CONWAY FIELD AND PLAYGROUND RENOVATION COMMUNITY MEETING

NOVEMBER 17TH, 2020 | 6PM - 7:30PM

NOVEMBER 17th, 2020
CITY OF SOMERVILLE

Weston & Sampson SM
design studio

INTRODUCTIONS

PROJECT TEAM

Luisa Oliveira, Director
City of Somerville, Public Space and Urban Forestry

Andrew Louw, Public Space Planner
City of Somerville, Public Space and Urban Forestry

Jill Lathan, Director of Parks & Recreation
City of Somerville

Ben Waldrip, Operations Director
City of Somerville

Brandon Kunkel, RLA, Team Leader
Weston & Sampson

Savy Kep, Landscape Designer
Weston & Sampson

AGENDA

INTRODUCTIONS | Project Team

PROJECT UPDATES | Public Meetings to Date | General Project Updates

EXISTING CONDITIONS | Existing Site | Field Use | Existing Trees

PROPOSED SITE PLAN | Proposed Trees | Proposed Tree Species
- SYNTHETIC TURF SYSTEM
- SPORTS LIGHTING

SITE AMENITIES | Splash Pad

SCOPE OF ADDITIONAL IMPROVEMENTS
- PLAYGROUND IMPROVEMENTS
- BASKETBALL COURTS

PROJECT SCHEDULE

Q&A

PUBLIC MEETINGS TO DATE:

March 29th, 2018 - Information Session
December 5th 2018 - Information Session
May 29th, 2019 - Information Session
December 16th, 2019 - Information Session
November 17th, 2020 - TODAY

NEXT PUBLIC MEETING:

EARLY SPRING 2021, Community Safety Meeting

Posted in: local newspapers, social media, cable wheel, City calendar, City Council, Portuguese, Spanish, and Haitian Kreyol liaisons

www.somervillema.gov/conwayfield

AUGUST 26TH, 2020	AOC effective date
OCTOBER 2020	Remediation Work Plans in review by EPA
OCTOBER 22ND, 2020	City Council approved remediation and construction funding
NOVEMBER, 2020	Sampling plan approved & pre-characterization sampling underway
WINTER 2021	Project out to bid
EARLY SPRING 2021	Community Safety Meeting
SPRING 2021	Earliest Anticipated Start Date

GENERAL PROJECT UPDATES

CONWAY PARK

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EXISTING SITE

CONWAY PARK

0 40 80 120

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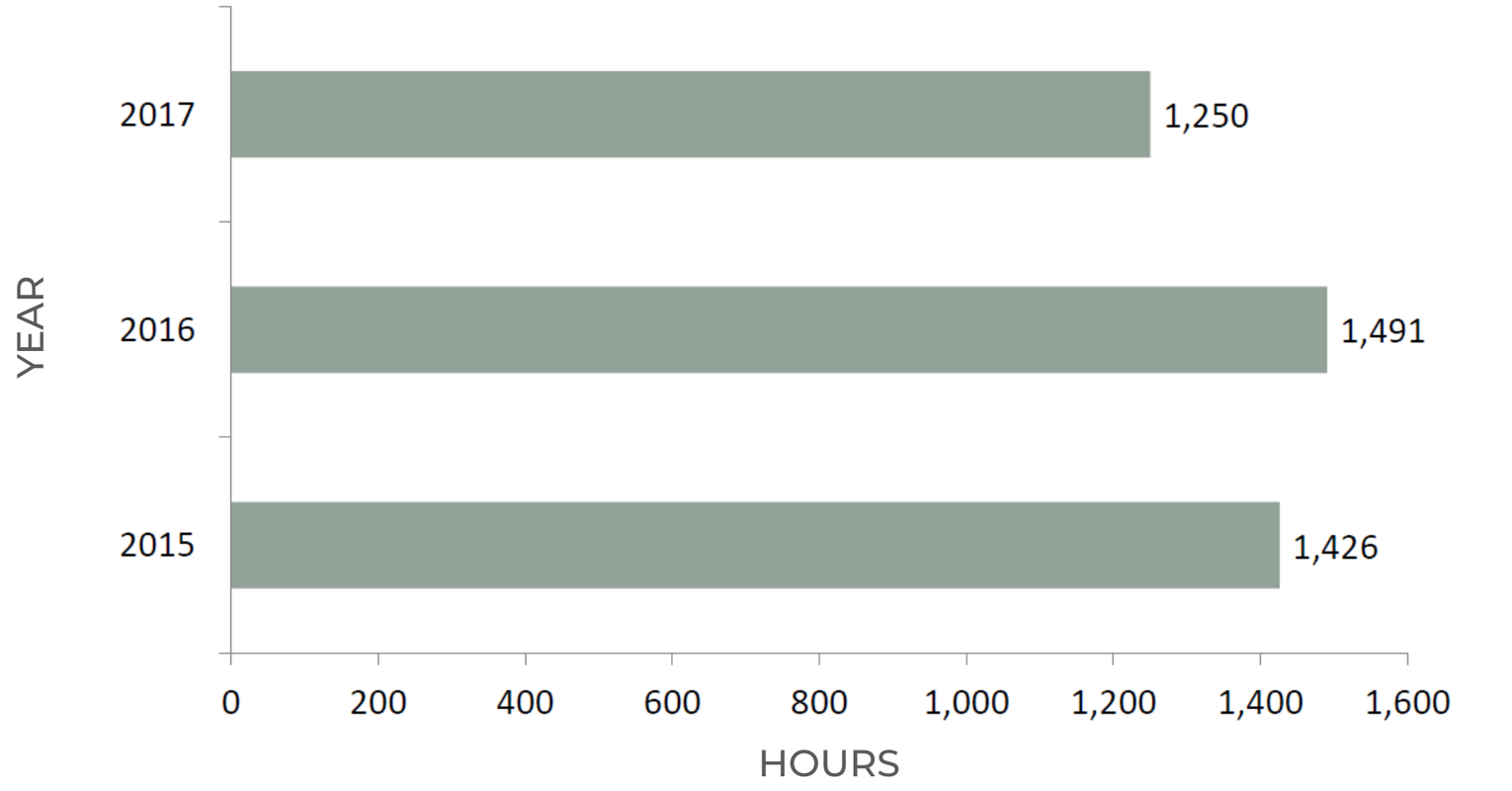
USES TODAY:

- Playground & Splash pad
- Multi-purpose natural grass field
  - 2x little league diamonds
  - 1x U12 (M) field
  - Uses: soccer, football, ultimate frisbee, little league baseball, softball, kickball

FIELD HOUR OF USE:



CURRENT USAGE

CONWAY PARK

PROPOSED SITE PLAN

CONWAY PARK

0 20 40 60

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DEPARTMENT OF CONSERVATION
VETERANS MEMORIAL RINK

SUPPORT BUILDING

MBTA CORRIDOR

PLAYGROUND

SOMERVILLE AVENUE

SPLASH PAD

WALGREEN'S

TOTAL EXISTING TREES: 59
FIELD: 35
SPLASH PAD: 12
PLAYGROUND: 12

TOTAL TREE REMOVAL: 47
FIELD: 35
SPLASH PAD: 12

EXISTING TREE - REMOVE

EXISTING TREE STUMP - REMOVE

EXISTING TREE TO REMAIN

0 20 40 60

EXISTING TREES

CONWAY PARK

MUNICIPAL FREEDOM GIVES NATIONAL STRENGTH
SOMERVILLE, MASS.

