

Roeland Park Aquatic Center Project Update May 6, 2019

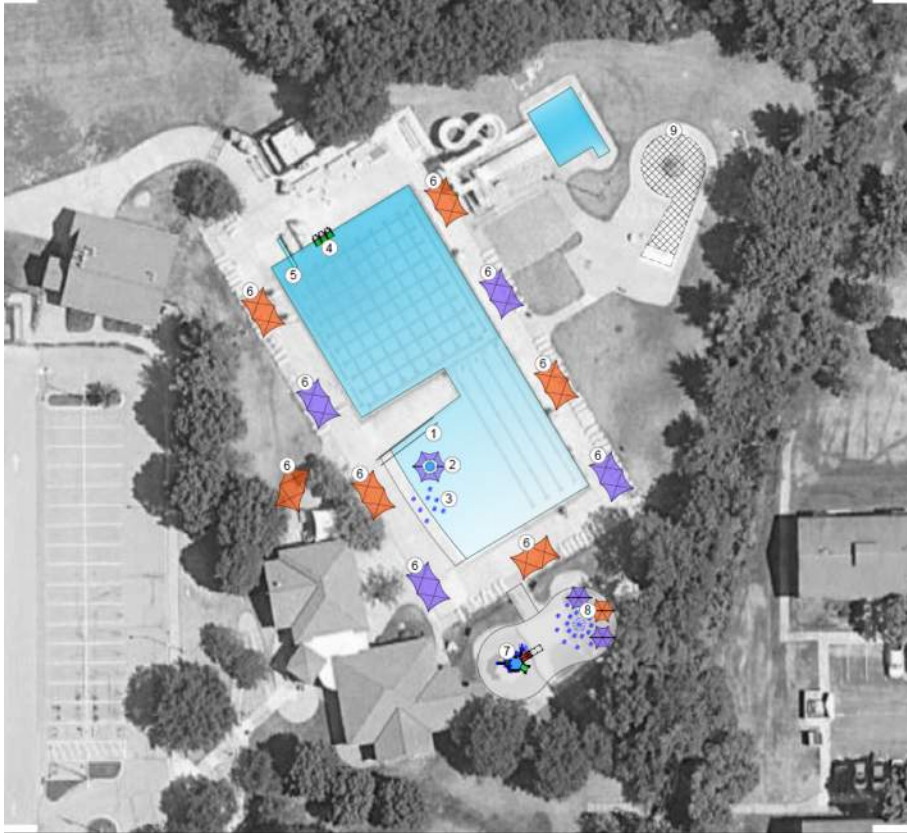


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Layout 1 – Basic Improvements

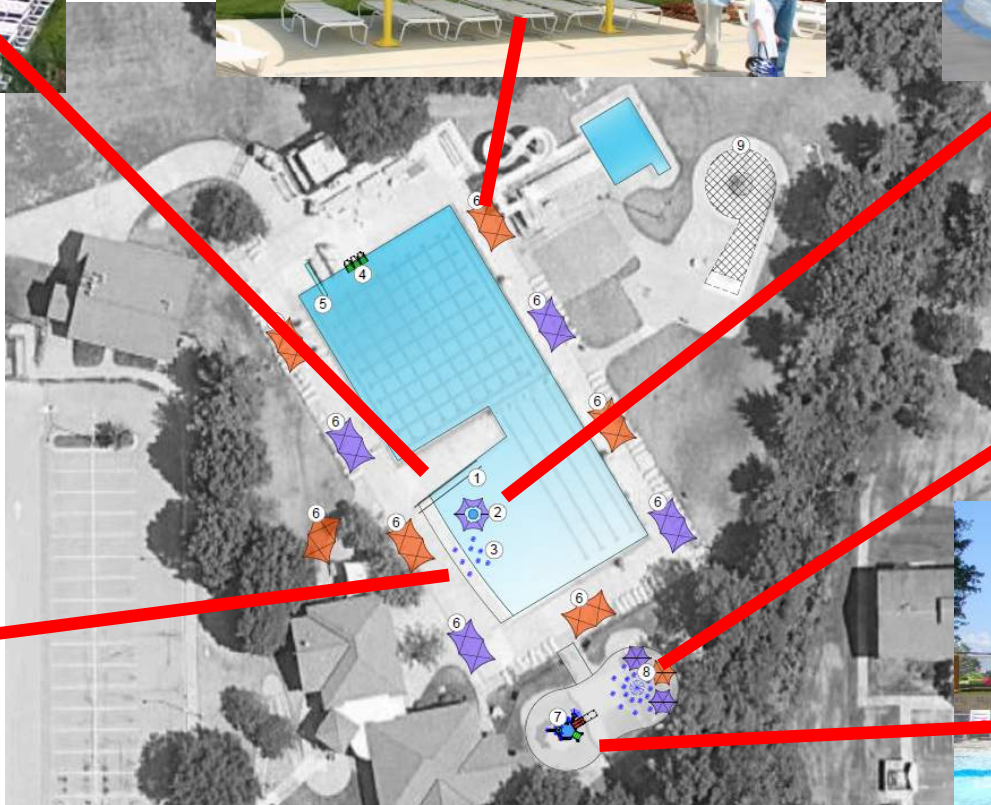


Layout 1 – Basic Improvements

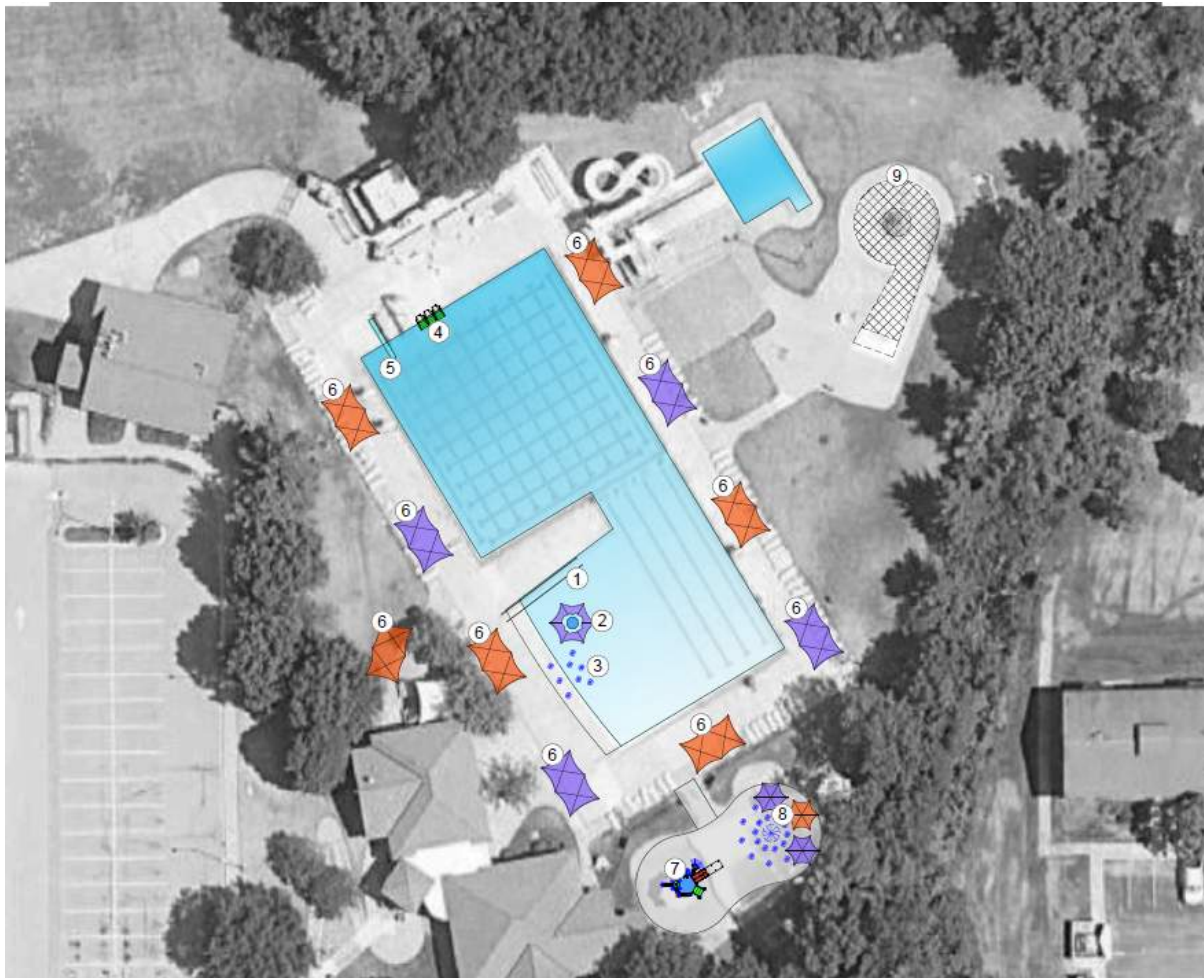


- Demo vortex pool
- Shade structures
- Remove wading pool/sand & replace with wet deck
- Zero-depth sprays, in-water bench & shade, ADA ramp
- ADA chair in deep lap area
- Soften with landscape
- Lighting

Layout 1 – Basic Improvements



Layout 1 – Basic Improvements



Pool Size: 11,966 s.f.

