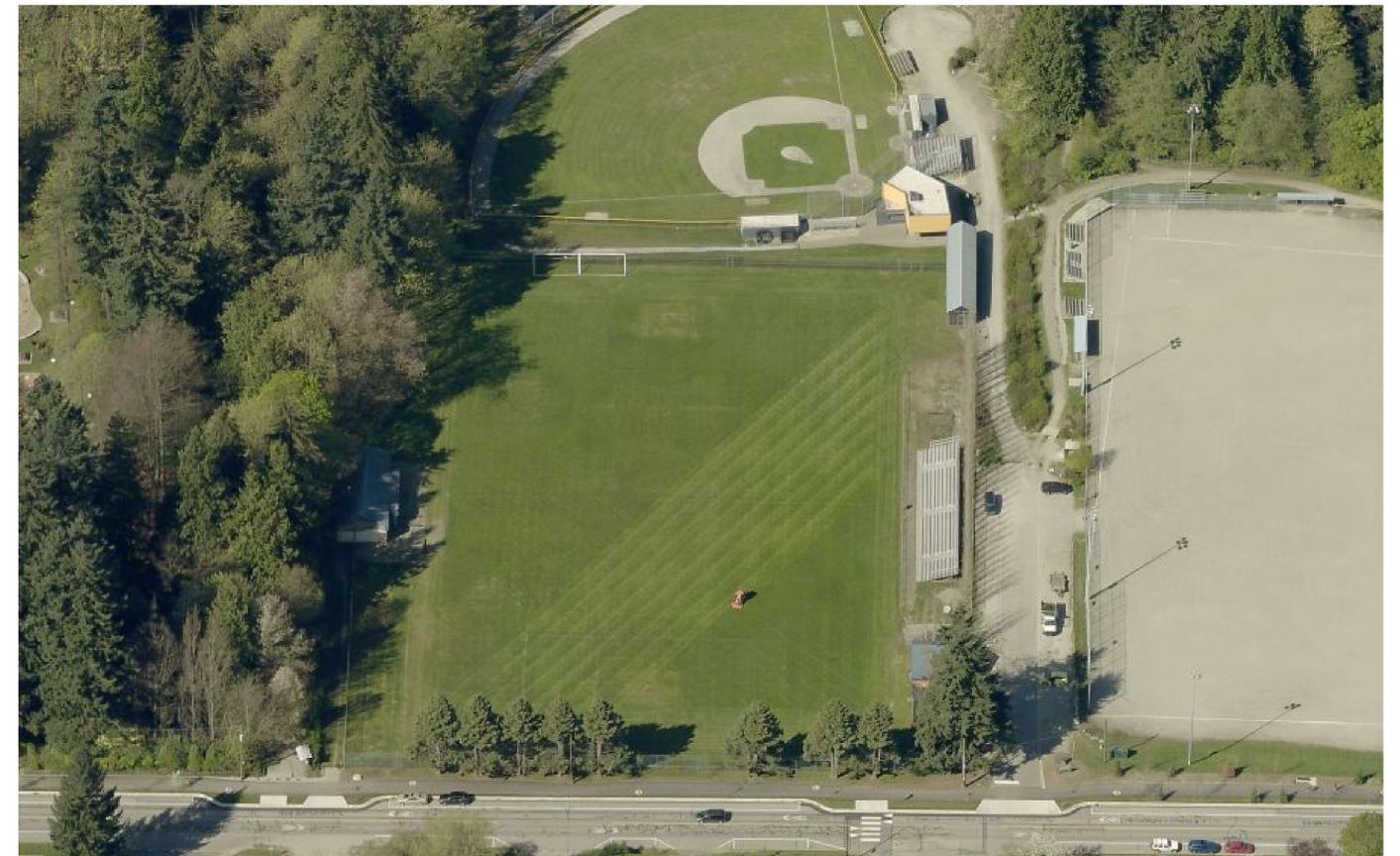


Welcome to the Mahon Park Artificial Turf Sports Field Open House #1

Tonight we'd like to gather input regarding the upcoming development of a multi-purpose artificial turf field with sports field lighting at Mahon Park



