

# Avon High School Synthetic Turf Field Project Design Development Phase Town of Avon, CT



**Field Options Vote Meeting**

July 18, 2016

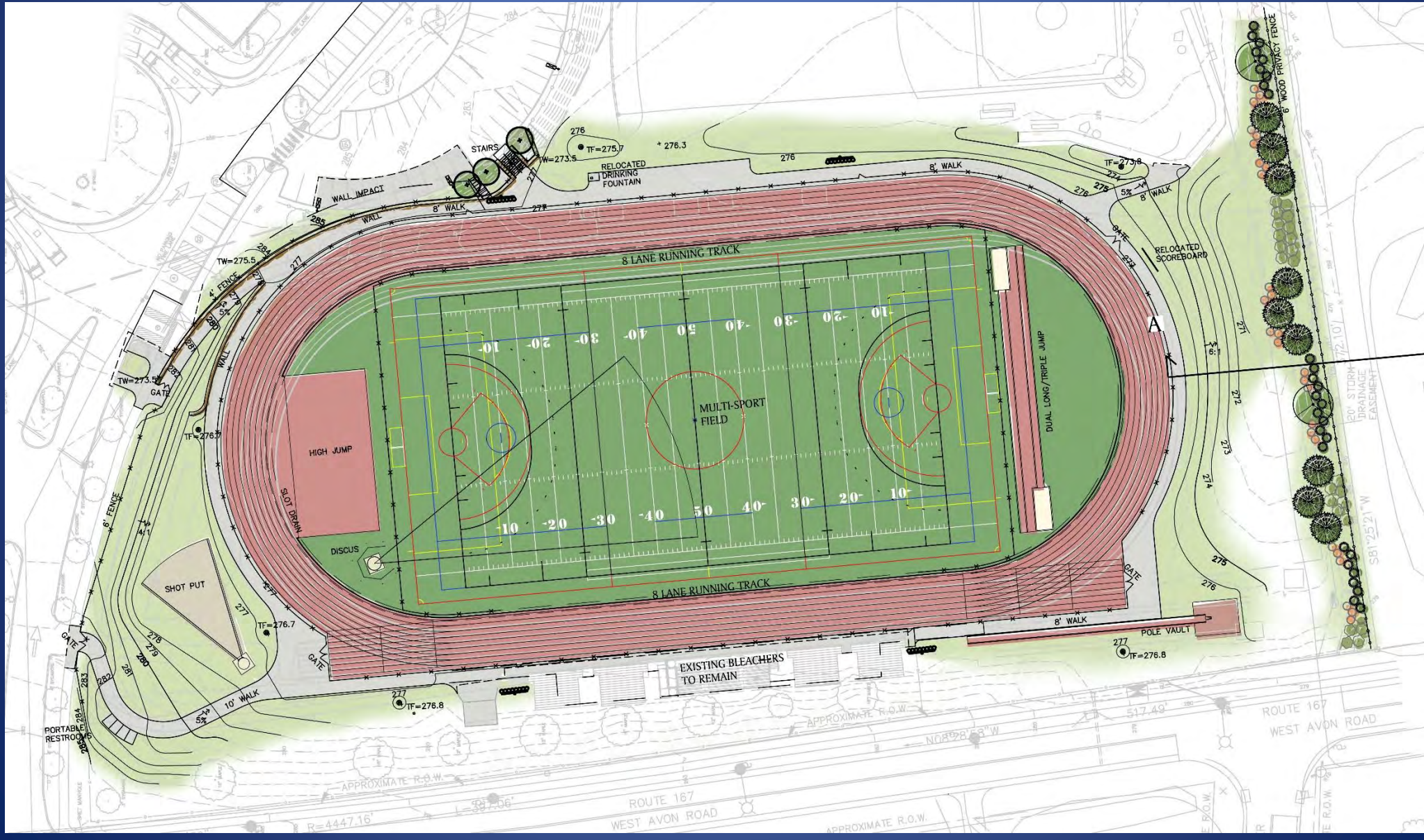




# Base Project

## Base Project: - General Layout and Fencing

1. Modified Concept 'A'  
with wider 'runouts' and clearance to track perimeter fence

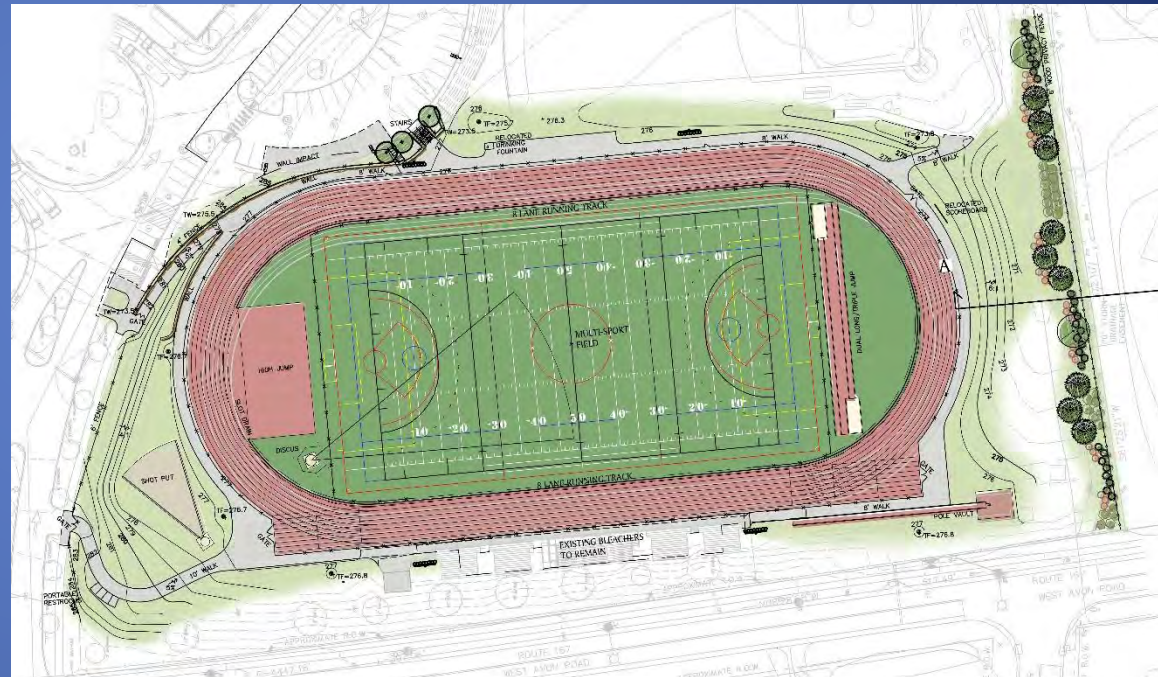




# Base Project

## Base Project: - General Layout and Fencing

1. 8 Lane Track and Straight
2. Synthetic Turf Interior field
3. Existing bleachers to remain
4. Field events, drives and access as shown
5. No visitor side accommodations
6. Entry and retaining walls NE
7. New security fence North and East only
8. Athletic Lighting
9. Buffer south (only)
10. Maintenance equipment
11. LAX Safety Netting, ends only