- Main pool + plunge pool
- Wet deck and sidewalk (not included above) – 2,189 s.f.

Est. Project Cost: \$1.35M

Phasing:

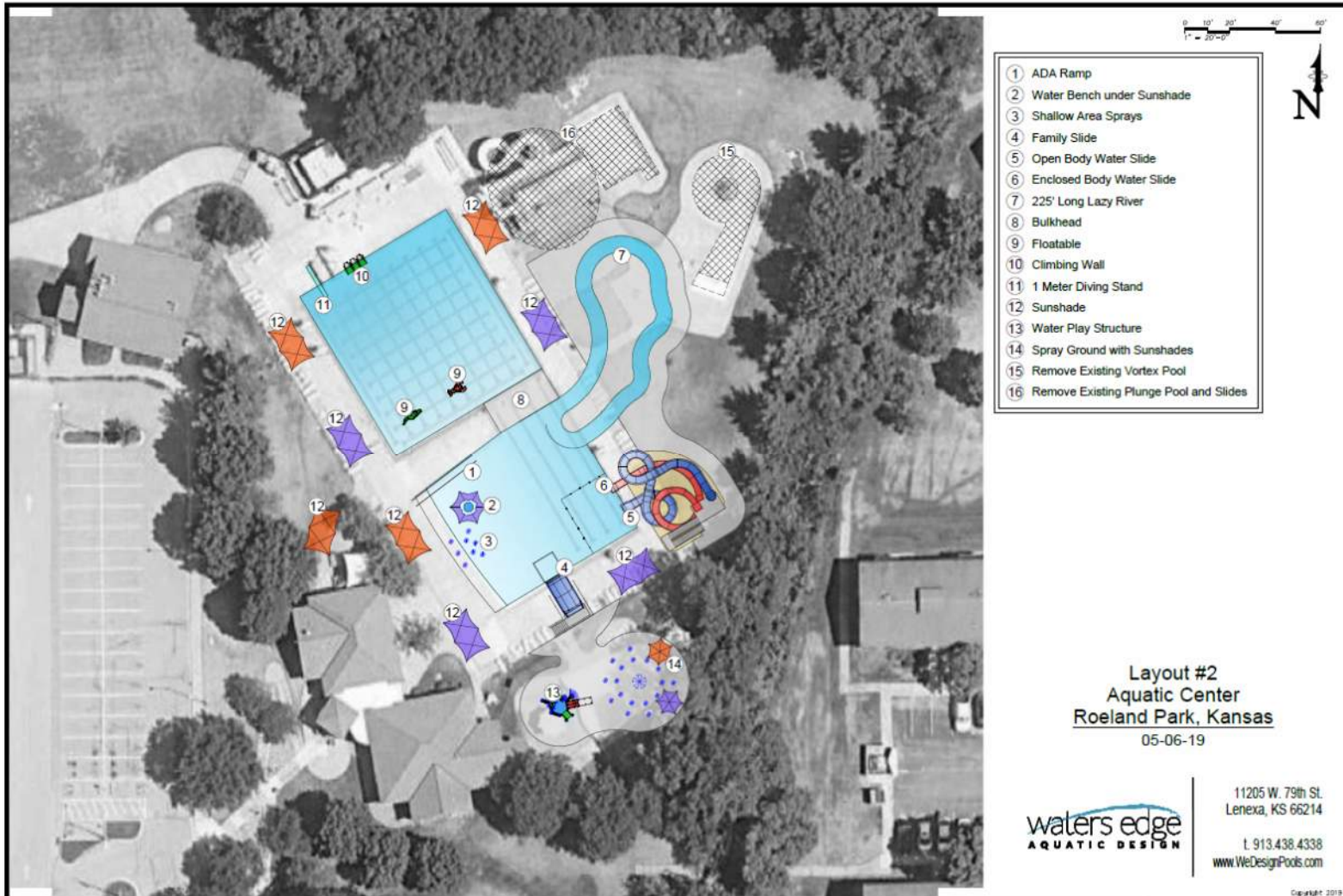
Demo Vortex Pool

Shade

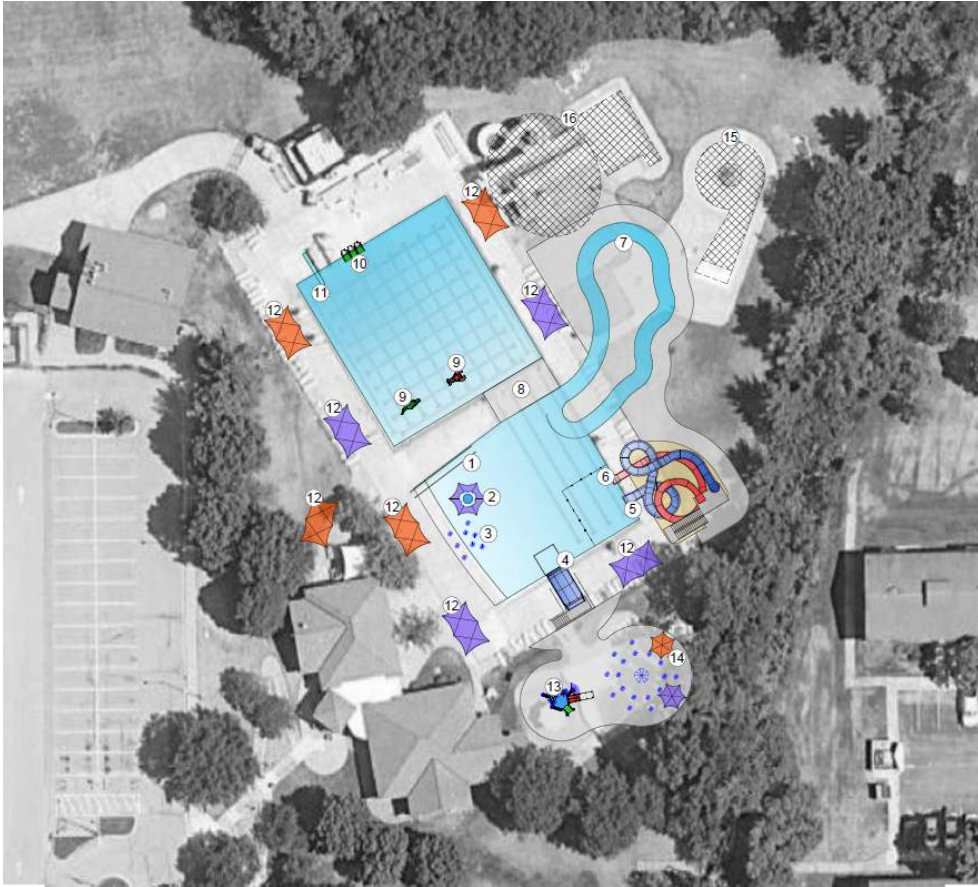
Zero-depth improvements

Spray Ground (w/shade)

Layout 2 – Family Aquatic Center (Full)

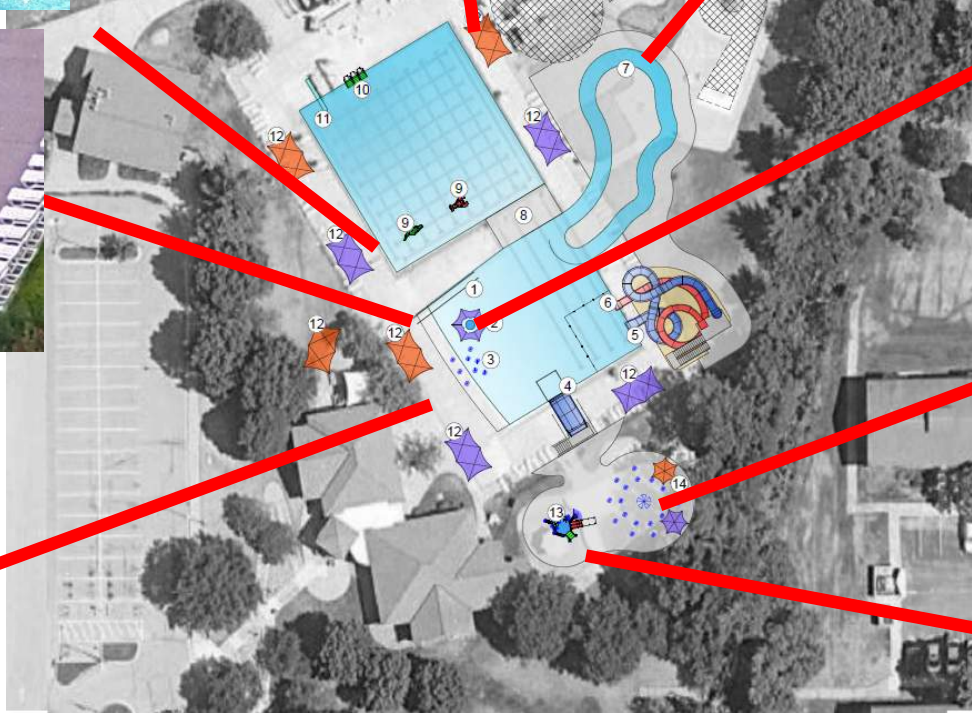


Layout 2 – Family Aquatic Center (Full)

