

Orange Memorial Park Aquatic Center

City Council Meeting

September 28, 2022

Concept Design Presentation



CURRENT ORANGE POOL

Challenges

- Water Temperature
- Program Demand
- Too Small for Competitions
- Crowded Locker Rooms
- COVID Closures
- Does Not Attract/Serve Outdoor Swimmers



2017 FEASIBILITY STUDY



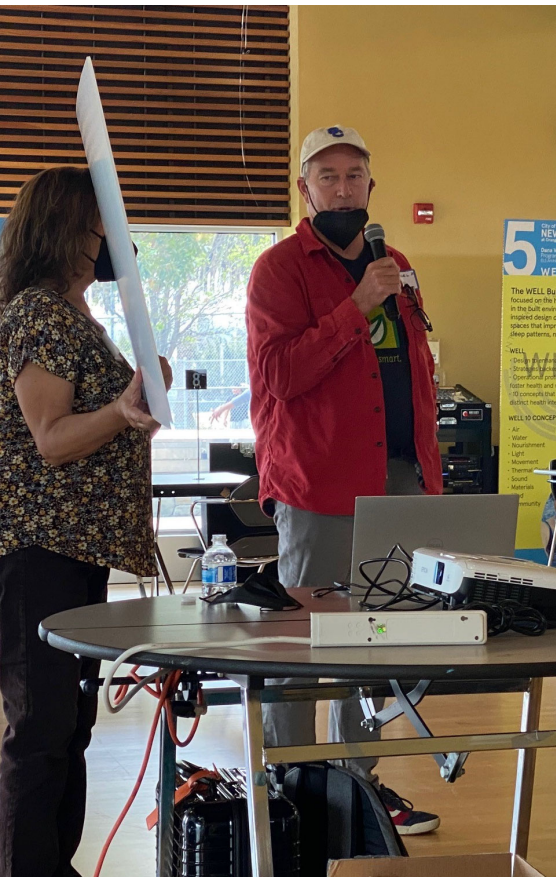
2021 SITE OPTION STUDY



PROJECT SCOPE (PRESENTED IN 2021)

- Construct a new 26,000 sf facility
- Two pools
 - Cool-water lap pool
 - Warm-water teaching/recreation pool
- Activity Room
- Swimmer's Lounge
- Maintain operation of existing pool throughout construction of the new pool facility

COMMUNITY ENGAGEMENT





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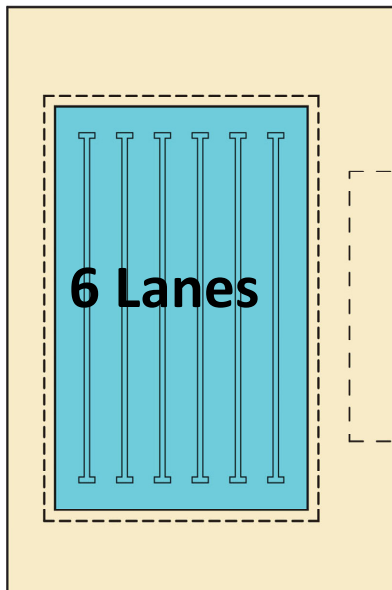
PREFERRED CONCEPT – SITE PLAN REFINED
AUGUST 8, 2022