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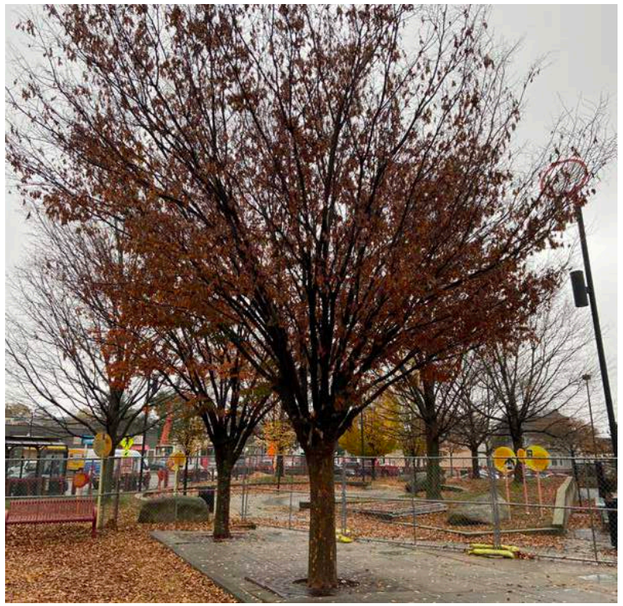
Sugar Maple
Acer saccharum

Austrian Pine
Pinus nigra

Red Maple
Acer rubrum

Hornbeam
Carpinus betulus

Cherry/plum
Prunus spp.



Japanese Zelkova
Zelkova serrata

Pin Oak
Quercus palustris

NOTES:

- 2x TREE STUMPS IN SPLASH PAD NEED REMOVAL
- 1x TREE STUMP IN FIELD NEED REMOVAL
- # OF SPECIES TO REMOVE:
  - 16x RED MAPLES
  - 19x PIN OAKS
  - 5x SUGAR MAPLES
  - 4x HORNBEAMS
  - 2x ZELKOVAS
  - 1x CHERRY/PLUM
- ZELKOVAS IN PLAYGROUND WILL REMAIN

EXISTING TREE SPECIES
CONWAY PARK

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TOTAL PROPOSED TREES: 62
FIELD: 39 SHADE TREES
SPLASH PAD: 17 SHADE TREES & 6 COLUMNAR ORNAMENTAL TREES

TOTAL NET GAIN: 15
FIELD: 4
SPLASH PAD: 11

0 20 40 60

PROPOSED TREES

CONWAY PARK

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Basswood
Tilia americana

Tupelo
Nyssa sylvatica

Pin Oak
Quercus palustris

Gray Birch
Betula populifolia

River Birch
Betula nigra

Sweet Birch
Betula lenta

UNDERSTORY NATIVE POLLINATOR PLANT LIST:

Common Yarrow
Achillea millefolium

Little Bluestem
Schizachyrium scoparium

Butterfly Milkweed
Asclepias tuberosa

Bush Honeysuckle
Diervilla lonicera

NOTE:
- TREES APPROVED BY SOMERVILLE'S URBAN FORESTRY DIVISION

PROPOSED TREE SPECIES
CONWAY PARK

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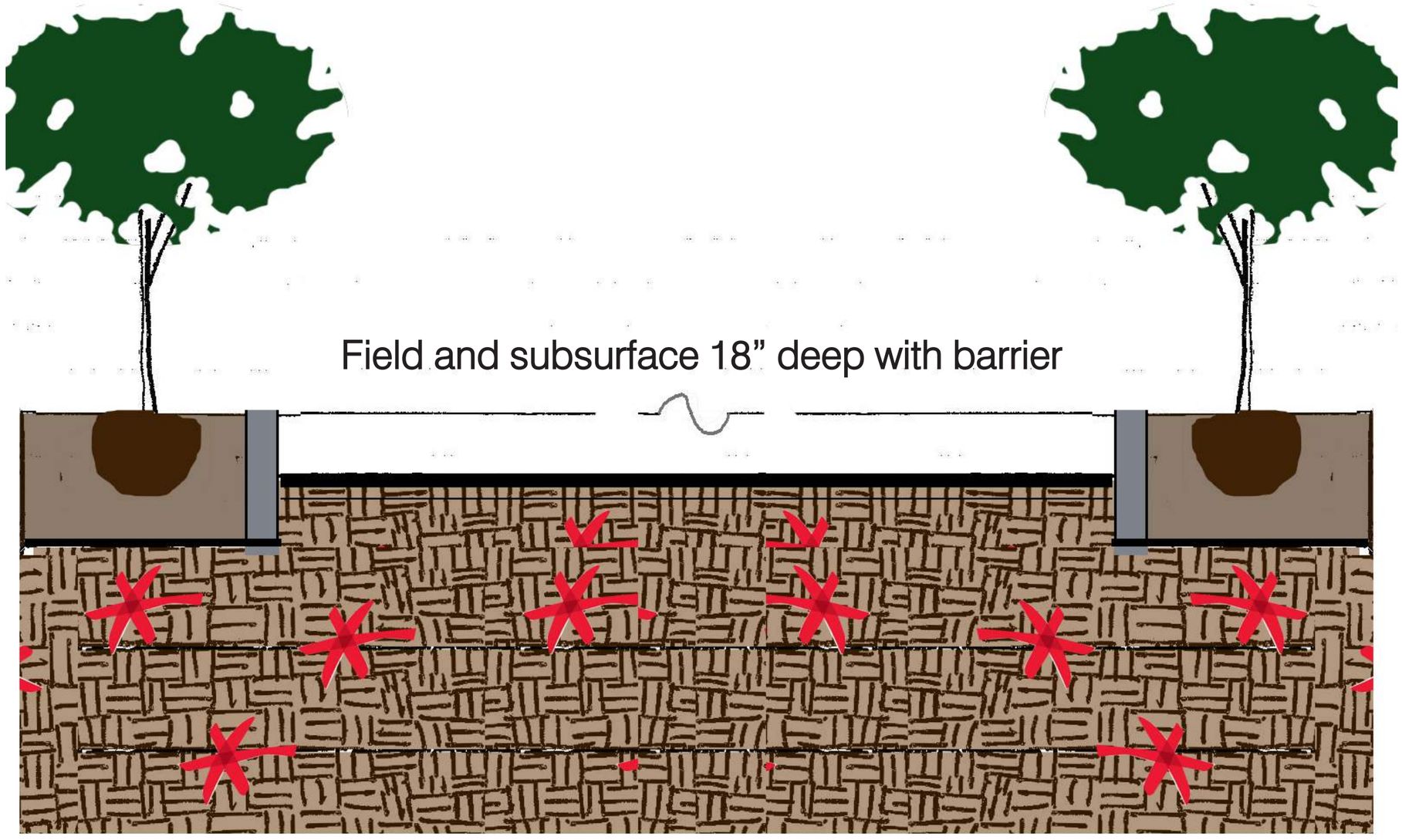
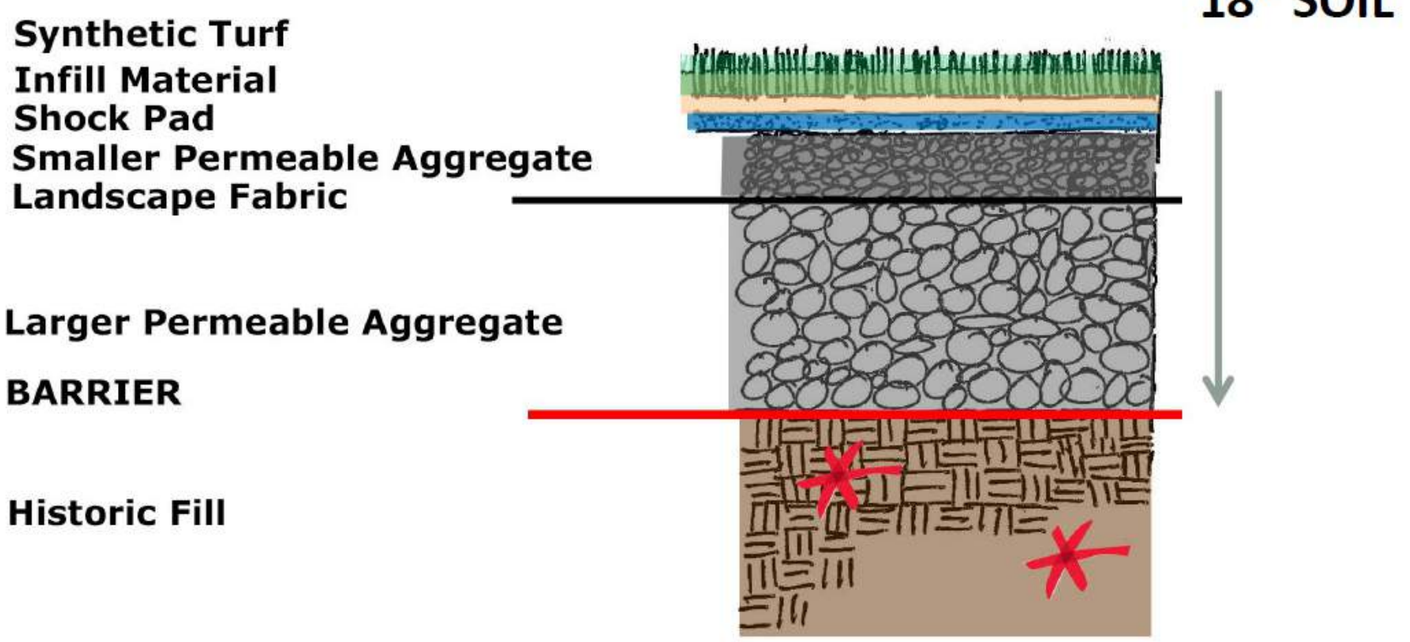
Tree Strip
8-12’wide , 3’ deep with barrier



