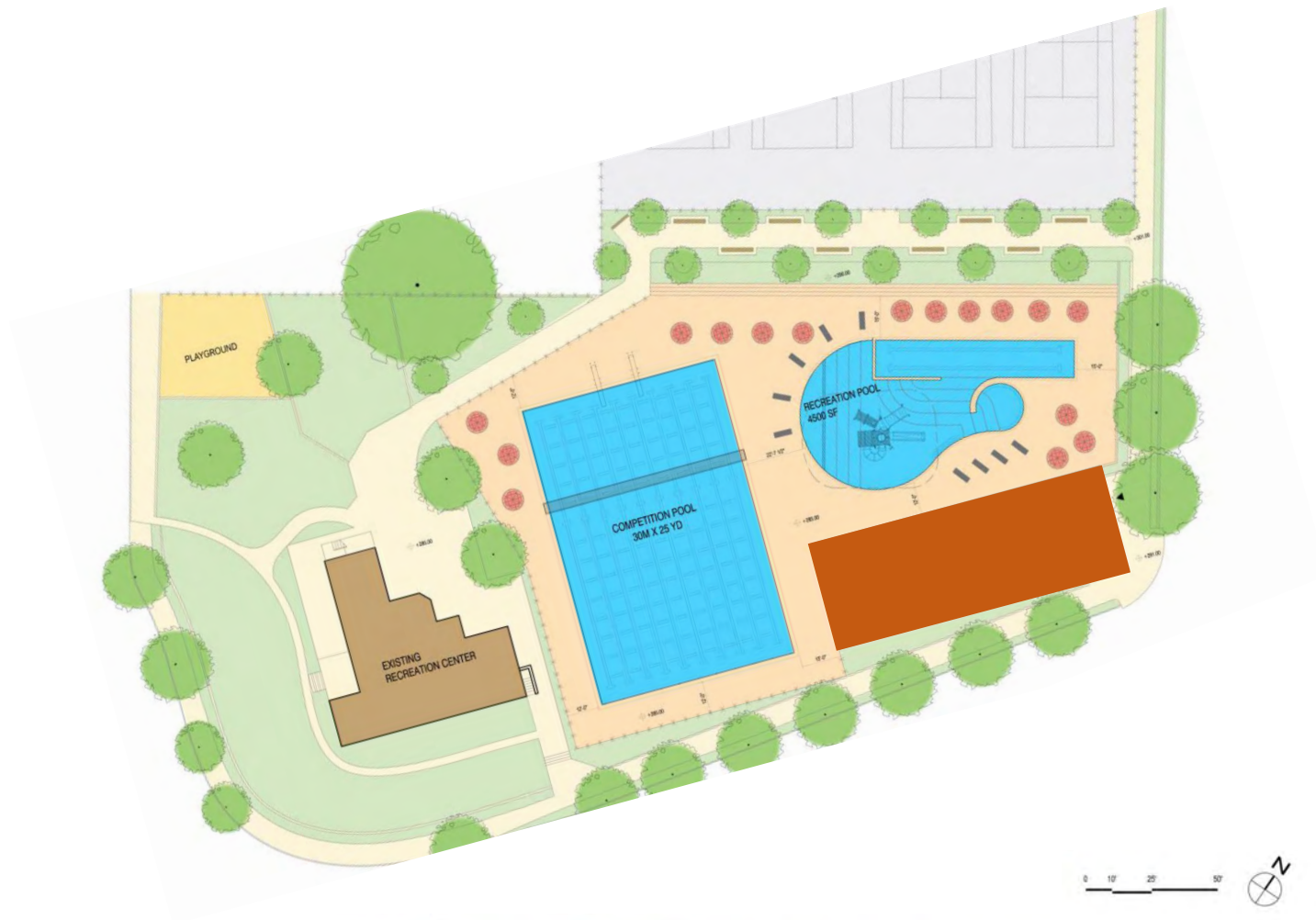
- 10 lane, 25 yard x 25 meter competition pool
- 3,300 sq ft. Zero-Depth Entry Leisure Pool
  - Activity Play Structure
  - Sprays
  - Small Waterslides





## Concept Two

- 10 lane, Stretch 25 Competition Pool
  - 4 foot bulkhead to allow simultaneous diving and lap swimming
  - (2) 1m Diving Boards
- 3,500 sq ft. Zero-Depth Entry Leisure Pool
  - Activity Play Structure
  - Sprays
  - Small Waterslides



### Concept Three

- 10 lane, Stretch 25 yard Competition Pool
  - (2) 1-meter Diving Boards
  - 4 foot bulkhead to allow simultaneous diving and lap swimming
  
- 4,500 sq ft. Zero-Depth Entry Leisure Pool
  - Activity Play Structure
  - Sprays
  - Small Waterslides