Orange Pool Today

Water Area = 3,150sf

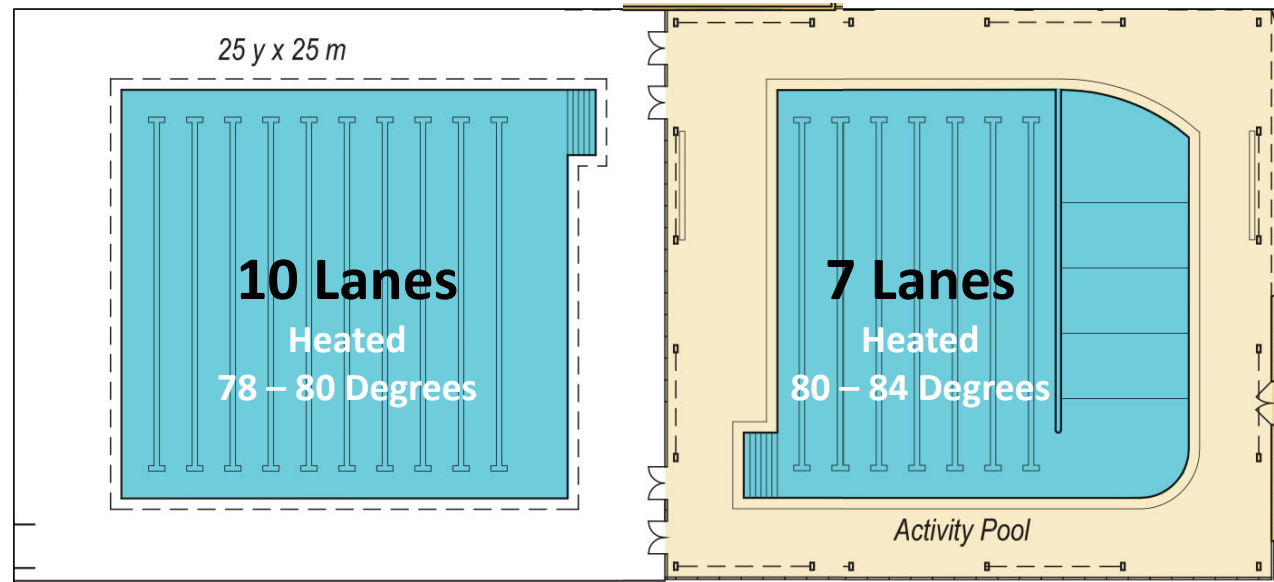
6 Lanes



The New Orange Aquatic Center

Water Area = 11,825sf

17 lanes



LEARN TO SWIM PROGRAM

PARTICIPANTS SERVED

1280

**PARTICIPANT COUNT
INCREASE OVER EXISTING POOL**

