

# **Athletic and Recreation Facilities Condition Assessment and Usage Report Towns of Hamilton and Wenham, MA**

**M a y 2 , 2 0 1 2**

## **table of contents**

---

Section 1.0	Introduction, Background, and Purpose
Section 2.0	Field Assessment Methodology
Section 3.0	Base Plan Development
Section 4.0	Field Assessments – Short-Term Recommendations
Section 5.0	Scheduled Field Demand – Team Uses
Section 6.0	Field Demand Impact – Equivalent Team Uses
Section 7.0	Field Use Schedule
Section 8.0	Field Demand Conclusions

## **enclosures**

---

Enclosure 1	– Field Assessments
Enclosure 2	– Base Maps
Enclosure 3	– Field Use Matrix
Enclosure 4	– Net Effective Uses
Enclosure 5	– Summary of Uses



## **ATHLETIC AND RECREATION FACILITIES CONDITION ASSESSMENT AND USAGE REPORT**

### **TOWNS OF HAMILTON AND WENHAM, MA**

#### **Section 1.0 – Introduction, Background, and Purpose**

Gale Associates, Inc. (Gale) was engaged by the Hamilton-Wenham Recreation Department to assist the Towns with the development of a Recreation and Facilities Needs Assessment and Master Plan. As an initial step in this effort, Gale completed an evaluation of the twelve (12) recreation sites included in the study. Additionally, Gale completed a demand assessment to quantify the use made of the existing facilities and to assess their adequacy. This initial deliverable is a Preliminary Report which addresses the following questions:

- What is the general condition of the population of recreational and athletic field sites included as part of this project?
- What record information or base plans are available for each?
- What are some of the immediate repair or renovation needs for each site (as opposed to redevelopment)?
- How many scheduled uses, by type, does each field sustain in a given year?
- What is the resultant impact on the quality of turf associated with this demand?

This Preliminary Report will set the stage for Phases II and III of the Recreation and Facilities Plan project, the Recreation Needs Survey Summary and the development of schematic plans for additional facilities or improvements to the existing sites, consistent with the priorities identified in this report.

#### **Section 2.0 - Field Assessment Methodology**

The first step in the Recreation and Facilities Planning effort was to identify, inventory, and assess the existing conditions at each recreation facility. The scope of this study included facilities and fields at each of the following sites:

- Patton Park
- Pingree Park
- Donovan Field
- Fairhaven Field
- DPW Field



- Iron Rail Fields
- West Wenham Park
- Hamilton-Wenham Regional High School
- Middle School
- Winthrop School
- Cutler School
- Buker Elementary

There are a total of twenty-two (22) individual athletic fields (baseball, softball, and multi-purpose rectangular fields) and related facilities that were analyzed throughout these twelve (12) sites.

Each recreation facility was visited by Gale staff and standard field evaluation forms were completed for each athletic field present at each location (*Enclosure 1*). Gale completed photo documents and took measurements as required to assess geometric compliance with applicable standards.

The assessment was performed using accepted industry standards and guidelines where available. A good example of the use of structured guidelines by which to assess an area of these fields is the Hamilton-Wenham Regional High School site. The National Federation State High School Association (NFHS) and Massachusetts Interscholastic Athletic Association (MIAA) guidelines were followed in the evaluation of the high school field layout and equipment. Similarly, the Architectural Access Board Guidelines were used to assess ADA compliance. Federal Playground Safety Standards were used to assess play structures and surfacing.

The fields were evaluated for general condition, serviceability (are systems and equipment in good repair and meeting the intended purpose) and safety. The findings within each functional area are documented as they relate to the safety, serviceability, and accessibility of the components.

Based on assessment findings and conclusions, Gale prepared recommendations for each individual site. The recommendations included herein do not consider economic constraints of available budgets. Instead, the deficiencies identified and the recommended actions to be taken form the basis for the next step in the process, which is the development of a Recreation and Facilities Plan for the Hamilton-Wenham Recreation Department.

### **Section 3.0 - Base Plan Development**

An essential task to this Recreation and Facilities Planning effort is the creation of a suitable base plan for each site in AutoCAD to serve as the basis for the schematic planning effort to follow. Gale consulted FEMA maps, topographic information, wetland data, and



aerial mapping available through Mass GIS. Additionally, we met with Town officials to obtain pertinent site information and data available. Gale produced a base plan for each field, as provided in *Enclosure 2*.

Because sufficient property line data was not available through the Massachusetts or Hamilton GIS systems, these plans do not reflect property line data. While this is sufficient for this planning effort, these plans are not suitable for detailed design, and any projects completed as a result of this Recreation and Facilities Plan in the future will require a full property line and topographic survey. The results of these surveys may or may not require modifications to the Master Planning assumptions.

#### **Section 4.0 - Field Assessments – Short-Term Recommendations**

The individual field assessment reports, provided at *Enclosure 1*, detail the assessment and general condition of each facility. Additionally, Gale has compiled a listing of short-term maintenance and repair items required at each of the subject sites to address immediate needs. These repairs are required to provide safe, serviceable, and accessible facilities, and are not related to the capital improvements or renovation strategies to be presented in subsequent submissions. They are summarized as follows:

##### **Section 4.1 - Patton Park**

Patton Park (refer to Base Map at *Enclosure 2*) contains two (2) baseball fields, including a 60' baseball diamond and a 90' baseball diamond, as well as a multipurpose field area within the outfields. The park also includes a full basketball court, three (3) tennis courts, a concessions building, recreational pond, playground, pool, pool house restrooms, and maintenance buildings.

The overall turf quality at the park is fair to poor due to poor turf growth density, lack of sufficient seasonal maintenance, weed infestation, and areas of poor drainage and poor planarity. An increasing problem at Patton Park is goose infestation, resulting in droppings throughout the field areas. The 60' diamond, tennis courts, and basketball courts are lighted. While the tennis courts appear to be in good structural condition, the basketball court is in fair condition due to lack of amenities, minor planarity issues, and some heaves and ruts in the asphalt mat. The pool is in poor condition due to its age, lack of proper maintenance, lack of amenities, and small size. The pool, deck, and restrooms are in need of repair or replacement. Specific recommendations include:

##### **60' Baseball Diamond & MPR in Outfield**

- Dimensional constraints: 160' to right field does not meet 200' Little League dimensions and limits field use.
- General maintenance required, i.e. re-grading of pitcher's mound, weed removal, infield mix supplementation, and infield seasonal repair. The stone



dust and clay mix base paths, pitcher's mounds, and home plate areas should be re-graded, supplemented, and repaired to eliminate lip, infield mix migration, and weeds.

- Weed removal and stone dust installation should be performed within the player's seating and spectator areas. Weed removal should also be performed within the limits of the coaches' areas. No fenced or enclosed dugout areas are provided for player safety.
- Existing fields need to be aerated to relieve compaction, top-dressed, fertilized, reseeded, and re-grown to eliminate bare spots.
- No irrigation is provided.
- 20' backstop is in good condition. Fencing is limited to 6' chain link fence along baselines and does not extend through the outfield. Recommend installation of outfield fencing or temporary outfield fencing during play.
- Spectator seating is not provided. Additionally, spectator viewing areas are within 350' of the 90' baseball diamond batters box and pose a potential safety hazard.
- There is no ADA accessible route to the field. A walking path from the parking areas to the field shall be constructed to enhance pedestrian flow, accessibility, and eliminate potential pedestrian/vehicular conflicts.
- Turf conditions on the multipurpose field area are poor; there are bare areas, scarce turf growth, goose droppings, some heaves and dips and several areas of poor drainage.
- Multipurpose field area needs to be top-dressed, fertilized, reseeded, and re-grown to eliminate bare spots.
- Five (5)-pole athletic lighting system in good condition.

#### 90' Baseball Diamond

- Field overuse with potential for athlete injury.
- Re-grading of outfield required due to low spots, heaves, ruts, and depressions, specifically in left field.
- Pitcher's mound should be reconstructed and re-graded.
- General maintenance required, i.e. re-grading, weed removal, base path repair, raking, and lip removal.

- Infield to be supplemented with a free draining infield mix.
- Outfield shall be aerated to relieve compaction. Consider installation of flat panel drainage system to improve drainage conditions currently prohibiting use of field after rain events.
- Existing field needs to be aerated, top-dressed, fertilized, reseeded, and re-grown to eliminate bare spots.
- No irrigation is provided.
- Backstop (30') meets dimensional spacing requirements; however, it does not provide a hood for spectator/player safety.
- Fencing extends along baselines and terminates at first and third base. No outfield fencing is provided. Temporary outfield fencing is provided during seasonal use.
- Spectator seating and ADA accessibility should be provided from the parking lot. Gravel parking lot is in poor condition with potholes, ruts, and heaves and several areas of ponding water.
- Spectator seating consists of one (1) portable unit which is in poor condition and does not meet ADA or life safety code requirements.
- Player seating areas consist of benches on a gravel base. No fenced in dugout areas are provided, resulting in a potential player safety issue. At a minimum, the player seating areas shall be weeded and raked to avoid mud and non-erosive groundcover.
- Amenities such as dugouts, scoreboard, and lighting are not provided.

### Three (3) Standard Tennis Courts

- Tennis courts are in good condition. There does not appear to be planarity or structural base mat issues.
- Foot traffic between the tennis courts, parking lot, and basketball courts does not allow for adequate turf cover. An asphalt, concrete, or stone dust path shall be created to allow for better flow of pedestrian traffic and adequate landscaping.
- An accessible route to the tennis courts is not provided.



### One (1) Full Basketball Court

- There is no 10' high perimeter fencing for ball containment and safety purposes; it is recommended that one be installed.
- Courts are currently not surfaced. Acrylic surfacing provides improved court performance and an improvement in terms of aesthetics; the surfacing of these courts is recommended.
- At a minimum, it is recommended that one (1) basketball rim and net be replaced.
- Asphalt mat appears to be in fair structural condition.
- An accessible route to the basketball court is not provided.

### Playground

- Recommend the addition of a 4' high perimeter chain link fence for the purposes of safety.
- Surface containment edging should be installed; no edging currently exists.
- Equipment is in good condition; however, is not designed or grouped adequately for age-appropriate use.
- Existing surfacing material should be verified and brought up to correct depth per maximum fall height. Surfacing should be raked to distribute, grade, and remove debris. Current surfacing is not accessible.
- Does not contain age-appropriate signage per the U.S. Consumer Product Safety Commission (CPSC) and American Society for Testing and Materials (ASTM) Playground Safety Guidelines; proper signage should be installed.
- Play equipment is not located in a central area where adequate surfacing is provided throughout. Equipment is scattered throughout several areas which does not promote contained use and adequate age-appropriate distinction. Recommend upgrade of equipment and installation in two (2) contained areas to promote use of age-appropriate equipment.

### Section 4.2 - Pingree Park

Pingree Park is located between Main St and Union St, opposite from the Hamilton-Wenham Public Library. The park consists of two (2) 60' baseball diamonds, one (1) 90' baseball diamond, four (4) tennis courts, and a playground. The fields are accessed by a 15' bituminous drive off from Main Street and Union Street. A gravel



parking lot is located off from Main Street and has a capacity of approximately sixty (60) vehicles. The overall turf quality and serviceability at the Park is fair to good, however the fields are constrained by dimensions and solar orientation. Irrigation is not provided to the fields at Pingree Park. Specific recommendations include:

60' Baseball Diamond (Cheeseman Field)

- The field is in generally good condition with exception of the dimensional constraints (13' short of regulation distance to foul pole) requiring a waiver for Little League play. The field should be expanded to meet Little League dimensional regulations.
- The solar orientation of the field is poor (south-southwest). Optimum solar orientation is east-northeast.
- The stone dust and clay mix base paths, pitchers' mounds, and home plate areas are in generally good condition. Recommend general seasonal maintenance only.
- Player seating areas in good condition. Minor maintenance required (i.e. weeding, raking).
- Turf condition is generally good. Sprinkler system is installed, however is rarely used due to Town water bans.
- Spectator seating is in good condition, however it is not ADA accessible. An accessible route to ADA accessible seating shall be incorporated.
- Fencing and backstop is in like new condition. Player seating areas and entire diamond and outfield are fully fenced with safety rail cap.
- There is no ADA accessible route to the field. A walking path from the parking areas to the field shall be constructed to enhance pedestrian flow, accessibility, and eliminate potential pedestrian/vehicular conflicts.

90' Baseball Diamond (Wildes Field) & Multipurpose Field

- The field is in generally fair condition. The solar orientation of the field is poor (south-southwest). Optimum solar orientation is east-northeast.
- Distance to right field foul pole is approximately 250', which does not meet NFHS regulations of a 300' foul pole distance.
- The stone dust and clay mix base paths, pitchers' mounds, and home plate areas are in fair condition. Base paths and pitchers' mounds require significant weeding, raking, re-grading, and lip removal.

- Player seating areas and coaches boxes are in good condition.
- Recommend installation of fencing to extend from backstop along first and third base lines. No fencing/netting is installed other than at the backstop and player seating areas. Additional fencing should be installed for player/spectator safety.
- Turf condition is generally good. Several bare spots in infield and outfield due to use as multipurpose field in areas. Turf needs to be top-dressed, fertilized, reseeded, and re-grown to eliminate bare spots.
- Spectator seating is not provided.
- There is no ADA accessible route to the field. An accessible route shall be provided to an accessible spectator seating area.

#### 60' Baseball Diamond (Black Field)

- The field is in generally fair condition. Dimensional constraints (190' to RF) do not meet Little League regulation field dimensions. The field should be expanded to meet the requirements.
- The solar orientation of the field is generally good.
- The stone dust and clay mix base paths, pitchers' mounds, and home plate areas are in fair condition. Infield mix is poorly drained and should contain appropriate proportions of sand, silt, and clay to improve drainage. Recommend weeding, supplemental infield mix, raking, and removal of lip buildup.
- Player seating areas in good condition. Minor maintenance required (i.e. weeding, raking).
- Turf condition is generally fair with exception of planarity. Right field contains a significant drop in grade which poses a potential safety hazard. The slope of the turf beyond outfield is graded toward the infield and toward the low spot in right field.
- Spectator seating is not provided.
- Fencing is in like new condition. Player seating areas and entire diamond and outfield are fully fenced with safety rail cap.
- There is no ADA accessible route to the field. A walking path from the parking areas to the field shall be constructed to enhance pedestrian flow, accessibility, and eliminate potential pedestrian/vehicular conflicts.