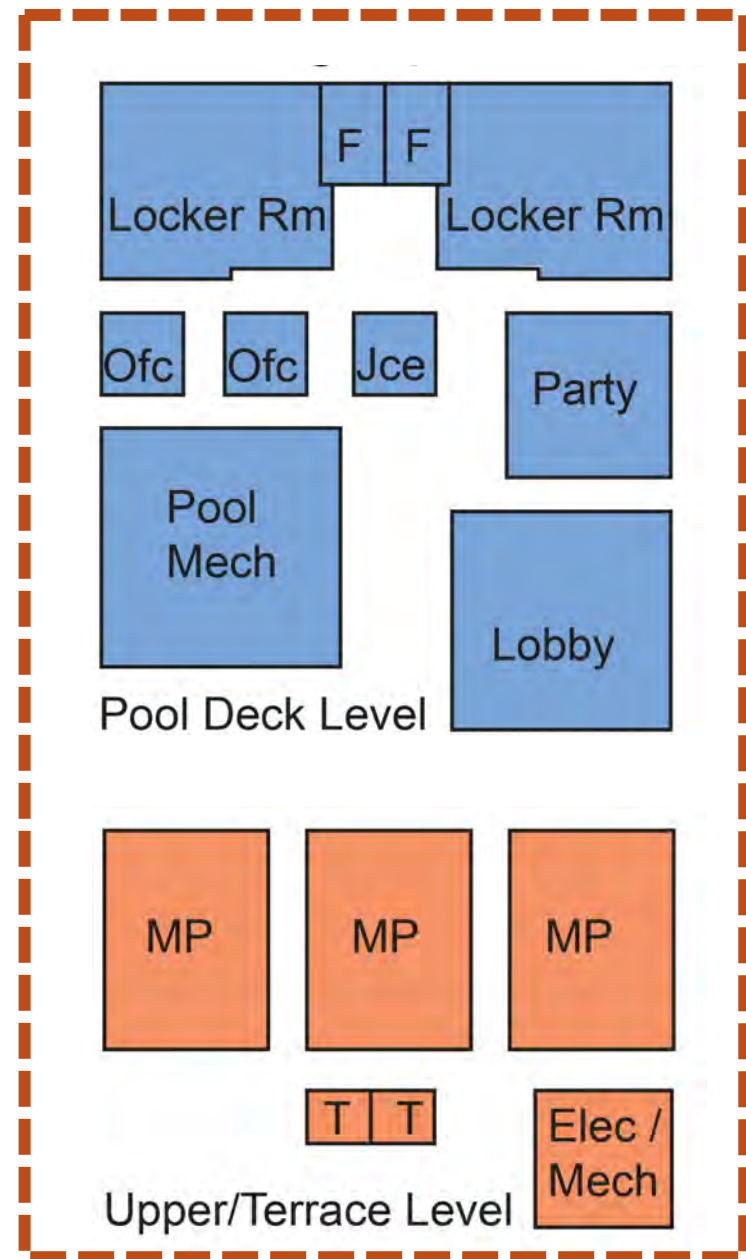
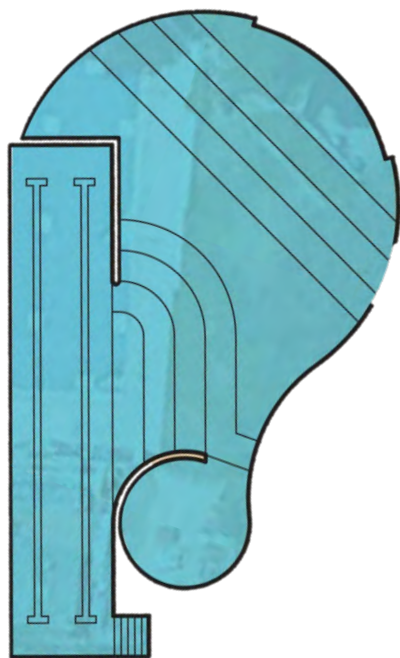
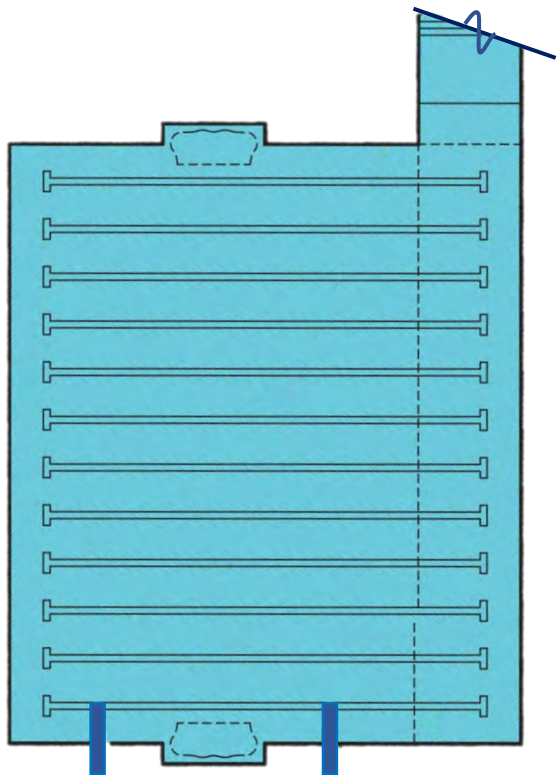
# 2016 Master Plan