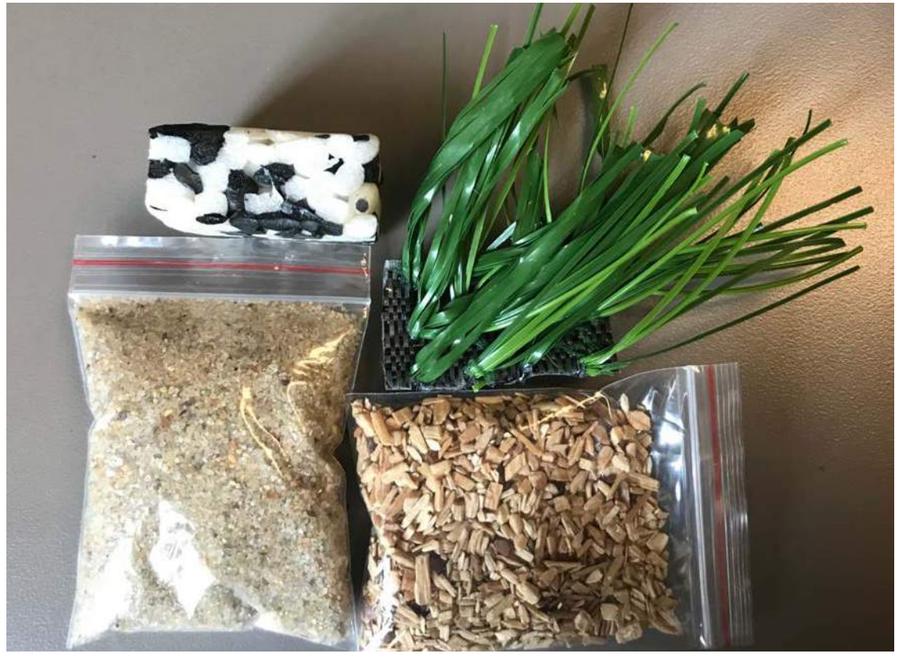
CONWAY PARK

DETAIL



LAYERS OF FIELD SYSTEM

MATERIALS



SYNTHETIC TURF SYSTEM

CONWAY PARK

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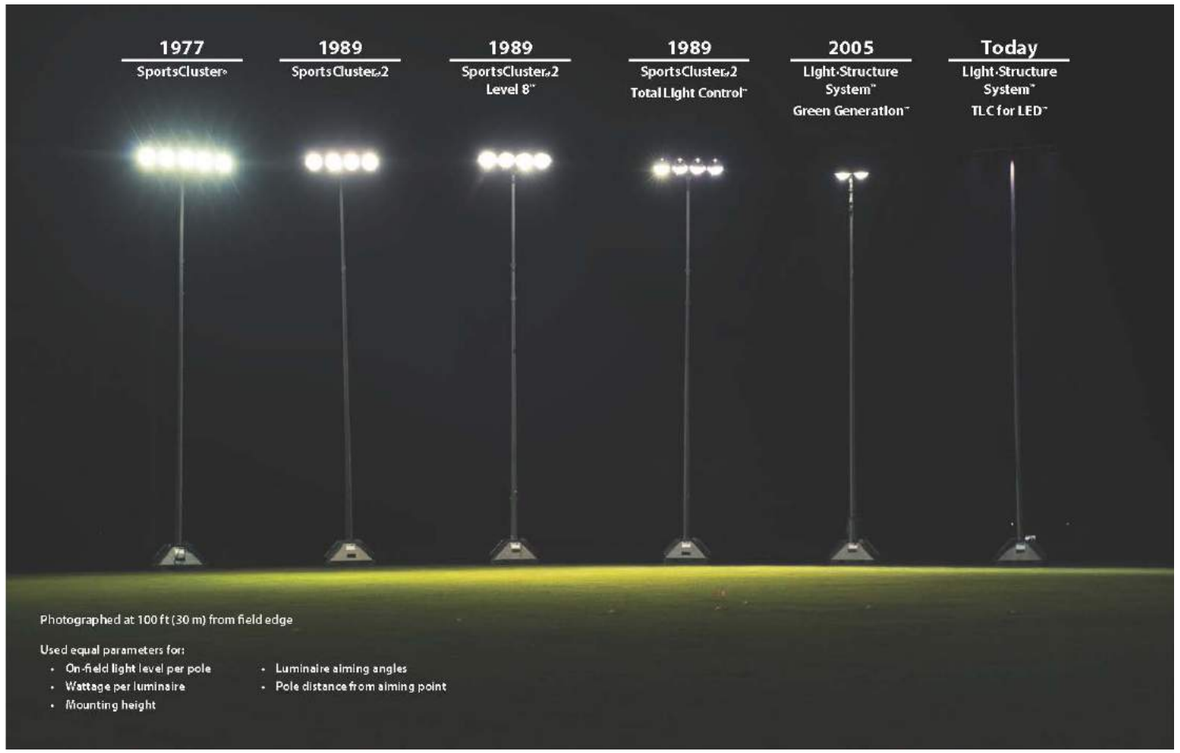
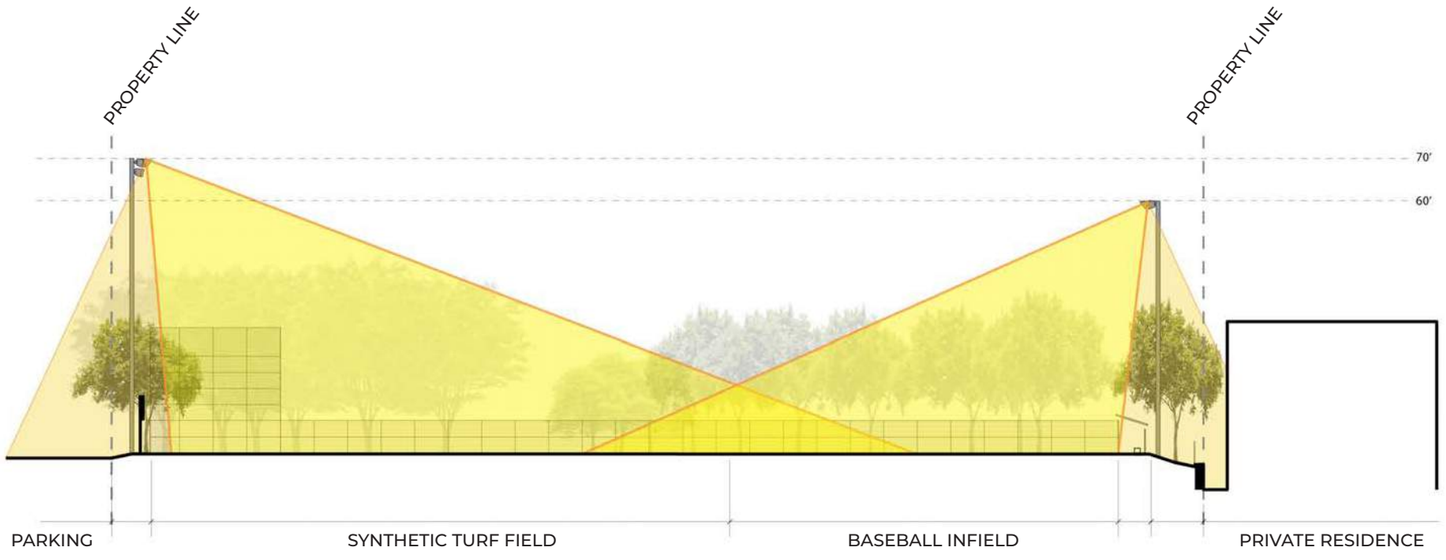
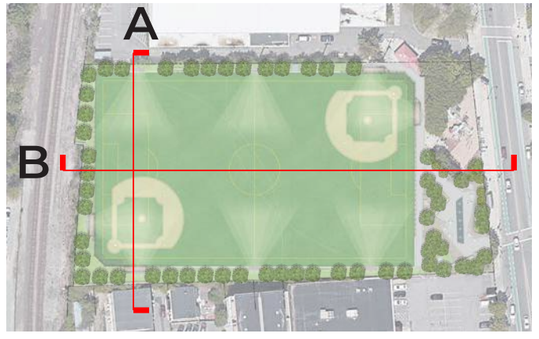


