



MOSER
PILON
NELSON
ARCHITECTS



Cousilman · Hunsaker
AQUATICS FOR LIFE

**Town of Glastonbury, CT
Indoor Aquatic Facility Feasibility Study
January 14, 2019**

MOSER PILON NELSON ARCHITECTS

Founded In 1980

Located in Wethersfield, Connecticut

23 Team Members / 13 Registered Architects

Completed Projects throughout New England and New York



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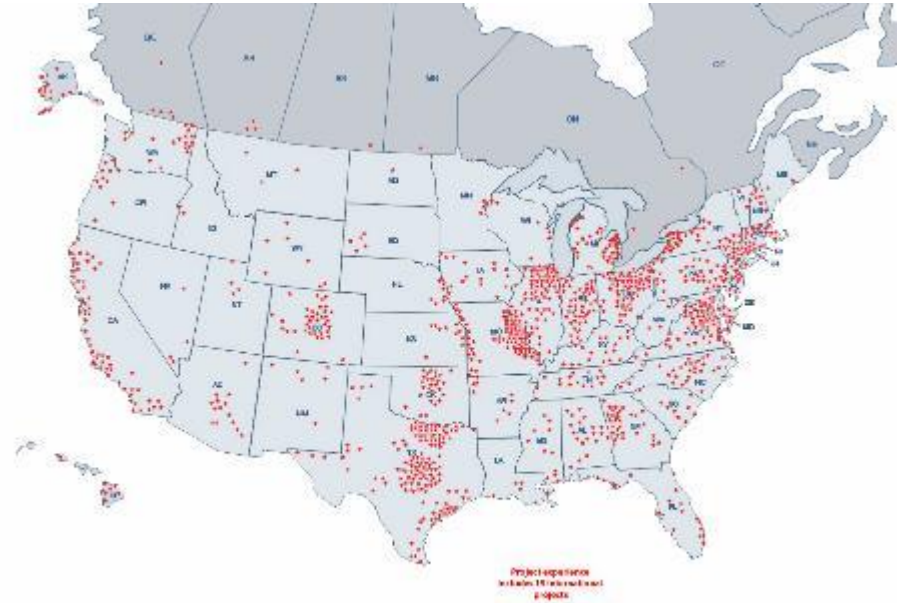
COUNSILMAN-HUNSAKER

Founded In 1970
30 Team Members

4 Locations: Dallas, Denver, LA, St. Louis

Licensed To Do Business In All 50 States

- **1,000+ Aquatic Facility Design Projects**
- **500+ Parks & Recreation Aquatic Projects**
- **250+ Feasibility Studies And Master Plans**
- **250+ Industry Design Awards**



AQUATIC USER GROUPS



Recreation



Competition



Instruction



Wellness & Therapy



INITIAL FEEDBACK



INITIAL FEEDBACK

- Strong support for a local aquatic facility, as Glastonbury residents regularly travel outside of the Town to visit an aquatic center
- Several comments supporting two separate bodies of water with different temperatures, one for competition and lap swim, and one for swim lessons, water fitness classes, leisure swim and water walking
- Options to be explored will include 6-lane and 8-lane competition swimming pools
- Long-term financial sustainability is an important consideration for the aquatic center
- Gymnastics mentioned as a request for non-aquatic activities



INITIAL FEEDBACK

- Inclusion of 1-meter and possibly 3-meter diving
- Strong support for a community-oriented pool
- Recreational amenities would be nice if the pools also supported the wellness and instructional needs of the Town residents
- Local competitive community would love a pool within the Town of Glastonbury
- Vision for a community center that provides aquatic offerings to enhance the quality of life in Glastonbury



INITIAL FEEDBACK

- Stress on the importance of an aquatic facility in order to teach children within the community how to swim
- Facility should contain larger deck and better acoustics than the GHS swimming pool
- Building considerations include providing larger entry doors to handle multiple persons and separate entries for teams and families
- Support for an aquatic therapy pool with water temperatures above 90 degrees
- Upper Valley Aquatic Center in White River Junction, VT was mentioned as a preferred layout with multiple pools for the different aquatic user groups



