



SPLASH PAD

A faded, grayscale photograph of a splash pad in a park. The splash pad has several water features, including a central pole with two lamps and a large, umbrella-shaped structure. The background shows trees and a building.

LOCATION STUDY

IDENTIFIED LOCATIONS

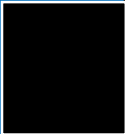
SPLASH PAD



Mettawas Park / 85 Park Street

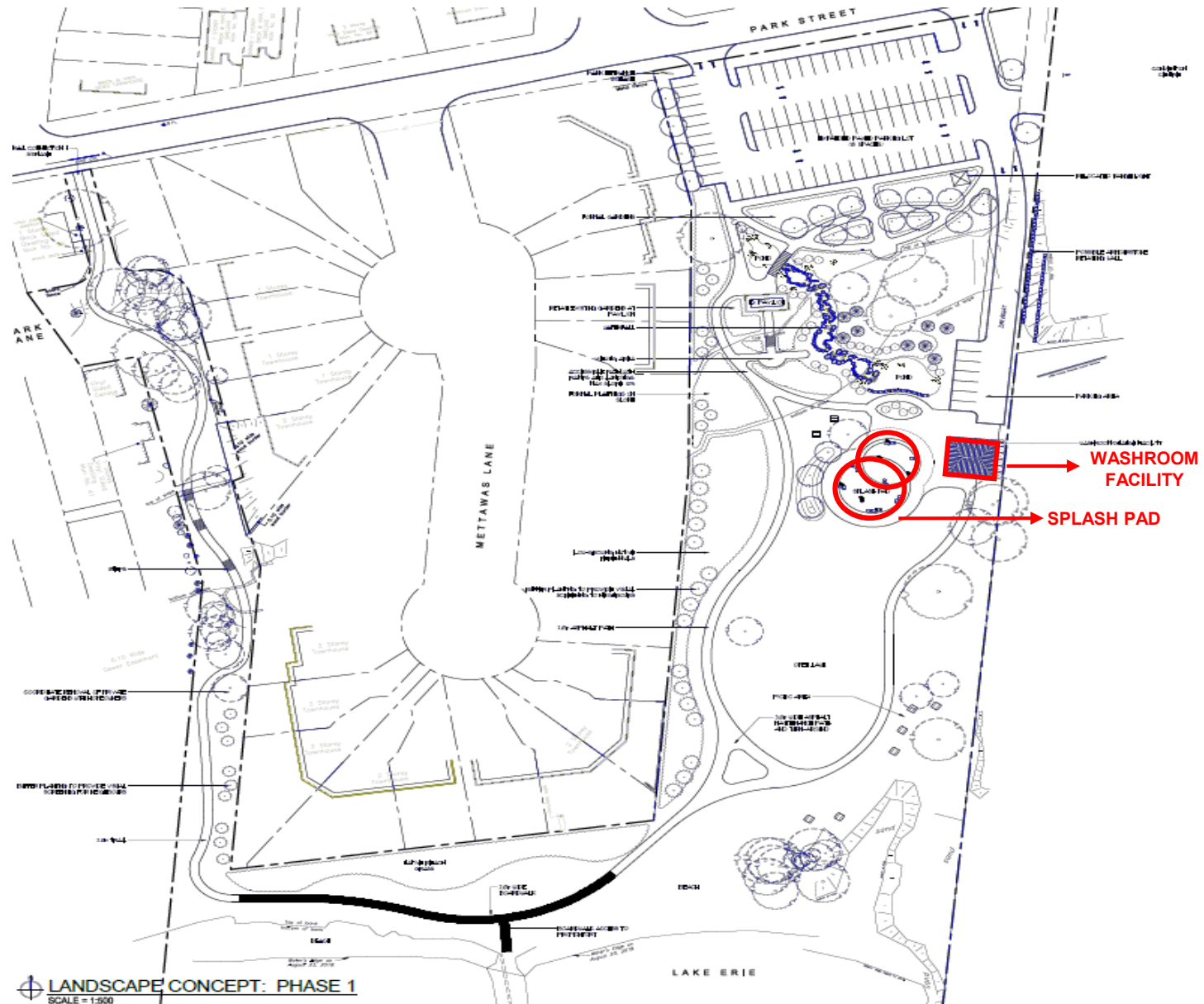


Lakeside Park / 315 Queen Street



Lions Park / 23 Mill Street West

SPLASH PAD FEASIBILITY

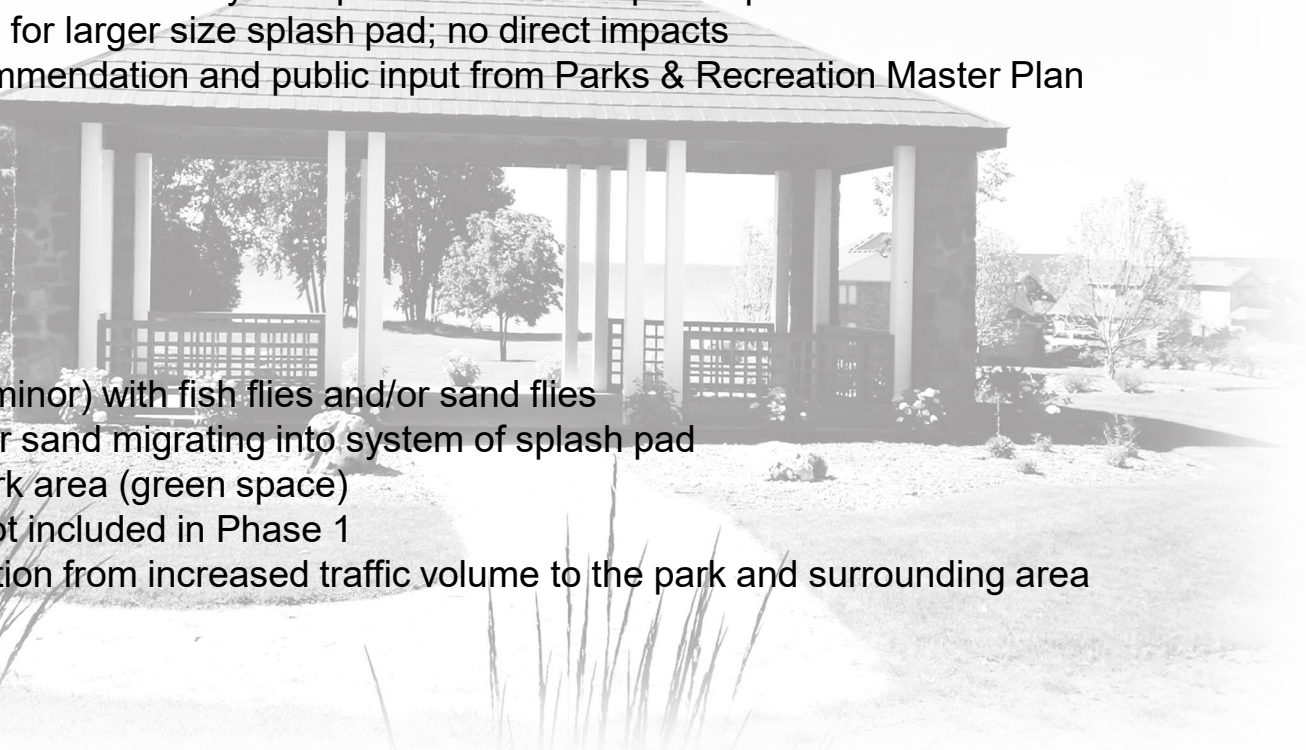


BENEFITS

- Provides added functionality of park, compliments future development and its amenities
- Enhances park make-up suitable for all ages (destination park)
- Infrastructure available to easily incorporate into development plan
- Location suitable for larger size splash pad; no direct impacts
- Adheres to recommendation and public input from Parks & Recreation Master Plan

DRAWBACKS

- Potential issue (minor) with fish flies and/or sand flies
- Potential (low) for sand migrating into system of splash pad
- Undeveloped park area (green space)
- Play Structure not included in Phase 1
- Possible congestion from increased traffic volume to the park and surrounding area



Letter from Ron Koudy's Landscape Architects:

'In southwestern Ontario, the prevailing winds come from the west. Since Mettawas Park sits to the east of the aggregate storage area, the wind will tend to blow any aggregate dust away from the site rather than towards it. Wind directions vary, of course, however this should be the predominant pattern.

RKLA staff have visited the site on a number of occasions, and have never observed any visible evidence of dust collecting on surfaces (e.g. vegetation / grass, structures, furnishings). We understand that Town staff have also not observed this.

We are unaware of any issues of dust clogging sewers and storm drains in the park vicinity.

We can introduce strategic plantings along the boundary between the park and the aggregate storage area to help mitigate possible dust movement. Some studies suggest that species such as Linden (*Tilia cordata*) are able to effectively capture airborne pollution, due to the hairy leaf surface.

