Executive Summary

This document provides a brief summary of the process, findings, and recommendations for the full Athletic Field's Needs Assessment and Master Plan Update report dated November 8, 2012. For a detailed analysis of the findings and recommendations please refer to the full report.

Gale Associates Inc. (Gale) was engaged by the Friends of Sudbury Park & Recreation to update the Town-wide Athletic Field's Needs Assessment and Master Plan Report Form in 2003. A number of the recommended improvements from the 2003 report have been implemented to include the development of four (4) synthetic fields throughout the Town. To understand the purpose and methodology please refer to section one (1) and two (2) of the report.

There are a total of thirty-six (36) individual athletic fields within the Town, distributed throughout thirteen (13) facilities. Each facility considered in the report is listed below:

- Crime Lab Fields
- Cutting Field
- Davis Field
- Ephraim Curtis Middle School Fields
- Featherland Park
- Frank Feeley Field
- General John Nixon Elementary School Fields
- Haskell Fields
- Haynes Elementary School Fields
- Israel Loring Elementary School Fields
- Lincoln Sudbury Regional High School
- Peter Noyes Elementary School Fields
- Ti-Sales Fields

Each field was visited by Gale staff and standard field evaluation forms were completed for each field at each recreation complex (refer to Enclosure 1). Additionally Gale compiled a list of short term recommendations and observations for each field, which can be found in Section three (3) of the report.

An essential task in the fields study was to determine the extent to which the fields are used and rested. A user demand matrix was created to documents all of the uses on each individual field. This matrix is provided in Enclosure 3 of the report and shows the Town of Sudbury currently supports nearly 9,571 scheduled team events annually.

In order to gather a better understanding of the uses per field, a more detailed breakdown by type use and field type was necessary. The table below shows a breakout of the types of fields compared to the uses for that particular field type. It also takes into account the serviceability of each field and lists the number of usable fields for each field type.

Table: Field Type vs. Useable Fields

Type of Field	Number of Fields	Usable Fields	Uses Per Type	Uses/Usable Fields
Softball	6	4	1,180	295
Baseball	5	5	1,356	271
Little League	10	4	1,145	286
MPR Natural*	11	9	3,172	353
MPR Synthetic	4	4	2,233	558

It should be noted that an aggressively maintained and irrigated natural turf field that is rested for up to one-third of the spring or fall growing season can, theoretically, sustain up to 250 team uses per year and maintain high quality and safe athletic turf. Gale's preliminary findings are that, given optimal maintenance efforts and growing conditions, the demands on the Sudbury playing fields currently in use, with the exception of the synthetic turf fields, generally exceed the level at which is it possible to sustain safe, high-quality athletic facilities. As you can see from the last column, on average, the natural turf fields within the Town of Sudbury are seeing greater than the 250 recommended annual uses.

Based on an analysis of need-by–type, we have concluded that the following fields are required to sustain the current user demands.

- Two (2) softball
- One (1) 90' baseball
- One (1) Little League
- Four (4) natural turf, multi-purpose rectangular fields

Base on the required field inventory we have provided three (3) redevelopment / redistribution strategies which will show how the Town of Sudbury can accomplish this field requirement. In all of the three (3) options a complete renovation of the High School Softball facility is proposed and will result in safer playing conditions, a field more consistent with other LSRHS fields, as well as a field that better meets the needs of the LSRHS softball program.

For a detailed description of proposed fields by type and location please refer to section ten (10) of the master plan. Below shows a summary of each redevelopment option, as well as associated cost.

Redevelopment Option 1:

Location	Strategy	Field Change	Cost
High School	Reconstructed Softball	+ 1 Softball	$555K
	New Community Field Lights	No Change	$350K
Featherland	New 80' Little League Field	+1 LL -1 Softball	$425K
Haskell	New MPR Field	+1 MPR - 90' B	$200K
Melone Property	New 90' Baseball Field	+1 90' B	$3.90M
	New 90' Baseball Field	+1 90' B	
	New Softball Field	+1 Softball	
	New Softball Field	+ 1 Softball	
	New Synthetic Turf MPR	+ 1 Synthetic	

SUMMARY (Net Change):
+1 Synthetic Turf Field, +1 Multipurpose, +2 Softball, +1 Little League, +1 90' Baseball **$5,430,000**

Redevelopment Option 2:

Location	Strategy	Field Change	Cost
High School	Reconstructed Softball	+1 Softball	$555K
	New Community Field Lights	No Change	$350K
Featherland	New 80' Little League Field	+1 LL -1 Softball	$425K
Haskell	New MPR Field	+ 1 MPR -1 90' B	$200K
Feeley	New Reconfigured Softball	+1 Softball	$1.815M
	New Synthetic 90' Baseball	+1 Synthetic	
Davis	New 90' Baseball Field	+1.90' B	$1.725M
	New MPR Field	+1 MPR	
	Reconstructed MPR Field	No Change	
	New Softball Field	+1 Softball	

SUMMARY (Net Change):

+1 Synthetic baseball / MPR, +3 Multipurpose, +2 Softball + 1 Little League **$5,070,000**

Redevelopment Option 3:

Location	Strategy	Field Change	Cost
High School	Reconstructed Softball	+1 Softball	$555K
	New Community Field Lights	No Change	$350K
Featherland	New 80' Little League Field	+1 LL -1 Softball	$425K
Haskell	New MPR Field	+ 1 MPR -1 90' B	$200K
Melone Property	New 90' Baseball Field	+ 1 90' B	$3.50M
	New 90' Baseball Field	+1 90' B	
	New Softball Field	+1 Softball	
	New Softball Field	+ 1 Softball	
	New MPR Field	+1 MPR	
Davis	New MRP Field	+1 MPR	$1.55M
	New MPR Field	+1 MPR	
	Reconstructed MPR Field	No Change	

SUMMARY (Net Change):

+4 Multipurpose, + 2 Softballs, +1 Little League + 1 90' Baseball Fields **$6,580,000**

Section twelve (12) of the mater plan shows how each redevelopment options summarized above redistributes the Town's uses to meet the recommended 250 annual uses per field. Additionally, Section thirteen (13) of the reports discusses a phasing plan which shows how the Town can accomplish these redevelopment projects over a four-six (4-6) year period.

As a result of this study, the Town of Sudbury has a Master Plan for athletic field redevelopment which, when implemented, will result in a population of fields, by type and location, that better meets the needs of the Town. This will be accomplished either by the development of a new parcel, redevelopment of existing parcels, or a combination of the two. The field conditions, as a result of the immediate Master Plan improvements will show a dramatic reduction in use on town fields and the provision of a rest period for all fields.

Athletic Fields Needs Assessment & Master Plan Update Town of Sudbury

December 7, 2012

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enclosures

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ATHLETIC FIELDS NEEDS ASSESSMENT & MASTER PLAN UPDATE
TOWN OF SUDBURY

Section 1.0 - Introduction, Background and Purpose

Gale Associates was engaged by the Friends of Sudbury Park & Recreation to assist with an updated Athletic Needs Assessment and Master Plan.

Gale completed a Town-wide Athletic Field Master Plan for the Town of Sudbury in 2003. A number of the recommended improvements have been implemented to include the development of four (4) synthetic fields. The purpose of this study is to provide an update to this plan based on the changes in field inventory and condition and changes in community needs.

This Master Plan update was completed in November of 2012 and was funded by the Friends of Sudbury Park & Recreation.

As an initial step in this effort, Gale completed an inventory and evaluation of each field. Additionally, Gale completed a demand assessment to quantify the use made of the existing facilities and to assess their adequacy. This assessment addresses the following questions:

- What is the current inventory of fields in the Town?
- What record information or base plans are available for each?
- What is the general condition of each facility?
- What are the immediate renovation needs for these fields (as opposed to redevelopment), and what are the costs associated with these needs?
- 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?
- What are the most compelling, high priority needs for additional field space in the Town?
- How can existing field parcels be reconfigured or improved to better meet projected demand?
- Which Town properties have potential for new athletic field development or redevelopment?

Section 2.0 - Field Assessments – Methodology

The first step in the Town-wide Athletic Field Master Planning effort was to assess the existing conditions at each facility. The scope of this study included all athletic fields at each of the following complexes:

- Crime Lab Fields
- Cutting Field
- Davis Field
- Ephraim Curtis Middle School Fields
- Featherland Park

- Frank Feeley Field
- General John Nixon Elementary School Fields
- Haskell Fields
- Haynes Elementary School Fields
- Israel Loring Elementary School Fields
- Lincoln Sudbury Regional High School
- Peter Noyes Elementary School Fields
- Ti-Sales Fields

There are a total of thirty-six (36) individual athletic fields in the Town, distributed throughout these thirteen (13) complexes. Each field was visited by Gale staff and standard field evaluation forms were completed for each field at each recreation complex (refer to Enclosure 1). Gale completed photo documentation, descriptions of each field and took measurements, as required, to assess geometric compliance with applicable standards.

The assessment was performed using accepted industry standards and guidelines, where available. The National Federation State High School Associations (NFHS) and Massachusetts Interscholastic Athletic Association (MIAA) guidelines were followed in the evaluation of the school field layouts and equipment. Similarly, the Architectural Access Board Guidelines were used to assess ADA compliance.

The fields were also evaluated for serviceability (systems and equipment in good repair and meeting the intended purpose) and safety. The findings within each field complex are categorized as they relate to the safety, serviceability and accessibility of the components.

Section 3.0 - Field Assessments – Short Term Recommendations

The individual field assessment reports detail the general condition of each facility that Gale observed at the time of assessment. Additionally, Gale has compiled a listing of short-term maintenance and repair items required at each of the subject fields to address immediate needs. These repairs are required to provide safe, serviceable and accessible facilities, and are not related to the renovation strategies presented later in this report. The field evaluations were not intended to be exhaustive and the short term repairs noted below are not intended to capture all such needs at each venue. The individual field assessment results are provided as Enclosure 1 and are summarized as follows:

3.1 Crime Lab Fields

Little League Baseball Field

- The field is in poor condition, with repairs necessary to field planarity and turf condition.
- The field appears to be saturated with poor drainage.

- The infield is not skinned; it is currently grass with gravel patches for the base, pitchers mound, and home plate areas.
- Backstop fence needs to be repaired.
- The site has no outfield fencing or foul poles delineating limits of play.
- There is no ADA accessibility provided to the field.
- The field has no spectator seating.

3.2 Cutting Field

Multipurpose Synthetic Turf Field

- Synthetic turf is in good condition with no apparent tears or fiber loss. Turf needs to be groomed to stand fibers backup and redistribute infill.
- Site has adequate parking (approximately 40-45 paces) with three (3) handicap spaces.
- The site is ADA accessible.
- No scoreboard.
- No athletic lighting. Athletic lighting would allow the Town to make full use of the synthetic turf field.

3.3 Davis Field

Natural Turf Area

- This field is in decent condition, with some areas void of turf growth.
- The field needs to be aerated to relieve compaction, then top-dressed, fertilized, reseeded, re-grown and rested to eliminate bare spots.
- A formal drainage system needs to be installed to eliminate areas of saturation.
- The gravel parking lot is adequate in size however there is no ADA accessibility to the field.
- No site building to provide restrooms or field storage.
- No spectator seating.
- No athletic lighting.
- Site has great potential for redevelopment.

3.4 Ephraim Curtis Middle School Fields

Softball Field

- This field is in good condition and has appropriate geometry.
- The field needs to be aerated to relieve compaction, then top-dressed, fertilized, reseeded, re-grown and rested to eliminate bare spots.
- The infield needs to weeded and re-edged.
- The third base side is close to the access drive and presents a safety concern. A fence installed between the access drive and players' bench would eliminate this issue.
- The backstop and baseline fence post and fabric are in good condition, however need to be repainted.
- There are no outfield fencing or foul poles due to use of the outfield as a rectangular field.
- The wooden scoreboard needs to be repaired.
- No spectator seating.

Baseball Field

- This field is in good condition and has appropriate geometry.
- The field needs to be aerated to relieve compaction, then top-dressed, fertilized, reseeded, re-grown and rested to eliminate bare spots.
- The infield base lines need to be re-graded.
- The infield needs to be weeded and re-edged.
- The backstop and baseline fence post and fabric are in good condition, however need to be repainted.
- There is no outfield fencing or foul poles due to use of the outfield as a rectangular field.
- The wooden scoreboard in good condition.
- No spectator seating.

3.5 Featherland Parks

Lower Featherland (Little League Fields)

- Fields 2 and 3 have new MUSCO Athletic lighting, four (4) poles per field, with four to eight (4-8) fixtures per pole. Poles are in good condition and are in the correct location.

- Fields 2 and 3 have good orientation and meet all Little League geometry standards.
- The turf quality is good on all three (3) fields with high growth density and minimal repairs necessary.
- Field 2 has an area behind second base which needs to be re-seeded and re-grown.
- The infill clay on all fields appears to be over compacted with poor drainage. A new infield mix, containing a good mix of silt and sand to increase drainage through material, is needed.
- Field 1 has short foul pole distances due close proximately to the stream just beyond the outfield fence.
- Facility is ADA accessibly.
- Each field has a wooden scoreboard in good condition.

Upper Featherland (Softball/Major League Diamond)

- Both fields have great turf condition with high growth density and minimal areas that need repairs.
- Softball field athletic lighting is old and needs to be updated.
- Major League Diamond spectator seating is old and does not meet code.
- Softball backstop needs to be replaced.
- Neither field is ADA accessible.
- Major League Diamond fencing and press box are in good condition.
- Softball field does not have dugouts or baseline fencing. The players' benches need to be replaced.
- If possible the softball field shall be relocated and the current location shall be turned into a Little League field to accompany the surrounding fields.

3.6 Frank Feeley Fields

Upper Softball Field

- Turf growth density is weak and several areas are void of turf. These areas should be top-dressed, fertilized, reseeded, and re-grown.
- The field and spectator seating are not ADA accessible.
- The backstop is in good condition.

- The infield needs to be weeded and re-edged.
- The wooden spectator seating is falling apart and needs to be replaced. It currently does not meet code.

Lower Softball Fields 1 and 2

- The outfield turf for both fields is in decent condition. There are areas of weed infestation and areas void of turf that need to be repaired.
- There are dips and humps within the outfields that need to be re-graded.
- The infields for both fields need to be weeded and re-edged.
- Softball Field 1 needs a new backstop and repairs to the baseline fencing.
- The pitcher's rubber for both fields needs to be replaced.
- There is no ADA access to the field.
- The softball fields are currently conflicting and cannot support games being played simultaneously. The two (2) fields need to be reconfigured to resolve this issue.

Baseball Diamond

- This field is in good condition however is unplayable in early spring due to high groundwater and drainage issues. Improved drainage is necessary to improve the serviceability of the field.
- The turf is in good condition with high growth density and only minor repairs necessary.
- Athletic lighting needs to be upgraded.
- Outfield fencing is in good condition with minor repairs to the wind screening necessary.
- The dugouts and press box need to be maintained and refurbished. The press box needs to be resided.
- The spectator seating is not ADA accessible.

3.7 General John Nixon Elementary School Fields

Little League Field

- The turf condition is very poor. A complete reconstruction of the field is necessary to establish turf growth.
- The backstop and players' benches fencing are in good condition.

- Various trees need to be removed to provide adequate safety run outs along the base lines.
- The field is not ADA accessible.

3.8 Haskell Fields

90' Baseball Diamond

- The turf quality is good, however it needs to be aerated top-dressed, fertilized, reseeded, and re-grown to eliminate bare spots.
- The infield and base lines need to be weeded and re-edged.
- The spectator seating is non-code-compliant and is not ADA accessible.
- The backstop and temporary outfield fencing are in good condition.
- The dugouts appear to be new and in good condition with 6' fencing in front.
- If possible, relocating the 90' baseball field outside of the Haskell complex would be ideal.

Youth Soccer Fields

- The turf quality throughout the fields is fair. The turf shows signs of overuse without enough rest periods, which have resulted in weak growth and bare spots.
- The current parcel is fully utilized and supports approximately 12-15 soccer/lacrosse fields averaging seven (7) full size fields.
- Developments of additional youth lacrosse and soccer fields are necessary to take the demand off these existing fields.
- Overall, the site appears to meet intended purpose.
- Site has adequate parking and restrooms building.
- Site has irrigation system from existing wells.

3.9 Haynes Elementary School Fields

Little League Field/Youth Soccer

- The current geometric configuration of the field is poor to support both Little League and youth soccer.

- The backstop is in good condition, but no base paths, infield or baseball/softball equipment is provided.
- The turf quality is poor with weak growth density and large areas void of turf.
- The field shows signs of overuse and needs to be reconstructed to provide an adequate athletic field.
- It appears the intended use is for recess and other no athletic uses.

3.10 Israel Loring Elementary School Fields

Youth Soccer Field

- The turf quality is very poor and shows no turf growth between the goals. A complete field reconstruction is necessary to establish growth.
- There is no ADA access to the field.
- It appears the intended use is for recess and other no athletic uses.

Little League Fields

- The turf quality is good, however it needs to be aerated, top-dressed, fertilized, reseeded, and re-grown to eliminate bare spots.
- The prevailing grades result in a narrow right field of approximately 150'.
- There is no outfield fencing and the distance to the tree line presents a shallow outfield.
- There is no ADA access to the field.
- The infield needs to be weeded and re-edged.
- The backstop and players benches are in good condition.

3.11 Lincoln Sudbury Regional High School

Community Field

- The turf is in good condition with no signs of tears or loss of fibers. The turf needs to be groomed to stand the fibers back up and re-distribute the infill.
- The athletic lighting is outdated and needs to be upgraded.
- The spectator seating and pressbox are in good condition and are code compliant.

- The track appeared to be in good condition. Gale's recommendation would be to re-surface between the (eight and ten) 8-10 year mark.
- Perimeter fencing is in good condition.
- Site amenities are good with a restroom/concessions building located at the entrance of the facility.

Turf 1/Turf 2

- The turf is in good condition with no signs of tears or loss of fibers. The turf needs to be groomed to stand the fibers back up and re-distribute the infill.
- Perimeter fencing and safety netting are in good condition.
- The turf fields have no athletic lighting.
- Fields are ADA accessible.

Varsity Baseball/MPR

- The turf condition is fair to good with some areas of overuse and bare spots due to use of the outfield as a MPR field.
- The infield is in good condition.
- The backstop and players' benches are in good condition.
- There is no outfield fencing due to use of the outfield as a MPR field.
- The field is not ADA accessible.

JV Baseball/MPR

- The turf is in good condition with high growth density.
- The infield is in good condition.
- There is no outfield fencing due to use of the outfield as a MPR field.
- The backstop and players' benches are in good condition.
- The field is not ADA accessible

Natural Turf MPR

- The turf is in fair condition with signs of overuse and areas void of turf. In order to eliminate the bare spots, aerating, top-dressing, fertilizing, reseeding, and a re-growing period is required.
- The field is not ADA accessible.

Softball Field

- The turf condition is poor with weak growth density and areas void of turf. There are large areas of weed infestation and there is a noticeable lip between infield and outfield.
- The infield clay is overly compacted and does not promote positive drainage.
- The outfield grades do not meet MIAA and NFHS regulations, which are typically 1.25%-1.5% sloping away from the infield.
- There is a large drop off in grade along the right field line (approximately 3-4).
- There is no irrigation system.
- The field is not ADA accessible.
- Overall, the field is unsafe for use and needs to be fully reconstructed to include a number of site amenities.
- A more comprehensive assessment was made of the varsity softball field under a separate Contract. This is the most deficient field at the high school campus. The resultant report is provided at Enclosure 8.

3.12 Peter Noyes Elementary School Fields

Little League 1

- The turf condition is poor with signs of overuse and areas void of turf. In order to eliminate the bare spots, aerating, top-dressing, fertilizing, reseeding, and a re-growing period is required.
- Left field is short do to the prevailing grades and existing access drive around the field.
- There is no outfield fencing and the outfield conflicts with the second Little League field.
- The infield needs to be weeded and re-edged. The base lines need to be re-graded and cut out.
- The backstop and players' benches appear to be new and are in good condition.
- The field is not ADA accessible.

Little League 2

- The turf condition is poor with signs of over use and areas void of turf. In order to eliminate the bare spots, aerating, top-dressing, fertilizing, reseeding, and a re-growing period is required.
- The outfield is short due to Little League Field 1 and there is no outfield fencing.
- The backstop and players' benches appear to be new and are in good condition.
- The field is not ADA accessible.
- The infield needs to be weeded and re-edged. The base lines need to be re-graded and cut out.
- Little League Field 1 should be relocated while Little League Field 2 should be designated as a full size Little League field with proper outfield fencing.

3.13 Ti-Sales Fields

Natural Turf MPR

- Overall the site is a large, open, green space with limited access and no site amenities.
- The turf condition is poor with weed infestation and bare spots throughout the field.
- The field is secluded behind trees and a business, which is a safety concern.
- The site has little potential for development due to restricted access.