- Fencing should be provided between the parking and playground areas and the field.

#### Playground

- Existing surfacing material should be verified and brought up to correct depth per maximum fall height. Several areas beneath play structures do not contain adequate depths of surfacing. Surfacing should be raked to distribute, grade, and remove debris. Current surfacing is not accessible.
- Does not contain age-appropriate signage per the U.S. Consumer Product Safety Commission (CPSC) and American Society for Testing and Materials (ASTM) Playground Safety Guidelines; proper signage should be installed.
- Playground equipment shall be separated and grouped based on age-appropriateness.
- Building up of debris, vegetation, pine needles shall be removed from playground.
- Seating/standing areas surrounding playground should be re-graded and/or supplemented with gravel/stone dust to avoid wet, muddy areas.
- A walking path from the playground to the athletic fields should be provided to avoid muddy, erosive ground.
- Playground equipment scattered around the parking area shall be removed and/or relocated to avoid potential safety issues with adjacent parking lot. Playground equipment shall be grouped in a central location.

#### Four (4) Standard Tennis Courts

- Tennis courts are in fair to poor condition. The tennis courts are nearing the end of their useful life. Although there does not evidence of significant structural base mat issues, it appears that cracks in the asphalt wearing course have been attempted to be repaired. The courts require milling and re-surfacing to remove cracks, correct heaves, dips, and ruts (causing ponding), and provide an adequate playing surface.
- Spectator seating is not provided.
- Fencing is in poor condition and is out of plumb, rusting, and does not contain mid or bottom rails for adequate tension of fence fabric. Fence posts, rails, fabric, and gates shall be replaced.



- Foot traffic between the tennis courts, parking lot, and field areas does not allow for adequate turf cover. An asphalt, concrete, or stone dust path shall be created to allow for better flow of pedestrian traffic and adequate landscaping.

#### Parking Area

- Existing gravel parking area should be re-graded, if not paved, to provide positive drainage. Several potholes, heaves, and ruts shall be corrected.
- Parking area does not provide formal ADA accessible parking. An area should be paved to denote handicap parking spaces and to ensure that the appropriate amount of space is allotted.
- No edging or fencing is installed to prohibit vehicular access to field and avoid potential safety conflicts between the parking area and field of play.

### Section 4.3 - Donovan Field

#### One (1) 60' Baseball Diamond

- Field conditions are poor. Diamond requires complete reconstruction of skinned infield area, including base paths, mound, and batters box.
- Solar orientation of baseball field is poor (south-southeast). Optimal orientation is east-northeast.
- Outfield areas should be re-graded and reconstructed to include a subsurface drainage system. Poor drainage throughout outfield due to grading and compacted soils. At a minimum, existing playing field needs to be top-dressed, fertilized, reseeded, and re-grown to eliminate bare spots.
- Player seating areas shall be weeded and supplemented with gravel and/or stone dust.
- Spectator seating is not provided. ADA Accessibility to the field is not provided.
- Irrigation is provided, however is not active.

#### One (1) Multi-purpose Rectangular Field

- Turf conditions are poor due to very poor drainage, planarity, and over-compacted soils.

- Existing playing field areas needs to be re-graded, top-dressed, fertilized, re-seeded, and re-grown to eliminate bare spots.
- Use of multipurpose field area should be de-conflicted with the baseball diamond to maximize use of the facility.
- There are no player and spectator seating areas. No accessible routes are provided to the field areas.
- Fencing and/or protective sports netting should be installed to avoid lost balls in the adjacent woods, which are typically infested with ticks and mosquitoes.
- Irrigation is provided, however is not active.

#### Parking Areas

- No formal parking is provided. The gravel access drive is in poor condition due to poor drainage and erosion. The access drive shall be reconstructed and/or paved.
- A formal parking area shall be constructed to include a bus turn-around and accessible parking spaces.
- An accessible pedestrian route shall be provided from the parking area.
- Fencing shall be provided around the field areas to prohibit vehicular access to the fields.

#### Section 4.4 - Fairhaven Field

##### One (1) Multi-purpose Rectangular Field (340' x 180')

- Turf conditions are good. Few bare areas at goalmouths that require top-dressing, fertilization, re-seeding, and re-growth.
- Dimensional constraints do not allow for full size MIAA soccer or lacrosse, but are adequate for lower level uses.
- Recommend installation of 4' chain link fencing around the perimeter of the field play area for ball containment and safety.
- Irrigation system is installed, however is sparingly used due to Town water bans.

- Parking area is in good condition and provides accessible parking and an accessible route to the adjacent library and recreation center, as well as the field.
- Site amenities such as scoreboard, storage, and seating areas are not provided. An accessible route shall be provided to accessible spectator seating areas.

#### Playground

- Existing surfacing material should be verified and brought up to correct depth per maximum fall height. Several areas beneath play structures do not contain adequate depths of surfacing. Surfacing should be raked to distribute, grade, and remove debris. Current surfacing is not accessible.
- Does not contain age-appropriate signage per the U.S. Consumer Product Safety Commission (CPSC) and American Society for Testing and Materials (ASTM) Playground Safety Guidelines; proper signage should be installed.
- Surfacing containment shall be provided, as well as a 4' chain link fence for safety during concurrent use of the multipurpose field and playground.

#### Parking Areas

- Parking area for the adjacent Library and Recreation Department is paved, has formal drainage, and is in good condition.
- It appears that parking availability may be limited during use of the field areas.
- Accessible parking is provided.

### **Section 4.5 - DPW Field**

#### One (1) Multi-purpose Rectangular Field (156' x 120')

- Field is constrained dimensionally and has poor planarity, prohibiting play at a variety of levels.
- Turf conditions are fair due to weak turf growth in several areas. Because the field is not used significantly, there are not significant bare areas or areas requiring full reconstruction.
- Dimensional constraints do not allow for full-size, small-ball sports. A backstop is provided in the southeast corner of the facility for T-ball, however it is in failing condition and no diamond is constructed.

- Recommend installation of 4' chain link fencing around the perimeter of the field play area for ball containment and safety.
- Recommend reconfiguration of the facility as a dedicated diamond or multipurpose field area to allow for maximum use.
- Parking area is not provided to the facility. Parking at the DPW building is minimal. An accessible route is not provided.
- Site amenities such as scoreboard, storage, and seating areas are not provided. An accessible route shall be provided to accessible spectator seating areas.

#### **Section 4.6 - Iron Rail Fields**

##### **Field 9 – Multipurpose Rectangular Field (195' x 330')**

- Turf conditions are good. Few bare areas at variety of goalmouth areas that require top-dressing, fertilization, re-seeding, and re-growth. Root zone appears to be healthy.
- Field dimensions adequate for most MIAA sporting events, including soccer and lacrosse.
- Recommend installation of 4' chain link fencing around the perimeter of the field play area for ball containment and safety.
- Parking areas are in fair condition. Two (2) gravel parking areas with wooden fence at perimeter. No accessible parking provided.
- Site amenities such as scoreboard, storage, and seating areas are not provided. An accessible route shall be provided to accessible spectator seating areas.
- Planarity of the field is good with exception of some heaves/ruts in playing areas.

##### **Field 8 – Multipurpose Rectangular Field (210' x 330')**

- Turf conditions are good. Few bare areas at goalmouths that require top-dressing, fertilization, re-seeding, and re-growth.
- Planarity of the field is good with exception of some heaves/ruts in playing areas.

- Southeast corner of field is adjacent to wetland and experiences poor drainage in wet season.

Field 7 – Multipurpose Rectangular Field (175' x 310')

- Turf conditions are fair to good. Several bare areas at various goalmouth areas that require top-dressing, fertilization, re-seeding, and re-growth.
- Dimensions of field are adequate for the majority of youth level sports, although not ideal for MIAA level soccer or lacrosse events.
- Planarity of field is fair, with several dips and heaves, and an inconsistent slope.
- Field is at a low elevation and drains poorly in the wet season, prohibiting play and effecting serviceability.

Section 4.7 - West Wenham Park

One (1) Multi-purpose Rectangular Field (145' x 106')

- Field is constrained dimensionally and has poor planarity, prohibiting play at nearly any level.
- Turf conditions are fair due to the limited use. Because the field is not used for organized sports there are not significant bare areas or areas requiring full reconstruction.
- Dimensional constraints do not allow for maximum use of the facility.
- Parking area is not provided to the facility. Parking along the side of the street is a potential safety hazard. Accessibility to the field area is cost-prohibitive due to the site topography.
- Recommend reconsidering uses of the open field area.

One (1) Standard Tennis Court

- Tennis court in poor condition due to significant cracking and apparent structural deficiencies in the asphalt mat. The courts require complete pulverization and reconstruction to become adequately serviceable and avoid potential safety hazards associated with the failing asphalt mat.
- The asphalt mat has significant dips, heaves, and ruts, causing ponding and an out of level play surface.

- 10' chain link fencing around the perimeter of the court is in fair to poor condition. Fencing is rusting in some areas and is leaning out of plumb. Fencing does not contain mid or bottom rails for adequate tension of fence fabric. The fence posts, rails, fabric, and gates should be replaced.
- Spectator seating is not provided.
- An accessible route is not provided.

#### One (1) Basketball Court (60' x 40')

- Basketball court is in poor condition due to significant cracking and apparent structural deficiencies in the asphalt mat. The court requires complete pulverization and reconstruction to become adequately serviceable and avoid potential safety hazards associated with the failing asphalt mat.
- Dimensions of the basketball court are significantly smaller than the "Ideal Measurements" provided by NFHS as 84' x 50'.
- The asphalt mat has significant dips, heaves, and ruts, causing ponding and an out of level play surface.
- 10' chain link fencing is shared on the western edge of the court with the tennis court. No additional fencing is provided. Full perimeter fencing shall be provided for ball containment and safety purposes, especially considering the topography to the south of the court.
- Basketball goals are in poor condition and should be fully replaced.
- Spectator seating is not provided. An accessible route is not provided.

### Section 4.8 - Hamilton-Wenham Regional High School

The outdoor athletic facilities at Hamilton-Wenham Regional High School consist of four (4) multipurpose rectangular fields, a 60' baseball diamond, a 90' baseball diamond, and a 400-meter running track and field events.

#### Field 1 – 330' x 170' Multipurpose Rectangular Field & 60' Diamond

- The turf on this field is in fair to good condition, with some repairs necessary due to worn and bare patches of turf in localized areas (goalmouths, center, and sideline area).
- Areas of the field need to be top-dressed, fertilized, re-seeded and re-grown, and rested to eliminate bare spots in localized areas.



- There is no ADA accessibility provided to the field and there are no spectator seating areas. An accessible route shall be provided from the parking areas to accessible spectator seating.
- No apparent drainage issues.
- The 60' diamond infield and backstop are in failing condition and are no longer useful for baseball or softball purposes and should be demolished to expand natural turf field areas.

Field 2 – 330' x 180' Multipurpose Rectangular Field

- This field is in poor condition. It has sparse growth and significant deficiencies related to poor root-zone development, bare areas, ruts, and worn turf cover.
- The field exhibits poor drainage after a rain event due to overuse and over-compacted soils. Drainage issues prevent scheduling events after rain events. Aeration to relieve compaction and a potential subsurface drainage system shall be implemented.
- Entire field area needs to be top-dressed, fertilized, re-seeded and re-grown, and rested to eliminate bare areas throughout.
- There is no ADA accessibility provided to the field and there are no spectator seating areas. An accessible route shall be provided from the parking areas to accessible spectator seating.

Field 3 – 330' x 180' Multipurpose Rectangular Field (Baseball Outfield)

- This field is in fair to poor condition. It has sparse turf growth and deficiencies related to worn turf, poor root-zone development, bare areas, and ruts.
- Areas of the field need to be aerated to relieve compaction, top-dressed, fertilized, re-seeded and re-grown, and rested to eliminate bare spots in localized areas.
- The rectangular field is in conflict with the outfield of the baseball field and therefore prohibits concurrent use in the spring.
- There is no ADA accessibility provided to the field and there are no spectator seating areas. An accessible route shall be provided from the parking areas to accessible spectator seating.

### Track and Field Event Venues

- The track is in fair to good condition and does not appear to have significant slope, planarity, or drainage issues affecting its serviceability. The trench drain appears to be in fair condition due to some cracking and peeling of the surface.
- The track asphalt base mat appears to be in good condition, with no apparent structural deficiencies. Track surfacing is in fair to good condition, and is not experiencing delaminating, UV degradation, or significant wearing.
- The track has six (6) lanes on the oval and straightaway. Eight (8) lanes on the straightaway are recommended for the most efficient meet management.
- Long/triple jump runways are in good condition. Long/triple jump pits should be raked and supplemented with sand.
- Pole vault runway is in good condition.
- Throwing events are located in an open field area to the north of the track. Concrete pads and cages appear to be in good condition.

### Game Field

- The football field turf is in generally good condition due to constrained use. The field is irrigated and has fair growth density. Compaction should be relieved through aeration. Several localized areas are worn throughout the center of the field and along the player seating areas and need repair in the form of topdressing, fertilizing, re-seeding and re-growth.
- Drainage issues due to compacted soils prevent scheduling of events after significant rain events.
- The grandstands are in good condition and appear to be in compliance with accessibility regulations in terms of ramps, ADA seating, safety railings, and toe-board panels.

### Baseball Field

- The baseball field is in poor condition and requires full reconstruction.
- Due to the use of the outfield as a multipurpose rectangular field, the turf growth density is fair to poor and there is significant wear and throughout the outfield. Turf areas need to be repaired by topdressing, fertilizing, re-seeding and re-growing through the rest period.

- The infield is in poor condition and requires weeding, raking, removal of lip buildup, reconstruction of mound, and supplemental infield mix proportioned to promote drainage.
- Fencing is located along the third baseline to prevent foul balls into the track area and is in good condition.
- Distance from batter's box to backstop is approximately 20' and does not meet the recommended distance of 60'.
- There is no spectator seating and no ADA access to the field.
- No amenities (scoreboard, player seating, spectator seating) are provided.