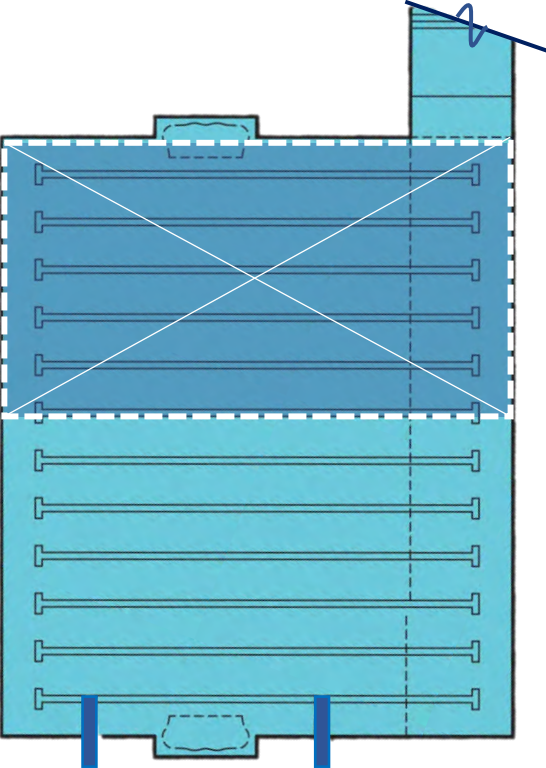
*Kit of Parts*

*Piedmont Community Pool*

*Site + Pools + Building = Concept*



**FAST WATER**



10 to 12 Lanes  
27m x 25 yards



CITY OF MORGAN HILL

els/



MORGAN HILL  
AQUATICS CENTER

WARNING  
NO LIFEGUARD ON DUTY  
EMERGENCY  
911  
NO DIVING  
COMPETITIVE POOL OCCUPANCY 100 PERSONS  
INSTRUCTIONAL POOL OCCUPANCY 100 PERSONS  
RECREATIONAL POOL OCCUPANCY 100 PERSONS

CITY OF MORGAN HILL

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*CITY OF MORGAN HILL*

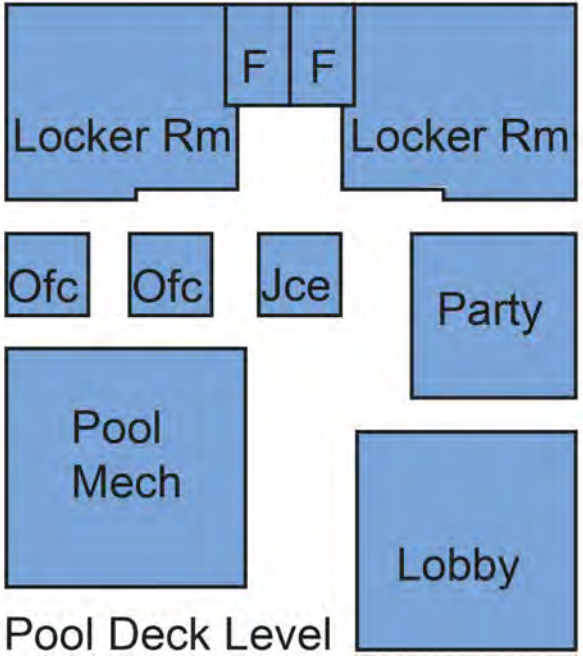
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CITY OF OAKLAND

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**LOWER LEVEL  
(POOL DECK LEVEL)**





BENGSTORFF AQUATIC CENTER  
City of Mountain View



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*Refinement*

*Piedmont Community Pool*

*Concept A*

*Concept B*

*Concept C*



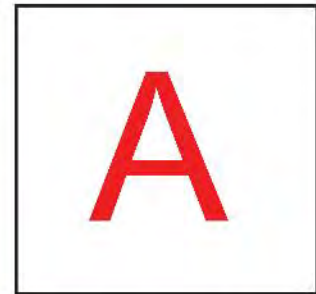


**Pros**

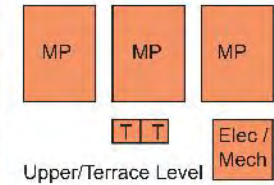
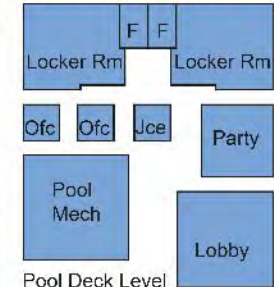
- Entrance from civic center side and across from the high school
- Pool deck seat terraces overlook Competition Pool
- Maintains picnic and play areas
- No impact to neighbor's oak tree
- Accommodates path/stair connection to tennis
- Building has a connection to tennis

**Cons**

- Entrance accessibility is challenging
- Insufficient pool deck area
- Building has zero setback at entry corner
- Large street presence at entry corner
- Difficult to include all pool deck spaces on ground level of building
- Party Room does not fit at ground level
- Difficult access to pool mechanical areas
- Not integrated well with the hillside and landscape