Overall, there are a total of thirty-six (36) athletic fields within the Sudbury community with ten (10) of the fields in disrepair and not meeting acceptable standards. For example, there are a total of ten (10) designated Little League fields; however, when looking at geometry and site conditions, approximately six (6) of them do not meet geometry or condition standards and have limited use. This issue causes other fields throughout the Town to experience a disproportionate amount of the use.

The majority of the fields throughout the town have deficiencies in similar areas, which are little to no rest period (essential to turf growth and establishment), areas devoid of turf (a potential safety hazard), lack of site amenities, and ADA accessibility. The chronic poor turf conditions which prevail throughout the Town of Sudbury are indicative of overuse, lack of restorative rest periods, and lack of properly constructed fields. Field demands will be discussed in Section 5 of this report.

It is not the intent of the field assessments to address the renovation and redevelopment recommendations for each facility; that will be addressed in the Master Planning Sections of this report. Rather, these comments are intended to define general existing field conditions and establish those repairs and upgrades necessary to make the fields more fully serviceable, safe and compliant, in their current configuration.

Section 4.0 - Base Plan Development

An essential task to the master planning effort is the creation of a suitable base plan for each field/parcel that has potential for redevelopment, in AutoCAD. These sites include Feeley, Featherland, Davis, Haskell, and the Melone Property. These will serve as the basis for the schematic planning efforts to follow. Gale obtained record information using GIS data (assessor's maps, topographic maps, and wetland maps), as available. Additionally, we consulted FEMA maps, state soil maps, and aerial mapping. Gale produced a suitable base plan for each site listed and these are provided as Enclosure 2.

The base plans reflect property line and site data, as available, and are sufficient for the Master Planning effort. However, these plans are not suitable for detailed design and any projects completed as a result of this Master Plan in the future will require a full property line and topographic survey. The results of such surveys may require modifications to the Master Planning assumptions.

Section 5.0 - Scheduled Field Demand – Team Uses

An essential task in the fields study was to determine the extent to which the fields are used and rested. During the Assessment Phase, Gale met with the Sudbury Parks and Recreation Department and the Lincoln Sudbury School Department. We also conducted user group meetings for the various users of the existing fields. Officials from each user group completed a questionnaire. The completed questionnaires are provided at Enclosure 4.

The total number of team uses (a team use being 10-20 persons using the field for a 2-hour event) was then established for each playing field. Practices are also taken into account as team uses due to their repetitive nature over the same area, which can result in considerable damage to the turf.

Gale has provided a field use matrix for all High School, Middle School, camp and club-type use, as well as recreation and youth sport programs in the community (see Enclosure 3). The totals from this matrix provide an accurate reflection of all of the formal scheduled field uses for each field across the Town, in a given year. There may be additional "informal" uses not included in these use/demand estimates, which are therefore conservative as a result.

As reflected in Table 1 below, the Town of Sudbury currently supports nearly 9,571 scheduled team events per year, with a useful population of thirty-six (36) town and school fields. This results in an annual average use of nearly 266 events per field. The Town of

Sudbury is somewhat unique in that it currently has four (4) synthetic turf fields which can sustain a large user demand.

Table 1. Field Use Annual Summary – Actual Uses

FIELD USE ANNUAL SUMMARY - ACTUAL USES				
Field Location	**Field**	**Field Type**	**Total Annual Uses**	**Comments**
Crime Lab Field	Field 1	LL*	**60**	**Geometry Issues**
Cutting Field	Field 2	MPR (synthetic)	**565**	
Davis Field	Field 3	MPR	**296**	
Curtis Middle School	Field 4	90' B/MPR	**605**	
	Field 5	Softball / MPR	**597**	
Featherland	Field 6	LL Upper	**250**	
	Field 7	LL 1*	**175**	**Geometry Issues**
	Field 8	LL 2	**200**	
	Field 9	LL 3	**250**	
	Field 10	Softball	**374**	
Feeley	Field 11	Softball Upper	**202**	
	Field 12	Softball 1	**143**	**Conflicts with Softball 2**
	Field 13	Softball 2	**133**	**Conflicts with softball 1**
	Field 14	90' B	**284**	
Nixon	Field 15	LL	**168**	**Very Poor Condition**
Haskell	Field 16	90' Baseball	**225**	
	Field 17-23	MPR (7 full-size)	**1557**	
Haynes	Field 24	LL/MPR	**108**	
Loring	Field 25	LL*	**258**	**Geometry Issues**
	Field 26	Youth MPR* (90'x140')	**0**	**Very Poor Condition**
LSRHS	Field 27	Turf 1 (MPR)	**603**	
	Field 28	Turf 2 (MPR)	**490**	
	Field 29	Community Turf (MPR)	**575**	
	Field 30	MPR	**113**	
	Field 31	Softball*	**169**	**Very Poor Condition**
	Field 32	90' B/ MPR	**309**	
	Field 33	90' B / MPR	**284**	
Noyes	Field 34	LL1	**229**	**Short Outfield**
	Field 35	LL2	**229**	**Short Outfield**
Ti-Sales	Field 36	MPR*	**120**	**Limited Access**
		Total	9,571	

B = Baseball/Softball; MPR = Multipurpose Rectangular; LL = Little League
Red > 250 Uses; Green < 250 Uses

In order to gather a better understanding of the uses per field, a more detailed breakdown by type use and field type was necessary. Table 2 below shows a breakout of the types of fields compared to the uses for that particular field type. It further breaks down the fields

into number of usable fields. For example if we look at the softball category you will see there are a total of six (6) softball fields throughout the Town. However, considering the softball field at the High School is unsafe for use and the lower softball fields at Feeley conflict and cannot be used simultaneously the Town has a total of four (4) usable softball fields at one given time. A total softball use demand of 1,180 uses per year results in 295 uses per field per year.

Table 2. Field Type vs. Useable Fields

Type of Field	Number of Fields	Usable Fields	Uses Per Type	Uses/Usable Fields
Softball	6	4	1,180	295
Baseball	5	5	1,356	271
Little League	10	4	1,145	286
MPR Natural*	11	9	3,172	353
MPR Synthetic	4	4	2,233	558

Based on current maintenance practices, we have assumed that each natural turf field is capable of experiencing between 200-250 team uses per year without unacceptable breakdown of the turf. That represents near daily use during a normal sports year, mid-April through mid-November.

As a result of our breakdown, it is clear that all of the fields, excluding the synthetic turf fields, are still being overused. This is due to a combination of increasingly high user demands, diversity of sports, improved gender equality and a lack of well-constructed, quality fields throughout the Town. For more detail, refer to the field user demand matrix provided in Enclosure 3.

Section 6.0 - Field Demand Impact – Equivalent Team Uses

While the number of scheduled team 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 play is more deleterious to turf condition than Little League T-ball, as larger, more competitive athletes cause higher stress loads on the playing surface. Also, different sports cause damage to turf in different areas. For example, football causes turf to wear between the hash marks, while soccer and lacrosse causes wear at the goals, at center field and along the sidelines. 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 field use data.

We have somewhat arbitrarily assigned an impact factor of 1.0 to youth soccer as the average activity in terms of field impact and deterioration. We assume that adult football is twice as damaging to the turf and assign it a 2.0 impact factor accordingly. Similarly, Little League baseball has less impact on turf condition and is assigned an impact factor of .75. Other impact factors for various sports were assigned accordingly and multiplied by

the number of scheduled uses for each type activity to yield the equivalent team uses in terms of turf damage and impact.

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 made of 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 to obviously be higher than actual scheduled uses while those for fields which are routinely used primarily for Little League baseball tend to be less.

The resulting field demand data indicates that several of the Sudbury fields are experiencing the equivalent of over 600 scheduled team uses as is the case at Curtis Middle School (see Enclosure 3).

Section 7.0 - Field Use Practices - Rest and Inclement Use

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). 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 root zone damage it has sustained and to propagate new crown growth. Alternatively, this rest period can be in the summertime. However, this is less effective, as the turf grass is somewhat dormant in the summer.

It should be noted that it only takes playing once on a field with a saturated root zone to destroy the turf root zone for that season. An effort must be made not to play games or practice on fields that are excessively wet. The publication and consistent enforcement of a restrictive inclement weather policy by field managers is the singular best management practice available. Refer to Enclosure 7 for an example inclement weather policy.

Section 8.0 - Field Demand Conclusions

Overall the lack of well-constructed, quality fields places a larger user demand on the remaining fields throughout the Town. Thus, a number of those remaining fields have been excessively used. In addition, virtually none of the fields have a spring or fall rest period during the active turf growth periods. As a result, there are numerous fields that have chronically poor turf condition despite the expenditure of maintenance resources.

An aggressively maintained and irrigated natural turf field that is rested for up to one-third of the spring or fall growing season can, theoretically, sustain up to 250 team uses per year and maintain high quality and safe athletic turf. Gale's preliminary findings are that, given optimal maintenance efforts and growing conditions, the demands on the Sudbury

playing fields currently in use generally exceed the level at which is it possible to sustain safe, high-quality athletic facilities.

Based on our initial findings, it is apparent that many of the Town's existing fields remain in fair to poor condition due to overuse. In addition, the Town is lacking sufficient athletic field space to accommodate the existing amount of youth and adult sports programs that are active in the Town.

Table 3 below shows the required amount of fields to sustain the user demands throughout the town. This is based on approximately 200-250 annual uses for each natural turf field.

Table 3. Required Fields

Type of Field	Current Usable Fields	Required Fields	Uses/Req. fields	Field Increase
Softball (60')	4	6	206	+2
Baseball (90')	5	6	226	+1
Little League (60')	4	5	229	+1
MPR Natural	9	13	244	+4
MPR Synthetic	4	4	558	0

Based on an analysis of need-by–type, we have concluded that two (2) softball, one (1) 90' baseball, one (1) Little League, and four (4) natural turf, multi-purpose rectangular fields are required to sustain the current user demands. Described below are three (3) redevelopment/redistribution of use strategies which will show how the Town of Sudbury can accomplish this field requirement.

Section 9.0 - Redevelopment Potential and Preliminary Strategy

Given the field shortfall defined above, Gale also evaluated each field complex for its potential for redevelopment, reorganization or expansion. Gale looked at all of the sites as potential areas for redevelopment or expansion. The most feasible sites for redevelopment are the LSRHS softball field, Haskell, Davis Fields, Feeley Fields, and Featherland Park. Redevelopment may consist of the construction of new fields, re-orientation and/or re-organization of existing fields, complete field renovation of existing fields, strategic placement of synthetic fields, new athletic lighting and increased parking. These various strategies at the candidate sites are discussed in detail below.

In addition to the redevelopment or expansion of current recreation space, Gale also assessed the development potential of other undeveloped parcels within the Town, such as the Melone Property which is currently owned by the Town.

Section 10.0 - Master Plan Layouts

Based on the planning program of needs defined above and our assessment of development potential of each existing and proposed recreation parcel, we prepared schematic level plans for the redevelopment of each. We have prepared three (3) redevelopment strategies which show how the required field enhancements can be achieved. Each option is discussed below detailing layout, cost and permitting assumptions. The schematic layouts are provided as Enclosure 5.

10.1 Redevelopment Option 1

High School Softball Field

General. A complete renovation of the High School Softball facility is proposed and will result in safer playing conditions, a field more consistent with other LSRHS fields, as well as a field that better meets the needs of the LSRHS softball program. Prior to any other athletic redevelopment within the Town of Sudbury, the High School Softball Field should be addressed. The proposed softball field layout is included at Enclosure 6.

Master Plan Strategy. The most outstanding safety concern/shortfall of the softball facility consists of the prevailing grades throughout the outfield. The solution is generally to reconstruct the field. This would include removal of the topsoil and re-grading the sub-grade in order to achieve the recommended planarity.

Given that the softball field root zone will be completely removed due to the re-grading that must take place, Gale recommends reconstructing the entire field with a stone base, flat panel drain system and an amended root zone for proper root growth. A new infield mix consisting of 60% sand, 20% silt, and 20% clay is proposed. This mixture allows for proper drainage, which prevents over compaction and works well in a New England environment.

The reconstruction of the field with a new, engineered root zone should include the installation of full irrigation. The water supply should be from the existing well located to the south of the existing two (2) synthetic turf fields. The approximate length of the run to tie into the existing well is 1,600' and this routing will likely require design and wetlands permitting.

The proposed retaining wall along the southern foul line will not only provide a solution for the prevailing grades, but will also bring ADA access to the field and spectator seating. As shown on the Proposed Layout Plan, an accessible route is proposed from the existing handicap parking, located to the south of the field, to the visitor's dugout. This also brings ADA access to the proposed bleacher system.

The current field is not lit and play is limited. The provision of athletic lighting extends the hours of play, effectively doubling the capacity of the field and allowing

freshmen, JV, and varsity teams to use the same field. The athletic lighting proposed consists of a four (4) pole system, incorporating MUSCO Light Structure Green.

Permitting Requirements. The improvements, as proposed above for the LSRHS softball field, will likely involve minor permitting due to the routing of the new irrigation line. This line will most likely be within the 100' buffer of existing wetlands and require the filing of a permit application with the local conservation commission.

Pre-Design Cost Estimates. The costs associated with this project will include reconstruction of the existing softball field, as well as various site amenities including fencing, walkways and spectator seating. The following is a bulleted list of approximate costs:

Reconstructed Softball Field

•	Field Reconstruction	$ 250,000
•	Spectator Seating	$ 25,000
•	Site Amenities (Scoreboard, Bullpens, Dugouts)	$ 100,000
•	Athletic Lighting	$ 180,000
	TOTAL:	$ 555,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Recommendations. Currently, the High School Softball Field is unsafe for use and the high school teams are traveling to other facilities for practices and games. This field needs to be reconstructed prior to any other redevelopment within the community. For a more detailed master plan of the softball field, please refer to our report to the Friends of Lincoln Sudbury Softball dated June 15, 2012, included as Enclosure 8.

Melone Property

General. The Melone property is a sandpit currently owned by the Town of Sudbury. It is an approximately forty-six (46) acre parcel with great potential for various types of development. This Master Plan will only focus on the property's recreation development potential. The proposed layout is included at Enclosure 6.

Master Plan Strategy. The development of the Melone property is the key to the success in Redevelopment Option 1. The Melone property is a large open area which can accommodate numerous recreation layouts. The layout we have proposed shows how the town can best meet the required inventory of fields.

The proposed layout shows two (2) 90' baseball diamonds and two (2) softball fields all back-to-back. This allows the development of an amenities building in-between the four (4) diamonds, which can be utilized as a pressbox for all four (4) fields. Each diamond will have athletic lighting and spectator seating. Space in not an issue and allows each baseball field to have a foul pole distance of 325'. The softball fields are different in size. One is a standard high school field with 220' to the outfield fence and the other is an adult field with 300' to the outfield fence.

Along with the four (4) diamonds, a proposed lighted synthetic turf multipurpose rectangular field will be constructed to the west of the parcel. This will help contain the large amount of MPR uses throughout the town.

The complex will include a 158 space parking lot, which will provide accessible routes to all the proposed fields. Along with the organized sports development, the site will offer passive recreation opportunities including walking trails and basketball courts.

Our proposed layout leaves approximately eight (8) acres along North Road open for other development, which, depending on the type of development, could help compensate for the construction cost of the recreation complex.

Permitting Requirements. Depending on the final layout and detailed wetlands delineation, a portion of the site may be within a 100' jurisdictional wetland buffer. This would require a filing with the local conservation commission and MA DEP. The site is also located in a DEP designated zone II area which will require protections for groundwater supplies. Additionally, a site plan review/building permit may be triggered for the proposed concessions building, athletic lighting, and spectator seating.

Cost Estimates. The costs associated with this project will include the construction of two (2) baseball fields, two (2) softball fields, a MPR synthetic turf field, as well as various site amenities including fencing, walkways and spectator seating. The following is a bulleted list of approximate costs:

Melone Development

• Two (2) - 90 Baseball Fields	$ 700,000
• Two (2) - Softball Fields	$ 500,000
• MPR Synthetic Turf Field	$ 750,000
• Site amenities building	$ 300,000
• Site Amenities (scoreboard, Bullpens, Dugouts)	$ 150,000
• Spectator Seating	$ 200,000
• Athletic Lighting (all fields)	$1,100,000
• Site Parking and walkways	$ 200,000
TOTAL:	$3,900,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Recommendations. The Melone property offers a number of development potentials with recreation being the most useful for the Town given the current demand for athletic fields. The construction of this parcel alone will help solve ninety percent of the required fields needed to accommodate the various uses.

Featherland Park

General. Featherland Park consists of four (4) Little League fields and one (1) softball field. It is located less then a mile from Lincoln Sudbury Regional High School. Due to its location and the current condition of the varsity softball field, the High School teams utilize the Featherland softball field for practices and games. It should be noted that any redevelopment to the softball field at Featherland must be done only after the reconstruction of the High School Softball Field.

Master Plan Strategy. Assuming the High School Softball Field is reconstructed, the softball field at Featherland can be relocated to the Melone Property, as described above, to allow Featherland to become a complete Little League complex. A 70' Little League diamond is proposed to replace the softball field. This field redevelopment will include new dugouts, spectator seating and updated athletic lighting. Additionally, the field will become ADA accessible with the construction of walkways that lead from the existing parking lot to the proposed spectator seating and dugouts. The proposed layout is included at Enclosure 6.

Permitting Requirements. The improvements, as proposed above, will likely involve permitting. A site plan review/building permit may be triggered for the proposed athletic lighting and spectator seating.

Cost Estimates. The costs associated with this project will include the construction of a 70' Little League field as well as various site amenities including fencing, walkways and spectator seating. The following is a bulleted list of approximate costs:

Featherland 70' Little League Field

• 70' Little League Field	$ 150,000
• Site Amenities (Scoreboard, Bullpens, Dugouts)	$ 50,000
• Spectator Seating	$ 25,000
• Athletic Lighting (all fields)	$ 200,000
TOTAL:	$ 455,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Recommendations. The redevelopment of Featherland will help separate high school/adult softball players with the Little League athletes. However, as sated previously, this redevelopment as proposed shall only be done once the High School Softball Field is completed. This redevelopment will gain the Town of Sudbury the additional Little League field it is lacking.

Haskell Complex

General. Haskell is currently a youth soccer and lacrosse facility which supports approximately thirteen to fifteen (13-15) youth fields. Currently, the youth lacrosse and soccer fields surround a 90' baseball diamond. The complex has adequate parking, a playground area, and restrooms.

Master Plan Strategy. Due to the development of a 90' baseball field at Davis and a synthetic turf baseball field at Feeley, the 90' diamond at Haskell can be reconstructed as a full size MPR field. The existing skinned infield will be removed and replaced with an amended root zone designed for athletic use. All of the existing baseball amenities (dugout, batting tunnel, etc.) will be removed and utilized at the proposed baseball facility at Davis. The proposed layout is included at Enclosure 6.

Permitting Requirements. The improvements, as proposed above will likely not involve permitting.

Cost Estimates. The costs associated with this project will include the construction of a MPR field. The following is a bulleted list of approximate costs:

Haskell MPR Field

• MPR Field		$ 150,000
• Demolition of Baseball Facility		$ 50,000
	TOTAL:	$ 200,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Recommendations. Turning the baseball field into a MPR field at Haskell will allow more space for youth field layouts and turn Haskell into a full MPR field complex.

10.2 Redevelopment Option 2

High School Softball Field

Same as Redevelopment Option 1.

Davis Fields

General. The Davis field complex is currently an open field without any formal field designation. The site has great potential for redevelopment to include a variety of fields.

Master Plan Strategy. Due to the current open space at Davis, the site could be reconfigured to include one (1) 90' baseball diamond, two (2) MPR natural turf fields, and one (1) softball field. An amenities/concessions building is proposed to the west of the baseball and MPR fields, and will service the entire site. All site improvements would include new drainage systems and provide ADA accessibility throughout the site. The proposed layout is included at Enclosure 6.

The existing gravel parking area will be paved and striped to accommodate approximately one hundred twenty-four (124) spaces. Assuming the fields are being used simultaneously, which is the worst case scenario, the parking lot would need to accommodate ninety-six (96) spaces. This would leave a twenty-eight (28) space buffer for additional parking needs.

The ninety-six (96) space number is derived from each field supporting two (2) teams with an average fifteen (15) members per team. With four (4) fields and assuming everyone drives separately this equals one hundred twenty (120) spaces. We have multiplied the one hundred twenty (120) spaces by a .8 multiplier to account for people who car pool and get dropped off. This equates to the ninety-six (96) space requirement for the four (4) fields.

Permitting Requirements. Depending on the final layout and detailed wetlands delineation, a portion of the site may be within a 100' jurisdictional wetland buffer. This would require a filing with the local conservation commission and MA DEP. Additionally, a site plan review/building permit may be triggered for the proposed concessions building.

