

An aerial photograph of a park area, likely Shaw Park, showing a large grassy field, a basketball court, and a swimming pool. The pool is a large, rectangular, light-colored structure with a curved edge. To the right of the pool is a smaller, circular structure. The background shows a residential area with houses and trees. The text "Beaver Pool and Shaw Park Revitalization Project" is overlaid in the center of the image.

Beaver Pool and Shaw Park Revitalization Project

**Public Presentation
Jan 2021**

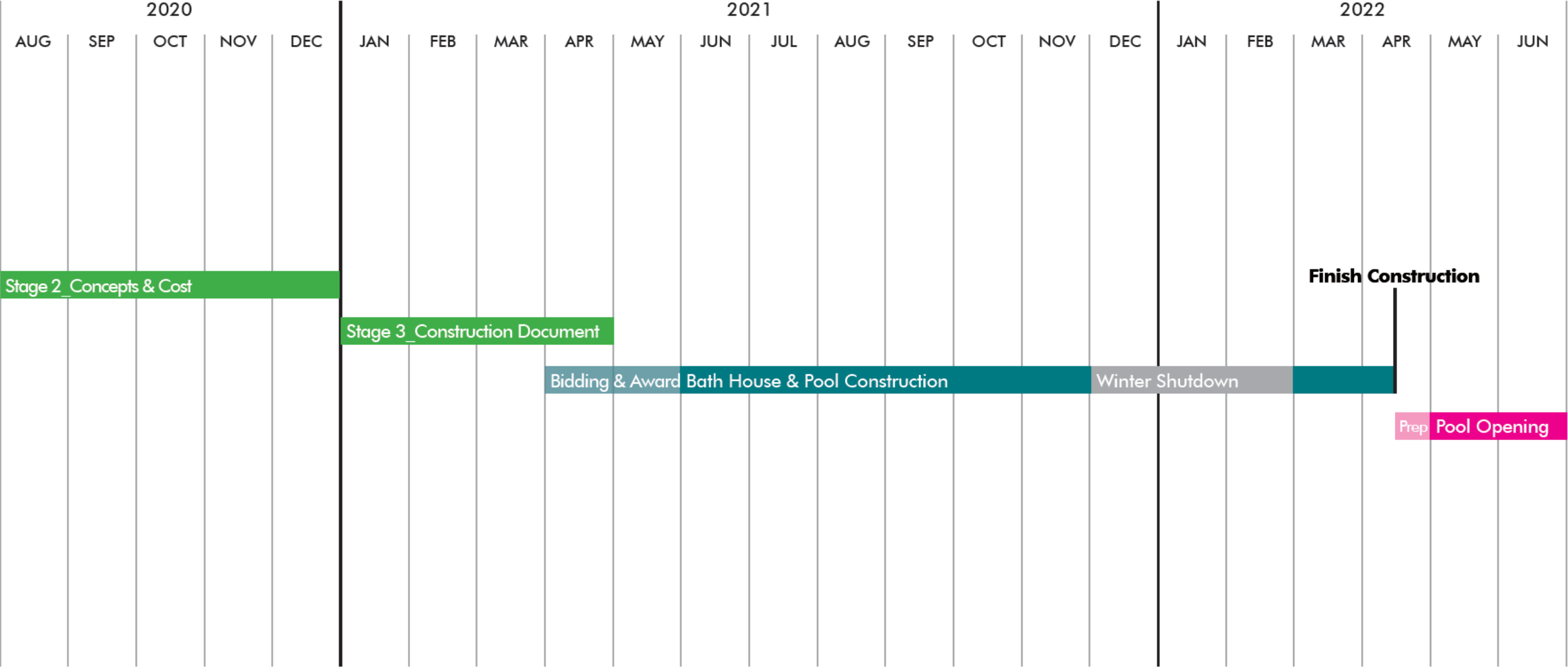
AGENDA

- 01 Introduction**
- 02 Shaw Park Design Schemes**
- 03 Beaver Pool Design Schemes**
- 04 Cost Projection and Schedule**
- 05 Next Steps**

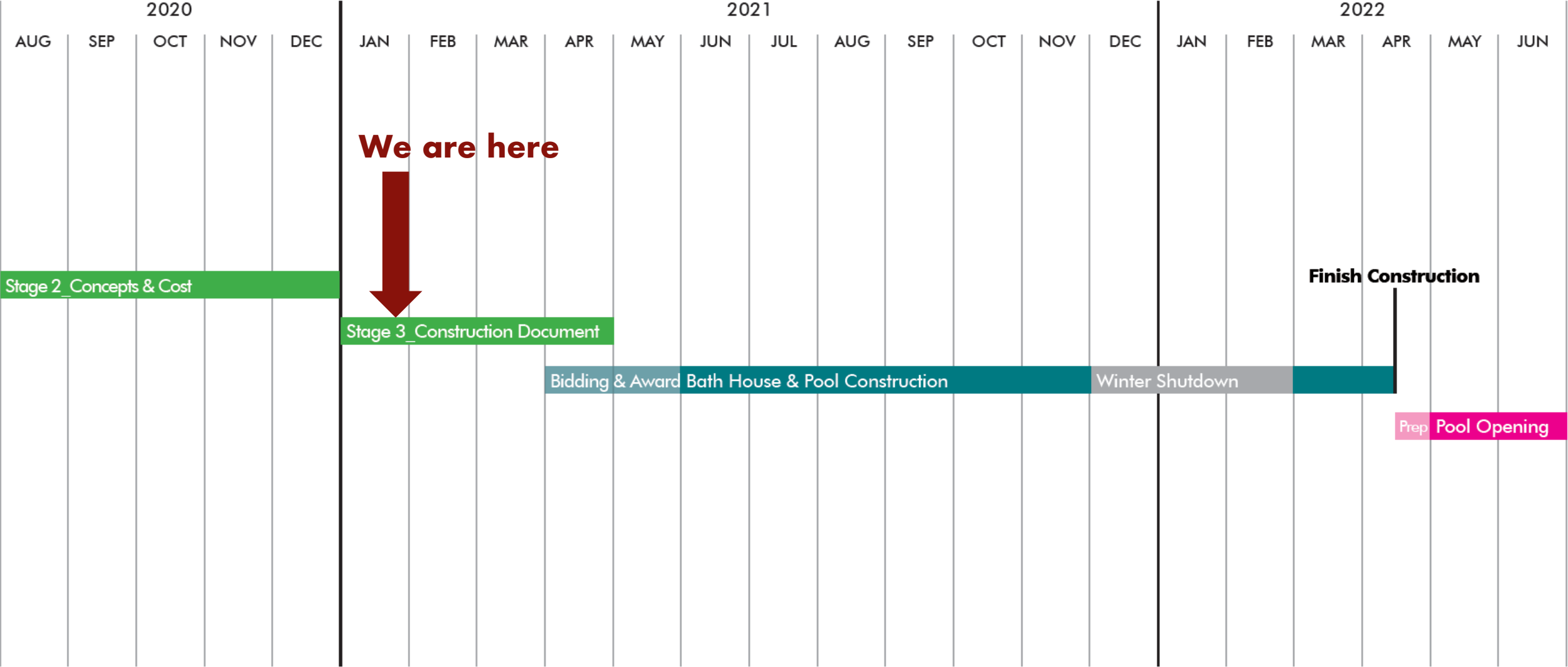
01 Introduction



Original Project Schedule



Original Project Schedule



Background of the Project

- 1933: Borough pool originally constructed and opened.
- 2010-2011: The first facility conditions assessment and feasibility study was done.
- 2011: An updated pool plan was developed as part of the 2010-2011 feasibility study. The cost projection for the pool back then was \$1,384,000.
- 2020: In the early spring, an on-site pool condition re-assessment was done. The pool condition was considered too degraded to be reopened for the season. The pool was closed in 2020 because of its structural integrity.
- 2020: Late summer, community survey, with 812 completed replies, 72% used the Pool in the past 3 years, and 78% chose the Pool as the most appealing feature in the park.

