



HAMILTON-WENHAM REGIONAL SCHOOL DISTRICT

JOINT MEETING OF THE SCHOOL COMMITTEE & JOINT BOARDS OF SELECTMEN

Buker Elementary School
Multi-Purpose Room

Tuesday, January 17, 2017

6:00 PM

1. Call to Order 6:00
2. Pledge of Allegiance
3. Discussion on Apportionment Formula
4. Vote to Adjourn 7:00

MEETING SCHEDULED FOR 6:00 PM

CANCELLED

SCHOOL COMMITTEE MEETING

Buker Elementary School
Multi-Purpose Room

Tuesday, January 17, 2017

7:00 PM

1. Call to Order 7:00
2. Presentation by Gale Associates with results of the Turf Field Study Exhibit B
3. Adjournment

Secretary: Joshua Liebow, HWRSC

CELEBRATING 50 YEARS



Hamilton Wenham Regional High School Athletic Campus Improvements Project Update

Hamilton, MA

Sean Boyd, P.E. - Gale Associates Inc.

January 17, 2017

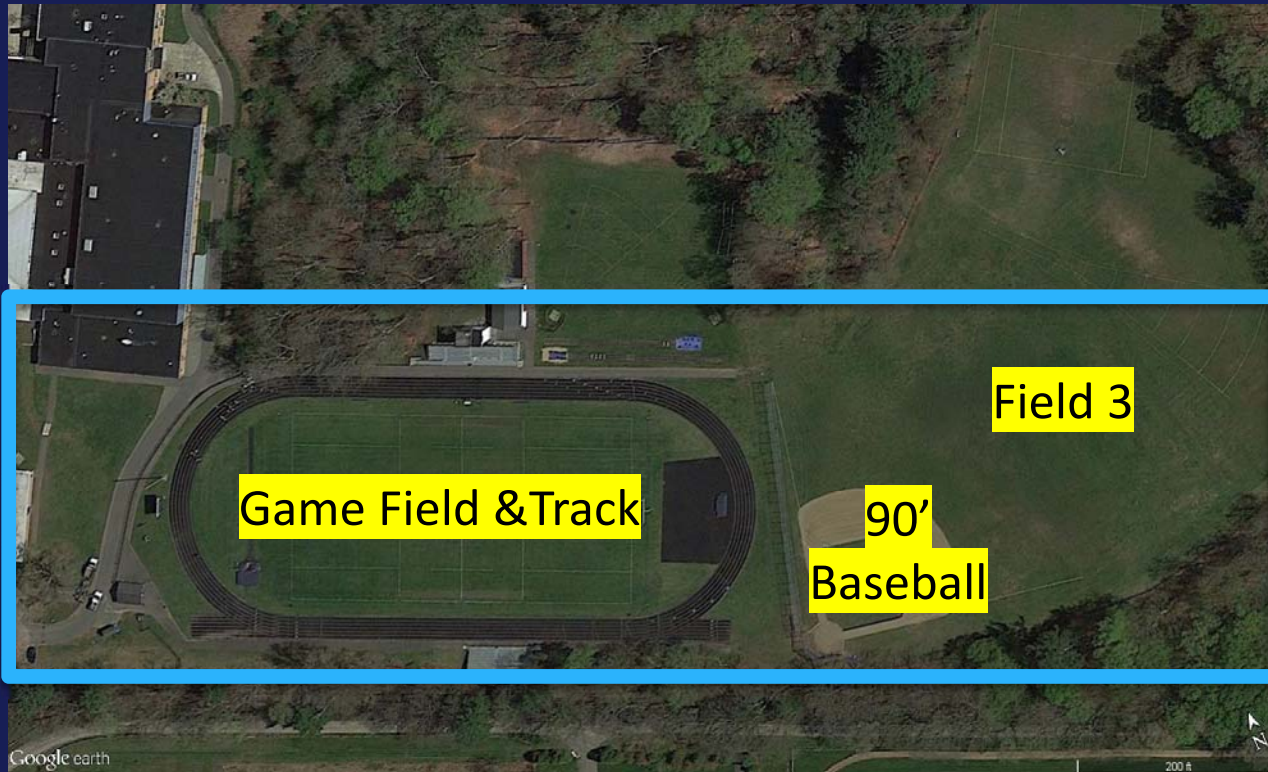
G:\717170\01 Evaluation\presentation\Hopkinton (2017-01-10)