#### **Section 4.9 - Middle School**

##### **60' Baseball Diamond**

- The field is in generally fair condition.
- The solar orientation of the field is not optimal (southeast).
- The stone dust and clay mix base paths, pitchers' mounds, and home plate areas are in poor condition and require seasonal maintenance. Infield mix is poorly drained and should contain appropriate proportions of sand, silt, and clay to improve drainage. Recommend weeding, supplemental infield mix, raking, and removal of lip buildup.
- Player seating areas in good condition.
- Backstop and fencing in like new condition.
- Turf condition is generally fair with exception of localized areas where turf is worn. Compacted soils appear to restrict drainage. Drainage in outfield is poor due to adjacent wetland areas, specifically in right field.
- Spectator seating is not provided.
- There is no ADA accessible route to the field. A walking path from the parking areas to the field shall be constructed to enhance pedestrian flow, accessibility, and eliminate potential pedestrian/vehicular conflicts.

#### **Section 4.10 - Winthrop School**

##### **60' Baseball Diamond**

- The field is in generally poor condition.
- The stone dust and clay mix base paths, pitcher's mound, and home plate areas are in poor condition and require complete reconstruction. Recommend weeding, supplemental infield mix, raking, and removal of lip buildup at a minimum. Infield mix does not promote drainage. Grading of pitcher's mound does not meet requirements.
- Outfield fencing is not provided due to use of adjacent field areas.
- No parking facilities are provided adjacent to the field. No accessible routes are provided from the school parking lot to the field. Spectator seating is not provided.
- Turf quality is poor due to several bare areas and low turf growth density throughout the entire outfield and infield.
- The outfield should be re-graded to eliminate low spots throughout center and left field. Use of outfield as multipurpose field area results in poor turf quality throughout.

#### **Section 4.11 - Cutler School**

##### **60' Baseball Diamond**

- The field is in generally fair condition.
- Dimensional constraints due to significant upward sloping of outfield in left field.
- Solar orientation of the field is poor (south-facing).
- Distance to backstop (15') less than recommended (25') Little League distance.
- The stone dust and clay mix base paths, pitchers' mounds, and home plate areas are in poor condition and require seasonal maintenance. Recommend weeding, supplemental infield mix, raking, and removal of lip buildup.
- Player seating is provided by benches, with no dugout or fencing. Seating areas in very close proximity to roadway and would recommend fenced player seating areas.

- Spectator seating is not provided.
- No accessible route is provided from school parking areas.
- Turf condition is fair to poor due to several bare areas, worn turf, and weed infestation.
- Planarity of the field is poor due to sloping of land in outfield.

#### **Section 4.12 - Buker Elementary**

##### **Two (2) - 60' Baseball Diamonds**

- The fields are in generally fair to poor condition.
- Both fields are dimensionally constrained (140' – 150' to outfield) due to shared use of outfields and location of school access routes.
- Turf quality is fair to poor due to several bare areas, low turf growth density, and lack of seasonal maintenance. Irrigation is not provided to the fields.
- Entire field area needs to be top-dressed, fertilized, re-seeded and re-grown, and rested to eliminate bare areas throughout.
- Base paths, pitchers' mounds, and batter's boxes require reconstruction. The outfield contains several dips, heaves, and ruts, as well as unprotected manhole covers.
- Player seating is provided and is in close proximity to roadways. Recommend fenced dugouts and additional fencing along roadways.
- Spectator seating is not provided.

Overall, the sites are in generally fair condition. A majority of the fields throughout these sites have deficiencies in similar areas, which are dimensional constraints, grading and drainage concerns, parking facilities, spectator seating, and ADA accessibility. The fields which experience dimensional constraints and drainage issues specifically result in a compromise on the serviceability and availability of the fields. Additionally, all of the Little League baseball fields, with the exception of Cheeseman Field at Pingree Park, do not have the proper outfield fencing, making it difficult to determine each facility's adherence to any governing dimensional standards.

Again, it is not the intent of this Assessment Report to address the renovation and redevelopment recommendations for each facility. That will be addressed in a subsequent report. Rather, these comments are intended to define existing site conditions and

establish those repairs and upgrades necessary to make the sites more fully serviceable, safe, and compliant.

### **Section 5.0 - Scheduled Field Demand – Team Uses**

An essential task in this study was to determine the extent to which athletic fields are used and rested. During the assessment phase, Gale met with the Hamilton-Wenham Recreation Department, and contacted the athletic directors and leadership of youth sports and various other users of the existing fields. Based on these meetings, Gale and the Recreation Department determined the approximate seasons of play, number of teams, number of events (games and practices), and facilities utilized for each sport. The total number of team uses (a team use being 10-20 persons using the field for a two (2) hour event) was then established for each playing field.

The Towns maintain essentially twenty-two (22) athletic fields. Some fields, such as those at Patton Park and Pingree Park, which have shared multi-purpose rectangular fields and baseball diamonds, while serving multiple purposes, are considered only a single field. Regardless what use is made of the field, either baseball or soccer, the outfield is experiencing the team use as if it is a single field. As a result, shared combination fields are counted as a single field.

At *Enclosure 3* is a field use matrix for all field uses, as utilized by the high school users, middle school users, elementary school users, Town sponsored events, summer camp type users, youth sports, and all others in the community. The totals are an accurate reflection of all of the formal scheduled field uses for each site in a given year. It is conservative in that it does not include other informal uses that may be made of each facility.

It is estimated that a properly maintained, rested field can accommodate up to 200 scheduled uses per year and still maintain an acceptable stand of athletic turf. If the field is not rested either in the spring or fall for a 30-day period while cold climate blue grasses are in active growth, or if other maintenance requirements are not met (irrigation, fertilization, top dressing, and over-seeding), then the sustainable use numbers decrease accordingly.

As reflected in the demand analysis matrix at *Enclosure 3*, many of the Towns' fields currently experience more than 250 scheduled team uses per year. These fields cannot sustain an acceptable stand of turf even if properly well maintained and rested. Clearly, the most heavily scheduled field in the Towns are the Patton Park fields, High School Field 2, Buker Elementary fields, and Fairhaven Field, each nearing or exceeding around 400 annual uses. The largest contributor to the use of the playing fields in the Towns is clearly the youth sport users, with Little League and Youth Soccer utilizing the majority of the field space on an annual use basis.

Out of all the sites analyzed, there are eleven (11) fields (nine (9) site locations) of the twenty-two (22) athletic fields in the Town which are over scheduled, i.e. see an average of over 250 scheduled team uses per year. Another three (3) fields experience over 200 uses



and must be aggressively maintained and rested to maintain an acceptable safe stand of turf. As a result, fourteen (14) out of twenty-two (22) athletic fields maintained by the Towns are either broken down or heavily distressed.

Significantly, there are nearly 5,300 scheduled team events occurring on Hamilton-Wenham athletic fields every year. This number is based on scheduled events only; it does not include informal uses. The average number of scheduled team uses experienced by each field in the Towns, assuming that all uses were pro-rated over the existing population of fields uniformly over the Towns' inventory of 22 fields, is 240 events per year. However, this method is inaccurate in determining the amount of field space required due to varying field dimensions, uses, and accounting for those fields that are not useable for the majority of organized sporting events. It is apparent that there is a deficit in field space if the current recreation and school programs are to be sustained and/or expanded.

### **Section 6.0 - Field Demand Impact – Equivalent Team Uses**

While the number of scheduled uses is important to gain an understanding of field space adequacy and turf quality, it can be misleading, as scheduled uses do not always correlate to damage to the turf condition. Obviously, high school football is more deleterious to turf condition than Little League baseball. As a result, we must account not only for the number of uses, but for the type of use and age of the participants, as well by applying an impact factor to the raw scheduled use data.

As is commonplace in athletic facility planning, we have somewhat arbitrarily assigned an impact factor of 1.0 to women's soccer as the average activity in terms of field impact and deterioration. We have assumed that adult football is twice as damaging to the turf and assigned it a 2.0 impact factor accordingly. Other impact factors for various sports were assigned accordingly, and multiplied by the number of scheduled uses for each type of activity to yield the equivalent team uses in terms of turf damage and impact.

The resultant impact matrixes (net effective uses) are provided in *Enclosure 4*. This matrix includes the uses associated with the high school users, middle school users, elementary school users, youth sport users, summer camp users, and other Town users. While this approach is arguably somewhat imprecise, it is a definite improvement over the consideration of raw scheduled use data alone, as it does account for differences in the impact on turf condition of the various uses on the athletic fields across the Town.

The equivalent scheduled team use data for fields which routinely sustain use for adult sports, such as men's lacrosse or football, tend obviously to be higher than actual scheduled uses, while those for fields which are routinely used for Little League baseball tend to be less. In general, however, the summary data included as part of *Enclosure 4* suggests that the trends and conclusions above regarding field use within the Town are generally unchanged, and perhaps somewhat more compelling.

## **Section 7.0 - Field Use Schedule**

How a field is scheduled is an important consideration in its ability to sustain heavy use with an acceptable decrement in turf condition. Obviously, a field with 250 scheduled uses stretched out over the year (May through October) behaves differently than if this use was broken up with rest period(s) provided. Ideally, a natural turf field should have a 30-day rest period during the active growing season (spring or fall) during which to repair the rootzone damage it has sustained and to propagate new crown growth. A rest period in the summertime is much less effective as the cool weather grasses, such as blue grass, are dormant.

An assessment of the seasonal uses of each field in the Hamilton-Wenham inventory leads us to the conclusion that not only do the fields sustain heavy use, but that the majority of the usable fields do not have a spring or fall rest period. A summary of the annual and seasonal uses is included as *Enclosure 5*.

## **Section 8.0 - Field Demand Conclusions**

The Hamilton-Wenham fields sustain heavy use and the majority of these fields do not have a spring or fall rest period. The fields that appear to have a rest period are the baseball diamonds at Pingree Park, the diamond at Donovan Field, and the multipurpose Field 1 at the High School. The multipurpose field at West Wenham also has a rest period, however the field is so insufficiently sized and has such poor planarity that it is used for a mere ten (10) events annually. The majority of the remaining fields do not have a rest period in the spring or fall, to include the most heavily used fields at Patton Park, the High School, and all elementary schools.

An aggressively maintained, irrigated field that is rested for up to one-third of the growing season can theoretically sustain up to 250 team uses per year while maintaining high quality and safe athletic turf. For most municipal fields, which are less well maintained, seldom rested, and often poorly watered, a more realistic level of use is 200 scheduled team uses per year. As may be seen from the demand study results noted above, eleven (11) of Hamilton and Wenham's twenty-two (22) fields experience over 250 team uses per year and the majority are not granted a rest period during the growing season. Additionally, fifteen (15) of twenty-two (22) experience at, or over, 200 uses per year. Some, like Fairhaven Field, Patton Park fields, and Field 2 at the High School, see nearly twice that level of use.

We conclude that even given optimal maintenance efforts and growing conditions, the demands on a number of the playing fields currently in use exceed, or will soon exceed, the level at which it is possible to sustain safe, acceptable quality, athletic facilities.



ENCLOSURE 1

Field Assessments



Gale Athletic &  
Recreation Group

**FIELD EVALUATION  
DATA SHEET**

Date: 1-13-12

Facility Name: Patton Park

Field: 60' Diamond

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

Route 1A

City: Hamilton      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

Manmade pond, 300'± East

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

West: Railroad tracks, 200'± west to private yards across on Maple Street

B. Photo Documents (Insert pertinent photos here):







C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Little League Baseball, Babe Ruth Baseball, Summer Camp

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

Left Field: 200', RF:160', CF:200'+

40' height backstop, distance of 25' from batters box

25' distance from baseline to 4' chain link fence. No significant deficiencies

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**

a. Describe system (brand; age; water source; zones; controls; condition):  
n/a

b. Recommendations:  
n/a

2. Does the field have existing drainage? **No**

a. If yes, what is the depth, spacing, size, backfill, and sleeved?



- b. General condition/effectiveness: Appears to be few standing water/ponding concerns due to poor drainage/over-compaction in areas of left field and center field.
  - c. Recommendations: Aerate to reduce compaction, installation of flat panel drain system if drainage concerns affect serviceability.
- 3. Sports Lighting      **Yes**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition): 5-pole system, Musco, shared with tennis
  - b. Recommendations:
- 4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 4' chain link fence to 60' along baselines. No outfield fencing
  - b. Recommendations: Fencing in good condition. Consider fenced dugouts for player seating area. Do not recommend additional fencing due to multi-use of outfield areas.
- 5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - OK
  - b. bases and home plate - OK
  - c. score boards – N/A
  - d. back stop – 40' width, 20' tall, no hood
  - e. dug out(s) – N/A
  - f. P.A. system – N/A
  - g. spectator seating – N/A
  - h. flag pole – center of Patton Park, OK
  - i. player benches – 2 – 25' in fair condition
  - j. goals/goal posts – N/A
  - k. field marking/stripping – N/A
  - l. parking facilities – Along Asbury Street (paved, 40+ spots). Also parking behind 90' diamond, unpaved, no accessibility routes.



Gale Athletic &  
Recreation Group

- m. site accessibility – No accessible routes from accessible parking areas. No spectator seating, no accessible spectator seating. Gravel drive accesses baseball field.
- n. site safety – Access drive is lined with boulders to prevent vehicular access to fields. Appears to be adequate. Recommend walking paths to avoid spectator use of gravel drive.
- o. site buildings (list type and general assessment only) - Snack shack, fair condition, appears to be adequate.