Current Condition

1. Pool condition

- a. Lost structural integrity; fissures and soft/porous concrete
- b. Years of patch on top of patch



2. Bathhouse condition

- a. Foundation cracks
- b. Not compliant with current accessibility requirement and building code
- c. Dated interior finish and other floor plan inefficiency



3. Site condition

- a. Drop-off issue
- b. Limited parking space
- c. Lacking accessible access



Current Condition

Main pool base water leak issue

With a surface area of 11,600 sqft., the pool holds 350,000 gal. of water. During operating season, a normal daily replenishment of water should be around **2,000 gal.** per day to compensate for water loss due to evaporation and splash. For the past decade, the pool needs to add **12,000 gal.** per day due to leaking, which was at least **10,000 gal.** per day of water loss through the basin.



02 Shaw Park Design Schemes



Public Survey

812 people took the Community Recreation Survey over a 21-day period. 60% of the respondents are from the Borough (489); 34% are from the School District (277); and 6% are from outside the School District (46).

Shaw Park

In ranking the ideal improvement in the park, the top 6 (in order of priority) are:

- **Improved playground**
- **Outdoor fireplace**
- **Casual seating**
- **Rentable event space**
- **Gathering area**
- **Outdoor fireplace**

Borough Pool

In ranking the most desirable new features in the pool, the top 6 (in order of priority) are:

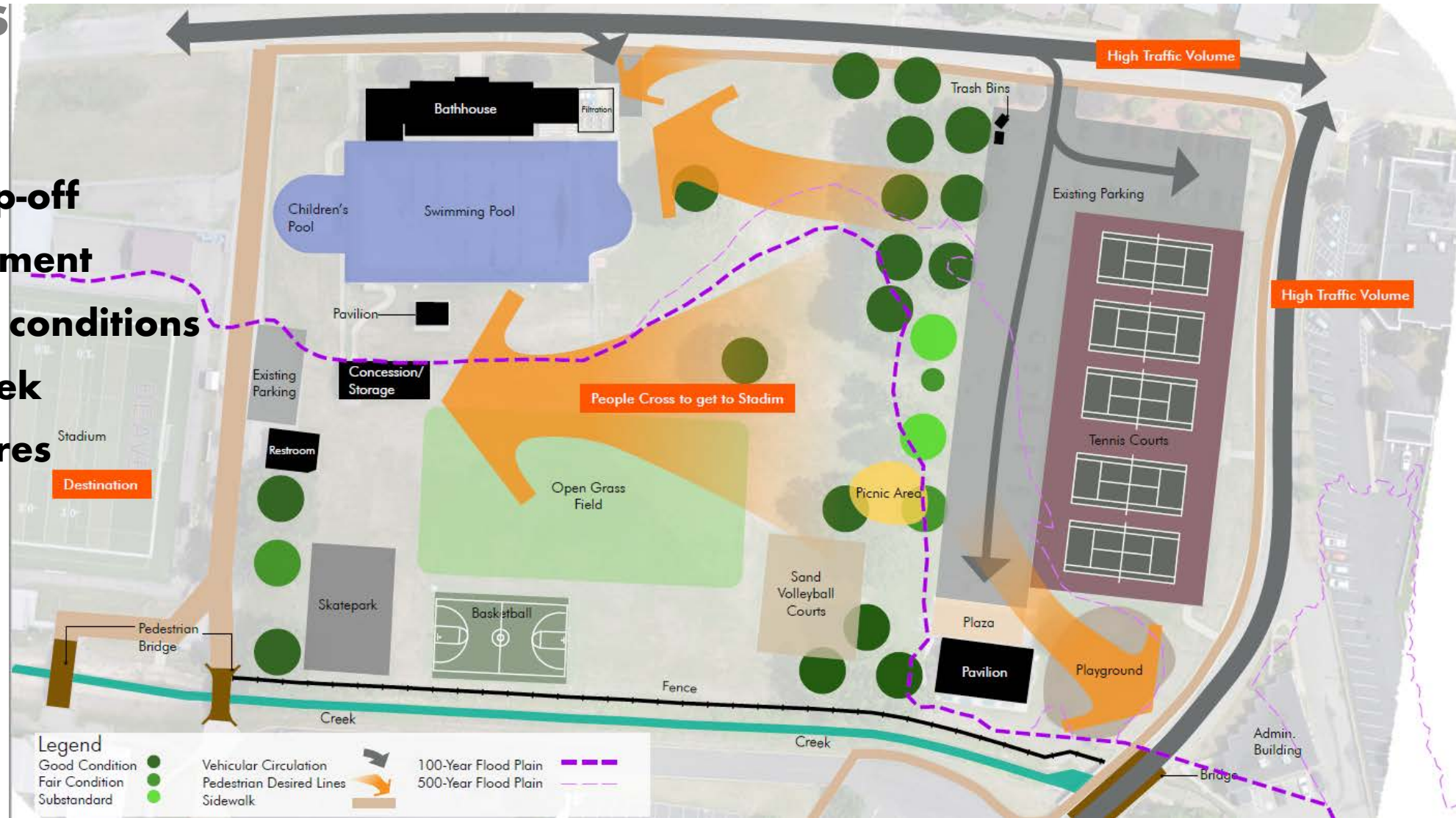
- **Shaded area**
- **Wading pool**
- **Spray pad**
- **Beach/zero entry**
- **Lawn area**
- **A larger water slide**

Other Key Issues

- **Additional parking spaces**
- **Safe drop-off area**
- **Historical preservation**

Site Analysis

- Flood plain
- Parking and drop-off
- Pedestrian movement
- Tree canopy and conditions
- Breezewood Creek
- Historical structures
 - Pavilion
 - Bath house
 - Bridge





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SHAW PARK AND BOROUGH POOL REVITALIZATION PROJECT

SCHEME 1 - Refresh

BEAVER BOROUGH



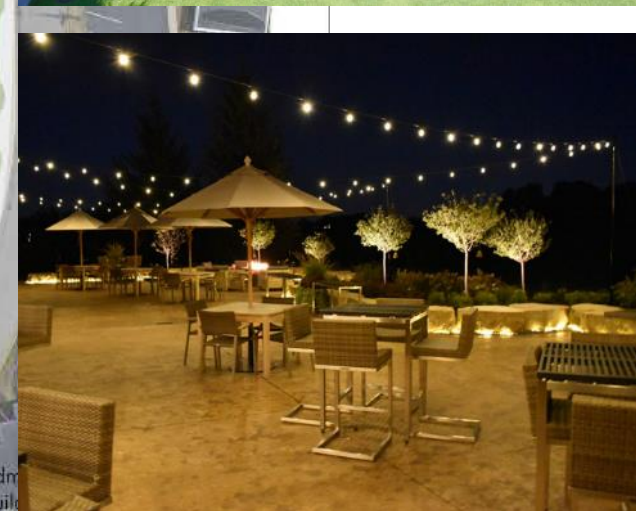
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SCHEME 2 - Rebuild but Respect