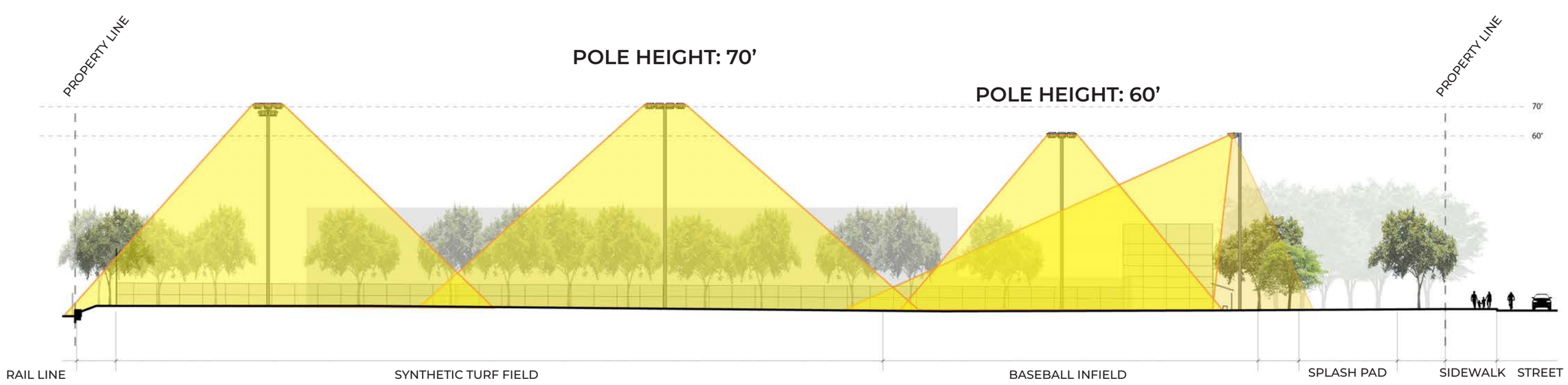
LIGHTING – TECHNOLOGICAL IMPROVEMENTS

WALPOLE, MA



SECTION A





SECTION B

NOTE:

- LIGHTING AT EDGE OF FIELD WILL FEEL SIMILAR TO STREET LIGHTING

SPORTS LIGHTING

CONWAY PARK

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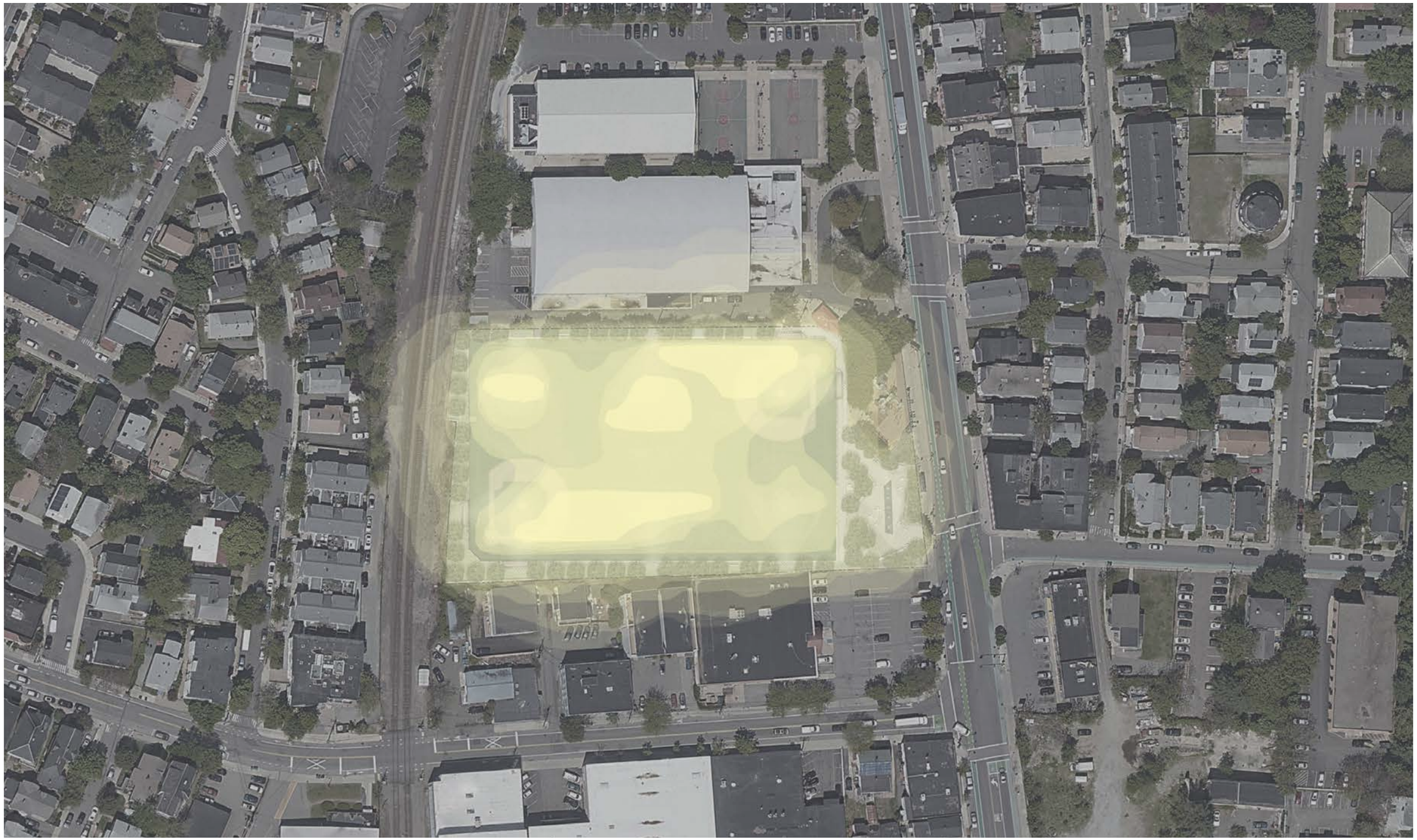
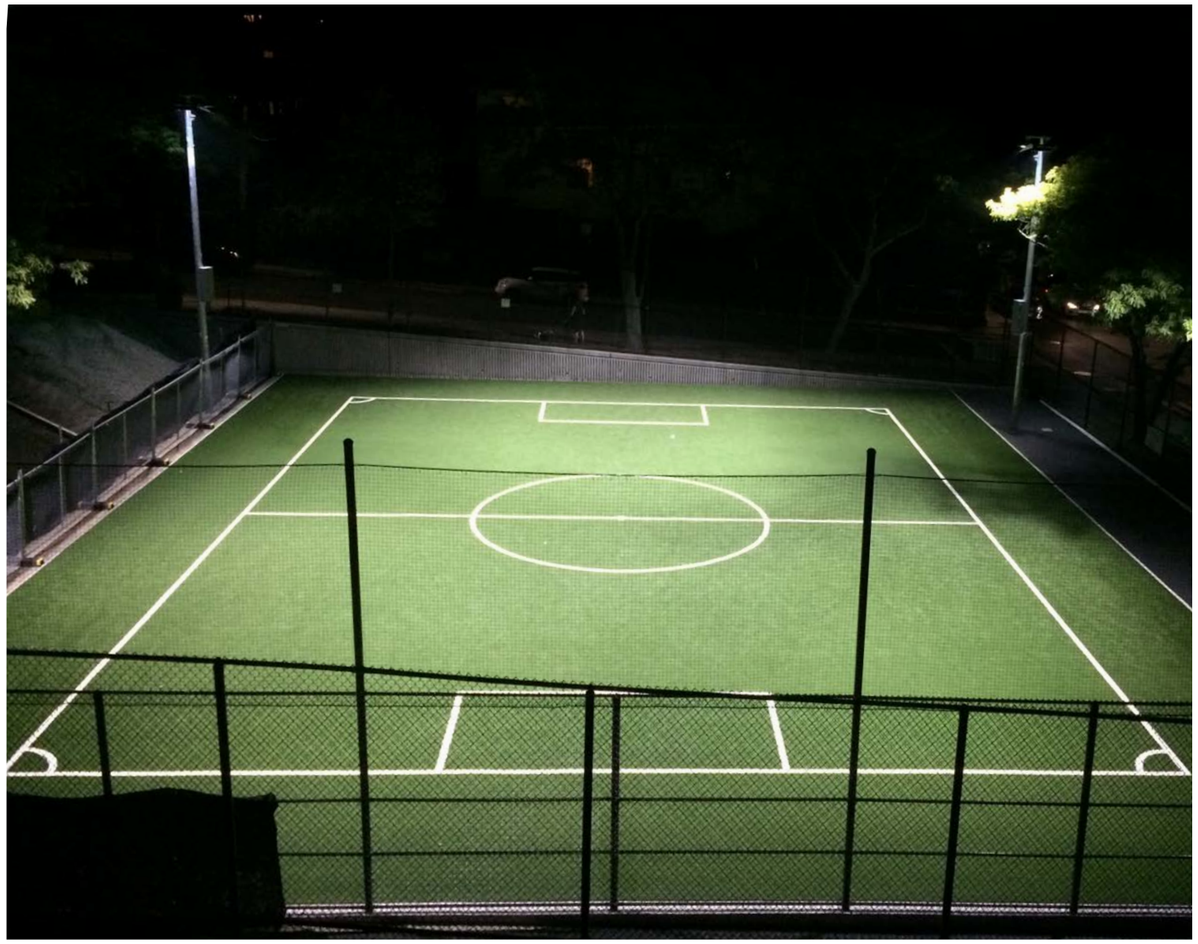