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Fair to poor growth density/turf cover. Several depressions, slow-draining areas in outfield. Infield condition fair due to weed infestation, additional infield mix, fine grading required.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Field appears to be in fair condition. Over-compaction/potential overuse leads to slow-draining soils. Recommend aeration to relieve compaction, and if needed, topdressing, re-seeding, fertilizing, and re-growth to eliminate bare spots. Recommend supplemental infield mix and weed removal.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)



Gale Athletic &  
Recreation Group

F. Evaluation Summary Table:

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance			X	
Turf Condition		X		
Safety				
Support facilities/equipment		X		
ADA Compliance		X		
Overall:		X		

Additional Comments:

Provide spectator seating, ADA accessible route from parking areas. Maintain infield/weed growth. Player seating areas in fair condition, provide fenced in dugout areas at minimal  
Aerate to relieve compaction, re-seed to improve bare areas of low-turf density.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Patton Park

Field: 90' Diamond

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

Route 1A

City: Hamilton      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

Manmade pond, 100'± East

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

West: Railroad tracks, 300'± west to private yards across on Maple Street

- B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

High School Baseball, Adult Baseball, Summer League Baseball

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

Left Field: 305', RF:290', CF:360'+

40' height backstop, distance of 25' from batters box

25' distance from baseline to 4' chain link fence. No significant deficiencies.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**

- a. Describe system (brand; age; water source; zones; controls; condition):  
n/a

- b. Recommendations:  
n/a

2. Does the field have existing drainage? **No**

- a. If yes, what is the depth, spacing, size, backfill, and sleeved?

- b. General condition/effectiveness: Appears to be several standing water/ponding concerns in left field





**Gale Athletic &  
Recreation Group**

- c. Recommendations:  
Aerate to reduce compaction, installation of flat panel drain system
- 3. Sports Lighting **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
- 4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 6' chain link fence to 90' along baselines. No outfield fencing
  - b. Recommendations: Fencing in good condition. Consider fenced dugouts for player seating area. Do not recommend additional fencing due to multi-use of outfield areas.
- 5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - OK
  - b. bases and home plate - OK
  - c. score boards - N/A
  - d. back stop - 40' length, 30' tall, no hood
  - e. dug out(s) - N/A
  - f. P.A. system - N/A
  - g. spectator seating - 1 - 50 person mobile bleacher unit in poor condition
  - h. flag pole - center of Patton Park, OK
  - i. player benches - 2 - 25' in fair condition
  - j. goals/goal posts - N/A
  - k. field marking/striping - N/A
  - l. parking facilities - Behind diamond, to North, gravel parking area in fair condition. Poor drainage in parking lot





**Gale Athletic &  
Recreation Group**

- m. site accessibility – No accessible routes from parking areas. No accessible spectator seating. Gravel drive accesses baseball field.
- n. site safety – Recommend bollards along gravel drive adjacent to first baseline to prevent vehicular access. Recommend walking paths to avoid spectator use of gravel drive.
- o. site buildings (list type and general assessment only) -  
Snack shack, fair condition, appears to be adequate.

E. Turf Condition (based on Inspection and Interview of Turf Manager):

- 1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

- 2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Fair to poor growth density/turf cover. Several significant depressions, slow-  
draining areas in outfield. Turf condition is worn/bare in several areas and  
has poor root growth development. Field requires aeration to relieve  
compaction, topdressing, fertilizer, re-seeding, re-growth to achieve adequate  
turf cover and drainage through soils. Onsite soils are of moderate draining  
capabilities. Infield needs to be reconstructed, supplemented with good  
infield mix with adequate ratios of silt/sand to promote drainage. General  
maintenance to include weed removal, reconstruction of mound.

- 3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

- 4. Describe the overall appearance of the field:

Field appears to be in fair to poor condition. Over-compaction, depressions  
creating standing water, slow draining soils in outfield areas. Recommend  
aeration to relieve compaction, topdressing, re-seeding, fertilizing, and re-



Gale Athletic &  
Recreation Group

growth to promote good root zone development. Recommend supplemental  
infield mix and weed removal.

5. Were root zone samples taken with Geoprobe? NO

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)

F. Evaluation Summary Table:

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance		X		
Turf Condition	X			
Safety		X		
Support facilities/equipment	X			
ADA Compliance	X			
Overall:		X		

Additional Comments:

Provide spectator seating, ADA accessible route from parking area. Provide dugouts,  
scoreboard, lighting to increase serviceability of NFHS standard of play. Maintain  
infield/weed growth. Re-grade outfield, promote positive drainage. Aerate, reconstruct,  
re-grow field areas to improve root zone development. Pave parking facilities, which appear  
to be heavily used for baseball, Patton Park, Myopia, and passive use (dog walking)



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Pingree Park

Field: 60' Diamond (Black Field)

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

Rt. 1A

City: South Hamilton, MA      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: <u></u>			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

None

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Residential Abutters to the East and West (approximately 200')

B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Youth Soccer, Little League

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

Right Field (195'), Left Field (200'), Center (215')

Soccer Dimension (outfield) = 270'L x 240'W (total)

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**
  - a. Describe system (brand; age; water source; zones; controls; condition):  
unknown
  - b. Recommendations:
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness:
  - c. Recommendations:





**Gale Athletic &  
Recreation Group**

3. Sports Lighting      **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 6' fencing along baselines (40' length) Player seating (like new) fenced in
  - b. Recommendations: Fencing in good condition.
5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - OK
  - b. bases and home plate – OK
  - c. score boards – N/A
  - d. back stop – 40', 25' height with hood, good condition
  - e. dug out(s) – Fenced-in player seating, good condition
  - f. P.A. system – N/A
  - g. spectator seating – N/A
  - h. flag pole – N/A
  - i. player benches – not seen
  - j. goals/goal posts – N/A
  - k. field marking/stripping – Striped for youth soccer/lax outfield in season.
  - l. parking facilities – Poor condition of parking lot. Gravel, heaves, ruts, and poor draining. No accessibility.
  - m. site accessibility – N/A
  - n. site safety – Playground equipment in parking lot areas, no pedestrian access routes. Recommend fencing along parking lot.
  - o. site buildings (list type and general assessment only) – N/A





Gale Athletic &  
Recreation Group

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Turf is in fair to good condition. Planarity is OK, although there are some  
areas with dips/ruts/depressions over outfield. Few bare areas require  
maintenance. Weed growth within skinned infield requires maintenance.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Appearance of field is good in general. Infield is in failing condition and  
requires supplemental mix of a good mixtures of silt/sand to promote  
drainage. Ponding in several areas of infield. Mound requires  
reconstruction/re-grading. Sidelines of baseball/MPR areas are wet/soggy  
due to ponding at low areas.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)



**Gale Athletic &  
Recreation Group**

**F. Evaluation Summary Table:**

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance			X	
Turf Condition			X	
Safety			X	
Support facilities/equipment		X		
ADA Compliance		X		
Overall:			X	

Additional Comments:

Patch bare areas within fields. Provide accessible spectator seating. Provide accessible routes to spectator seating. Repair/replace parking area. Provide ADA parking. Re-grade few areas of low spots where ponding occurs. Fence in parking area, remove playground equipment within parking areas.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Pingree Park

Field: 60' Diamond (Cheeseman Field)

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

Rt. 1A

City: South Hamilton, MA      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

None

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Residential Abutters to the East and West (approximately 200')

B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Little League

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

Right Field (187'), Left Field (187'), Center (187')

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **Yes**
  - a. Describe system (brand; age; water source; zones; controls; condition):  
unknown
  - b. Recommendations:
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness:
  - c. Recommendations:
3. Sports Lighting **No**



**Gale Athletic &  
Recreation Group**

- a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
- a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 4' chain link fence surround perimeter and outfield; 6' chain link fenced player seating; Safety Caps
  - b. Recommendations: Fencing in good condition.
5. Ancillary Equipment (describe general conditions):
- a. pitchers mound and rubber - good
  - b. bases and home plate – good
  - c. score boards – N/A
  - d. back stop – 40', 25' height with hood, new condition
  - e. dug out(s) – Fenced in player seating, good condition
  - f. P.A. system – N/A
  - g. spectator seating – 4 row mobile bleachers, 20' length
  - h. flag pole – N/A
  - i. player benches – not seen
  - j. goals/goal posts – N/A
  - k. field marking/striping – Little League
  - l. parking facilities – Parking at the Route 1A side of the park.
  - m. site accessibility – No accessible parking on site, no route to spectator seating. Accessible spectator seating not provided.
  - n. site safety – Good, no concerns
  - o. site buildings (list type and general assessment only) – Storage building with restrooms in fair condition





Gale Athletic &  
Recreation Group

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Turf condition is good, with no apparent significant weed infestations.

Irrigation available, but rarely used. Turf in good condition with no

significant bare/worn areas or areas with low turf growth density.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Appearance of the field is very good. Minor weed growth in base

paths/infield. Mound and batters' box in good condition. Wooden placard

scoreboard in right field. Field appears to be maintained seasonally. Lip

removal and maintenance of infield appear to have been completed recently.

Spectator seating is provided, as well as fenced player seating areas.

Outfield is fully fenced.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_

(If yes, attach results and recommendations)



Gale Athletic &  
Recreation Group

F. Evaluation Summary Table:

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance		X		
Turf Condition			X	
Safety			X	
Support facilities/equipment			X	
ADA Compliance		X		
Overall:			X	

Additional Comments:

Patch bare areas within fields. Provide accessible spectator seating. Provide accessible  
routes to spectator seating Repair/replace parking area. Provide ADA parking. Regrade  
few areas of low spots where ponding occurs. Fence in parking area, remove playground  
equipment within parking areas.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Pingree Park

Field: 90' Diamond (Wildes Field)

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

Rt. 1A

City: South Hamilton, MA      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

None

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Residential Abutters to the East and West (approximately 200')

- B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Babe Ruth, Recreation Groups

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

Right Field (220'), Left Field (300'), Center (330')

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **Yes**
  - a. Describe system (brand; age; water source; zones; controls; condition):  
unknown
  - b. Recommendations:
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness:
  - c. Recommendations:
3. Sports Lighting **No**



**Gale Athletic &  
Recreation Group**

- a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
- a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 6' chain link fence along player seating areas; New back stop (40'). 60' distance to backstop
  - b. Recommendations: Fencing in good condition.
5. Ancillary Equipment (describe general conditions):
- a. pitchers mound and rubber - good. Mound requires a bit of re-grading, supplemental infield mix.
  - b. bases and home plate – good
  - c. score boards – N/A
  - d. back stop – 40', 15' height with no hood. Good condition
  - e. dug out(s) – N/A
  - f. P.A. system – N/A
  - g. spectator seating – 4 row mobile bleachers, 20' length
  - h. flag pole – N/A
  - i. player benches – 2, good condition
  - j. goals/goal posts – N/A
  - k. field marking/stripping – N/A
  - l. parking facilities – Parking at the Route 1A side of the park.
  - m. site accessibility – No accessible parking on site. Accessible spectator seating not provided.
  - n. site safety – Close proximity to access drive. Recommend installation of additional fencing.
  - o. site buildings (list type and general assessment only) – Storage building with restrooms in fair condition





Gale Athletic &  
Recreation Group

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Turf condition is fair to good, with a healthy root zone, no significant worn areas of low turf density. Does not appear to be drainage issues/standing water. Due to use as Multipurpose field in some areas through left and right/center, turf is more worn and compacted in these areas.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Appearance of the field is fair to good. Dimensions are lacking in outfield. The infield/mound/batters box requires supplemental infield mix and re-grading. Significant weeding required throughout base paths. Additional fencing recommended to extend along access drive. Fenced dugout areas recommended.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)



**Gale Athletic &  
Recreation Group**

**F. Evaluation Summary Table:**

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance		X		
Turf Condition			X	
Safety			X	
Support facilities/equipment		X		
ADA Compliance		X		
Overall:		X		

**Additional Comments:**

Provide accessible spectator seating. Provide accessible routes to spectator seating.

Provide fencing/safety netting, or backstop hood. Dimensional constraints (short right field). No dugouts, scoreboard, or lights.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Donovan Field

Field: 1 - 60' diamond, 1 MP Rectangular Field

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

\_\_\_\_\_

City: Hamilton      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

None known

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

200' to southwest - private residence

B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Little League Baseball, Youth Soccer, Youth LAX (boys and girls),

High School Boys and Girls Freshman Soccer

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

60' Diamond: 200' LF, 190' RF, 200' CF

Multipurpose field: 330' x 220' or 360'x200'

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**





**Gale Athletic &  
Recreation Group**

- a. Describe system (brand; age; water source; zones; controls; condition):  
n/a
- b. Recommendations: n/a
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness: Very poor drainage. Significant ponding water/puddles in outfield and throughout multipurpose area.
  - c. Recommendations:
3. Sports Lighting **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 4' chain link fence along baselines of diamond (30')
  - b. Recommendations: Fencing in good condition. Consider fencing along limits of fields to prevent vehicular access. (Apparent tire tracks over field)
5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - OK
  - b. bases and home plate - OK
  - c. score boards - N/A
  - d. back stop - 30' length, 20' tall, no hood.
  - e. dug out(s) - N/A
  - f. P.A. system - N/A
  - g. spectator seating - None
  - h. flag pole - N/A
  - i. player benches - 2 - 20' in fair condition





Gale Athletic &  
Recreation Group

- j. goals/goal posts – soccer, OK
- k. field marking/stripping – soccer, lax, youth soccer
- l. parking facilities – Needs reconstruction. No formal parking area. Gravel/vegetated area used as turn around. No area for bus drop off. Gravel driveway has poor drainage capabilities, soft, easy to sink.
- m. site accessibility – No accessible routes from parking/drop off area. No accessible spectator seating. Grades drop significantly between parking lot and field areas.
- n. site safety – Fine, with exception of lack of fencing around site perimeter.
- o. site buildings (list type and general assessment only) – n/a

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Fair (MPR), Poor (Diamond) due to weak growth density, compaction, Poor

root zone development. Low spot at left field. Significant ponding and

saturation throughout outfield and infield.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Site slopes SE to NW, and S to N. Topo not prohibitive, but requires

regarding. Field sloped end to end with crown. Fair planarity.

Over-compaction limits drainage capabilities. Diamond requires general

maintenance of infield. Reconstruct outfield to include proper drainage.



Gale Athletic &  
Recreation Group

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)

F. Evaluation Summary Table:

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance				X
Turf Condition		X		
Safety		X		
Support facilities/equipment	X			
ADA Compliance	X			
Overall:				

Additional Comments:

Provide spectator seating. ADA accessible route from parking area. Maintain infield/weed growth. Re-grading of field areas. Recommend additional fencing around site. Recommend reconstruction of parking area, formalize entrance.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Fairhaven Field

Field: Multipurpose

Type: Baseball/Softball

Football

Soccer

Lacrosse

Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

14 Union Street

City: South Hamilton, MA State: MA Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

None

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Several residential abutters along north, west property lines. Adjacent to Linden

Street to the east.