Agenda

- Current Project Scope
- Project History
- Master Plan Summary
- HS Existing Conditions
- Current Design
- Master Plan Impact
- Next Steps
- Questions

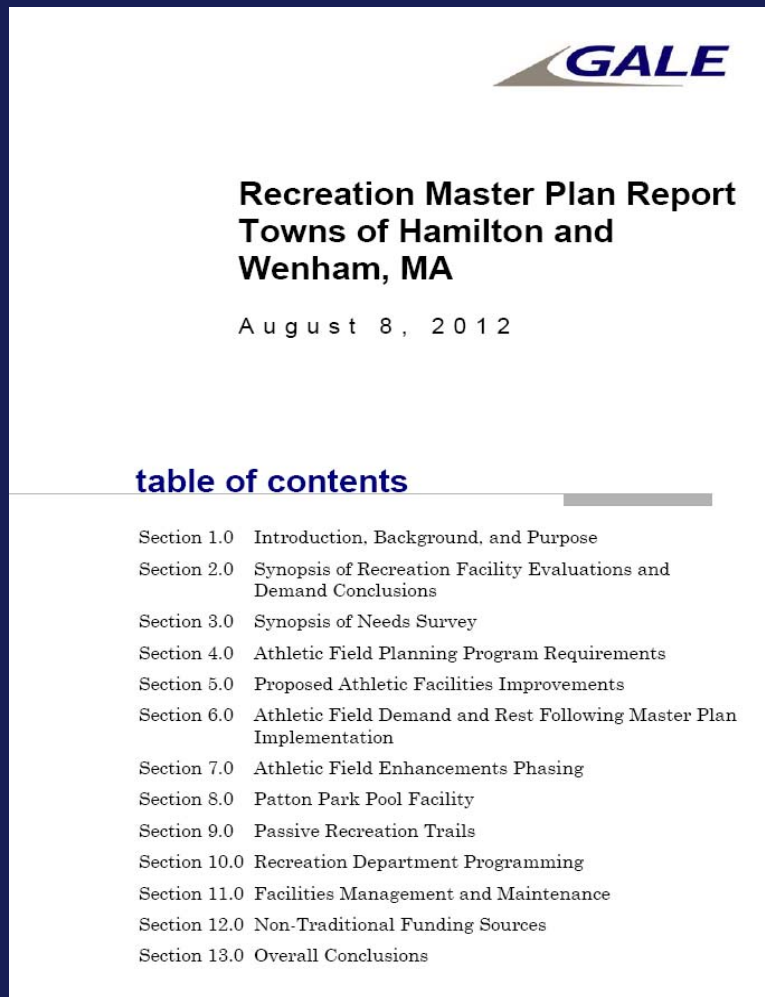


Current Project Scope

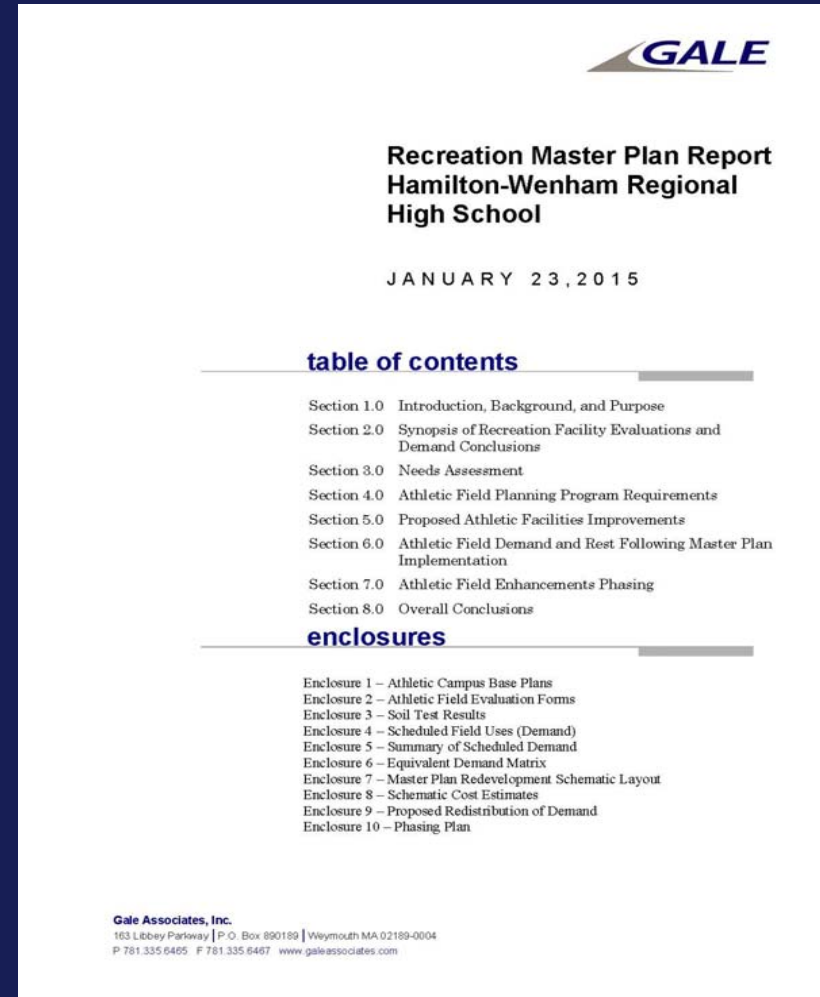


- Site Investigation
- Schematic Design
- Design Development
- Permitting

Project History



2012 – Town Wide Master Plan



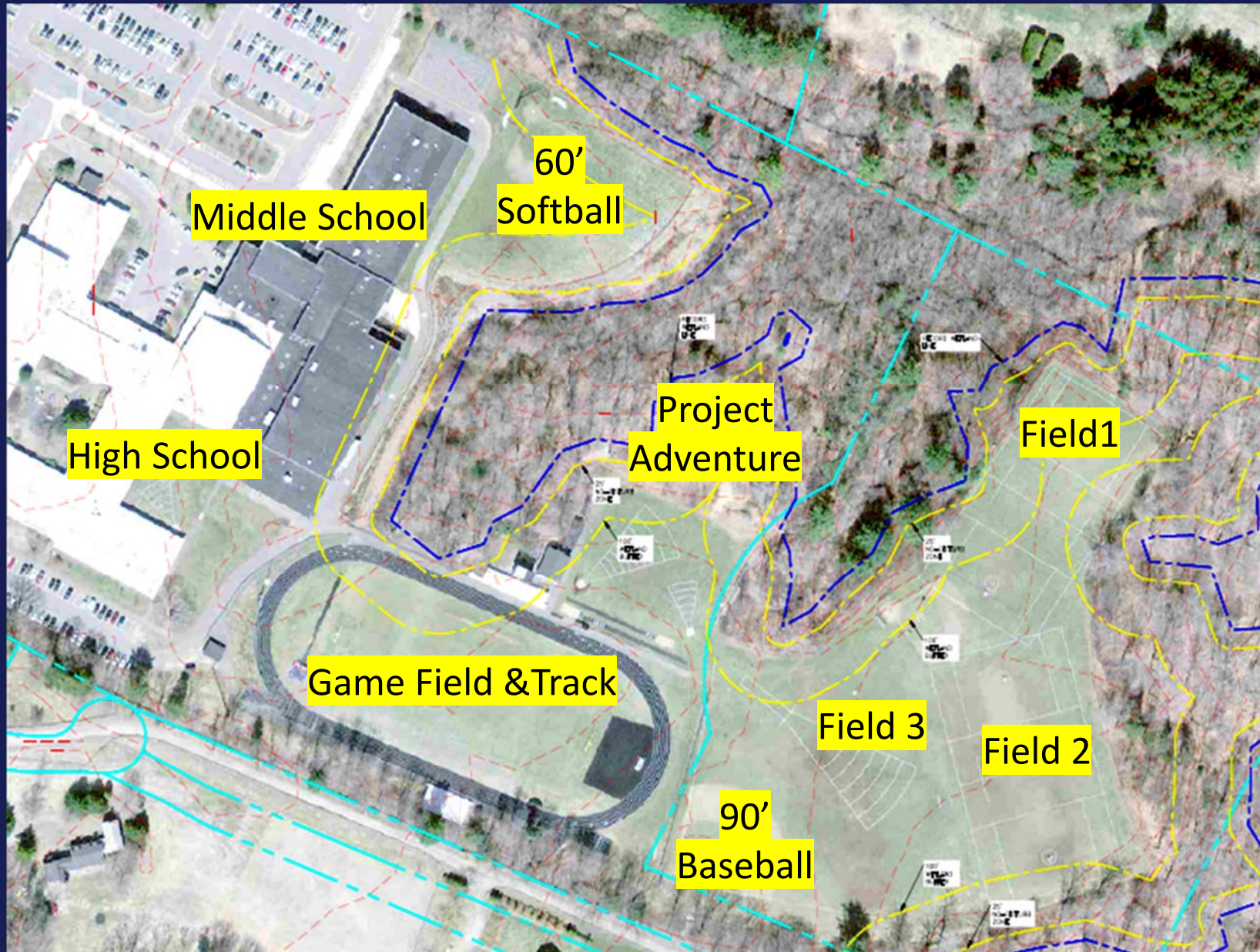
2015 – High School Master Plan

Town Wide Master Plan

FIELD USE ANNUAL SUMMARY - ACTUAL TEAM USES			
Field Location	Field	Field Type	Total Annual Uses
Patton Park	60' Diamond & MPR	60' B / MPR	510