PREFERRED AQUATIC AMENITIES



PREFERRED AQUATIC COMPONENTS

- **6 or 8-Lane Lap / Competition Pool**
 - Serve the competitive needs of Glastonbury
 - Provide lap swimming opportunities for the community
 - Lack of demand for daily capacity of a 50M pool
 - 1-meter diving for competitive and recreational purposes
 - Shallow water for swim lessons, aerobics and programs
 - Water temperature – 82 degrees
 - ADA accessible lift and stair entry
 - Spectator seating for 200



PREFERRED AQUATIC COMPONENTS

- **Shallow, Warm-Water Programming Pool**
 - 25-yard lap lanes
 - Open water for water walking, aerobics classes, swim lessons
 - ADA accessible ramp
 - Water temperature 86 degrees
 - Possibility to add adjacent therapy pool or warm-water spa
 - Pool could serve for warm-up / cool down during competitive events



PREFERRED AQUATIC COMPONENTS

- **Recreational Amenities**
 - Multi-purpose swimming pool to include amenities for wellness, programs and leisure swim
 - Shallow water or zero-beach entry
 - Features tailored to attract recreational swimmers, including:
 - Waterslide
 - Children's area
 - Water basketball
 - Water sprays
 - Possible adjacent multi-purpose classroom to be used for birthday parties



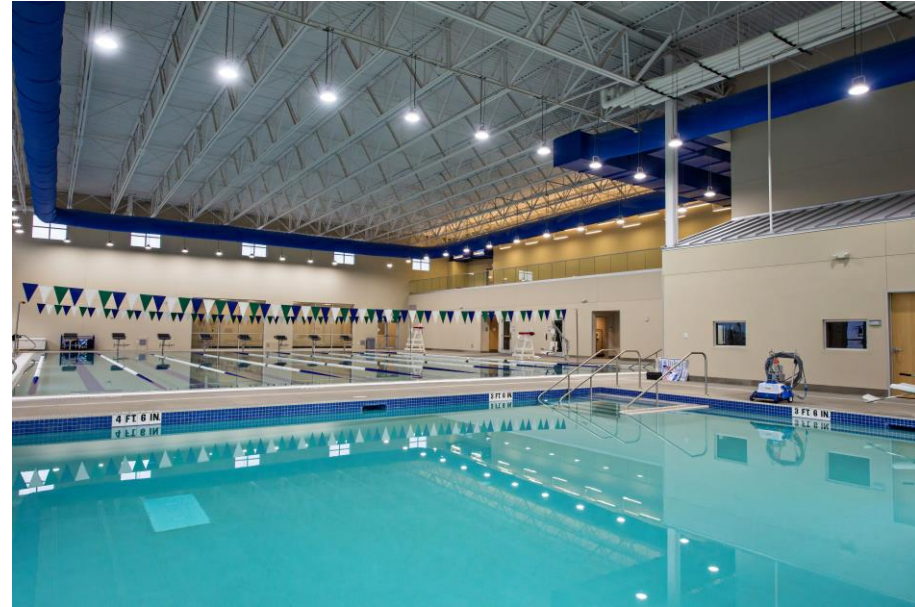
PREFERRED AQUATIC COMPONENTS

- **Single Body of Water (Option 1)**
 - Allows for more efficient operations
 - Single pool mechanical system
 - Staffing considerations
 - Smaller overall facility
 - Allows for competitive, instructional, and wellness opportunities within the same body of water
 - Inability to have two different water temperatures



PREFERRED AQUATIC COMPONENTS

- **Two, Separate Bodies of Water (Options 2-3)**
 - Allows for cooler and warmer water temperatures for the different aquatic user groups
 - Competitive – 82 degrees
 - Wellness / Lessons – 86 degrees
 - Pools placed adjacent to each other
 - Possibility to separate with a glass wall or partition



