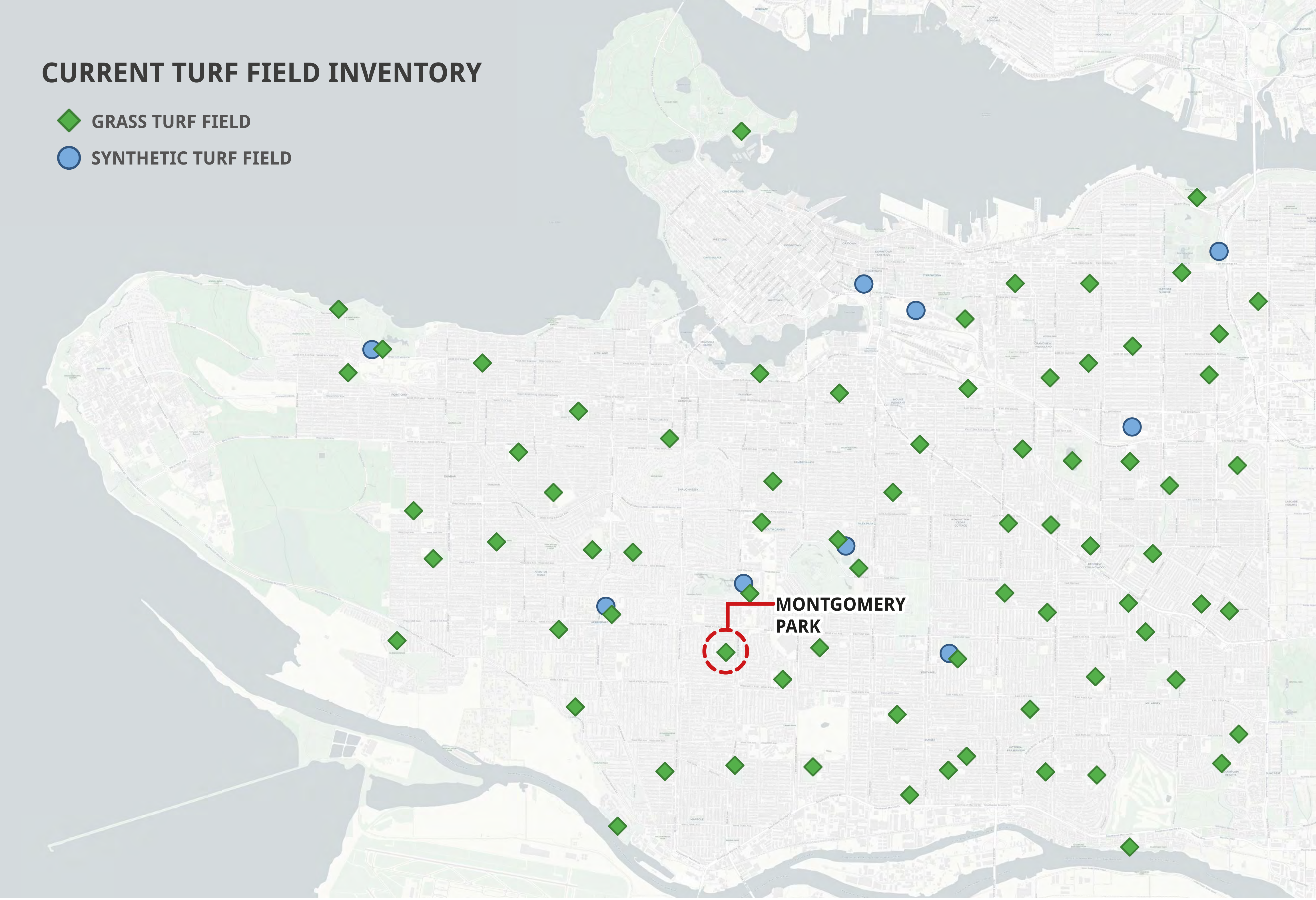


CURRENT TURF FIELD INVENTORY

- GRASS TURF FIELD
- SYNTHETIC TURF FIELD



PROJECT DETAILS

BACKGROUND

The Park Board maintains 130 natural grass fields for public or organizational booking, as well as 12 synthetic turf and 7 gravel fields. In 2018, the fields provided approximately 56,000 hours of bookings.