FEN BURDETT SITE



KINSMEN SOUTH SITE

Mahon Park

ESTABLISHING A NEED

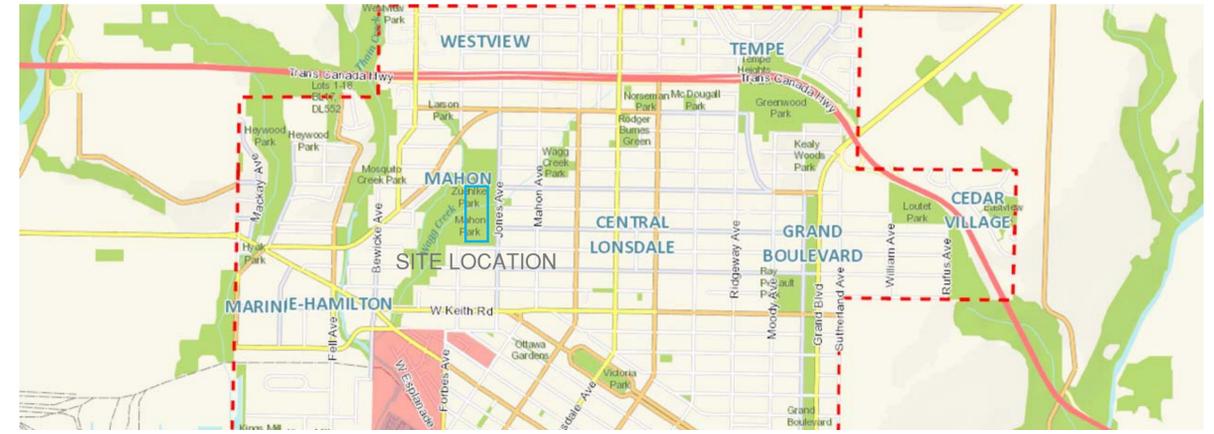
WHY MAHON PARK?

In 2004 the City prepared an inventory and assessment of potential fields that could be upgraded to artificial turf. The following criteria were examined:

- Field Space + Size
- Preliminary Geotechnical Feasibility
- Current Scheduled (Formal) Use
- Current Informal Use
- Neighbourhood Impact
- Parking Capacity
- Alternative Transportation Options

Sutherland Secondary School was selected for the upgrade, and the field was constructed in 2008. Since that time, there has been an increasing demand for access to quality sports fields, and the 2010 Parks Master Plan recommended the addition of a third artificial turf in the City.

In 2012, the City updated the 2004 site assessment, and Council directed staff to focus on Kinsmen Gravel, Kinsmen Grass, and Fen Burdett as potential artificial turf fields. These sites were prioritized as they ranked highly in the 2004 assessment, and together with Confederation Field, provided the potential for a multi-field tournament site. Following the Geotechnical Feasibility study of these three fields, Kinsmen Gravel Field was ruled out, due to inferior subsurface conditions.