OPTIONS FOR CONSIDERATION





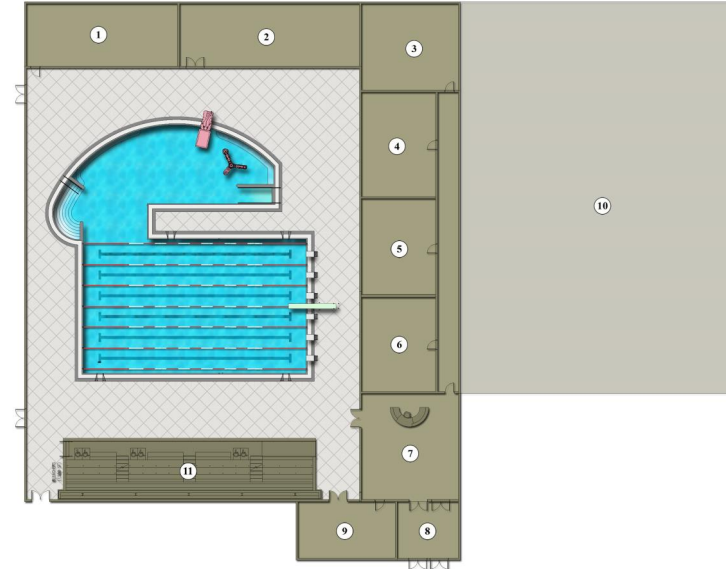
RECREATION, COMPETITION, INSTRUCTION, WELLNESS

OPTION 1

- 5,400 SF combined competition and leisure pool
 - 6, 25-yard lap lanes
 - 1-meter diving board
 - Zero-beach entry with children's play features
 - Grand staircase for staging children's swim lessons
 - Shallow water for water fitness classes and water walking
 - Depths from 0 to 12 feet
- Support spaces include on-deck spectator seating (200), meeting room, office space, locker rooms, mechanical and storage room

LEGEND

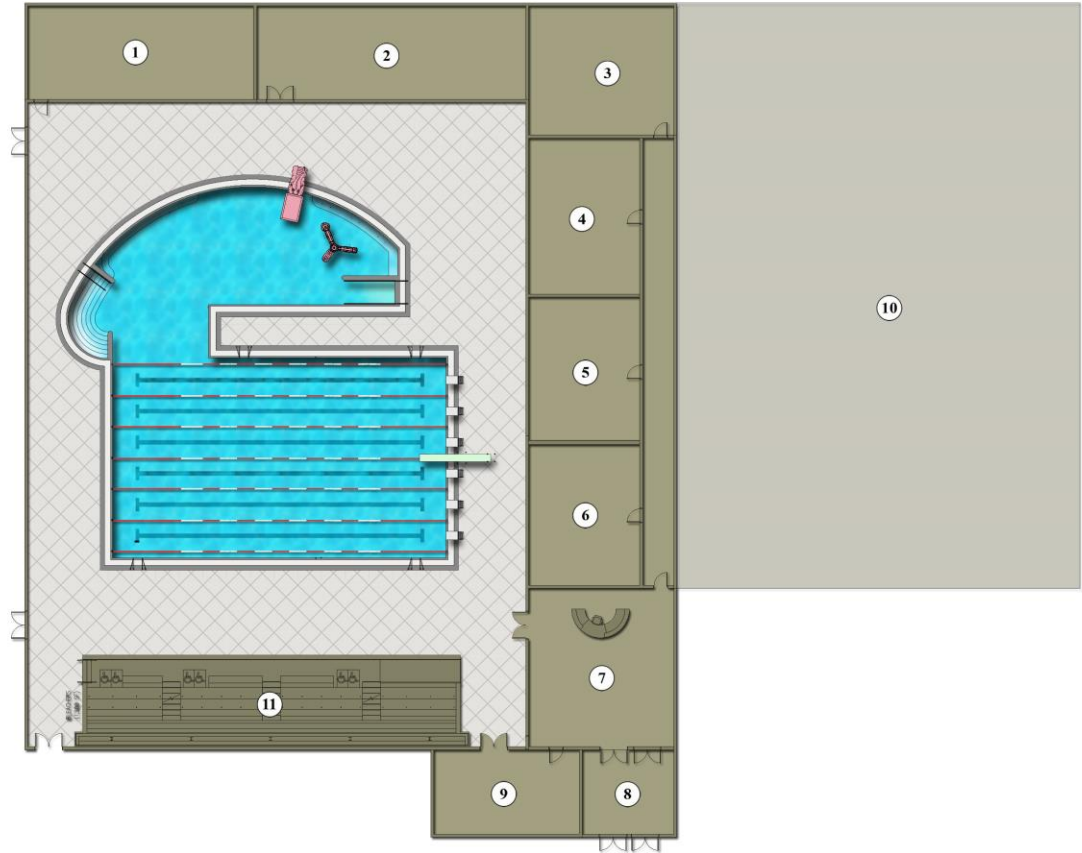
- 1 - Pool Storage
- 2 - Pool Mechanical
- 3 - Building Mechanical
- 4 - Women's Locker Room
- 5 - Men's Locker Room
- 6 - Family Changing Rooms
- 7 - Lobby
- 8 - Vestibule
- 9 - Office Space
- 10 - Expansion
- 11 - Spectator Seating