MAXIMUM FOOTCANDLES EXTENTS

SPORTS LIGHTING

CONWAY PARK

ESCS FIELD

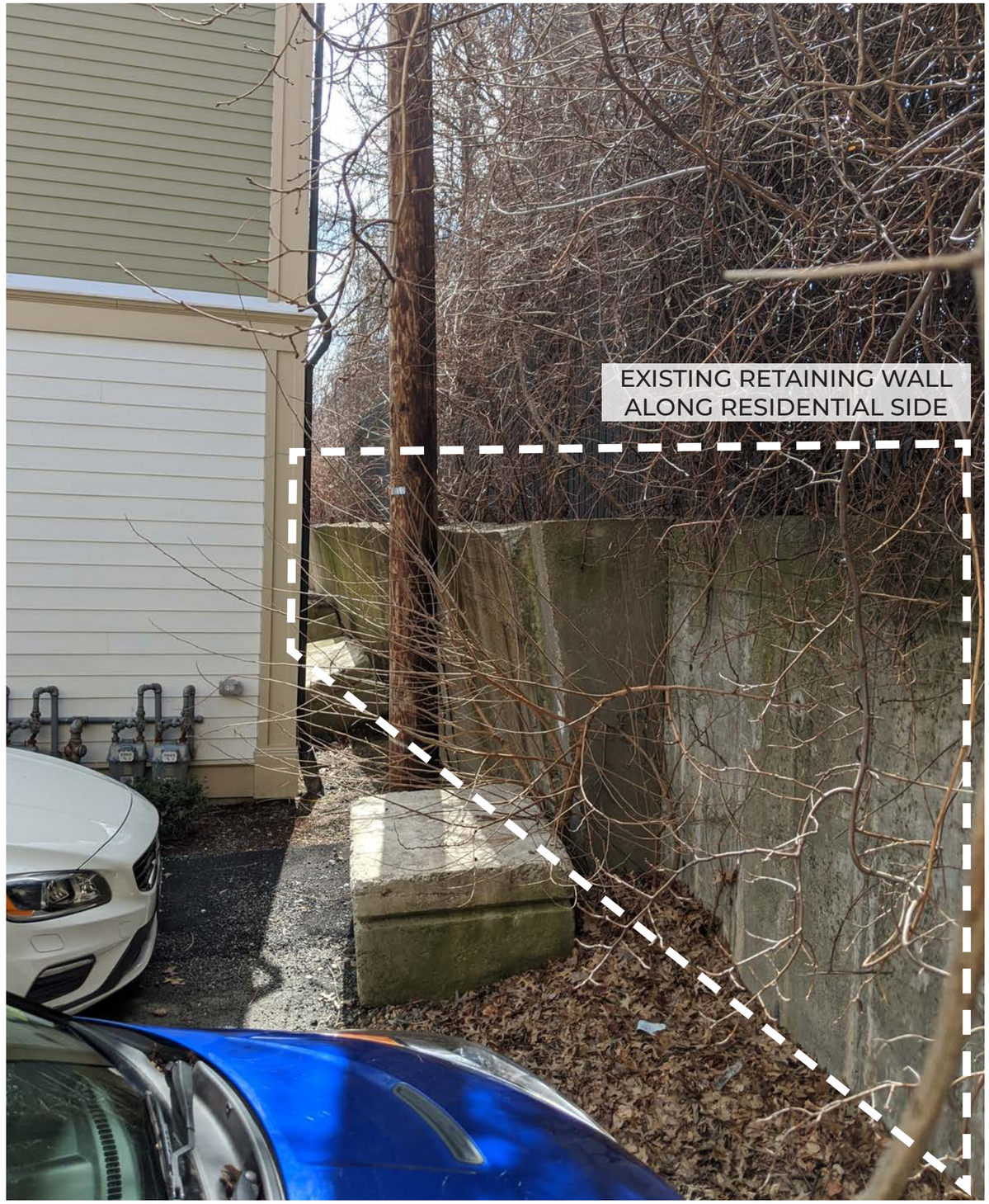


WINTERHILL FIELD

NOTE: No 311 complaints, no complaints at PSUF or Parks and Rec

SPORTS LIGHTING PRECEDENTS

CONWAY PARK



RETAINING BLOCK WALL SYSTEM

CONWAY PARK

MUNICIPAL FREEDOM GIVES NATIONAL STRENGTH
SOMERVILLE, MASS.