Berms and fencing constructed around the splash pad, and between the pad and the dust source, may also be effective in reducing any dust that might be blown onto the pad.

We have also consulted with Janet Elliott, a splash pad designer at Openspace Solutions and distributor of Waterplay Solutions Corp splash pad equipment. She offered the following comments:

“With the assumption that there will be a flow through system, we do not anticipate any real problems with the closeness of the aggregates supply and dust. If it was a Water Treatment System we would have some concerns with the dirt and especially the “fish flies” which have caused havoc on the system in Colchester. The pad may require a few minutes extra operations time in cleaning out the drains.

We would likely recommend a drain with a deeper sump to store some of the debris at the bottom and still allow the water to flow through. We would use a 6” drain line and maybe have multiple drains on the pad depending on the water flow - two would be ideal. There are stainless drains with strainer baskets that would be easier for the staff to lift in and out compared to going in with a scoop.

During the fish fly season they would maybe need to check the basket 2 times per day as opposed to once a day.”

In addition, she contacted Jeff Scobie from the technical support team at Waterplay, who noted that sand and dust is not a frequent concern:

“I haven’t really heard anything about incidental sand before. I know we have had issues regarding kids packing sand into splash parks from nearby dry playgrounds but nothing about wind packed sand. I would just use a strainer basket and keep on top of upkeep.”

In summary, we believe that dust accumulation on the proposed splash pad in Mettawas Park is not likely to be a significant issue, and can be addressed through both site design and technical solutions as outlined above.



FINANCIAL IMPACTS

Splash Pad: 280 sq. m (500 sq. m with overspray zone)

\$350,000

Washroom Facility (including adequate change areas; housing of splash pad equipment)

\$300,000

Phase 1A / 1B of Mettawas Park Development:

Upper Parking Lot / Walking Paths & Boardwalk / Waterfall & Pond / Footbridge / Garden Area's and Plantings

