

**Don McKay**  
**Eric Penney**  
Principals,  
Nagle Hartray  
Architecture

**Matt Freeby**  
Project Manager,  
Water Technology Inc.

# Aquatics Master Plan Meeting No. 2

Park District of Oak Park

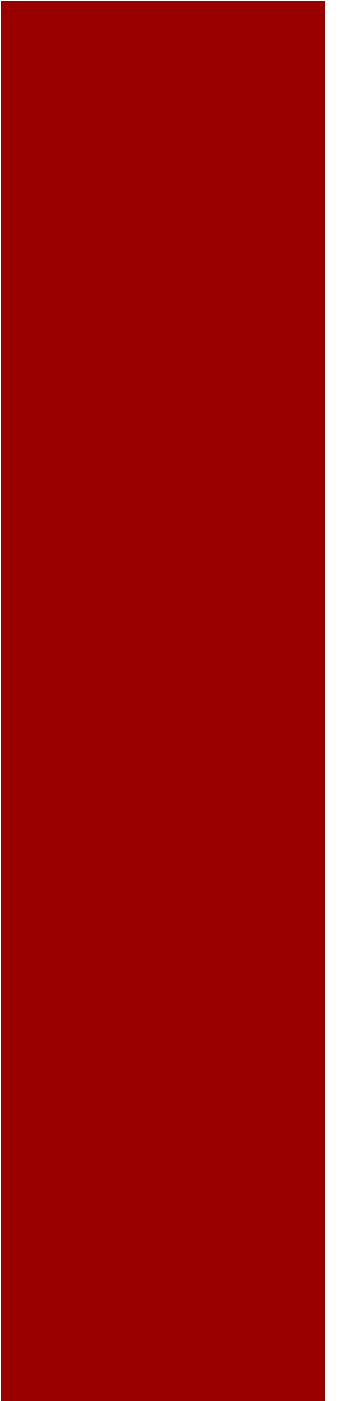


# Tonight's Discussion

- Review of Goals & Objectives
- Review of Meeting One
  - Update on grant application
  - Recap of comments
  - Survey results
- Part 1 - Pool Amenities
  - Options for Pool Amenities
  - Pool Amenities Public Comments
- Part 2 - Indoor Pool
  - Indoor Pool Considerations
  - Indoor Pool Public Comments
- Next Steps



# Meeting No. 1 Review





# Goals & Objectives

- Establish aquatics strategy for the next twenty years
- Address safety, accessibility and maintenance
- Optimize use of the pools with public input
- Improve amenities to better serve all ages
- Pool capacities remain unchanged
- Stay within limitations of existing properties





# Meeting One Comments

- Process felt hurried
  - Grant application deadline required rapid response to qualify for a significant funding opportunity
  - Overall process includes three meetings plus multiple surveys
- Lap swimming concerns
  - Park District will not reduce lap swimming access
- No space taken from Rehm Park
  - Grant application revised – equipment within pool area
- Interest in an indoor pool
  - Researched the options and will discuss Part 2 later tonight

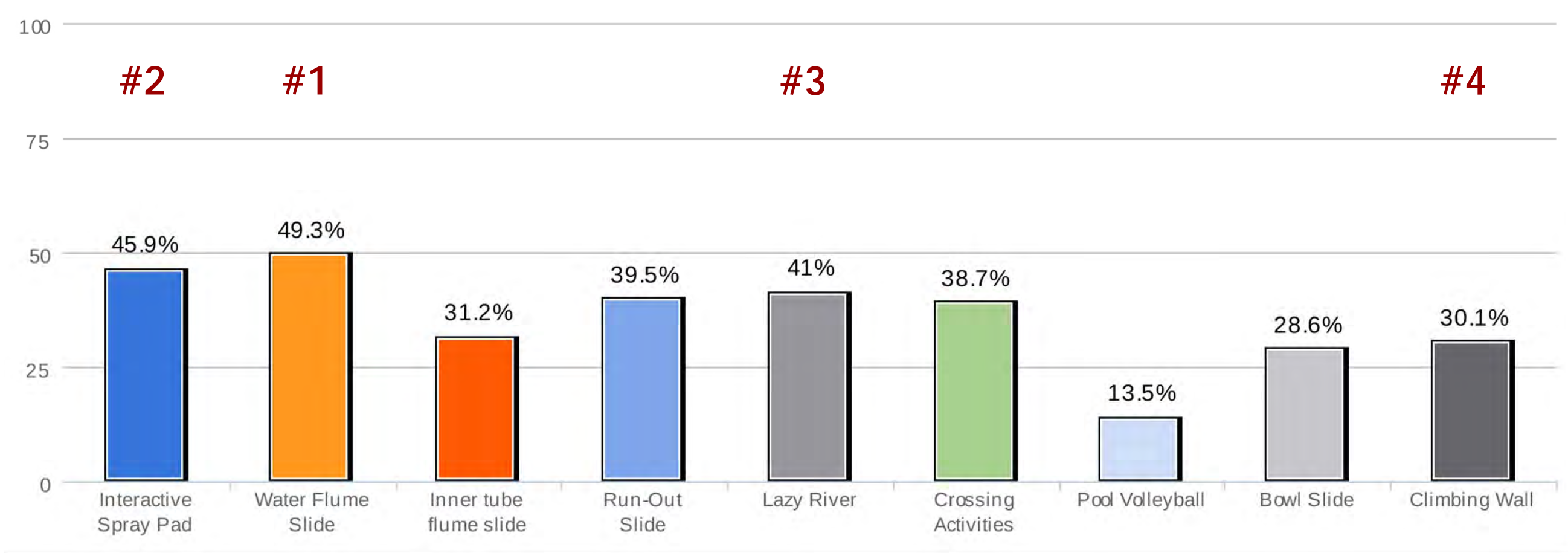
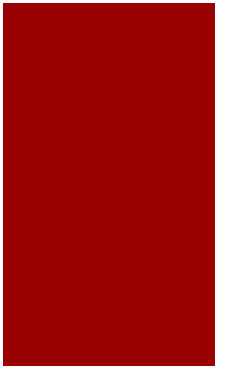


# On-line Survey Results

- 491 Respondents (93% Oak Park residents)
- 8% Attended Meeting No. 1
- 84% Had pool passes in last 3 years
- 84% Have children in the household
- 32 % kids 0-4; 66% 6-12; 42% teens
- Typical respondent uses pools 1-5 times a week
- 63% use Rehm and 37% use Ridgeland Common
- 63% want additional shade structures