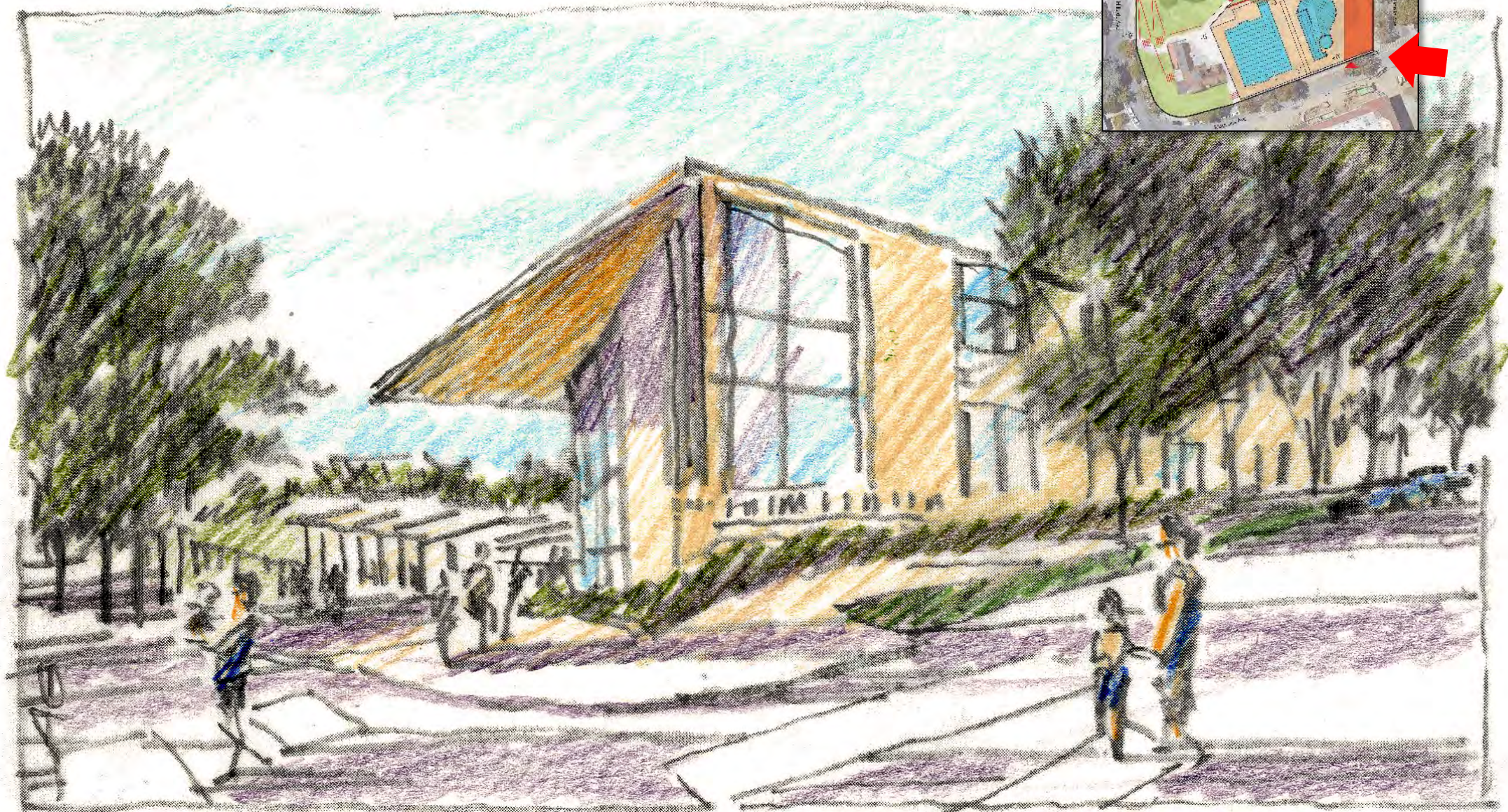
**Building Spaces**



Team Number \_\_\_\_\_

Team Captain \_\_\_\_\_

Notes

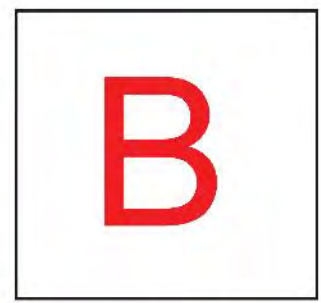


**Pros**

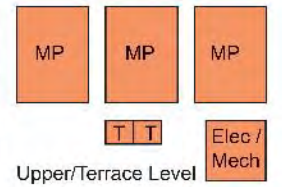
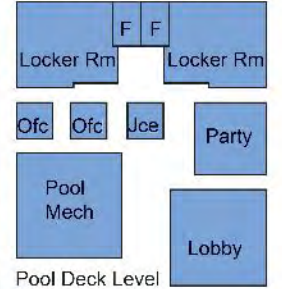
- Adequate pool deck area

**Cons**

- Entrance is from the residential side
- Entrance accessibility is challenging
- Pool deck seat terraces overlook the Recreation Pool
- Eliminates picnic and play areas
- Neighbor's oak tree will need severe pruning
- Building is immediately adjacent to the neighboring north residence
- Eliminates path/stair connection to tennis
- Difficult to include all pool deck spaces on ground level of building
- Building has no connection to tennis