OPTION 1

LEGEND

- 1 - Pool Storage
- 2 - Pool Mechanical
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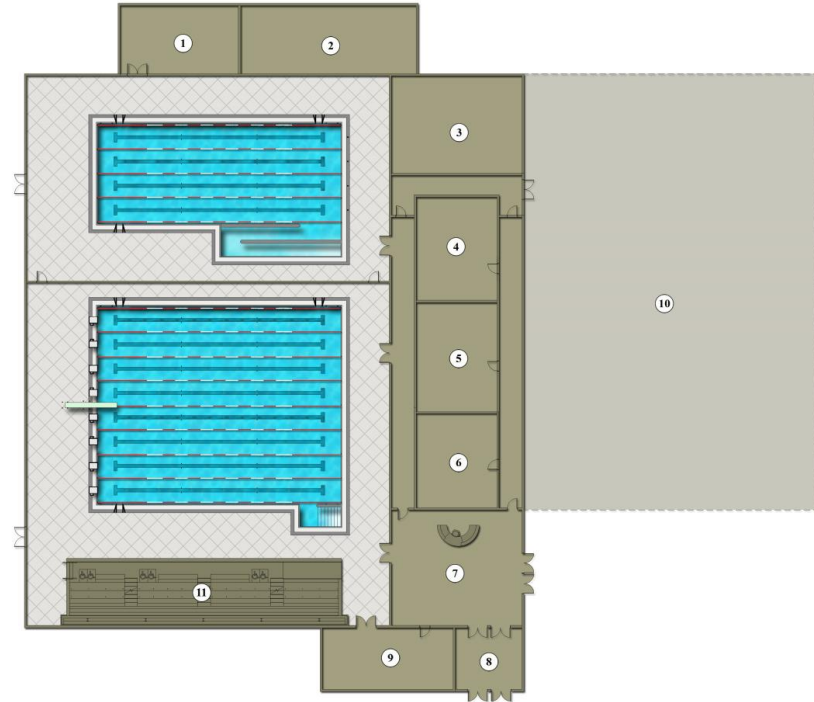
OPTION 1

OPTION 2

- 4,500 SF lap pool
 - 8, 25-yard lap lanes
 - 1-meter diving board
 - Depths from 4 to 12 feet
- 2,400 SF programming pool
 - 4, 25-yard lap lanes
 - Shallow water for water fitness classes, swim lessons and water walking
 - Constant depth of 4 feet
- Support spaces include on-deck spectator seating (200), meeting room, office space, locker rooms, mechanical and storage room