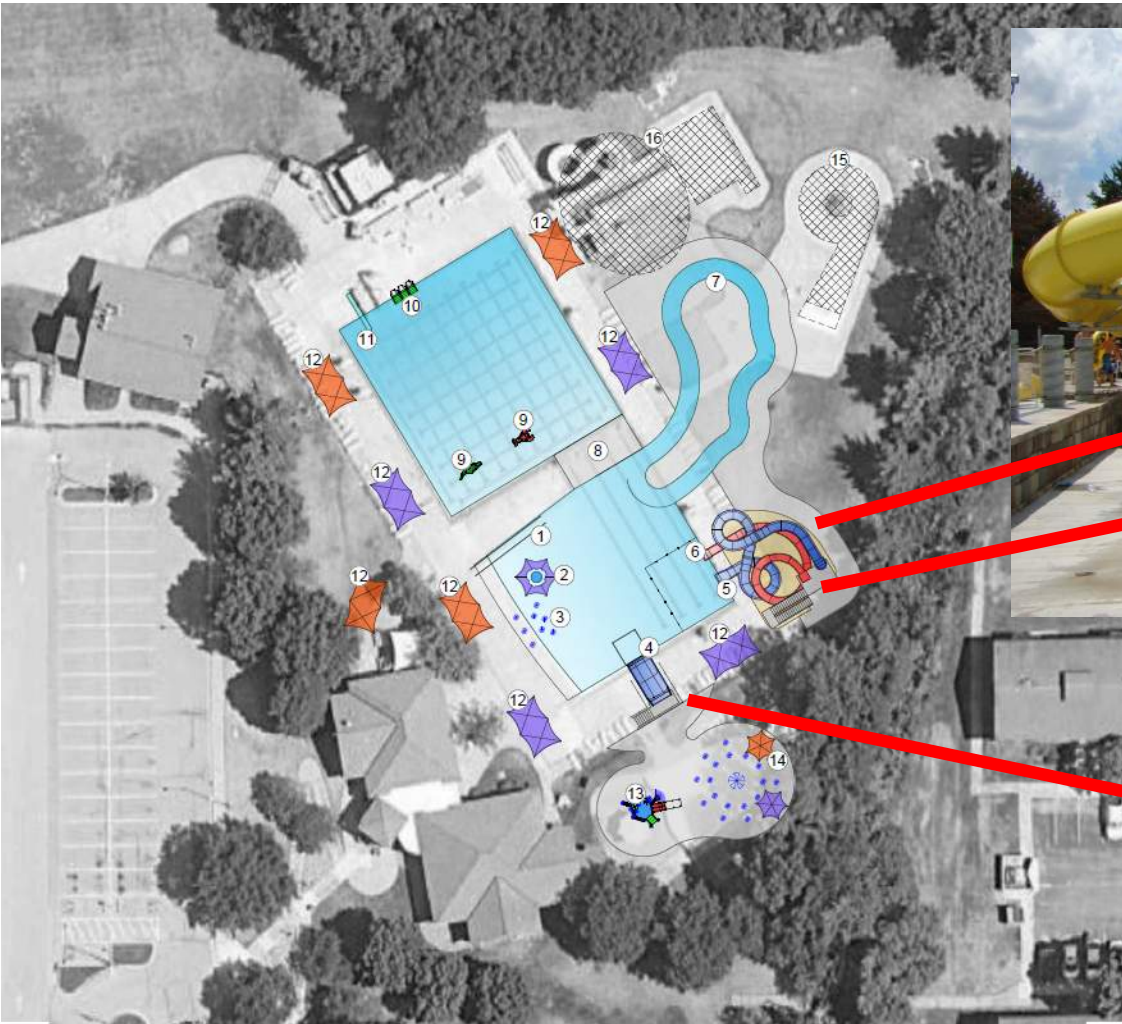


- Demo vortex pool, slides and slide pool
- Shade structures
- Remove wading pool/sand & replace with wet deck
- Separate lap area and shallow water
- Shallow area: zero-depth sprays, in-water bench & shade, ADA ramp
- **Add 2 large slides, 1 family slide and lazy river (7')**
 - *Family slide could be phased*
- Deep area: add ADA chair and floatables
- Soften with landscape
- Lighting

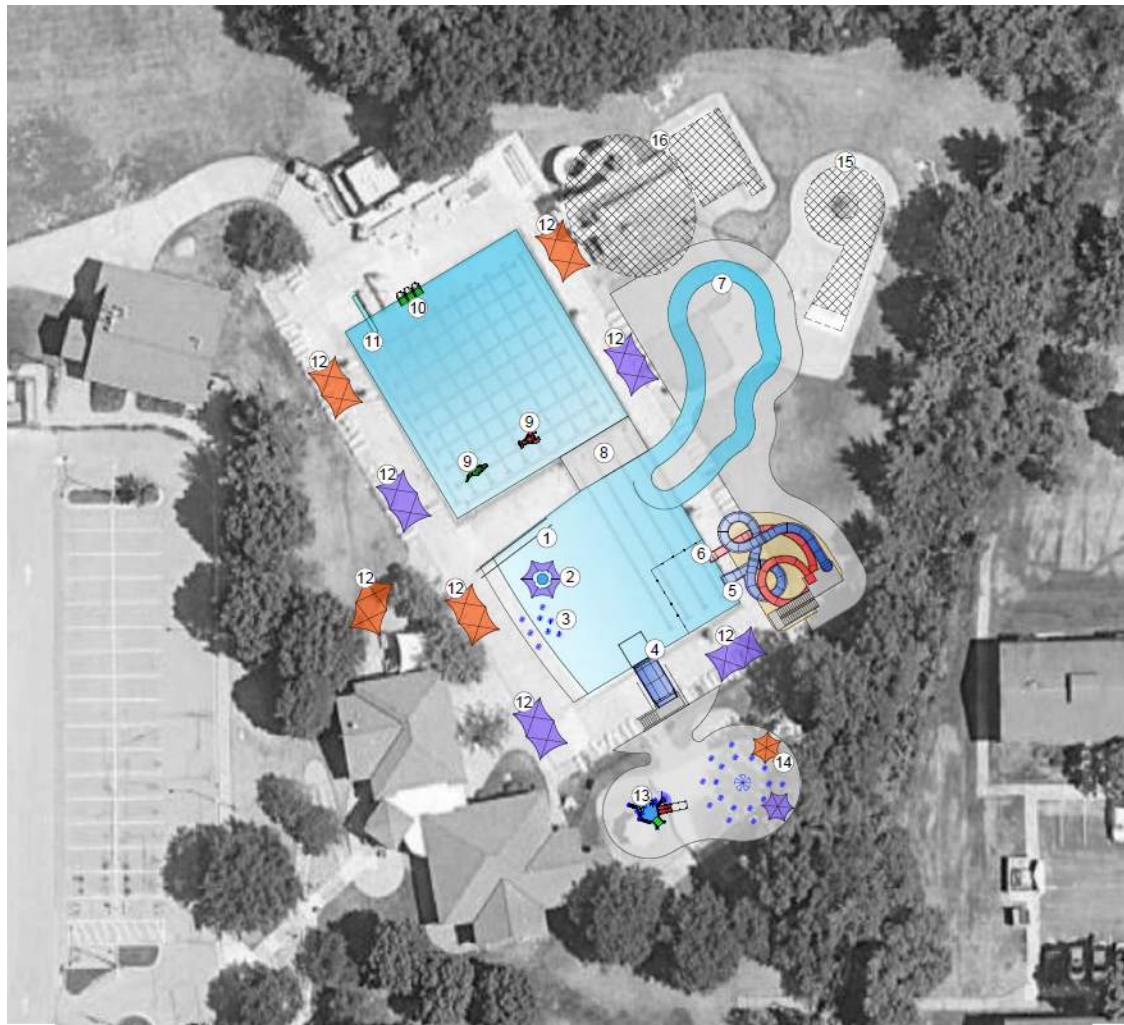
Layout 2 – Family Aquatic Center (Full)



Layout 2 – Family Aquatic Center (Full)



Layout 2 – Family Aquatic Center (Full)



Pool Size: 12,128 s.f.