Cost Estimates. The costs associated with this project will include the construction of a 90' baseball field, two (2) MPR fields, one (1) softball field, as well as various site amenities including fencing, walkways and amenities building. The following is a bulleted list of approximate costs:

Davis Fields

• 90' Baseball Field	$ 350,000
• Softball Field	$ 250,000
• 2 - MPR Natural Turf Field	$ 600,000
• Site amenities building	$ 300,000
• Site Amenities (Scoreboard, Bullpens, Dugouts)	$ 75,000
• Site Parking and Walkways	$ 150,000
TOTAL:	$1,725,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Recommendations. The Davis field redevelopment provides the Town of Sudbury with one (1) additional MPR field, a 90' baseball field and a softball field. The development of this site can allow other improvements at Haskell and Featherland to take place.

Frank Feeley Fields

General. The Feeley complex consists of three (3) softball fields (only two [2] of them can be used simultaneously due to the lower softballs fields conflicting) as well as a 90' baseball diamond. The 90' baseball diamond is located within the 500-year flood zone and is partial in the 100' jurisdictional wetland buffer. The field is unusable until late spring and after rain events due to drainage issues.

Master Plan Strategy. The proposed layout is included at Enclosure 6. Under Redevelopment Option 2, the two (2) lower softball fields at Feeley would be reconfigured so they can support games being played simultaneously. This reconfiguration would also include walkways which would provide ADA accessibility from the parking lot to the fields.

The 90' baseball diamond would be reconstructed as synthetic turf to include a stone base and underdrain system which would allow all-weather, year round play. With this reconstruction, the various baseball amenities would be refurbished to include new pressbox siding and updated athletic lighting. When not scheduled for baseball, the outfield can support a full MPR field for all rectangular sports.

The existing gravel parking area supporting the lower softball fields and the baseball field would be paved and striped to support approximately fifty-three (53) spaces. A restroom/concession building is proposed behind the existing baseball spectator seating, and ADA accessibility will be improved throughout the site.

Permitting Requirements. A detailed wetlands delineation will most likely show a portion of the site is within a 100' jurisdictional wetland buffer. This would require a filing with the local conservation commission and MA DEP. Additionally, a site plan review/building permit may be triggered for the proposed parking improvements, athletic lighting, and concessions building.

Cost Estimates. The costs associated with this project will include the construction of a 90' synthetic turf baseball field, the reconfiguration of two (2) softball fields, as well as various site amenities including amenities building, fencing, walkways and spectator seating. The following is a bulleted list of approximate costs:

Feeley Baseball

•	90' Synthetic Turf Baseball Field	$ 850,000
•	Reconfigured Softball Fields	$ 200,000
•	Athletic Lighting	$ 350,000
•	Site amenities building	$ 300,000
•	Site Amenities (Scoreboard, Bullpens, Dugouts)	$ 50,000
•	Site Parking	$ 65,000
	TOTAL:	$1,815,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Recommendations. The development of a synthetic turf baseball field would allow the field to be used year round and eliminate the current drainage issues. Also a lighted synthetic turf baseball field that is scheduled correctly would solve the current baseball user demands within the Town of Sudbury.

Featherland Park

Same as Redevelopment Option 1 however, understanding the High School softball teams currently utilize the Featherland softball field, the proposed softball field at Davis can be constructed as a Little League field. This would allow the softball field at Featherland to stay as is to accommodate the High School softball uses as well as accommodate the towns Little League demands at Davis.

A softball and Little League field can be interchanged relatively easy due to the similarities in geometry. The cost to develop a Little League field at Davis in lieu of softball would be comparable. In addition, the cost to leave softball at Featherland and make general site improvements would be less expensive than developing a Little League diamond. Deciding where to locate the fields becomes a programming decision which needs to be made within the town.

Haskell Complex

Same as Redevelopment Option 1.

10.3 Redevelopment Option 3

High School Softball Field

Same as Redevelopment Option 1.

Melone Property

Master Plan Strategy. The Melone Property layout and development for Redevelopment Option 3 would be the same as Option 1 however the MPR field will be natural turf not synthetic. The proposed layout is included at Enclosure 6.

Permitting Requirements. The permitting process will be the same as Redevelopment Option 1. Depending on the final layout and detailed wetlands delineation, a portion of the site may be within a 100' jurisdictional wetland buffer. This would require a filing with the local conservation commission and MA DEP. The site is also located in a DEP designated zone II area which will require protections for groundwater supplies. Additionally, a site plan review/building permit may be triggered for the proposed concessions building, athletic lighting, and spectator seating.

Cost Estimates. The costs associated with this project will include the construction of two (2) baseball fields, two (2) softball fields, a MPR natural turf field, as well as various site amenities including fencing, walkways and spectator seating. The following is a bulleted list of approximate costs:

Melone Development

• Two (2) - 90 Baseball Fields	$ 700,000
• Two (2) - Softball Fields	$ 500,000
• MPR Natural Turf Field	$ 350,000
• Site Amenities Building	$ 300,000
• Site Amenities (Scoreboard, Bullpens, Dugouts)	$ 150,000
• Spectator Seating	$ 200,000
• Athletic Lighting (all fields)	$1,100,000
• Site Parking and Walkways	$ 200,000
TOTAL:	$4,400,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Davis Fields

Master Plan Strategy. The Davis field layout for Redevelopment Option 3 is intended to help address the need for more MPR fields within the Town of Sudbury without involving synthetic turf. In Redevelopment Option 3, there are a total of three (3) MPR natural turf fields. These fields would be designed for athletic use with an amended root zone and an underdrain to solve the current drainage issues. The proposed layout is included at Enclosure 6.

Permitting Requirements. As in Redeployment Option 2, this proposed plan will most likely involve permitting. Depending on the final layout and detailed wetlands delineation a portion of the site may be within a 100' jurisdictional wetland buffer. This would require a filing with the local conservation commission and MA DEP. Additionally, a site plan review/building permit may be triggered for the proposed concessions building.

Cost Estimates. The costs associated with this project will include the construction of three (3) MPR fields, as well as various site amenities including fencing, walkways and amenities building. The following is a bulleted list of approximate costs:

Davis Fields

• Three (3) - MPR Natural Turf Field	$1,050,000
• Site Amenities Building	$ 300,000
• Site Amenities (Scoreboard, Fencing)	$ 50,000
• Site Parking and Walkways	$ 150,000
TOTAL:	$1,550,000

This estimate is an approximation and more detailed construction cost estimates shall be prepared with the detailed design of each facility.

Featherland Park

Same as Redevelopment Options 1 and 2.

Haskell Complex

Same as Redevelopment Options 1 and 2.

Section 11.0 - Master Plan Summary

The following table summarizes the Town's Outdoor Athletic Facility Redevelopment Master Plan elements described above:

Redevelopment Option 1:

Location	Strategy	Field Change	Cost
High School	Reconstructed Softball	+1 Softball	$555K
	New Community Field Lights	No Change	$350K
Featherland	New 80' Little League	+1LL -1 Softball	$425K
Haskell	New MPR Field	+1 MPR -1 90' B	$200K

Location	Strategy	Field Change	Cost
Melone Property	New 90' Baseball	+1 90' B	$3.90M
	New 90' Baseball	+1 90' B	
	New Softball	+1 Softball	
	New Softball	+1 Softball	
	New Synthetic Turf MPR	+1 Synthetic	

SUMMARY (Net Change):
+1 Synthetic Turf Field, +1 Multipurpose, +2 Softball, +1 Little League, +1 90' Baseball **$5,430,000**

The $5,430,000 is an estimate only and is based on costs of projects of a similar nature in other towns and does not include soft costs or design fees. Exact costs for this project will not be known until design and engineering studies have been completed.

Redevelopment Option 2:

Location	Strategy	Field Change	Cost
High School	Reconstructed Softball	+1 Softball	$55K
	New Community Field Lights	No Change	$350K
Featherland	New 80' Little League	+1 LL -1 Softball	$425K
Haskell	New MPR Field	+1 MPR -1 90'B	$200
Feely	New Reconfigured Softball	+1 Softball	$1.815M
	New Synthetic 90' Baseball	+ Synthetic	
Davis	New 90' Baseball	+1 90' B	$1.725M
	New MPR Field	+1 MPR	
	Reconstructed MPR Field	No Change	
	New Softball	+1 Softball	

SUMMARY (Net Change):

+1 Synthetic baseball / MPR, +3 Multipurpose, +2 Softball + 1 Little League **$5,070,000**

The $5,070,000 is an estimate only and is based on costs of projects of a similar nature in other towns. Exact costs for this project will not be known until design and engineering studies have been completed.

Redevelopment Option 3:

Location	**Strategy**	**Field Change**	**Cost**
High School	Reconstructed Softball	+1 Softball	$555K
	New Community Field Lights	No Change	$350K
Featherland	New 80' Little League	+1 LL -1 Softball	$425K
Haskell	New MPR Field	+1 MPR -1 90' B	$200K
Melone Property	New 90' Baseball New 90" Baseball New Softball New Softball New MPR Field	+1 90' B +1 90' B +1 Softball + 1 Softball + 1 MPR	$3.50M
Davis	New MPR field New MPR Field Reconstructed MPR Field	+1 MPR +1 MPR No Change	$1.55M

SUMMARY (Net Change):

+4 Multipurpose, + 2 Softballs, +1 Little League + 1 90' Baseball Fields **$6,580,000**

The $6,580,000 is an estimate only and is based on costs of projects of a similar nature in other towns. Exact costs for this project will not be known until design and engineering studies have been completed.

All three (3) redevelopment strategies accomplish a redevelopment program that provides a solution to the existing deficit of fields in the Town of Sudbury. The primary difference between the three (3) strategies is the use of synthetic turf to accommodate the Town's demands and the development of the Melone Property. Under Redevelopment Option 1, the Melone property is developed and utilizes synthetic turf. Under Redevelopment Option 2, the plan utilizes the existing Town-owned recreation parcels, as well as the use synthetic turf. Finally, under Redevelopment Option 3, the plan does not include the use of synthetic turf however involves developing the Melone property and reconfiguring existing parcels.

Gale recommends implementation of Redevelopment Option 1 due to the fact that the majority of the deficit of fields can be remedied with the development of one (1) parcel. The Melone property offers a unique opportunity for the Town to develop the parcel in phases to allow for financial planning and does not require a complete build-out of the parcel all at once. Another advantage of Redevelopment Option 1 is that it will not create a large impact on the exiting recreational spaces in the Town while under construction, but once completed will help to improve the condition of other parcels.

Section 12.0 - Field Demand/Impacts and Rest Following Master Plan Implementation

The main objective of the Master Plan is to reconstruct existing fields or to develop sufficient new fields to better meet the demands placed on them by the Town's existing athletic programs. The Master Plan's goal is to provide sufficient fields, by type, such that the demand on any individual field does not exceed 250 scheduled team uses per year. As previously noted, 250 team uses is the maximum number that a properly irrigated and maintained field, with a 30-45 day rest period during the active growth season, can sustain and still maintain good quality athletic turf.

Existing User Demand. As reflected in the existing condition demand matrix, there are many fields that greatly exceed the 250-use criteria. Additionally, the majority of these overused fields have no growth season rest period. This type of demand, throughout the Town, results in an abundance of chronically poor fields, which provide unsafe playing surfaces and may become liabilities for the Town of Sudbury.

Master Plan Influence on Demand for Fields. Once the final number and type of fields was established, the next task was to reallocate users to the expanded population of fields. The goal was to minimize the number of total uses per field to between 200 and 250. While our redistribution is subject to Town scheduling, it gives a sense of resultant improvement on field demand.

The implementation of the Master Plan will result in the fields seeing a reduction in uses and allowing enough rest between seasons for re-growth and maintenance of the turf. The tables below show how, for each strategy, the uses for the existing and proposed fields are within the respected margin for type of surface.

Table 4. Master Plan Redevelopment Option 1 – Redistribution of Demand

FIELD USE ANNUAL SUMMARY - ACTUAL USES v PROPOSED						
Field Location	**Field**	**Field Type**	**Total Annual Uses**	**Proposed Uses**	**Proposed Field Designation**	**Comments**
Crime Lab Field	Field 1	LL*	**60**	**0**	**Removed**	**Geometry Issues**
Cutting Field	Field 2	MPR (synthetic)	**565**	**565**	**Same**	
Davis Field	Field 3	MPR	**296**	**225**	**Same**	
Curtis Middle School	Field 4	90' B/MPR	**605**	**236**	**Same**	
	Field 5	Softball / MPR	**597**	**214**	**Same**	
Featherland	Field 6	LL Upper	**250**	**229**	**Same**	
	Field 7	LL 1*	**175**	**0**	**Removed**	**Geometry Issues**
	Field 8	LL 2	**200**	**229**	**Same**	
	Field 9	LL 3	**250**	**229**	**Same**	
	Field 10	Softball	**374**	**229**	**New 80' Little League Field**	
Feeley	Field 11	Softball Upper	**202**	**206**	**Same**	
	Field 12	Softball 1	**143**	**206**	**Same**	**Conflicts with Softball 2**
	Field 13	Softball 2	**133**	**0**	**Removed**	**Conflicts with Softball 1**
	Field 14	90' B	**284**	**227**	**Same**	
Nixon	Field 15	LL	**168**	**108**	**Recess Only**	**Very Poor Condition**
Haskell	Field 16	90' Baseball	**225**	**0**	**Removed**	
	Field 17-23	MPR (7 full-size)	**1557**	**1857**	**New MPR Field**	
Haynes	Field 24	LL/MPR	**108**	**108**	**Recess Only**	
Loring	Field 25	LL*	**258**	**54**	**Recess Only**	**Geometry Issues**
	Field 26	Youth MPR* (90'x140')	**0**	**54**	**Recess Only**	**Very Poor Condition**
LSRHS	Field 27	Turf 1 (MPR)	**603**	**603**	**New Lights**	
	Field 28	Turf 2 (MPR)	**490**	**490**	**Same**	
	Field 29	Community Turf (MPR)	**575**	**600**	**Same**	
	Field 30	MPR	**113**	**225**	**Same**	
	Field 31	Softball*	**169**	**206**	**Reconstructed**	**Very Poor Condition**
	Field 32	90' B/ MPR	**309**	**250**	**Same**	
	Field 33	90' B / MPR	**284**	**250**	**Same**	
Noyes	Field 34	LL	**229**	**229**	**New Outfield Fencing**	**Short Outfield**
	Field 35	LL	**229**	**108**	**Recess Only**	**Short Outfield**
Ti-Sales	Field 36	MPR*	**120**	**120**	**Same**	**Limited Access**
Melone	Field 37	MPR*		**650**	**New MPR**	
	Field 38	90' B		**226**	**New 90' Baseball**	
	Field 39	90' B		**226**	**New 90' Baseball**	
	Field 40	Softball		**206**	**New Softball**	
	Field 41	Softball		**206**	**New Softball**	
		Total	9571	9571		

B = Baseball/Softball; MPR = Multipurpose Rectangular; LL = Little League Field
Red > 250 Uses; Green > 250 Uses

Table 5. Master Plan Redevelopment Option 2 – Redistribution of Demand

FIELD USE ANNUAL SUMMARY - ACTUAL USES v PROPOSED						
Field Location	**Field**	**Field Type**	**Total Annual Uses**	**Proposed Uses**	**Proposed Field Designation**	**Comments**
Crime Lab Field	Field 1	LL*	**60**	**0**	**Removed**	**Geometry Issues**
Cutting Field	Field 2	MPR (synthetic)	**565**	**565**	**Same**	
Davis Field	Field 3	MPR	**296**	**250**	**Reconstructed MPR**	
	Field 37	MPR		**250**	**New MPR**	
	Field 38	90' B		**225**	**New 90' baseball**	
	Field 39	Softball		**208**	**New Softball**	
Curtis Middle School	Field 4	90' B/MPR	**605**	**250**	**Same**	
	Field 5	Softball/MPR	**597**	**250**	**Same**	
Featherland	Field 6	LL Upper	**250**	**229**	**Same**	
	Field 7	LL 1*	**175**	**0**	**Removed**	**Geometry Issues**
	Field 8	LL 2	**200**	**229**	**Same**	
	Field 9	LL 3	**250**	**229**	**Same**	
	Field 10	Softball	**374**	**229**	**New 80' Little League Field**	
Feeley	Field 11	Softball Upper	**202**	**208**	**Same**	
	Field 12	Softball 1	**143**	**208**	**Reconfigured**	**Conflicts with Softball 2**
	Field 13	Softball 2	**133**	**208**	**Reconfigured**	**Conflicts with Softball 1**
	Field 14	90' B	**284**	**600**	**New synthetic turf baseball**	
Nixon	Field 15	LL	**168**	**108**	**Recess Only**	**Very Poor Condition**
Haskell	Field 16	90' Baseball	**225**	**0**	**Relocated**	
	Field 17-23	MPR (7 full-size)	**1557**	**1996**	**New MPR Field**	
Haynes	Field 24	LL/MPR	**108**	**108**	**Removed**	
Loring	Field 25	LL*	**258**	**54**	**Recess Only**	**Geometry Issues**
	Field 26	Youth MPR* (90'x140')	**0**	**54**	**Recess Only**	**Very Poor Condition**
LSRHS	Field 27	Turf 1 (MPR)	**603**	**603**	**Same**	
	Field 28	Turf 2 (MPR)	**490**	**490**	**Same**	
	Field 29	Community Turf (MPR)	**575**	**607**	**New lights**	
	Field 30	MPR	**113**	**250**	**Same**	
	Field 31	Softball*	**169**	**206**	**Reconstructed**	**Very Poor Condition**
	Field 32	90' B/ MPR	**309**	**250**	**Same**	
	Field 33	90' B / MPR	**284**	**250**	**Same**	
Noyes	Field 34	LL	**229**	**229**	**New Outfield Fencing**	**Short Outfield**
	Field 35	LL	**229**	**108**	**Recess Only**	**Short Outfield**
Ti-Sales	Field 36	MPR*	**120**	**120**	**Same**	**Limited Access**
		Total	9571	9571		

B = Baseball/Softball; MPR = Multipurpose Rectangular; LL = Little League Field
Red > 250 Uses; Green < 250 Uses

Table 6. Master Plan Redevelopment Option 3 – Redistribution of Demand

FIELD USE ANNUAL SUMMARY - ACTUAL USES v PROPOSED						
Field Location	**Field**	**Field Type**	**Total Annual Uses**	**Proposed Uses**	**Proposed Field Designation**	**Comments**
Crime Lab Field	Field 1	LL*	**60**	**0**	**Removed**	**Geometry Issues**
Cutting Field	Field 2	MPR (synthetic)	**565**	**565**	**Same**	
Davis Field	Field 3	MPR	**296**	**230**	**Reconstructed MPR**	
	Field 42	MPR		**230**	**New MPR**	
	Field 43	MPR		**226**	**New MPR**	
Curtis Middle School	Field 4	90' B/ MPR	**605**	**225**	**Same**	
	Field 5	Softball/ MPR	**597**	**225**	**Same**	
Featherland	Field 6	LL Upper	**250**	**229**	**Same**	
	Field 7	LL 1*	**175**	**0**	**Removed**	**Geometry Issues**
	Field 8	LL 2	**200**	**229**	**Same**	
	Field 9	LL 3	**250**	**229**	**Same**	
	Field 10	Softball	**374**	**229**	**New 70' LL**	
Feeley	Field 11	Softball Upper	**202**	**208**	**Same**	
	Field 12	Softball 1	**143**	**208**	**Same**	**Conflicts with Softball 2**
	Field 13	Softball 2	**133**	**0**	**Removed**	**Conflicts with Softball 1**
	Field 14	90' B	**284**	**226**	**Same**	
Nixon	Field 15	LL	**168**	**108**	**Recess Only**	**Very Poor Condition**
Haskell	Field 16	90' Baseball	**225**	**0**	**Relocated**	
	Field 17-23	MPR (7 full-size)	**1557**	**1860**	**New MPR Field**	
Haynes	Field 24	LL/MPR	**108**	**108**	**Recess Only**	
Loring	Field 25	LL*	**258**	**54**	**Recess Only**	**Geometry Issues**
	Field 26	Youth MPR* (90'x140')	**0**	**54**	**Recess Only**	**Very Poor Condition**
LSRHS	Field 27	Turf 1 (MPR)	**603**	**603**	**Same**	
	Field 28	Turf 2 (MPR)	**490**	**490**	**Same**	
	Field 29	Community Turf (MPR)	**575**	**597**	**New Lights**	
	Field 30	MPR	**113**	**230**	**Same**	
	Field 31	Softball*	**169**	**208**	**Reconstructed**	**Very Poor Condition**
	Field 32	90' B/ MPR	**309**	**226**	**Same**	
	Field 33	90' B/ MPR	**284**	**226**	**Same**	
Noyes	Field 34	LL	**229**	**229**	**New outfield fencing**	**Short Outfield**
	Field 35	LL	**229**	**108**	**Recess Only**	**Short Outfield**
Ti-Sales	Field 36	MPR*	**120**	**120**	**Same**	**Limited Access**
Melone	Field 37	MPR*		**225**	**New MPR Field**	
	Field 38	90' B		**226**	**New 90' baseball**	
	Field 39	90' B		**226**	**New 90' baseball**	
	Field 40	Softball		**207**	**New Softball**	
	Field 41	Softball		**207**	**New Softball**	
		Total	9571	9571		

Red > 250 Uses; Green < 250 Uses

Section 13.0 - Master Plan Implementation – Phasing Plan

It is apparent that the implementation of the entire Master Plan is not feasible in a single project. This is due to the Town's fiscal constraints and the impacts on users, who must have field space during the redevelopment process. The Master Plan is, therefore, broken into discrete projects, based on reasonable annual budget expenditures, priority of need and minimization of user impacts. In general, the principles behind the formulation of the Master Plan Phasing are to:

- Accomplish the projects which result in the biggest impact first, to set the conditions for the project.
- Accomplish the remaining Master Plan elements in order of relative importance, based on projected use.
- Attempt to accomplish all elements of the Master Plan within five (or more) years, including the current year.
- Attempt to balance the Town's expenditure on field renovation throughout the Master Plan implementation period.
- Schedule Master Plan elements which only provide for the renovation of an existing field in place, with no change in layout or use, late in the Phasing Plan.