- B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Youth Soccer, Youth Lax, Special Events

Youth Football

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

Multipurpose Field (NE-SW Orientation, 360'x170')

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **Yes**
  - a. Describe system (brand; age; water source; zones; controls; condition):  
unknown
  - b. Recommendations:
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness:
  - c. Recommendations:



Gale Athletic &  
Recreation Group

3. Sports Lighting      **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 4' fencing along property lines. No fencing between parking lot, library, and field.
  - b. Recommendations: Fencing in good condition.
5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - N/A
  - b. bases and home plate – N/A
  - c. score boards – N/A
  - d. back stop – N/A
  - e. dug out(s) – N/A
  - f. P.A. system – N/A
  - g. spectator seating – N/A
  - h. flag pole – N/A
  - i. player benches – not seen
  - j. goals/goal posts – N/A
  - k. field marking/stripping – striped for youth soccer/lax in season
  - l. parking facilities – Significant parking lot for library/rec. dept, and field
  - m. site accessibility – Accessible route to field area from parking lot and library, handicap parking. No accessible seating. No seating at all.
  - n. site safety – No significant site safety issues apparent.
  - o. site buildings (list type and general assessment only) – N/A





Gale Athletic &  
Recreation Group

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Good condition. Healthy turf growth. No major repairs required. No standing water (after rain event). Few bare/worn areas due to goalmouth areas.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Field appearance is good. No amenities for programming support such as scoreboards, seating, walkways, etc. Field appears to be in good condition, well irrigated, with few areas needing minimal maintenance.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)



Gale Athletic &  
Recreation Group

F. Evaluation Summary Table:

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance			X	
Turf Condition			X	
Safety			X	
Support facilities/equipment		X		
ADA Compliance		X		
Overall:			X	

Additional Comments:

Patch bare areas within fields. Provide accessible spectator seating. Provide accessible  
routes to spectator seating.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 4-13-12

Facility Name: Iron Rail Fields 7, 8, 9

Field: Multipurpose (Soccer/Lacrosse)

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons

Address:

91 Grapevine Road

City: Wenham, MA      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

Wetlands adjacent to North and South, adjacent to all three fields within 50-100'.

---

---

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Residential abutters to the South on the opposite side of Grapevine Road (150-200').

---

B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Youth Soccer, Youth Lax.





**Gale Athletic &  
Recreation Group**

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

Multipurpose Fields (3 full size, 4 youth level). Adequate geometrical layouts to provide for 3 full size (MIAA) level fields, as well as multiple youth soccer fields in opposite orientation.

**D. Evaluation of Field Sub Systems and Equipment:**

1. Irrigation: **N/A**
  - a. Describe system (brand; age; water source; zones; controls; condition):  
unknown
  - b. Recommendations:
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness:
  - c. Recommendations:
3. Sports Lighting **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): Wooden fencing along parking lot perimeter. No fencing at sports fields for ball containment, safety, boundaries.
  - b. Recommendations: Installation of perimeter fencing along wetlands, woods for ball containment and safety.
5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - N/A
  - b. bases and home plate – N/A
  - c. score boards – N/A





Gale Athletic &  
Recreation Group

- d. back stop – N/A
- e. dug out(s) – N/A
- f. P.A. system – N/A
- g. spectator seating – N/A
- h. flag pole – N/A
- i. player benches – 15 – 20' mobile aluminum player benches. Appears to be adequate for the fields.
- j. goals/goal posts – N/A
- k. field marking/stripping – striped for youth soccer/lax in season
- l. parking facilities – Two (2) Gravel parking lots accessed from two rights of way. Recommendations for parking include renovations to repair potholes, ruts, heaves, and pavement. Provide accessible parking.
- m. site accessibility – No accessible parking, no accessible route to fields. Slopes may be prohibitive in one or two areas, otherwise an accessible route is feasible.
- n. site safety – Additional perimeter fencing along wetlands, wooded areas. Provide minimum 10' safety runout from fields to wooded areas, fencing, drainage swales.
- o. site buildings (list type and general assessment only) – Ticket booth appears to be in good condition.

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Good condition. Healthy turf growth. No major repairs required. Few



**Gale Athletic &  
Recreation Group**

bare/worn areas at areas of goalmouths. Some patchwork repair visible.

Turf appears to have been maintained for the season recently. No

significant wear, or areas where turf is a safety concern. Potential drainage

concerns due to adjacent wetlands in wet seasons. Lower fields may be

saturated at times and prohibit play after a significant rain event.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Field appearance is good. No amenities for programming support such as

scoreboards, seating, storage, etc. Fields are in good condition, with few

areas requiring maintenance. Additional fencing, signage, and amenities are

recommended.

5. Were root zone samples taken with Geoprobe? NO

If yes were samples sent for testing \_\_\_\_\_

(If yes, attach results and recommendations)

**F. Evaluation Summary Table:**

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance			X	
Turf Condition			X	
Safety			X	
Support facilities/equipment		X		
ADA Compliance		X		
Overall:			X	



Gale Athletic &  
Recreation Group

Additional Comments:

Patch bare areas within fields. Provide accessible spectator seating, parking, and routes to seating areas. Provide additional fencing along perimeter.

---



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: H-W Regional High School

Field: Main Field and Track

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

775 Bay Road

City: South Hamilton, MA      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

N/A

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

200'±, landscape buffer between property and track

- B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

NFHS Football, Soccer, Track

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

360' x 190' (Soccer) 360' x 160' (football). No significant deficiencies. Small

Radius track limits infield width. 6 lanes on straightaway, 6 lanes on overall. 8  
is recommended.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **Yes**

- a. Describe system (brand; age; water source; zones; controls; condition):  
unknown





Gale Athletic &  
Recreation Group

- b. Recommendations: N/A
- 2. Does the field have existing drainage? **Yes, Surface Drainage**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness: Slot drain between track and field area. Drain is damaged/broken in areas with increased potential for clogging. Replace damaged sections of drain system.
  - c. Recommendations:
- 3. Sports Lighting **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
- 4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 4' fence surrounding entire site in good condition.
  - b. Recommendations: Fencing in good condition.
- 5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - N/A
  - b. bases and home plate – N/A
  - c. score boards – Scoreboard in good condition. Appears to be in working condition and appearance is good.
  - d. back stop – N/A
  - e. dug out(s) – N/A
  - f. P.A. system – Unknown
  - g. spectator seating – Home and visitors' spectator seating. Home seating with pressbox. Pressbox and filming platform appear to be in good exterior condition. Interior condition unknown.
  - h. flag pole – Flag pole appears to be in good condition.
  - i. player benches – not seen



Gale Athletic &  
Recreation Group

- j. goals/goal posts – Goalposts (goals not in season) are in fair condition.
- k. field marking/stripping – Football/Soccer/Lacrosse
- l. parking facilities – School parking adjacent to facility entrance. The route to the spectator seating appears to be accessible.
- m. site accessibility – Accessible pathway from parking areas to ADA accessible bleacher system.
- n. site safety – Fair. Walkways and fencing appear to be in good condition. No safety netting installed for lacrosse. Barrier at outside lane of track is not in compliance with recommended distance of 1-meter from outside edge. Inside lane line requirement of 8" between edge of track and change in surface does not appear to be met.
- o. site buildings (list type and general assessment only) – Ticket sales building and general amenities buildings in good condition. Appear to be in use and serviceable.

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Fair to good turf condition. Planarity of field is sufficient, with crown  
through center of field. Turf growth appears to be good, with some bare  
areas throughout the center of field. Appears to be aerated, no apparent  
drainage concerns. Would recommend patching bare areas. Root zone  
development appears to be sufficient.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).



**Gale Athletic &  
Recreation Group**

4. Describe the overall appearance of the field:

Appearance of field is good. Seating, accessibility, and site fencing in good condition. Track/High Jump/Long/Triple jump areas appear to be in good condition and well maintained. Throwing area and practice field to the North is in good condition and appears to be maintained regularly.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)

**F. Evaluation Summary Table:**

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance			X	
Turf Condition			X	
Safety			X	
Support facilities/equipment			X	
ADA Compliance			X	
Overall:			X	

Additional Comments:

Patch bare areas within field

Repair/replace damaged sections of drainage system between track and field. Provide accessible visitor seating.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: H-W Regional High School

Field: Secondary Fields and 90' Diamond

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by: DPW

Address:

775 Bay Road

City: South Hamilton, MA      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

Potential wetland area in wooded area between secondary fields and softball field. Area is within 50-100' of 60' diamond backstop.

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

No residential abutters.

- B. Photo Documents (Insert pertinent photos here):





C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

NFHS Lacrosse, Phys Ed, Practice Areas, Baseball (Not varsity)

Youth Football





Gale Athletic &  
Recreation Group

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

90' Diamond, 300'LF,RF,CF

200' x 330' (East-West practice area) 160' x 270' North-South Practice Area

60' Diamond in practice area, 250'+ to Outfields

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**

a. Describe system (brand; age; water source; zones; controls; condition):  
N/A

b. Recommendations:  
N/A

2. Does the field have existing drainage? **No**

a. If yes, what is the depth, spacing, size, backfill, and sleeved?

b. General condition/effectiveness:

c. Recommendations:

3. Sports Lighting **No**

a. Describe system (make/model; age; type poles; controls; coverage; condition):

b. Recommendations:

4. Fencing

a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): Backstop at baseball/softball fields in fair condition. 6' fencing along baseball baselines, 4' fencing along property line to South of Baseball field. 12' fencing dividing baseball and track areas. Additional fencing along field sideline areas is 4' chain link fencing in fair condition. Additional fencing recommended along wooded areas for safety/ball retrieval.

b. Recommendations: Additional fencing. Removal of backstop at 60' diamond.



Gale Athletic &  
Recreation Group

5. Ancillary Equipment (describe general conditions):
- a. pitchers mound and rubber – Poor condition. Baseball mound and batters box requires complete reconstruction.
  - b. bases and home plate – fair condition
  - c. score boards – N/A
  - d. back stop – Fair condition. Softball backstop shall be removed as it is not used. Baseball backstop is in fair condition but is poor in visible appearance.
  - e. dug out(s) – N/A, Recommend fenced dugouts for player seating areas. Seating areas are not sufficient for players/equipment.
  - f. P.A. system – N/A
  - g. spectator seating – No spectator seating areas for any of the secondary fields.
  - h. flag pole – N/A
  - i. player benches – None apparent
  - j. goals/goal posts – None apparent, stored for season
  - k. field marking/striping – Baseball/Lacrosse/Soccer
  - l. parking facilities – School parking adjacent to facility entrance, 400'+ to baseball/secondary fields with no accessible route.
  - m. site accessibility – No accessible route between parking facilities and baseball, secondary practice fields
  - n. site safety – Player seating areas shall be provided and fenced at baseball. Heaves/dips/ruts in some areas in the outfield. Poor planarity/grading between secondary fields. Additional fencing shall be provided.
  - o. site buildings (list type and general assessment only) – N/A

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Baseball: No apparent irrigation system. Weed growth along baselines and  
pitchers mound. Turf appears to be in fair condition, with some bare/worn  
areas throughout shared outfield. Recommend re-seeding bare areas and  
allowing grow-in time. Base paths, pitchers mound, batters box require full  
reconstruction as well as seasonal maintenance.

Practice Fields: Generally fair to good condition. Planarity of field is good  
overall, with some areas of low spots, dips, ruts, etc.. Some minor  
ruts/depressions through field areas. No irrigation. Some bare/worn areas  
over field areas require re-seeding. No apparent drainage system, surface  
flow over land. Overused fields may be over-compacted and required aeration  
to relieve compaction.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Field appearance is generally fair to poor. There are no player seating areas,  
dugouts, scoreboards, spectator seating areas, accessible routes, storage  
areas. Mound and skinned infield requires reconstruction, supplemental  
infield mix to promote drainage. 60' diamond is unnecessary in terms of  
demand. Backstop and infield should be removed and reconstructed for use  
as multipurpose field.

Multipurpose Fields: Generally good condition, good planarity, good turf



**Gale Athletic &  
Recreation Group**

growth. Some depressions, dips, and ruts, and some bare areas. No  
accessible route, no spectator seating areas, no player seating areas  
apparent.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)

**F. Evaluation Summary Table:**

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance			X	
Turf Condition		X		
Safety		X		
Support facilities/equipment	X			
ADA Compliance	X			
Overall:		X		

**Additional Comments:**

Patch bare areas within fields. Remove unused softball field to provide additional  
multipurpose space. Provide additional fencing for safety and ball retrieval purposes.  
Provide accessible visitor seating. No spectator seating for any of the secondary fields.  
This may be a potential safety concern. Provide accessible routes from parking areas.  
Re-grade areas in outfield/multipurpose areas where low spots, dips, heaves are apparent  
Aerate fields to relieve compaction. Re-grow turf in bare areas, top dress, fertilize,  
overseed. Provide player seating areas, scoreboards, and amenities to become more  
serviceable.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Winthrop Elementary

Field: 60' Diamond / MP field area

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

Route 1A

City: Hamilton      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

N/A

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Very Close, 200' into outfield is back yard of private residence with no buffer.

- B. Photo Documents (Insert pertinent photos here):







C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Little League Baseball, youth soccer, School use (phys. ed/Recess)

---

---

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

CF/LF/RF: 200'

Multipurpose field area: 200' x 100'

Small MP field area restricts use, otherwise no significant deficiencies

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**
  - a. Describe system (brand; age; water source; zones; controls; condition):  
n/a
  - b. Recommendations:  
n/a
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness:
  - c. Recommendations:



Gale Athletic &  
Recreation Group

3. Sports Lighting      **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 20' height backstop, 40' of 6' chain link fence along baselines. Good condition
  - b. Recommendations: Fencing in good condition. Consider fenced dugouts for player seating area. Do not recommend additional fencing due to multi-use of outfield areas.
5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - Poor, no constructed pitcher's mound. Needs re-grading. Batters box/pitchers mound needs proper infield mix to promote drainage.
  - b. bases and home plate - OK
  - c. score boards – N/A
  - d. back stop – 30' length, 20' tall, no hood
  - e. dug out(s) – N/A
  - f. P.A. system – N/A
  - g. spectator seating – None
  - h. flag pole – N/A
  - i. player benches – 2 – 15' in fair condition
  - j. goals/goal posts – N/A
  - k. field marking/stripping – N/A
  - l. parking facilities – No parking adjacent to facility. School parking in front of building and 300'± to West.



