



Beach Volleyball Overview & Feasibility Study

Tiburon, CA

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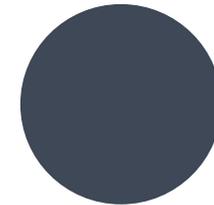
- Suggested Locations
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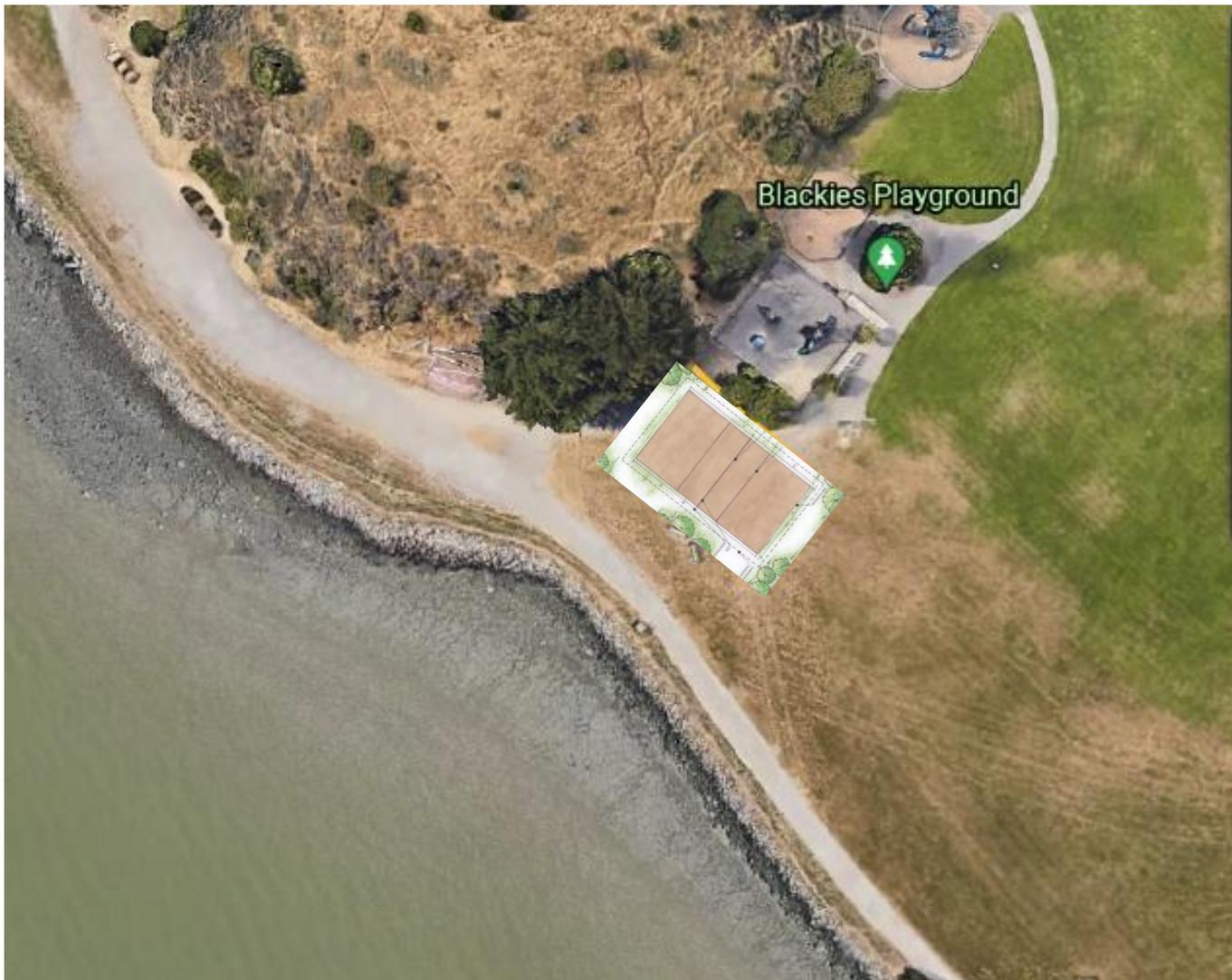
- South Knoll Park: Least impact to residents. Minimally utilized land. Opportunity to improve picnic area and playgrounds.
- McKegney Green: Aligns with use of active space, with minimal impact to field space.