13.1 Redevelopment Option 1

Phase 1, Fiscal Year 2014

Phase 1 should include the reconstruction of the existing softball field at the High School. This project needs to be a priority due to the current safety issues with the softball field. This project can be accomplished during the softball off-season, May through August, and will provide minimal impact to the user groups.

Concurrently, the community field athletic lights can be upgraded under the same construction contract as the softball field.

The provisions of newly constructed softball field that will be ready for use in 2013 will help to set the stage for subsequent Phases of the Master Plan so that they can be accomplished without major disruption to the user programs.

Phase 2, Fiscal Year 2015

Phase 2 will include the development of the Melone Property. This will include the construction of two (2) 90' baseball fields, two (2) softball fields, and one (1) synthetic turf field. This project will provide the Town with the ability to make use of this variety of fields, prior to bringing any other field's offline.

Fiscal Year 2016

Fiscal Year 2016 mainly consists of the new fields at the Melone property being allowed to have a proper grow in period (typically two growing season fall and spring).

Phase 3, Fiscal Year 2017

With the implementation of the previous phases and with Melone online, the Town can begin to reconstruct the remainder of the Redevelopment Option 1 with turning the 90' diamond at Haskell to a MPR field. Additionally, the softball field at Featherland can be transformed into the proposed Little League field.

Table 7. Phasing Plan Summary

Location	FY 2014	FY 2015	FY 2016	FY 2017
Phase 1				
High School Softball	$555,000			
Community Field Lights	$350,000			
Phase II				
Melone Property		$3,900,000	Grow In	
Phase III				
Featherland Little League				$425,000
Haskell MPR				$200,000
Total	$905,000	$3,900,000		$625,000

Total Cost: $5,430,000

13.2 Redevelopment Option 2

Phase 1, Fiscal Year 2014

As in Redevelopment Option 1, Phase 1 should include the reconstruction of the existing softball field at the High School. This project needs to be a priority due to the current safety issues with the softball field. This project can be accomplished during the softball off-season, May through August, and will provide minimal impact to the user groups.

Concurrently, the community field athletic lights can be upgraded under the same construction contract as the softball field.

The provisions of newly constructed softball field that will be ready for use in 2013 will help to set the stage for subsequent Phases of the Master Plan so that they can be accomplished without major disruption to the user programs.

Phase 2, Fiscal Year 2015

Phase 2 will include the construction of the new synthetic turf baseball field at the Feeley Baseball Field along with the reconfiguration of the lower softball fields. This construction also includes the reconstruction of the adjacent parking lot and the addition of an amenities building.

Phase 3, Fiscal Year 2016

With the implementation of Phases 1 and 2, the Town can begin to reconstruct the fields at Davis Fields. This includes the construction of two (2) multipurpose fields, one (1) baseball field, and one (1) softball field. Also included in Phase 3 is the reconstruction of the parking area and the construction of an amenities building.

Fiscal Year 2016

Fiscal Year 2016 mainly consists of the new fields at Davis being allowed to have a proper grow in period (typically two growing season fall and spring).

Phase 4, Fiscal Year 2018

With the new fields at Feeley and Davis completed, Phase 4 should include turning the 90' diamond at Haskell to a MPR field. Additionally, the softball field at Featherland can be transformed into the proposed Little League field.

Table 8. Phasing Plan Summary

Location	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Phase 1					
High School softball	$555,000				
Community field lights	$350,000				
Phase II					
Feeley Fields		$1,815,000			
Phase III					
Davis Fields			$1,725,000	Grow In	
Phase IV					

Location	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Featherland Little League					$425,000
Haskell MPR					$200,000
Total	$905,000	$1,815,000	$1,725,000		$625,000

Total Cost: $5,070,000

13.3 Redevelopment Option 3

Phase 1, Fiscal Year 2014

As in Redevelopment Option 1 and 2, Phase 1 should include the reconstruction of the existing softball field at the High School. This project needs to be a priority due to the current safety issues with the softball field. This project can be accomplished during the softball off-season, May through August, and will provide minimal impact to the user groups.

Concurrently, the community field athletic lights can be upgraded under the same construction contract as the softball field.

The provisions of newly constructed softball field that will be ready for use in 2013 will help to set the stage for subsequent Phases of the Master Plan so that they can be accomplished without major disruption to the user programs.

Phase 2, Fiscal Year 2015

Phase 2 will include the development of the Melone Property. This will include the construction of two (2) 90' Baseball Fields, two (2) softball fields, and one (1) natural turf field. This project will provide the Town with the ability to make use of this variety of fields, prior to bringing any other field's offline.

Fiscal Year 2016

Fiscal Year 2016 mainly consists of the new fields at the Melone property being allowed to have a proper grow in period (typically two growing season fall and spring).

Phase 3, Fiscal Year 2017

With the implementation of Phases 1 and 2, the Town can begin to reconstruct the fields at Davis Fields. This includes the construction of three (3) multipurpose fields. Also included in Phase 3 is the reconstruction of the parking area and the construction of an amenities building.

Additionally with the Melone diamonds all grown in the softball field at Featherland can be transformed into the proposed Little League field.

Fiscal Year 2018

Fiscal Year 2016 mainly consists of the new fields at Davis being allowed to have a proper grow in period (typically two growing season fall and spring).

Phase 4, Fiscal Year 2019

With the new fields at Melone and Davis completed Phase 4 should include turning the 90' diamond at Haskell to a MPR field.

Table 9. Phasing Plan Summary

Location	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Phase 1						
High School softball	$555,000					
Community field lights	$350,000					
Phase II						
Melone Property		$3,500,000	Grow In			
Phase III						
Davis Fields				$1,550,000	Grow In	
Phase IV						
Featherland Little League				$425,000		
Haskell MPR						$200,000
Total	$905,000	$3,500,000		$1,975,000		$200,000

Total Cost: $6,580,000

Section 14.0 - Funding for Synthetic Turf Replacement

A unique aspect within the Town of Sudbury is the quantity of four (4) synthetic turf fields within the community. The oldest is Cutting Field which was installed in 2004, with Turf 1 and 2 at the High School being second oldest installed in 2005. These fields utilized a slit film synthetic turf product which was warranted for eight (8) years and has proven to last

approximately ten (10) years. After year ten (10) the fibers will have breakdown due to UV exposure overtime significant fiber loss throughout the field will be noticed.

This being the case, the Cutting carpet will have to be replaced in 2014 and the Turf 1 and 2 at the high school in 2015. This project is very different than the original construction as the entire infrastructure and base work is already in place. Replacing the carpet involves removing the sand and rubber infill, striping the carpet and then putting back the new turf. This project typically cost $375,000-$400,000 per field.

One of the ways communities are preparing to pay for this replacement is to charge a $5-15 fee per person in each of the various user groups. This fee depends on the number of participants within the Town and high school athletic programs. Through the master plan process, we have estimated approximately 6,050 user group participants between the high school and recreation department programs. This equates to a $6.60 fee per participant over a ten (10) year time span to amount to $400,000.

Understanding that there is approximately one (1) to two (2) years before the first field needs to be replaced, we have described different funding options below. These funding strategies are also to help provide guidance for the redevelopment or new development of athletic fields not just synthetic turf replacements.

Section 15.0 - Municipal Funding and Non-Traditional Funding Sources

As municipal budgets and services have declined, communities have found unconventional means of sustaining programs, as well as maintaining and even expanding facilities. These include:

User Fees, Sport Organizations and Booster Clubs. Pay-as-you-go, fee-based programs have been the norm for nearly a decade. Semi-autonomous youth sport programs now fund or perform much of the routine facility maintenance and contribute to the enhancement or development of new facilities. Booster clubs and youth sport organizations, under an agreement with the Town, now commonly develop facilities on public land under a private procurement (outside public bid laws) and gift the resultant facility back to the Town.

Public Private Partnerships. Public private partnerships have also become commonplace as a means to get things done in a climate of reduced municipal funding. In many instances, commercial recreation developments have taken place on public land, with expedited permitting by "for profit" companies, in return for granting favorable fee and/or scheduling rights to the Town under the terms of a contractual agreement. These developments require a public RFP solicitation of potential developers and typically involve a "design, build, operate and maintain" lease of 50-years or more.

Public private partnerships can also include non-profit private partners, such as small colleges, YMCA's or Boys and Girls Clubs. Salve Regina College, of Newport, RI, is landlocked, but has growing athletic programs, while Middletown, RI's Middle School has

large land holdings, but poor facilities and lacks funding. In a public private partnership, Salve Regina developed state-of-the-art facilities on public land and has entered into a use agreement with the school district.

Advertising and Naming Rights. Although traditionally frowned upon by most communities, it has become more acceptable in the current economic climate to consider corporate advertising and the issuing of facility naming rights. We are aware of significant municipal projects with major corporate donors, such as Roche Brothers, Boch Toyota and Citizens Bank. The resultant facilities often bear the name of the major donor, e.g. Citizens Bank Field. This often requires a change in Town policy or regulation.

When a significant donation is provided, it often makes sense to have the donor pay directly for some well-defined, stand-alone aspect of the project, such as the athletic lighting. In this way it can be procured as a private solicitation, precluding the requirement to pay the contractor prevailing public wage rates and allowing for the procurement of a specific proprietary product (e.g. MUSCO Lights).

Developer Impact Mitigation. Development or funding of recreation facilities can also be mandated of private developers by Town permitting boards (Zoning or Planning). The rationale for these "off site impact mitigation" conditions is that the developer, by increasing the housing stock in the community, is increasing the demands made of already severely constrained municipal recreation facilities. Communities have found this as an effective means of increasing the recreation facilities consistent with the growth of the community. In part, it was how Cutting Field was constructed.

We recommend that the Town of Sudbury Recreation Department meet with the Town permitting boards and request consideration of recreation related permitting conditions for future development.

Local Fund Raising. Community fund raising can have a large impact on athletic field project funding. The sale of donor recognition unit pavers or centrally located stadium seating can result in substantial funds. The recent renovation of high school athletic facilities in Cohasset, MA was funded, in large part, from community fund raising with brick paver donor recognition.

In Kind Services. Community fund raising groups should identify those contractors within their community that provide goods and services inherent in a field development project. Contractors or suppliers who specialize in landscape construction, site development, tree clearing, asphalt paving, aggregates, loam, or site furnishings can often be called upon to donate goods or services to community projects. Gale designed and permitted municipal athletic complexes in Kingston, MA and Wrentham, MA built largely with "in-kind" labor and materials. Such projects usually progress slowly and are a challenge to manage. However, the final results often justify the process.

Public and Private Grants. There are many grant opportunities available for the development of primarily new or expanded athletic facilities. US Soccer is perhaps the best

example of an organization looking to foster the growth of its sport and willing to invest in new or expanded facilities. The Mass Youth Soccer Complex, in Lancaster, MA, was built largely based on grants from the US Soccer Association. Similarly, the USTA is providing funding for new and expanded tennis facilities, particularly those incorporating the new, reduced-size "Quickstart" courts that are intended to foster interest in tennis in young children. Usually grant applications for these and similar organizations require mature feasibility studies and schematic level plans and cost estimates.

Privatization of Programs. Like many aspects of municipal government, Town recreation programs are increasingly reliant on private "for-profit" firms to operate various aspects of the program. The biggest use of privatization is in the area of facilities maintenance. Following a public bidding process, based on a well crafted RFP which defines the comprehensive maintenance program requirements, the Town turns over scheduling and maintenance of its fields (and often playground, hardscape and pool facilities, etc.) to a Contractor. In the Town of Norwood, MA, after two (2)-years of privatization of field maintenance, they have concluded that it currently costs $9,000 - $11,000 to maintain each field per year, versus the $20,000 - $24,000 previously, and that overall field quality has improved throughout.

Section 16.0 - Inclement Weather Policy and Recommended Maintenance Regimen

The implementation of a Master Plan is only effective if the work completed is properly maintained and if an inclement weather policy is enforced. Enclosure 7 of this report defines those activities that are routinely accomplished in the maintenance of high quality athletic fields during the course of a year, to allow for the use allotment associated with this Master Plan.

One of the most important policies to have for the assurance of sustainable high quality fields is an enforceable inclement weather policy. As was previously noted in this report, it only takes playing once on a very wet field to destroy the turf root zone for that season. An effort must be made not to play games or even to practice on fields that are excessively wet. The enforcement of a restrictive inclement weather policy by the designated Town Field Coordinator is the singular best management practice available. The designated Field Coordinator would have the final say on whether or not a field could be played on.

The designated Town Field Coordinator should be responsible for coordinating the maintenance of the Town's athletic fields, the athletic fields at K-12 schools, small parks and public grounds. The procedures described within Enclosure 7 are those activities that are routinely accomplished in the maintenance of high quality athletic fields and manicured open space areas during the course of a year. However, based on the Town's current resources, this level of effort will not be applied to all fields.

Section 17.0 - Conclusions

Gale's preliminary findings are that the demands on the Town's playing fields currently in use exceed the level at which is it possible to sustain safe, high-quality athletic facilities. It is apparent that many of the Town of Sudbury's existing fields are in poor condition due to overuse. In addition, the Town is lacking sufficient athletic field space to accommodate the existing amount of school, youth and adult sports programs that are active in the Town.

If the town chose not to proceed with any field improvements, the condition of the fields would continue to decline. The High School Softball field would remain in dangerous condition and maintenance would become more and more difficult. Along with unacceptable levels of use, the fields would continue to not be rested causing the condition to only get worse. Overall, this would cause constraints to the fields with user groups having to sacrifice field time, resulting in loss of practices or games.

As a result of this study, it is apparent that the development of a new parcel, redevelopment of an existing parcel, or a combination of the two is necessary in order for the Town to meet the required inventory of fields to sustain the given user demands. Also, it is evident that the reconstruction of the softball field at the high school must be a priority due to the current unsafe conditions of the field.

Gale assessed the feasibility of the development of the Melone property and found this would be an excellent site for recreation use. Although permitting would most likely be involved, we feel this process could be straightforward though proper planning and design. The development the Melone property would allow for other sites like Haskell and Featherland to be reconfigured and improve the current condition of all the Town fields.
As a result of this study, the Town of Sudbury has a Master Plan for athletic field redevelopment which, when implemented, will result in a population of fields, by type and location, that better meets the needs of the Town now and in the future. The field conditions, as a result of the immediate Master Plan improvements (e.g., reconstruction); will show a dramatic reduction in use on town fields and the provision of a rest period for all fields. The Phasing Plan prescribes a series of discrete projects, accomplished over a 3-year or greater period, in a logical progression, that is sensitive to the Town's fiscal planning requirements and mitigates the impacts of field redevelopment on users.

Gale Athletic &
Recreation Group

FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Crime Lab

Field: Little League Baseball

Type: Baseball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 59 Horse Pond Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

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

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   Overall, the site appears to be wet. Wetlands are present to the west and to the south. A small pond is located to the south of the fields, however it appears to be greater then 100 feet away.

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

    North/west – residential development; east – Massachusetts State Police Crime Lab; south – woodlands

Gale Athletic &
Recreation Group

B. Photo Documents (Insert pertinent photos here):

Gale Athletic &
Recreation Group

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 baseball

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

   Right field foul distance is approximately 100 feet before encountering the slope to the parking lot. Field planarity does not meet regulation.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation - **No**
2. Does the field have existing drainage? - **No formal field drainage.**
3. Sports Lighting - **No**
4. Fencing – **Field has black vinyl backstop, which needs to be repaired.**
5. Ancillary Equipment (describe general conditions):
   a. pitchers mound and rubber – **fair condition**
   b. bases and home plate – **not present**
   c. scoreboards – **none**
   d. backstop – **Black vinyl, which needs to be repaired.**
   e. dugout(s) – **none**
   f. P.A. system – **none**
   g. spectator seating – **none**
   h. flag pole – **none**
   i. player benches – **Wooden benches behind 6' fencing.**
   j. goals/goal posts – **N/A**
   k. field marking/striping – **Not striped.**
   l. parking facilities – **State Crime Lab Parking Lot**
   m. site accessibility – **Site is not ADA accessible.**
   n. site safety – **Site safety is poor with no site lighting and the field is located behind a building.**
   o. site buildings (list type and general assessment only) – **none**

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

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

Overall turf condition is poor with areas void of turf. Areas in the outfield are saturated and the site appears to not drain well.

2. Describe the overall appearance of the field:

Overall the field has a poor appearance due to poor turf in the outfield and a non-skinned infield. The field planarity does not meet regulation.

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:

The field is located behind the Sate Crime Lab Building with poor access and poor field conditions. The field planarity needs to be addressed and field surfaces need to be improved.

Gale Athletic &
Recreation Group

FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Ephraim Curtis Middle School

Field: Softball / Baseball

Type: Baseball/Softball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 22 Pratts Mill Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

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

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   Site has no apparent environmentally sensitive areas.

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

    North – Curtis Middle School/parking facilities; west/east/south – residential homes

B. Photo Documents (Insert pertinent photos here):

GALE

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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 sports; High School softball/baseball, soccer, field hockey

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

   Field area consists of one (1) softball and one (1) baseball facility, which can be played simultaneously. The combined outfields allow for a rectangular field to fit in between the skinned infields. Geometry for the softball and baseball fields meets NFHS regulations.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **Yes**

2. Does the field have existing drainage? – **No formal drainage. Various catch basins collect sheet flow from field.**

3. Sports Lighting - **No**

4. Fencing – **Softball and baseball have backstop and baseline fencing which needs to be panted. Fence fabric and post appear to be in good condition. Site has 4' perimeter fencing along eastern access drive. All other sides do not have fencing. No outfield fencing for baseball or softball due to use of the outfield as rectangular fields.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **For both softball and baseball in good condition.**

   b. bases and home plate – **For both softball and baseball in good condition.**

   c. scoreboards – **Wooden scoreboards need to be repaired.**

   d. backstop – **Softball and baseball backstops, fence post and fabric are in good condition. Fencing needs to be repainted.**

   e. dugout(s) – **Wooden benches behind 6' fencing.**

   f. P.A. system – **none**

   g. spectator seating – **none**

   h. flag pole – **Located at school entrance**

   i. player benches – **Benches are in decent condition for both softball and baseball and are located behind 6' fencing.**

   j. goals/goal posts – **No foul poles.**

   k. field marking/striping – **N/A**

   l. parking facilities – **School parking lot located to the north.**

   m. site accessibility – **Handicap areas need to be designated for the field areas.**

   n. site safety – **Site safety is good**

   o. site buildings (list type and general assessment only) – **Curtis Middle School located to the north.**

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

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

Overall, natural turf appears to be in good condition with a couple areas of worn patches void of turf. The infield areas of the softball and baseball need to be weeded and re-edged.

2. Describe the overall appearance of the field:

Overall, the field appearance is good with full-size baseball and softball fields and enough width between the infields for a rectangular field.

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:

Overall, baseball and softball fields are in good conditions with minor repairs/upkeep needed. Natural turf seems to be in good condition with some areas that need to be aerated and reseeded.

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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Cutting Field

Field: Multi-Purpose Synthetic Turf Field

Type: Soccer, Lacrosse

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 429 Maynard Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

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

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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 are present to the west of the site and to the north across Maynard Road. A pond is present to the west of the field and parking lot.