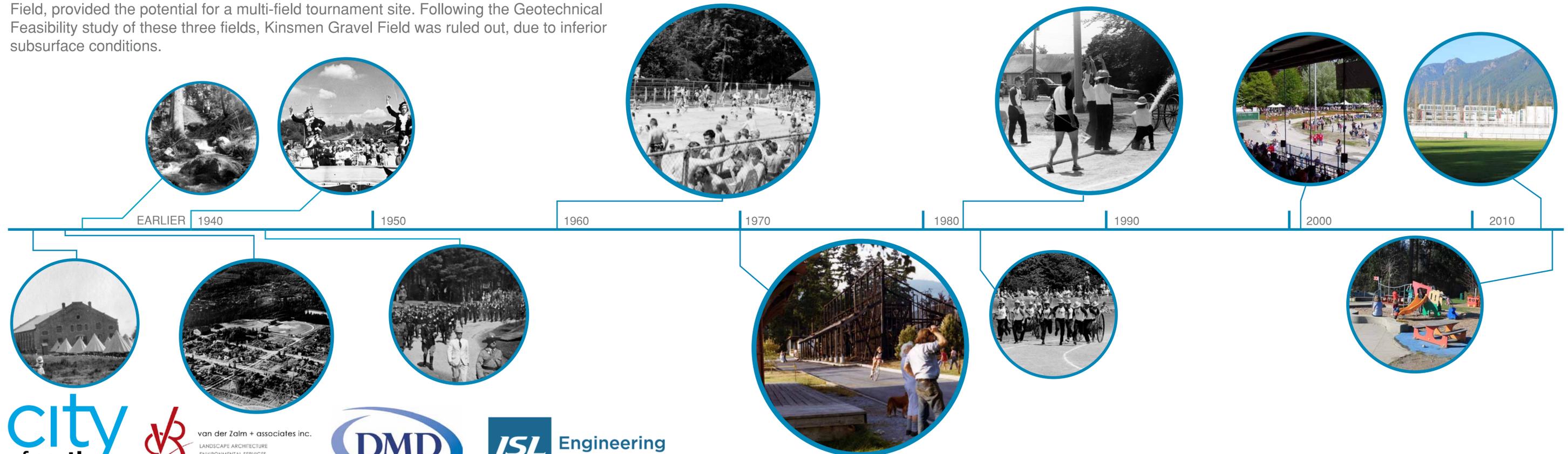
SITE LOCATION



MAHON PARK HISTORY

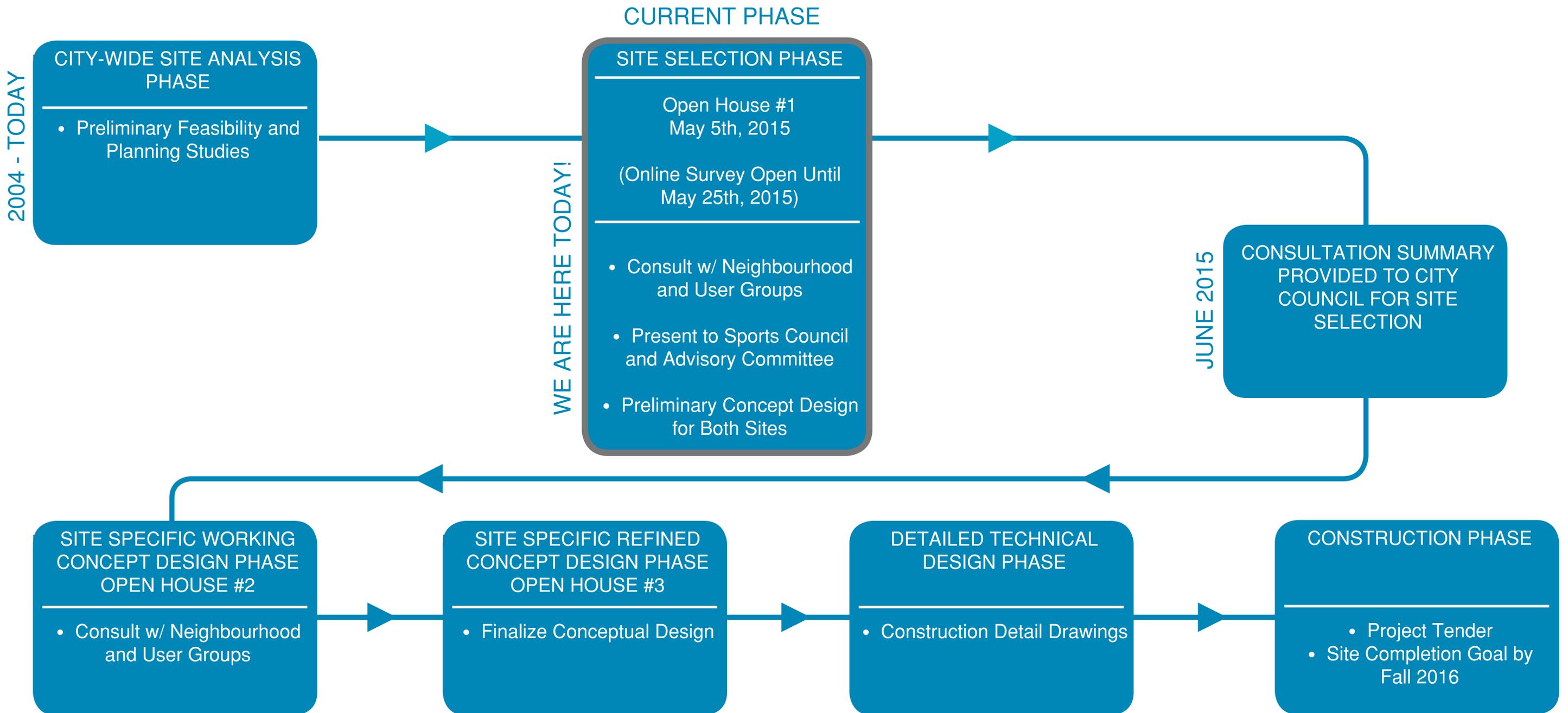
The 40 acre site of Mahon Park was sold by the North Vancouver Land and Improvement Company to the City in 1910. The park opened in 1914 with a dance pavilion and a track with a large grandstand that seated a thousand people. Since its opening the park has had a rich history of civic events including the Hose Reel Race, parades, Hot Summer Nights, and many other events held dear by the community.