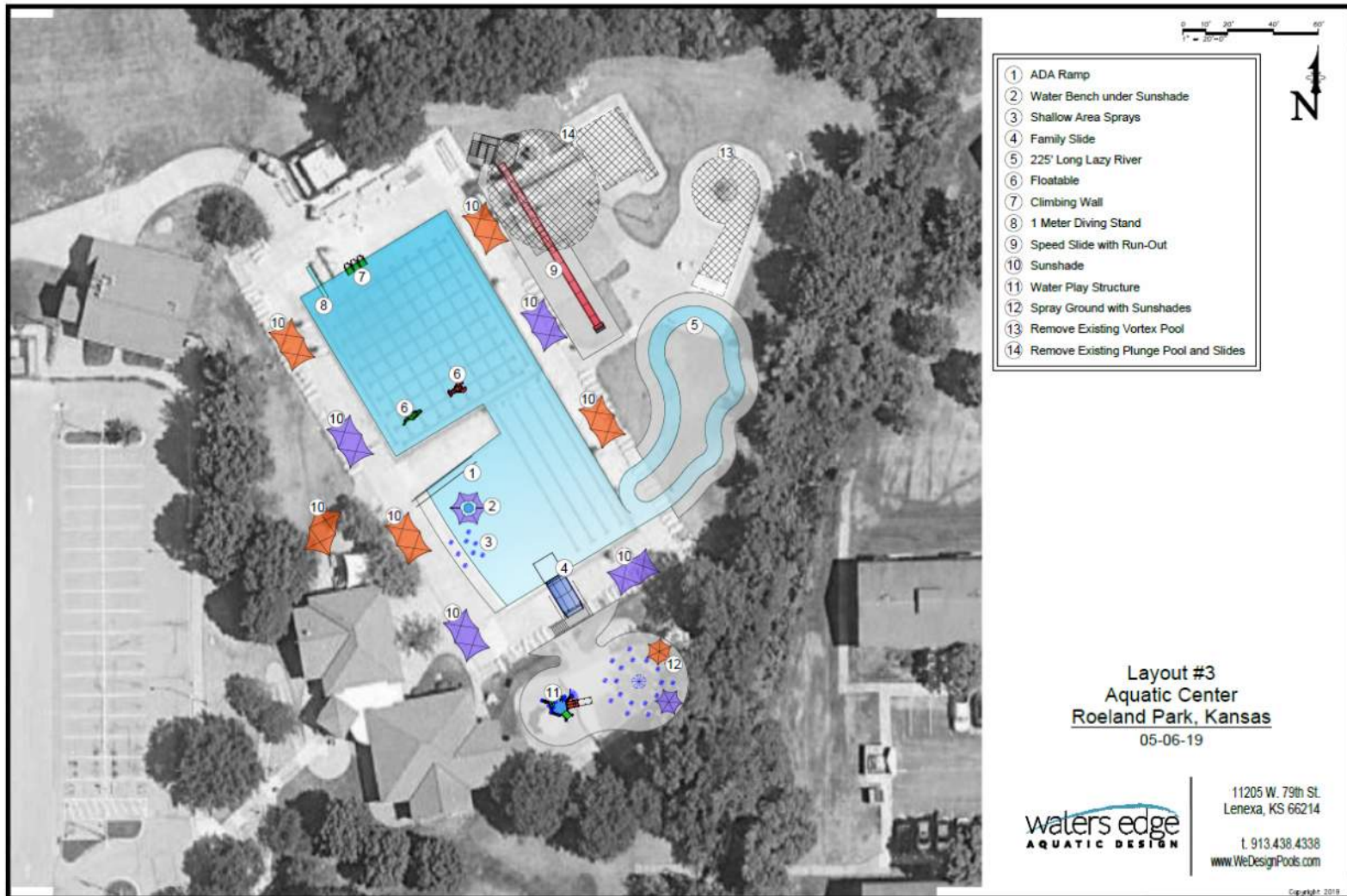
- Shallow Pool – 4,391 s.f.
- Diving Pool – 6,166 s.f.
- Lazy River – 1,571 s.f.
- Wet deck and sidewalk (not included above) – 3,000 s.f.

Est. Project Costs: \$3.31 M

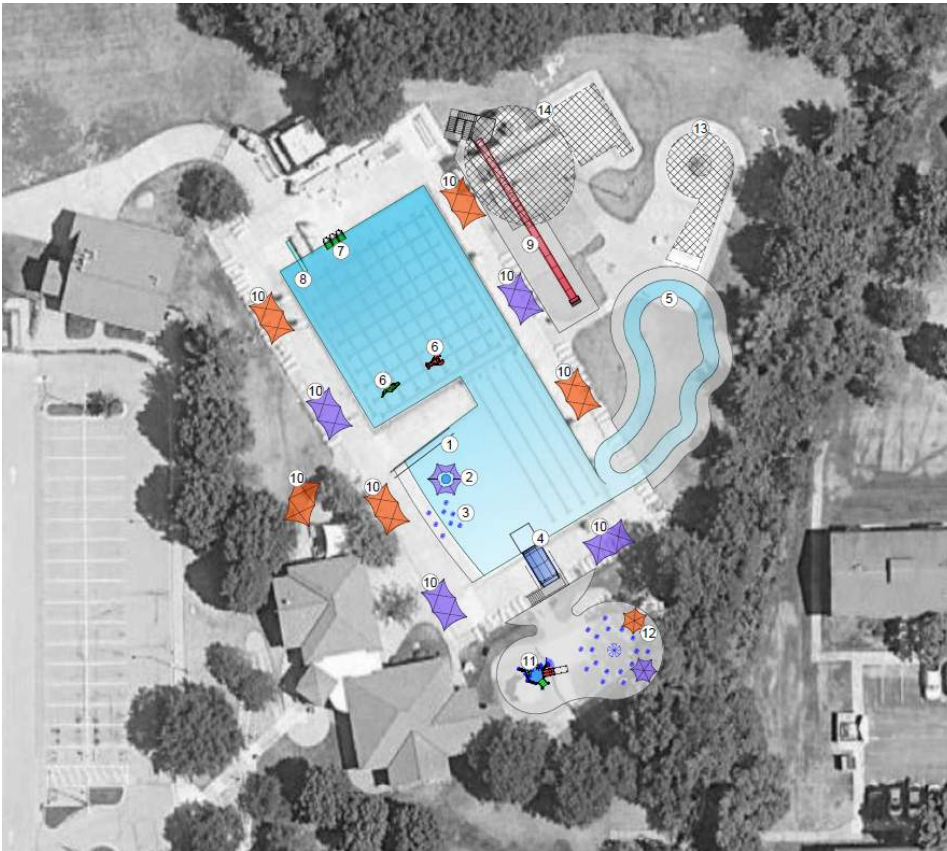
Phasing:

1. Demo Vortex, Slides and Slide Pools
2. Shade
3. Separate deep and shallow pools, zero-depth and shallow water improvements
4. Spray Ground (w/shade)

Layout 3 – Family Aquatic Center (Phased, Slide)

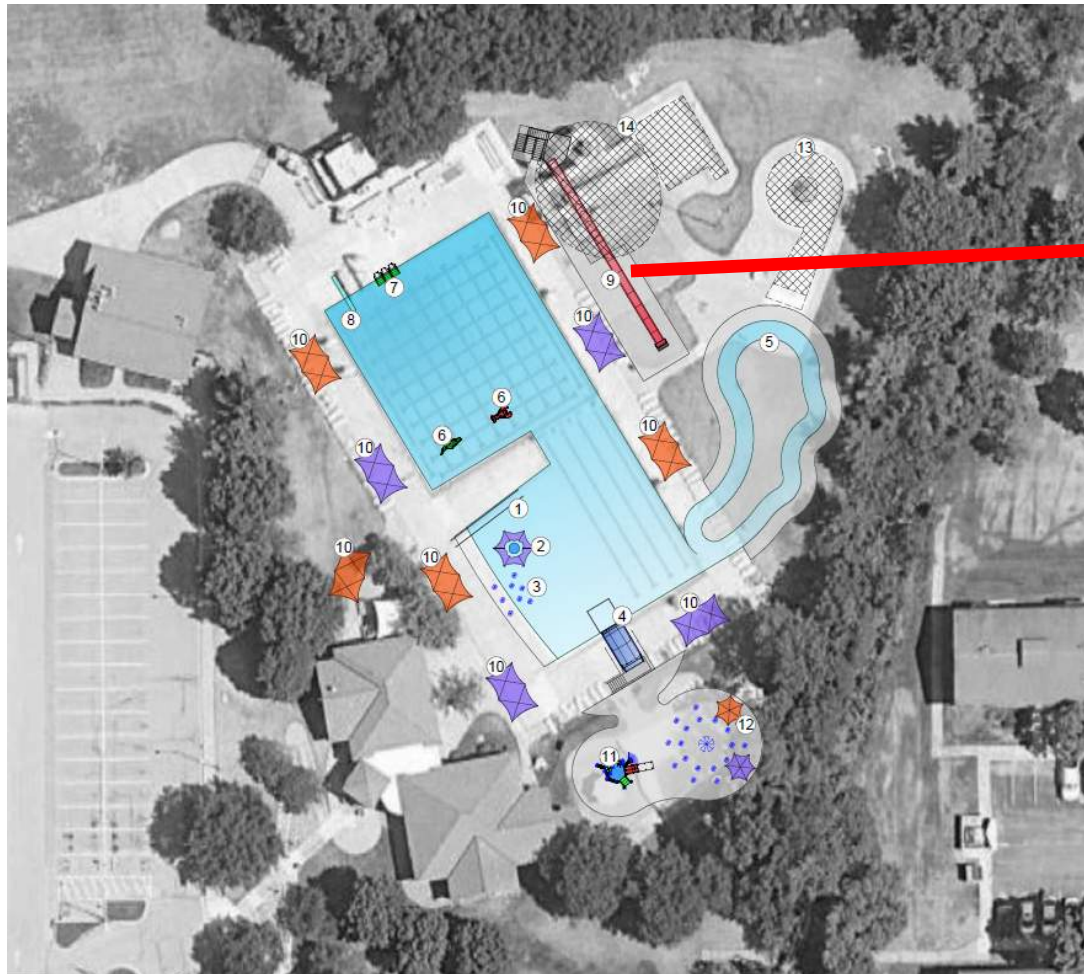


Layout 3 – Family Aquatic Center (Phased, Slide)