**Building Spaces**



Team Number \_\_\_\_\_  
 Team Captain \_\_\_\_\_

Notes



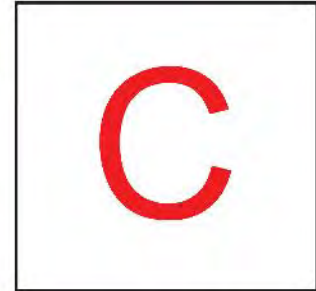
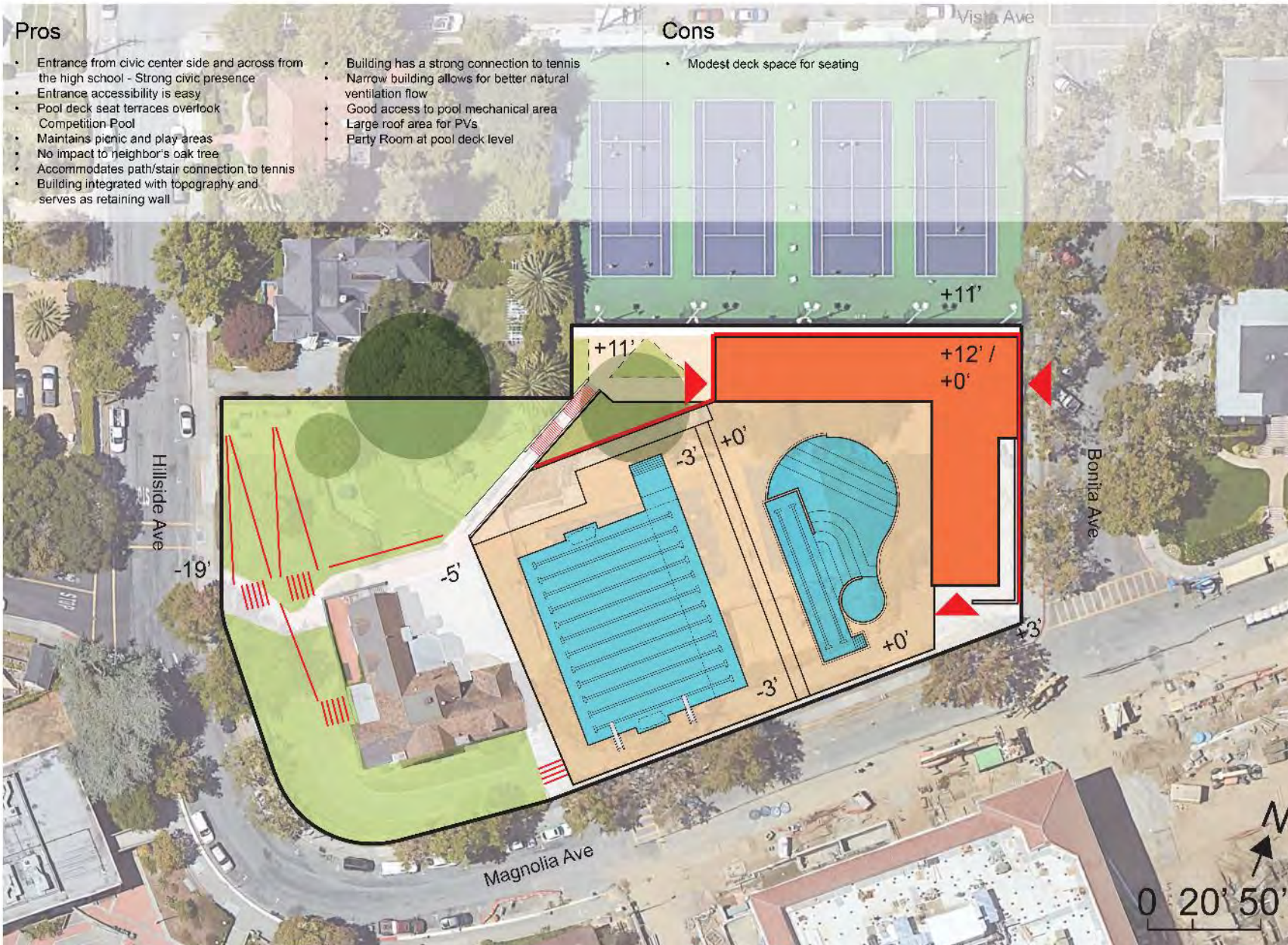
**Pros**

- Entrance from civic center side and across from the high school - Strong civic presence
- Entrance accessibility is easy
- Pool deck seat terraces overlook Competition Pool
- Maintains picnic and play areas
- No impact to neighbor's oak tree
- Accommodates path/stair connection to tennis
- Building integrated with topography and serves as retaining wall

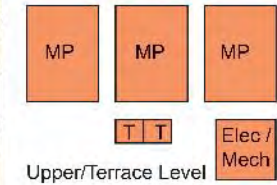
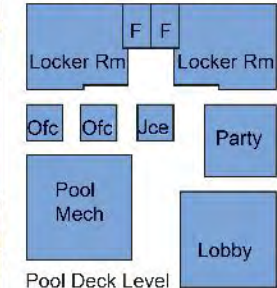
**Cons**

- Building has a strong connection to tennis
- Narrow building allows for better natural ventilation flow
- Good access to pool mechanical area
- Large roof area for PVs
- Party Room at pool deck level