Today, the park is an important amenity in the City, offering a number of different sports fields, picnic areas, spraypark and playground. The City's ravine trail system links these amenities with the forested ravine system that provides important habitat for the fish-bearing Wagg and Mission Creeks that flow through its heart.



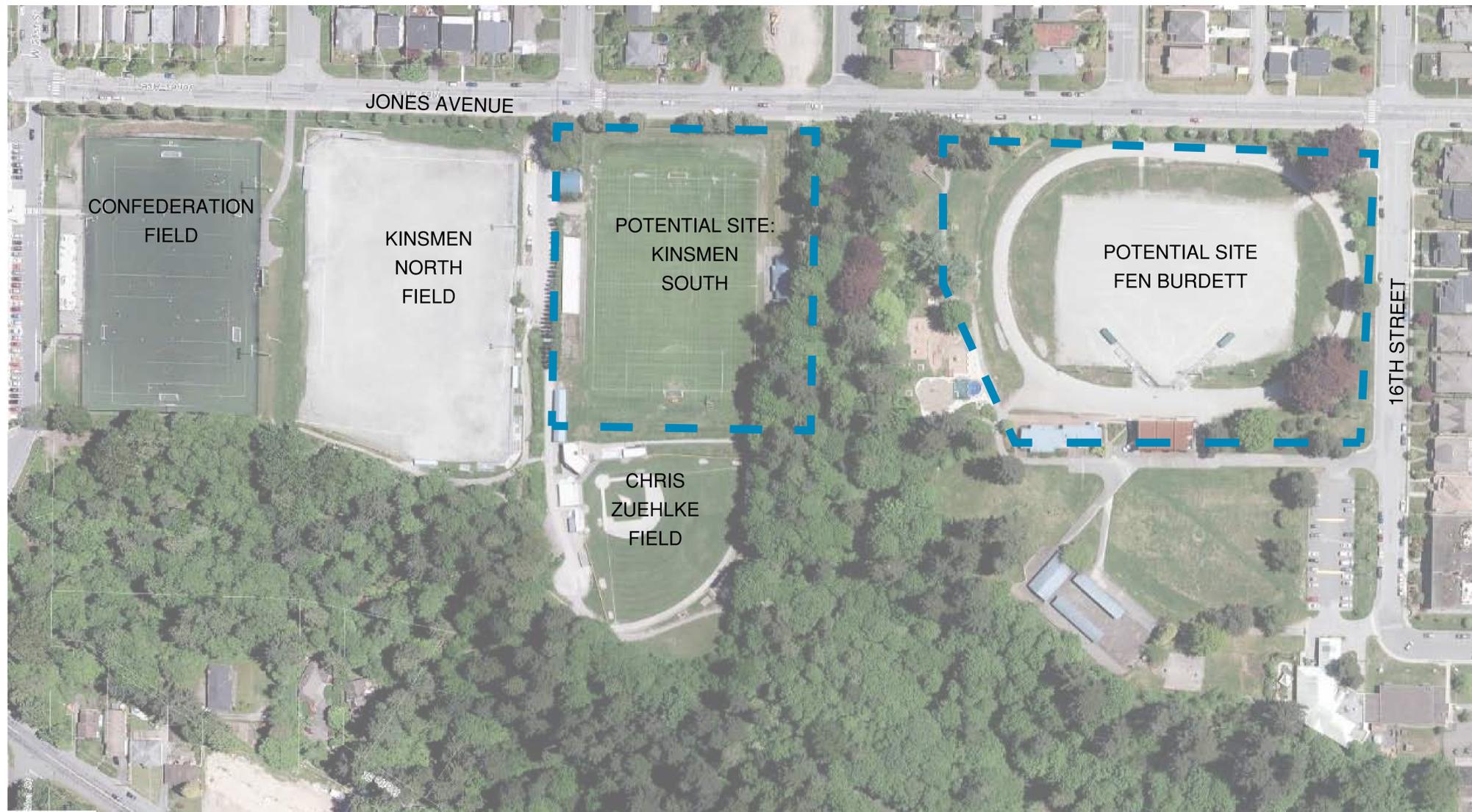
Mahon Park

PROJECT TIMELINE



Mahon Park

EXISTING CONDITIONS



SITE CONTEXT



CURRENT SITE IMAGERY

Mahon Park

SITE INVENTORY

LEGEND:

- | | | | |
|-------------------------------------|---|------------------------------------|--|
| 1 Mahon Park Childcare Centre | 7 Playground and Splash Park To be retained | 13 Bleachers | 19 Kinsmen North Gravel |
| 2 Parking Area Est. 39 stalls | 8 Public Art Piece To be retained | 14 Existing Parking Est. Stalls 30 | 20 Confederation Field |
| 3 Horseshoe Club | 9 Green Necklace to remain | 15 Washroom Building | 21 Chris Zeuhlke Field |
| 4 Grand Stand | 10 Wagg Creek Ravine | 16 Existing Bio-swale | 22 Existing Trees |
| 5 Softball Backstop To be relocated | 11 Existing Change Room | 17 Overflow parking Est. stalls 30 | 23 Fen Burdett Field |
| 6 Gravel Track | 12 Kinsmen South Field | 18 Trailhead for Mahon Park | 24 Carson Graham Secondary School Est. 41 Stalls |



Environmental
This site includes the Wagg Creek and Mission Creek Watershed. Neither watershed will be negatively affected by future construction. Existing trees on Fen Burdett site will be retained and any existing street trees will be retained as necessary.



Vehicle Circulation
Both sites are located on the collector road of Jones Avenue. Adjacent off-street and on-street parking locations have been delineated to indicate proximity and possible parking opportunities.