\$900,000

TOTAL ESTIMATED COST

\$1,550,000.00





Splash Pad Example for Lakeside Park

**Sizing: 135 sq m (1450 sq. ft.)*

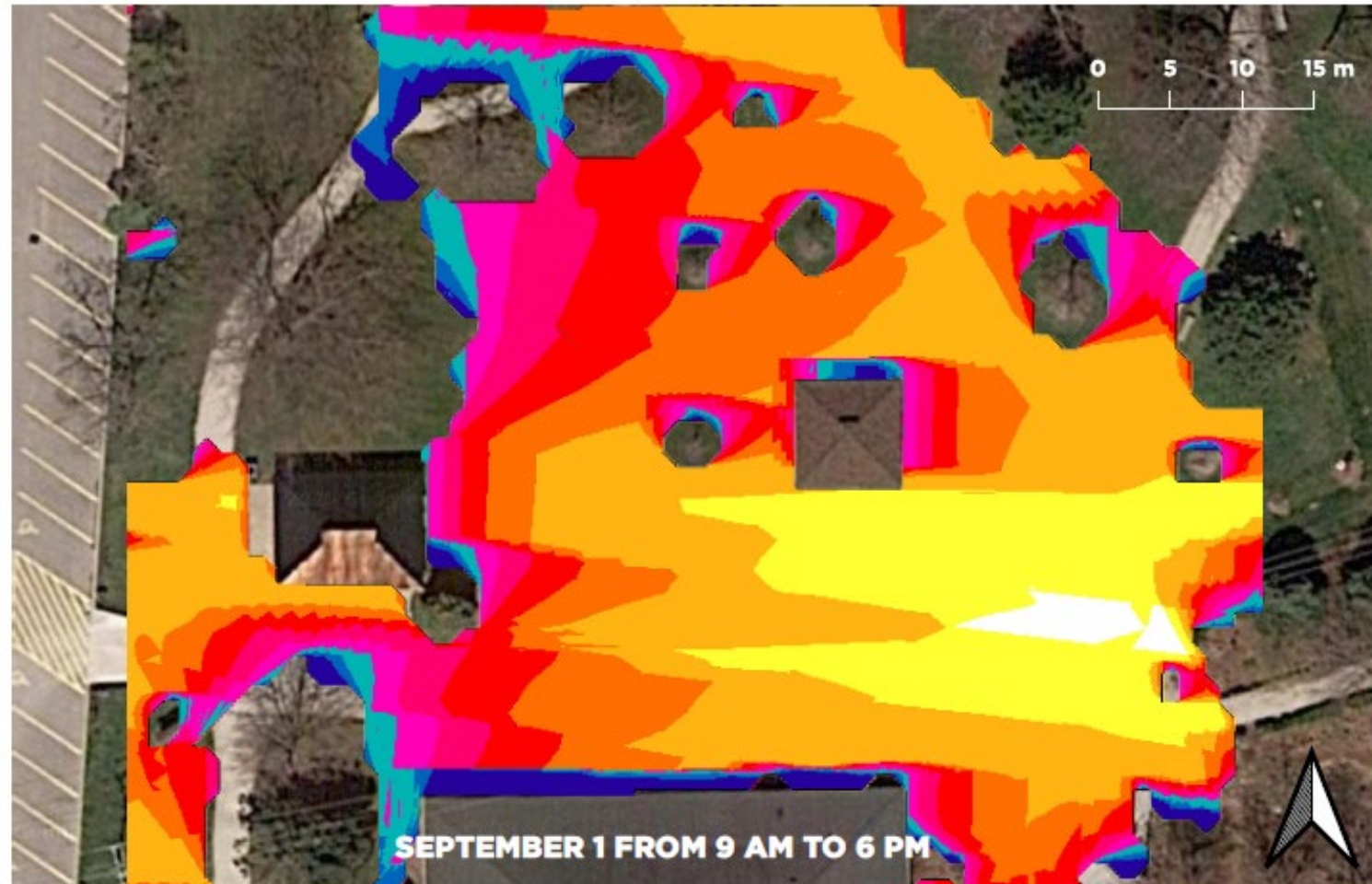
SUN-SHADE ANALYSIS



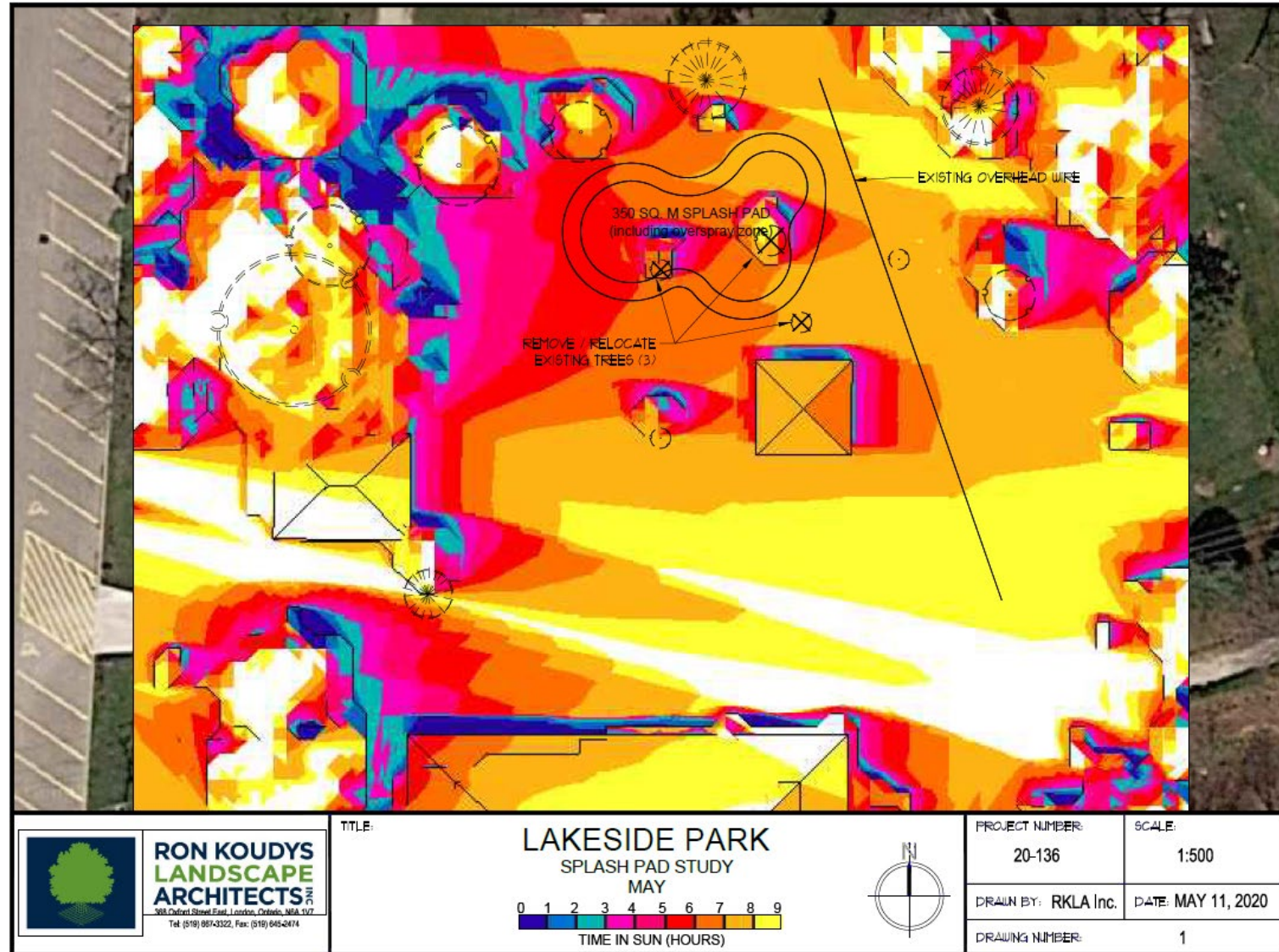


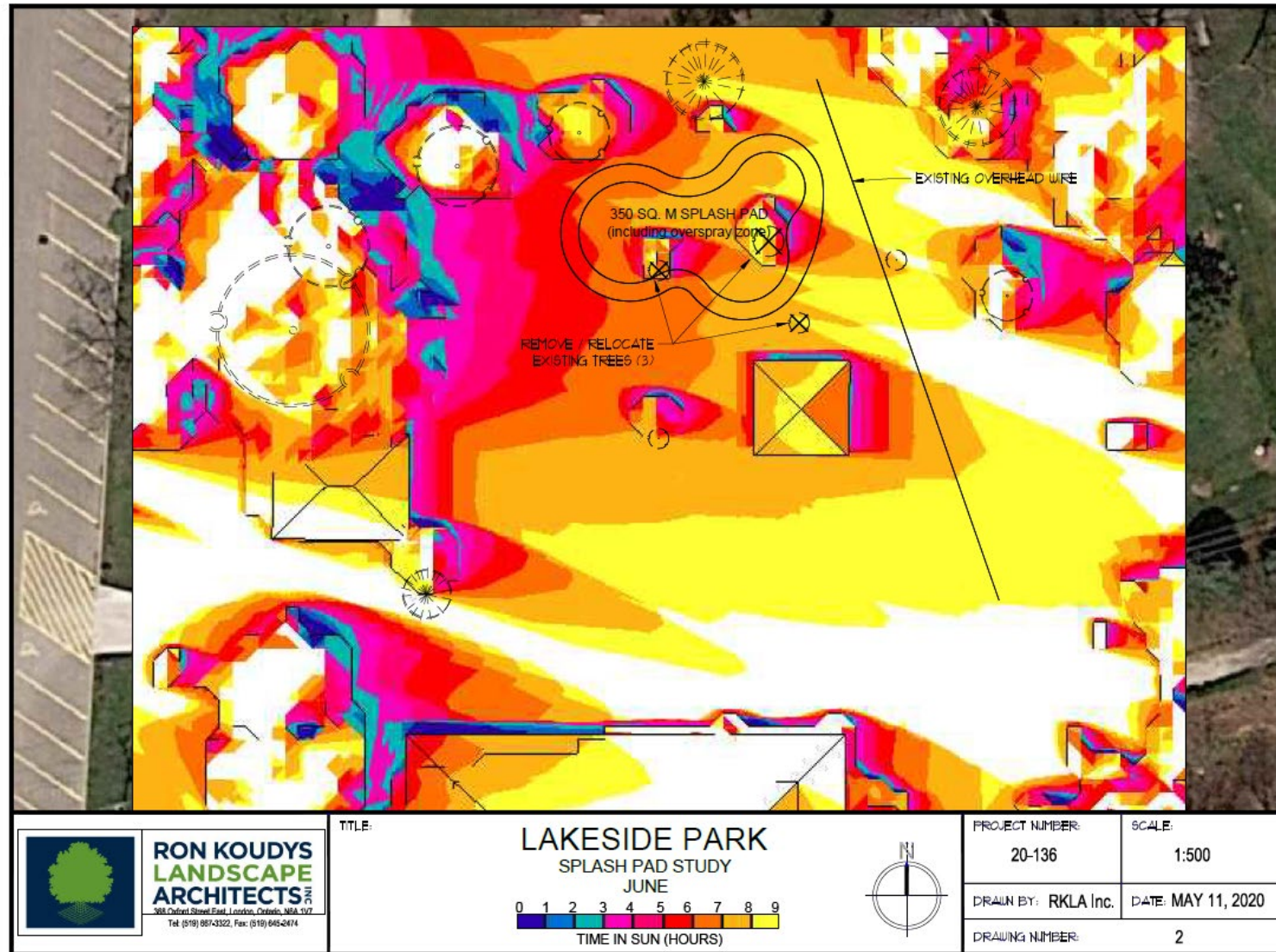


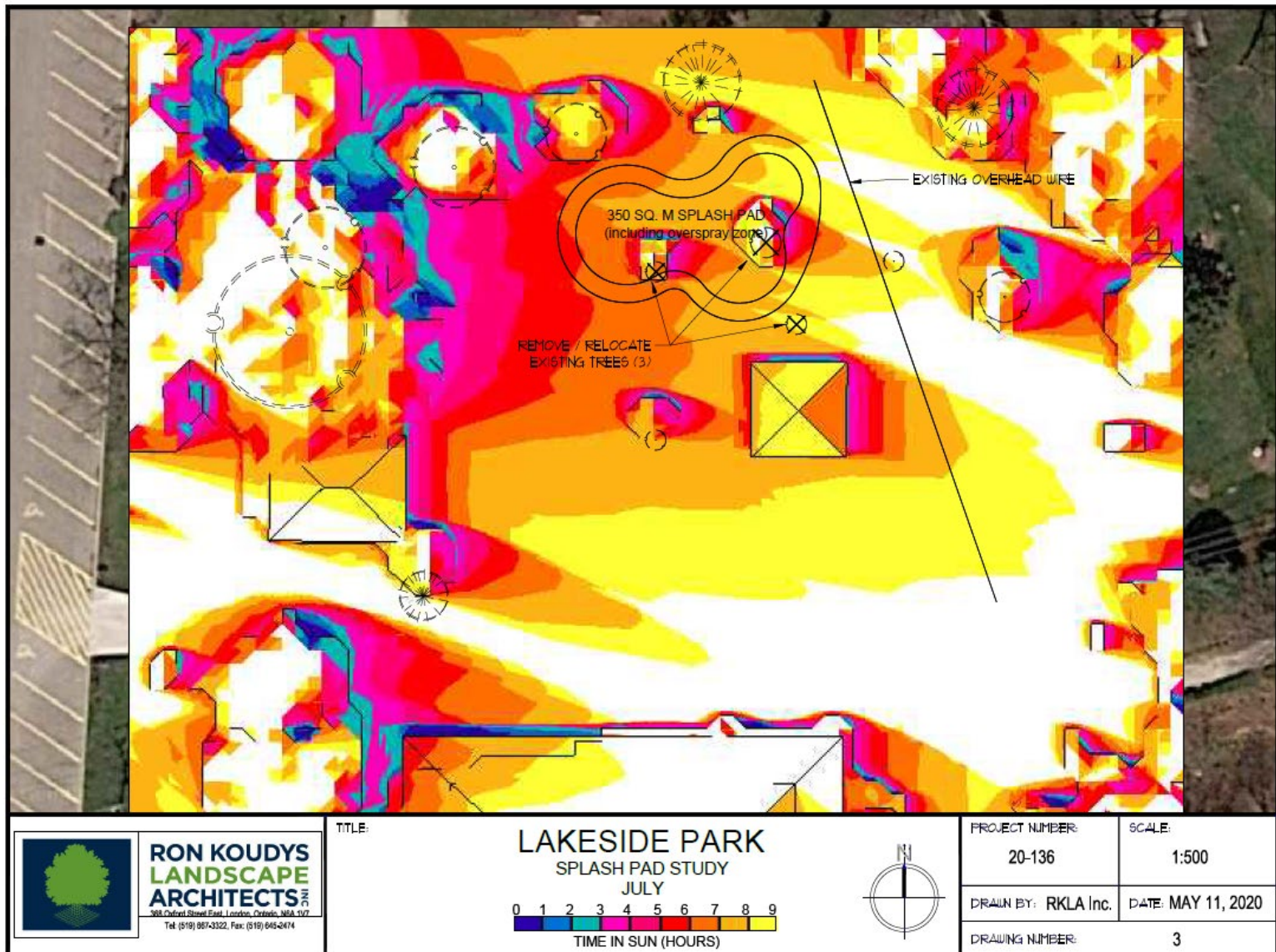


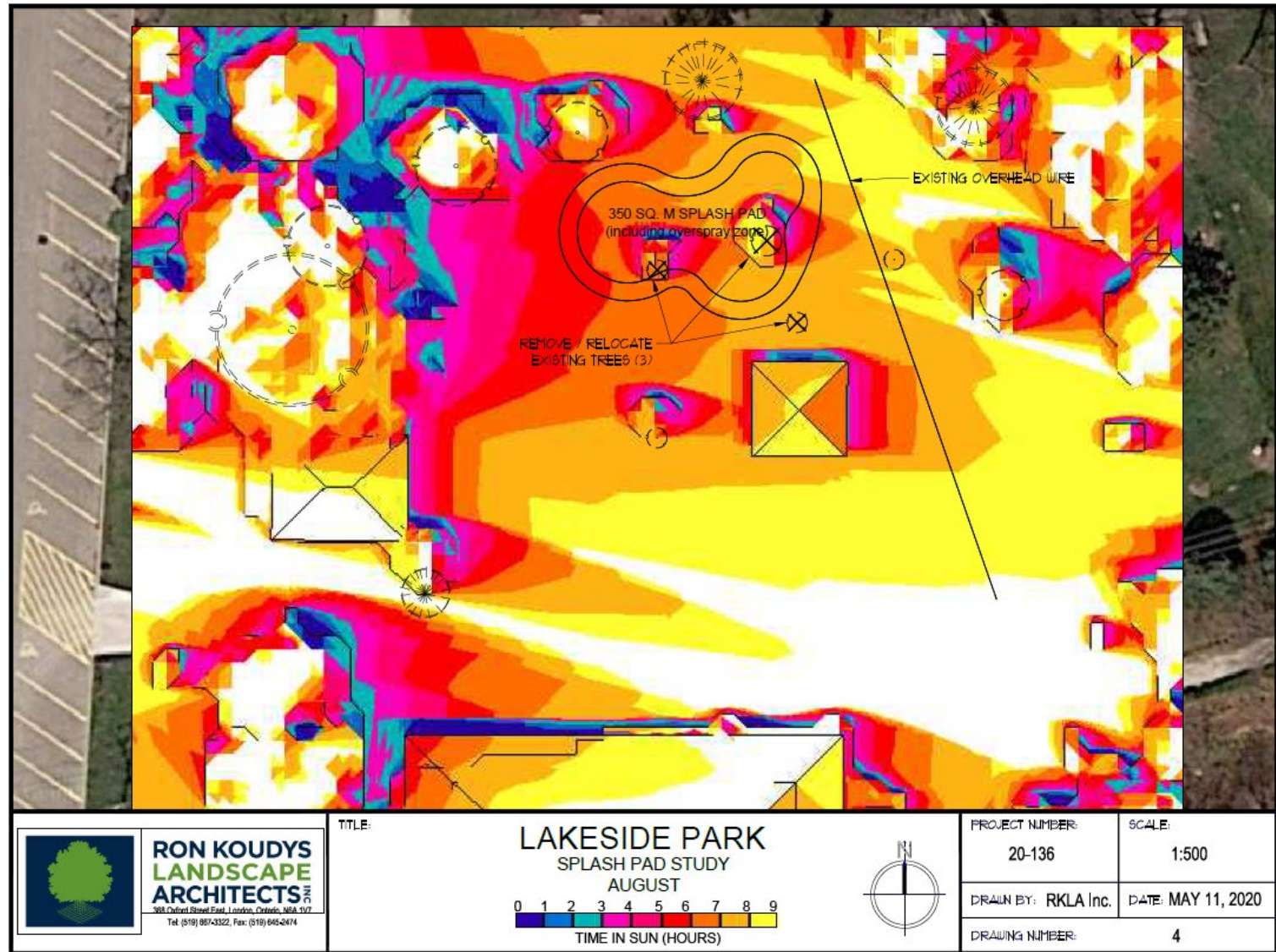


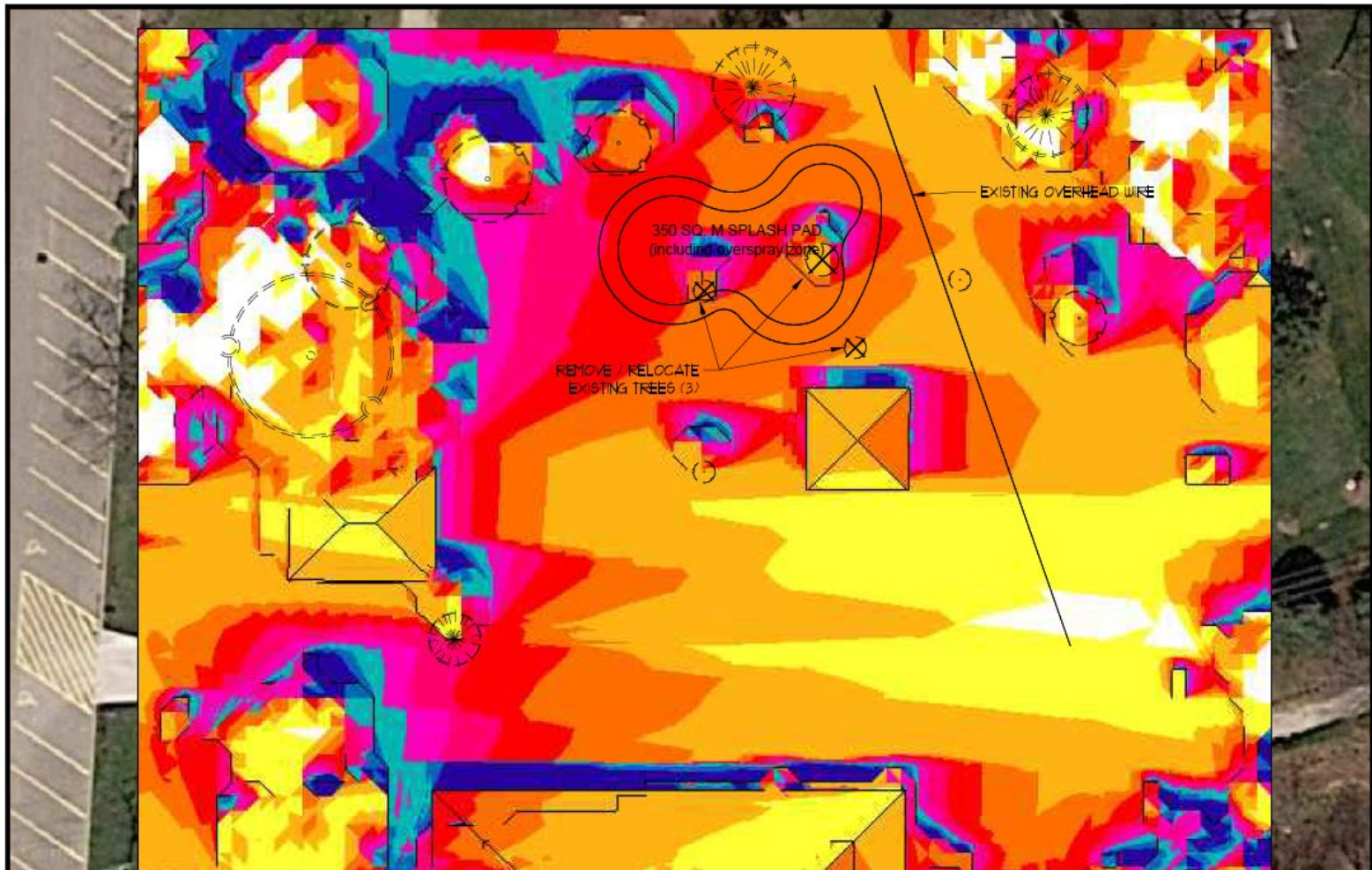
PROPOSED LOCATION







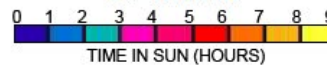




**RON KOUDYS
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TITLE:

LAKESIDE PARK
SPLASH PAD STUDY
SEPTEMBER



PROJECT NUMBER:

20-136

SCALE:

1:500

DRAWN BY: RKLA Inc.

DATE: MAY 11, 2020

DRAWING NUMBER:

5

BENEFITS

- Provides further functionality of park and recreational opportunities
- Compliments existing park features and amenities; no direct impact to existing recreational amenities
- Enhances park make-up suitable for all ages
- Mature tree's/plantings provide shade for parents, caregivers and children
- Accessible and adequate parking for residents
- Proposed location fits within the existing site features and the sun conditions

DRAWBACKS

- Potential issue (minor) with fish flies and/or sand flies
- Disturbance to existing landscape and vegetation (removal of tree's)
- Increased noise and activity may concern users of the pavilion
- Impacts to existing events from the required infrastructure
- Loss of approx. 10-15 days/per season due to hosting established events
- Potential for increased costs from additional site works (paving, tree extractions, servicing, washroom reconstruction)

FINANCIAL IMPACTS

Splash Pad: 220 sq. m (350 sq. m with overspray zone)