	90' Diamond	90' B	144
Pingree Park	Cheeseman	60' B	228
	Wildes	90' B & MPR	233
	Black	60' B	208
Donovan Field	Field 1	60' B	152
	Field 2	MPR	267
Fairhaven Field	Fairhaven Field	MPR	358
DPW Field	DPW Field	MPR	130
Iron Rail Fields	Field 7	MPR	275
	Field 8	MPR	287
	Field 9	MPR	287
West Wenham Park	Field 1	MPR	10
H-W Regional High School	Game Field	MPR	104
	Field 1	MPR	80
	Field 2	MPR	419
	Field 3 & 90' Diamond	MPR/90'B	150
Middle School	Field 1	60' B	296
Winthrop School	Field 1	60' B	276
Cutler School	Field 1	60' B	318
Buker Elementary	Field 1	60' B	388
	Field 2	60' B	166
	22	Total:	5286

- Deficit of 4-6 Fields
- 11 of 22 fields overused

2015 – HS Master Plan



2015 – HS Master Plan Conclusions

Demand Analysis & Conclusion

Field	Annual Uses
Game Field (MPR)	106
Field 1	277
Field 2	324
Field 3	205
Project Adventure	65
90' Baseball	124
60' Softball	356
Total	1,481

- Deficit of 2 MPR Fields
- 3 of 6 fields overused
- Game field uses constrained
- No onsite tennis courts

2015 – HS Master Plan Conclusions

Needs Assessment Conclusions

- Keep athletics on campus
- Improve drainage conditions
- Increase storage
- Renovate track
- Improve field dimensions
- Improve spectator seating and press box
- Improve site fencing and security
- Synthetic turf and lights