With population growth, higher density, changing demographics and the importance of exercise for healthy living, the use of existing fields and demand for new fields is increasing. To meet it, the Park Board is working to construct new grass and synthetic turf sport fields and upgrade existing fields to increase their capacity to accommodate a wider variety of sports and other uses.

GRASS FIELD RENEWAL PROGRAM

Over the last decade, the Park Board has invested in upgrades to grass fields across the city. To guide these efforts, the Park Board completed a city-wide assessment of existing turf facilities in 2016, identifying the type and condition of each field.

Based on this assessment, available funding, and substantial input from various stakeholders such as the Vancouver Field Sports Federation, the Park Board established a grass field renewal program.

The intent of the program is to upgrade select lower quality fields (categorized as 'B' or 'C') to 'A' level fields, increasing playing capacity by as much as 50%.

WHY MONTGOMERY PARK

Through a review of the field inventory, as well as consultation with user groups and stakeholders, the fields at Montgomery Park were identified as high priority for upgrades.

Montgomery Park is an active recreation space with natural grass fields which are used for informal soccer games and soft ball. The park is also:

- is an important public space with anticipated neighborhood growth
- is co-located with the school which will be benefited by additional playfield areas.
- offers a variety of amenities, including playgrounds, and a field-house.

Proposed upgrades will:

- increase accessibility to play areas
- increase availability for sport bookings as well as community activities and events.

* Available 2019-2020 Capital Plan budget is \$1.5 million.