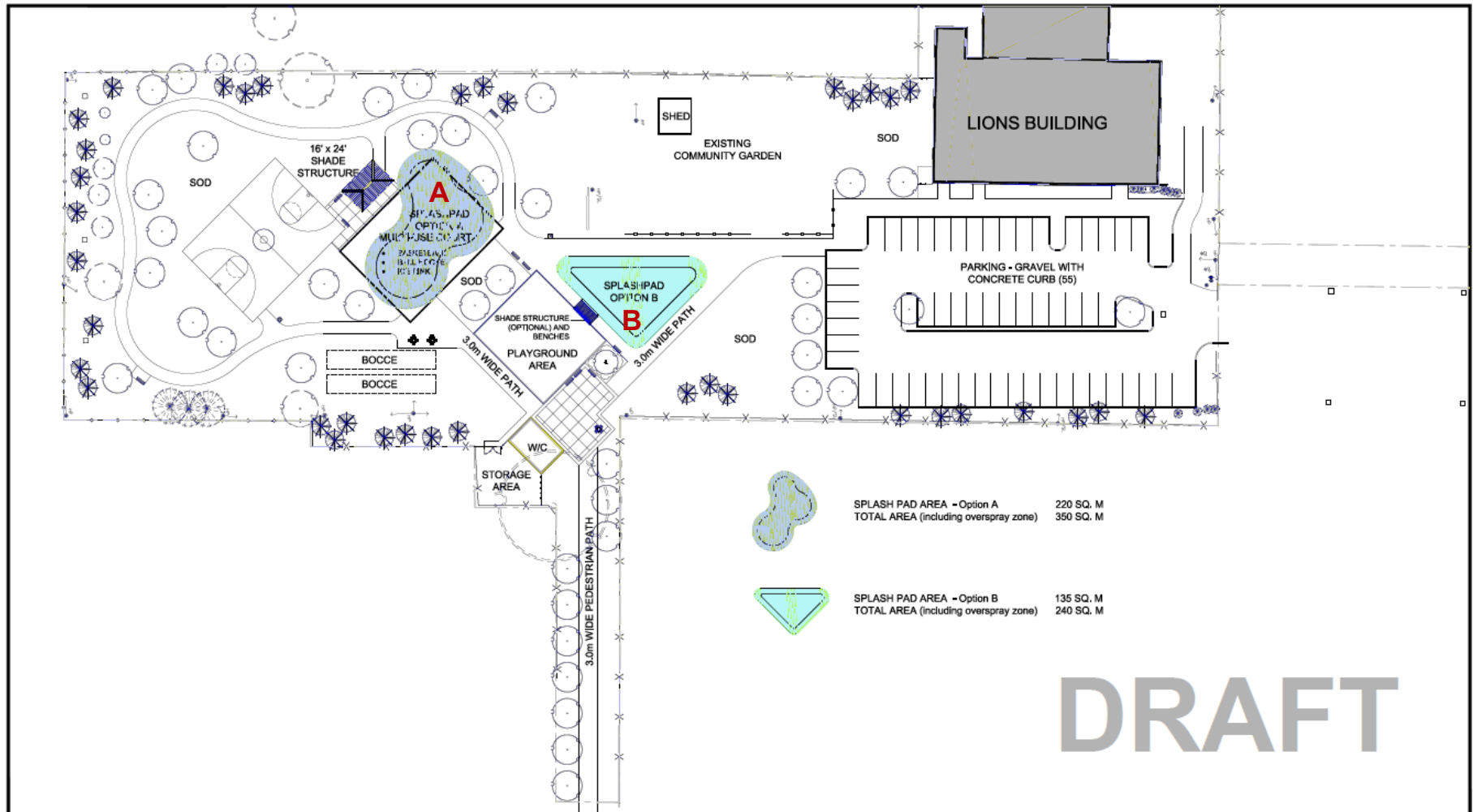
\$275,000

Reconstruction of Washroom Facility (including adequate change areas, housing of splash pad equipment)

\$300,000

TOTAL ESTIMATED COST

\$575,000



DRAFT

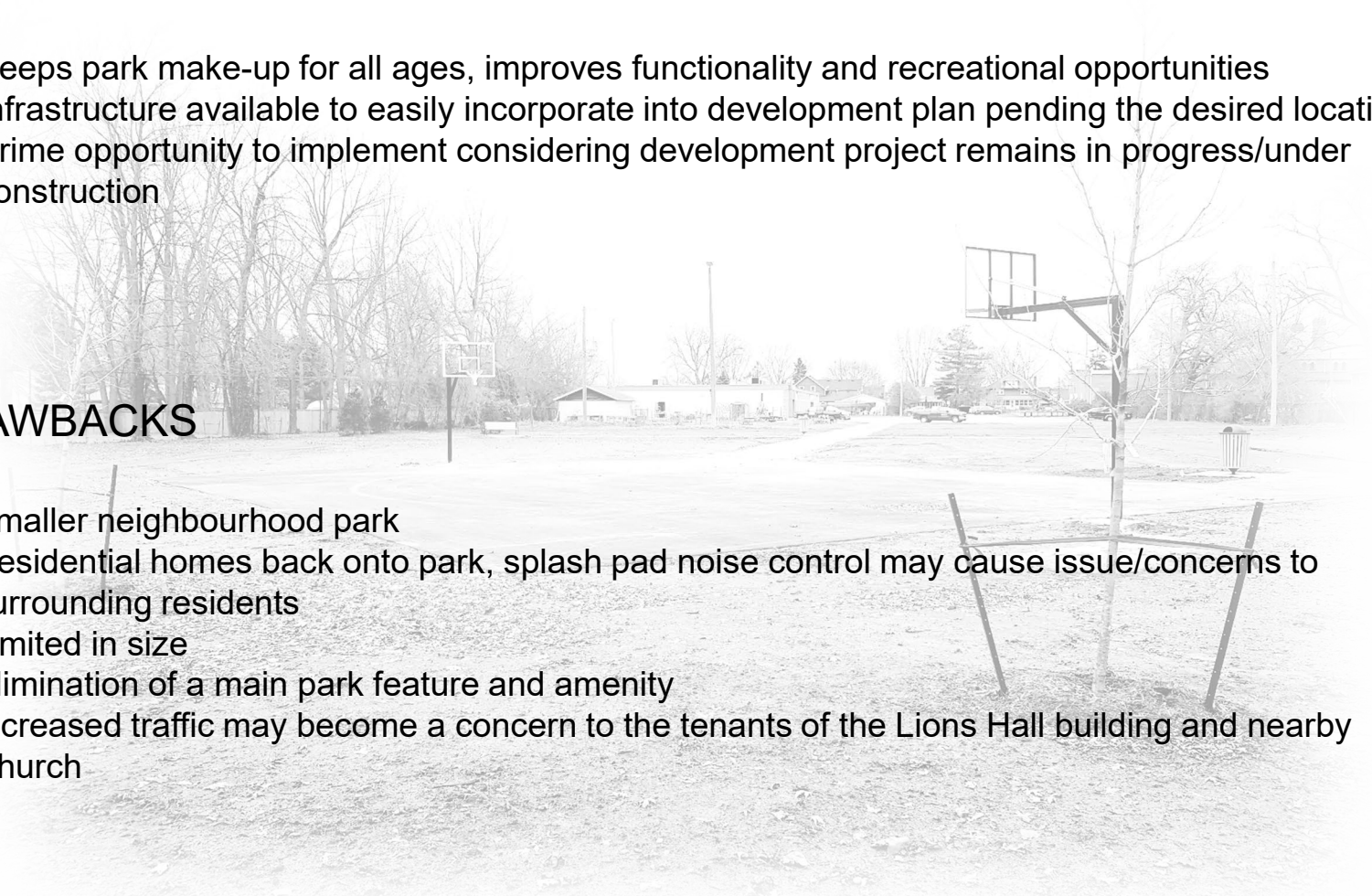


BENEFITS

- Keeps park make-up for all ages, improves functionality and recreational opportunities
- Infrastructure available to easily incorporate into development plan pending the desired location
- Prime opportunity to implement considering development project remains in progress/under construction