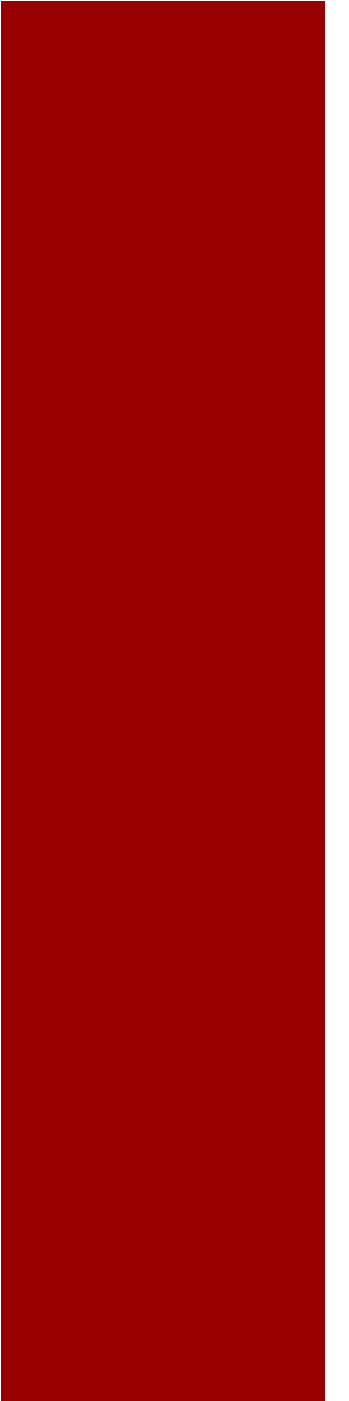


# Optional Pool Amenities

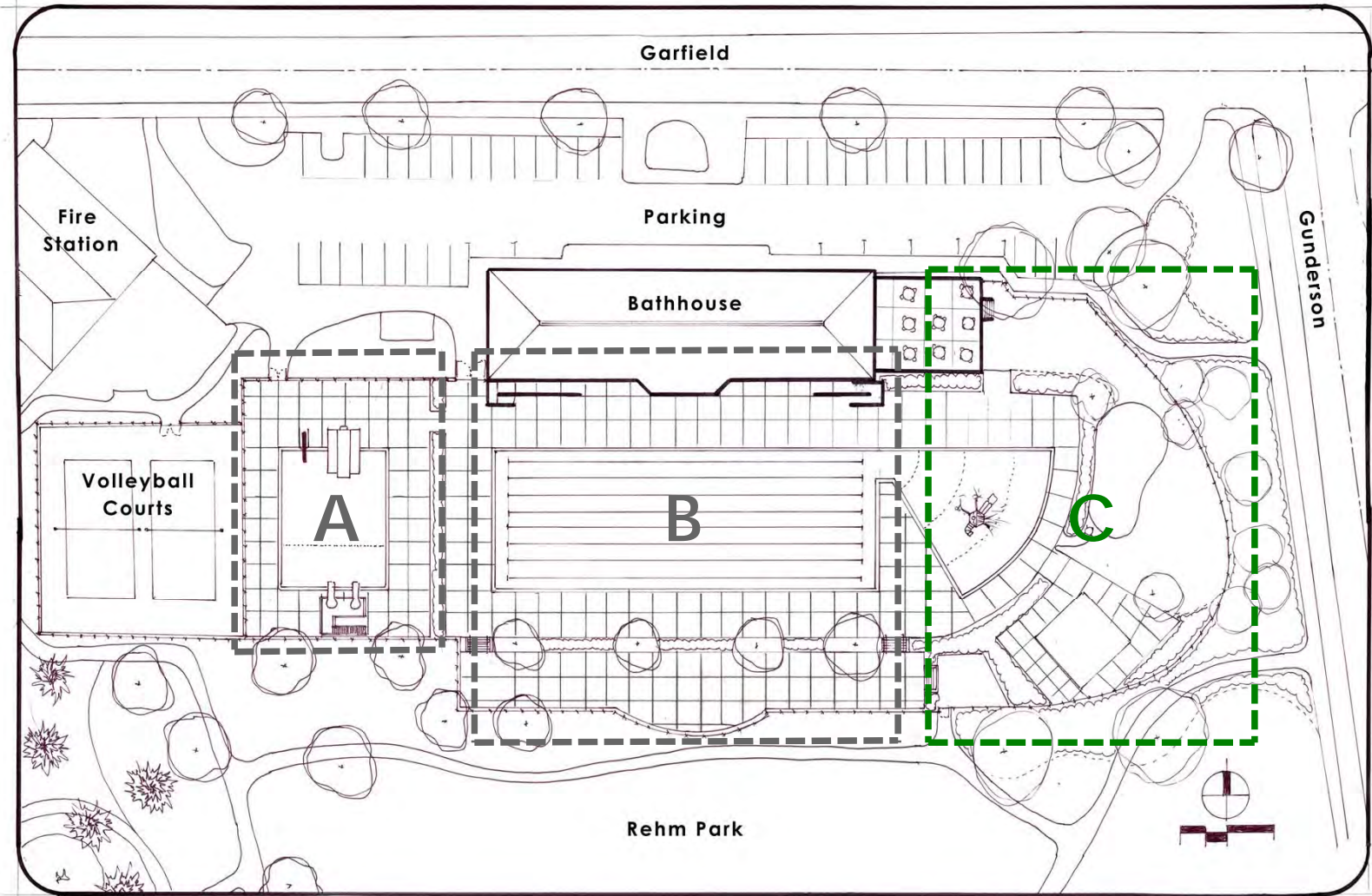


# Part 1

## Pool Amenities



# Existing Rehm Pool Layout



**A** Diving well:  
1, 3, 7 & 10 meter diving  
Drop slides

**B** Main Pool:  
50 meter lanes  
Observation deck

**C** Kids area:  
Zero-depth w/play features  
Wading pool  
Sand box

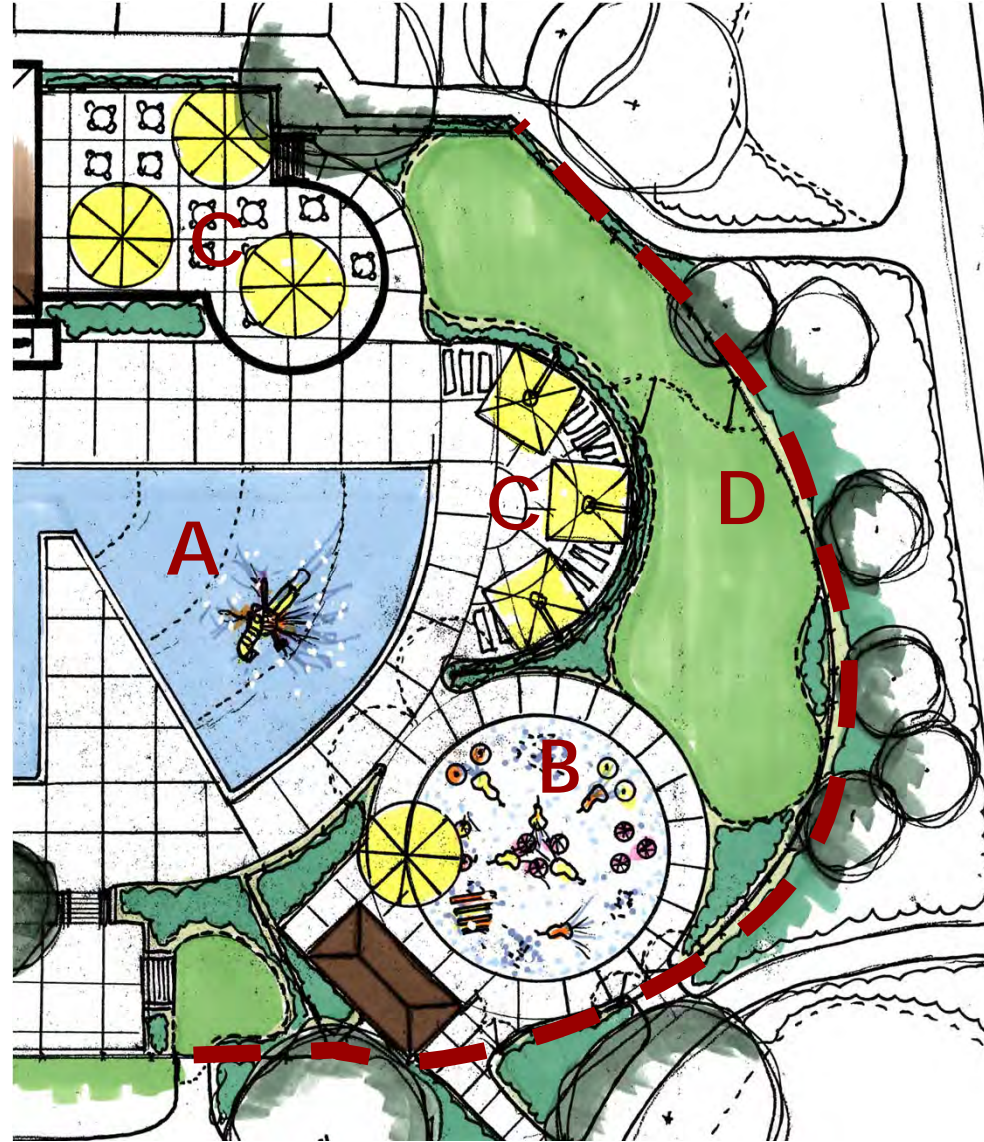
# Kids Area Amenities (Grant Submittal)