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

    North/south/west – undeveloped land; east – residential development

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B. Photo Documents (Insert pertinent photos here):

GALE

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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 Soccer and Lacrosse

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

   Overall limits of synthetic turf are 230'x380'. Geometry is sufficient for High School Athletics.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **No - synthetic turf**
2. Does the field have existing drainage? –**Stone base with flat panel drains leading to collector pipes.**
3. Sports Lighting - **No**
4. Fencing – **Field has black vinyl perimeter fencing**
5. Ancillary Equipment (describe general conditions):
   a. pitchers mound and rubber – **N/A**

b. bases and home plate – **N/A**

c. scoreboards – **None**

d. backstop – **N/A**

e. dugout(s) – **N/A**

f. P.A. system – **None**

g. spectator seating – **Approximately 50-100 person portable bleacher system.**

h. flag pole – **None**

i. player benches –**Portable player benches in good condition.**

j. goals/goal posts – **Soccer/lacrosse goals in good condition.**

k. field marking/striping – **Tufted / Inlaid - White for soccer; Blue for men's lacrosse; red for women's lacrosse**

l. parking facilities – **To the south and west approximately 40-45 spaces with three (3) handicap spots.**

m. site accessibility – **The site is ADA accessible.**

n. site safety – **Site safety is good.**

o. site buildings (list type and general assessment only) – **No site buildings. Site has lockable storage bin and one (1) outhouse.**

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

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

Overall, synthetic turf is in good condition. No apparent tears or loss of fibers. Turf needs to be groomed to stand fibers back up.

2. Describe the overall appearance of the field:

Overall, the field appearance is good with adequate parking and good turf condition.

GALE

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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:

Cutting Field is an excellent site with adequate parking and a great synthetic turf field.

GALE

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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Davis Field

Field: Large Open Natural Turf Area

Type: Football, Soccer

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 195 N Road

City: Sudbury **State: Massachusetts** **Zip: 01176**

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

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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 are present to the west and east of the fields.

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

    North - woodland/residential homes; east – woodlands/farmland; west – woodlands; south – farm land

B. Photo Documents (Insert pertinent photos here):

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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 and Football

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

   Overall Limits of natural turf area accommodate two (2) youth soccer fields (120' x 180'). Prevailing grades prohibit a large portion of the site to be used for youth sports.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **No**
2. Does the field have existing drainage? – **No formal drainage.**
3. Sports Lighting - **No**
4. Fencing – **No**
5. Ancillary Equipment (describe general conditions):
   a. pitchers mound and rubber – **N/A**
   b. bases and home plate – **N/A**
   c. scoreboards – **None**
   d. backstop – **N/A**
   e. dugout(s) – **N/A**
   f. P.A. system – **None**
   g. spectator seating – **None**
   h. flag pole – **None**
   i. player benches – **None**
   j. goals/goal posts – **Two (2) sets of youth soccer goals in good condition.**
   k. field marking/striping – **Currently striped for youth soccer (2 fields).**
   l. parking facilities – **Gravel parking area at located to the north of the site.**
   m. site accessibility – **The site is not ADA accessible.**
   n. site safety – **Site safety is adequate.**

o. site buildings (list type and general assessment only) – **No site buildings.**

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

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

Overall, natural turf appears to be in decent condition with some areas void of turf. Some areas appeared to be over compacted and saturated.

2. Describe the overall appearance of the field:

Overall, the field appearance is decent with parking to the north and a large open turf area to the south. The site has great potential for redevelopment.

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:

Current prevailing conditions and site features prohibit use of a large portion of the site. The parcel has great potential for redevelopment.

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FIELD EVALUATION
DATA SHEET

Date: 5/7/2012

Facility Name: Lower Featherland Park

Field: Little League Baseball Fields

Type: Baseball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 491 Concord Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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 appear to be to the north of the three (3) little league fields.

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

    North - undeveloped woodlands; south – Upper Featherland (softball and Major League diamond; west – undeveloped woodlands; east – parking/Concord Road.

B. Photo Documents (Insert pertinent photos here):

GALE

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GALE

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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

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

   Total of three (3) Little League fields. Fields 2 and 3 meet regulation. Field 1 has a short outfield due prevailing site conditions.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **Yes**

2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface.**

3. Sports Lighting – **Field 2 and 3 have four (4) MUSCO poles each with approximately 4-8 fixtures per pole. Poles are in the correct location. Field 1 does not have athletic lighting.**

4. Fencing – **All fields have black vinyl fencing with plastic safety cap. All fencing is in good condition.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **Good condition for all fields.**

   b. bases and home plate – **Bases not present.**

   c. scoreboards – **Wooden scoreboards in good condition.**

   d. backstop – **Backstops are in good condition approximately 25' from home plate.**

   e. dugout(s) – **Dugouts are black vinyl chain link fence with wind screening. All dugouts are in good condition.**

   f. P.A. system – **none**

   g. spectator seating – **All fields have portable spectator seating approximately 25-50 person systems.**

   h. flag pole – **good condition**

   i. player benches –**Aluminum benches are in good condition.**

   j. goals/goal posts – **Foul poles in good condition.**

   k. field marking/striping – **n/a**

   l. parking facilities – **Approximately 40 spaces with two (2) handicap spaces.**

m. site accessibility – **Site is ADA accessible.**

n. site safety – **Site safety is good.**

o. site buildings (list type and general assessment only) – **Site has restrooms/concession building adjacent to Field 2.**

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

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

The turf quality is good with high growth density and minimal repairs necessary. Field 2 has an area behind second base which needs to be re-seeded.

2. Describe the overall appearance of the field:

Overall, the Little League fields are in great condition with good turf condition. The infill appears to be over compacted and saturated.

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:

Overall, the facility is in great condition for Little League baseball.

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FIELD EVALUATION
DATA SHEET

Date: 5/7/2012

Facility Name: Upper Featherland Park

Field: Softball / Major League Diamond (MLD)

Type: Baseball/Softball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 491 Concord Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   No environmentally sensitive areas appear to surround Upper Featherland.

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

    North – Lower Featherland (Little League fields); west – woodlands/open field; east – parking/residential homes; south – residential homes

B. Photo Documents (Insert pertinent photos here):

GALE

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GALE

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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).

Adult and High School Softball, Little League Baseball, High School Baseball

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

   Softball right, center and left field dimensions are 235', 265', and 230' respectively. Major league baseball meets all Little League geometry standards.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **Unknown**

2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface.**

3. Sports Lighting – **Softball field has old athletic lighting on wooden poles. Major League diamond does not have athletic lighting.**

4. Fencing – **Softball field has 6' high chain link outfield fence. Major league diamond has 4' black vinyl fencing.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **Good condition for both fields.**

   b. bases and home plate – **Softball - good condition. Bases not present for MLD.**

   c. scoreboards – **Wooden scoreboards in good condition. Softball has no scoreboard.**

   d. backstop – **MLD backstop is in good condition approximately 25' from home plate. Softball backstop is old and needs to be replaced.**

   e. dugout(s) – **MLD dugouts are black vinyl chain link fence with wind screening. Softball field does not have dugouts**

   f. P.A. system – **MLD has a PA system mounted to the press box.**

   g. spectator seating – **Softball field has two (2) portable spectator seating approximately 25-50 person systems. MLD has old wooden bleachers.**

   h. flag pole – **good condition**

   i. player benches – **MLD has aluminum benches which are in good condition. Softball player benches are in need of repair.**

   j. goals/goal posts – **Foul poles in good condition.**

k. field marking/striping – **N/A**

l. parking facilities – **To the east of the fields.**

m. site accessibility – **The site is not ADA accessible.**

n. site safety – **Site safety is good.**

o. site buildings (list type and general assessment only) – **Site has restrooms/concession building in between the two (2) fields. The building is in decent shape needs minor repairs. MLD has a Press box behind home plate which is in good condition.**

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

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

The turf quality is good with high growth density and minimal repairs necessary.

2. Describe the overall appearance of the field:

Overall the fields are in good condition with only a few repairs necessary.

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:
A great facility overall. The softball field is out of place in a Little League complex. If the softball field could be relocated, it would make for a great Little League venue.

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Recreation Group

FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Frank Feeley Fields

Field: Baseball

Type: Baseball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 200 Raymond Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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 are present to the south and east of the field. A portion of the baseball field is in the 500 year flood zone.

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

    North – Feeley Softball Fields; west – woodlands; east – wetlands/woodlands; south – wetlands/woodlands

B. Photo Documents (Insert pertinent photos here):

GALE

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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

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

   The field complies with MIAA and NFHS regulations

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **Yes**

2. Does the field have existing drainage? – **No formal drainage. Field relies on sheet flow to direct water off the playing surface.**

3. Sports Lighting – **Athletic lighting is outdated. Six (6) wooden poles with approximately six (6) fixtures per pole.**

4. Fencing – **Fencing is in good condition with minor repairs necessary.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **good condition**

b. bases and home plate – **good condition**

c. scoreboards – **Daktronics scoreboard in good condition located in right field.**

d. backstop – **good condition**

e. dugout(s) – **Decent condition with minor repairs necessary.**

f. P.A. system – **Located on press box behind home plate.**

g. spectator seating – **Aluminum spectator seating located on hill behind first base line. It is not ADA accessible.**

h. flag pole – **good condition**

i. player benches – **Wooden benches with minor repairs needed.**

j. goals/goal posts – **n/a**

k. field marking/striping – **n/a**

l. parking facilities – **To the northwest.**

m. site accessibility – **The site is ADA accessible, however spectator seating is not.**

n. site safety – **Site safety is good.**

o. site buildings (list type and general assessment only) – **No site buildings. Press box located behind home plate needs repairs.**

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

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

The turf condition is good with high growth density.

2. Describe the overall appearance of the field:

Overall the facility is in good condition with minor repairs necessary to update the field.

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:

Overall this is a great facility. The press box needs to be updated and re-sided and the dugouts need minor repairs. The field is located in a flood zone and the drainage should be improved to allow use of the field in the early spring.

Gale Athletic &
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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Frank Feeley Fields

Field: Upper Softball/Lower Softball 1 and 2

Type: Softball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 200 Raymond Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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 are present to the southeast of the lower softball fields. The 500 year flood zone is at the limits of the lower softball fields. Upper Feeley softball does not have any environmentally sensitive issues.

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

    North – tennis courts and woodlands; west – residential homes; east – new development/woodlands; south – Feeley adult baseball field and woodlands

B. Photo Documents (Insert pertinent photos here):

GALE

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GALE

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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, Adult, High School Softball

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

   Upper softball field meets all standard softball geometry requirements. The two (2) lower softball field outfields overlap and cannot support simultaneous games.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **Yes**

2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface.**

3. Sports Lighting – **none**

4. Fencing – **Upper softball field has 6' high chain link outfield fence. Lower softball fields do not have outfield fencing**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **Good condition for upper softball. Need to be replaced for lower softball fields**

   b. bases and home plate – **Good condition for all fields.**

   c. scoreboards – **Wooden scoreboards in good condition.**

   d. backstop – **Upper softball and lower softball 2 backstops are in good condition. Lower softball 1 backstop needs to be replaced.**

   e. dugout(s) – **Dugouts consist of players benches behind chain link fence.**

   f. P.A. system – **none**

   g. spectator seating – **Old wooden spectator seating needs to be upgraded.**

   h. flag pole – **good condition**

   i. player benches – **Aluminum benches are in good condition.**

   j. goals/goal posts – **Upper softball foul poles need to be painted so they are visible. Lower softball does not have foul poles.**

   k. field marking/striping – **n/a**

   l. parking facilities – **To the west of the fields.**

m. site accessibility – **The site is not ADA accessible.**

n. site safety – **Site safety is good**

o. site buildings (list type and general assessment only) – **Site has restrooms at the upper softball field.**

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

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

Upper softball turf quality is fair with large areas void of turf. Turf appears to be overused without rest. Lower softballs fields are in good condition with some areas void of turf.

2. Describe the overall appearance of the field:

Upper softball field is in fair condition with only minor upgrades necessary. Lower softball fields need to be reconfigured to make them non-conflicting.

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:

Lower softball needs to be reconfigured.

Gale Athletic &
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FIELD EVALUATION
DATA SHEET

Date: 5/7/2012

Facility Name: Haskell Fields

Field: 90' Baseball, Youth Soccer, Lacrosse

Type: Baseball, Soccer, Lacrosse

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 40 Fairbanks Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   There does not appear to be any environmentally sensitive areas surrounding the fields.

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

    The field is surrounded by residential homes on the north, west, and south. The recreation department is on the east.

B. Photo Documents (Insert pertinent photos here):

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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/Adult Baseball, Youth Soccer/Lacrosse

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

   A full 90' diamond meets MIAA and NFHS regulations; approximately 12-15 youth soccer/lacrosse fields in the fall and spring season.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **Yes**

2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface**

3. Sports Lighting – **None**

4. Fencing – **Backstop and dugout fencing only. Outfield fencing is temporary.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **fair condition**

   b. bases and home plate – **fair condition**

   c. scoreboards – **Wooden scoreboard behind home plate. Youth soccer/lacrosse fields do not have scoreboards.**

   d. backstop – **good condition**

   e. Dug out(s) – **Aluminum benches behind 6' fencing.**

   f. P.A. system – **none**

   g. spectator seating – **Wooden bleachers at baseball field only. Not code compliant.**

   h. flag pole – **At park entrance.**

   i. player benches – **Aluminum in good condition. Youth soccer/lacrosse do not have player benches.**

   j. goals/goal posts – **Soccer/lacrosse goals in good condition.**

   k. field marking/striping – **soccer/lacrosse**

   l. parking facilities – **At Fairbank Road entrance (approx. 160-180 spaces).**

   m. Site accessibility – **The individual fields are not ADA accessible.**

n. site safety – **Site safety is good.**

o. site buildings (list type and general assessment only) – **Small restroom facility located near the playground.**

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

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

The turf condition is fair. The complex appears to be overused which has cause bare spots and areas that need to be re-grown.

2. Describe the overall appearance of the field:

Overall the facility is a large, open, green space used for youth sports.

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:

It appears the fields need to be rested.

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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Haynes Elementary School

Field: Little League / MPR

Type: Baseball, Soccer

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 169 Haynes Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   There do not appear to be any environmentally sensitive areas surrounding the field.

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

    The field is surrounded by residential homes on the north, west, and east. The school building is to the south.

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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, Youth Soccer, recess

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

   The geometry is insufficient for any individual sport. The use appears to be more for recess/physical education classes.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **No**

2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface.**

3. Sports Lighting – **None**

4. Fencing – **Backstop fencing is in good condition.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **none**

b. bases and home plate – **none**

c. scoreboards – **none**

d. backstop – **good condition**

e. dugout(s) – **none**

f. spectator seating – **none**

g. flag pole – **At school entrance.**

h. Player benches – **none**

i. goals/goal posts – **Soccer goals in good condition.**

j. field marking/striping – **none**

k. parking facilities – **At school entrance.**

l. site accessibility – **The site is ADA accessible.**

m. site safety – **Site safety is good.**

n. site buildings (list type and general assessment only) – **School building to the south.**

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

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

The turf condition is very poor with signs of overuse and areas void of turf.

2. Describe the overall appearance of the field:

Overall, the facility appears to be used for recess and does not adequately support youth sports.

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:

The fields are used for recess and do not support youth sports.

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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Israel Loring Elementary School

Field: Little League/Youth Soccer

Type: Baseball, Soccer

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 80 Woodside Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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 appear to be to the north and west of the fields.

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

    The fields are surrounded by woodlands and residential homes to the north, west and south. The school building is located to the east.

B. Photo Documents (Insert pertinent photos here):

GALE

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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/Youth Soccer

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

   The Little League field has a short outfield due to the prevailing grades and tree line. The youth soccer field limits are 100' x 150'.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **No**
2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface**
3. Sports Lighting – **None**
4. Fencing – **Backstop fencing and dugout fencing are in good condition.**
5. Ancillary Equipment (describe general conditions):
   a. pitchers mound and rubber – **in good condition**
   b. bases and home plate – **in good condition**

c. scoreboards – **none**

d. backstop – **in good condition**

e. dugout(s) – **Wooden benches behind 6' fencing.**

f. spectator seating – **none**

g. flag pole – **At school entrance**

h. Player benches – **Wooden benches need to be replaced.**

i. goals/goal posts – **Soccer goals are in good condition.**

j. field marking/striping – **none**

k. parking facilities – **At school.**

l. site accessibility – **The site is not ADA accessible.**

m. site safety – **Site safety is good.**

n. site buildings (list type and general assessment only) – **School building to the east.**

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

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

The turf condition at the youth soccer field is very poor with no turf growth. It is unsafe for use. The Little League field has signs of overuse and areas with no turf.

2. Describe the overall appearance of the field:

Overall the facility appears to be used for recess.

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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:

The soccer field is used for recess and is unsafe for youth sports due to the turf condition. The little league field does not meet recommended outfield dimensions.

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FIELD EVALUATION
DATA SHEET

Date: 5/7/12

Facility Name: Lincoln Sudbury Regional High School

Field: Community Field

Type: Softball

Facilities Manager/Director: Kevin Rossley - LSRHS

Site Address: 390 Lincoln Road

City: Sudbury **State:** Massachusetts **Zip:** 01776

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   Wetands appear to be to the north of the track and field.

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

    North – woodlands; south – school facility/JV baseball; west – residential homes; east – Varsity/MPR/woodlands

B. Photo Documents (Insert pertinent photos here):

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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 Sports (football, soccer, lacrosse, etc.)

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

   Overall turf limits = 205' x 210' – 380' with north D-area turfed

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**

2. Does the field have existing drainage? **Yes – assumed to have stone base under drain system .**

3. Sports Lighting: **Yes – outdated on old wooden poles.**

4. Fencing: **Yes - perimeter 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. scoreboards – **Daktronics scoreboard located in north D-Area in decent condition.**

d. backstop - **n/a**

e. dugout(s) - **n/a**

f. P.A. system – **At press box.**

g. spectator seating - **Yes - on both home and visitors side in good condition.**

h. flag pole – **Yes - at stadium entrance.**

i. player benches – **Aluminum benches in good condition.**

j. goals/goal posts –**good condition**

k. field marking/striping – **Soccer, Football, Men's / Women's Lacrosse**

l. parking facilities - **school parking facilities**

m. site accessibility - **The field is ADA accessible.**

n. site safety - **good**

o. site buildings (list type and general assessment only) – **Amenities/restroom in good condition.**

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

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

Synthetic turf appears to be in good condition with no signs of tears or loss of fibers. The turf needs to be groomed to re-distribute infill and stand fibers back up.

2. Describe the overall appearance of the field:

Overall, the facility is in great condition with upgrades to the athletic lighting necessary.

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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:

Athletic lighting needs to be upgraded.

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FIELD EVALUATION
DATA SHEET

Date: 5/7/12

Facility Name: Lincoln Sudbury Regional High School

Field: JV Baseball / MPR

Type: Baseball, MPR Sports

Facilities Manager/Director: Kevin Rossley - LSRHS

Site Address: 390 Lincoln Road

City: Sudbury **State:** Massachusetts **Zip:** 01776

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   No apparent environmentally sensitive areas surround the fields.

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

    North – Community Field; south – school campus; west – woodlands/residential homes; east – Turf 1 & 2.

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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/MPR sports

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

   A full 90' diamond with approximately 330' to center field and approximately 300' – 310' to right and left fields. No outfield fencing.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **Yes**

2. Does the field have existing drainage? **Catch basins located outside of right field. Field relies on sheet slow and infiltration.**

3. Sports Lighting – **no**

4. Fencing – **Backstop fencing is in good condition.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber - **good condition**

b. bases and home plate – **good condition**

c. scoreboards – **none**

d. backstop - Black **vinyl fencing in good condition.**

e. dugout(s) - Aluminum **benches on concrete pads behind 6' fencing in good condition.**

f. P.A. system – **none**

g. spectator seating - **none**

h. flag pole – **At community field.**

i. player benches – **Aluminum benches on concrete pads in good condition.**

j. goals/goal posts – **n/a**

k. field marking/striping – **n/a**

l. parking facilities - School **parking facilities.**

m. site accessibility - **The field is not ADA Accessible.**

n. site safety - **Site safety is good.**

o. site buildings (list type and general assessment only) - **School buildings to the south.**

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

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

The turf is in good condition with high growth density and minor areas that need to be repaired.

2. Describe the overall appearance of the field:

Overall the facility is in good condition

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:

N/A

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FIELD EVALUATION
DATA SHEET

Date: 5/7/12

Facility Name: Lincoln Sudbury Regional High School (LSRHS)

Field: Natural Turf MPR

Type: Soccer / Lacrosse / Football

Facilities Manager/Director: Kevin Rossley – LSRHS

Site Address: 390 Lincoln Road

City: Sudbury **State:** Massachusetts **Zip:** 01776

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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 appear to be to the north of the field.

