

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



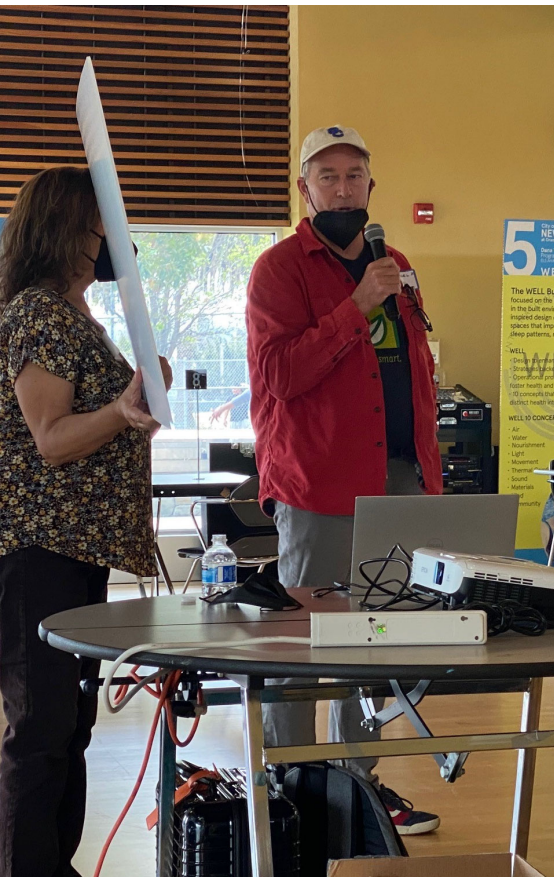
2021 SITE OPTION STUDY



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

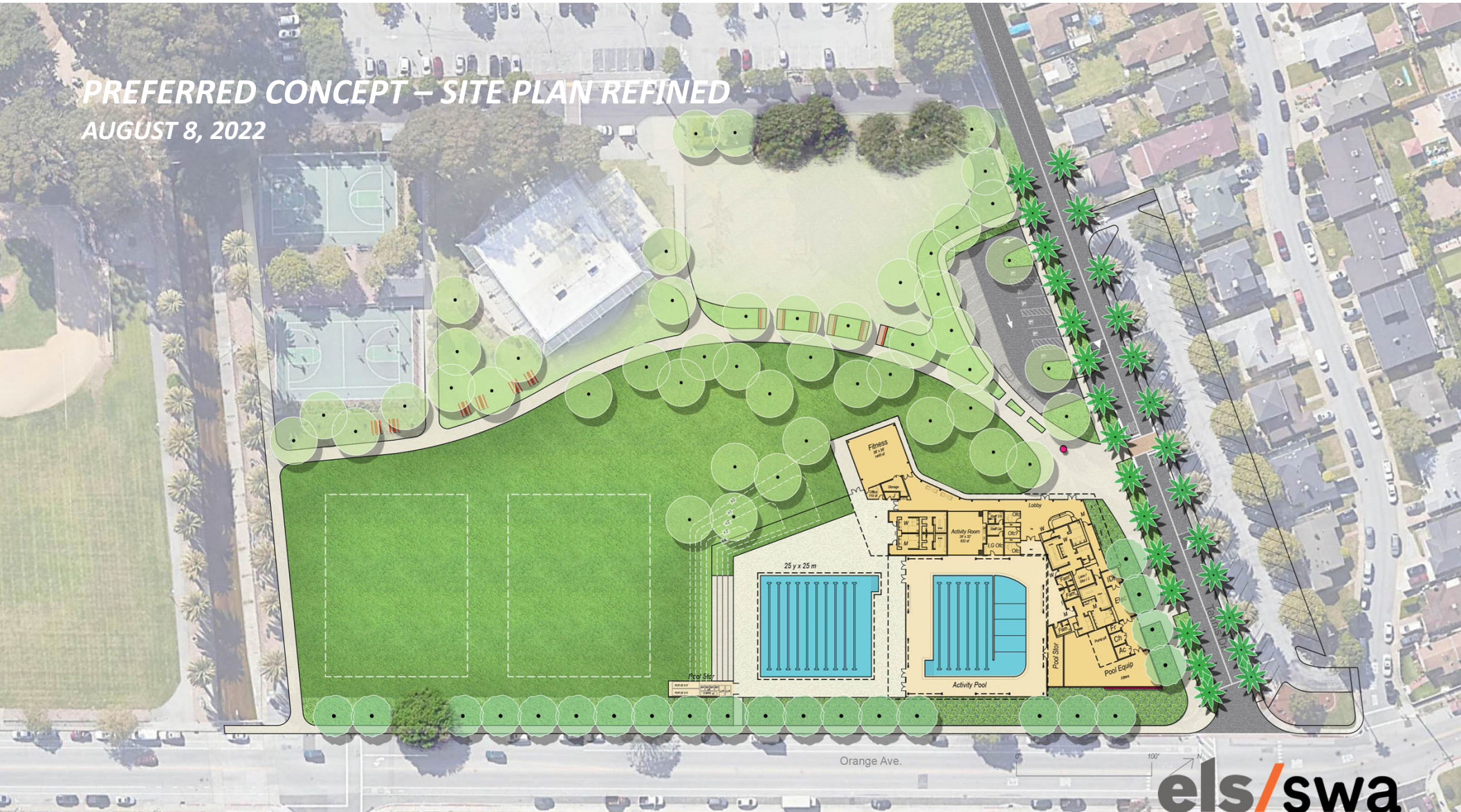
COMMUNITY ENGAGEMENT





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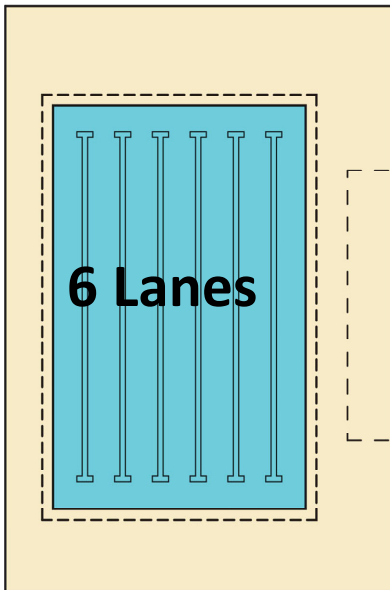
PREFERRED CONCEPT – SITE PLAN REFINED
AUGUST 8, 2022