**A** Existing zero-depth



**B** Splash Pad

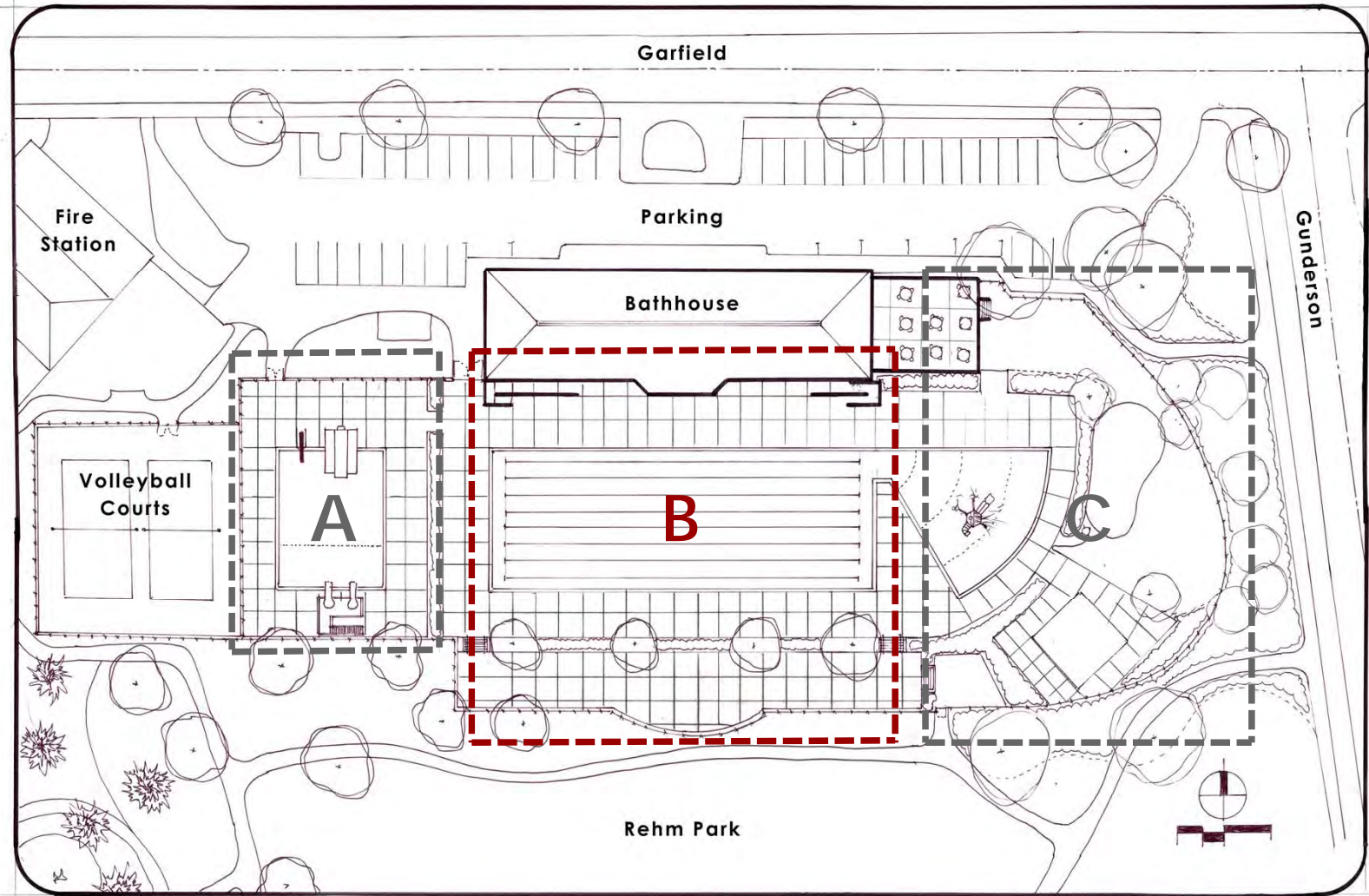


**C** Shading & Seating



**D** Lawn Area

# Existing Rehm Pool Layout

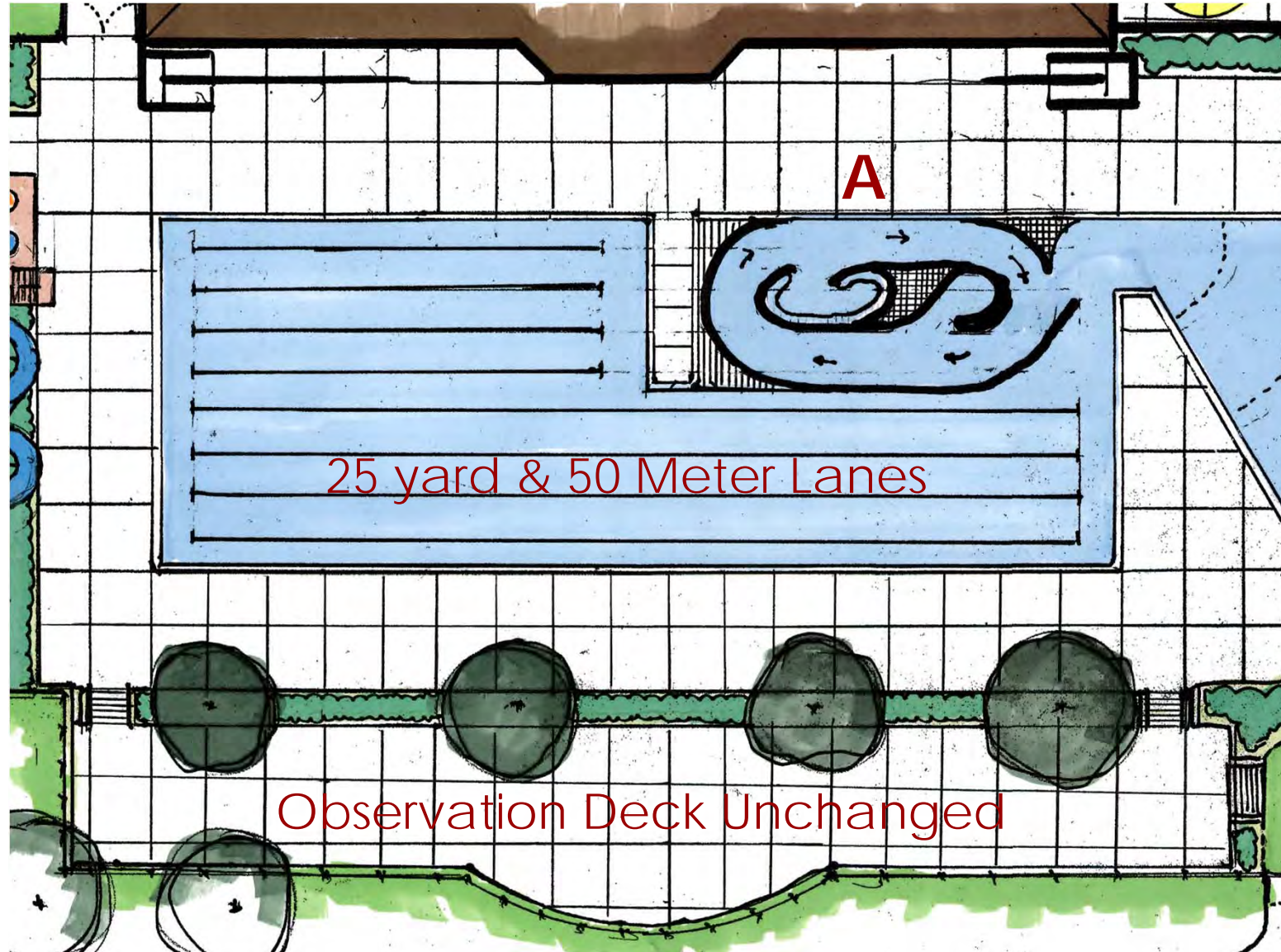


**A** Diving well:  
1, 3, 7 & 10 meter diving  
Drop slides

**B** Main Pool:  
50 meter lanes  
Observation deck

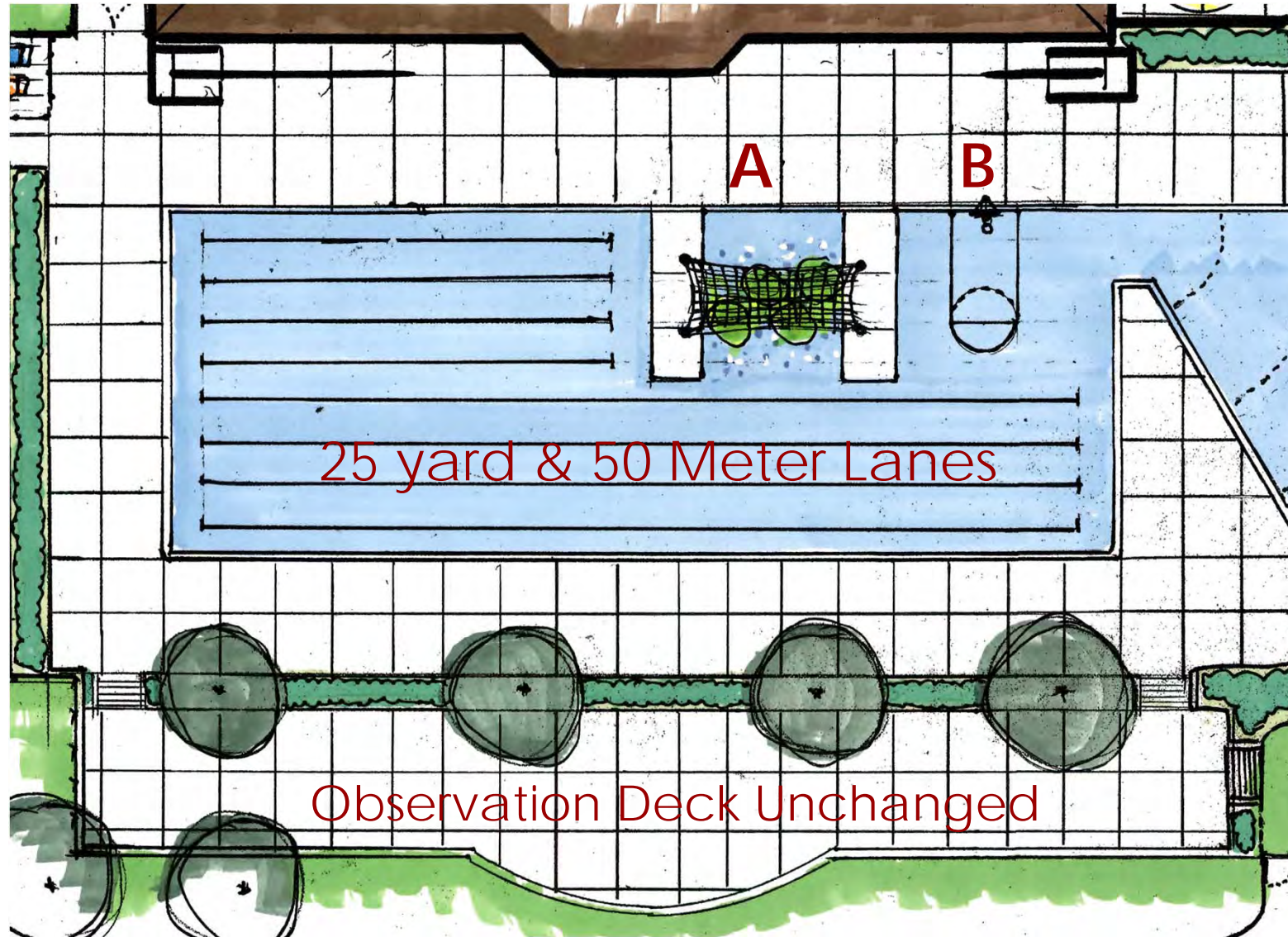
**C** Kids area:  
Zero-depth w/play features  
Wading pool  
Sand box