BEAVER BOROUGH
SHAW PARK AND BOROUGH POOL REVITALIZATION PROJECT





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SCHEME 3 - Rebuild, Rejuvenate and Reimagine



NORTH

BEAVER BOROUGH

SHAW PARK AND BOROUGH POOL REVITALIZATION PROJECT

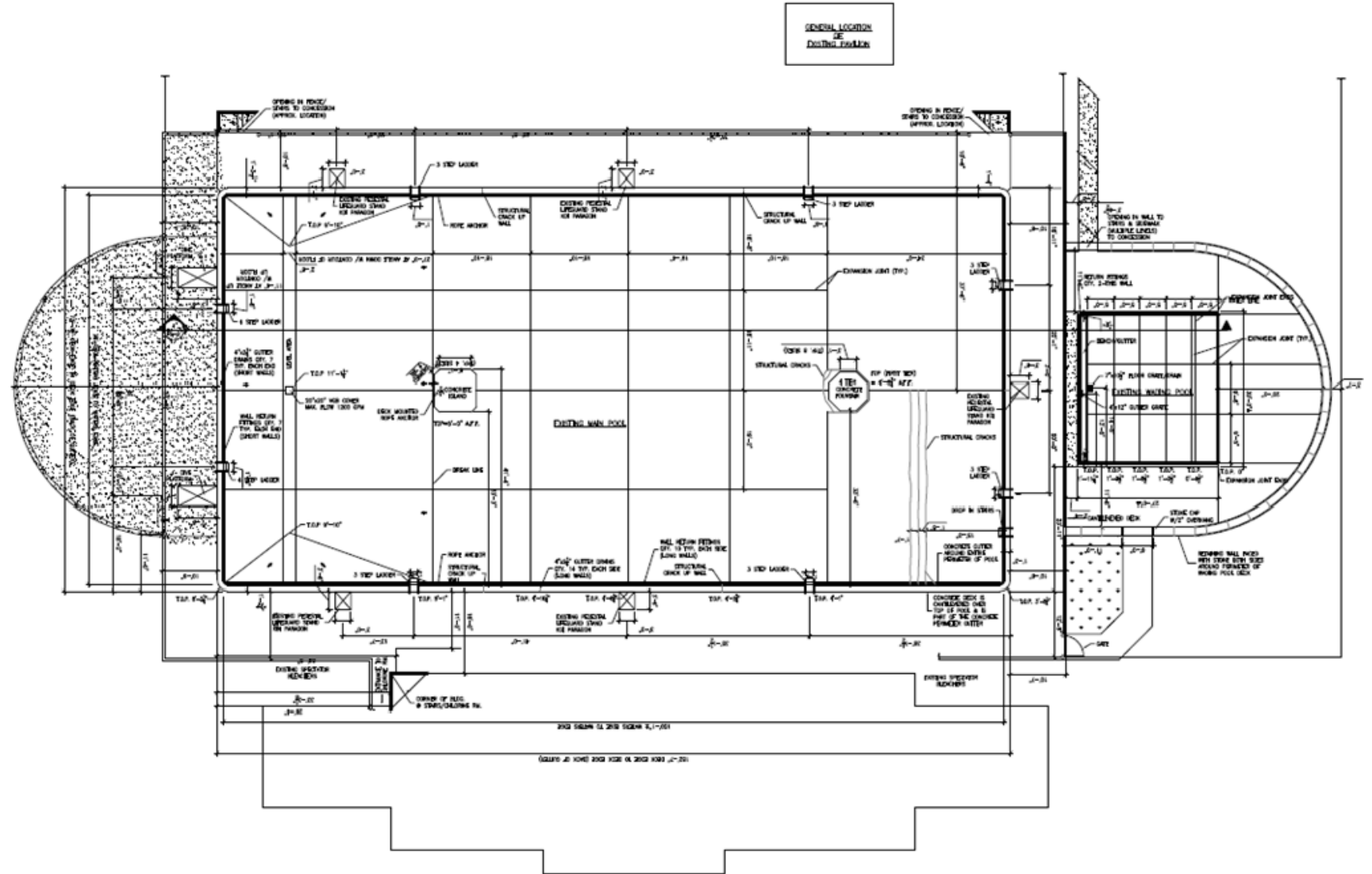
03 Beaver Pool Design Schemes



EXISTING FACILITY

**USER LOADS: 670 MAIN, 63 WADING
733 TOTAL USERS**

**CURRENT
LIFEGUARD
REQUIREMENT: 10**



INSPIRATION – PARK THEME WITH BOLD COLOR



CONCEPT 1 – FEATURES

MAIN POOL

- LARGE TILED ZERO ENTRY
- ADA ACCESSIBILITY TO DEEPER WATER
- THEMED MID LEVEL SPRAY SUITED FOR OLDER CHILDREN/TWEENS
- IN WATER SEATING WITH SHADED AREAS
- PENINSULA SEPARATES PLAY AREA FROM LANES
- THEMED FLOATABLES & BASKETBALL HOOP
- SIX COMPETITION SWIM LANES
- SINGLE FLUME SLIDE
- AQUACLIMB & DIVING INTO THE DEEP WELL AREA

WADING POOL

- LARGE TILED ZERO ENTRY
- THEMED MINI FEATURES & SLIDE FOR YOUNGER CHILDREN
- IN WATER SEATING WITH SHADED AREAS
- 6' FAMILY SLIDE
- DECK FENCING BETWEEN WADING AND DEEPER WATER