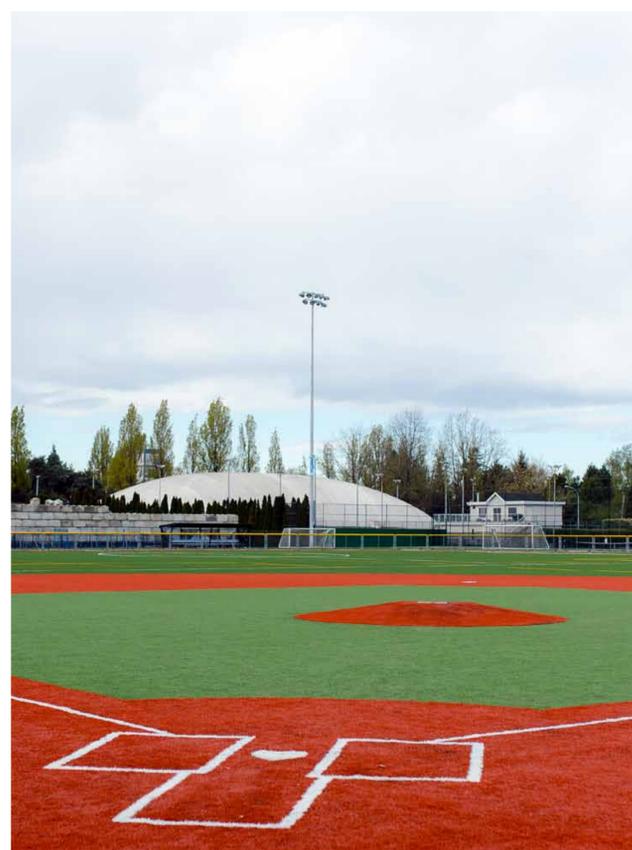
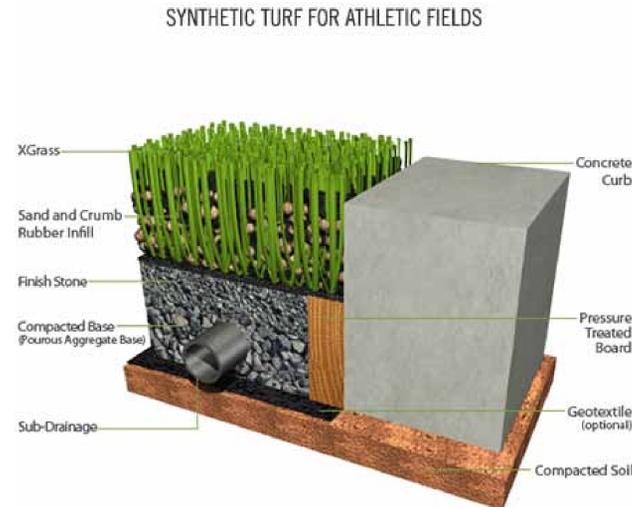
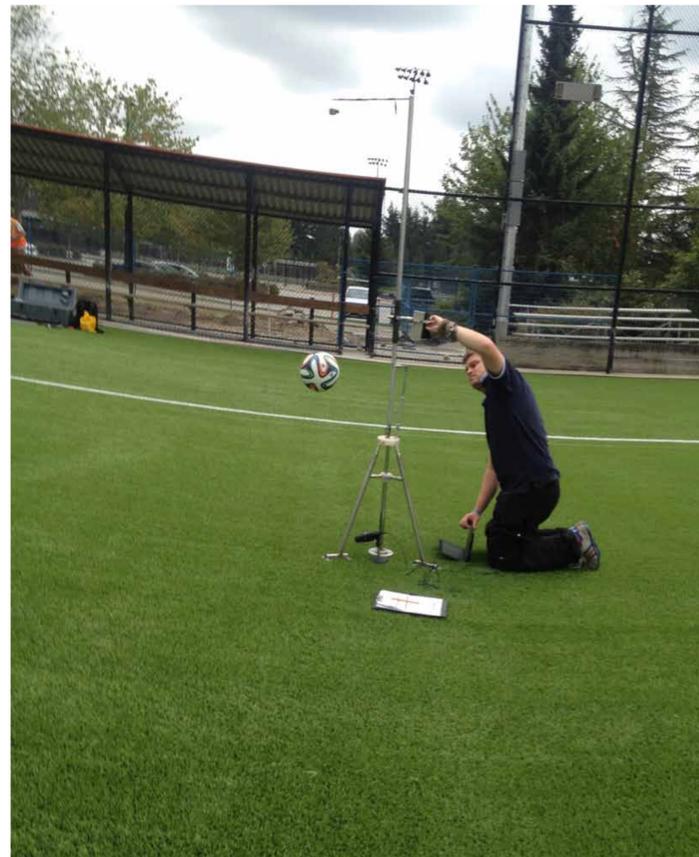
Pedestrian and Bicycle Circulation
The Mahon Park sits at the intersection of many of the City of North Vancouver's main pedestrian and cycling trails. The community track also provides a walking path and area for strollers and children learning to ride bicycles.