# Main Pool Amenity Options



**A** Current Channel

# Main Pool Amenity Options

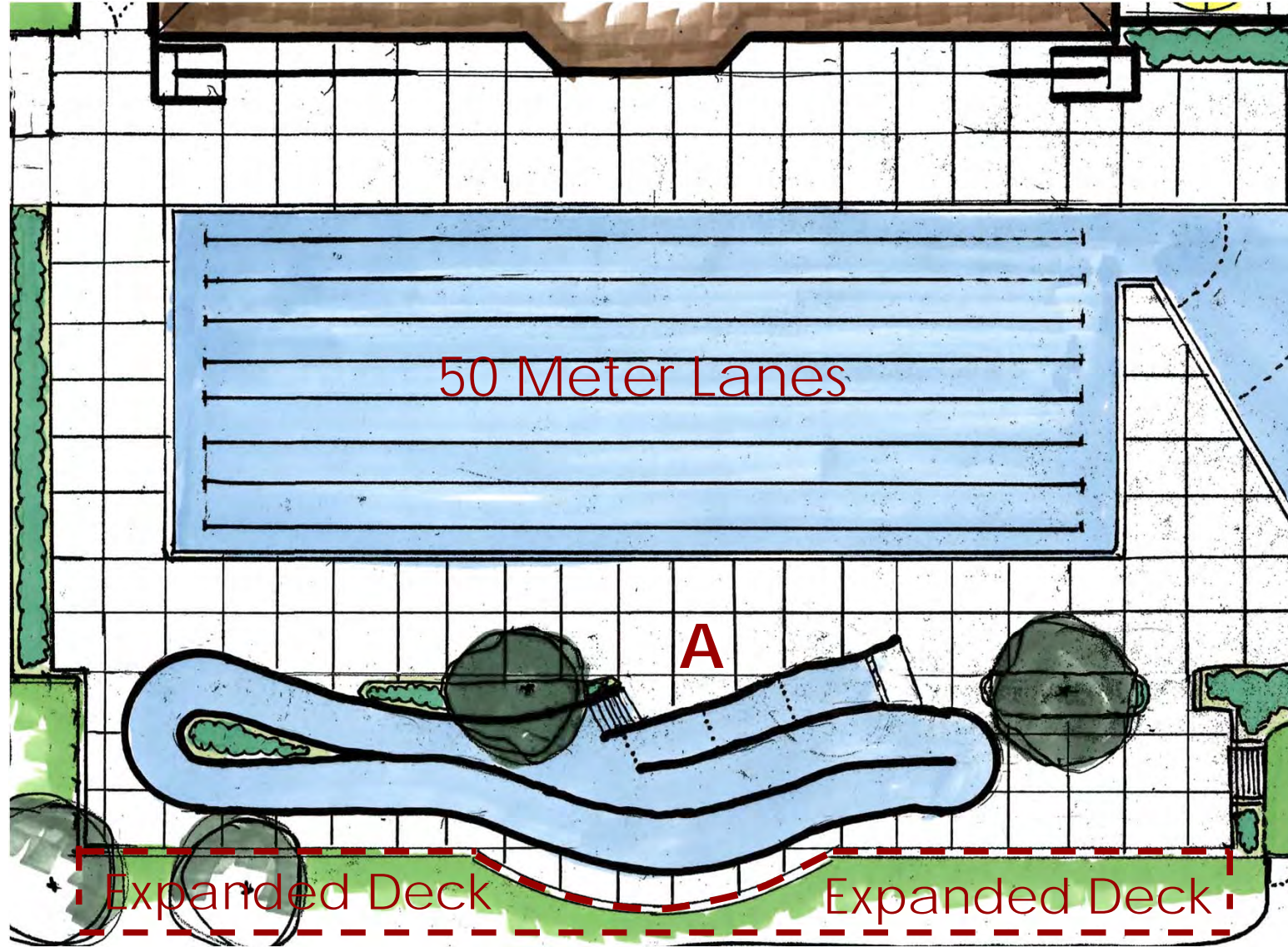


**A** Crossing Activity



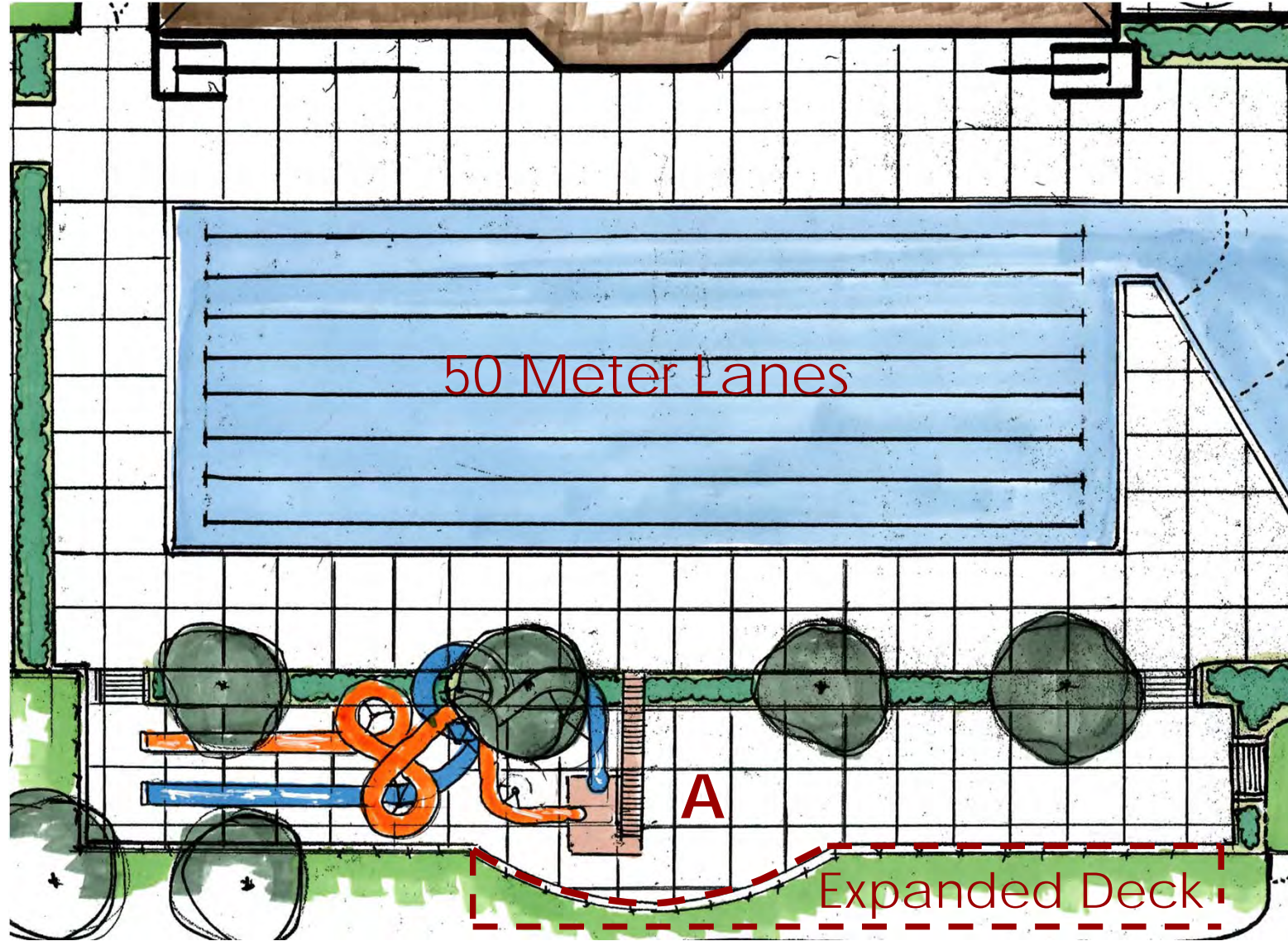
**B** Pool Basketball

# Main Pool Amenity Options



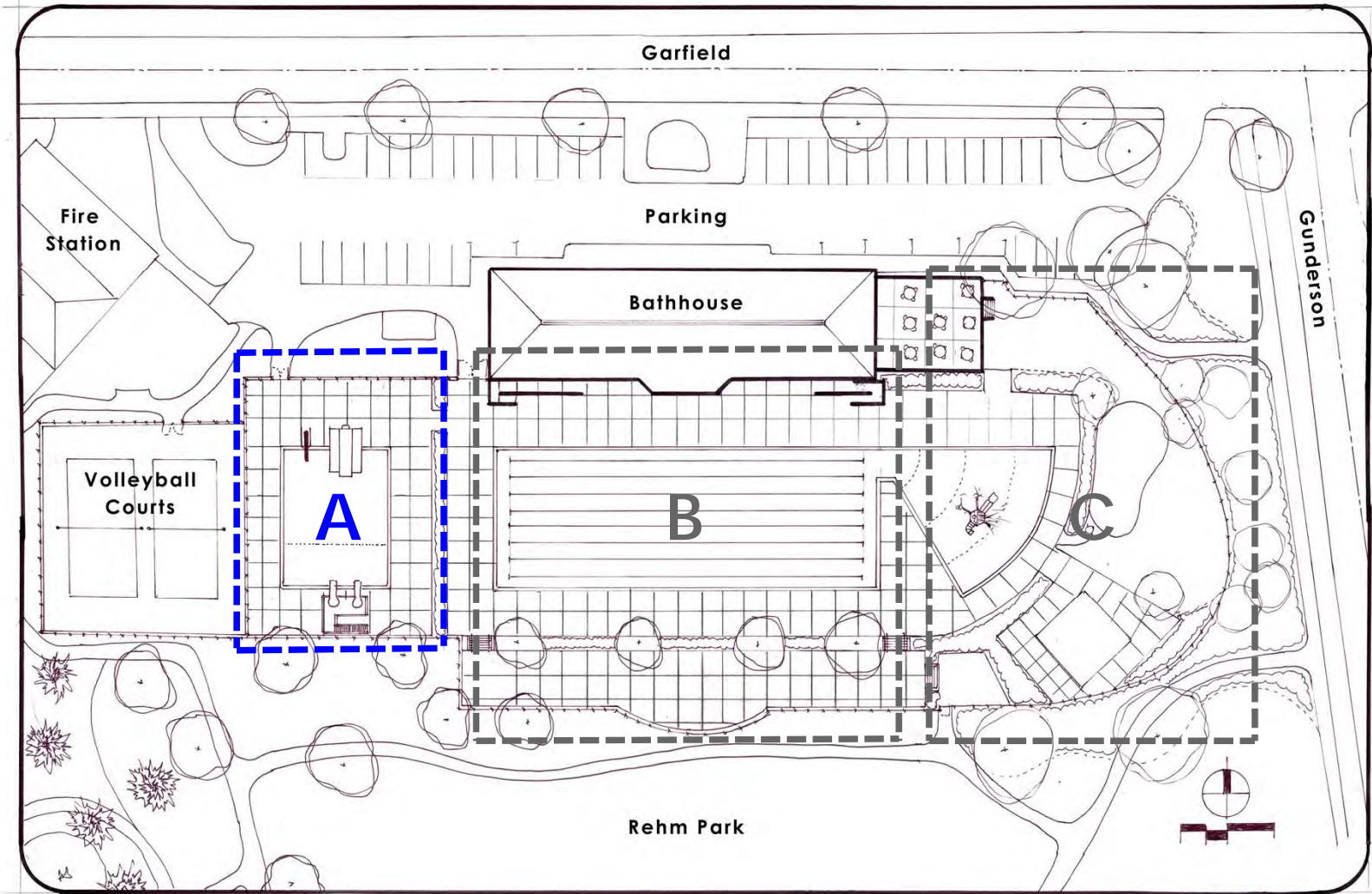
**A** Lazy River

# Main Pool Amenity Options



**A** Water Flume Slides

# Existing Rehm Pool Layout



**A** Diving well:  
1, 3, 7 & 10 meter diving  
Drop slides

**B** Main Pool:  
50 meter lanes  
Observation deck

**C** Kids area:  
Zero-depth w/play features  
Wading pool  
Sand box

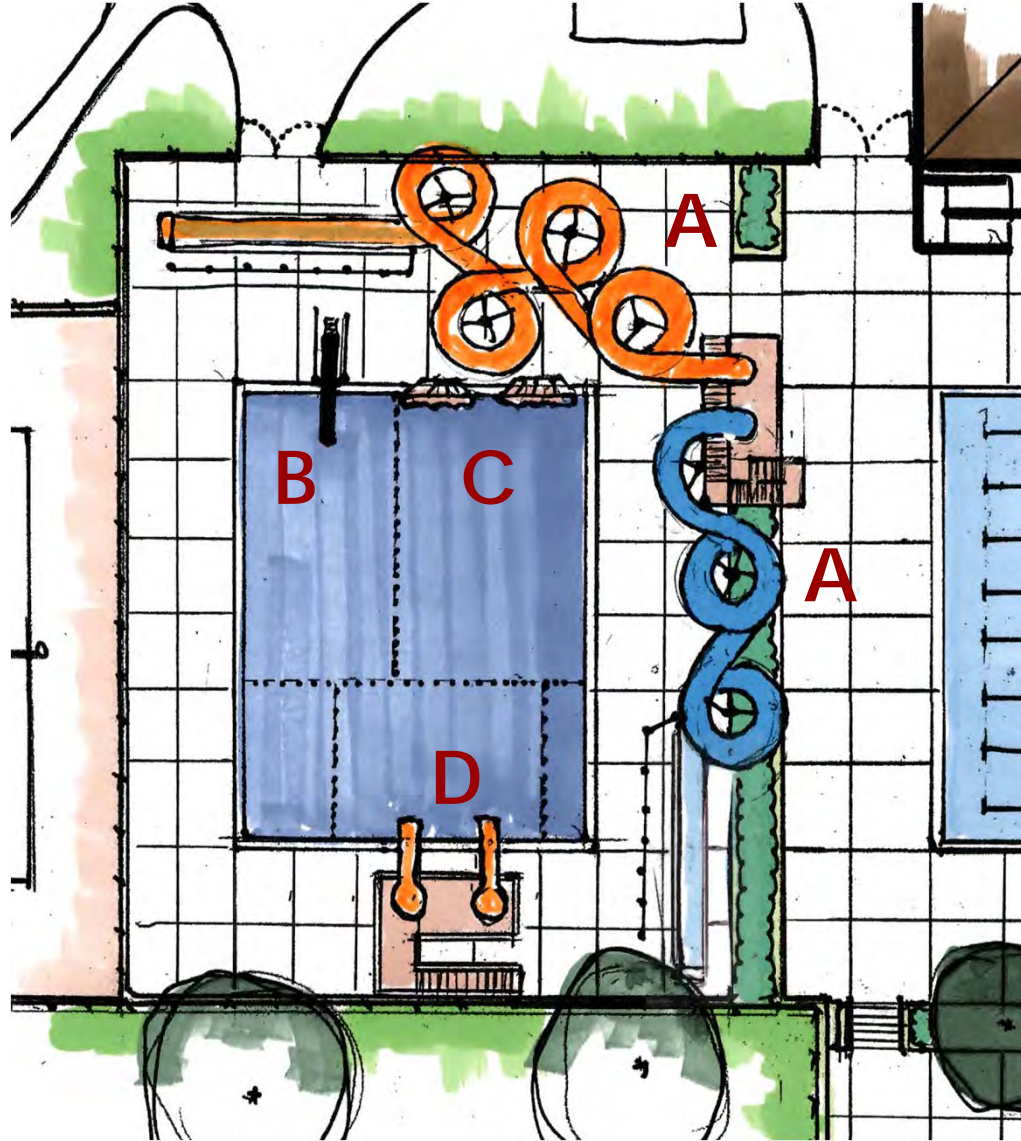
# Diving Well Amenity Options



**A** Water Flume Slides



**B** 1m Diving Board



**C** Climbing Wall

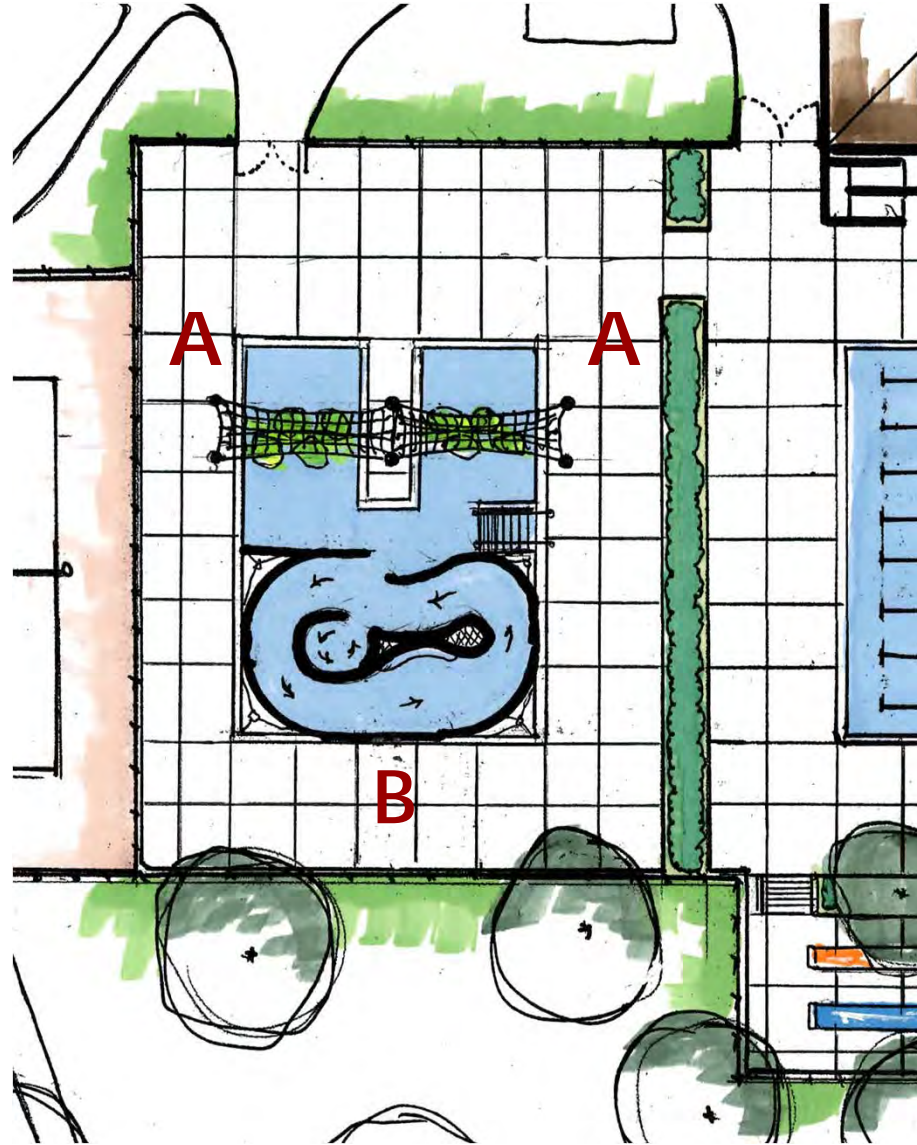


**D** Drop Slides

# Diving Well Amenities (shallow water)

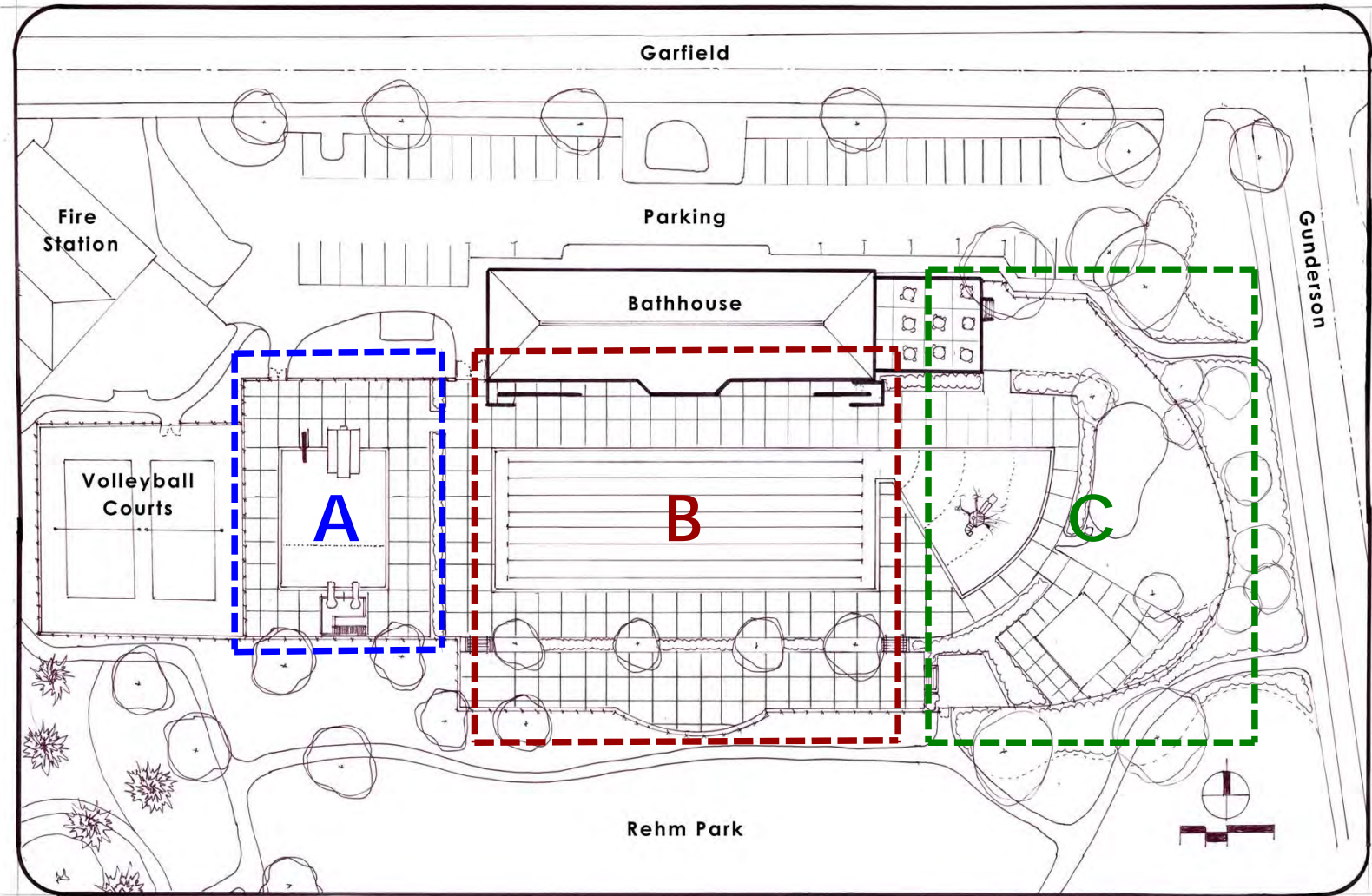


**A** Crossing Activities



**B** Current Channel

# Existing Rehm Pool Layout

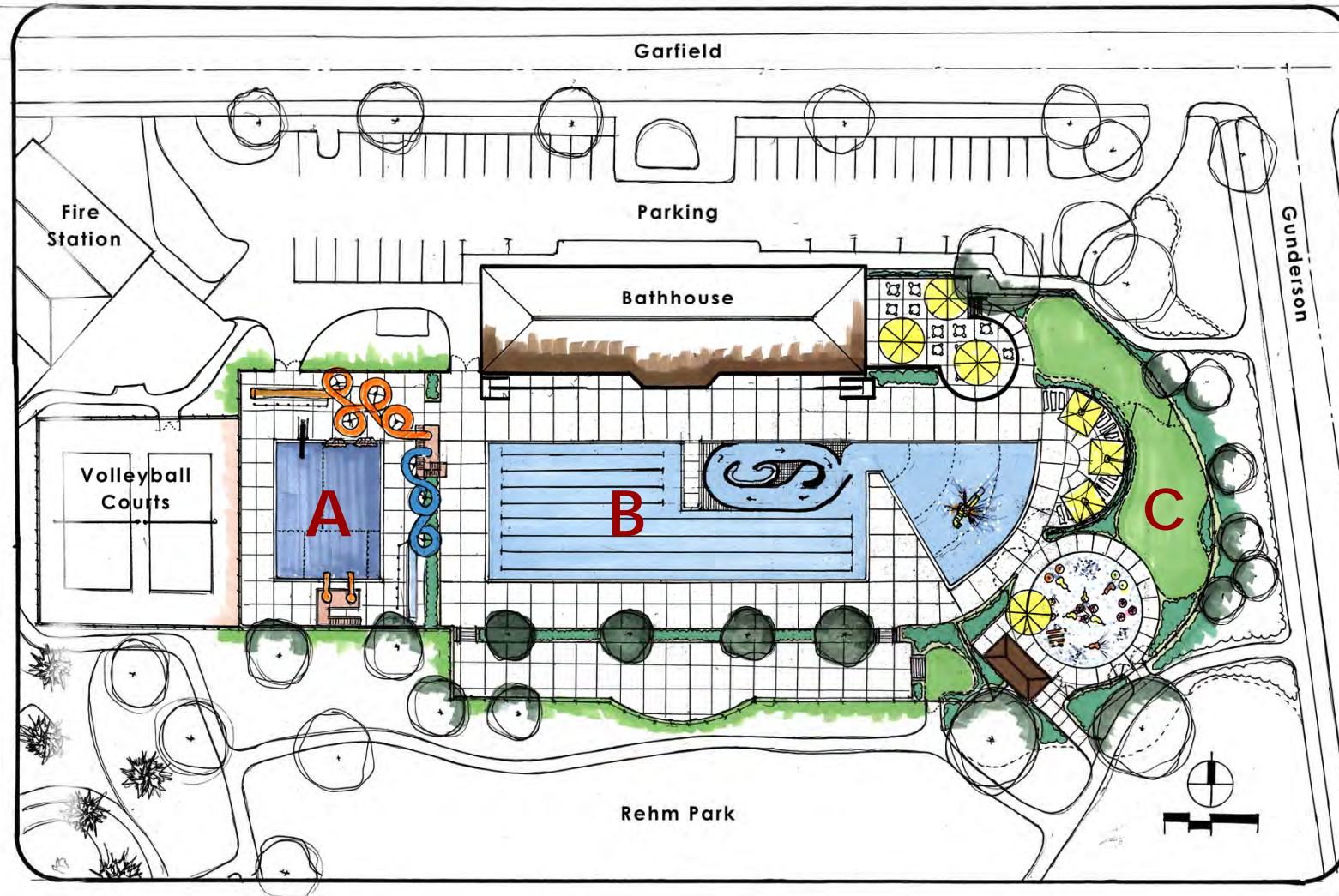