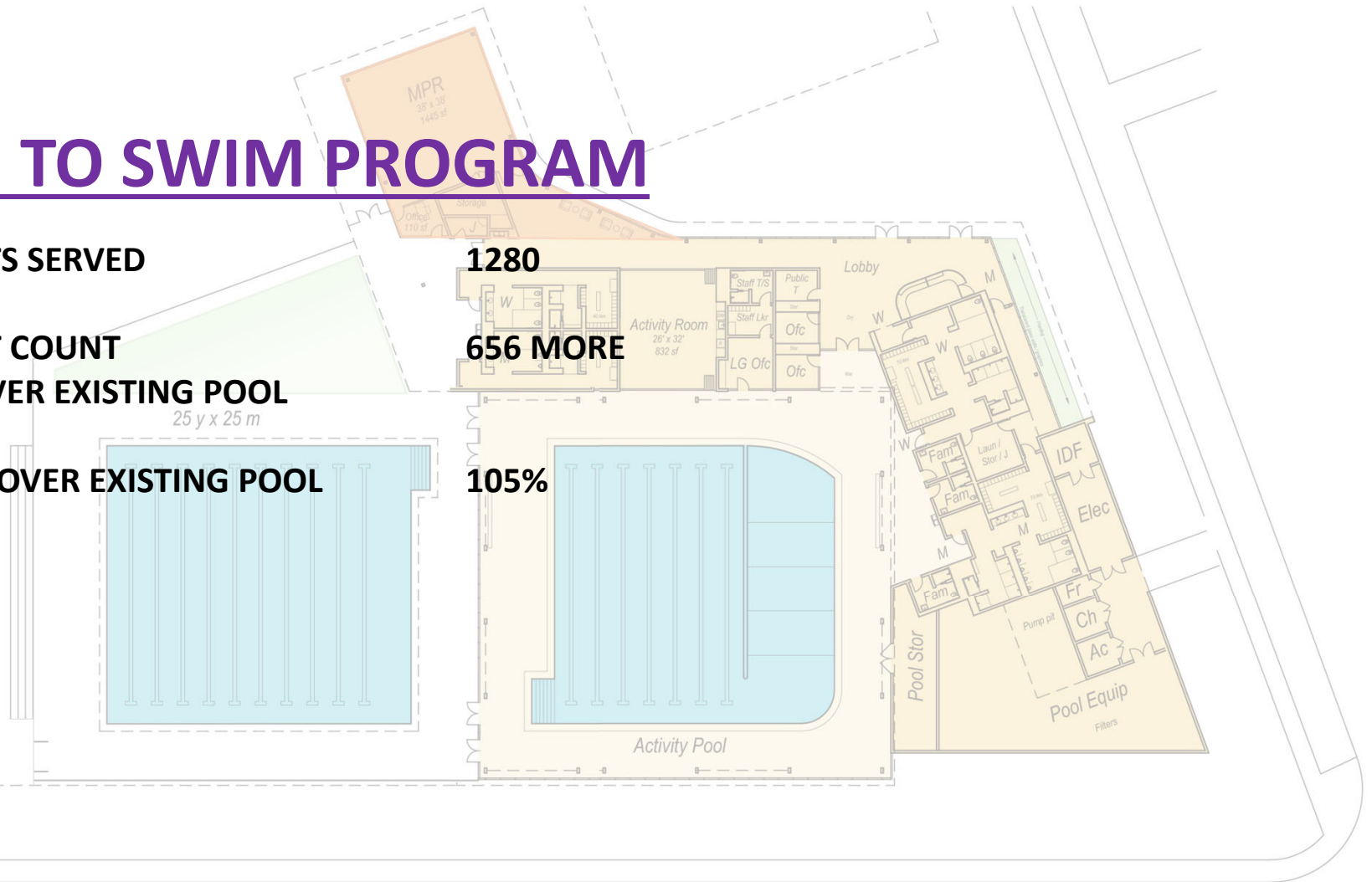
656 MORE

% INCREASE OVER EXISTING POOL

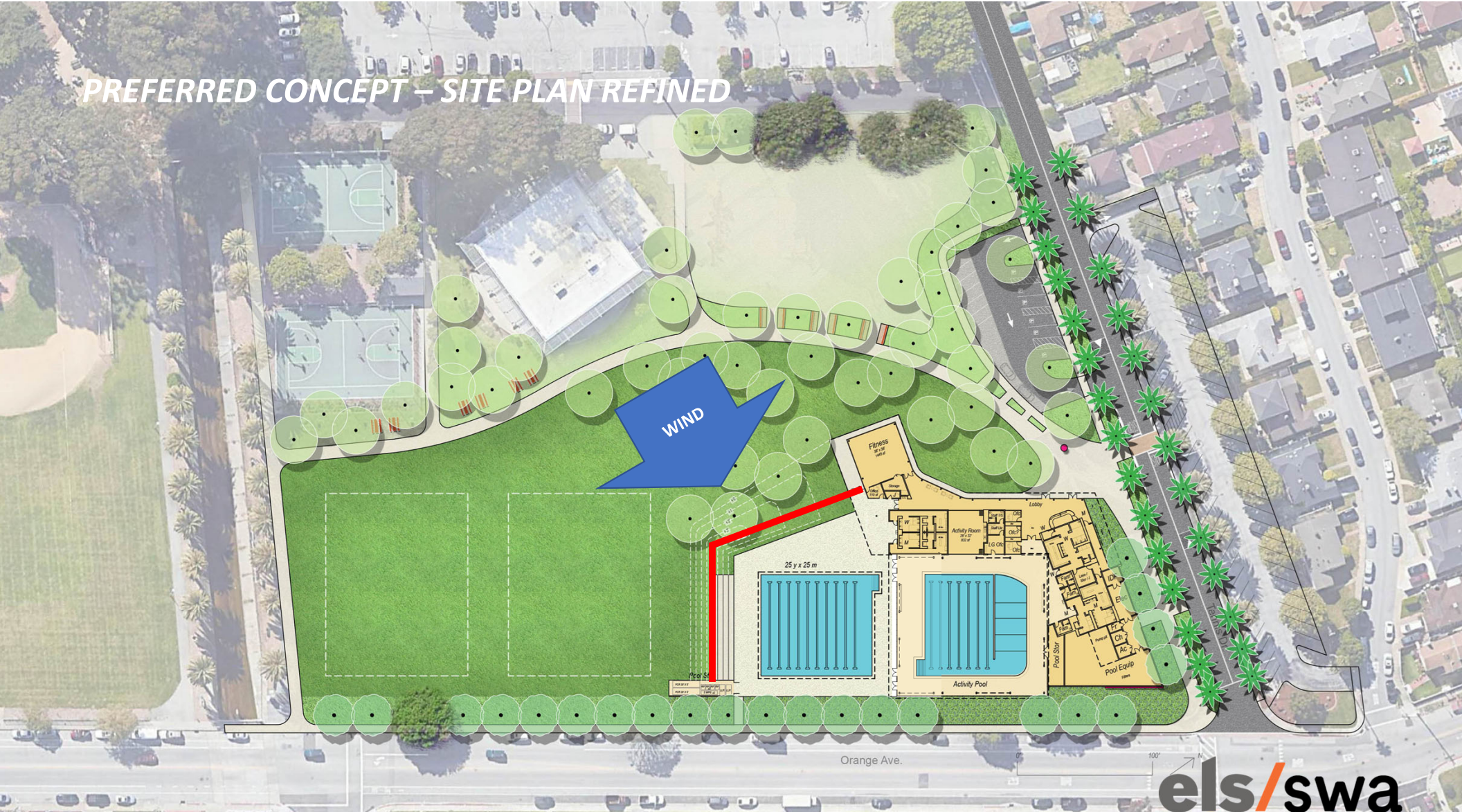
105%

25 y x 25 m

Activity Pool



PREFERRED CONCEPT – SITE PLAN REFINED



MODEL IN THE WIND TUNNEL



WIND SCREEN WITH SOLID BASE + POROUS TOP
(WITH MPR)