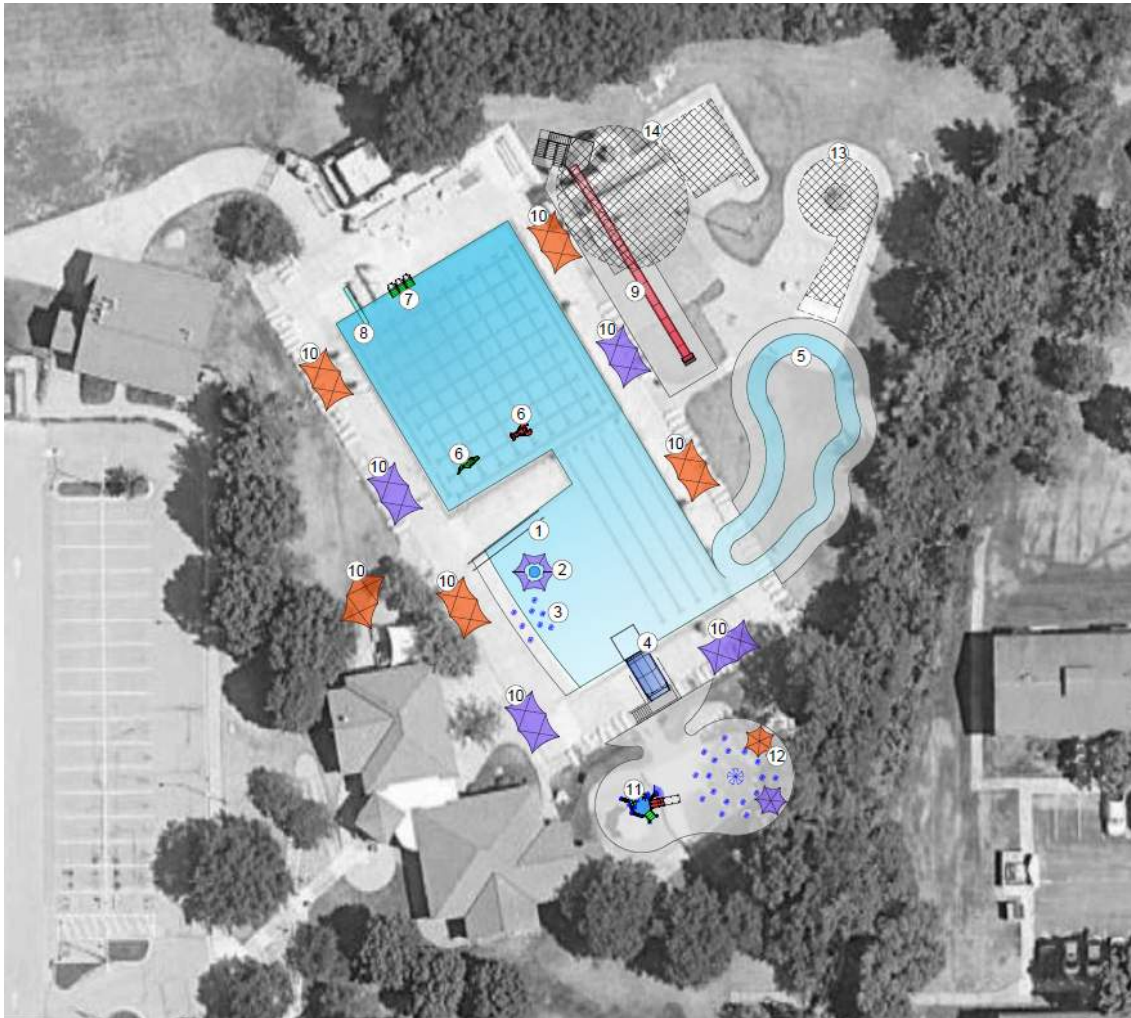


- Demo vortex pool, slides and slide pool
- Shade structures
- Remove wading pool/sand & replace with wet deck
- Separate lap area and shallow water
- Shallow area: zero-depth sprays, in-water bench & shade, ADA ramp
- **Add 1 family slide and lazy river (7')**
 - *Phased option: add slide runout*
 - *Option: Family slide could be phased*
- Deep area: add ADA chair and floatables
- Soften with landscape
- Lighting

Layout 3 – Family Aquatic Center (Phased, Slide)



Layout 3 – Family Aquatic Center (Phased, Slide)



Pool Size: 12,805 s.f.

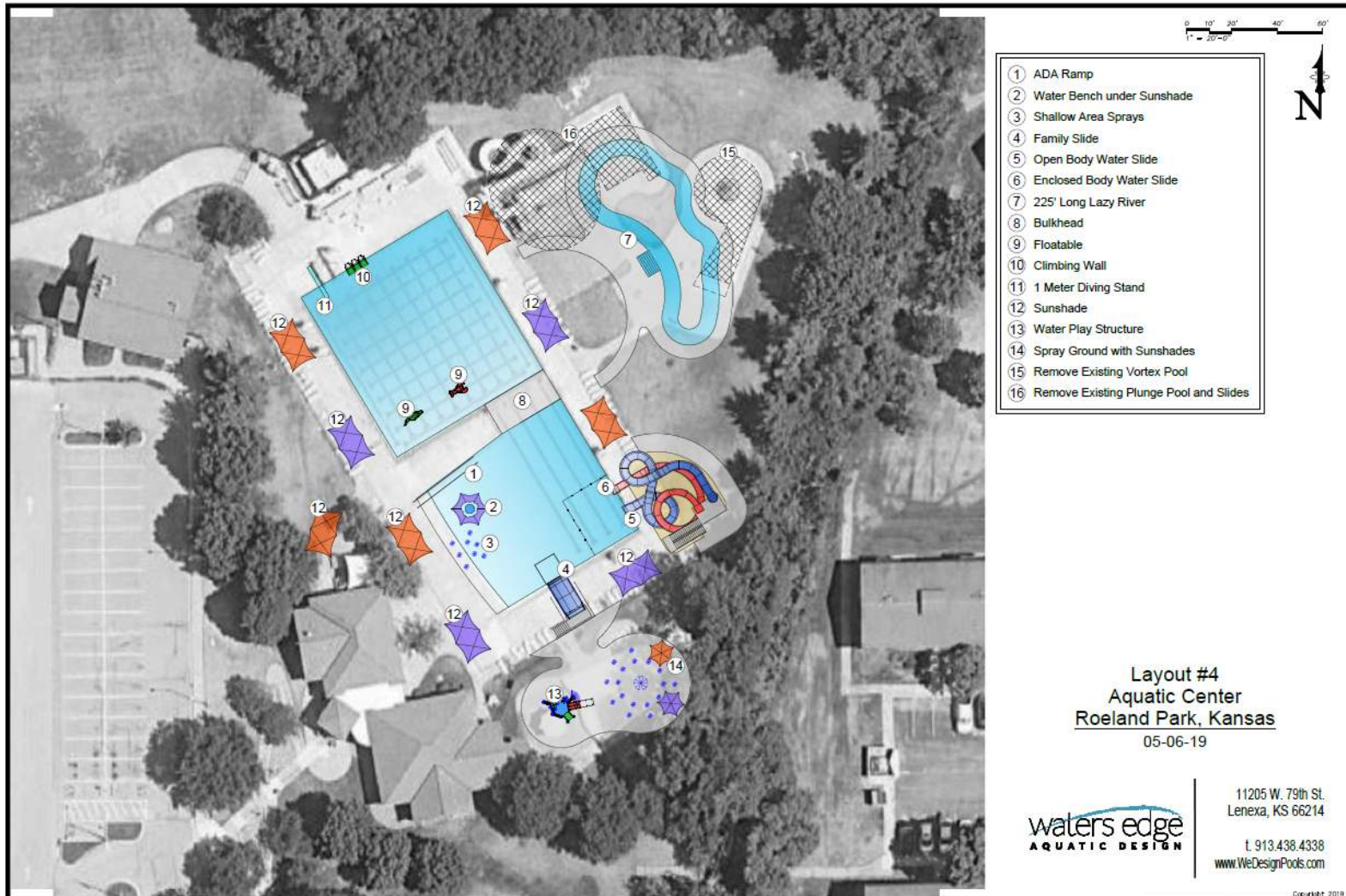
- Main pool – 11,234 s.f.
- Lazy river – 1,571 s.f.
- Wet deck and sidewalk (not included above) – 3,000 s.f.