Orange Pool Today

Water Area = 3,150sf

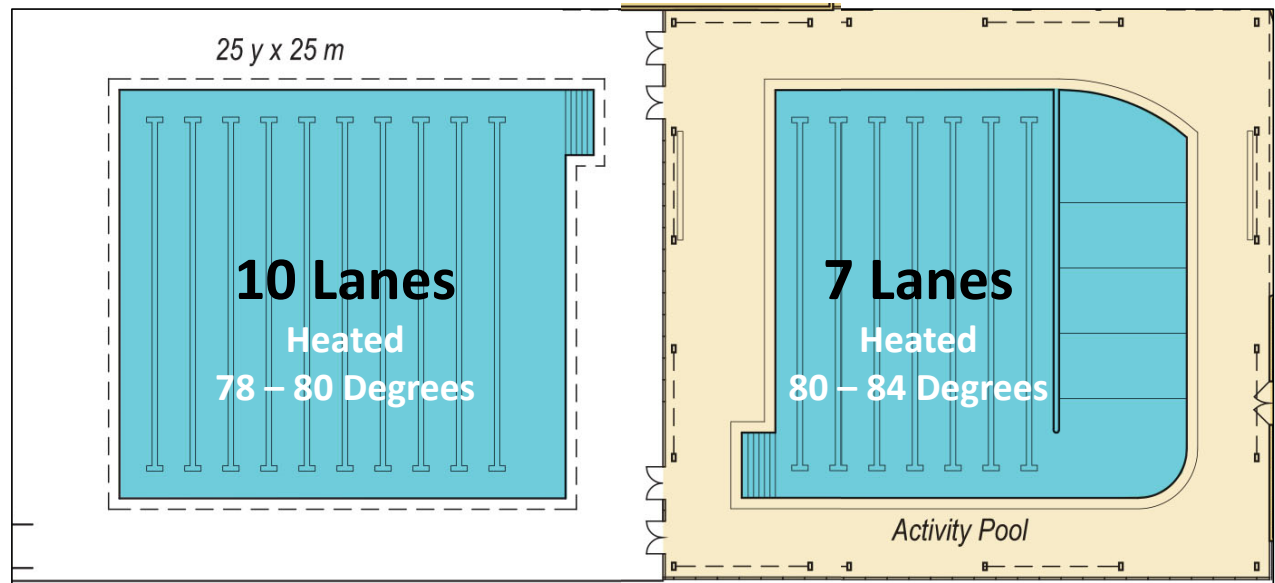
6 Lanes



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

MPR
38' x 38'
1445 sf

Office
110 sf