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

    North – wetlands and woodlands; south – varsity baseball; west – Community Field; east – woodlands.

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B. Photo Documents:




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 MPR sports

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

   A full 210' x 330' soccer field can fit within this area.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **Yes**

2. Does the field have existing drainage? **No formal drainage system. Field relies on sheet flow and infiltration.**

3. Sports Lighting - **None**

4. Fencing – **None**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber - **n/a**

   b. bases and home plate – **n/a**

   c. scoreboards – **none**

   d. backstop - **n/a**

   e. dugout(s) - **n/a**

   f. P.A. system – **none**

   g. spectator seating - **none**

   h. flag pole – **At community field.**

   i. player benches – **none**

   j. goals/goal posts – **Lacrosse nets in good condition.**

   k. field marking/striping – **lacrosse**

   l. parking facilities - **School parking facilities.**

   m. site accessibility - **The field is not ADA Accessible.**

   n. site safety - **Site safety is good.**

   o. site buildings (list type and general assessment only) - **School buildings to the south.**

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

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

The turf is in good condition with areas void of turf due to over use. These areas should be aerated, top dressed fertilized and re-seeded to eliminate bare spots.

2. Describe the overall appearance of the field:

Overall, the field is a large open space used for practice.

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:

N/A

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FIELD EVALUATION
DATA SHEET

Date: 5/7/12

Facility Name: Lincoln Sudbury Regional High School

Field: Softball Field

Type: Softball

Facilities Manager/Director: Kevin Rossley - LSRHS

Site Address: 390 Lincoln Road

City: Sudbury **State:** Massachusetts **Zip:** 01776

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   No environmentally sensitive areas are present.

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

    North – woodlands/school parking lot; south – tennis courts/Lincoln Street/residential homes; west – school parking lot/school buildings; east – existing boiler building/woodlands/residential homes

B. Photo Documents (Insert pertinent photos here):

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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 level softball

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

   Outfield Fence Distance = 200'; Distance to Backstop from Home Plate = 25'

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**

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

3. Sports Lighting: No

4. Fencing:

   a. 4' Black Vinyl Fencing with yellow plastic cap for the outfield fence is in good condition.

   b. Black Vinyl Fencing for the backstop and dugouts protection in good condition.

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber - **fair condition**

   b. bases and home plate - **fair condition**

   c. scoreboards – **All American Scoreboard located in center field in fair condition. Foundation appears to be concrete footings supporting a wooden frame.**

   d. backstop - **Black vinyl fencing in good condition**

   e. dugout(s) - **Concrete pads behind black vinyl fencing.**

   f. P.A. system – **none**

   g. spectator seating - **Portable seating located on adjacent sidewalk**

   h. flag pole – **none**

   i. player benches – **Aluminum benches in fair condition**

   j. goals/goal posts – **n/a**

   k. field marking/striping – **softball**

   l. parking facilities - **School parking facilities surround site on two (2) sides.**

   m. site accessibility - **No ADA access to field.**

   n. site safety - **Prevailing grades are a major safety concern**

   o. Site buildings (list type and general assessment only) - **Softball field does not have its own supporting facility. The site uses school buildings.**

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

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

   Outfield turf is in poor condition with weak growth and areas devoid of turf due to insect manifestation. Clay infield is over-compacted.

2. Describe the overall appearance of the field:

Overall facility needs maintenance and repairs to playing surfaces. Outfield grades need to be addressed and resolved.

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:

Outfield needs to be re-graded; field needs to have ADA access; outfield turf condition needs to be addressed; clay infield is over-compacted.

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FIELD EVALUATION
DATA SHEET

Date: 5/7/12

Facility Name: Lincoln Sudbury Regional High School

Field: Turf 1 & 2

Type: Soccer, Lacrosse

Facilities Manager/Director: Kevin Rossley - LSRHS

Site Address: 390 Lincoln Road

City: Sudbury **State:** Massachusetts **Zip:** 01776

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   No apparent environmentally sensitive areas surround the fields.

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

    North – Varsity baseball; south – school campus/woodlands; west – JV baseball/school campus; east – woodlands.

B. Photo Documents (Insert pertinent photos here):

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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 sports (soccer, lacrosse, field hockey)

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

Overall turf limits = 420' - 430' x 350'

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**

2. Does the field have existing drainage? **Yes – assumed to have stone base under drain system.**

3. Sports Lighting **no**

4. Fencing – **Yes perimeter 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. scoreboards – **Two (2) Daktronics scoreboards located at the midpoint of the fields to the south.**

   d. backstop – **n/a**

   e. dugout(s) – **n/a**

   f. P.A. system – **none**

   g. spectator seating - Portable **aluminum spectator seating in good condition.**

   h. flag pole – **At community field**

   i. player benches – **Aluminum benches in good condition.**

   j. goals/goal posts –**good condition**

   k. field marking/striping – **soccer, men's/women's lacrosse, field hockey**

   l. parking facilities - School **parking facilities.**

   m. site accessibility - The **field is ADA Accessible.**

   n. site safety - Site **safety is good.**

o. site buildings (list type and general assessment only) - School **buildings to the south.**

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

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

Synthetic turf appears to be in good condition with no signs of tears or loss of fibers. The turf needs to be groomed to re-distribute infill and stand fibers back up.

2. Describe the overall appearance of the field:

Overall, the facility is in great condition.

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:

Athletic lighting would allow full advantage of the synthetic turf.

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FIELD EVALUATION
DATA SHEET

Date: 5/7/12

Facility Name: Lincoln Sudbury Regional High School

Field: Varsity Baseball / MPR

Type: Softball

Facilities Manager/Director: Kevin Rossley – LSRHS

Site Address: 390 Lincoln Road

City: Sudbury **State:** Massachusetts **Zip:** 01776

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   No apparent environmentally sensitive areas surround the fields.

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

    North – natural turf Field; south – Turf 1 & 2 and JV baseball; west – Community Field; east – woodlands.

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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/MPR sports

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

   A full 90' Diamond with approximately 350' to center field and approximately 320' – 330' to right and left fields. No outfield fencing.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **yes**

2. Does the field have existing drainage? **No formal drainage system. Field relies on sheet flow and infiltration**

3. Sports Lighting **no**

4. Fencing – **Backstop fencing is in good condition.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber - **good condition**

   b. bases and home plate – **good condition**

   c. scoreboards – **none**

   d. backstop - **Black vinyl fencing in good condition.**

   e. dugout(s) - **Aluminum benches on concrete pads behind 6' fencing in good condition.**

   f. P.A. system – **none**

   g. spectator seating - **none**

   h. flag pole – **At community field.**

   i. player benches – **Aluminum benches on concrete pads in good condition.**

   j. goals/goal posts – **n/a**

   k. field marking/striping – **n/a**

   l. parking facilities - **School parking facilities.**

   m. site accessibility - **The field is not ADA Accessible.**

   n. site safety - **Site safety is good.**

o. site buildings (list type and general assessment only) - **School buildings to the south.**

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

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

The turf is in good condition with good growth density. Some areas in the outfield appear to be overused due to the use of the outfield as an MPR field. These areas should be re-seeded and re-grown to eliminate bare spots.

2. Describe the overall appearance of the field:

Overall the facility is in good condition.

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:

N/A

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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: General John Nixon Elementary School

Field: Little League

Type: Baseball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 1 Mose Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information):

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   There does not appear to be any environmentally sensitive areas surrounding he field.

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

    The field is surrounded by woodlands to the south and east and the school parking, playground, and building to the west and north.

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

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

   The outfield dimensions are short due to the school's playground and existing tree line.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **No**

2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface**

3. Sports Lighting – **none**

4. Fencing – **Backstop and dugout fencing only.**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **good condition**

   b. bases and home plate – **none**

   c. scoreboards – **none**

   d. backstop – **good condition**

   e. dugout(s) – **Aluminum benches behind 6' fencing.**

   f. P.A. system – **none**

   g. spectator seating – **none**

   h. flag pole – **none**

   i. player benches –**Aluminum in good condition.**

   j. goals/goal posts – **n/a**

   k. field marking/striping – **n/a**

   l. parking facilities – **School parking to the west.**

   m. site accessibility – **The site is not ADA accessible.**

   n. site safety – **Site Safety is poor due to being secluded in the back of the parcel surrounded by trees.**

o. site buildings (list type and general assessment only) – **School building to the west.**

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

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

The turf condition is very poor with little to no growth.

2. Describe the overall appearance of the field:

Overall the facility appears to be used for recess, which has caused the condition of the field to become unsafe for use.

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:

Overall the intended use appears to be for recess, and used for Little League when needed.

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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Peter Noyes Elementary School

Field: Little League

Type: Baseball

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 278 Old Sudbury Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   There does not appear to be any environmentally sensitive areas surrounding he field.

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

    The fields are surrounded by school and municipal facilities to the south, west, and east. A cemetery is located to the north of the fields.

B. Photo Documents (Insert pertinent photos here):

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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

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

   The outfield dimensions are short due to prevailing grades. If the fields are used simultaneously the outfields conflict.

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **No**
2. Does the field have existing drainage? – **No formal drainage. Fields rely on sheet flow to direct water off the playing surface**
3. Sports Lighting – **None**
4. Fencing – **Backstop, dugout and site perimeter fencing.**
5. Ancillary Equipment (describe general conditions):
   a. pitchers mound and rubber – **good condition**
   b. bases and home plate – **good condition**
   c. scoreboards – **none**
   d. backstop – **good condition**
   e. dugout(s) – **aluminum benches behind 6' fencing**
   f. P.A. system – **none**
   g. spectator seating – **none**
   h. flag pole – **At school building.**
   i. player benches – **Aluminum in good condition.**
   j. goals/goal posts – **N/A**
   k. field marking/striping – **N/A**

l. parking facilities – **school parking/municipal building parking to the west**

m. site accessibility – **The site is not ADA accessible.**

n. site safety – **Site safety is good.**

o. site buildings (list type and general assessment only) – **School building.**

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

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

The turf condition is fair with areas void of turf. Appears to be overused without an adequate rest period.

2. Describe the overall appearance of the field:

Overall the facility appears to be used for recess which has made it difficult to maintain the facility.

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:

Overall the fields cannot be used at the same time due to conflicts with the outfield.

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FIELD EVALUATION
DATA SHEET

Date: 4/20/2012

Facility Name: Ti-Sales

Field: Natural Turf MPR

Type: Soccer/Lacrosse/Other

Facilities Manager/Director: Sudbury Department of Public Works

Site Address: 36 Hudson Road

City: Sudbury **State:** Massachusetts **Zip:** 01176

A. Record Information:

	Yes	No
1. Design Plans and Specifications		
2. As-Built Drawings		
3. Site Plan Sketches		
4. Assessors Maps/Plot Plans	x	
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)?

   Area appears to have environmentally sensitive issues surrounding the parcel, possible wetlands / natural heritage. Open water is located in the northern part of the parcel.

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

    The field is surrounded by woodlands.

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).

MPR sports – youth to high school

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

   Area is a large rectangle – limits are approximately 200' – 220' x 450' x 475'

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation – **No**

2. Does the field have existing drainage? – **No formal drainage. Field relies on sheet flow to direct water off the playing surface**

3. Sports Lighting – **None**

4. Fencing – **None**

5. Ancillary Equipment (describe general conditions):

   a. pitchers mound and rubber – **n/a**

   b. bases and home plate – **n/a**

   c. scoreboards – **none**

   d. backstop – **n/a**

   e. dugout(s) – **n/a**

   f. P.A. system – **none**

   g. spectator seating – **none**

   h. flag pole – **none**

   i. Player benches –**none**

   j. goals/goal posts – **none**

   k. field marking/striping – **none**

   l. parking facilities – **Gravel facilities are to the south of the fields.**

   m. site accessibility – **The site is not ADA accessible.**

   n. site safety – **Site safety is poor due to being secluded.**

   o. site buildings (list type and general assessment only) – **No site buildings.**

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

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

The turf condition is fair with areas void of turf

2. Describe the overall appearance of the field:

Overall the site is a large open field secluded in the woods with limited access

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:

Overall the facility has limited access with a one-way gravel road to the gravel parking area. Site redevelopment appears to be restricted due to access.

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PROJECT
TOWN OF SUDBURY UPDATED ATHLETIC NEEDS ASSESSMENT AND MASTER PLAN
SUDBURY, MA

OWNER
FRIENDS OF SUDBURY PARK & RECREATION
7 ALLENE AVENUE
SUDBURY, MA 01776

REVISIONS

NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	WJS
DATE	SEPTEMBER 26, 2012
DRAWING SCALE	1"=60'-0"

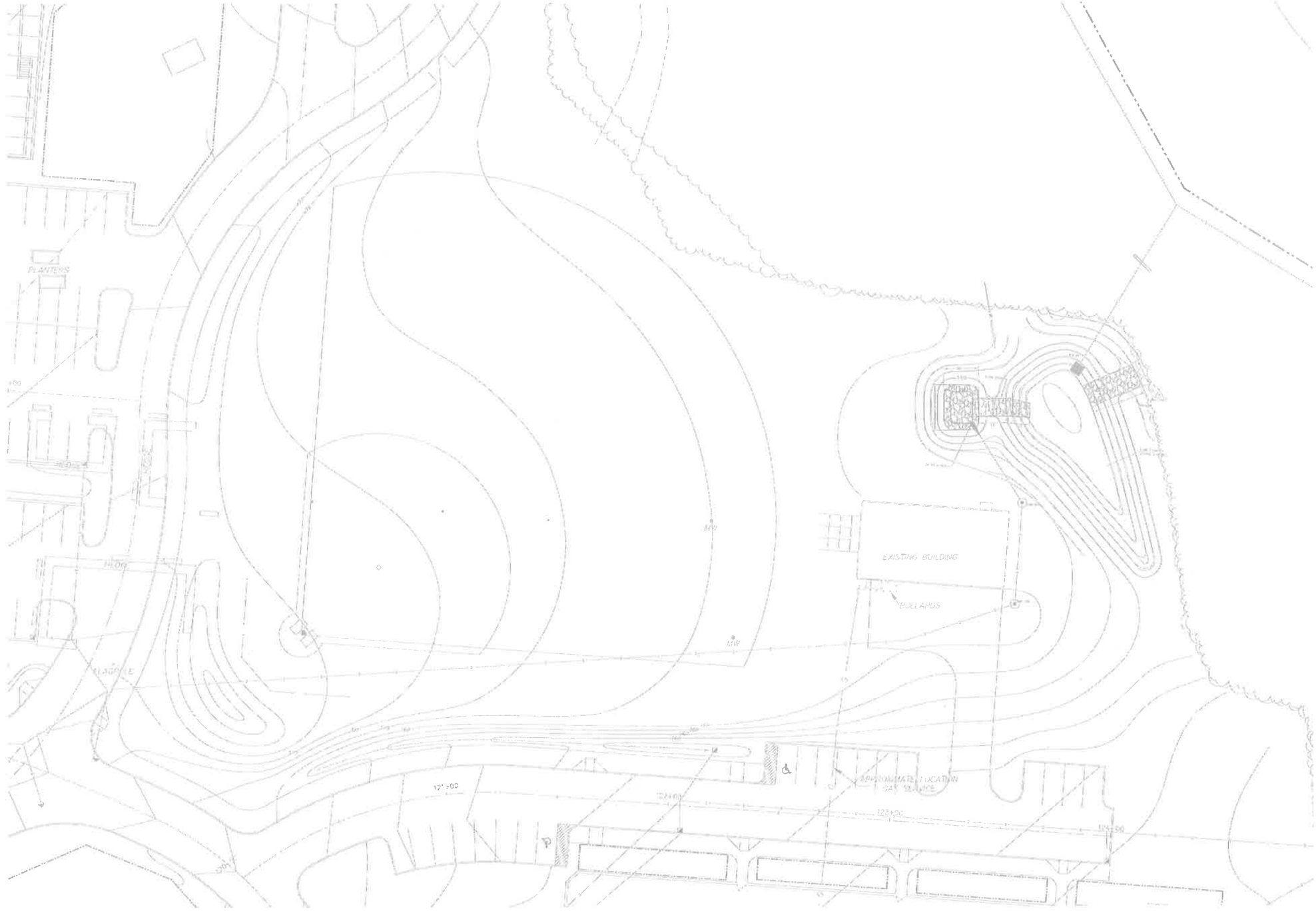
GRAPHIC SCALE
0 60' 120'

SHEET TITLE
HASKELL LAYOUT

DRAWING NO.
sk–

PROJECT NO. 715500

P:\715500\PLOTS\Schematic\HASKELL-101.dwg, 1:1



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TOWN OF SUDBURY UPDATED ATHLETIC NEEDS ASSESSMENT AND MASTER PLAN
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OWNER
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REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	WJS
DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=20'-0"
GRAPHIC SCALE	

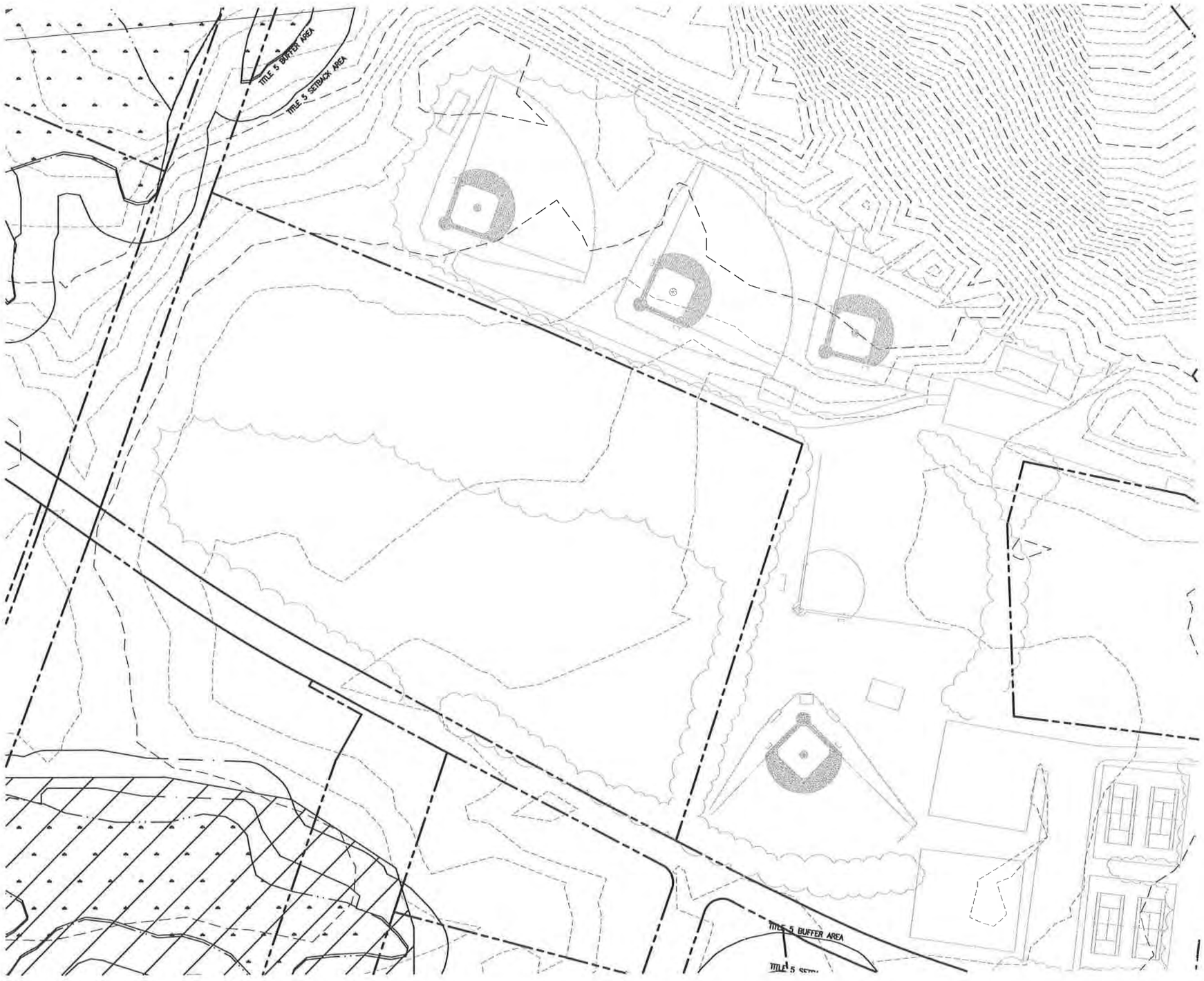
SHEET TITLE

SOFTBALL LAYOUT PLAN

DRAWING NO.
sk–

PROJECT NO. 715500

F:\715500\PLOT\SK\schematic\715500 SK-L.dwg, L1



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REVISIONS

NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	WJS
DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=60'-0"

GRAPHIC SCALE

0 60' 120'