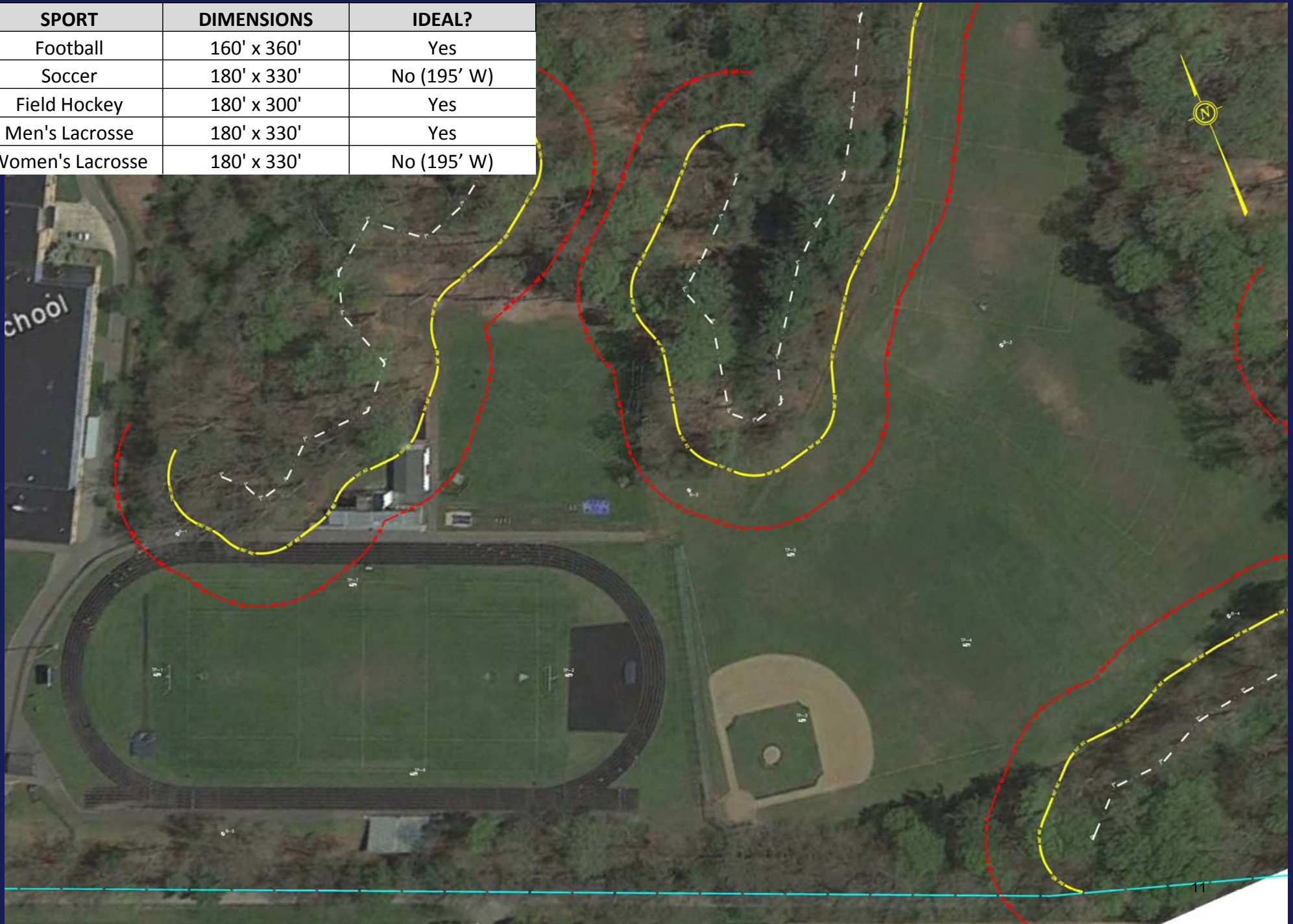
2015 – HS Master Plan Conclusions

Planning Program

1. New 400 meter track and synthetic turf field
2. Combination baseball/MPR synthetic turf field
3. Six (6) tennis courts and storage building
4. Field 2 expansion
5. Reconstruct softball and carpet replacement

Existing Conditions – Constraints

SPORT	DIMENSIONS	IDEAL?
Football	160' x 360'	Yes
Soccer	180' x 330'	No (195' W)
Field Hockey	180' x 300'	Yes
Men's Lacrosse	180' x 330'	Yes
Women's Lacrosse	180' x 330'	No (195' W)



