Agenda

I. Condition of Existing Pool
II. Needs Analysis / Building Program
III. Example Remodel
IV. Recommendations
V. Questions
I. Condition of Existing Pool

- Immediate Issues
  - Wading Pool does not meet ADA
  - Main Pool return lines have been re-plumbed over the wall of the pool
  - Main Pool drain boxes have been removed
  - The existing pvc liners for both pools have reached their useful life
  - Existing pool floor is in need of repair

- Items to be reused
  - Filtration and Chemical feed systems were replaced in 2015
  - Existing Water Slide can remain
  - Existing infrastructure can remain (bath house, parking, filter building)
I. Condition of Existing Pool
II. Needs Analysis / Building Program

Attendance

- Population 24,639 (2023,) Round off to 25,000 people
- Average Daily Attendance @ 2% = 500 people
- Average Annual Attendance = 40,000 people
- Discount for Limited Facilities = -10,000 people
- Average Annual Attendance = 30,000 people
- Peak Hour Attendance @ 95% ADA = 475 people

Facility Requirements

- Pool Surface Area = 9500 s.f.
- Water Slides (1 per 300 people) = 2 Slides
- Beach and Deck Area = 28,500 s.f.
- Shade Structures = 4,750 s.f.
- Spray ground or Wading Pool = 1500 s.f.
III. Example

A renovated/expanded facility instead new
a. Utilize some of existing pool tank
b. Renovate wading pool to add spray decks
c. Add waterplay amenities
d. Add New Entry from parking lot

Example:
Ginty Pool
Morris Twp., New Jersey
IV. Recommendations – Overall Layout

- **Wading Pool**
- **Zero Depth / Leisure Zone**
- **Competition Pool / Lap Lanes**
- **Activity Zone**
- **Wading Pool**
IV. Recommendations

Wading Pool

- Add zero depth entry
- Add climbable play structure with slide
- Add spray features
- Add approachable water table style play features
Wading Pool Features
IV. Recommendations

Zero Entry / Leisure Zone

- New zero depth entry with ADA ramp entry
- New Tall dumping and spray feature
- New Whirlpool Feature
- New Stair entry with ADA accessibility
- In water bench seating
- In Pool Shade in leisure area
Zero Entry / Leisure Zone Features
IV. Recommendations

Competition Pool / Lap Swimming

• Relocated Lap Lanes / wider and regulation length
• Lap lanes can be opened for longer periods during the day
IV. Recommendations

Activity Zone – Multipurpose Active Zone

- Climbing Walls
- New open flume slide
- Existing Tube slide to remain
Activity Zone – Multipurpose Active Zone
IV. Recommendations

BCI recommends renovating the existing facility.

a. Attendance Forecast: 30,000 people annually

b. Revenue Forecast:
   
   $6.00 per visitor x 30,000 people = $180,000

c. Operating Expense Forecast:
   
   $0.85/gallon @ 200,000 gallons = $170,000

d. Capital & Debt Service Obligations
   
   Per average household - $20 increase

V. Questions?
IV. Recommendations – Overall Layout

- Competition Pool / Lap Lanes
- Zero Depth / Leisure Zone
- Activity Zone
- Wading Pool