SPLASH PAD

- ADJACENT TO WADING POOL FOR YOUNGER CHILDREN USE
- VARIOUS HEIGHT SPRAYS AND TEXTURES

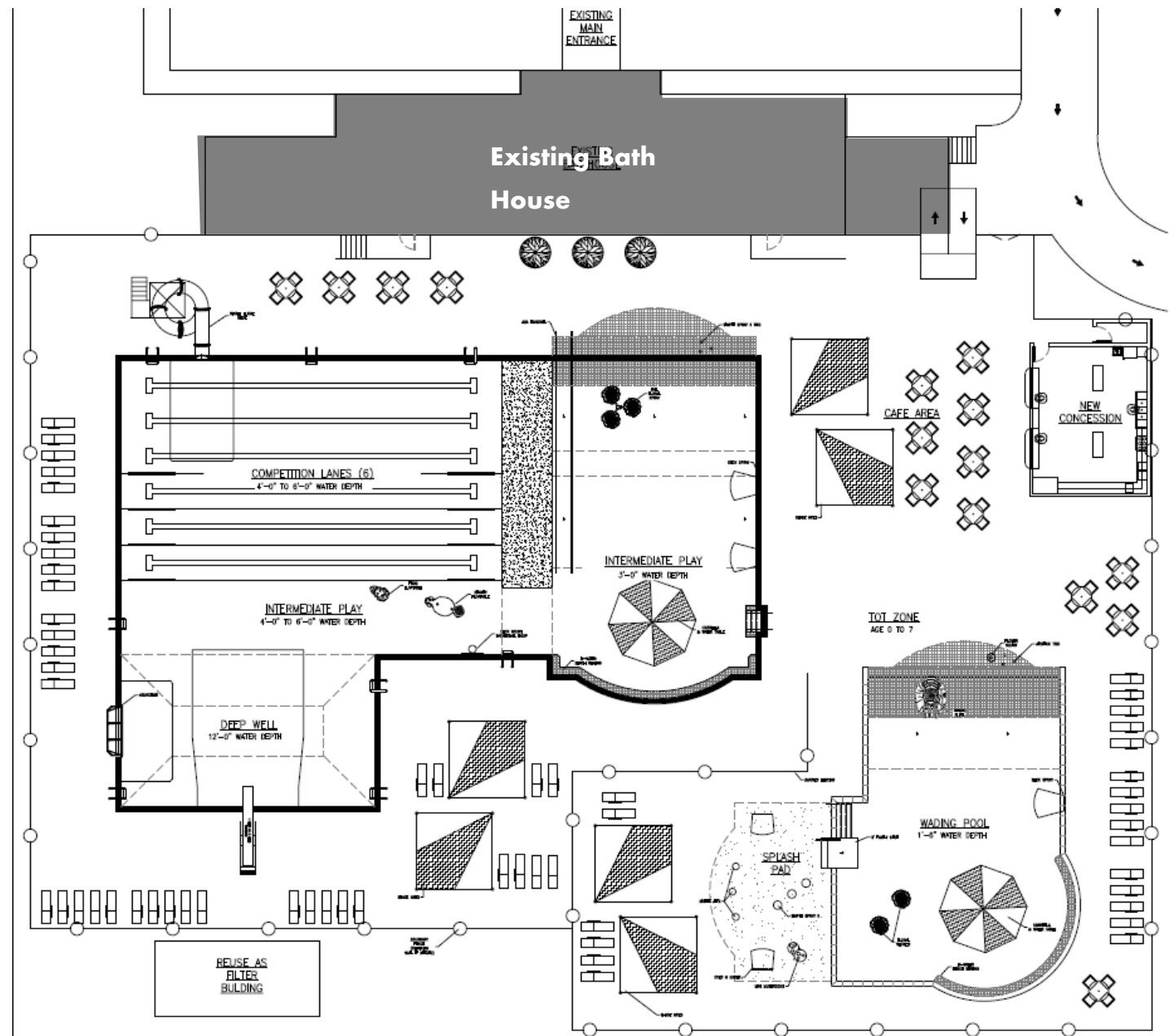
SITE CONSIDERATIONS

- EXISTING BATHHOUSE OFFERS ADA ADDITION & ENTRY
- NEW CONCESSIONS CLOSER TO BATHHOUSE
- LARGE SUNSHADE STRUCTURES THROUGHOUT
- REUSE OLD CONCESSIONS AS FILTER BUILDING

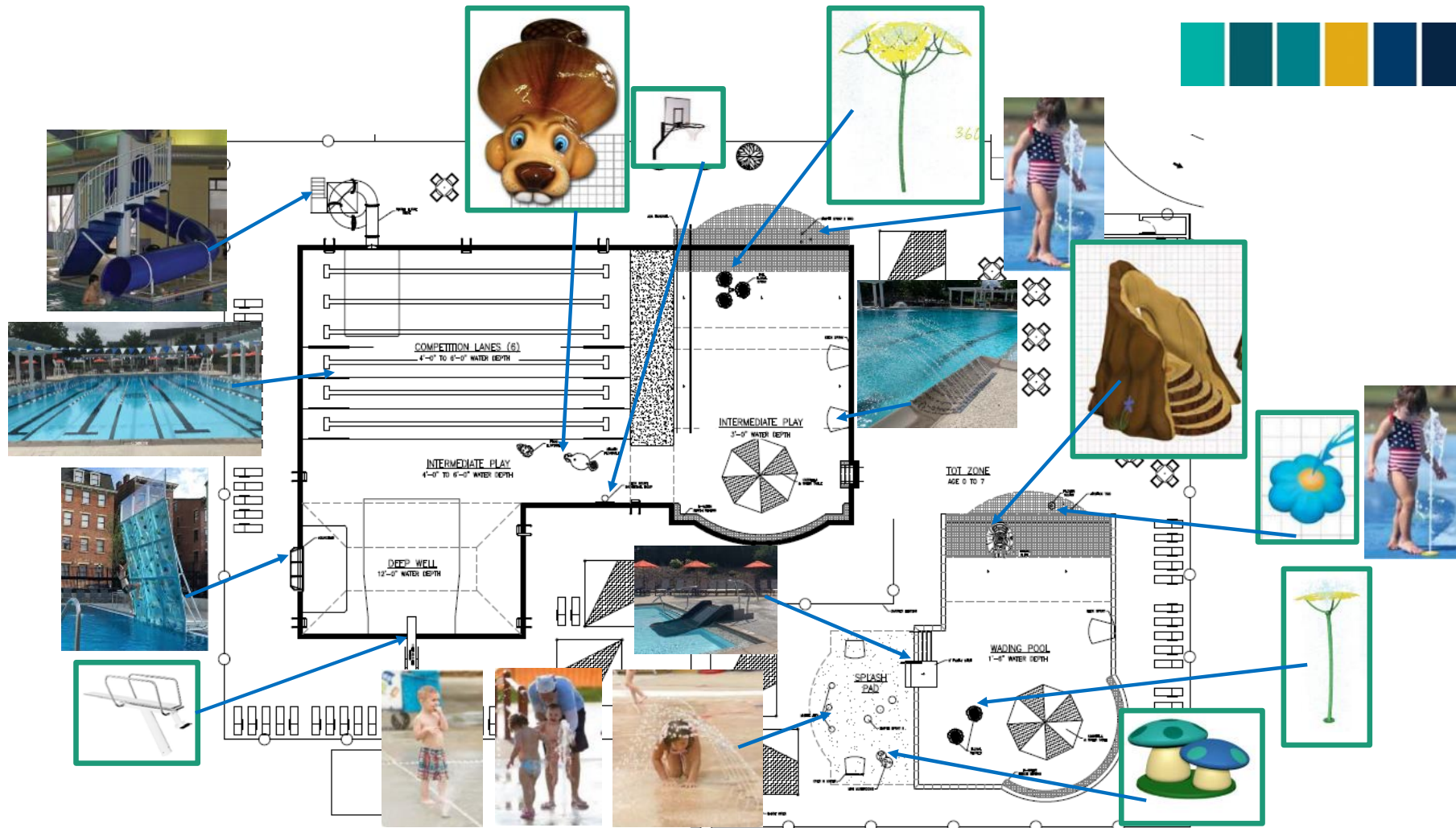
USER LOADS:

636 MAIN, 214 WADING, 66 SPLASH PAD
916 TOTAL USERS

LIFEGUARD REQUIREMENT: 9



CONCEPT 1 – FEATURES



CONCEPT 2 – FEATURES

MAIN POOL

- LARGE TILED ZERO ENTRY
- ADA ACCESSIBILITY TO DEEPER WATER
- THEMED MID LEVEL SPRAY SUITED FOR OLDER CHILDREN/TWEENS
- PENINSULA SEPARATES PLAY AREA FROM LANES
- THEMED FLOATABLES & BASKETBALL HOOP
- SIX COMPETITION SWIM LANES
- SINGLE FLUME SLIDE
- AQUACLIMB & DIVING INTO THE DEEP WELL AREA

WADING POOL

- TILED ZERO ENTRY
- THEMED MINI FEATURES & SLIDE FOR YOUNGER CHILDREN
- IN WATER SEATING WITH SHADED AREAS
- 6' FAMILY SLIDE
- DECK FENCING BETWEEN WADING AND DEEPER WATER