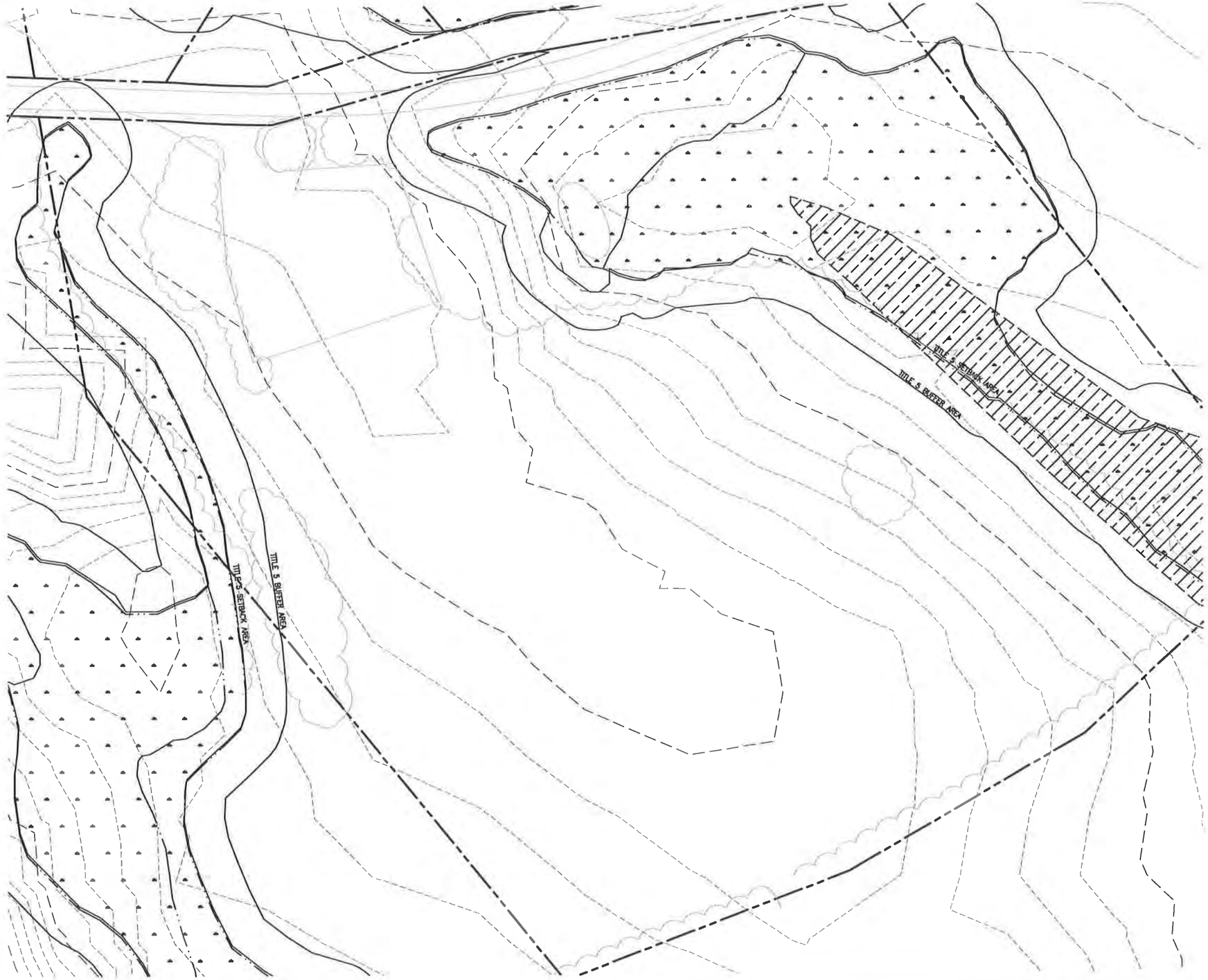
SHEET TITLE

FEATHERLAND LAYOUT

DRAWING NO.

sk–

PROJECT NO. 715530



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REVISIONS

NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	WJS
DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=60'-0"

GRAPHIC SCALE
0 60' 120'

SHEET TITLE
DAVIS
LAYOUT

DRAWING NO.
sk-

PROJECT NO. 715530

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REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	WJS
DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=60'-0"

GRAPHIC SCALE

0 60' 120'

SHEET TITLE

FEELEY
LAYOUT

DRAWING NO.

sk-

PROJECT NO. 715530

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REVISIONS		
NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	WJS
DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=80'-0"

GRAPHIC SCALE

0 80' 160'

SHEET TITLE

MALONE
LAYOUT

DRAWING NO.

sk–

PROJECT NO. 715530

Sudbury Athletic Fields Study — **Field Use Evaluation - Actual Demand (Scheduled Team Uses)**

	Sudbury User Demand Statistics							Sudbury Fields										
User Organization	**Number Teams**	**Number Participants**	**% Growth Last 5 Yrs**	**% Growth Next 5 Yrs**	**Season Start**	**Season End**	**Total Games / Practices**	Crime Lab Little League	Curtis Middle School Softball	Baseball	Cutting Field	Davis Field	Featherland Softball	Upper Little League	Little League 1	Little League 2	Little League 3	Feeley Upper Softball	Softball 1
Sudbury Gold AC Soccer Team	4	80	24.0%	15.0%	April	June	60				50								
					Sept	Nov	0												
Taco Wagon Ultimate Frisbee Team	1	25	same	same	Sept	Nov	20												
					March	May	100												
Boy's Youth Lacrosse	27	390	10.0%	10.0%	March	June	972												
							0												
Charles River Radio Controllers	1	100	None	Some	April	Nov	64					64							
							0												
Lincoln Sudbury Reg. High School	29	1000	stable	yes	Aug	Dec	342						40						
					March	June	0												
CMASS Rocket Club	1	60	constant	constant	Spring	Summer	2					2							
							0												
Sudbury Youth Football & Cheer	5	110	Steady	yes	Aug	Nov	195												
							0												
Sudbury Youth Soccer	205	2675	-1.0%	0.0%	Sept	Nov	1201.857143		40	40	350	230							
					April	June	0												
Sudbury Girls Softball	19	300	growing	growing	April	June	550		100									125	125
					June	Aug	0												
Sudbury Girls Lacrosse	12	225	10.0%	slower	March	June	190				100								
							0												
Sudbury Baseball	23	360	flat	yes			1050			200									
							0												
Little League							1145	60						250	175	200	250		
							0												
Adaptive Kids Soccer							0												
							0												
BSSC Adult Soccer							64		4		29								
							0												
Congregation Adult Softball							36		18				18						
							0												
Croart Lacrosse							5				5								
							0												
Curt Audin Men's Lacrosse							7				7								
							0												
EMASS Senior Softball							57											57	
							0												
James Bede Soccer							17				9								
							0												
BSSC Adult Softball							6		6										
							0												
NE Revolution Soccer Academy							6												
							0												
Special Olympics							7		7										
							0												
Stars of Mass Soccer							12				12								
							0												
Sudbury Blast Men's Soccer							12												
							0												
Women's Over 40 Soccer							4												
							0												
Sudbury United Women's Soccer							8		4										
							0												
Top Gun Lacrosse							3				3								
							0												
Men's Softball							281		53				228						
							0												
Middle School Baseball							8			8									
							60			60									
Middle School Softball							8		8										
							60		60										
Middle School Field Hockey							8		4	4									
							60		30	30									
Middle School Soccer Boys							8		4	4									
							60		30	30									
Middle School Soccer Girls							8		4	4									
							60		30	30									
Middle School Physical Education							260		130	130									
							0												
Middle School Intramurals							130		65	65									
							0												
Sudbury Womens Softball							53						7					20	18
							0												
School Recess / Phys. Education							432												
							0												
		5325	**Total Annual Team Uses per Field**				**7632**	**60**	**597**	**605**	**565**	**296**	**293**	**250**	**175**	**200**	**250**	**202**	**143**

		Nixon	Haskell		Haynes	Loring	LSRHS							Noyes		TI Sale
Softball 2	Baseball		Multi-Purpose Equal 7 Full Size Fields	Baseball			LS Turf 1	LS Turf 2	Common Turf	Softball Field	Varsity Baseball	JV Baseball	Natural Turf Rectangular	Little League 1	Little League 2	
			10													
																20 100
			972													
	12						120	120	50							
							75	75	45							
			470						72							
125										75						
			40				25		25							
	225			225							25	25		175	175	
		60				150										
			31													
			8													
			6													
			12													
			12													
			4													
			4													
8																
		108			108	108								54	54	
133	**237**	**168**	**1557**	**225**	**108**	**258**	**220**	**195**	**192**	**75**	**25**	**25**	**0**	**229**	**229**	**120**

Sudbury Athletic Fields Study — **Field Use Evaluation - Actual Demand (Scheduled Team Uses)**

	Sudbury User Demand Statistics							LSRHS Fields								
User Organization	**Number Teams**	**Number Participants**	**% Growth Last 5 Yrs**	**% Growth Next 5 Yrs**	**Season Start**	**Season End**	**Total Games / Practices**	LSRHS LS Turf 1	LS Turf 2	Common Turf Track	Natural Turf Rectangle	Softball Field	Baseball V	Baseball JV	Feely Baseball	Featherland Softball
Field Hockey V							50 8	50 8								
Field Hockey JV							50 8	50 8								
Field Hockey F							50 6							50 6		
Football V							55 8			55 8						
Football JV							55 8			55 8						
Football F							50 6				50 6					
Men's Soccer V							50 8		50 8							
Men's Soccer JV							50 8						50 8			
Men's Soccer F							50 8						25 8	25		
Women's Soccer V							50 8		50 8							
Women's Soccer JV							50 8						25 8	25		
Women's Soccer F							50 8						25 8	25		
Baseball V							55 10						15 3		40 7	
Baseball JV							55 10						15 3	40 7		
Baseball F							50 6							50 6		
Softball V							55 7					55 7				
Softball JV							50 6									50 6
Softball F							50 7					25 7				25
Men's Lacrosse V							50 9		50 9							
Men's Lacrosse JV							50 9						50 9			
Men's Lacrosse F							50 7						25 7	25		
Women's Lacrosse V							50 9	50 9								
Women's Lacrosse JV							50 9	50 9								
Women's Lacrosse F							50 7				50 7					
Track							50 6			50 6						
Boys Rugby							35 6			35 6						
Girls Rugby							35 6			35 6						
Physical Education							150 0	50	50	50						
Clinics / Camps / Capt. Practices							0 0									
Rugby							9 0	3		6						
Soccer							91 0	33	32	26						
Lacrosse							85 0	34	38	13						
Field Hockey							17 0	17								
Football							36 0	12		24						
		1000	**Total Annual Team Uses per Field**				**1939**	**383**	**295**	**383**	**113**	**94**	**284**	**259**	**47**	**81**

Sudbury Athletic Fields Study with Multiplier — **Field Use Evaluation - Actual Demand (Scheduled Team Uses)**

	Sudbury User Demand Statistics								Sudbury Fields											
User Organization	**Number Teams**	**Number Participants**	**Use Multiplier**	**% Growth Last 5 Yrs**	**% Growth Next 5 Yrs**	**Season Start**	**Season End**	**Total Games / Practices**	Crime Lab Little League	Curtis Middle School Softball	 Baseball	 Cutting Field	Davis Field	Featherland Softball	 Upper Little League	 Little League 1	 Little League 2	 Little League 3	Feeley Upper Softball	 Softball 1
Sudbury Gold AC Soccer Team	4	80	1.5	24.0%	15.0%	April	June	90				75								
						Sept	Nov	0												
Taco Wagon Ultimate Frisbee Team	1	25	0.75	same	same	Sept	Nov	15												
						March	May	75												
Boy's Youth Lacrosse	27	390	1.25	10.0%	10.0%	March	June	1215												
								0												
Charles River Radio Controllers	1	100	0.5	None	Some	April	Nov	32					32							
								0												
Lincoln Sudbury Reg. High School	29	1000	1	stable	yes	Aug	Dec	342						40						
						March	June	0												
CMASS Rocket Club	1	60	0.5	constant	constant	Spring	Summer	1					1							
								0												
Sudbury Youth Football & Cheer	5	110	1.5	Steady	yes	Aug	Nov	293												
								0												
Sudbury Youth Soccer	205	2675	1	-1.0%	0.0%	Sept	Nov	1202		40	40	350	230							
						April	June	0												
Sudbury Girls Softball	19	300	0.9	growing	growing	April	June	495		90									112.5	112.5
						June	Aug	0												
Sudbury Girls Lacrosse	12	225	1.5	10.0%	slower	March	June	215				100								
								0												
Sudbury Baseball	23	360	1	flat	yes			1050			200									
								0												
Little League			0.75					859	45						188	131	150	188		
								0												
Adaptive Kids Soccer			1					0												
								0												
BSSC Adult Soccer			1.75					112		7		50.75								
								0												
Congregation Adult Softball			0.9					32		16.2				16.2						
								0												
Croart Lacrosse			1.5					7.5				7.5								
								0												
Curt Audin Men's Lacrosse			1.5					11				10.5								
								0												
EMASS Senior Softball			0.9					51.3											51.3	
								0												
James Bede Soccer			1.25					21.3				11.25								
								0												
BSSC Adult Softball			0.9					5		5.4										
								0												
NE Revolution Soccer Academy			1.5					9												
								0												
Special Olympics			1					7		7										
								0												
Stars of Mass Soccer			1.5					18				18								
								0												
Sudbury Blast Men's Soccer			1.75					21												
								0												
Women's Over 40 Soccer			1.25					5												
								0												
Sudbury United Women's Soccer			1.25					10		5										
								0												
Top Gun Lacrosse			1.5					4.5				4.5								
								0												
Men's Softball			1					281		53				228						
								0												
Middle School Baseball			1					8			8									
								60			60									
Middle School Softball			0.9					7.2		7.2										
								54		54										
Middle School Field Hockey			1					8		4	4									
								60		30	30									
Middle School Soccer Boys			1.5					12		6	6									
								90		45	45									
Middle School Soccer Girls			1.25					10		5	5									
								75		37.5	37.5									
Middle School Physical Education			1					260		130	130									
								0												
Middle School Intramurals			1					130		65	65									
								0												
Sudbury Womens Softball			0.9					48						6.3					18	16.2
								0												
School Recess / Phys. Education			1					432												
								0												
		5325		**Total Annual Team Uses per Field**				**7733**	**45**	**607.3**	**630.5**	**627.5**	**263**	**290.5**	**187.5**	**131.25**	**150**	**187.5**	**181.8**	**128.7**

		Nixon	Haskell		Haynes	Loring	LSRHS							Noyes		TI Sale
Softball 2	Baseball		Multi-Purpose Equal 7 Full Size Fields	Baseball			LS Turf 1	LS Turf 2	Common Turf	Softball Field	Varsity Baseball	JV Baseball	Natural Turf Rectangular	Little League 1	Little League 2	
			15													
																15
			1215													75
	12						120	120	50							
							112.5	112.5	67.5							
			470						72							
112.5										67.5						
			40				37.5		37.5							
	225			225							25	25		175	175	
		45				112.5										
			54.25													
			10													
			9													
			21													
			21													
			5													
			5													
7.2																
		108			108	108								54	54	
119.7	**237**	**153**	**1844**	**225**	**108**	**220.5**	**270**	**232.5**	**227**	**67.5**	**25**	**25**	**0**	**229**	**229**	**90**

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Sudbury Youth Soccer

AGENCY POINT OF CONTACT INFORMATION:
NAME: Sandy Moore
ADDRESS: 90 Winsor Rd
Sudbury, MA 01776
PHONE: day 978 443-1321 night 978 443-1321
EMAIL: sudburysoccer@aol.com or admin@sudburysoccer.org

WHAT SPORT IS PLAYED: Soccer

WHAT IS THE GOVERNING BODY FOR RULES: MYSA (Mass Youth Soccer)
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): kindergarten – high school

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) mixed

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 2675

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? Spring shows a slight decline, in-line with SPS (Sudbury Public School) decline in enrollment. The Fall season decline is actually about 1%, well below the SPS enrollment drop.

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: Decline will likely level off as SPS enrollment does and new Academy Squad is increasing the numbers of 5th through 8th grade players.

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : Sept 1 TO: Nov 15
SEASON 2: FROM : April 1 TO: June 15
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: Preseason practices: Last week August; Cutting 25, Haskell 8; Last week March; Cutting 37

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 117 AVE. PLAYERS PER TEAM: see attached
SEASON 2: NO. TEAMS 88 AVE. PLAYERS PER TEAM: see attached

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?

SEASON 1: NO. GAMES__in-town 9/ BAYS 5___ NO. PRACTICES: in-town 10/ BAYS 20
SEASON 2: NO. GAMES__in-town 9/ BAYS 5___ NO. PRACTICES: in-town 10/ BAYS 20
(if applicable)

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.):__Monday-Friday 3:30-dark

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings):___Saturday 8:30-dark; Sunday 12:00-dark

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

1) __LSRHS Community Field_____, ___72_____
2) __Curtis _____, ___80_____
3) __Davis _____, __230_____
4) __Cutting _____, __350_____
5) __Haskell_____, __3289_____

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION___LSRHS Community Field_____
good

FIELD 2 NAME/LOCATION___Curtis_____
good

FIELD 3 NAME/LOCATION___Davis_____
Holes in playing field area making play dangerous.
Wet in the spring

FIELD 4 NAME/LOCATION___Cutting_____
good

FIELD 5 NAME/LOCATION___Haskell_____
Bare spots. Grass would benefit by having more field area to be able to rotate the fields from season to season.

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: No

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED?

Sudbury Soccer does not schedule evening events so has no direct need for lighted fields. However, the absence of lights at the Community Field could affect our ability to use the Community Field on Saturdays.

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF?

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1)

2)

3)

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Sudbury Youth Soccer

AGENCY POINT OF CONTACT INFORMATION:
NAME: Sandy Moore
ADDRESS: 90 Winsor Rd
Sudbury, MA 01776
PHONE: day 978 443-1321 night 978 443-1321
EMAIL: sudburysoccer@aol.com or admin@sudburysoccer.org

WHAT SPORT IS PLAYED: Soccer

WHAT IS THE GOVERNING BODY FOR RULES: MYSA (Mass Youth Soccer)
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): kindergarten – high school

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) mixed

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 2563

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? Spring shows a slight decline in line with SPS enrollment, while the Fall season are decline a 1%, well below the SPS enrollment drop.

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: Decline will likely level off as SPS does and new Academy Squad is increasing the numbers of 5th through 8th grade players.

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : Sept 1 TO: Nov 15
SEASON 2: FROM : April 1 TO: June 15
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: Preseason practices at Cutting (Fall/Spring) 25/40 ???

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 117 AVE. PLAYERS PER TEAM: 12
SEASON 2: NO. TEAMS 88 AVE. PLAYERS PER TEAM: 14
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?

SEASON 1: NO. GAMES 10 NO. PRACTICES: 20

SEASON 2: NO. GAMES 10 NO. PRACTICES: 20

(if applicable)

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): Monday-Friday 3:30-dark

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): Saturday 8:30am-dark; Sunday 12:00pm-dark

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

1) LSRHS Community Field, 32
2) Curtis, 112
3) Davis, 312
4) Cutting, 300
5) Haskell, 3020

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION LSRHS Community Field
good

FIELD 2 NAME/LOCATION Curtis
Good, drainage a slight problem and field gets heavy use from Middle school resulting in poor conditions late in the Fall season.

FIELD 3 NAME/LOCATION Davis
Holes in playing field area making play dangerous, fields do not drain well.

FIELD 4 NAME/LOCATION Cutting
good

FIELD 5 NAME/LOCATION___Haskell_____

Bare spots. Grass would benefit by having more field area to be able to rotate the fields from season to season.

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: No

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED?

Sudbury Soccer does not schedule evening events so has no direct need for lighted fields. However, the absence of lights at the Community Field could affect our ability to use the Community Field on Saturdays.

If additional lighted fields were available it would allow our teams to continue practicing the last two or three weeks of the Fall season when dusk starts around 5pm and limits our teams from practicing.

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF?

Currently turf fields fill a majority of our requirements. Additional field might assist in providing fields in the Spring when we compete with Boys and Girls Lacrosse programs for their use.

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Continued access to the same amount of field space in the Spring season.

2) Access to turf fields earlier in the season and during "off season".