- Modest deck space for seating



**Building Spaces**



Team Number \_\_\_\_\_

Team Captain \_\_\_\_\_

Notes





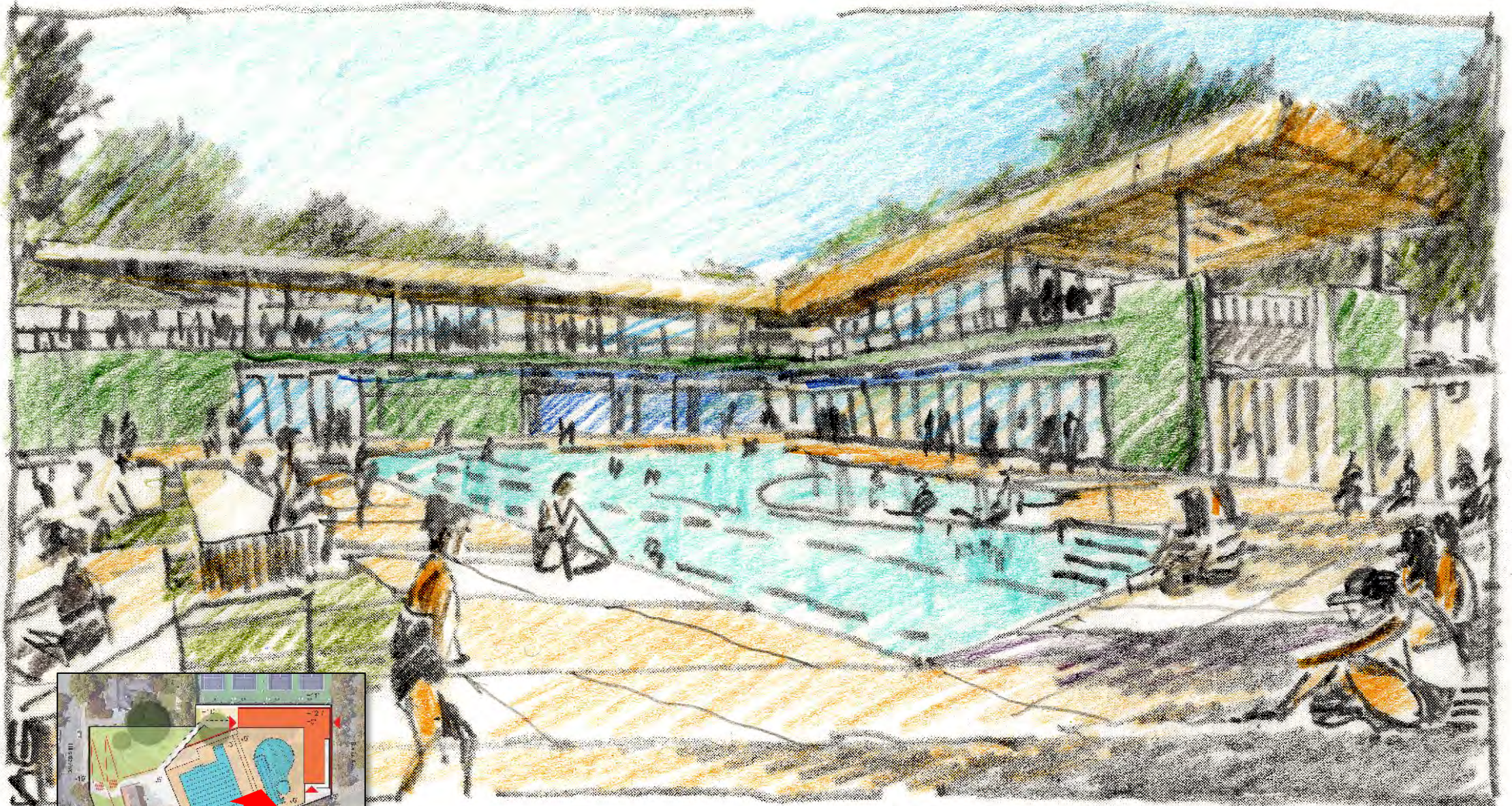


