



# Raft Island Tennis Court

May 2022

Each phase approval would be through an Island Vote

# Items for Discussion and Review

- Overall Vision
- Current Issues
- Tennis Court Today
- Near and Longer Term Vision
- Details on Problem Areas
- Phase Repair Details and Cost

# Overall Vision

- Improve and extend the surrounding land making it usable for all members, families, gatherings, etc.
- Make a multi-use court area
  - Tennis
  - Prickle ball
  - Basketball
  - Possible swings, other
- Extend parking area
- Maintain drainage and manage water runoff

# Current Issues - May 2022



1. Parking starting to slough on the edges due to improper drainage
2. Roadway edge is starting show signs of sloughing into ditch due to improper drainage
3. Tennis court collapsing. No edge holding court or fence poles
4. Court asphalt needs repaired in several locations
5. Fallen trees: Damaged fence poles and fencing
6. Court paint and lines fading



# Tennis Court Today – May 2022

## Usage

- Members play tennis, basketball
- Young persons meet ups.

## High Level Problems/Issues

- Severe water drainage issues contributing to erosion of roadway, parking area and court
- Surrounding fence has been severely damaged by fallen trees
- Court needs resurfacing & some areas of court (asphalt) rebuilt

# Near Term Work 2022 to Realize the Vision

- Fix major drainage issues
  - Retaining wall for roadway and parking area
  - Extend parking area
- Cut identified trees (open space and reduce risk)
- Create compressed edge around court to hold court from falling
- Fill dirt to provide additional flat areas
- Temp stripe of court for pickle ball, volunteers to do this
- Increase the usage of the court area

# Longer Term Work Post 2022 to Realize the Vision

- Fix remaining drainage issues
  - Upgrade drainage ditch with rock wall
  - Fill in areas from wall to court and road expanding level areas
    - This will be for gathering areas
  - Install French drain system to manage surface water to ditch
- Fix the fence with chain link and net vs. high end replacement
- Resurface court professionally for tennis + pickle ball
- Picnic tables, swings, other ideas are welcome

# Improper Drainage - Detail

1. Parking starting to slough on the edges



2. Roadway edge is starting show signs of sloughing into the ditch





# Improper Drainage - Detail

3. Tennis court collapsing. No edge holding court or fence poles





# Asphalt Repair Needed

4. Court asphalt needs repaired in several locations





# Fallen Tree Damage

## 5. Fallen trees: Damaged fence poles and fencing



# Surface is in Poor Condition

6. Court needs resurfacing and lines fading





# Phases I - III Improvements Timeline Over 2 to 3 Years

# Phase I Statement of Work

- Install rock retaining wall in front of parking area
- Extend rock retaining wall across drainage ditch possible two levels
- Extend 12" culvert pipe beyond new retaining wall
- Back fill and compact area with dirt and crushed rock, this will be new parking area
- Install 24" wide x 12" deep compressed rock edge of tennis court asphalt (This is to provides a support edge for asphalt)