ARTIFICIAL TURF

GENERAL INFORMATION

WHY ARTIFICIAL TURF?

In recent years artificial turf fields have become much more prevalent in municipalities throughout the Lower Mainland. This increase in ATF facilities stems mostly from growing user groups, increased play times, maintenance requirements of turf fields, and limited space for sport field surfaces. In order to maintain a safe playing condition, grass fields can only support a limited number of usage hours per year. This is a significant challenge in North Vancouver given the high annual rainfall. Artificial turf fields provide a safe, uniform surface for a variety of sports including field hockey, soccer, lacrosse, softball, baseball, football, and cricket.



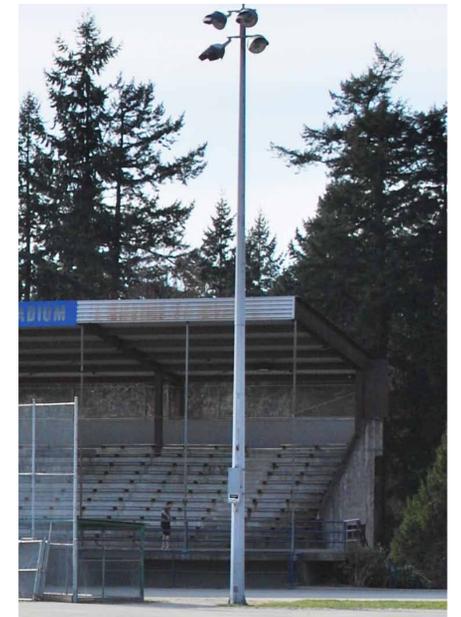
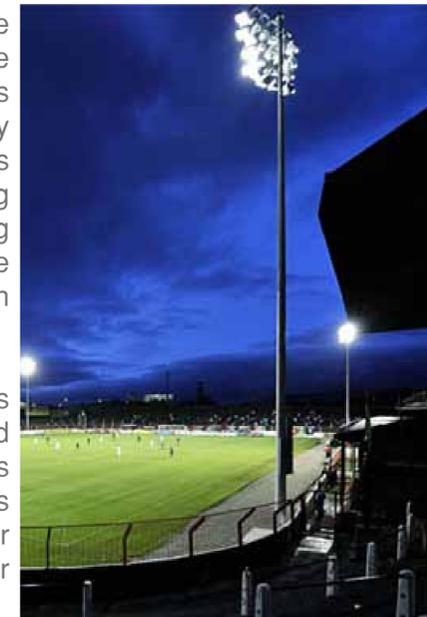
LIGHTING

Lighting is a key element of artificial turf sports fields.

For the sports player and spectator at the field, it's important that the lighting covers the field evenly for safety of the players, is the correct intensity of light, and that the glare is not affecting the ability to see clearly. For the neighbourhood surrounding the lit park. It's imperative that the lighting is concentrated on the field and the glare and light spill are minimized, as this could have adverse effects for the residents and for the environment.

Currently, Fen Burdett has field lighting in place, though it will require updating the lights to current technology and a possible redesign of the light pole locations, if it is the final location. There is not currently any lighting at Kinsmen Grass field. As lighting is a necessity for an artificial turf field, a lighting design and installation of lights incorporating the current technology will be required for the development of this field, if it is the chosen location.

The newest generation of lighting uses technology that reduces spill and glare, and accurately measures the optimal locations and intensity of lights. Light pole locations are carefully considered to ensure proper integration with the site and safe access for maintenance.



Current Fen Burdett Field Lighting System