Est. Project Costs: \$2.63 M

Phasing:

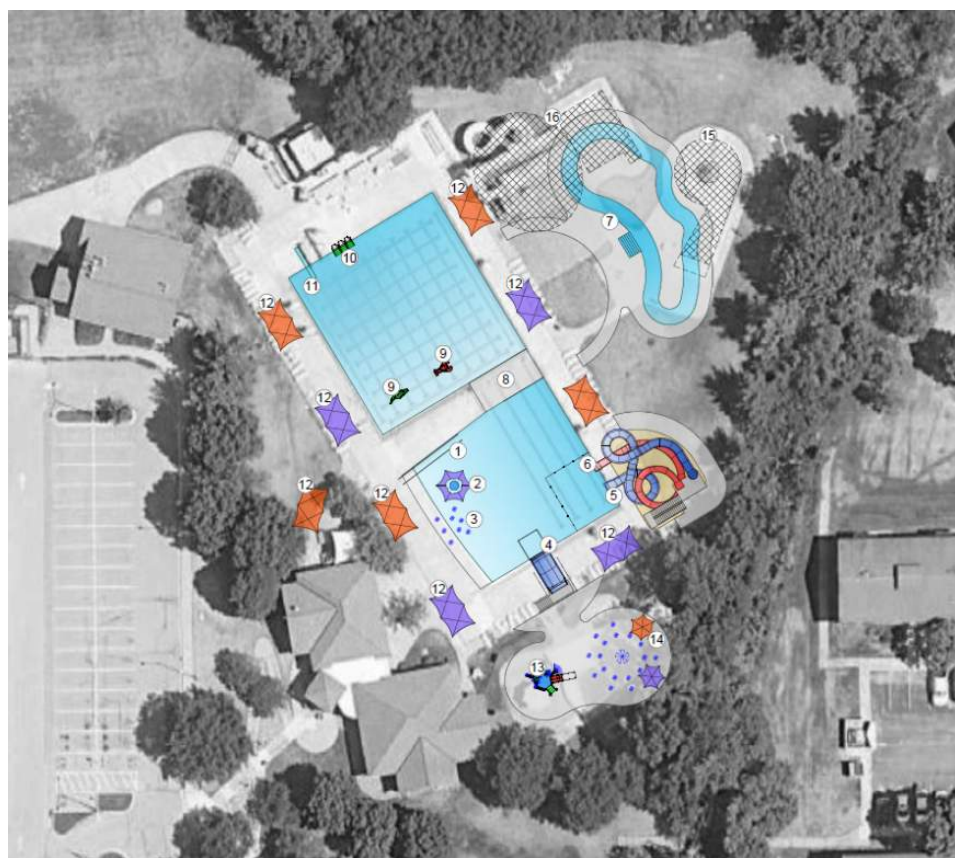
1. Demo Vortex, Slides and Slide Pools
2. Shade
3. Demo wading pool
4. Separate deep and shallow pools, zero-depth and shallow water improvements
5. Spray Ground (w/shade)
6. Slide with runout

Layout 4 – Family Aquatic Center (Phased, Lazy River)

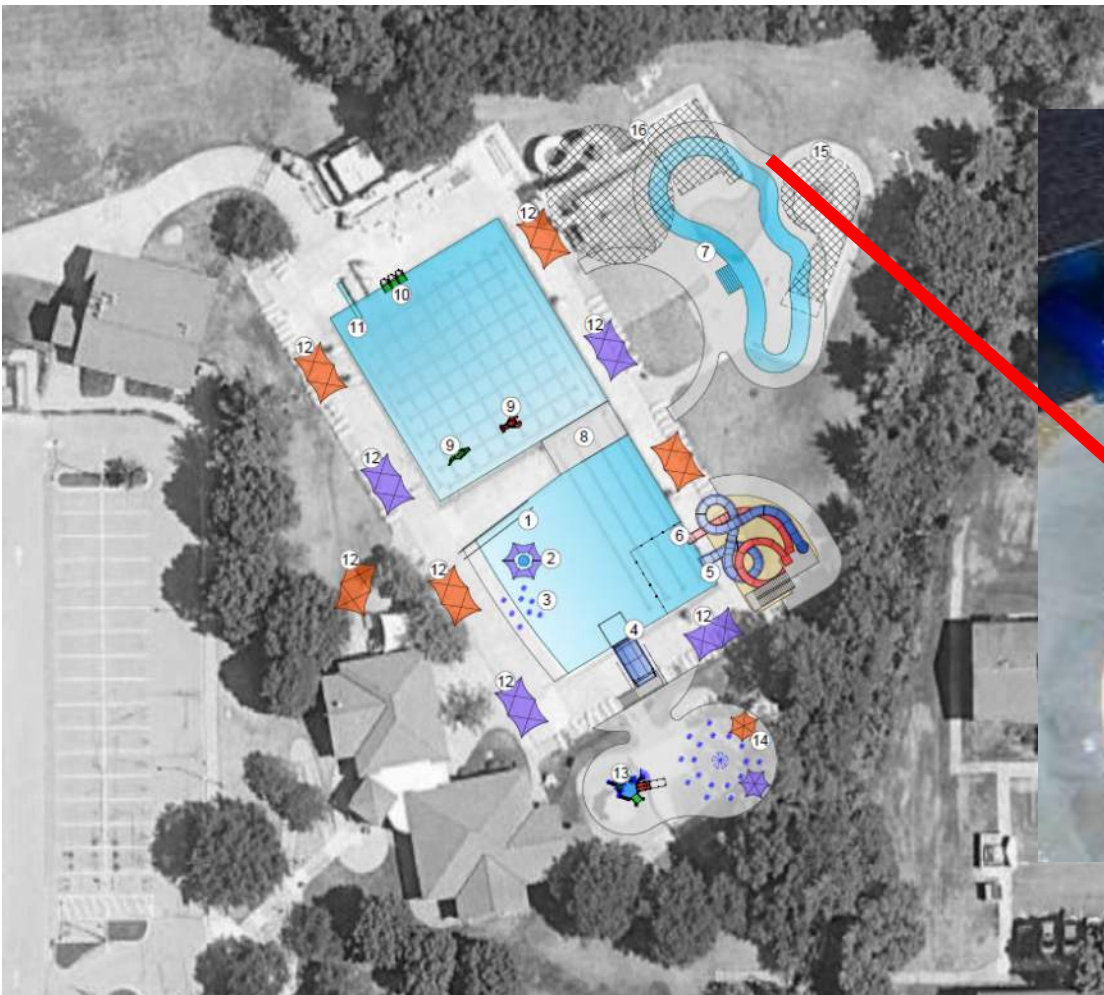


Layout 4 – Family Aquatic Center (Phased, Lazy River)

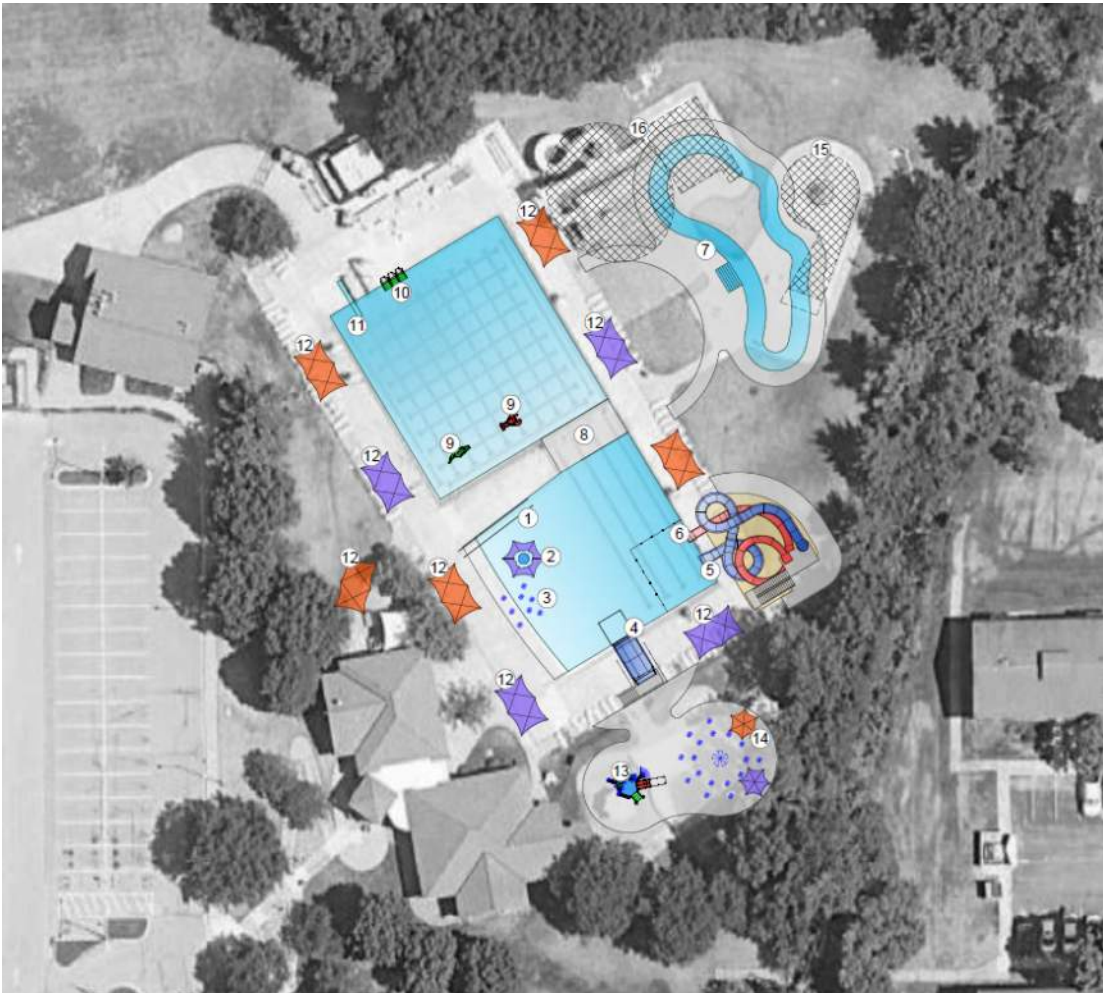
- Demo vortex pool, slides and slide pool
- Shade structures
- Remove wading pool/sand & replace with wet deck
- Separate lap area and shallow water
- Shallow area: zero-depth sprays, in-water bench & shade, ADA ramp
- **Add 2 large slides & 1 family slide**
 - *Phased option: add lazy river (7')*
 - *Family slide could be phased*
- Deep area: add ADA chair and floatables
- Soften with landscape
- Lighting