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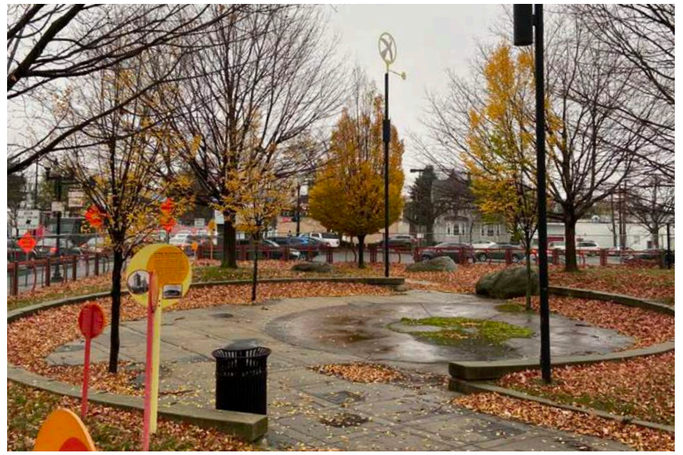
Existing Conditions:

Ⓐ Entire Splash Pad has 12 Trees
(5x Sugar Maples, 4x Hornbeams, 2x Zelkovas, 1x Cherry/Plum)

Ⓑ Concrete Seatwall

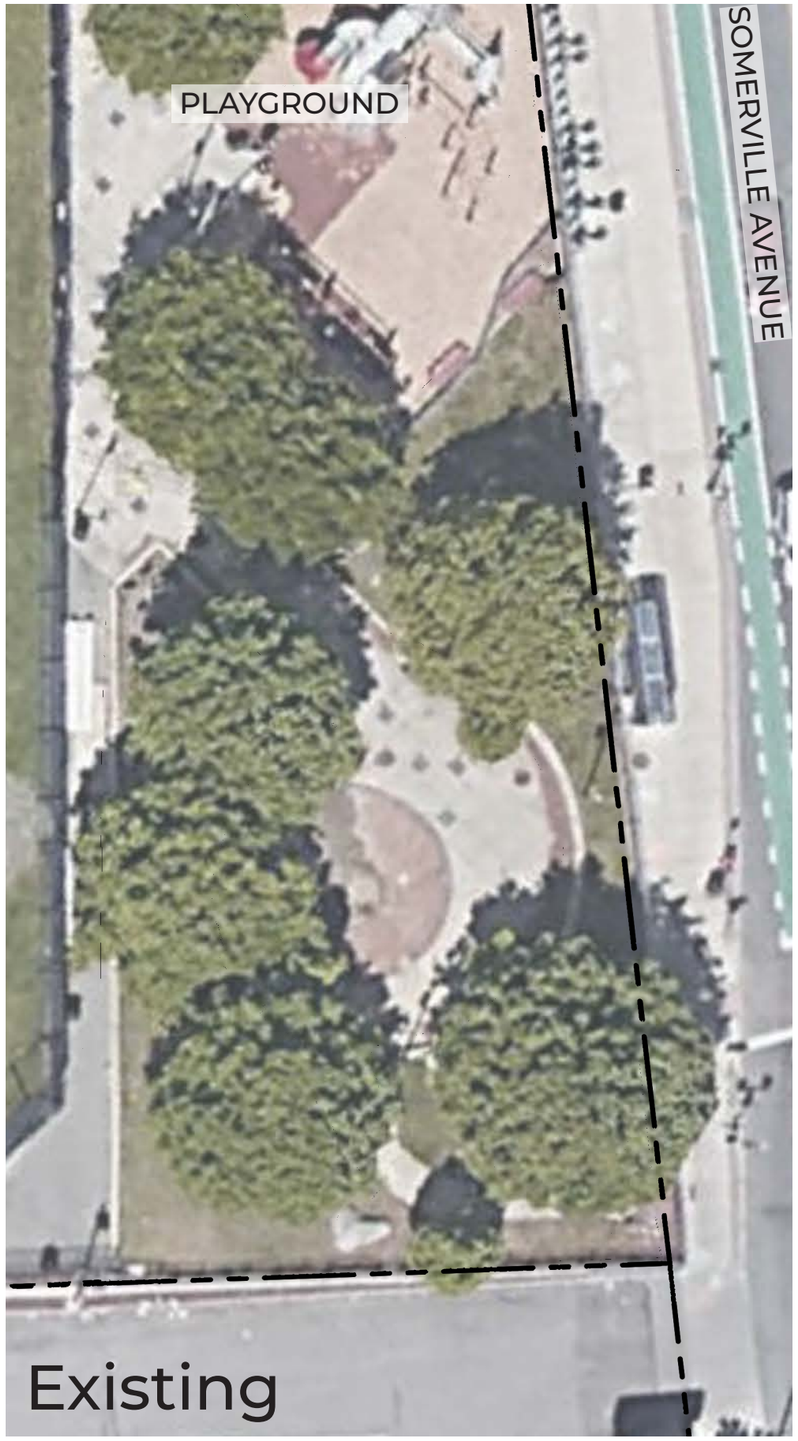
Ⓒ Splash Pad currently not available for public use

Ⓐ



Ⓑ

Ⓒ



EXISTING SPLASH PAD
CONWAY PARK

0 10 20 30

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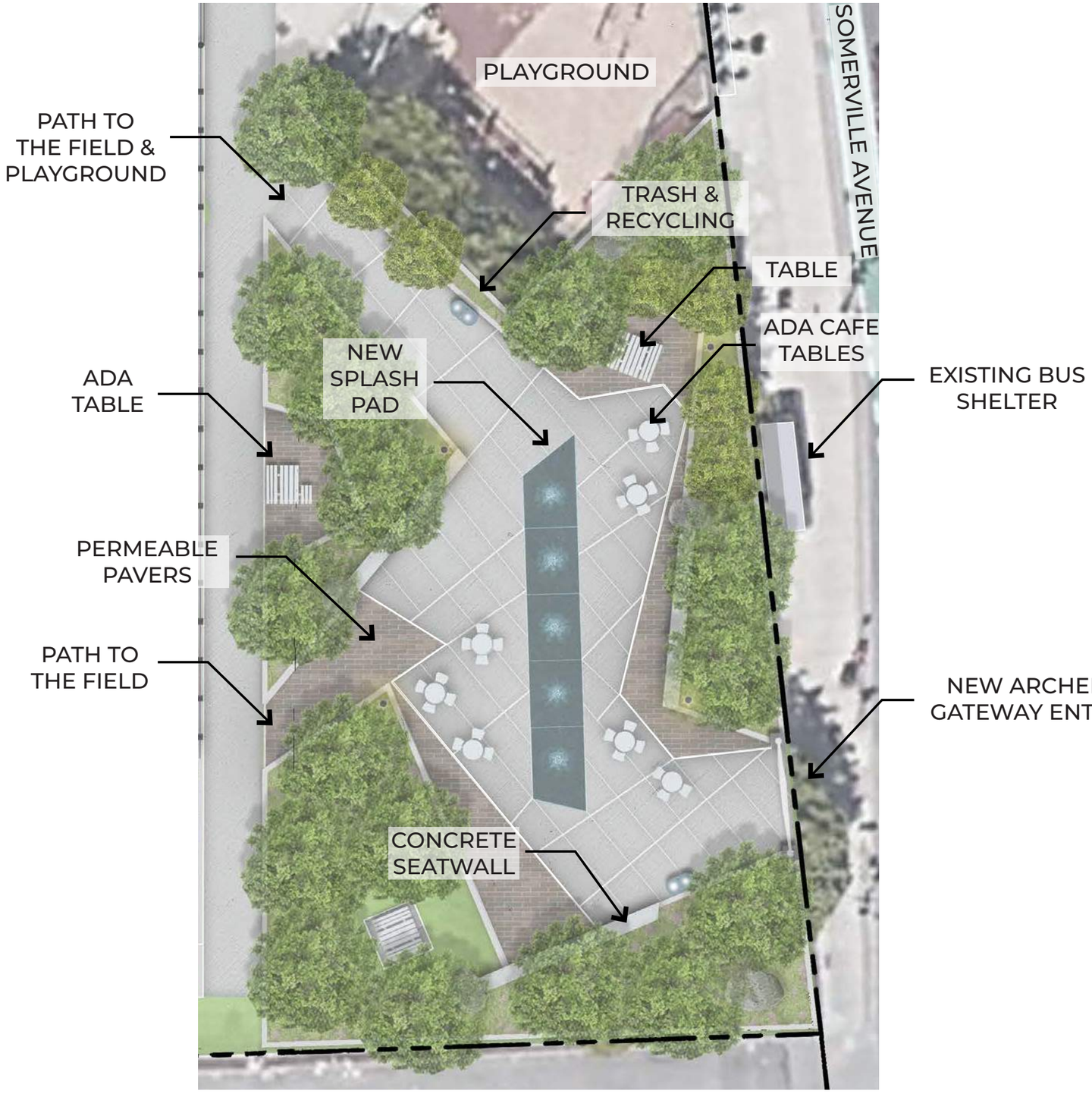
Improved Splash Pad Amenities Include:

- New Splash Pad
- Increased Shade: net gain of 11 trees (5x shade & 6x ornamental)
- Increased Seating: ADA tables, ADA cafe tables, and concrete seatwalls along vegetative areas
- Increased Permeable Surfaces: vegetative surfacing and permeable pavers
- Native Understory Pollinator Plantings: all vegetative surface under trees will have native understory plantings



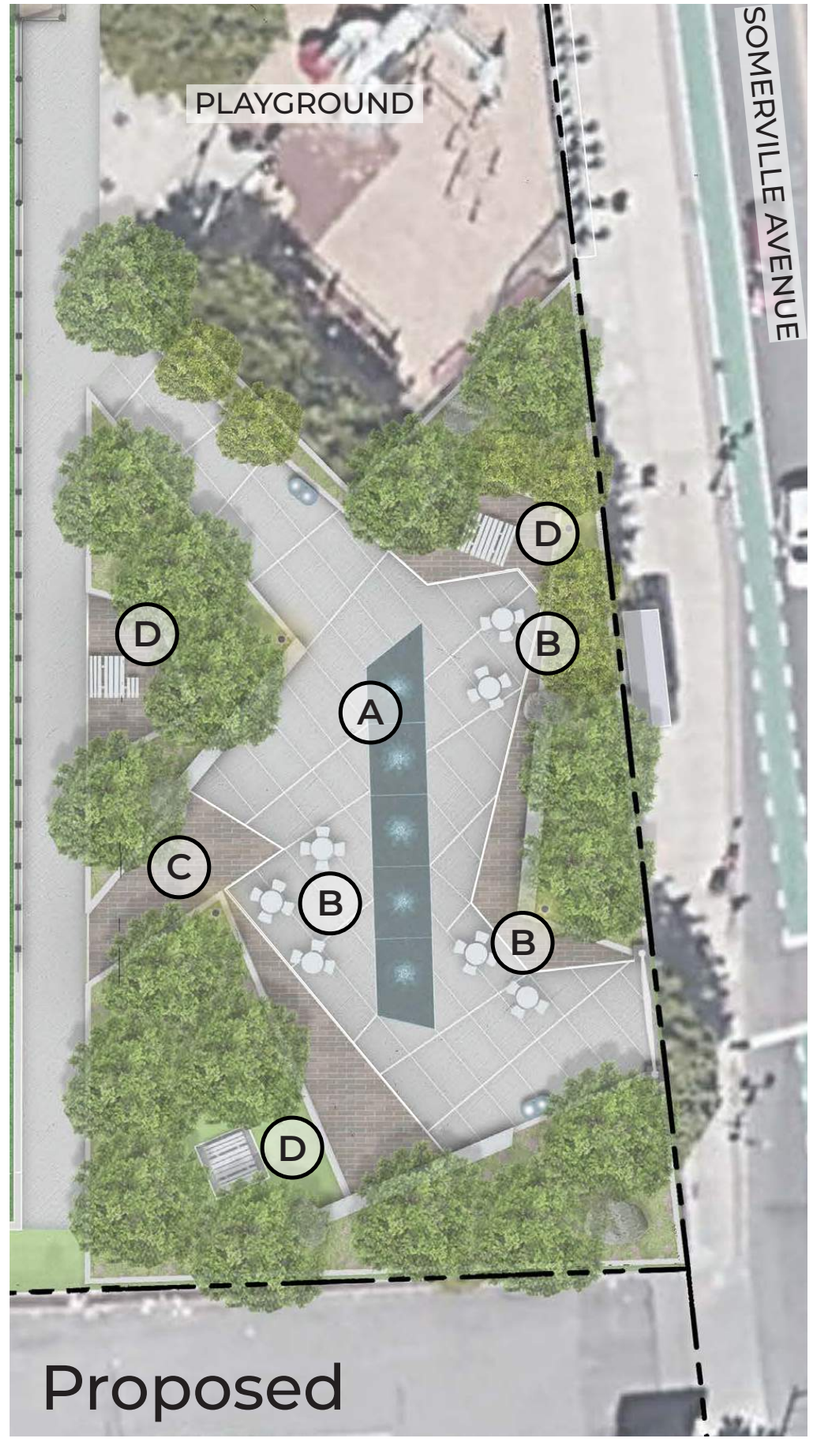
Ⓐ SPLASH PAD PRECEDENT

Ⓒ PERMEABLE PAVERS

Ⓑ CAFE TABLES

Ⓓ TABLES & ADA TABLES

Material Examples



SITE AMENITIES
CONWAY PARK

0 10 20 30

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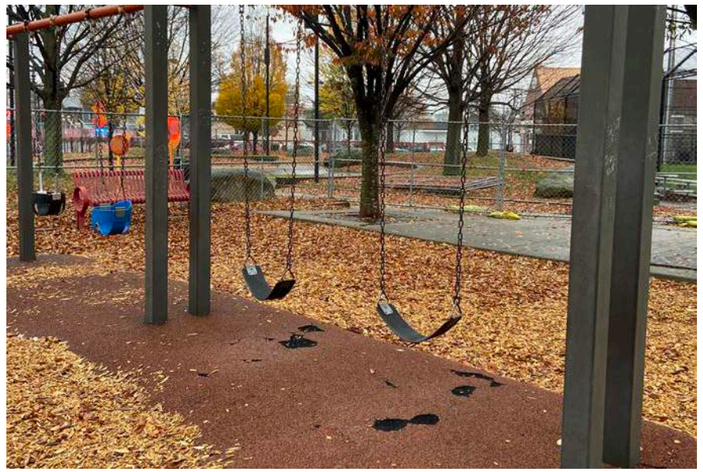
Ⓐ Remove and replace heaving concrete (remove and reset stone inlays), install hand-hold for electrical pull box (currently above ground)