LEGEND

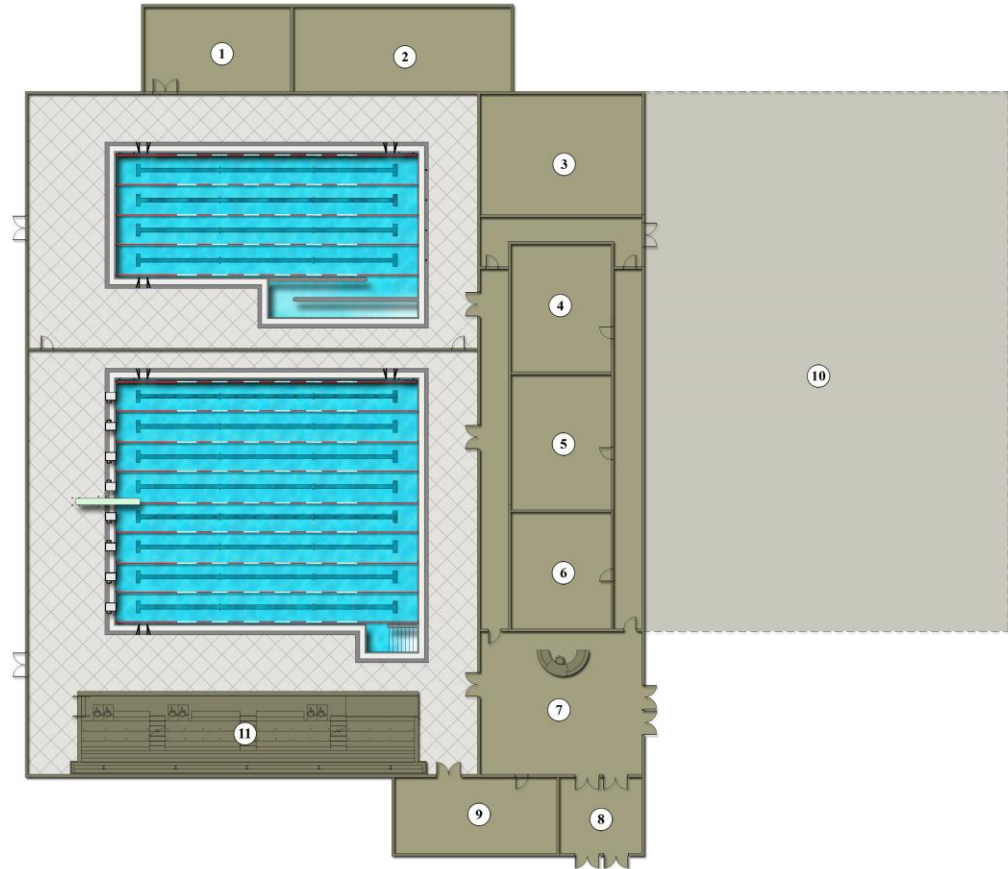
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OPTION 2

LEGEND

- 1 - Pool Storage
- 2 - Pool Mechanical
- 3 - Building Mechanical
- 4 - Women's Locker Room
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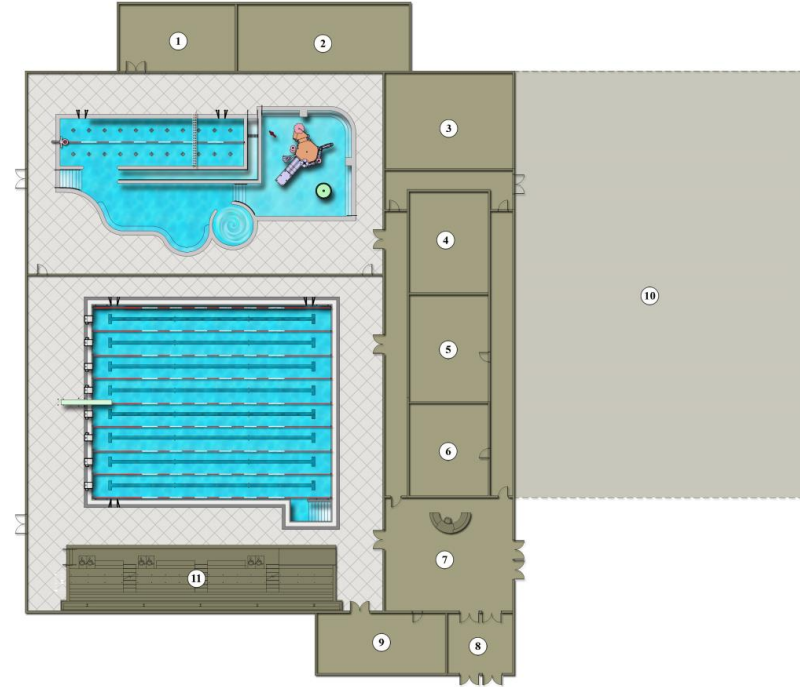
OPTION 2

OPTION 3

- 4,500 SF lap pool
 - 8, 25-yard lap lanes
 - 1-meter diving board
 - Depths from 4 to 12 feet
- 3,800 SF leisure / programming pool
 - 2, 20-yard lap lanes
 - Shallow water for water fitness classes, swim lessons and water walking
 - Children's play structure and zero-beach entry
 - Water vortex
 - Depths from 0 to 4 feet
- Support spaces include on-deck spectator seating (200), meeting room, office space, locker rooms, mechanical and storage room