Layout 4 – Family Aquatic Center (Phased, Lazy River)



Layout 4 – Family Aquatic Center (Phased, Lazy River)



Pool Size: 12,191 s.f.

- Shallow Pool– 4,391 s.f.
- Diving Pool – 6,166 s.f.
- Lazy river – 1,634 s.f.
- Wet deck and sidewalk (not included above) – 3,000 s.f.

Est. Project Costs: \$3.3 M

Phasing:

1. Demo Vortex, Slides and Slide Pools
2. Shade
3. Demo wading pool
4. Separate deep and shallow pools, zero-depth and shallow water improvements
5. Spray Ground (w/shade)

Summary

Layout	Est. Project Cost	Phased Approach
Layout 1: Basic Improvements	\$1.35 M	<ol style="list-style-type: none"> 1. Demo vortex pool: \$42,000 2. Shade (main pool): \$60,375 3. Demo wading pool: \$39,375 4. Demo slides/slide pools: \$45,938 5. Separate pools, zero-depth and shallow water improvements: <i>See cost spreadsheet</i> 6. Spray ground (with shade): \$641,085 7. Lazy river: \$631,575 8. Slide runout: \$262,500 <p><i>Notes:</i></p> <ul style="list-style-type: none"> • <i>Individual features can be phased in once feature selection is solidified.</i> • <i>See Cost Opinion of Cost Worksheet for individuals costs and details.</i>
Layout 2: Family Aquatic Center (Full)	\$3.31 M	
Layout 3: Family Aquatic Center (Phased, Slide)	\$2.63 M	
Layout 4: Family Aquatic Center (Phased, Lazy River)	\$3.3 M	

Features –Phasing Options*



Open Body Slide (w/ tower)
\$274,838

Enlosed Body Slide
\$157,238



Speed Slide (Runout)
\$262,500



Family Slide
\$158,288



Play Structure
\$166,031

Anticipate 2% increase in feature cost and 5% in labor/construction costs annually

Features –Phasing Options*



Floatbles (x2)
\$14,075

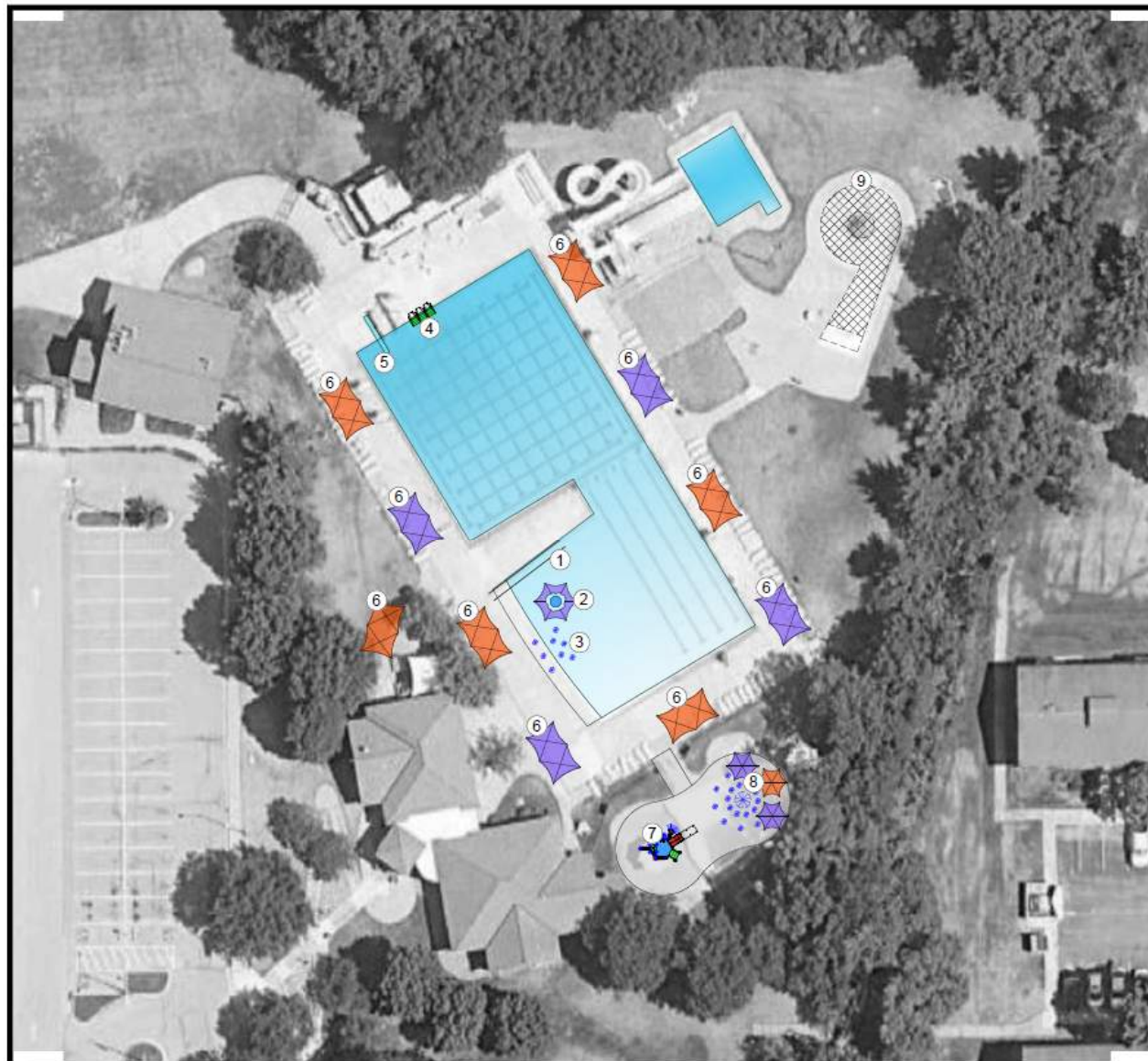


Spray Ground
\$641,085



Lazy River (7', 225 l.f., 1,571 – 1,624 s.f.)
\$631,575

Anticipate 2% increase in feature cost and 5% in labor/construction costs annually



- ① ADA Ramp
- ② Water Bench under Sunshade
- ③ Shallow Area Sprays
- ④ Climbing Wall
- ⑤ 1 Meter Diving Stand
- ⑥ Sunshade
- ⑦ Water Play Structure
- ⑧ Spray Ground with Sunshades
- ⑨ Remove Existing Vortex Pool