Activity Room
26' x 32'
832 sf

Lobby

Public
T

Staff T/S

Staff Lkr

Ofc

Ofc

LG Ofc

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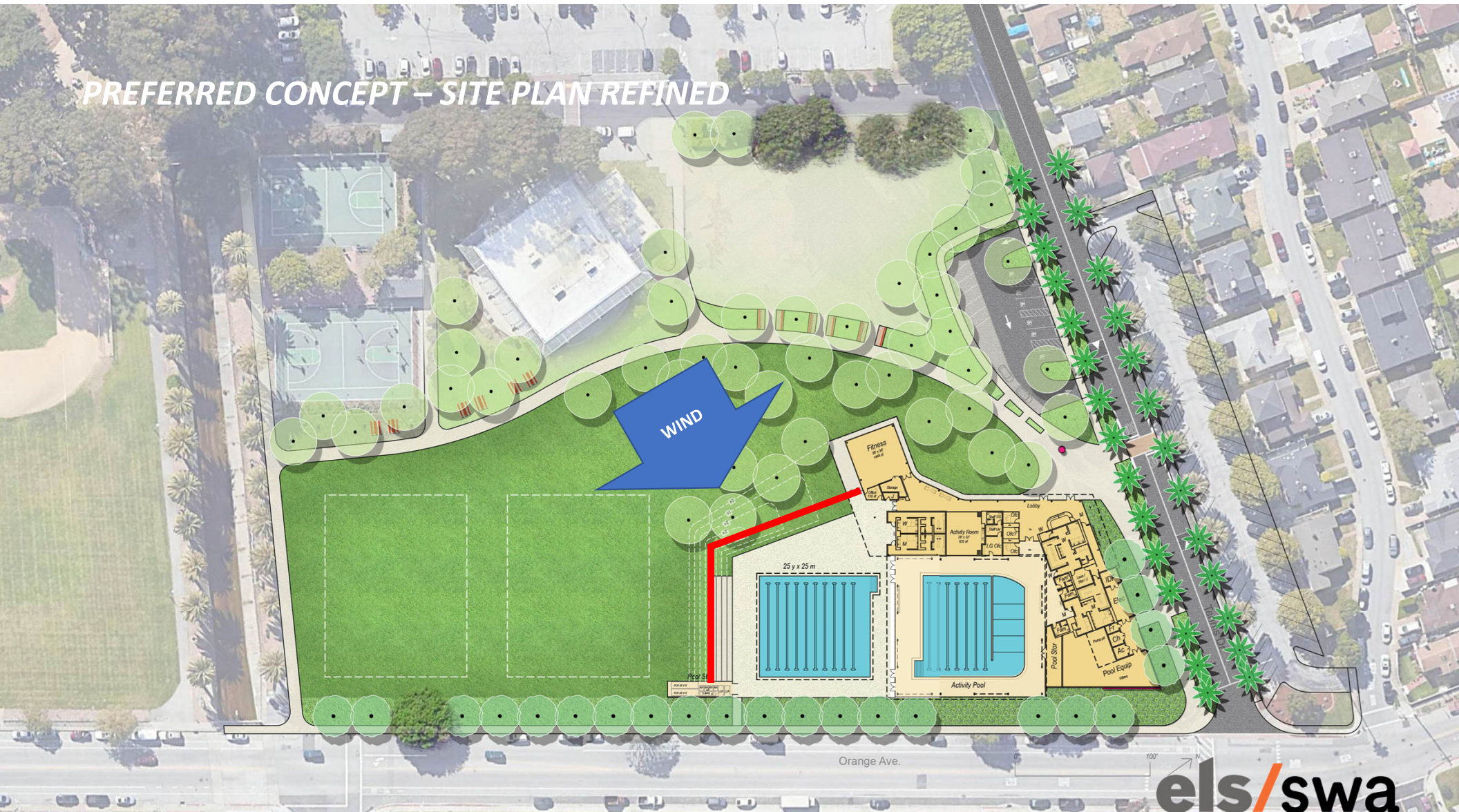
Pump pt