LEGEND

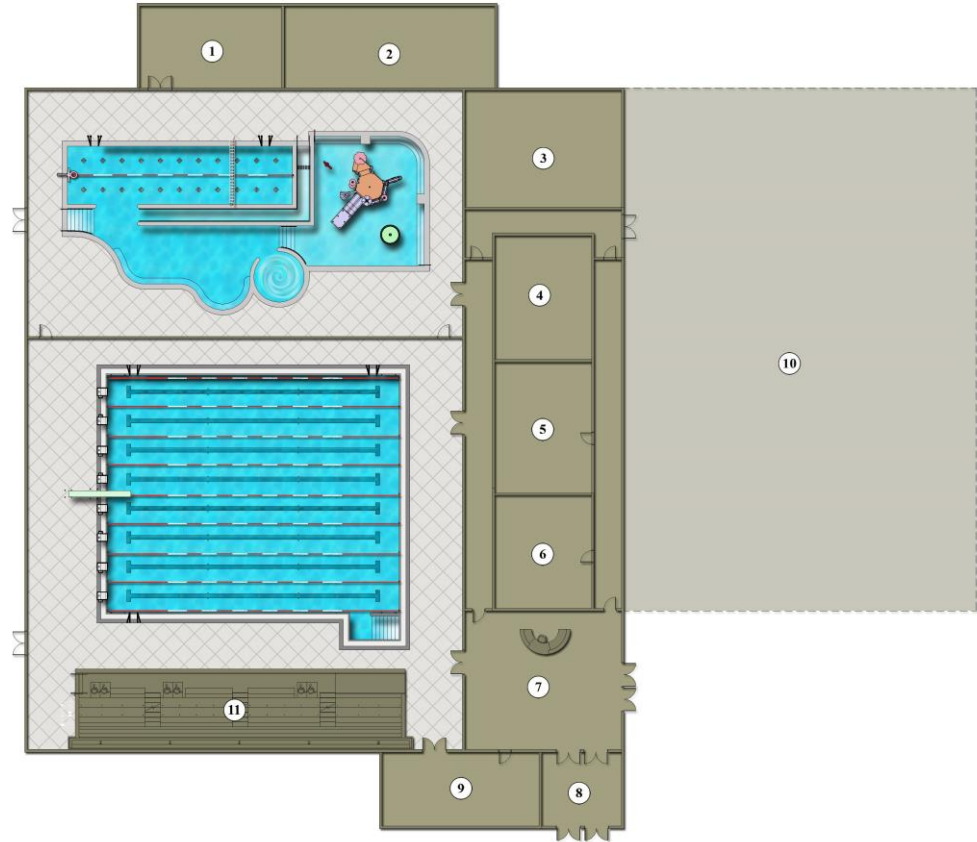
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OPTION 3