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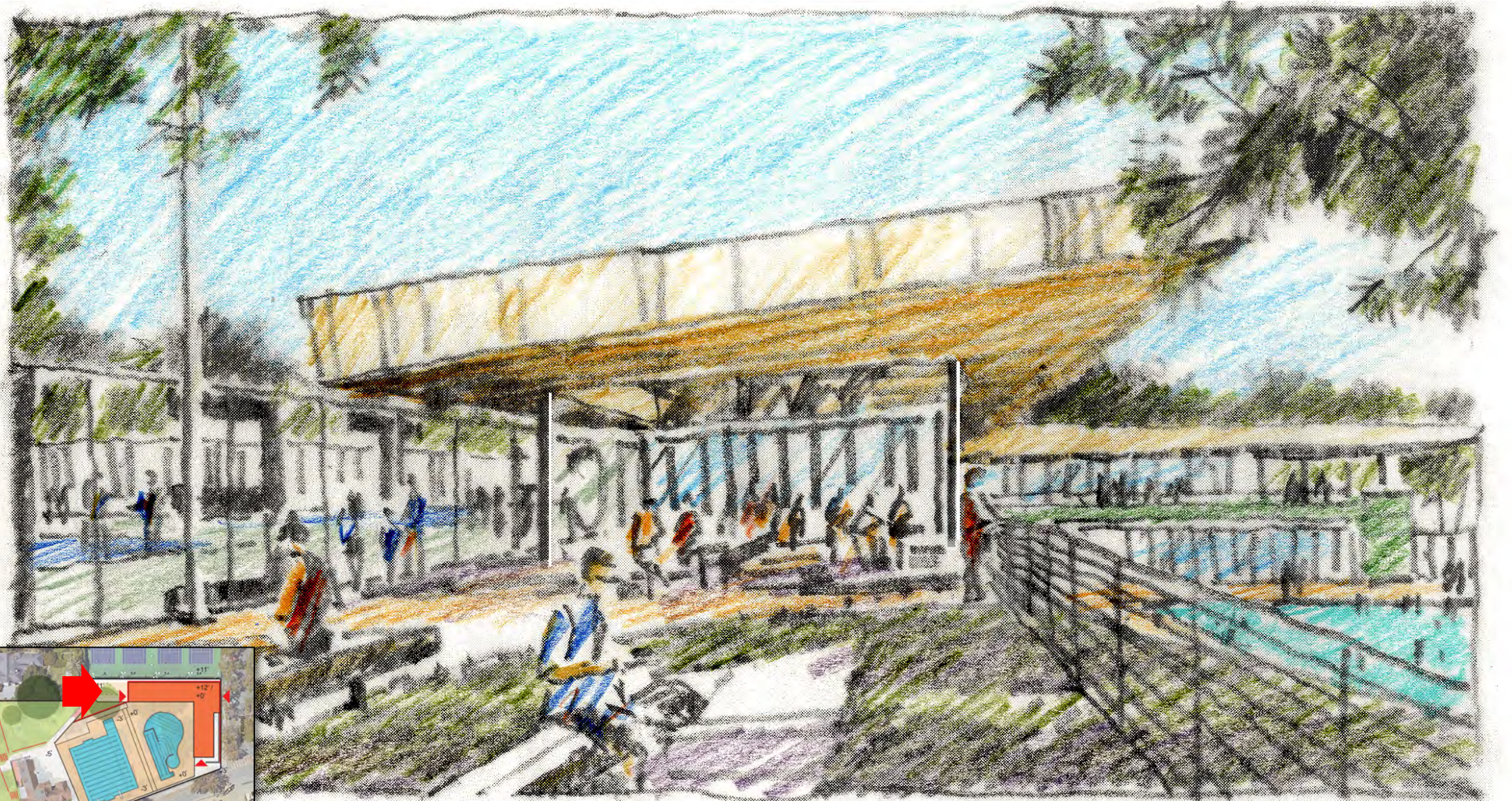


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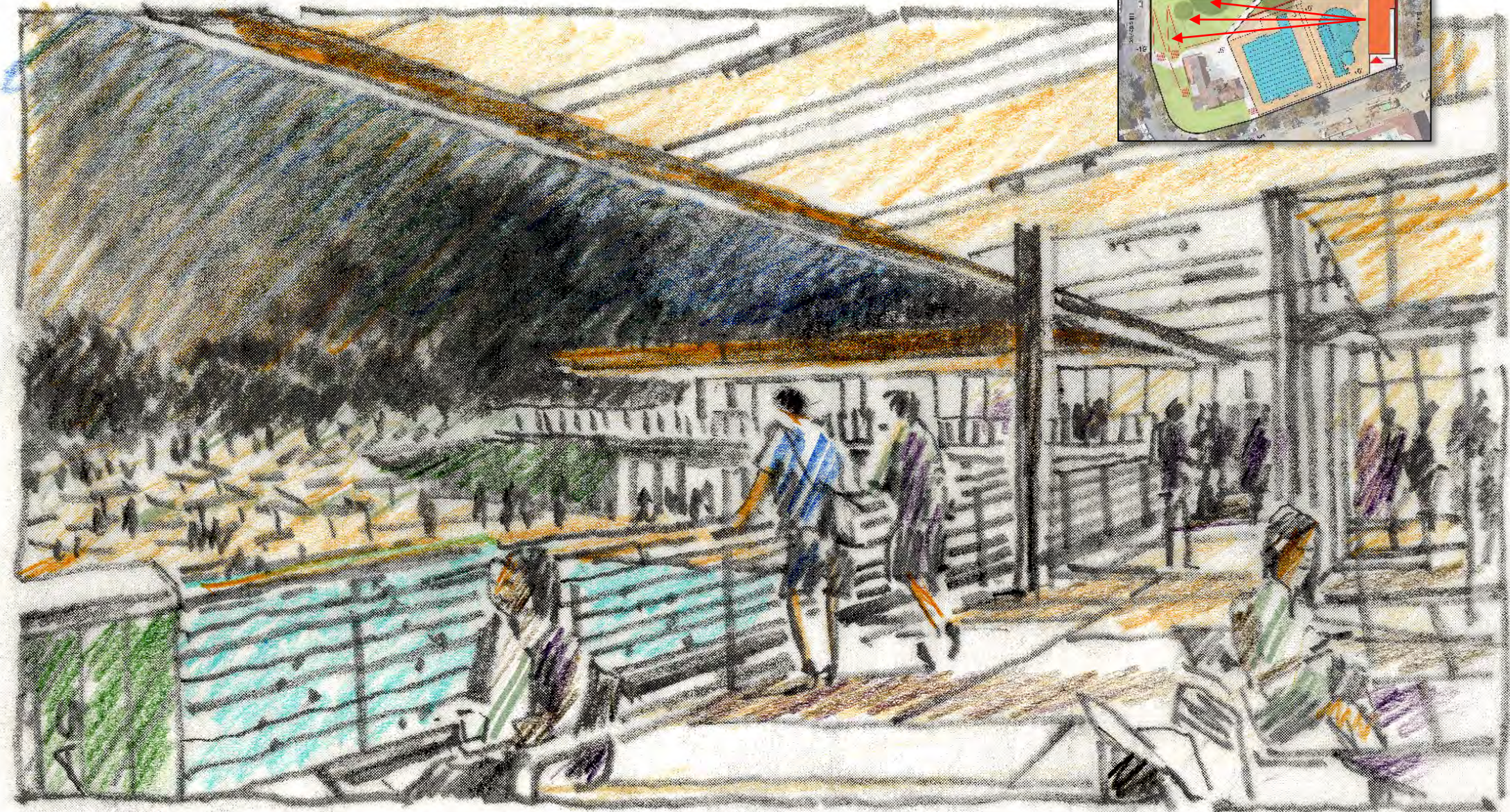
CAÑADA