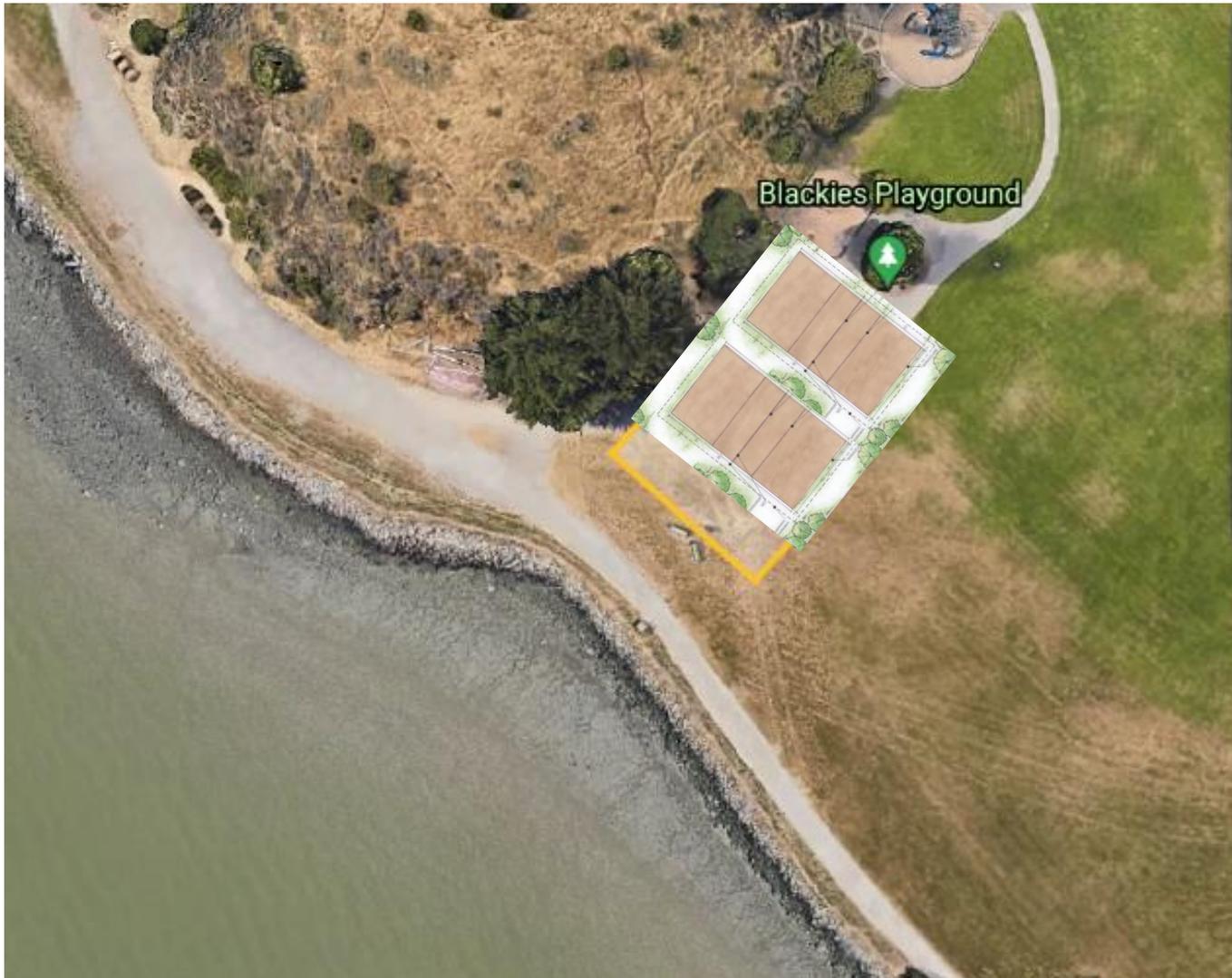
Location Suggestions



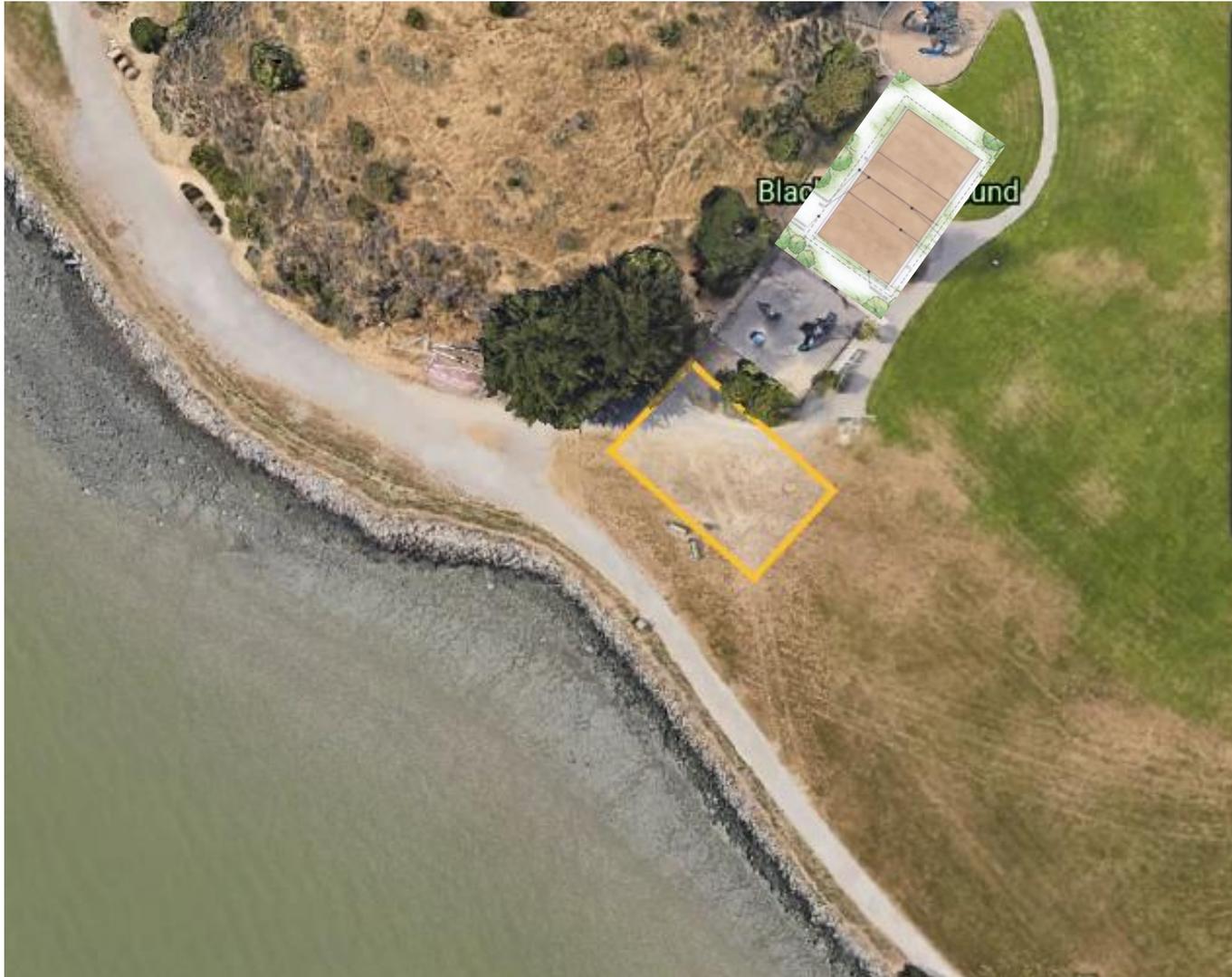
South Knoll Park



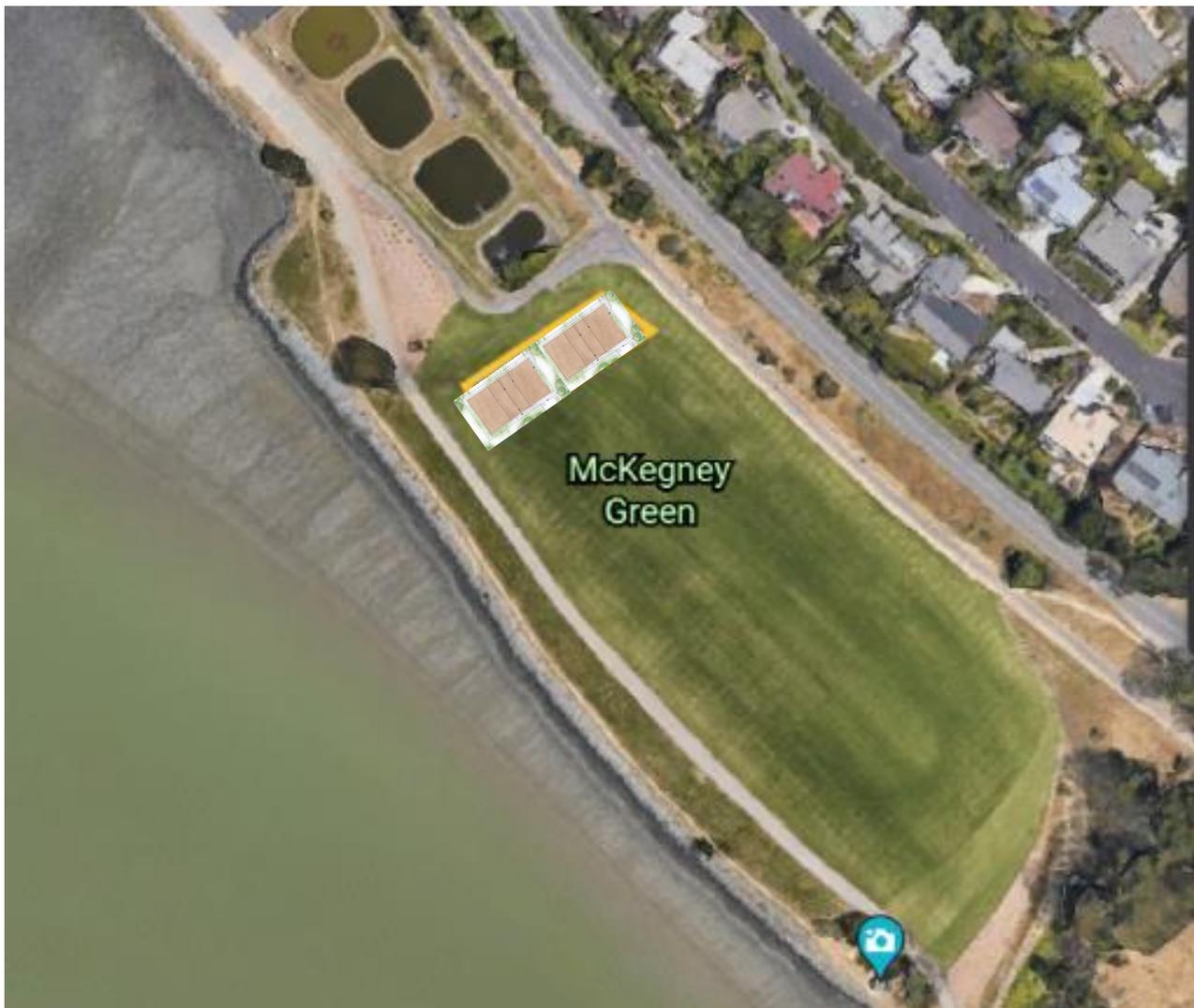
South Knoll Park



South Knoll Park



McKegney Green (Linear Beach)



BEACH VOLLEYBALL OVERVIEW

Played with 4 to 12 players, or anything in between

Similar rules to indoor volleyball, with a 10% smaller court

One of the fastest growing sports among adolescents, with ~100 colleges offering programs and high schools adding club and school teams (including Redwood and Branson)

Fewer injuries than traditional volleyball due to lower impact sand court

Limited Supply in Marin

- Dunphy Park: 1 court with high demand in the afternoons and weekends
- Piper Park: 2 courts with high demand in the afternoons and weekends
- COM: 4 courts which are private to COM, Branson and Marin Juniors
- Cove School: 1 court with low quality sand, not accessible during school hours