DRAWBACKS

- Smaller neighbourhood park
- Residential homes back onto park, splash pad noise control may cause issue/concerns to surrounding residents
- Limited in size
- Elimination of a main park feature and amenity
- Increased traffic may become a concern to the tenants of the Lions Hall building and nearby Church



FINANCIAL IMPACTS

LOCATION A

Splash Pad: 220 sq. m (350 sq. m with overspray zone)

\$275,000

Washroom Facility (including adequate change areas; housing of splash pad equipment)

\$300,000

LOCATION B

Splash Pad: 135 sq. m (240 sq. m with overspray zone)

\$200,000

Washroom Facility (including adequate change areas; housing of splash pad equipment)

\$300,000

PHASE 2 OF LIONS PARK DEVELOPMENT

Multi-Use Court / Shade Structure / Concrete Plaza & Paths

\$200,000

TOTAL ESTIMATED COST

\$700,000 - \$775,000

SUMMARY

A. Splash pad over Multi-use court

- Larger size (220 sq. meters),
- Distant from surrounding properties

Negatives:

Loss of court space; cost recovery of court removed from cost to install splash pad

Basketball court could be utilized and reformed into as a 'multi-purpose court'

B. Splash pad near Playground

- Moderate size (135 sq. meters)
- Closer proximity to location of washroom facility
- No loss of existing features

Negatives:

Additional costs; no cost recovery

Town of Kingsville

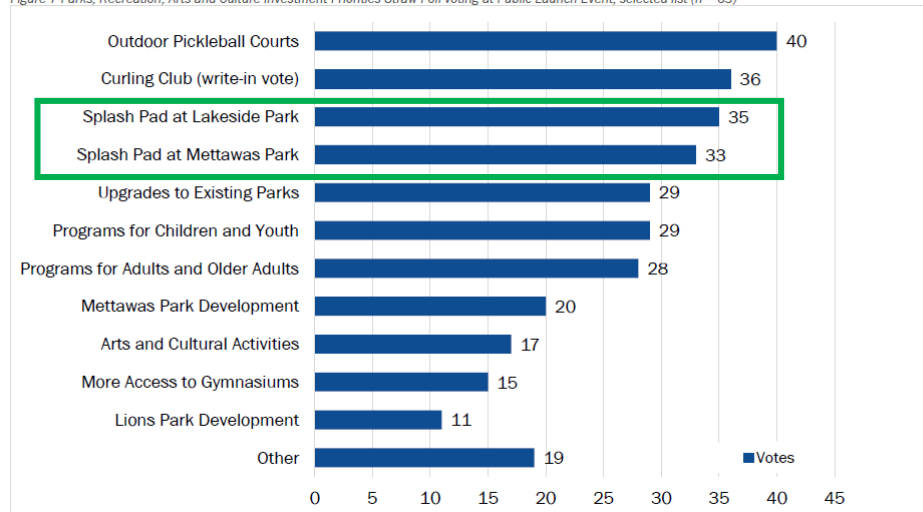
Parks, Recreation, Arts & Culture Master Plan

Recommendation & Actions

14. Update plans and identify funding sources for the renewal and development of community supported outdoor parks and recreation facilities.....
 - I) **SPLASH PADS:** Develop a splash pad and support building as part of the proposed development of Mettawas Park.

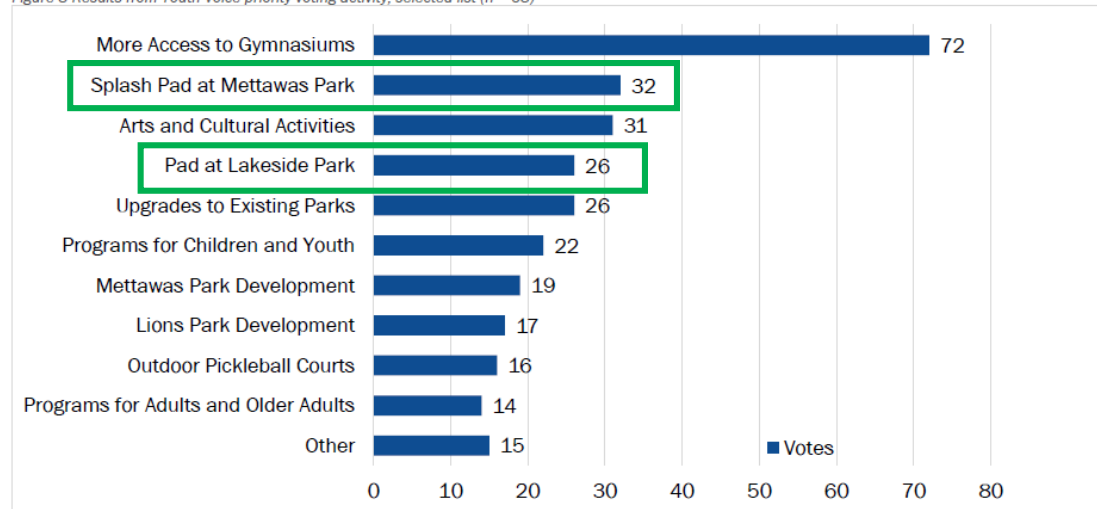
Straw Poll Priority Voting

Figure 7 Parks, Recreation, Arts and Culture Investment Priorities Straw Poll voting at Public Launch Event, selected list (n = 63)



4.3 Youth Voice

Figure 8 Results from Youth Voice priority voting activity, selected list (n = 58)



Splash Pads

The Master Plan survey revealed considerable support for the provision of splash pads, with 70% supporting additional spending for this facility type (ranking 9th out of 27 facility types). To serve urban Kingsville, another splash pad (and support building) is proposed for Mettawas Park (see Section 7.4) and it is recommended that the Town continue to move forward with these plans. While there was some discussion about relocating the planned splash pad to Lakeside Park, support was strongest for the Mettawas Park location as it will complement the beach uses and help support the park as a community destination. This project would improve the geographic distribution of splash pads throughout the municipality and address short and long-term needs.

Town of Kingsville – 2019 Parks, Recreation, Arts and Culture Master Plan

Recommendations & Actions	Priority	Timing			Master Plan Goals	Key Considerations
		2019 - 2022	2023 - 2026	2027+		
I) SPLASH PADS: Develop a splash pad and support building as part of the proposed development of Mettawas Park.	High	●			4	Cost Impact: Moderate