12. Pedestrian Lighting



## Base Project Options

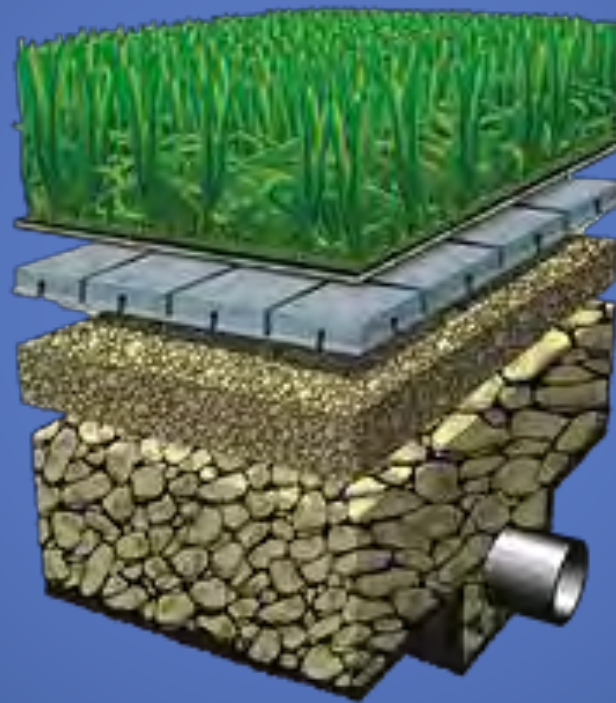
1. Option – Bleachers, Pressbox, PA system (structural bleacher)
2. Option – Storage Building
3. Option – Non-fixed Field equipment (hurdles, pads, goals, etc)
4. Option – Extended Buffers (south to soccer & at street)



# Base Project

## Base Project: - Synthetic Turf System

'Failsafe' turf infill system: 2" knap turf, *resilient pad*, sand and *COATED* SBR (recycled rubber infill)  
(Should crumb rubber ever be deemed hazardous: infill can be removed and new infill can be installed (resilient pad allows flexibility as to future type) (add approx. \$150,000 over traditional)



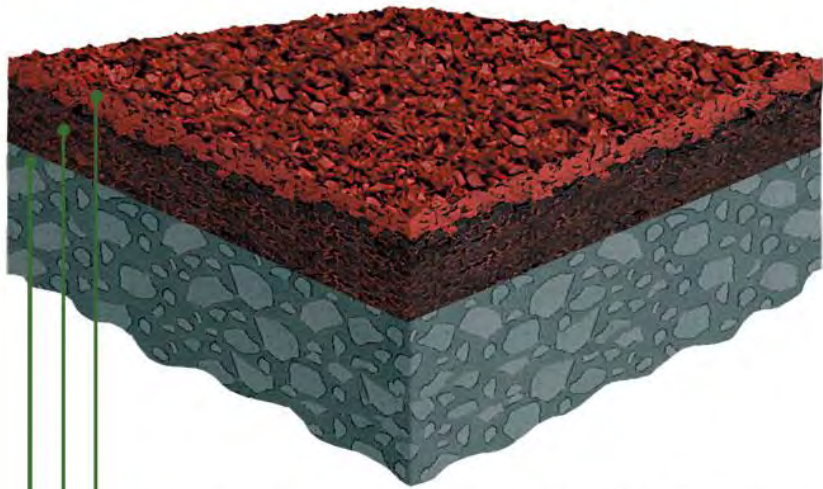
SAND      RESILIENT PAD  
                 *Coated* CRUMB RUBBER