Alternative Uses



Fitness



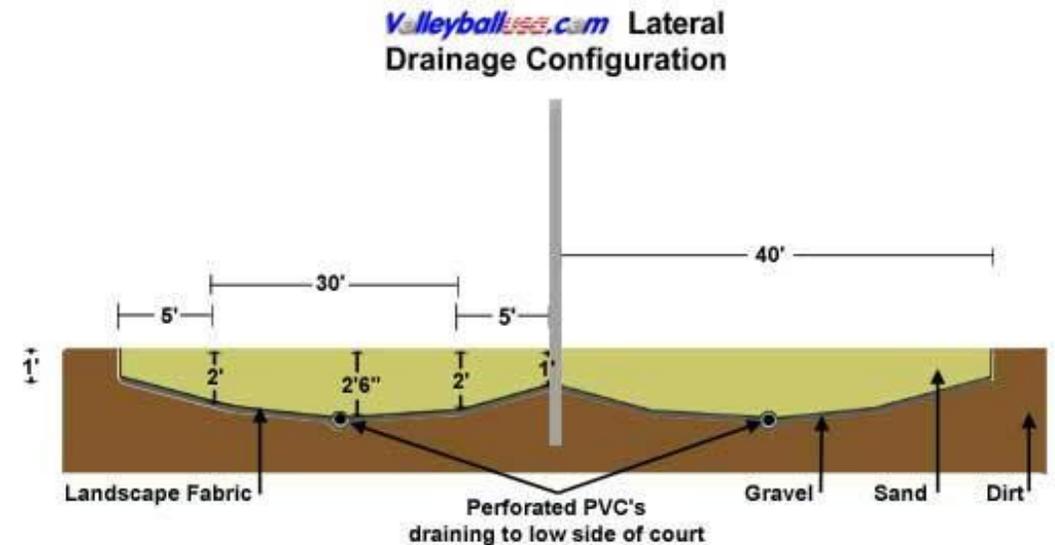
Beach Tennis



Play

Construction

- Dimensions: 50' x 80' of sand for 1 court, or 90' x 80' of sand for two courts. The actual size for a standard beach volleyball court is 26'3" x 52'6".
- Sand depth should be 1.5' to 3', with a gravel base and perforated PVC pipes, depending on drainage considerations. Poles are cemented into ground in ~1'x3' bases.
- Courts can be built below or above grade. Above grade requires retaining walls and below grade would require an edge guard for transition to soil.
- Sand selection is critical to improve play, enjoyment, and minimize dust.



Maintenance & Revenue

Maintenance:

- Raking pine needles and debris, which is often done by volleyball players.
- Sausalito has had its new beach court operational for 18 months and has spent \$0 in maintenance costs, and no reports of animal droppings in the sand (w/o a fence).
- Adjustable poles, which volleyball or tennis players can operate.
- Suggested Maintenance Budget of ~\$1,500/Year
 - Refill Sand ~\$2,000 (every ~2 years, and can reduce costs working with Piper, COM, Dunphy to refill at the same time)
 - Replace Nets, Lines, Pads ~\$2,000 (after ~5 years of use)

Revenue Potential:

- The Ranch currently runs an adult league at Piper Park and is interested in adding programs in Tiburon.
- Piper & Dunphy Parks rent their courts for ~\$40/hour.
- Local junior beach programs charge \$50/lesson, or up to \$3,600 per season of training with professional coaches.
- Marin Sports Social charges \$280/4-person team for 7 game season.
- Marin Catholic and/or Tam High would likely be interested in renting for a club team if we built a 2 to 3 court facility.



Budget

Sausalito recently built the Dunphy Court for ~\$40,000.

- Primary Considerations
- Excavated or Above Grade
- Size
- Drainage
- Fencing
- Border Materials
- Permitting & Approvals
- 2-3 Week Construction Schedule
- Rebates: MMWD's "Cash for Grass"

Item	One Court 50' x 80'	Two Courts 90' x 80'
<i>Sand</i>	\$18,000	\$32,400
<i>Border & Excavation</i>	\$18,000	\$32,400
<i>Equipment (nets, poles, etc.)</i>	\$4,000	\$8,000
<i>Drainage</i>	\$2,000	\$3,500
<i>Fencing and/or Benches</i>	\$5,000	\$9,000
<i>Labor</i>	\$20,000	\$30,000
<i>Contingency & Fees @ 20%</i>	\$13,400	\$23,060
Total Estimate	\$80,400	\$138,360