Overall Conceptual Design



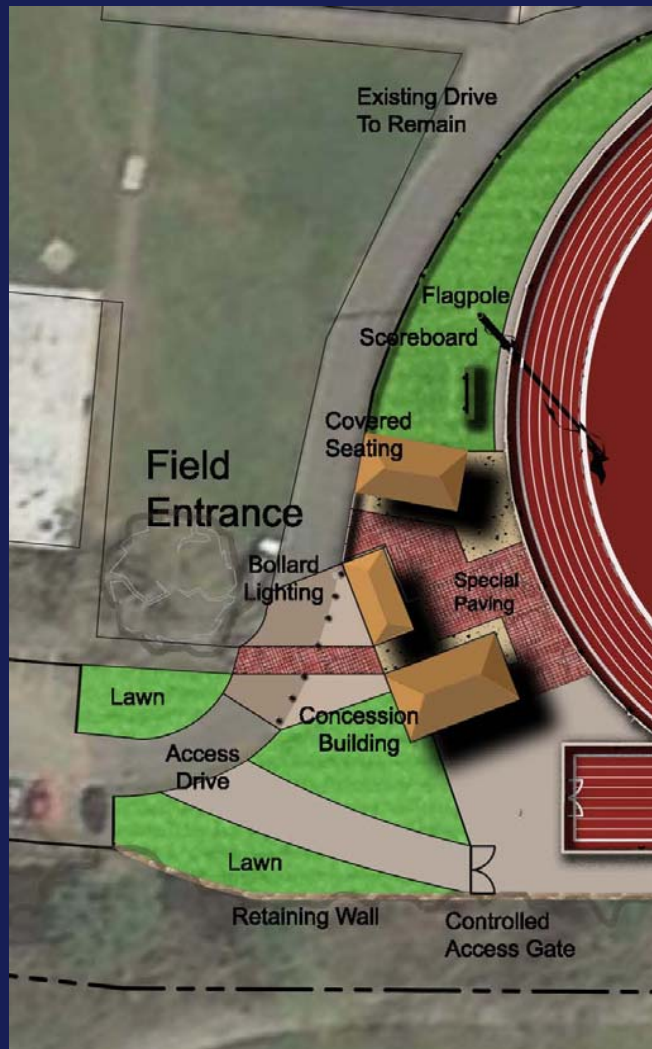
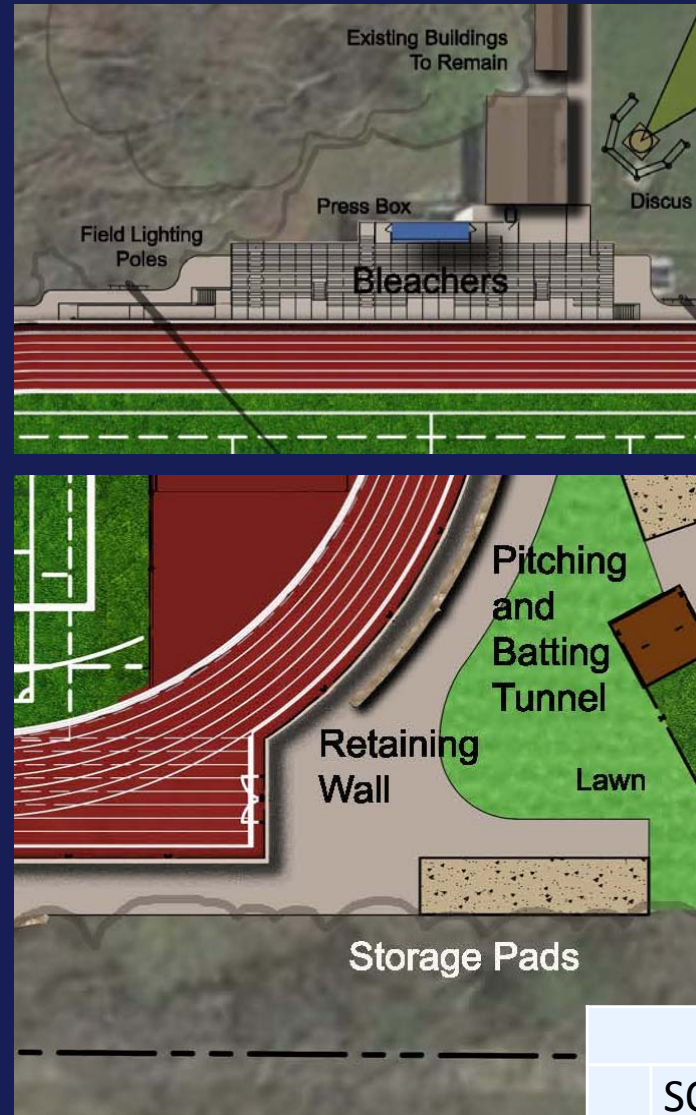
Track and Field



- MPR synthetic turf field
- 400 meter track and events
- Improved drainage system
- Improved site access
- ADA access
- Athletic light
- Visitors bleachers
- Site fencing