**A** Diving well:  
1, 3, 7 & 10 meter diving  
Drop slides

**B** Main Pool:  
50 meter lanes  
Observation deck

**C** Kids area:  
Zero-depth w/play features  
Wading pool  
Sand box

# Rehm Pool Options Layout #1

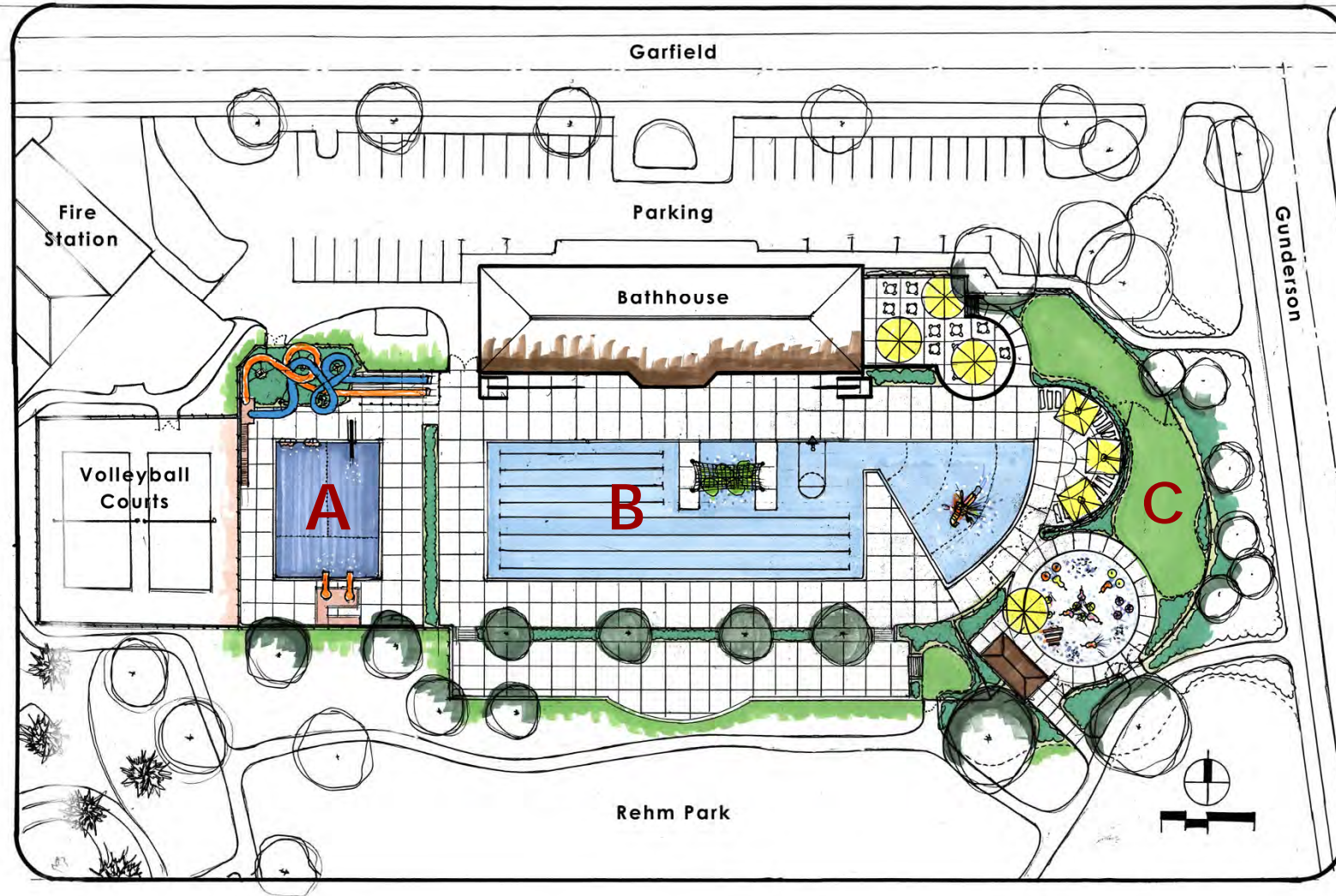


**A** Diving well:  
Water flume slides  
Climbing wall  
1m diving board  
Drop slides

**B** Main Pool:  
25 yard & 50 meter lanes  
Current channel  
Observation deck

**C** Kids area:  
Zero-depth w/play features  
Splash Pad  
Enhanced shade & seating  
Expanded lawn area

# Rehm Pool Options Layout #2

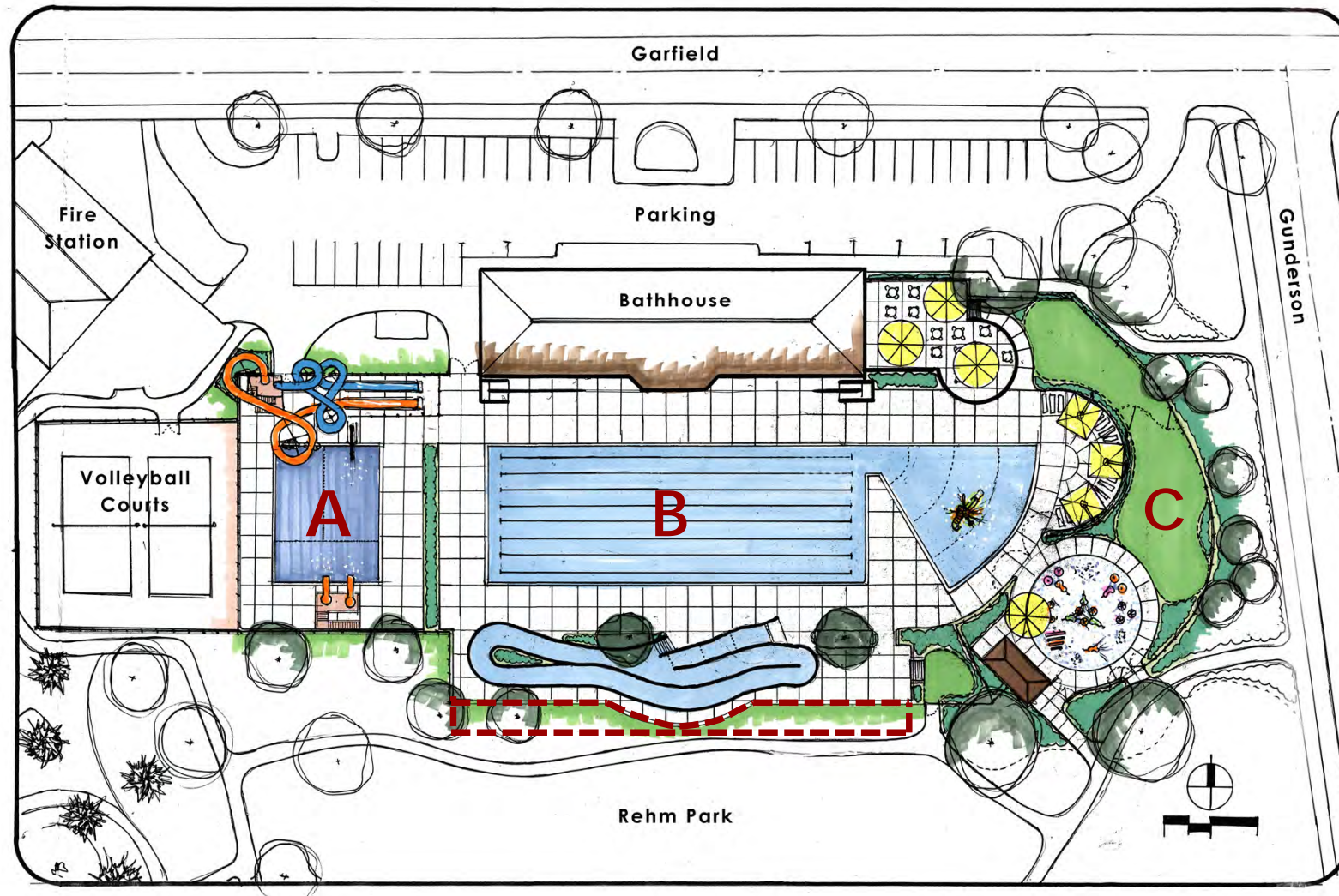


**A** Diving well:  
Water flume slides  
Climbing wall  
1m diving board  
Drop slides

**B** Main Pool:  
25 yard & 50 meter lanes  
Crossing activity  
Water basketball

**C** Kids area:  
Zero-depth w/play features  
Splash Pad  
Enhanced shade & seating  
Expanded lawn area

# Rehm Pool Options Layout #3

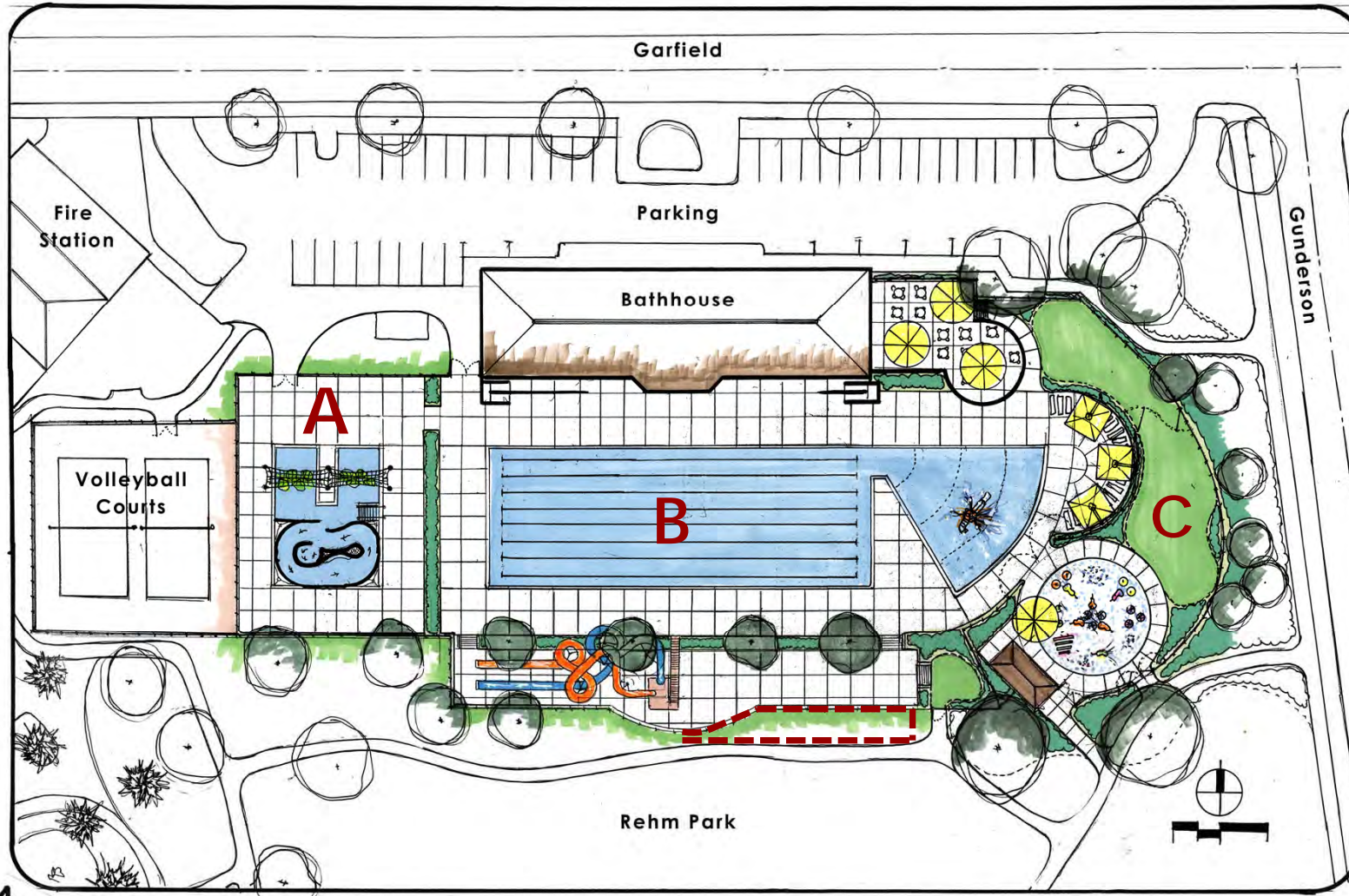


**A** Diving well:  
Water flume slides  
Climbing wall  
1m diving board  