Pool Stor

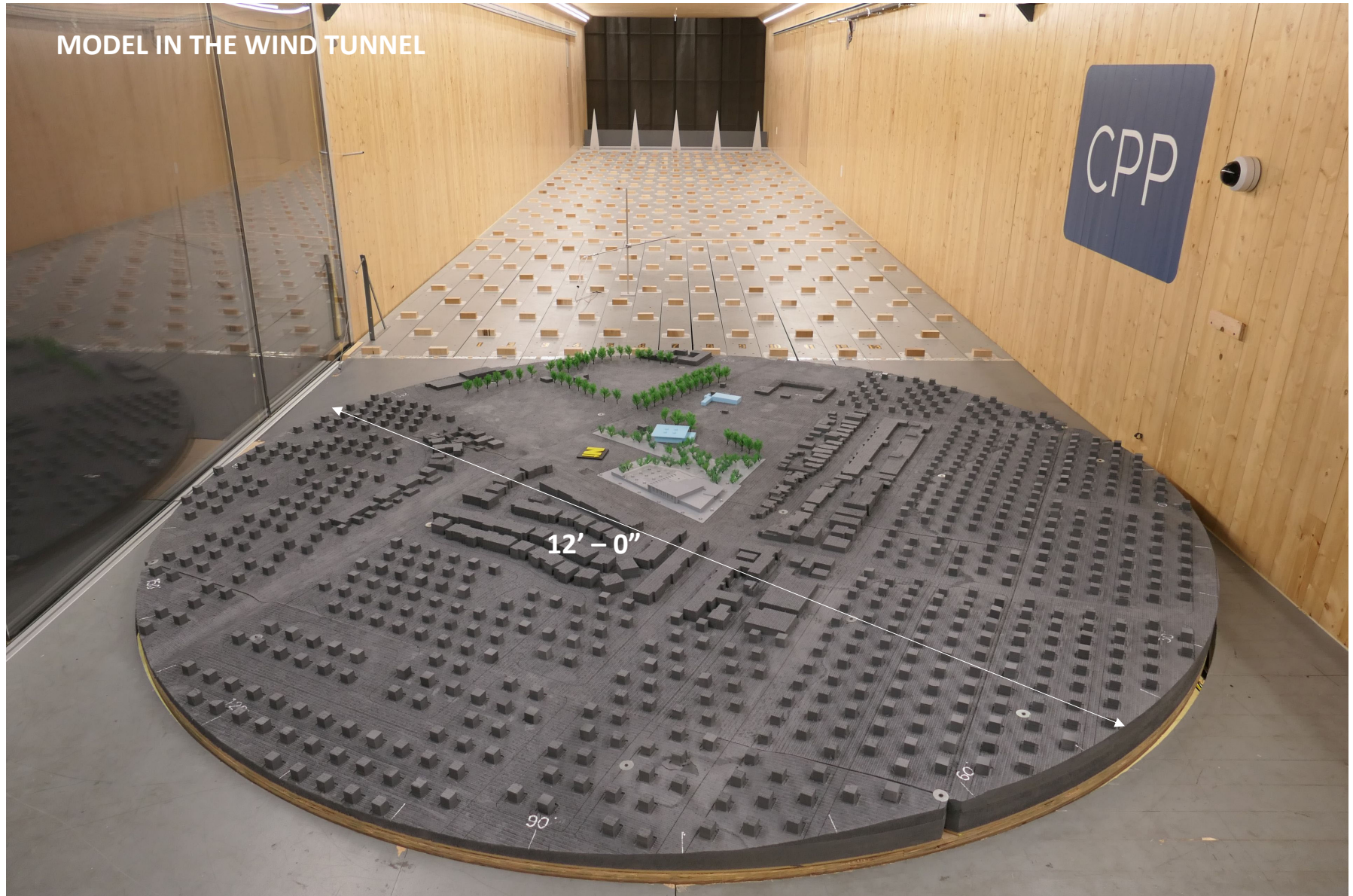
Pool Equip

Filters

PREFERRED CONCEPT – SITE PLAN REFINED



MODEL IN THE WIND TUNNEL



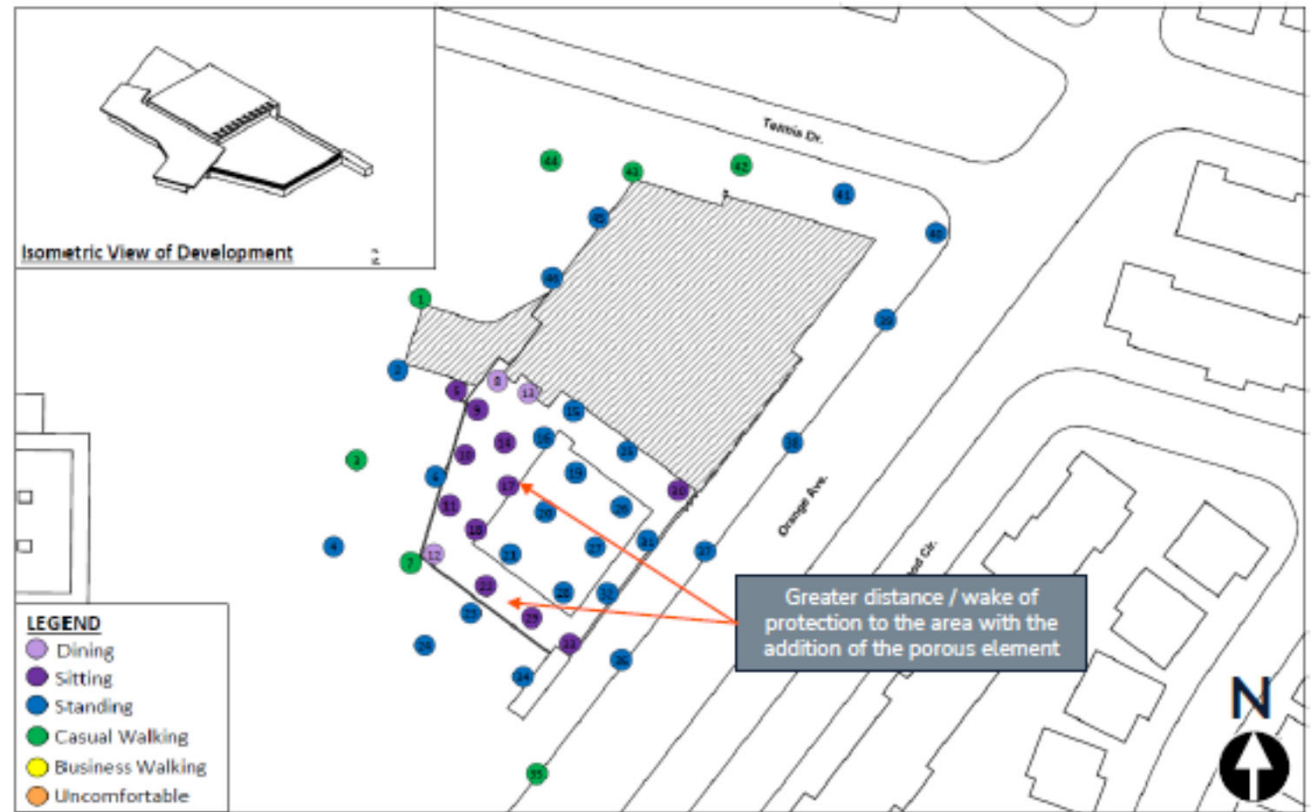
WIND SCREEN WITH SOLID BASE + POROUS TOP
(WITH MPR)



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

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- 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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