SUBTOTAL:	\$	3,366,724.41
SOFT COSTS (5%):	\$	235,670.71
CONTINGENCY (10 %):	\$	<u>336,672.44</u>
TOTAL:	\$	3,939,067.56

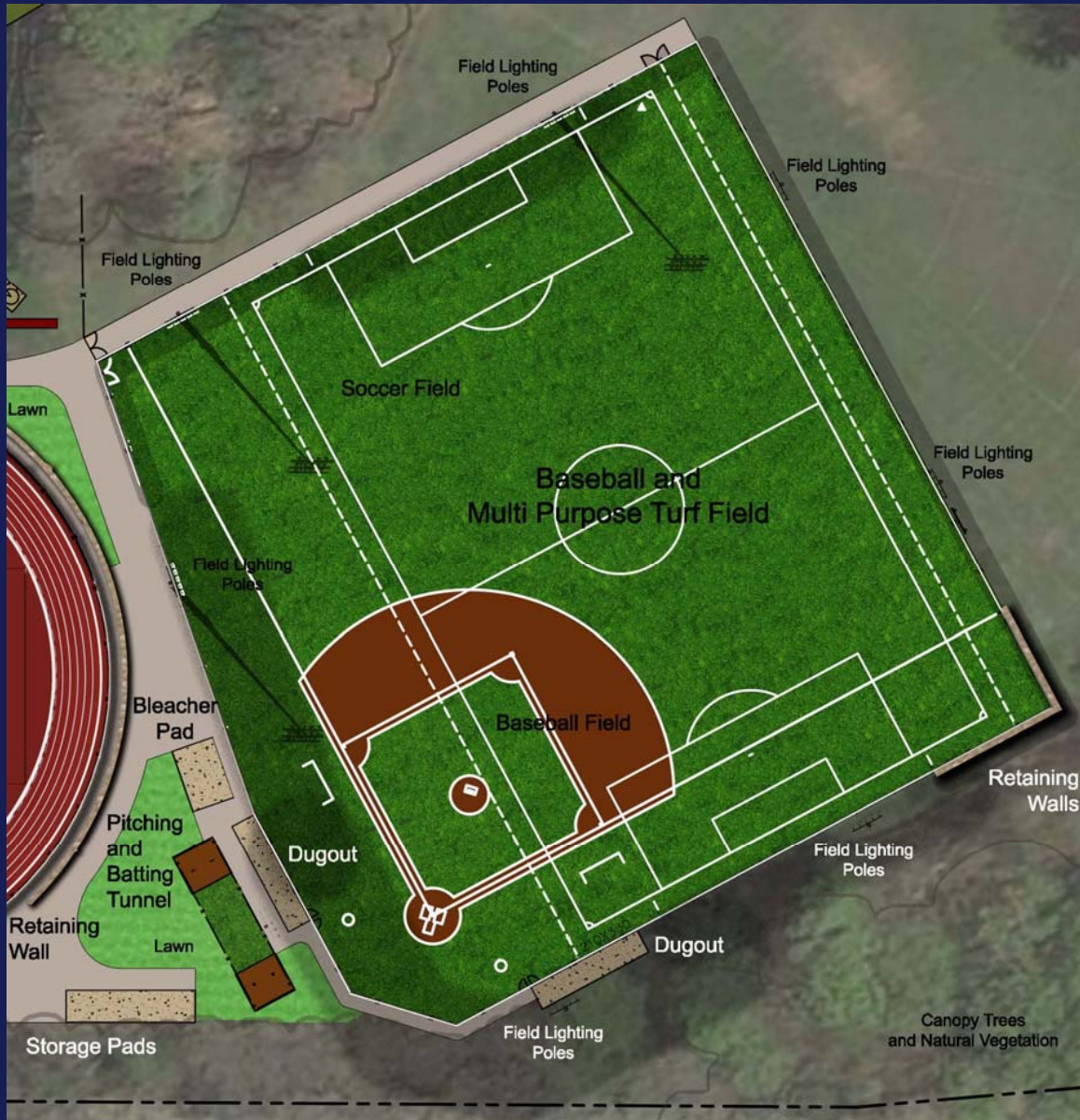
Buildings, Bleachers and Site Improvements



- Entranceway statement
- Amenities building
- Home bleachers
- Press box
- Storage building
- Pavilion

SUBTOTAL:	\$	1,687,440.00
SOFT COSTS (10%):	\$	168,744.00
CONTINGENCY (10 %):	\$	168,744.00
TOTAL:	\$	2,024,928.00

Combination Baseball/MPR



- Combination synthetic turf field
- Improved drainage system
- ADA access
- Athletic light
- Portable bleachers
- Baseball dugouts
- Pitching and batting tunnel
- Site fencing

SUBTOTAL:	\$	3,048,260.39
SOFT COSTS (5%):	\$	152,413.02
CONTINGENCY (10 %):	\$	304,826.04
TOTAL:	\$	3,505,499.45

Master Plan Impact

Field	Annual Uses	Proposed Uses
Game Field (MPR)	106	425
Field 1	277	162
Field 2	324	150
Field 3	205	**
Project Adventure	65	65
90' Baseball	124	479**
60' Softball	356	200
Total	1,481	1,481