Drop slides

**B** Main Pool:  
50 meter lanes  
Lazy river  
Expanded deck

**C** Kids area:  
Zero-depth w/play features  
Splash Pad  
Enhanced shade & seating  
Expanded lawn area

# Rehm Pool Options Layout #4



**A** Diving well:  
Shallow water  
Crossing activities  
Current channel

**B** Main Pool:  
50 meter lanes  
Water flume slides  
Expanded deck

**C** Kids area:  
Zero-depth w/play features  
Splash Pad  
Enhanced shade & seating  
Expanded lawn area

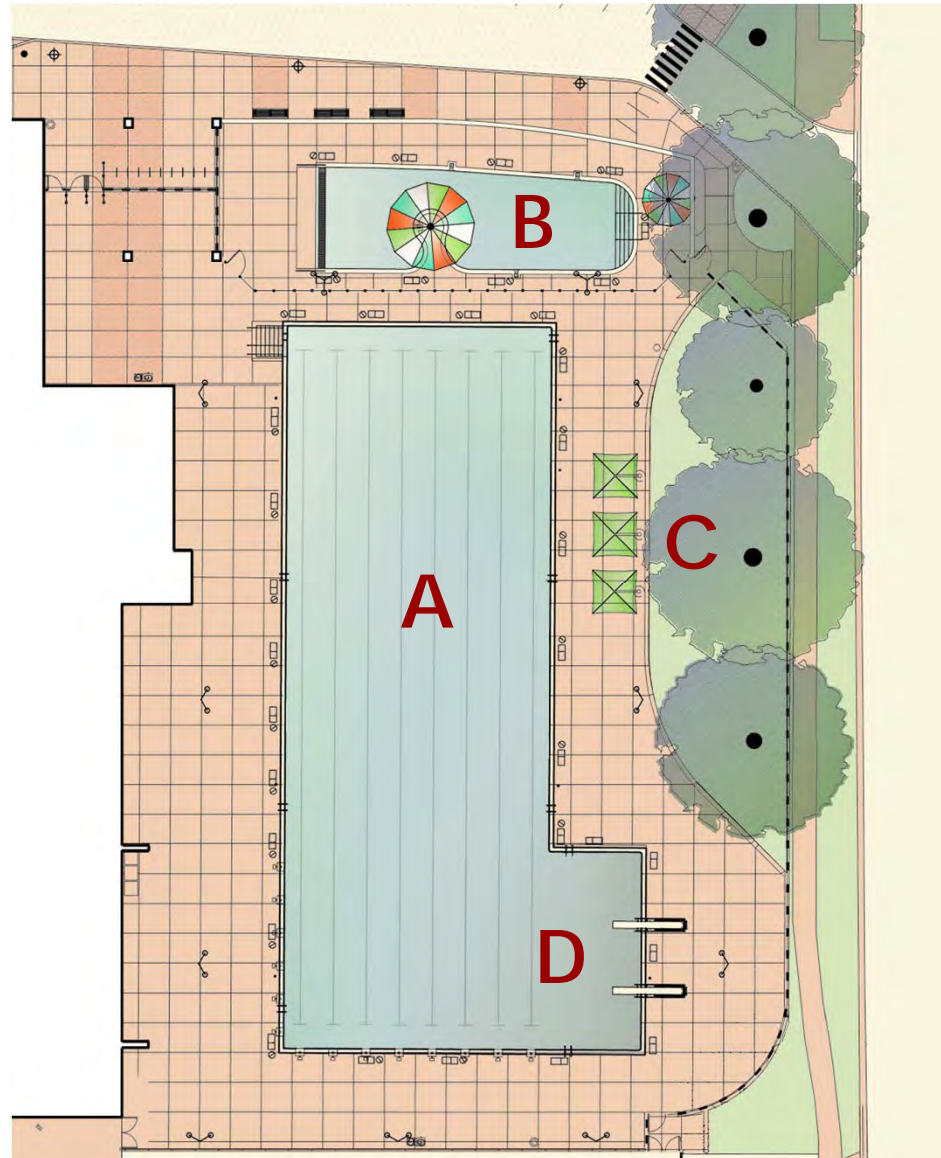
# Ridgeland Common Amenities



**A** 50 meter lanes



**B** Zero-depth pool



**C** Shades and seating



**D** 1 meter diving boards

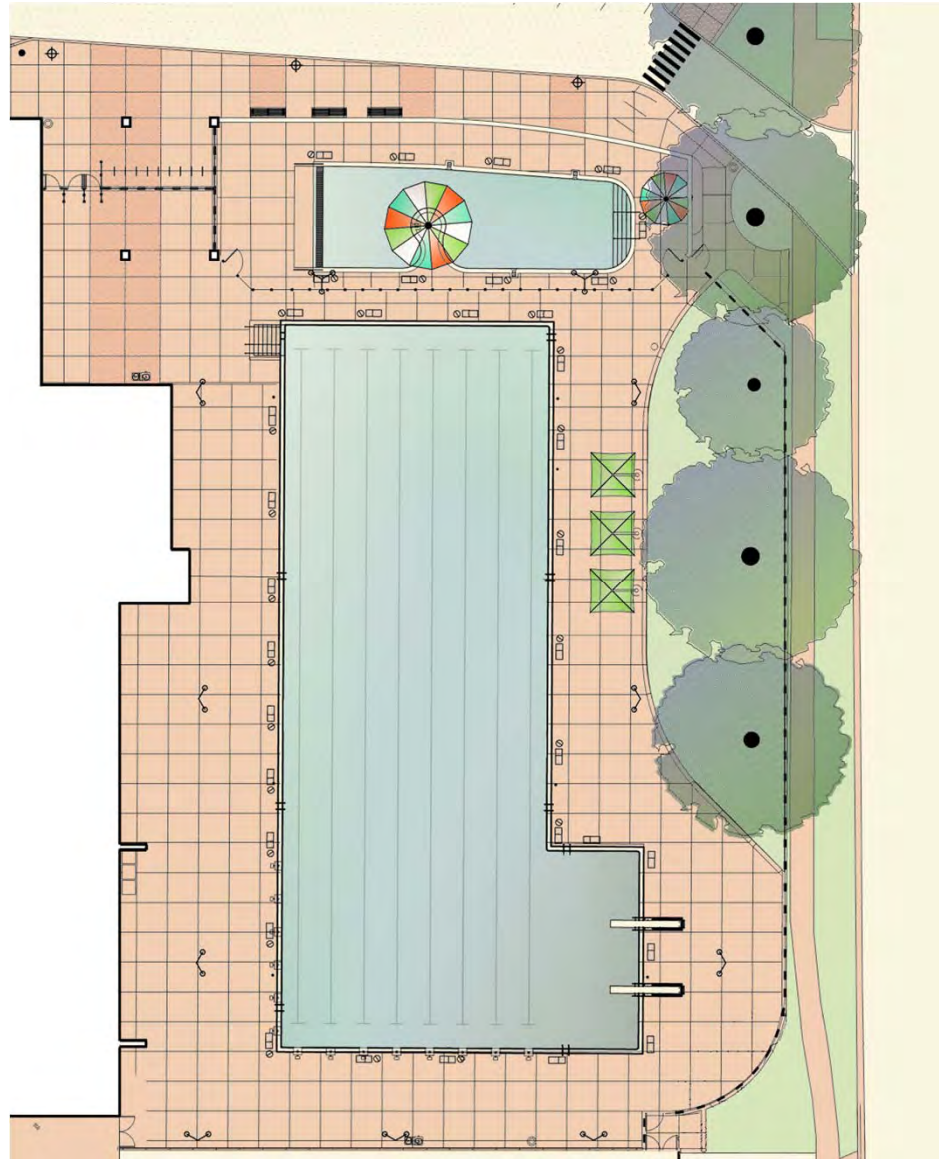
# Ridgeland Common Amenity Options



**A** Lessons



**B** Games & activities



**C** Inflatables

# Part 1

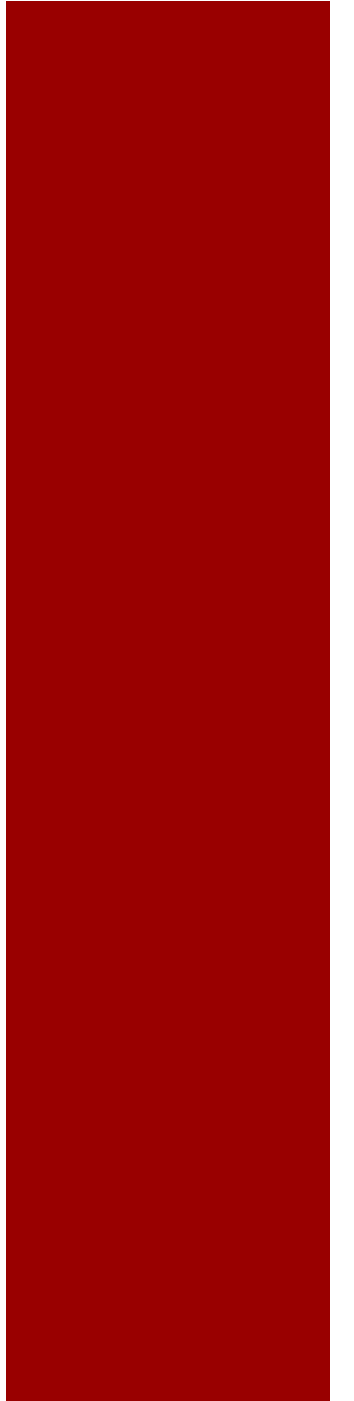
# Pool Amenities

# Public Comments

Online Survey at:  
<https://www.surveygizmo.com/s3/1630210/PDOP-2nd-Pools-Survey>