SPLASH PAD

- VARIOUS HEIGHT SPRAYS AND TEXTURES
- FOR AGE 0 THRU 10

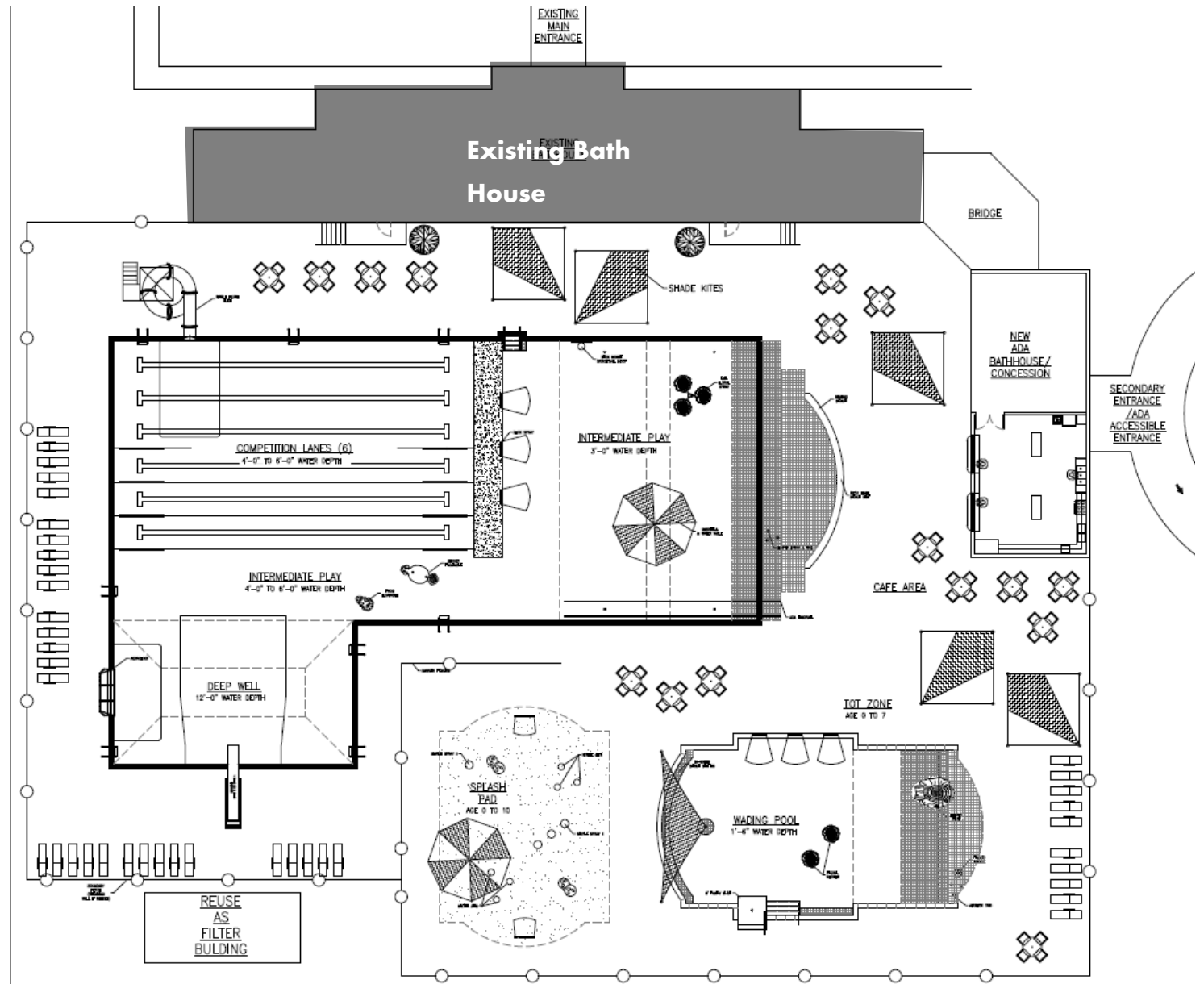
SITE CONSIDERATIONS

- ADDITIONAL ADA ENTRY & ACCESSIBLE RESTROOMS
- NEW CONCESSIONS CLOSER TO BATHHOUSE
- LARGE SUNSHADE STRUCTURES THROUGHOUT
- REUSE OLD CONCESSIONS AS FILTER BUILDING

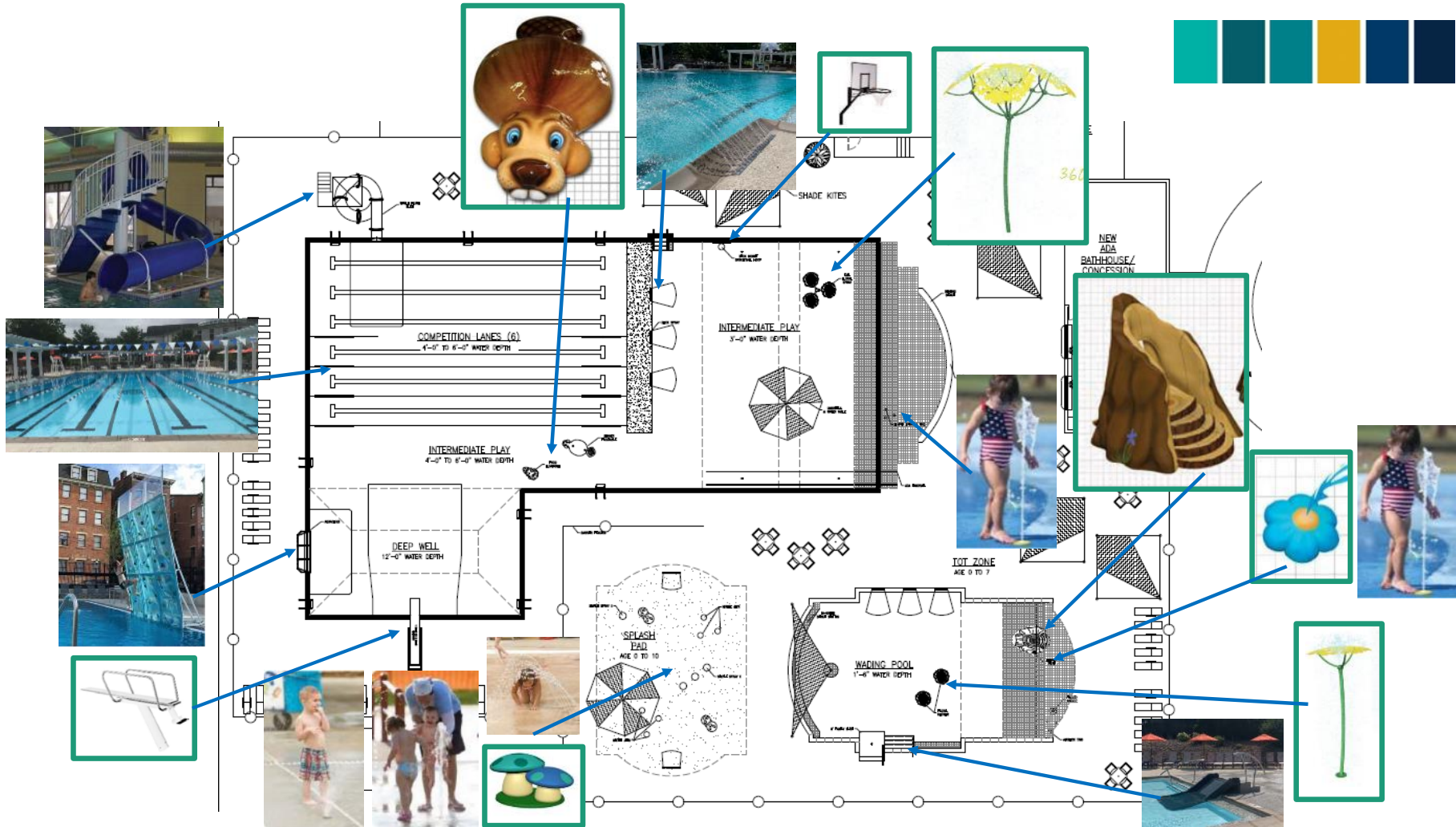
USER LOADS:

671 MAIN, 158 WADING, 133 SPLASH PAD
962 TOTAL USERS

LIFEGUARD REQUIREMENT: 13



CONCEPT 2 – FEATURES



CONCEPT 3 – FEATURES

MAIN & WADING POOL

- LARGE TILED ZERO ENTRY INTO WADING W/ ADA ACCESS TO DEEPER WATER
- THEMED MINI FEATURES & SLIDE IN WADING
- IN WATER SEATING WITH SHADED AREAS
- 6' FAMILY SLIDE
- DECORATIVE BARRIER BETWEEN AREAS
- THEMED MID LEVEL SPRAY SUITED FOR OLDER CHILDREN/TWEENS
- PENINSULA SEPARATES PLAY AREA FROM LANES
- THEMED FLOATABLES & BASKETBALL HOOP
- SIX COMPETITION SWIM LANES
- AQUACLIMB
- SLIDE & DIVING INTO THE DEEP WELL AREA

SPLASH PAD

- VARIOUS HEIGHT SPRAYS AND TEXTURES
- FOR AGE 0 THRU 10 OR A LARGER PAD FOR OLDER KIDS

SITE CONSIDERATIONS

- NEW BATHHOUSE & CONCESSION FACILITY
- LARGE SUNSHADE STRUCTURES THROUGHOUT
- REUSE OLD CONCESSIONS AS FILTER BUILDING

USER LOADS:

951 MAIN, 112 SPLASH PAD
1063 TOTAL USERS

LIFEGUARD REQUIREMENT: 11



CONCEPT 3 – FEATURES

The diagram illustrates the layout of a pool facility with various features and their corresponding photographs and conceptual drawings. The features include:

- DEEP WELL 12'-0" WATER DEPTH**: A rectangular pool area.
- COMPETITION LANES (6) 4'-0" TO 6'-0" WATER DEPTH**: A rectangular pool area with lane lines.
- INTERMEDIATE PLAY 3'-0" WATER DEPTH**: A circular pool area with a central play structure.
- WADING POOL 1'-0" WATER DEPTH**: A rectangular pool area with a central play structure.
- SPASH PAD AGE 0 TO 10**: A circular splash pad area.
- NEW BATHHOUSE & CONCESSIONS**: A building structure on the right side.
- NEW MAIN ENTRANCE**: A circular entrance on the right side.

Surrounding the plan are various images and drawings:

- Photographs**: Images of pool slides, basketball hoops, people swimming, and a splash pad.
- Conceptual Drawings**: A cartoon animal head, a flower, a splash pad, and a pool slide.
- Arrows**: Blue arrows pointing from the images and drawings to the corresponding features on the pool plan.

CONCEPT 4 – FEATURES

MAIN POOL

- LARGE TILED ZERO ENTRY
- ADA ACCESSIBILITY TO DEEPER WATER
- THEMED MID LEVEL SPRAY SUITED FOR OLDER CHILDREN/TWEENS
- PENINSULA SEPARATES PLAY AREA FROM LANES
- THEMED FLOATABLES & BASKETBALL HOOP
- SIX COMPETITION SWIM LANES
- SINGLE FLUME SLIDE
- AQUACLIMB & DIVING INTO THE DEEP WELL AREA

WADING POOL

- TILED ZERO ENTRY
- THEMED MINI FEATURES & SLIDE FOR YOUNGER CHILDREN
- IN WATER SEATING WITH SHADED AREAS
- 6' FAMILY SLIDE
- DECK FENCING BETWEEN WADING AND DEEPER WATER

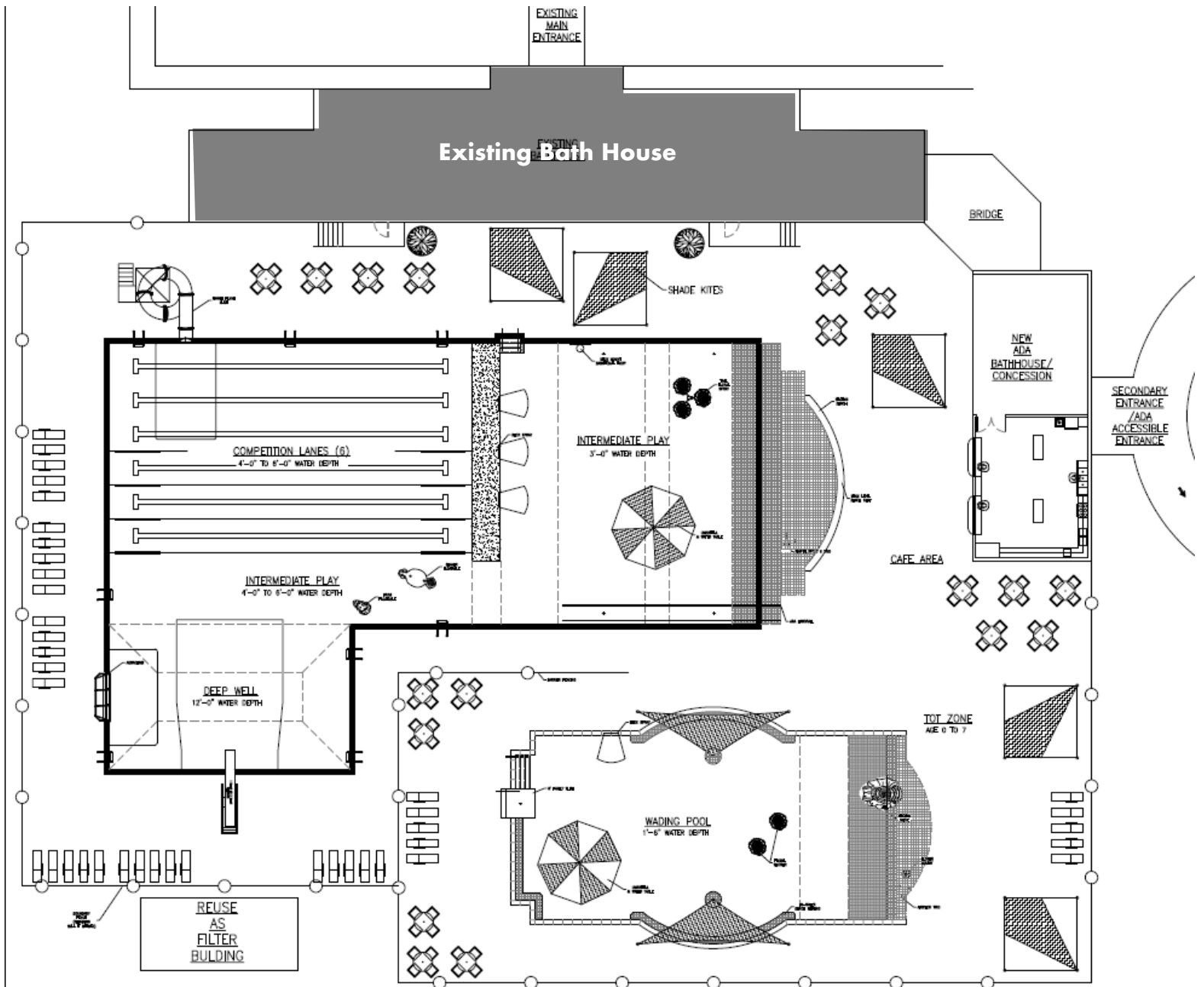
SITE CONSIDERATIONS

- ADDITIONAL ADA ENTRY & ACCESSIBLE RESTROOMS
- NEW CONCESSIONS CLOSER TO BATHHOUSE
- LARGE SUNSHADE STRUCTURES THROUGHOUT
- REUSE OLD CONCESSIONS AS FILTER BUILDING