# Base Project

## Base Project: - TRACK LAYOUT AND MATERIALS

1. Urethane Base Mat (Porous System) (95% solution)
2. Color: Red
3. High School track event layout & standard.



Structural Topcoat with Rubber Pigment

Black SBR Granules

Concrete or Asphalt

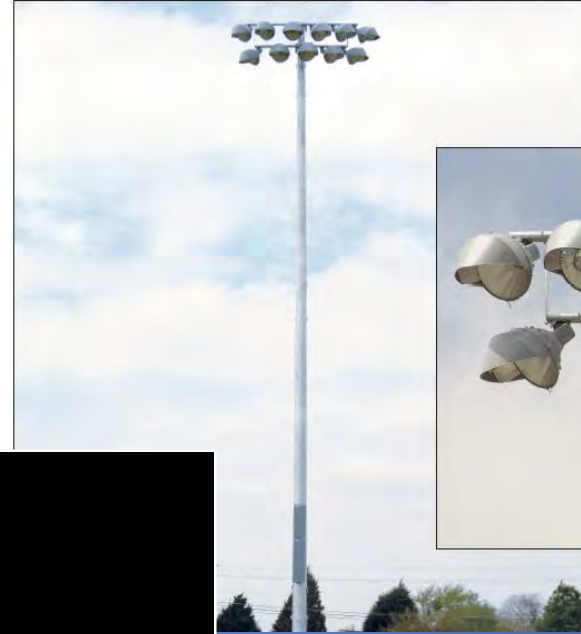




# Base Project

## Base Project: - Athletic Lighting

1. Highly Focused, state of the art.
2. Metal Halide source
3. 4 pole, system 70-80' high poles
4. Service, remote controls and warranty
5. Typical Lighting levels (not pro. filming levels)



# Base Project – Confirmation of Scope

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Base Budget Cost: \$3,211,000

Including 15% (\$418,000) Contingency

Turf with resilient pad,  
sand & coated SBR rubber  
Asphalt running track with  
Urethane base mat surfacing  
Athletic lighting, controls and service





# Base Project – *Options*

## Base Project - Options:

### New Home Bleacher & Pressbox:

1. 1,000 seat structural frame (storage below) with pressbox, PA system, electrical, and bleacher lighting

*Bleacher Option Budget Cost:                      ADD \$495,000*

### Storage building:

1. 20'x22' prefabricated, non-conditioned wood shed on a gravel pad

*Storage Building Option Budget Cost:    ADD \$ 26,000*





# Base Project – *Options*

## Base Project - Options:

### Non Fixed Athletic Field Equipment:

1. Soccer goals, hurdles, hurdle carts, high jump pads, pole vault pads, discus netting, sideline LAX netting, football chains and pylons, etc.

*Non-fixed equipment Option Budget Cost: ADD \$ 79,000*

### Extended Property line buffers:

1. South (between baseball and end of soccer field):  
6' ht cedar privacy fencing with larger buffer plantings (approx. 525 lf)
2. West (West Avon Road): Plantings only (approx. 330 lf at bleachers)

*Extended Buffer Plantings Budget Cost: ADD \$118,000*



# Discussion – Base Project and Options

## Budget Cost summary:

Base Project: (Main Field Track, Turf & Lighting) \$3,211,000

### Base Project Options

1. Option – Bleachers and Pressbox	\$ 495,000
2. Option – Storage Building	\$ 26,000
3. Option – Non-fixed Field equipment (hurdles, pads, goals, etc)	\$ 79,000
4. Option – Extended buffers S&W	<u>\$ 118,000</u>

***Base project with Options: \$3,929,000***





# North Field Option – Confirmation of Scope

## North Field Option Base Project:

1. Convert Natural Field to Synthetic Turf  
Turf to be identical 'failsafe' system with pad
2. Small size – Fits Field hockey 320'x180' overall  
Undersized soccer.  
Undersized LAX (too short approx. 30')
3. Perimeter 4' ht. chain link fence
4. No bleachers, walks or amenities
5. Conduit for future lighting and to scoreboard

Turf with resilient pad, sand & coated SBR rubber

North Field Option Base Budget Cost: ADD \$1,124,000

All costs include 15% contingency



# Discussion – Base Project and Options

## Budget Cost summary:

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### Base Project Options

1. Option – Bleachers and Pressbox	\$ 495,000
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***Base project with Options:*** ***\$3,929,000***

***North Field*** ***\$1,124,000***





# Avon High School Fields – Base Project