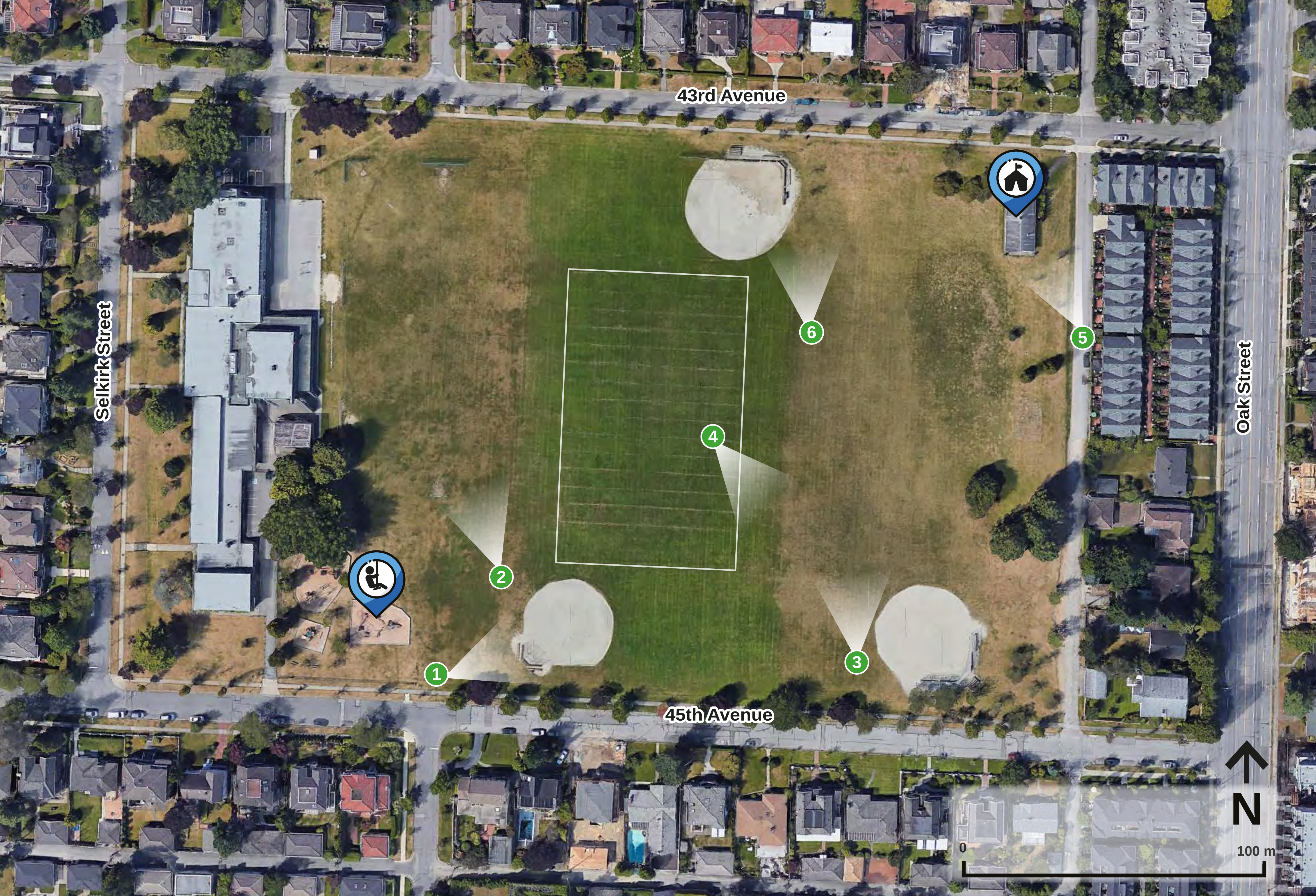


VISIT OUR WEBSITE

To learn more about the project and keep up to date with the latest news, please visit:
<https://vancouver.ca/montgomery-grass-fields>

TIMELINE





CURRENT CONDITIONS



1 FIELD (LOOKING EAST)



2 FIELD (LOOKING WEST)



3 FIELD (LOOKING NORTH)



4 FIELD (LOOKING SOUTH EAST)



5 FIELD HOUSE



6 FIELD NORTH

ISSUES

1 DRAINAGE

While the west half of the park has a subsurface drainage system for some sports, it offers limited usage in wet seasons. The east side of the park does not have any drainage system to support wet weather condition.

2 SURFACES & GRADES

Some areas are uneven which may impact playability and user safety. In addition, the steep slope near the field house prevents accessibility to different user group.

3 IRRIGATION

As can be seen in the image above, only the west half of the park is irrigated. This results in poor turf grass health and lack of uniformity on the other fields during the dry summer months. The irrigation system is also not as efficient as modern systems in conserving water.

PARK BOARD TURF GRADES



GRADE A

Highest quality turf grass with a focus on bookable games, with irrigation, drainage, and a high level of grooming.

GRADE B

Turf grass with some irrigation and drainage, used predominantly for practice and lower level of play.

GRADE C

Lowest quality turf grass, without drainage or irrigation systems and maintained less frequently.



CONCEPTUAL DESIGN

DESIGN ELEMENTS & IMPROVEMENTS



UPGRADED FACILITIES

New backstop fencing and dugouts for the new ball diamonds will improve the comfort and safety for players, spectators and neighbours.



INCREASED CAPACITY FOR EVENTS

The expanded field size, better drainage and more resilient turf accommodate more visitors during informal gatherings such as kite flying and other school/community event opportunities.



FLEXIBLE FIELD LAYOUTS

The upgraded fields offer greater flexibility in the types of sports that can be played. Table below provides the combination sport field sizes that are possible:

Field Configurations	Existing	New	Total
Full Size Soccer 100 m x 64 m	1	1	2
U12 Mini Soccer 64m x 50 m	3	1	4
Slo-pitch 79.5m (260')	3	1	4
Ultimate Frisbee 110m x 37 m	1	0	1



REDUCED WATER CONSUMPTION

New irrigation system on all three fields promotes healthier and more resilient turf grass while reducing overall water consumption.



EFFICIENT MAINTENANCE

Drainage improvements and re-grading help keep fields dry and easier to maintain. New drainage system also allows water to infiltrate in place and reduces demand on city's storm system.