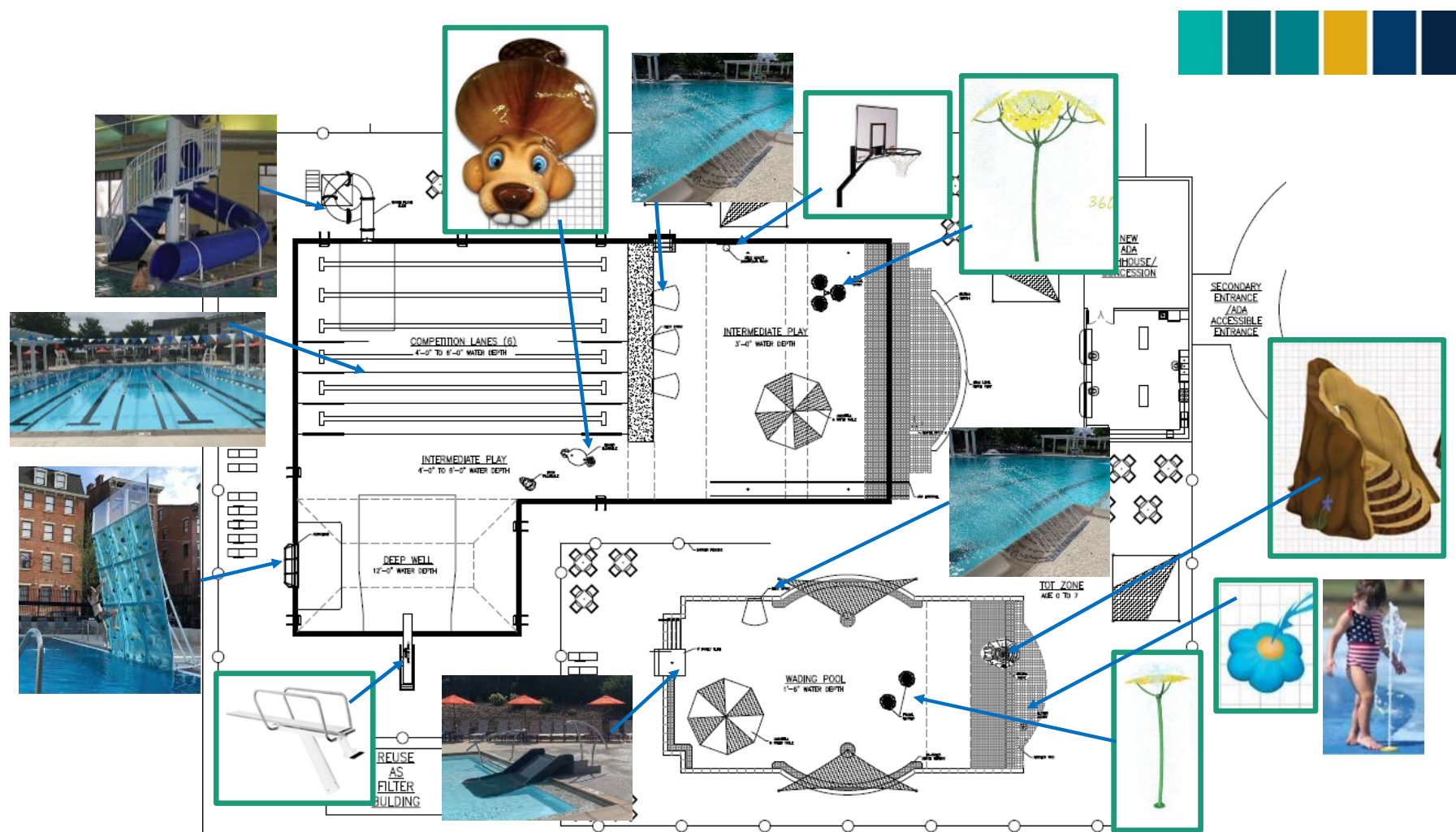
USER LOADS:

672 MAIN, 294 WADING
966 TOTAL USERS

LIFEGUARD REQUIREMENT: 10



CONCEPT 4 – FEATURES



MATERIALS & FINISHES



COLOR PALETTE



ZERO ENTRY TILE



SHADE KITE THRU COMPLEX



EGGSHELL WHITE



CANARY YELLOW

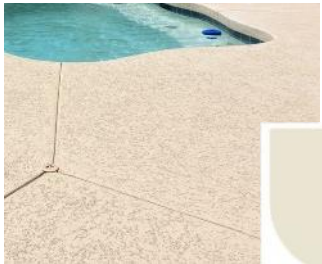


ALPINE WHITE

TWO TONED KITES:
SHADE COLORS : EGGSHELL & CANARY
POST COLOR : ALPINE



STAINLESS STEEL ADA HANDRAILS



DECK TREATMENT



BONE WHITE



STAIR & BENCH TILE



COPING & PERIMETER BOARDER TILE
(IN WADING & ADULT POOLS)

MAIN POOL FEATURES



TALL ANETH BLOOMS(3)