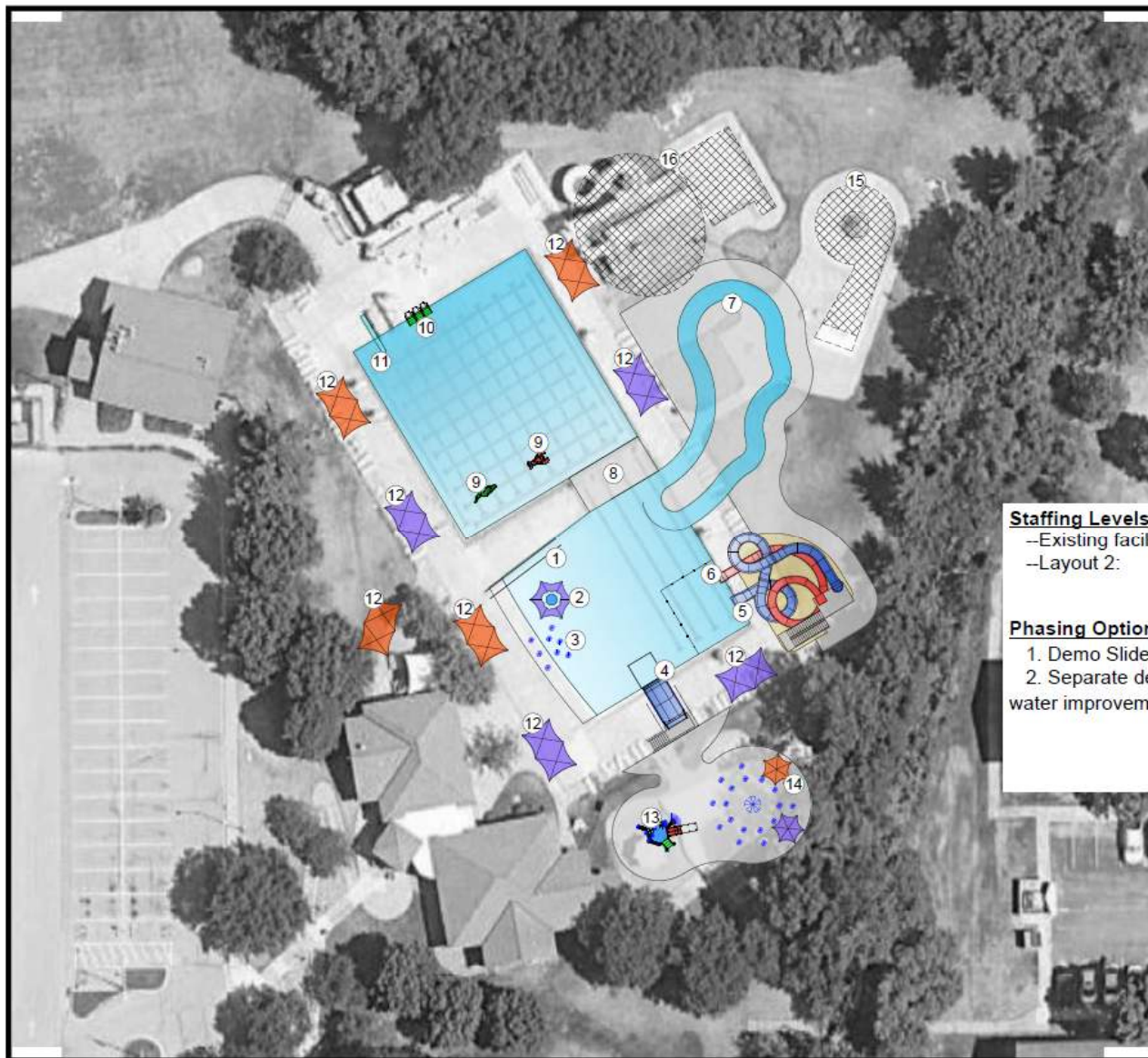
Staffing Levels (Pool Only, At Peak):
 --Existing facility: 12-13 lifeguards
 --Layout 1: 10 -11 lifeguards

Phasing Options:
 1. Demo Vortex Pool: \$42,000
 2. Shade (main pool): \$60,375
 3. Demo Wading Pool: \$39,375
 4. Zero-Depth Improvements: see cost worksheets.
 5. Spray Ground (w/ shade): \$641,085

Layout #1
Aquatic Center
Roeland Park, Kansas
 05-06-19

waters edge
 AQUATIC DESIGN

11205 W. 79th St.
 Lenexa, KS 66214
 t. 913.438.4338
 www.WeDesignPools.com



0 10' 20' 40' 60'
1" = 20'-0"



- ① ADA Ramp
- ② Water Bench under Sunshade
- ③ Shallow Area Sprays
- ④ Family Slide
- ⑤ Open Body Water Slide
- ⑥ Enclosed Body Water Slide
- ⑦ 225' Long Lazy River
- ⑧ Bulkhead
- ⑨ Floatable
- ⑩ Climbing Wall
- ⑪ 1 Meter Diving Stand
- ⑫ Sunshade
- ⑬ Water Play Structure
- ⑭ Spray Ground with Sunshades
- ⑮ Remove Existing Vortex Pool
- ⑯ Remove Existing Plunge Pool and Slides

Staffing Levels (Pool Only, At Peak):

- Existing facility: 12-13 lifeguards
- Layout 2: 10 -11 lifeguards

Phasing Options:

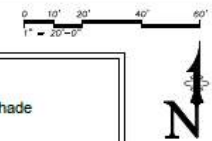
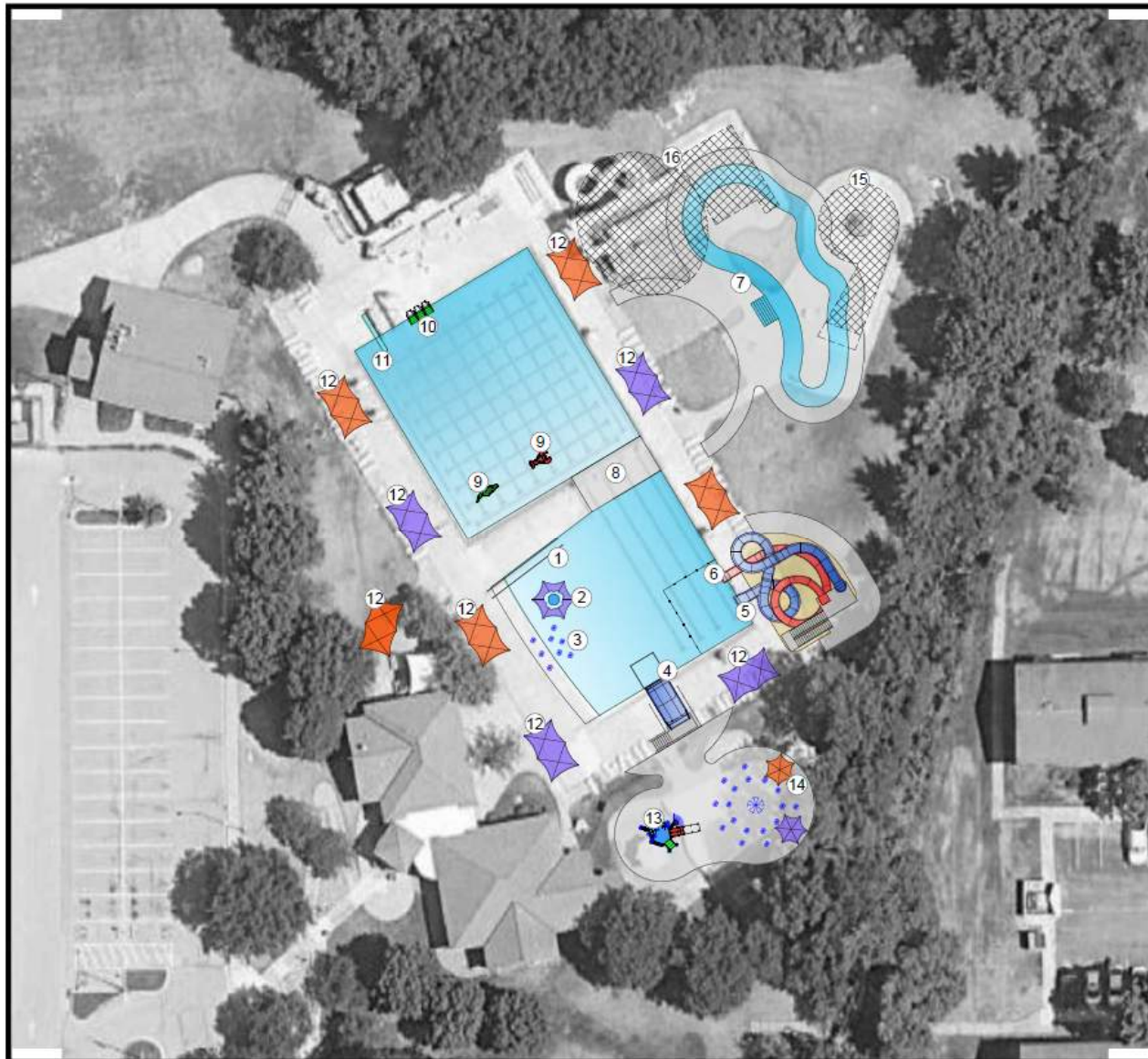
1. Demo Slides/Slide Pools: \$45,938
2. Separate deep and shallow pools, zero-depth and shallow water improvements: see cost worksheets

Layout #2
Aquatic Center
Roeland Park, Kansas
05-06-19

waters edge
AQUATIC DESIGN

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- ① ADA Ramp
- ② Water Bench under Sunshade
- ③ Shallow Area Sprays
- ④ Family Slide
- ⑤ Open Body Water Slide
- ⑥ Enclosed Body Water Slide
- ⑦ 225' Long Lazy River
- ⑧ Bulkhead
- ⑨ Floatable
- ⑩ Climbing Wall
- ⑪ 1 Meter Diving Stand
- ⑫ Sunshade
- ⑬ Water Play Structure
- ⑭ Spray Ground with Sunshades
- ⑮ Remove Existing Vortex Pool
- ⑯ Remove Existing Plunge Pool and Slides

Staffing Levels (Pool Only. At Peak):
 --Existing facility: 12-13 lifeguards
 --Layout 4: 10 -11 lifeguards

Phasing Options:
 1. Separate deep and shallow pools, zero-depth and shallow water improvements: see cost worksheet
 2. Lazy River: \$631,575

Layout #4
Aquatic Center
Roeland Park, Kansas
 05-06-19

waters edge
AQUATIC DESIGN

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Thank you

Comments