FERNEKES
BUILDING

NEW AQUATIC CENTER

ORANGE AVENUE

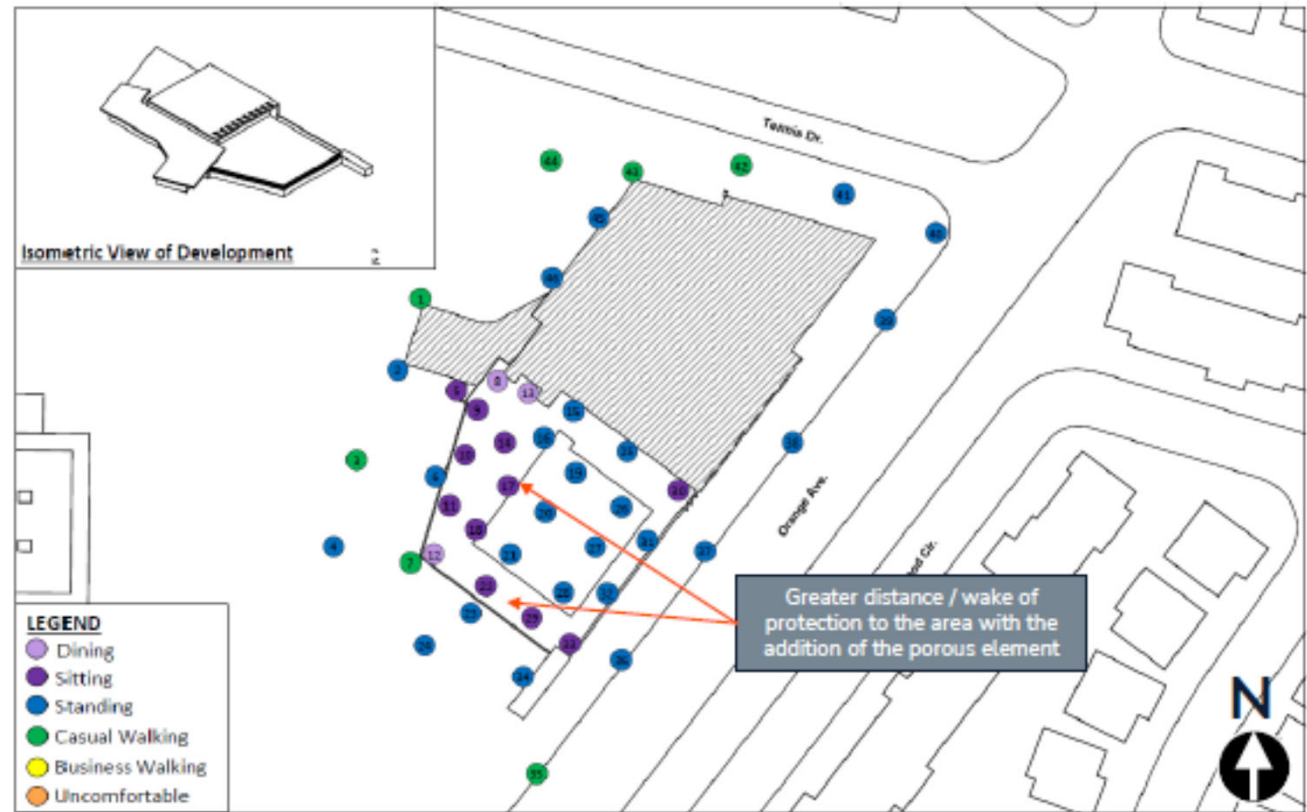
TENNIS AVENUE



Results

Opt1 + ScrWall

- The addition of the porous element atop the perimeter wall increases the overall distance / wake of protection within the pool area.
- Several measurement locations are expected to improve to wind conditions comfortable for sitting.
- In order to reduce wind speeds and shelter a larger section of the pool area, the porous section of wall would likely need to be doubled in height (5' to 10') as a minimum.



Pedestrian Wind Comfort Conditions - Operating Hours (January to December, 6:00am - 9:00pm)



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The New Orange Pool

- **Community Workshop 1**
Gallery Walk April 9, 2022 Completed
- **Community Workshop #2**
3 Initial Programming Alternatives and Concepts April 30, 2022 Completed
- **Community Workshop #3**
Preferred Programming and Concept Direction June 25, 2022 Completed
- **South San Francisco Park and Recreation Commission** August 16, 2022 Completed
- **South San Francisco City Council Presentation** September 28, 2022
- **Design Documents Complete** Spring 2023
- **Construction Start** Summer 2023
- **SPLASH** Winter 2025



Thank you!

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