**Gale Athletic &  
Recreation Group**

- m. site accessibility – No accessible routes from parking areas. No accessible spectator seating.
- n. site safety – Playgrounds scattered throughout recreational area. Recommend re-organization and additional fencing for baseball field, and/or fenced player dugout areas.
- o. site buildings (list type and general assessment only) – n/a

**E. Turf Condition (based on Inspection and Interview of Turf Manager):**

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Fair to poor turf growth density. No irrigation. Recommend re-grading of

outfield, low spots in centerfield to left field areas. Area appears to puddle.

Patches of bald areas and worn turf. Recommend aeration, topdressing,

fertilizer, re-seeding, and re-growth if the use warrants it.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Field appears to be in fair to poor condition. Recommend supplemental

infield mix and general reconstruction of pitchers mound and infield

areas.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_

(If yes, attach results and recommendations)



Gale Athletic &  
Recreation Group

F. Evaluation Summary Table:

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance		X		
Turf Condition	X			
Safety	X			
Support facilities/equipment	X			
ADA Compliance	X			
Overall:				

Additional Comments:

Provide spectator seating, ADA accessible route from parking area. Maintain infield/weed  
growth. Re-grade outfield, promote positive drainage. Aerate, reconstruct, regrow field  
areas to improve root zone development. Re-organize playground areas, to provide  
additional field space. Multipurpose field used in outfield of 60' diamond. Poor planarity,  
ruts, and depressions. Recommend re-grading of outfield areas to maximize use of  
multipurpose area.



Gale Athletic &  
Recreation Group

FIELD EVALUATION  
DATA SHEET

Date: 1-13-12

Facility Name: Cutler Elementary

Field: 1 - 60' Diamond

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

School Street

City: Hamilton      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

N/A

---

---

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Very close proximity to public right of way as well as abutters adjacent to the roadways.

---

- B. Photo Documents (Insert pertinent photos here):







Gale Athletic &  
Recreation Group

Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Little League Baseball, School use (phys. ed/Recess)

---

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

CF/RF: 200', LF:150'

Outfield use constrained by topography. Grading slopes up towards school in  
outfield, limiting use of full dimension of field.

C. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**

- a. Describe system (brand; age; water source; zones; controls; condition):  
N/A

- b. Recommendations:  
N/A

2. Does the field have existing drainage? **No**

- a. If yes, what is the depth, spacing, size, backfill, and sleeved?

- b. General condition/effectiveness:

- c. Recommendations:

3. Sports Lighting **No**

- a. Describe system (make/model; age; type poles; controls; coverage; condition):

- b. Recommendations:

4. Fencing

- a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 20' height backstop, 40' of 6' chain link fence along baselines. Good condition



**Gale Athletic &  
Recreation Group**

- b. Recommendations: Fencing in good condition. Consider fenced dugouts for player seating area due to proximity to roadway. Recommend extending fencing along roadways due to close proximity of public right of way.

5. Ancillary Equipment (describe general conditions):

- a. pitchers mound and rubber - OK
- b. bases and home plate - OK
- c. score boards – N/A
- d. back stop – 30' length, 20' tall, no hood. Dimension between batters box and backstop minimal.
- e. dug out(s) – N/A
- f. P.A. system – N/A
- g. spectator seating – None
- h. flag pole – N/A
- i. player benches – 2 – 20' in fair condition
- j. goals/goal posts – N/A
- k. field marking/stripping – N/A
- l. parking facilities – School parking facility located within 400'
- m. site accessibility – No accessible routes from parking areas. No accessible spectator seating. Grades drop significantly between parking lot and field areas. Accessibility is not provided.
- n. site safety – Poor due to roadway adjacencies. Player seating area less than 10' from right of way.
- o. site buildings (list type and general assessment only) – N/A

D. Turf Condition (based on Inspection and Interview of Turf Manager):

- 1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A



**Gale Athletic &  
Recreation Group**

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Fair to poor turf growth density. No irrigation. Bare patches through  
outfield.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Fields appear to be in fair condition. Recommend supplemental infield mix  
and general reconstruction of pitchers mound and general maintenance of  
infield areas. No site amenities such as seating, accessible routes, storage,  
etc. Close proximity to public right of way prohibits expansion possibilities.  
Site accessibility a concern due to topography.

5. Were root zone samples taken with Geoprobe? No

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)

**E. Evaluation Summary Table:**

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance	X			
Turf Condition		X		
Safety		X		
Support facilities/equipment	X			
ADA Compliance	X			
Overall:				



**Gale Athletic &  
Recreation Group**

Additional Comments:

Provide spectator seating, ADA accessible route from parking area. Maintain infield/weed  
growth. Dimensional constraints of 60' diamond due to prevailing topography.

Recommend additional fencing at seating areas and areas adjacent to right of way

G:\715410\Field Evaluations\Cutler.doc



Gale Athletic &  
Recreation Group

**FIELD EVALUATION  
DATA SHEET**

Date: 1-13-12

Facility Name: Bessie Buker Elementary

Field: 2 - 60' Diamonds

Type: Baseball/Softball      Football      Soccer      Lacrosse      Other

Facilities Manager/Director:

Rec Director: Sean Timmons. Maintained by :DPW

Address:

School Street

City: Hamilton      State: MA      Zip: 01982

A. Record Information (Copy and attach as available):

	<u>Yes</u>	<u>No</u>	<u>Attached</u>
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches			
4. Assessors Maps/Plot Plans			
5. Aerial Photography	X		
6. Flood Insurance Maps/USGS Maps	X		
7. Town Utility Maps			
8. Other: _____			

9. Describe the proximity of any wetlands, surface waters, or other environmental sensitive areas that impact field redevelopment or maintenance. Is there an Integrated Turf Management Plan (ITMP) for this field (attach)?

N/A

10. Describe proximity of abutters to this field. Comment on viewsapes, noise buffers, and other potential impacts.

Very close proximity to public right of way as well as abutters adjacent to the  
roadways.

- B. Photo Documents (Insert pertinent photos here):







C. Geometry Evaluation:

1. List all intended user organizations for each sport. Specify the level of play for each (i.e., youth soccer vs. MIAA soccer vs. NCAA soccer).

Little League Baseball, youth soccer, School use (phys. ed/Recess)

---



---



Gale Athletic &  
Recreation Group

2. Narrative results of Geometry Evaluation (List Significant Deficiencies and Recommendations).

CF/LF/RF: 130'-160'

Multipurpose field area: 230' x 120'

School, access path/roadway constrains foul pole dimensions of 60' diamonds.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**
  - a. Describe system (brand; age; water source; zones; controls; condition):  
N/A
  - b. Recommendations:  
N/A
2. Does the field have existing drainage? **No**
  - a. If yes, what is the depth, spacing, size, backfill, and sleeved?
  - b. General condition/effectiveness:
  - c. Recommendations:
3. Sports Lighting **No**
  - a. Describe system (make/model; age; type poles; controls; coverage; condition):
  - b. Recommendations:
4. Fencing
  - a. Describe Fencing System (make/model, age, type gates, foundations, condition, etc.): 20' height backstop, 40' of 6' chain link fence along baselines. Fair condition
  - b. Recommendations: Fencing in good condition. Consider fenced dugouts for player seating area due to proximity to roadway. Recommend extending fencing along roadways due to close proximity of public right of way. Backstop in fair condition.
5. Ancillary Equipment (describe general conditions):
  - a. pitchers mound and rubber - Fair to poor, recommend mound reconstruction



Gale Athletic &  
Recreation Group

- b. bases and home plate - OK
- c. score boards – N/A
- d. back stop – 30' length, 20' tall, no hood. Dimension between batters box and backstop minimal.
- e. dug out(s) – N/A
- f. P.A. system – N/A
- g. spectator seating – None
- h. flag pole – N/A
- i. player benches – 2 – 15' in fair condition
- j. goals/goal posts – N/A
- k. field marking/stripping – N/A
- l. parking facilities – Use Council on Aging parking area. No dedicated parking for facilities. School parking limited.
- m. site accessibility – No accessible routes from parking areas. No accessible spectator seating.
- n. site safety – Poor due to roadway adjacencies. Player seating areas less than 10' from right of way with no barriers.
- o. site buildings (list type and general assessment only) – N/A

E. Turf Condition (based on Inspection and Interview of Turf Manager):

1. Soil Sample: (Take three (3-5) samples of root zone soil and send to UMASS agronomy lab. Attach results. Summarize below).

Summary of Testing Results and Recommendations:

N/A

2. General Turf Conditions (Describe turf quality. Note obvious weed or pest infestations, damage by over use, water deficiency, or drainage deficiencies).

Fair to poor turf growth density. No irrigation. Recommend re-grading of outfield, dips and ruts throughout outfield/multipurpose field. Patches of bald



Gale Athletic &  
Recreation Group

areas and worn turf. Recommend aeration, topdressing, fertilizer, re-seeding, and re-growth if the use warrants it.

3. Identify prominent cultivars if possible (attach original or over-seed mix specifications as available).

4. Describe the overall appearance of the field:

Fields appear to be in fair to poor condition. Recommend supplemental infield mix and general reconstruction of pitchers mound and general maintenance of infield areas. No site amenities such as seating, accessible routes, storage, etc.

5. Were root zone samples taken with Geoprobe? \_\_\_\_\_NO\_\_\_\_\_

If yes were samples sent for testing \_\_\_\_\_  
(If yes, attach results and recommendations)

F. Evaluation Summary Table:

	Failing Unacceptable	Marginally meets intended purpose	Good field Minor deficiencies	Excellent Field Meets/exceeds all requirement
Geometry Compliance		X		
Turf Condition		X		
Safety	X			
Support facilities/equipment	X			
ADA Compliance	X			
Overall:		X		



**Gale Athletic &  
Recreation Group**

Additional Comments:

Provide spectator seating, ADA accessible route from parking area. Maintain infield/weed growth. Install fencing or player dugouts for safety purposes due to close proximity of roadways. Re-grade outfield, multipurpose area. Multipurpose field used in outfield of 60' diamonds. Ruts, mounds, and depressions. Recommend re-grading of outfield areas to maximize use of multipurpose area. Dimensional constraints of 60' diamonds due to school building, roadway, walkways.

G:\715410\Field Evaluations\Buker.doc




ENCLOSURE 2

Base Maps







Gale Associates, Inc.  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6485 F 781.335.6467  
www.galinc.com  
Boston Baltimore Orlando San Francisco

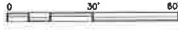
This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 30'

GRAPHIC SCALE



SHEET TITLE


BUKER ELEM.  
BASEMAP

DRAWING NO.	SK-8
	PROJECT NO. JOB NUM

SCHEMATIC







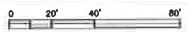
Gale Associates, Inc.  
Engineers and Planners  
183 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6485 F 781.335.6487  
www.galinc.com  
Boston Baltimore Orlando San Francisco

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright 2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	

REVISIONS		
NO.	DATE	DESCRIPTION

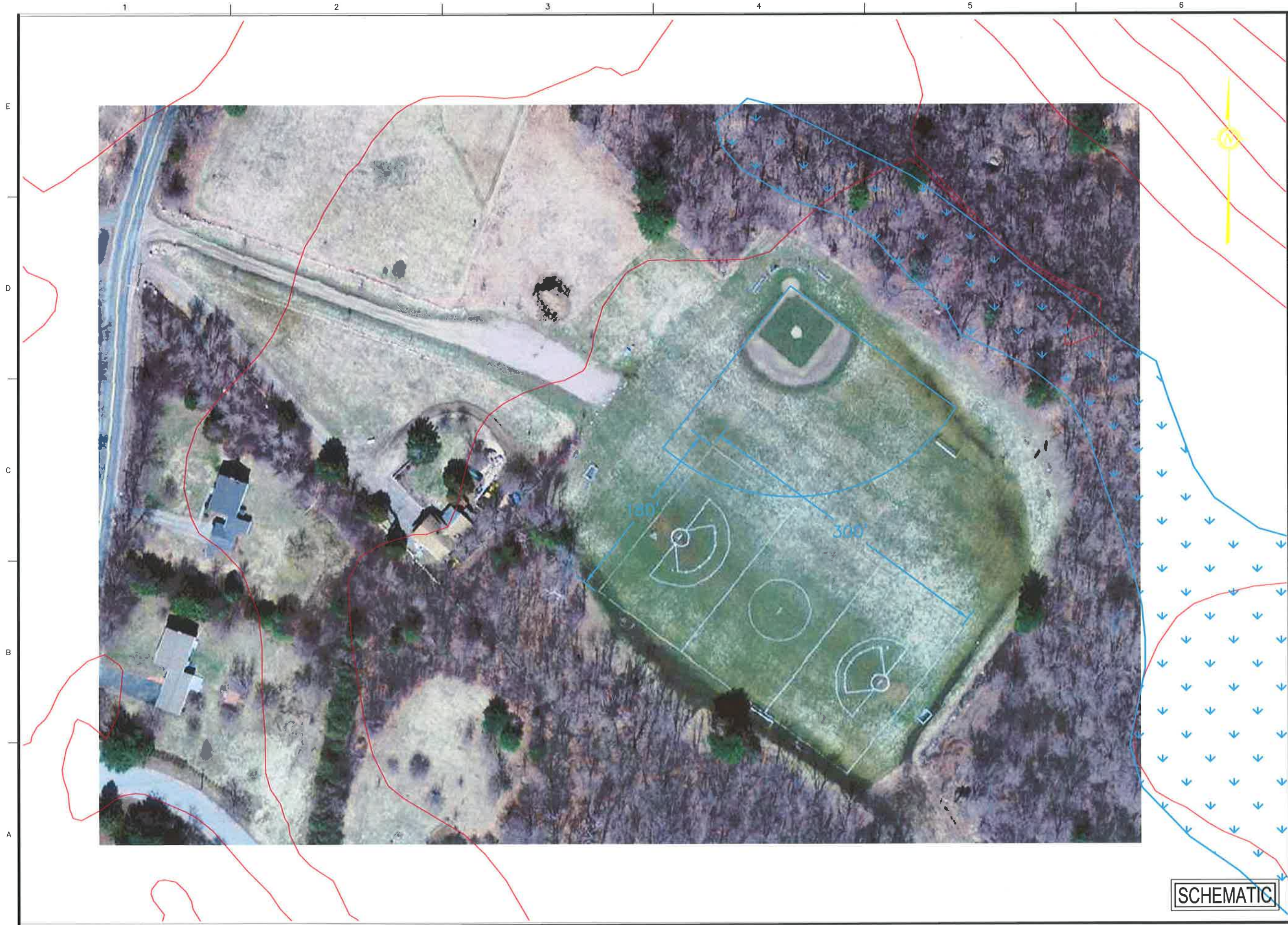
CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 40'