- Lighted synthetic turf can accommodate 650-700 uses
- Creates available capacity for Town use
- Improve natural grass fields
- Current project does not include:
 - Tennis
 - Reconstructed softball

Completed Work

- **Site Investigation**
 - Survey
 - Test Pits/Borings
 - Wetlands Delineation
- **Schematic Design**
- **Design Development**

Next Steps

- **Permitting**
 - Planning Board
 - Conservation
- **Anticipated Timeline**
 - March – June



Questions



www.galeassociates.org



HAMILTON-WENHAM REGIONAL HIGH SCHOOL						
CONCEPTUAL DESIGN						
GALE JN: 716571						
Item	Description	Unit	Quantity	Unit Cost	Cost	Total Cost
TRACK & FIELD						
1	GENERAL CONDITIONS					\$ 625,629.86
2	EROSION CONTROL / SITE PREPARATION / DEMOLITION					\$ 169,420.67
3	SYNTHETIC TURF CONSTRUCTION					\$ 795,693.33
4	TRACK CONSTRUCTION					\$ 518,860.30
5	DRAINAGE					\$ 65,024.00
6	CONCRETE CURBING					\$ 152,446.00
7	FENCING / SAFETY NETTING					\$ 120,055.00
8	TRACK EQUIPMENT (FIXED)					\$ 100,200.00
9	TRACK EQUIPMENT (NON-FIXED)					\$ 77,500.00
10	ATHLETIC EQUIPMENT					\$ 40,000.00
11	SPECTATOR SEATING "VISITOR" SIDE					\$ 100,000.00
12	ATHLETIC LIGHTING/SITE ELECTRICAL					\$ 350,000.00
13	WALKWAYS					\$ 106,915.25
14	SITE AMENITIES					\$ 56,500.00
15	RETAINING WALLS					\$ 88,480.00
TOTAL						
					SUBTOTAL:	\$ 3,366,724.41
					SOFT COSTS (5%):	\$ 235,670.71
					CONTINGENCY (10 %):	\$ 336,672.44
					TOTAL:	\$ 3,939,067.56
COMBINATION BASEBALL FIELD						
1	GENERAL CONDITIONS					\$ 570,359.24
2	EROSION CONTROL / SITE PREPARATION / DEMOLITION					\$ 158,526.53
3	SYNTHETIC TURF CONSTRUCTION					\$ 1,039,582.22
4	DRAINAGE					\$ 63,400.00
5	CONCRETE CURBING					\$ 68,480.00
6	FENCING / SAFETY NETTING					\$ 225,775.00
7	ATHLETIC EQUIPMENT					\$ 46,000.00
8	DUGOUTS					\$ 70,000.00
9	COMBINATION BATTING TUNNEL / BULLPEN					\$ 25,000.00
10	BLEACHER SYSTEM					\$ 25,000.00
11	ATHLETIC LIGHTING					\$ 675,000.00
12	WALKWAYS					\$ 30,137.40
13	RETAINING WALL					\$ 51,000.00
TOTAL						
					SUBTOTAL:	\$ 3,048,260.39
					SOFT COSTS (5%):	\$ 152,413.02
					CONTINGENCY (10 %):	\$ 304,826.04
					TOTAL:	\$ 3,505,499.45

HAMILTON-WENHAM REGIONAL HIGH SCHOOL						
CONCEPTUAL DESIGN						
GALE JN: 716571						
Item	Description	Unit	Quantity	Unit Cost	Cost	Total Cost
ENTRANCE IMPROVEMENTS AND AMENITIES						
1	GENERAL CONDITIONS					\$ 311,440.00
2	EROSION CONTROL / SITE PREPARATION / DEMOLITION / UTILITIES					\$ 125,000.00
3	ENTRANCE IMPROVEMENTS, AMENITIES, AND GRANDSTANDS					\$ 1,251,000.00
	NEW BUILDINGS					
	CUSTOM BUILT STORAGE STRUCTURES					
	PRESS BOX & LIFT					
	"HOME" BLEACHER SYSTEM					
	PAVILION STRUCTURE					
	LANDSCAPING (ALLOWANCE)					
TOTAL						
					SUBTOTAL:	\$ 1,687,440.00
					SOFT COSTS (10%):	\$ 168,744.00
					CONTINGENCY (10 %):	\$ 168,744.00
					TOTAL:	\$ 2,024,928.00