# Part 2

## Indoor Pool



# Funding Considerations

- Currently PDOP outdoor pools generate funds to be used toward capital projects throughout the Park District
- Based on research indoor pools typically do not cover all operating costs
- Indoor pool could potentially reduce funds PDOP has to allocate towards its capital improvement plan



# Operational Considerations

- Indoor pools with best use mix for financial success include:
  - Activity pool for kids play
  - Lap swim pool
  - Therapy and lessons pool
- Indoor pools are typically more successful when housed within a community recreation center or fitness facility



# Indoor Pool – Fabric Enclosure

- Reviewed with IDPH and building code officials
- Minimally engineered and lacks structural redundancy
- Considered a permanent structure – must comply with all codes including fire protection and energy
- Not suited to varying climate – insulation and energy efficiency affected by humidity levels
- IDPH has never approved a fabric enclosure system
- Savings limited to enclosure system and offset by shorter life span
- Building code officials consider fabric enclosures high risk installations that performs poorly in emergency situations. Even partial failure can compromise life/safety and exiting
- Short term savings offset by extensive risk and liability when installed over pools

**Conclusion: Permanent structure recommended**

# Indoor Pool-Permanent

## Ridgeland Common

2014 Renovation  
20 year duration  
Zoning variance  
Constricted site  
Size of structure  
Support facilities in place  
Expand equipment room  
Additional parking needs

**\$13m - \$16m**

+ operating costs

## Rehm Pool

1996 Renovation  
5-10 year duration  
Zoning variance  
Larger site area  
Size of structure  
New support facility  
Larger facility possible

**\$16m - \$19m**

+ operating costs

## New Facility

Purchase land  
Zoning  
Parking  
Traffic  
Limited properties

**\$35m - \$40m**

+ operating cost

# Indoor Pool Public Comments

Online Survey at:  
<https://www.surveymoz.com/s3/1630210/PDOP-2nd-Pools-Survey>