GRAPHIC SCALE  


SHEET TITLE  
  
CUTLER ELEM.  
BASEMAP

DRAWING NO.	SK-7
	PROJECT NO. 008 HUN







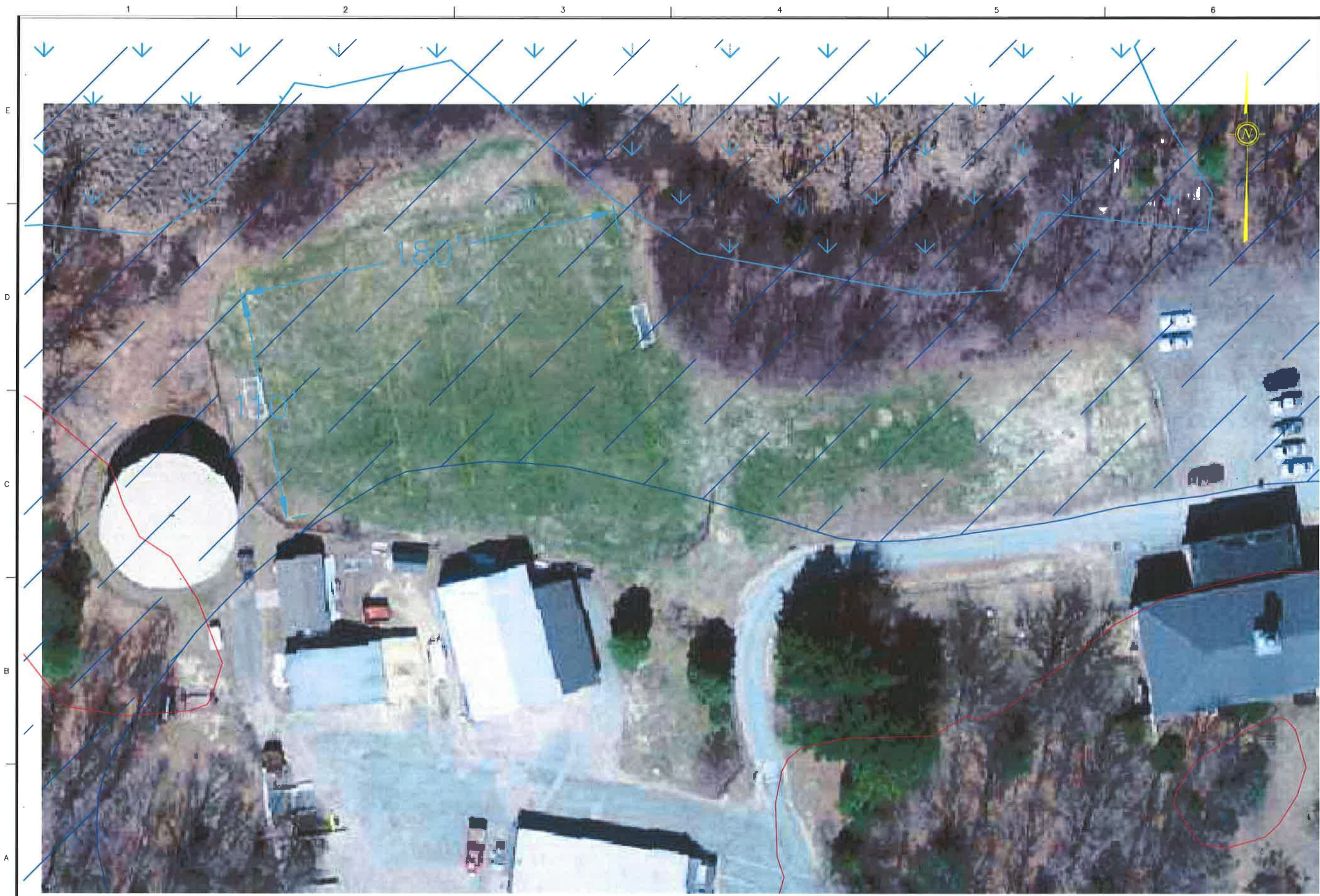
Gale Associates, Inc.  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6485 F 781.335.6467  
www.galinc.com  
Boston Baltimore Orlando San Francisco

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	
REVISIONS		
NO.	DATE	DESCRIPTION
CADD FILE		715410-BASE
DESIGNED BY		
DRAWN BY		LAB
CHECKED BY		WJS
DATE		2/10/2012
DRAWING SCALE		1" = 40'
GRAPHIC SCALE		
0 20' 40' 80'		
SHEET TITLE		
DONOVAN FIELD BASEMAP		
DRAWING NO.		SK-2
PROJECT NO. JOB NAM		

SCHEMATIC





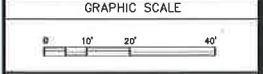
Gale Associates, Inc.  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6465 F 781.335.6467  
www.galeinc.com  
Boston Baltimore Orlando San Francisco

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright © 2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 20'



SHEET TITLE  
  
DPW FIELD  
BASEMAP

SCHEMATIC

DRAWING NO.  
**SK-9**  
PROJECT NO. 08 NM



1 2 3 4 5 6

E

D

C

B

A



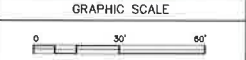
Gale Associates, Inc.  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6165 F 781.335.6467  
www.galeinc.com  
Boston Baltimore Orlando San Francisco

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright © 2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410--BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 30'



SHEET TITLE

FAIRHAVEN FIELD  
BASEMAP

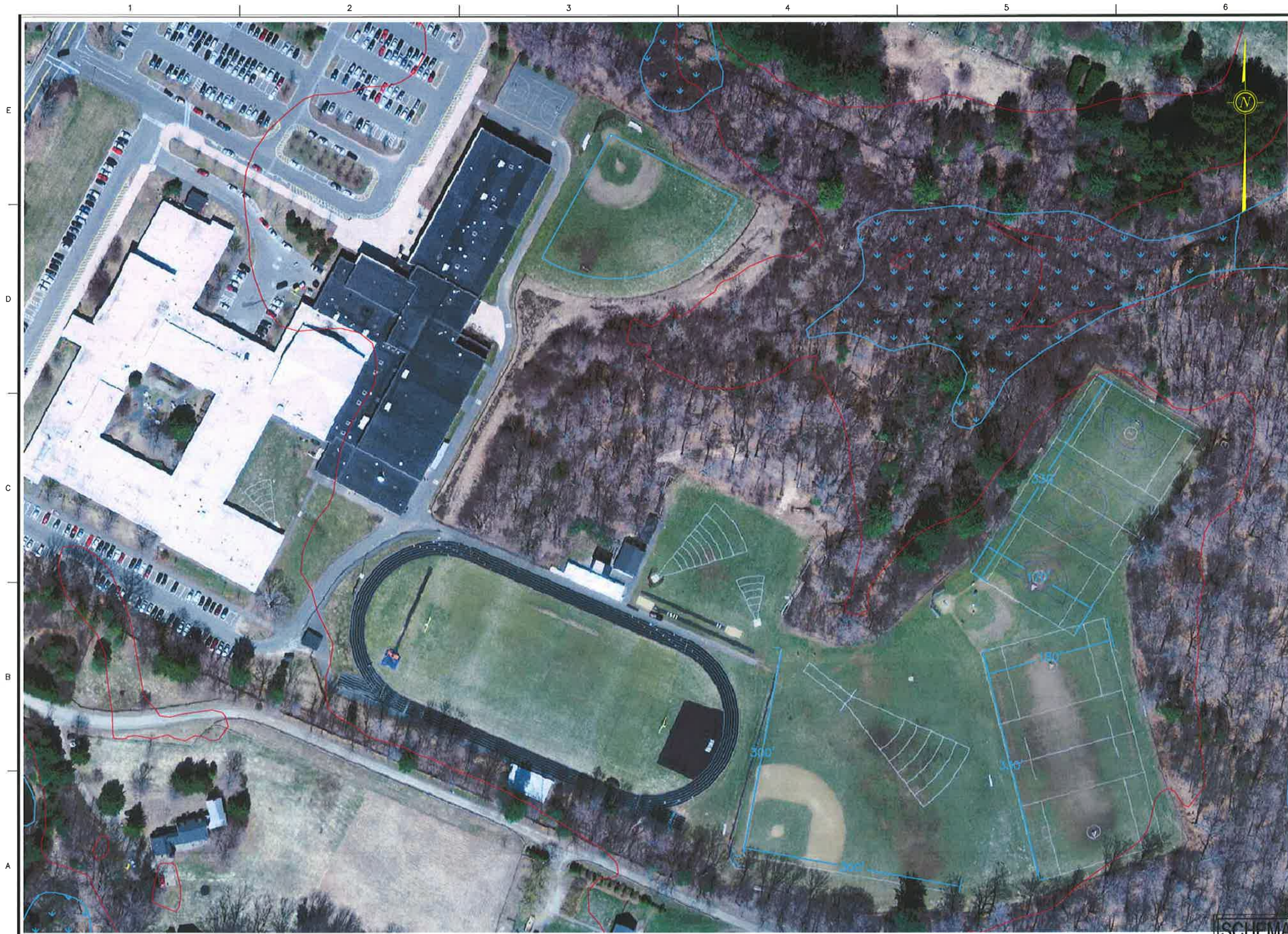
SCHEMATIC

DRAWING NO.

SK-3

PROJECT NO. 008 HW





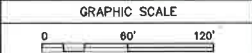
Gale Associates, Inc.  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6465 F 781.335.6467  
www.galeinc.com  
Boston Baltimore Orlando San Francisco

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 60'



SHEET TITLE

H-W REGIONAL  
HIGH SCHOOL  
BASEMAP

DRAWING NO.

SK-10

PROJECT NO. J08 HAM





SCHEMATIC



Gale Associates, Inc.  
Engineers and Planners  
113 LIBNEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6465 F 781.335.6467  
www.galeco.com  
Boston Baltimore Orlando San Francisco

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2012

PROJECT

RECREATIONAL MASTER PLAN  
HAMILTON/WENHAM RECREATION DEPT.  
14 UNION STREET  
SOUTH HAMILTON, MA

OWNER

HAMILTON/WENHAM RECREATION DEPT.  
14 UNION STREET  
SOUTH HAMILTON, MA

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	716410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 50'



SHEET TITLE


IRON RAIL  
SOCCER FIELDS  
BASEMAP

DRAWING NO.  
**SK-11**

PROJECT NO. JOB NUM







Gale Associates, Inc.  
Engineers and Planners  
183 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6465 F 781.335.6467  
www.galinc.com  
Boston Baltimore Orlando San Francisco


This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 50'

GRAPHIC SCALE



SHEET TITLE

PATTON PARK  
BASEMAP

DRAWING NO.	SK-1
	PROJECT NO. JOB NUM

SCHEMATIC





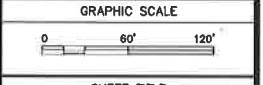
Gale Associates, Inc.  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781 335 6465 F 781 335 6467  
www.galeinc.com  
Boston Baltimore Orlando San Francisco

This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright©2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 60'




SHEET TITLE  
  
PINGREE PARK  
BASEMAP

SCHEMATIC

DRAWING NO.	SK-4
PROJECT NO.	JOB NEW







Gale Associates, Inc.  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02188  
P 781.335.8485 F 781.335.8487  
www.galinc.com  
Boston | Bellmore | Orlando | San Francisco


This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright © 2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	
	OWNER HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 40'

GRAPHIC SCALE



SHEET TITLE


WEST WENHAM  
PARK BASEMAP

DRAWING NO.	SK-5
	PROJECT NO. JOB NAME

SCHEMATIC







**Gale Associates, Inc.**  
Engineers and Planners  
163 LIBBEY PARKWAY | WEYMOUTH, MA 02189  
P 781.335.6465 F 781.335.6467  
www.galeinc.com  
Boston Baltimore Orlando San Francisco

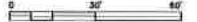
This drawing and the design and construction features disclosed are proprietary to Gale Associates, Inc. and shall not be altered or reused in whole or part without the express written permission of Gale Associates, Inc. Copyright © 2012

PROJECT	RECREATIONAL MASTER PLAN HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA	
	OWNER	HAMILTON/WENHAM RECREATION DEPT. 14 UNION STREET SOUTH HAMILTON, MA

REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	715410-BASE
DESIGNED BY	
DRAWN BY	LAB
CHECKED BY	WJS
DATE	2/10/2012
DRAWING SCALE	1" = 30'