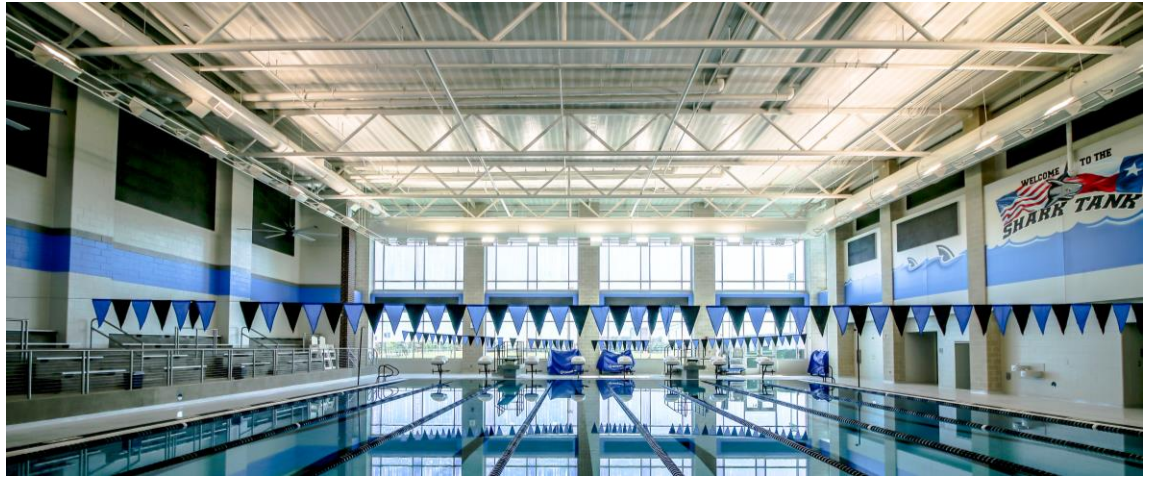
LEGEND

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OPTION 3



SUPPORT SPACES

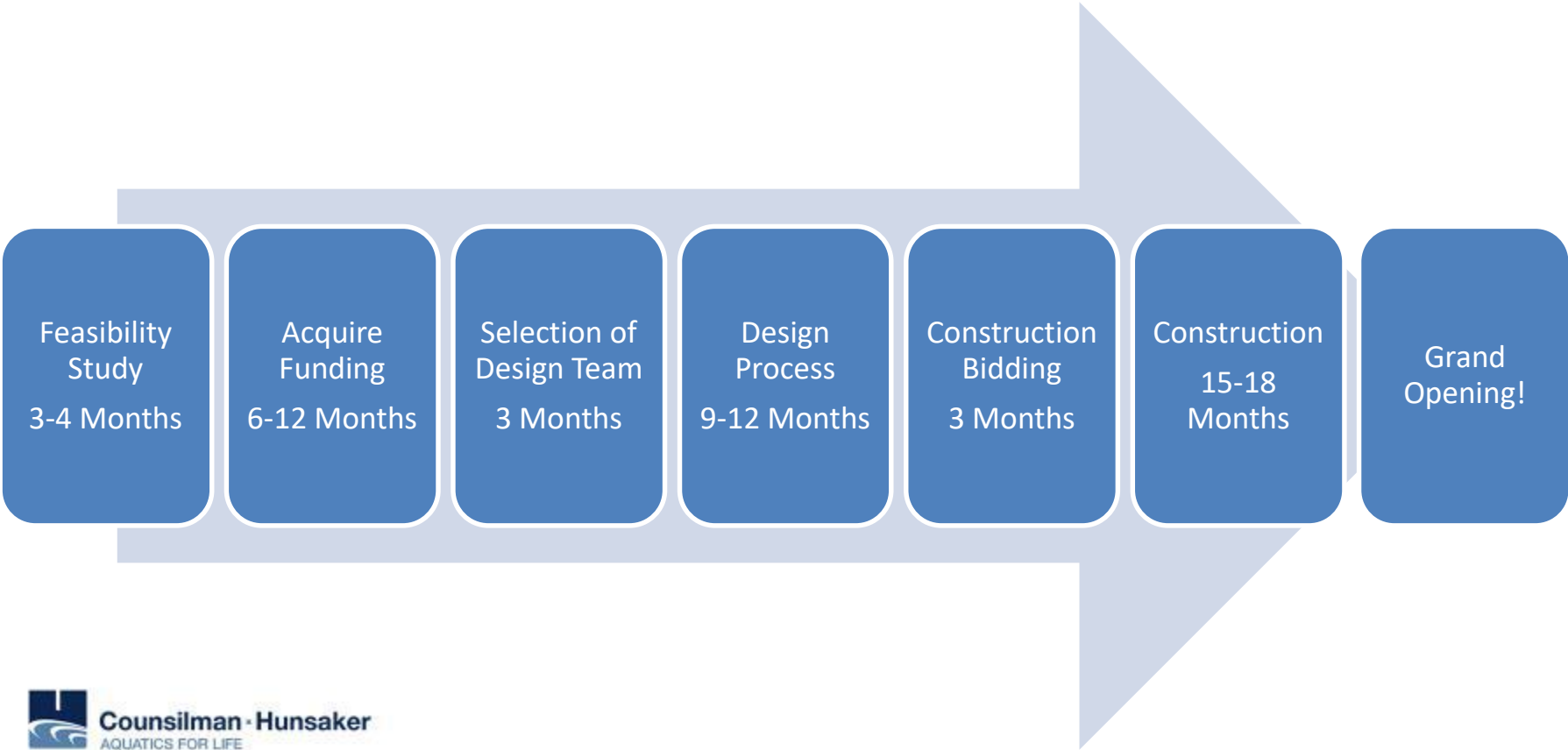
OTHER POSSIBLE RECREATIONAL SPACES

- Fitness
- Gymnastics
- Basketball
- Child care
- Teen center



QUESTIONS / COMMENTS / DISCUSSION

EXAMPLE PROJECT TIMELINE





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