Ⓑ Remove tree grates at existing trees and replace with flexi-pave at tree wells

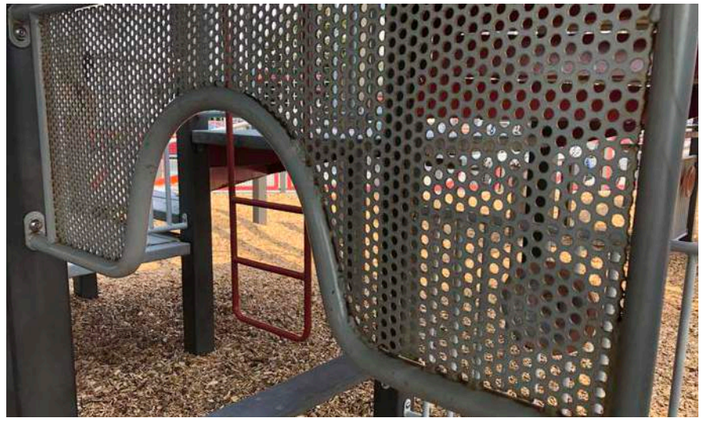
Proposed flexi-pave

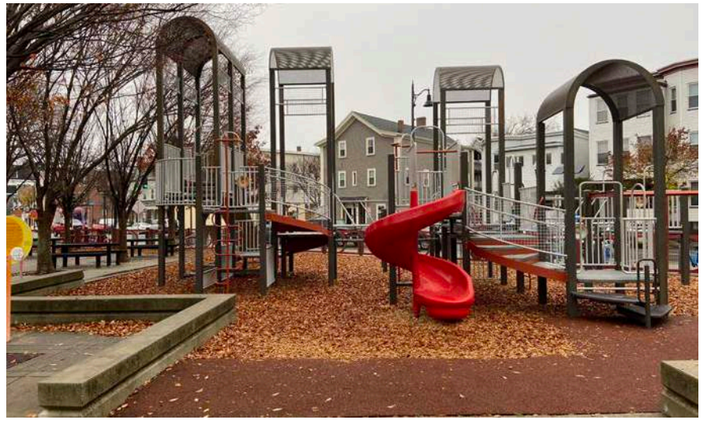
Ⓒ Repair poured-in-place rubber surfacing and replace wood chips with fibar surfacing at play equipment



D Remove “lollipop” signage and replace with new signage using existing content

E Clean, prime, and field paint all metal play structure components





F Proposed play elements for ages 2-5

MUNICIPAL FREEDOM GIVES NATIONAL STRENGTH
SOMERVILLE, MASS.
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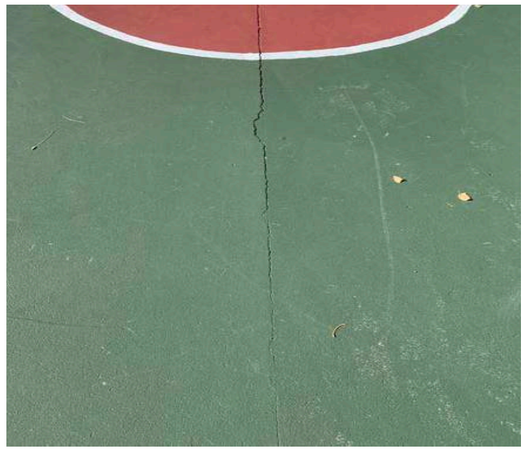
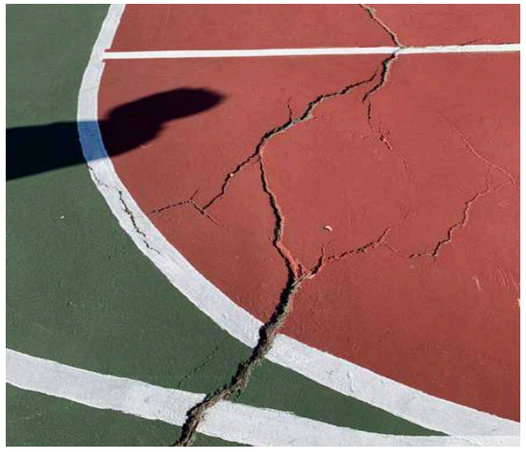
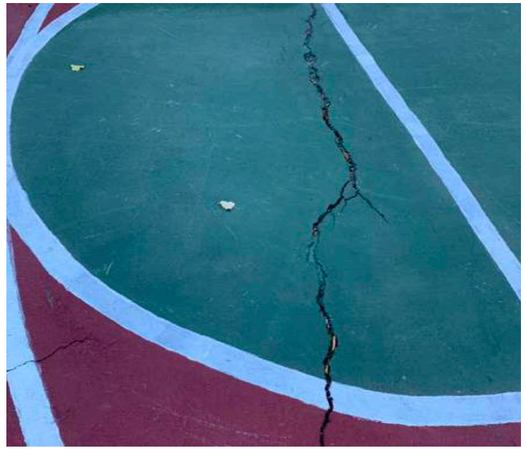
Scope of Court Improvements:

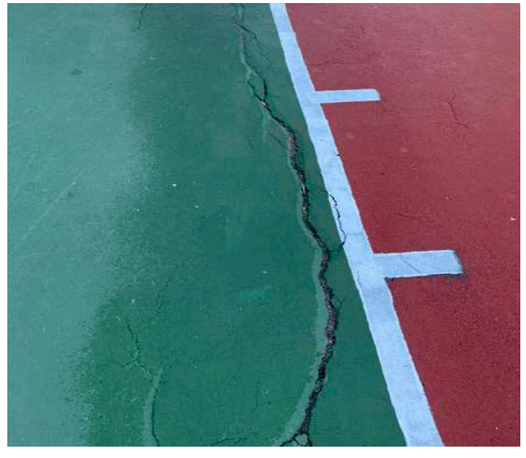
Ⓐ Replace existing asphalt with new asphalt and new court markings (meet & match existing grades)

EXISTING ASPHALT DAMAGE









BASKETBALL COURT IMPROVEMENTS

CONWAY PARK

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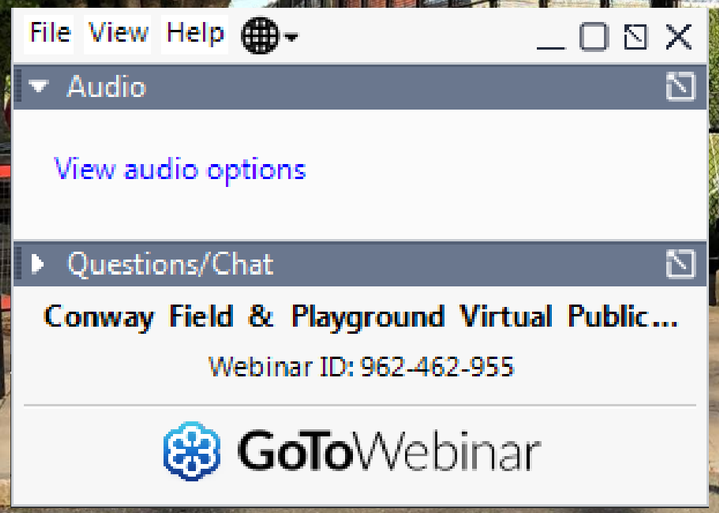
THANK YOU !

COMMENTS & QUESTIONS ?

CONWAY'S PROJECT PAGE:
https://www.somervillema.gov/departments/conway-field-and-playground-contamination

PLEASE TYPE COMMENTS & QUESTIONS IN THE CHAT:



MUNICIPAL FREEDOM GIVES NATIONAL STRENGTH
TOWN 1842 1872 CITY
OLD POWDER HOUSE
HONORABLY PURCHASED FROM PAWTUCKETS • 1839
SOMERVILLE, MASS.

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TODAY - NOV. 17TH, 2020	Field and Playground Renovation Community Meeting
EARLY WINTER 2021	Project Out to Bid
EARLY SPRING 2021	Community Safety Meeting
SPRING 2021	Earliest Anticipated Start Date
FALL 2021	Earliest Anticipated Completion Date

CONWAY'S PROJECT PAGE:
https://www.somervillema.gov/departments/conway-field-and-playground-contamination

ANTICIPATED PROJECT SCHEDULE

CONWAY PARK

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HEAT ISLAND:

- **Urban Heat Island Effect:** the phenomenon that urban areas have a higher year-round temperature relative to rural areas because of attributes that are inherent to urban form.
- Synthetic artificial turf fields are not known to be heat sinks

SURFACE TEMPERATURES:

- Trees will be planted to provide shade outside the field
- Hydration is key
- No one should be on the fields during excessive heat

"During times of extreme heat, do not play on the field. Always keep players hydrated"