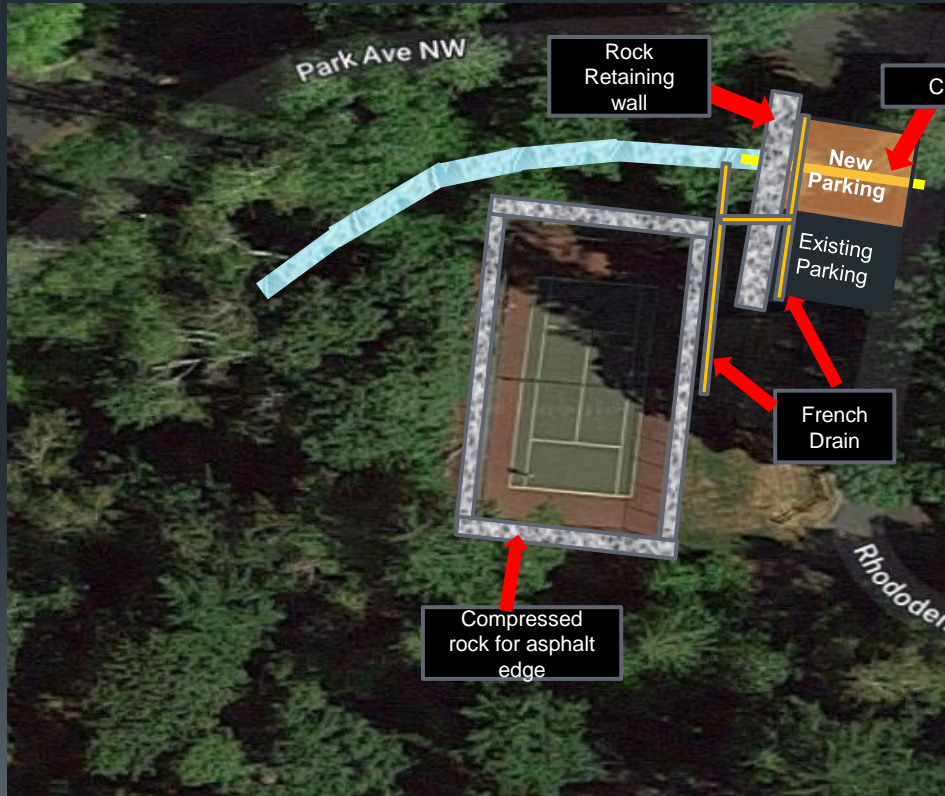
Cost: \$61,000

Timeline 2022

- Tasks below will be done by RIIA at minimal cost:
  - Remove identified trees
  - Temporary repair fence (RIIA will do what they can)
  - Power wash court
  - Tennis court temporary relining
  - Add temporary pickle ball lines
  - Purchase pickle ball equipment (store in a locked area at court for use)



# Phase I



# Phase II Statement of Work

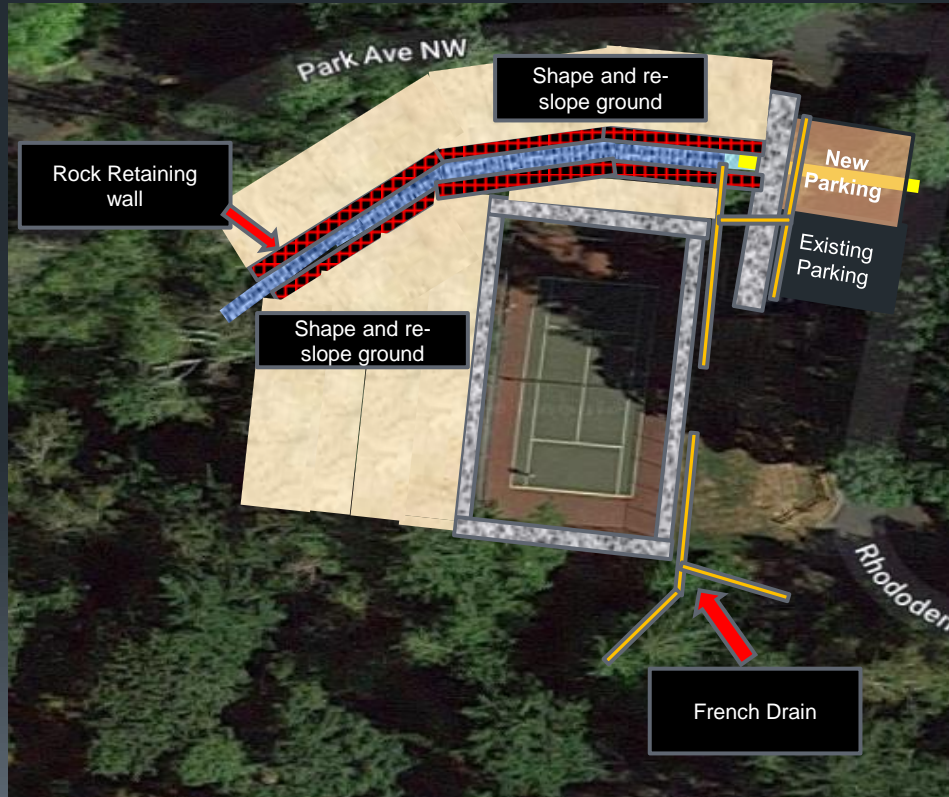
- Remove existing stumps (3)
- Clean out and reshape drainage ditch
- Install Rock retaining wall on both side of drainage ditch
- Shape and Re-slope ground and add dirt on top side of ditch. Should slope to street and gentle slope to tennis court.
- Additional back fill will be required to level areas. Including both sides of ditch and back side of court
- Shape and re-slope ground behind court additional backfill shall be required
- Install fabric and rock on bottom of drainage ditch
- Install French drain system on far side of court. French drain system shall route to drainage ditch between court and house

Cost: \$63,000

Timeline 2023



# Phase II



# Phase III Statement of Work



- Repair Tennis court asphalt
  - Requires cutting out section
  - New substrate
  - New asphalt
- Resurface/paint court
- New permanent tennis and pickle ball court lines
- New Fence
  - Poles
  - Fencing

Cost: TBD, too far out,  
2+years to know that cost  
today.



# What Can You Do?

Take a walk and see for yourself

Feedback on ideas or approach or solution are welcome

Send feedback to our Island Manager Carolyn:

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Questions?