BASKETBALL HOOP



WALL SPRAY



DIVING BOARD



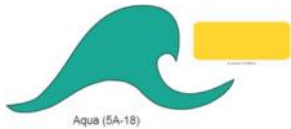
COMPETITION LANES



THEMED FLOATABLES



AQUACLIMB

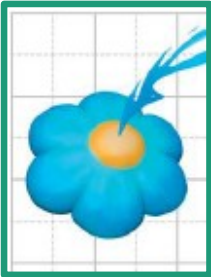


FLUME SLIDE IN
COORDINATING COLORS

WADING POOL & SPLASH PAD FEATURES



COLOR PALETTE



SPRAYS & MINISQUIRTS
AT ZERO ENTRY



THEME SLIDE



WALL SPRAY



TALL ANETH BLOOMSPRAY



VARIOUS SPRAYS IN THE
SPLASH PAD AREA



FAMILY SLIDE IN COORDINATING COLOR



04 Cost Projection and Schedule



Cost Comparison

Park Scheme 1



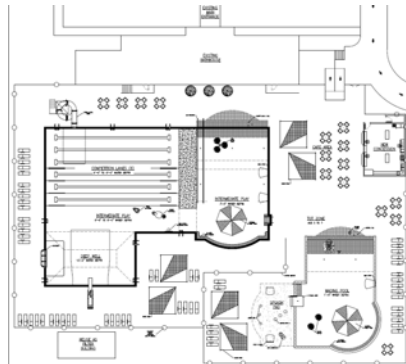
Park Scheme 2



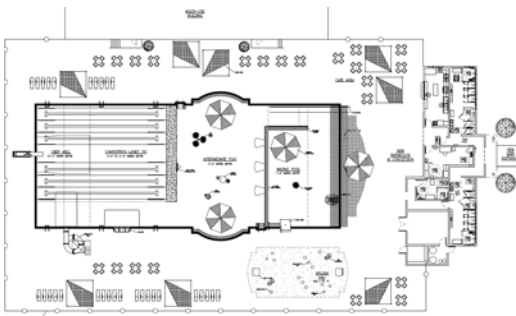
Park Scheme 3



Pool Scheme 1



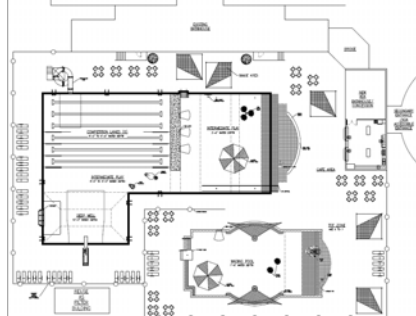
Pool Scheme 3



Pool Scheme 2



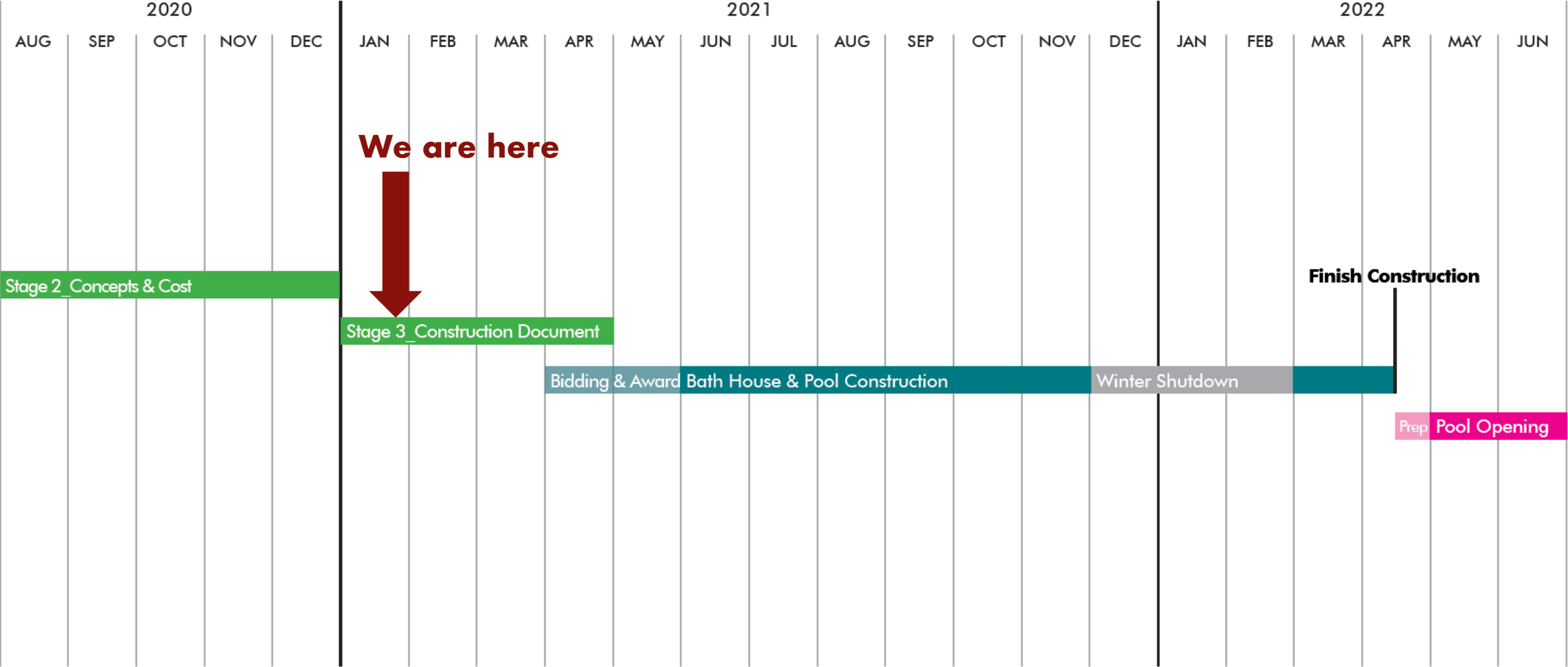
Pool Scheme 4



	Design Improvements	Unit	Scheme 1	Scheme 2	Scheme 3	Scheme 4
A	Sports Courts Improvements		\$40,000	\$25,000	\$95,000	
A1	Sand Volleyball	ea.		\$5,000	\$5,000	
A2	Basketball	ea.			\$40,000	
A3	Pickleball	ea.	\$40,000	\$20,000	\$20,000	
A4	Skate Park	l.s.			\$30,000	
B	Drop-Off/Parking		\$285,000	\$350,000	\$395,000	
B1	New Parking Area	ea.	\$180,000	\$300,000	\$330,000	
B2	Pool Drop-Off	ea.	\$70,000	\$35,000	\$45,000	
B3	Park Drop-off	ea.	\$35,000	\$15,000	\$20,000	
C	Gathering Space and Other		\$239,600	\$231,400	\$322,800	
C1	Multi-Purpose Lawn	s.f.	\$55,000	\$40,000		
C2	Event Lawn with Seat-Steps	s.f.			\$120,000	
C3	The Camp	l.s.	\$35,000			
C4	Creekside Nature Play Area	ea.		\$75,000		
C5	Promenade	l.f.	\$129,600			
C6	Creek Walk	l.f.		\$86,400		
C7	Creek Walk and Promenade	l.f.			\$172,800	
C8	New Landscaping	l.s.	\$20,000	\$30,000	\$30,000	
D	Play Area		\$45,000	\$120,000	\$100,000	
D1	New Play Area	l.s.		\$120,000	\$100,000	
D2	Renovated Play Area	l.s.	\$45,000			
E	Pavilion (3,000 sqft)		\$40,000	\$401,000	\$100,000	
E1	Pavilion Terrace	s.f.		\$81,000	\$60,000	
E2	Renovated Pavilion (Kitchen and dining amenity)	l.s.	\$40,000	\$40,000	\$40,000	
E3	Pavilion Enclosure and HVAC	l.s.		\$280,000		
Park Improvement Totals			\$649,600	\$1,127,400	\$1,012,800	
F	Borough Pool*		\$3,690,000	\$3,750,000	\$4,900,000	
F1	New Pool Areas	l.s.	\$2,700,000	\$3,000,000	\$2,850,000	\$3,000,000
F2	Renovated Bath House (5,500 sqft)	l.s.	\$990,000		\$350,000	
F3	New Bath House	l.s.		\$300,000	\$1,300,000	
F4	New Elevator Building	l.s.		\$250,000		
Subtotal			\$4,339,600	\$4,877,400	\$5,912,800	
Projected Development Cost per S.F			\$13.65	\$15.34	\$18.59	

*Pool Improvement (including all improvements within pool fence)

Original Schedule



05 Next Steps

Please email your questions
and comments to
BeaverBorough@comcast.net
by Friday, February 26, 2021.