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# Form Teams

## 1 – 10

### Elect a Captain

### Fill-in the lower right corner on each board

### You have 20 Minutes



# A

# B

# C



# Post- Team Presentations Poll

**Pros**

- Provides an outdoor swimming pool for the community
- Provides a place for people to exercise and socialize
- Provides a place for people to relax and enjoy the outdoors
- Provides a place for people to play and have fun
- Provides a place for people to learn and grow
- Provides a place for people to meet and connect
- Provides a place for people to enjoy the view
- Provides a place for people to enjoy the sun
- Provides a place for people to enjoy the water
- Provides a place for people to enjoy the outdoors

**Cons**

- Limited space for other activities
- Limited space for parking
- Limited space for landscaping
- Limited space for playground equipment
- Limited space for other amenities
- Limited space for other services
- Limited space for other facilities
- Limited space for other programs
- Limited space for other events
- Limited space for other activities
- Limited space for other services

Piedmont Community Pool Concept Options Workshop #2 11/16/2021

A

**Pros**

- Provides an outdoor swimming pool for the community
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- Limited space for other facilities
- Limited space for other programs
- Limited space for other events
- Limited space for other activities
- Limited space for other services

Piedmont Community Pool Concept Options Workshop #2 11/16/2021

B

**Pros**

- Provides an outdoor swimming pool for the community
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- Limited space for other activities
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- Limited space for other amenities
- Limited space for other services
- Limited space for other facilities
- Limited space for other programs
- Limited space for other events
- Limited space for other activities
- Limited space for other services

Piedmont Community Pool Concept Options Workshop #2 11/16/2021

C

# Piedmont Community Pool

- |   |  |           |
|---|--|-----------|
| <ul style="list-style-type: none"> <li>• PAC Meeting #2 – Pre-Community Workshop Meeting #1<br/><i>Presentation of Workshop Series</i></li> </ul>   | October 19, 2021   | COMPLETED |
| <ul style="list-style-type: none"> <li>• Community Workshop 1A an 1B<br/><i>Gallery Walk</i></li> </ul>   | November 2, 2021   | COMPLETED |
| <ul style="list-style-type: none"> <li>• Community Workshop #2<br/><i>2 to 3 Initial Programming Alternatives and Concepts</i></li> </ul>   | November 16, 2021  | COMPLETED |
| <ul style="list-style-type: none"> <li>• PAC Meeting #3 – Post-Community Workshop Meeting #2</li> <li>• Planning Commission Update</li> </ul>   | November 18, 2021<br>December 13   |           |
| <ul style="list-style-type: none"> <li>• Community Workshop #3<br/><i>Preferred Programming and Concept Direction</i></li> </ul>  | December 14, 2021  |           |
| <ul style="list-style-type: none"> <li>• PAC Meeting #4 – Post-Community Workshop Meeting #3</li> <li>• PAC Meeting #5 – Pre-City Council Session –</li> <li>• PAC Meeting #6 (If needed) Pre-City Council Session</li> </ul>               | December 16, 2021<br>Week of January 3, 2022<br>Week of January 10, 2022 |           |
| <ul style="list-style-type: none"> <li>• Planning Commission Update – Possible Special Session</li> <li>• Planning Commission Update – Possible Special Session</li> <li>• Planning Commission Update – Possible Special Session</li> </ul> | January<br>mid-March<br>mid-April  |           |
| <ul style="list-style-type: none"> <li>• City Council Presentation – Advance Design</li> <li>• Design Documents Complete/Bid</li> <li>• Construction Start</li> <li>• <i>SPLASH</i></li> </ul>  | January/February<br>Q4 of 2022<br>Q1 of 2023<br><i>Summer of 2024</i>    |           |



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