GRAPHIC SCALE



SHEET TITLE

WINTHROP ELEM.  
BASEMAP

DRAWING NO.	SK-6
PROJECT NO.	JOB NAM

SCHEMATIC





ENCLOSURE 3

Field Use Matrix

Athletic Fields Study		Field Use Evaluation - Actual Demand (Scheduled Team Uses)																																
User Organization	User Demand Statistics					Fields																												
	Number Teams	Number Participants	Season Start	Season End	Total Games / Practices	Patton Park Little League (Lighted)	Patton Park Lg diamond	Patton Park Multi-use (outfield)	Donovan Diamond	Donovan Multi-use	Fairhaven	HS Game	HS Baseball	HS Field 1	HS Field 2	HS Field 3	Pingree Black	Pingree Cheeseman	Pingree Wildes & Outfield	Pingree Multi (outfield)	Buker 1	Buker 2	Cutler	Winthrop	Vest Wenham	DPW	M.S.	Iron Rail 7	Iron Rail 8	Iron Rail 9	Clark lax field	Pingree School	Recreation Gym	
H-W Little League Spring	32	380	April	June		280			112								168	168			168	126	98	56			56							
H-W Little League Summer	10	120	July	August		70			40								40	60			40	40	40	40			30							
H-W Youth Football	5	115	Aug.	Nov.				55				18																						
H-W Youth Soccer Spring	47	535	April	Nov.						27	52															70			143	117	117			
H-W Youth Soccer Fall	67	655	Sept	Nov															147							60			132	108	108			
H-W Youth Boys Lacrosse	15	200	April	June						125																						91	98	
H-W Youth Girls Lacrosse	10	161	April	June							13	96																				13		
H-W Babe Ruth Fall	5	55	April	June			62												80															
HWRHS Football	1	30	Aug	Nov								9			84																			
HWRHS Varsity Boys Soccer	1	20	Aug	Nov								14		70																				
HWRHS Freshman Boys Soccer	1	20	Aug.	Nov.						46																								
HWRHS Varsity Girls Soccer	1	20	Aug	Nov								14			80																			
HWRHS JV Girls Soccer	1	20	Aug	Nov											10																			
HWRHS Freshman Girls Soccer	1	20	Aug.	Nov.						46																								
HWRHS Varsity Field Hockey	1	20	Aug.	Nov							46																							
HWRHS Cross Country																																		
HWRHS Varsity Baseball	1	25	March	May			55						10																					
HWRHS JV Baseball	1	15	April	June									70																					
HWRHS Boys Varsity Lacrosse	1	20	April	June								14			65																			
HWRHS Track and Field																																		
Recreation Patton Park Program	1	150	June	August				80																										
Adult Boot Camp Fall	1	20	Sep	Nov							50																							
Adult Boot Camp Spring	1	20	Mar	May							50																							
Adult Boot Camp Summer	1	20	June	August							50																	</						

Athletic Fields Study	Field Use Evaluation - Actual Demand (Scheduled Team Uses)																																
User Organization	User Demand Statistics					Fields																											
	Number Teams	Number Participants	Season Start	Season End	Total Games / Practices	Patton Park Little League (Lighted)	Patton Park Lg diamond	Patton Park Multi-use (outfield)	Donovan Diamond	Donovan Multi-use	Fairhaven	HS Game	HS Baseball	HS Field 1	HS Field 2	HS Field 3	Pingree Black	Pingree Cheeseman	Pingree Wildes & Outfield	Pingree Multi (outfield)	Buker 1	Buker 2	Cutler	Winthrop	Vest Wenhatch	DPW	M.S.	Iron Rail 7	Iron Rail 8	Iron Rail 9	Clark lax field	Pingree School	Recreation Gym
H-W Sr. Babe Ruth Summer	1	20	July	August			10																										
Eagles Soccer	1	30	Sep.	Nov.							8																						
Sunforce Soccer	2	35								10															10								
Wiffleball	20	80	July	July				20																									
Flag Football - Adult			Sep	Sep							1																						
Phy Ed - HWRHS			Sep	Jun											180																		
Phys Ed M.S			Sep	June																						180							
Phys Ed Cutler			Sep	June																			180										
Phys. Ed Buker			Sep	June																	180												
Phys Ed Winthrop			Sep	June																				180									
Recreation Multi Sport	1	20	Aug.	Aug.							5																						
Middle School Intramurals Field Hockey Fall	1	20	Sep	Nov																						30							
Middle School intramurals X-Country Fall	1	50	Sep	Nov				5																									
Middle School Intramurals Ultimate Frisbee	1	10	Sep	Nov																6													
Mens Adult Basketball League	12	120	Jan	Dec																													180
Sunday Basketball League	1	25	Jan	Dec																													45
Fitness Classes	6	120	Jan	Dec																													300
Young Adult Basketball League			Jul	Aug																													50
H-W Freshman Basketball	1	20	Nov	Feb																													50
Pingree School basketball	1	20	Dec	Feb																													5
H-W Thundercats	2	20	Nov	April																													18
H-W Youth Basketball			Nov	Mar																													240
Floor Hockey - Fall	1	10	Feb	April																													6
Special Events	10	200	Jan	Dec																													10
Imagination Station	1	50	Jan	Dec																													60
Adult Soccer Fall	5	80																											36	36			
Adult Soccer Spring	5	80																											26	26			
HWRHS JV Football												9																					
HWRHS JV Boys Soccer	1	20	Aug	Nov										10																			
HWRHS girls Varsity Lacrosse	1	20	April	June								14				10																	



Athletic Fields Study					Field Use Evaluation - Actual Demand (Scheduled Team Uses)																												
User Organization	User Demand Statistics					Fields																											
	Number Teams	Number Participants	Season Start	Season End	Total Games / Practices	Patton Park Little League (Lighted)	Patton Park Lg diamond	Patton Park Multi-use (outfield)	Donovan Diamond	Donovan Multi-use	Fairhaven	HS Game	HS Baseball	HS Field 1	HS Field 2	HS Field 3	Pingree Black	Pingree Cheeseman	Pingree Wildes & Outfield	Pingree Multi (outfield)	Buker 1	Buker 2	Cutler	Winthrop	Vest Wenh	DPW	M.S.	Iron Rail 7	Iron Rail 8	Iron Rail 9	Clark lax field	Pingree School	Recreation Gym
HWRHS JV Boys Lacrosse												6																					
HWRHS JV Girls Lacrosse												6				60																	
						350	144	160	152	267	358	104	80	80	419	70	208	228	233	0	388	166	318	276	10	130	296	275	287	287	104	98	964



ENCLOSURE 4

Net Effective Uses

Athletic Fields Study		Field Use Evaluation - Net Effective Uses (With Multipliers)																																
User Organization	User Demand Statistics					Fields																												
	Number Teams	Number Participants	Season Start	Season End	Multiplier	Patton Park Little League (Lighted)	Patton Park Lg diamond	Patton Park Multi-use (outfield)	Donovan Diamond	Donovan Multi-use	Fairhaven	HS Game	HS Baseball	HS Field 1	HS Field 2	HS Field 3	Pingree Black	Pingree Cheeseman	Pingree Wildes & Outfield	Pingree Multi (outfield)	Buker 1	Buker 2	Cutler	Winthrop	Vest Wenhams	DPW	M.S.	Iron Rail 7	Iron Rail 8	Iron Rail 9	Clark lax field	Pingree School	Recreation Gym	
H-W Little League Spring	32	380	April	June	0.75	210			84								126	126			126	94.5	73.5	42			42							
H-W Little League Summer	10	120	July	August	0.75	52.5			30								30	45			30	30	30	30			22.5							
H-W Youth Football	5	115	Aug.	Nov.	1			55				18																						
H-W Youth Soccer Spring	47	535	April	Nov.	1					27	52															70			143	117	117			
H-W Youth Soccer Fall	67	655	Sept	Nov	1														147							60			132	108	108			
H-W Youth Boys Lacrosse	15	200	April	June	1.25					156.25																						113.75	122.5	
H-W Youth Girls Lacrosse	10	161	April	June	1					13	96																					13		
H-W Babe Ruth Fall	5	55	April	June	0.9		55.8												72															
HWRHS Football	1	30	Aug	Nov	2							18			168																			
HWRHS Varsity Boys Soccer	1	20	Aug	Nov	1.75							24.5		122.5																				
HWRHS Freshman Boys Soccer	1	20	Aug.	Nov.	1.75					80.5																								
HWRHS Varsity Girls Soccer	1	20	Aug	Nov	1							14			80																			
HWRHS JV Girls Soccer	1	20	Aug	Nov	1										10																			
HWRHS Freshman Girls Soccer	1	20	Aug.	Nov.	1					46																								
HWRHS Varsity Field Hockey	1	20	Aug.	Nov	1						46																							
HWRHS Cross Country					0.5																													
HWRHS Varsity Baseball	1	25	March	May	0.9		49.5						9																					
HWRHS JV Baseball	1	15	April	June	0.9								63																					
HWRHS Boys Varsity Lacrosse	1	20	April	June	1.75							24.5			113.75																			
HWRHS Track and Field					1																													
Recreation Patton Park Program	1	150	June	August	1			80																										
Adult Boot Camp Fall	1	20	Sep	Nov	1						50																							
Adult Boot Camp Spring	1	20	Mar	May	1						50																							
Adult Boot Camp Summer	1	20	June	August	1						50																							
H-W Intertown Baseball	1	20	Sep	Nov	0.9		15.3																											



Athletic Fields Study		Field Use Evaluation - Net Effective Uses (With Multipliers)																															
User Organization	User Demand Statistics					Fields																											
	Number Teams	Number Participants	Season Start	Season End	Multiplier	Patton Park Little League (Lighted)	Patton Park Lg diamond	Patton Park Multi-use (outfield)	Donovan Diamond	Donovan Multi-use	Fairhaven	HS Game	HS Baseball	HS Field 1	HS Field 2	HS Field 3	Pingree Black	Pingree Cheeseman	Pingree Wildes & Outfield	Pingree Multi (outfield)	Buker 1	Buker 2	Cutler	Winthrop	Vest Wenhams	DPW	M.S.	Iron Rail 7	Iron Rail 8	Iron Rail 9	Clark lax field	Pingree School	Recreation Gym
H-W Sr. Babe Ruth Summer	1	20	July	August	0.9		9																										
Eagles Soccer	1	30	Sep.	Nov.	1.75						14																						
Sunforce Soccer	2	35			1.75					17.5															17.5								
Wiffleball	20	80	July	July	0.5			10																									
Flag Football - Adult			Sep	Sep	1						1																						
Phy Ed - HWRHS			Sep	Jun	0.9										162																		
Phys Ed M.S			Sep	June	0.9																					162							
Phys Ed Cutler			Sep	June	0.9																		162										
Phys. Ed Buker			Sep	June	0.9																162												
Phys Ed Winthrop			Sep	June	0.9																			162									
Recreation Multi Sport	1	20	Aug.	Aug.	1						5																						
Middle School Intramurals Field Hockey Fall	1	20	Sep	Nov	0.9																					27							
Middle School intramurals X-Country Fall	1	50	Sep	Nov	0.9			4.5																									
Middle School Intramurals Ultimate Frisbee	1	10	Sep	Nov	0.5														3														
Mens Adult Basketball League	12	120	Jan	Dec	1																												180
Sunday Basketball League	1	25	Jan	Dec	1																												45
Fitness Classes	6	120	Jan	Dec	1																												300
Young Adult Basketball League			Jul	Aug																													50
H-W Freshman Basketball	1	20	Nov	Feb																													50
Pingree School basketball	1	20	Dec	Feb																													5
H-W Thundercats	2	20	Nov	April																													18
H-W Youth Basketball			Nov	Mar																													240
Floor Hockey - Fall	1	10	Feb	April																													6
Special Events	10	200	Jan	Dec																													10
Imagination Station	1	50	Jan	Dec																													60
Adult Soccer Fall	5	80			1.75																								63	63			
Adult Soccer Spring	5	80			1.75																								45.5	45.5			
HWRHS JV Football					1.75							15.75																					
HWRHS JV Boys Soccer	1	20	Aug	Nov	1.75									17.5																			
HWRHS girls Varsity Lacrosse	1	20	April	June	1.25							17.5				12.5																	





ENCLOSURE 5

Summary of Uses

FIELD USE ANNUAL SUMMARY - ACTUAL TEAM USES									
Field Location	Field	Field Type	Field Rested (Y/N)	Spring Uses	Summer Uses	Fall Uses	Winter Uses	Total Annual Uses	
Patton Park	60' Diamond & MPR	60' B / MPR	N	280	170	50	0	510	
	90' Diamond	90' B	N	55	10	79	0	144	
Pingree Park	Cheeseman	60' B	Y	168	60	0	0	228	
	Widess	90' B & MPR	Y	0	0	233	0	233	
	Black	60' B	Y	168	40	0	0	208	
Donovan Field	Field 1	60' B	Y	112	40	0	0	152	
	Field 2	MPR	N	165	0	102	0	267	
Fairhaven Field	Fairhaven Field	MPR	N	198	55	105	0	358	
	DPW Field	MPR	N	70	0	60	0	130	
Iron Rail Fields	Field 7	MPR	N	143	0	132	0	275	
	Field 8	MPR	N	143	0	144	0	287	
	Field 9	MPR	N	143	0	144	0	287	
West Wenham Park	Field 1	MPR	Y	0	10	0	0	10	
H-W Regional High School	Game Field	MPR	N	40	0	64	0	104	
	Field 1	MPR	Y	0	0	80	0	80	
	Field 2	MPR	N	65	0	354	0	419	
	Field 3 & 90' Diamond	MPR/90'B	N	90	0	60	0	150	
Middle School	Field 1	60' B	N	116	90	90	0	296	
Winthrop School	Field 1	60' B	N	116	100	60	0	276	
Curler School	Field 1	60' B	N	158	100	60	0	318	
Baker Elementary	Field 1	60' B	N	228	100	80	0	388	
	Field 2	60' B	N	126	0	40	0	166	
22 Total									5286

B/S = Baseball/Softball

MPR = Multipurpose Rectangular

Anticipated Natural Turf Field Condition

Sustainable good field conditions with optimal performance

Fair to good field conditions with some thinning turf and localized wear areas

Poor to fair field conditions with significant turf loss and field surface damage

Field in Failure with potential for athlete injury

Based on Uses per Year\*\*

Uses per Year\*

Less than 150

150-200

200-250

Over 250

\* In general, a single use consists of field being utilized by 10-20 people for two hours \*\* The field condition parameters mentioned above assume that the field begins the year with good coverage and is part of an aggressive maintenance program that includes proper: irrigation, fertilization, aerating, top dressing, and resting period.

\*\* The field condition parameters mentioned above assume that the field begins the year with good coverage and is part of an aggressive maintenance program that includes proper: irrigation, fertilization, aerating, top dressing, and resting period.

The field condition parameters mentioned above are educated predictions compiled using various sources from Sports Turf Managers Association (STMA) and Gale's own representative experience in designing athletic facilities.