3) Continued quality of grass fields

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Sudbury Girls Lacrosse

AGENCY POINT OF CONTACT INFORMATION:
NAME: Pam Griffin
ADDRESS: 7 Allene Avenue Sudbury, MA 01776
PHONE: day 508 night 982-2958
EMAIL: thegriffins@earthlink.net

WHAT SPORT IS PLAYED: Girls Lacrosse

WHAT IS THE GOVERNING BODY FOR RULES: U.S. Lacrosse
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): 1-8 Grades

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) Female

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 225

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? 10% + / year

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: slower

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : March TO: June
SEASON 2: FROM : _____ TO: _____
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: Yes - not many - Fall ball 1 field

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 12 AVE. PLAYERS PER TEAM: 20
SEASON 2: NO. TEAMS _____ AVE. PLAYERS PER TEAM: _____
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES 1 NO. PRACTICES: 2
SEASON 2: NO. GAMES _____ NO. PRACTICES: _____
(if applicable)

GALE

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): M-F 4:00 - 7:00 pm

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): Sundays - 10:00 - 4:00 pm

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

1 Cutting Field, 100
2 Haskell Field, 40
3 Community Field, 25
4 L-S Turf #1, 25

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION Excellent - Turf

FIELD 2 NAME/LOCATION Excellent - grass

FIELD 3 NAME/LOCATION " Turf

FIELD 4 NAME/LOCATION Very Good Turf

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

GALE

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: Mostly Good - Could use Cutting Field a little more.

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED? Yes + Yes. Cutting Field ~~E~~ and L-5 #1 & #2 Turf Fields.

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? Not sure we need more rectangular turf field - maybe Turf Baseball.

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Lighted fields - 10% - 15% more
2) Turf/grass field space.
3)

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: SUDBURY GOLD AC SOCCER TEAM

AGENCY POINT OF CONTACT INFORMATION:
NAME: PETER J BUXTON
ADDRESS: 19 CHANTICLEER ROAD, SUDBURY, MA 01776
PHONE: day 978-443-2818 night 978-443-2818
EMAIL: pjbsoccer@aol.com

WHAT SPORT IS PLAYED: SOCCER (Men)

WHAT IS THE GOVERNING BODY FOR RULES:
"The New England Over-The-Hill Soccer League"
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): Over 30, 40, 50, 58

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) Male

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: Approx. 4,600

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? 24%

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?:
Estimate. 15% increase—(New age groups "Over 65" , plus growth of new Teams)

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : April TO: June (10 weeks) plus play-offs and finals

SEASON 2: FROM : Sept TO: Nov. (10 weeks) plus play-offs and finals

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: Practices 2-3 weeks prior to games start but not all teams---approx. 50%

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?

SEASON 1: NO. TEAMS 240 (4) AVE. PLAYERS PER TEAM: 20
SEASON 2: NO. TEAMS 240 (4) AVE. PLAYERS PER TEAM: 20
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?

SEASON 1: NO. GAMES 10 NO. PRACTICES: 1-2

SEASON 2: NO. GAMES 10 NO. PRACTICES: 1-2

(if applicable)

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.):

Practices are not organized by the League. Various teams practice or have "pick-up" sessions in evenings after work (6 PM). Also. any time that field space is available on weekends

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): SUNDAY MORNINGS

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

CUTTING FIELD-50 EVENTS

HASKELL FIELD-10 EVENTS

make no sense.

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION CUTTING FIELD

CUTTING FIELD (TURF) IS EXCELLENT ON ALL TERMS LISTED ABOVE

FIELD 2 NAME/LOCATION HASKELL FIELD

HASKELL FIELD IS A HUGE GRASS AREA FOR VARIOUS SPORTS
THE MEN'S SOCCER FIELD IS GOOD BUT ADJACENT TO NEARBY FIELDS
BUT NOT PLAYABLE ON MEDIUM/HEAVY RAIN DAYS
(BALLS FROM OTHER FIELDS ARE SOMETIMES AN INTERFERENCE)

FIELD 3 NAME/LOCATION_____

FIELD 4 NAME/LOCATION_____

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?:

THE FIELDS ARE APPROX, 70% ADEQUATE IN AVAILABILITY FOR MORE GAMES AND PRACTICES.
HOWEVER, IF **MORE FIELDS** WERE ADDED, THEN **MORE TEAMS** WOULD COME FROM **OTHER TOWNS** TO USE SUDBURY FIELDS.
MANY SUDBURY FIELDS ARE ACCOMMODATING **OUT-OF-OWN** PLAYERS/TEAMS.
SUDBURY AND PARK/REC. **MUST DECIDE** IF THAT POLICY SHOULD CONTINUE AS A COST/BENEFIT ISSUE

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED?

YES....LIGHTED FIELDS WOULD BE A GOOD BENEFIT –ESPECIALLY FOR ADULTS WHO WORK DURING THE DAY.
A.RECOMMEND CUTTING FIELD TO BE LIGHTED
B. RECOMMEND 2 HIGH SCHOOL FIELDS BE LIGHTED
(ONE HIGH SCHOOL FIELD IS ALREADY LIGHTED)

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF?

SYNTHETIC FIELDS ARE EXCELLENT...THEY ARE USABLE IN RAINY WEATHER
4 FIELDS ARE SYNTHETIC TURF PRESENTLY (CUTTING+LSRHS)
ANY NEW FIELDS SHOULD BE SYNTHETIC

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) EVALUATE THE COST/BENEFIT OF BUILDING AND/OR ADDING FIELDS THAT WOULD BE **USED FOR OUT-OF TOWN PEOPLE**-THAT IS CRUCIAL

2) MAKE THE COORDINATION OF FIELDS MUCH MORE USABLE AND EFFICIENT IF **PARK/REC** AND **LSRHS** WOULD MELD THE REQUESTS FOR FIELDS. THERE ARE MANY INSTANCES WHEN FIELDS LAY IDLE.
3) ALSO, TELEPHONE/EMAIL CONTACTS BACK/FORTH BUILD A PROFESSIONAL/**COMBINED** SYSTEM (ELECTRONIC) THAT WOULD DO SCHEDULING MORE ACCURATELY/PROFESSIONALLY

PETER BUXTON 5/28/2012

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

Attn: Sean Boyd 5/15/12

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Lincoln Sudbury Reg High

AGENCY POINT OF CONTACT INFORMATION:
NAME: LSRHS - Nancy - O'Neil
ADDRESS: 390 Lincoln Rd
Sudbury Ma
PHONE: day 443-9961 night
EMAIL: nancy-o@lsrhs.net

WHAT SPORT IS PLAYED: lax, field hockey, football, soccer, softball, baseball, rugby

WHAT IS THE GOVERNING BODY FOR RULES: MIAA
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): High School

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) M/F/MIXED

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: app. 1,000

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? stable

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: Yes

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM: Aug 20 TO: DEC 1
SEASON 2: FROM: Mar 15 TO: JUNE 10
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: yes fields are in constant use

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 15 AVE. PLAYERS PER TEAM: 22
SEASON 2: NO. TEAMS 14 AVE. PLAYERS PER TEAM: 30
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES 20 NO. PRACTICES: 35
SEASON 2: NO. GAMES 20 NO. PRACTICES: 35
(if applicable)

GALE

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): Weekdays 3-5:30 Weekends 8-10 am

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): every day

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

LS Stadium - Community Field	50
LS Turf 1	120
LS Turf 2	120
Featherland softball	40
Feeley Baseball	12

makes no sense ?

Phys Ed ? Track ?

Clinics / [illegible] ?

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION Stadium Community

excellent

FIELD 2 NAME/LOCATION T1

excellent

FIELD 3 NAME/LOCATION T2

excellent

FIELD 4 NAME/LOCATION Featheland - Feeley

average

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

GALE

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: No - fields are readily available to LS teams

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED? yes - LS Lower turf
LS softball

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? We have what we need

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Capital Master Plan for replacement/maintenance of art. turf fields
2) Total refurbishing of LS softball field
3) Replacement of Community Field Lights

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

Atty: Sean Boyd

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Lincoln-Sudbury Boy's Youth Lacrosse

AGENCY POINT OF CONTACT INFORMATION:
NAME: Steven Hall
ADDRESS: 120 Pratts Mill Rd
Sudbury, MA 01776
PHONE: Cell: 508-735-4560
EMAIL: steven.hall4@verizon.net

WHAT SPORT IS PLAYED: Lacrosse

WHAT IS THE GOVERNING BODY FOR RULES: USLacrosse
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): K through 8th grades

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) male

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 390

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? +10% per yr

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: yes

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : March 15 TO: June 15
SEASON 2: FROM : TO:
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES:

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 26 AVE. PLAYERS PER TEAM: 15
SEASON 2: NO. TEAMS AVE. PLAYERS PER TEAM:
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES 15 NO. PRACTICES: 20
SEASON 2: NO. GAMES NO. PRACTICES:
(if applicable)

GALE

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): Monday-Friday 6 to 7:30 K,1st, 2nd Sundays 2 to 5

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): Saturdays and Sundays

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

_LS Turf 1_____, 70
_LS Turf 2_____, 60
_Comm Turf_____, 30
_Haskell _____, 40
_____,
_____,
_____,
_____,
_____,
_____,
_____,
_____,
_____,
_____,
_____,

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION_____

FIELD 2 NAME/LOCATION_____

FIELD 3 NAME/LOCATION_____

FIELD 4 NAME/LOCATION_____

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

GALE

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: Right now we have adequate fields as long as the use of the LS turf fields doesn't decrease.

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED? Yes, and the top priority should be the community field as it would benefit the most numbers of kids.

Coming?

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF?

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Continued use of LS turf facilities

2) Lights on the community field

3) Continued use of Haskell area at its current level

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

Sean T. Boyd

From: Paul Griffin [thegriffins@earthlink.net]
Sent: Sunday, July 29, 2012 10:00 PM
To: William J. Seymour; Sean T. Boyd
Cc: Nancy McShea
Subject: Sudbury Field Study Question

Hi Bill and Sean,

I'm hoping to have the numbers (and some clarification) for little league, babe ruth, american legion and youth football for you tomorrow or Tuesday.

I know we had some discrepancy with boys lacrosse numbers. One measure suggested approximately 250 usages for the season and one was in the 700 range. I've looked into it and the number is about 972 (27 teams x 4 events per week x 9 weeks.) Let's go with that for boys lax.

Thanks,

Paul

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Sudbury Youth Football & Cheer

AGENCY POINT OF CONTACT INFORMATION:
NAME: Ernie Yenke
ADDRESS: 48 thornberry lane
PHONE: day 508-878-2332 night 978-443-2197
EMAIL: eyenke@lighthousecs.com

WHAT SPORT IS PLAYED: football

WHAT IS THE GOVERNING BODY FOR RULES: American Youth Football

(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): Grade Based – 4th – 8th

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) Mixed

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 110

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? steady

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: yes

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : 8/6 TO: 11/15
SEASON 2: FROM : _____ TO: _____
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: One 2 dayClinic in Mid July

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 5 AVE. PLAYERS PER TEAM:19
SEASON 2: NO. TEAMS _____ AVE. PLAYERS PER TEAM: _____
(if applicable)

GALE

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?

SEASON 1: NO. GAMES 9 NO. PRACTICES: 30

SEASON 2: NO. GAMES _____ NO. PRACTICES: _____

(if applicable)

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): Summer – Mon – Thur 6:00-8:00 8/6-Labor Day 9/4 – 11/15 Tuesday and Thursday 6:00 – 8:00

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): Sunday 8:00 – 5:00 five games

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

LS Stadium Field and lower turf fields for practice LS Stadium Field for games _____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

9 / 5 / 45

30 / 5 / 150

200 events

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION _____

_____

_____

_____

FIELD 2 NAME/LOCATION _____

_____

_____

_____

FIELD 3 NAME/LOCATION _____

_____

FIELD 4 NAME/LOCATION_____

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: Weekday practices often start late due to HS practices and games

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED?

Lighted fields would be great

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF?

More turf fields would be great due to weather

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Field availability for practices

2) Lighthing for evening practices

3) More turf fields

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

Attn: Sean Boyd

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Charles River Radio Controllers

AGENCY POINT OF CONTACT INFORMATION:
NAME: Dick Wiliamson
ADDRESS: 21 Pendleton Road
Sudbury, MA 01776
PHONE: day 978-618-5475 night 978-618-5475
EMAIL: Williamson@alum.mit.edu

WHAT SPORT IS PLAYED: Flying radio-controlled model airplanes

WHAT IS THE GOVERNING BODY FOR RULES: Academy of Model Aeronautics

WHAT AGE GROUP(S): 10 to 85 years old

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) M

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 50 with an average of 10 using the field at any one time

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? No growth

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: A rise is anticipated as the economy improves and more hobbyists explore unmanned air vehicles.

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON: Flying is very weather dependent. Davis Field is used occasionally during the winter. From early April to late November, the field is used frequently when no youth sports are on the field.

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): Late afternoon and evenings, any day with decent weather.

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): Heaviest use is on weekend mornings, when available.

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):
Davis Field, year around

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

GALE

FIELD 1 NAME/LOCATION Davis Field, North Road. This field is the only one in Sudbury that is suitable for flying model airplanes. The large field combined with surrounding hay fields provides a large space free of trees. A mowed area for launching and landing planes is necessary. Although the field is often soggy, this condition does not hamper flying.

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: During spring, summer and fall, pilots would like to use the field every weekend. However, youth sports are usually given priority.

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED Our activity would not use lights.

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? Our activity would not be affected by artificial turf fields elsewhere in Sudbury. Artificial turf at Davis Field would be a negative for us because of the resulting increased demand for the field for sports other than model airplanes

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Continued access to Davis Field.

2) Scheduling of youth sports so as to allow for our use of Davis Field on weekends.

3) A fee structure that addresses our usage in a way that the club can afford.

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Sudbury Girls Softball

AGENCY POINT OF CONTACT INFORMATION:

NAME: Dianne Baxter
ADDRESS: 2 East St
Sudbury, MA 01776
PHONE: day 9784436034 night 9784436034
EMAIL: sudburysinger@yahoo.com

NAME: Nancy Kimble
ADDRESS: 12 Camperdown Lane
Sudbury, MA 01776
PHONE: (home) 978-443-5283 (cell) 978-460-5451
EMAIL: nanconkim@comcast.net

WHAT SPORT IS PLAYED: Softball

WHAT IS THE GOVERNING BODY FOR RULES: ASA
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): K-12th grade

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) F

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 300

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? Growing

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?:
Anticipating that we will continue to grow

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : April TO: June
SEASON 2: FROM : June TO: August
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: Fall clinics on the weekends (Sat or Sun) for 6-8 weeks

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 16 AVE. PLAYERS PER TEAM: 12

GALE

SEASON 2: NO. TEAMS 3 AVE. PLAYERS PER TEAM: 16
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES 10 NO. PRACTICES: 16+
SEASON 2: NO. GAMES 14 NO. PRACTICES: 14
(if applicable)

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): M – F 6-7:30; Sat 11-7

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): M-F 6-7:30; Sat 11-7

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

Curtis, 100
Feeley 1, 125
Feeley 2, 125
Upper Feeley, 125
Lincoln-Sudbury varsity field, 75

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION Curtis
Poor. Infield is only groomed once a week, if that, so grounders often take unexpected bounces. In addition, we often have to remove rocks from the infield. The infield dirt is very sandy, so in the summer, it is extremely dry and turns into a dustbowl. Outfield is in decent shape. Pitchers mound is too far back.

FIELD 2 NAME/LOCATION Feeley 1
Very poor. Left field and foul territory behind 3rd has large puddles after any rainfall. Infield same shape as Curtis. Pitchers mound is too far back. Infield usually has grass and weeds growing.

GALE

FIELD 3 NAME/LOCATION Feeley 2 and Upper Feeley

Poor. Infield is only groomed once a week, if that, so grounders often take unexpected bounces. Outfield is in decent shape. Pitchers mound is too far back. Feeley 2: outfield is significantly lower than the infield.

FIELD 4 NAME/LOCATION LS HS Varsity field

Awful. Very little grass in the outfield; most of it is clumps of crabgrass. The outfield grades significantly down, particularly in right. Infield is rarely groomed. Barely playable. In our summer travel league, we have had an opposing team refuse to play on this field for safety reasons.

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: Without the use of the LS softball field, we would have some significant issues. In addition, if our league were to expand by even one or two teams, we would have some space constraints.

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED?

No real need for lighted fields, though that would enhance our program to be able to offer a field in the evening for our summer program.

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? LS could be synthetic due to irrigation constraints, etc.

GALE

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) A safe, level playing field at LS. This is our number one priority. Our youth league and summer teams depend on this facility. Plus, a nice high school field would create a sense of pride in our younger athletes who aspire to playing on the high school team.

2) Permanent removal of weeds at all of the infields, perhaps facilitated by a better mix of infield materials -- more clay instead of sand/dirt? Not sure what would be ideal.

3) Better drainage at lower Feeley.

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY:CMASS Rocket Club

AGENCY POINT OF CONTACT INFORMATION:
NAME:_____Curtis Heisey_
ADDRESS:_____60 Blackmer Rd, Sudury
_____
PHONE: day 781-981-1223 978-443-9755 (eve)
EMAIL: _____

WHAT SPORT IS PLAYED:_____Rocket Club Public Launch

WHAT IS THE GOVERNING BODY FOR RULES:_____National Association of Rocketry
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S):_____5-80_____

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED)_Mixed

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS:__30-60

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS?_____Constant

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?:
_____Constant

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM :__Late Spring_____ TO:__Early Summer_____
SEASON 2: FROM :_____ TO:_____
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES:____N/A_____

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS_____N/A____ AVE. PLAYERS PER TEAM:_____
SEASON 2: NO. TEAMS_____ AVE. PLAYERS PER TEAM:_____
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES_____N/A_____ NO. PRACTICES:_____
SEASON 2: NO. GAMES_____ NO. PRACTICES:_____

(if applicable)

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.):_____N/A

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings):_____Sat or Sun 10-4

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

_____Davis Field_____, ____2__

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

_____, _____

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION_____All Excellent_

FIELD 2 NAME/LOCATION_____

FIELD 3 NAME/LOCATION_____

FIELD 4 NAME/LOCATION_____

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: Availablity is limited by sports events (of higher priority)

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED? No

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? No

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Cost of field use has gone too high

2) Availability

3)

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

Attn: Sean Boyd

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Taco Wagon Ultimate Frisbee Team

AGENCY POINT OF CONTACT INFORMATION:
NAME: Thepthai Tabtieng
ADDRESS: 45 Clark Lane
Sudbury, MA 01776
PHONE: day508-415-2860night 508-415-2860
EMAIL: tabtieng@yahoo.com

WHAT SPORT IS PLAYED: Ultimate Frisbee

WHAT IS THE GOVERNING BODY FOR RULES: USAUltimate
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): High School

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) Mixed

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 25

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? Same numbers

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: I suspect it should remains the same

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : September TO: November
SEASON 2: FROM : March TO: May
(if applicable)

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: No

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 1 AVE. PLAYERS PER TEAM:25
SEASON 2: NO. TEAMS 1 AVE. PLAYERS PER TEAM:25
(if applicable)

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES 4-5 NO. PRACTICES: 40-50
SEASON 2: NO. GAMES 15 NO. PRACTICES: 40-50
(if applicable)

GALE

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): Monday – Friday 3-5PM

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): Tuesday or Thursday 3-5PM

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

Ti-Sales, 100+

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION Ti-Sales

The field really needs better care and maintenance. A lot of bare spots and dirt. It needs to be aerated, reseeded, and some new top soil once in awhile.

FIELD 2 NAME/LOCATION

FIELD 3 NAME/LOCATION

FIELD 4 NAME/LOCATION

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

GALE

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: Current arrangement works well for our team with Ti-Sales.

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED?

We have no need for lighted fields.

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? I think more synthetic turf fields would be nice. It really helps when the weather is bad or when it is too wet to play on grass fields. But I hope we do not convert too many grass fields to turf.

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) Imrove Ti-Sales field condition.

2) Improve the entrance into Ti-Sales field from Hudson Rd.

3)

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENGY: Sudbury Baseball (Includes LSHS varsity and Legion)

AGENCY POINT OF CONTACT INFORMATION:
NAME: Scott McGavick
ADDRESS: 123 Longfellow RD
Sudbury
PHONE: day 978-808-9994 night 978-808-9994
EMAIL: s.mcgavick@comcast.net

WHAT SPORT IS PLAYED:Baseball

WHAT IS THE GOVERNING BODY FOR RULES: MIAA

WHAT AGE GROUP(S): 13-19

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED)_ mixed

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: Approx 360

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS?_Flat to slight increase

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: yes

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : April TO: June
SEASON 2: FROM : June TO: August
SEASON 3: FROM: September TO: November

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: NO

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 13 AVE. PLAYERS PER TEAM: 15
SEASON 2: NO. TEAMS 6 AVE. PLAYERS PER TEAM: 17
SEASON 3: NO. TEAMS 4 AVE. PLAYERS PER TEAM: 16

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES 16 ** NO. PRACTICES: 24
SEASON 2: NO. GAMES 21 ** NO. PRACTICES: 25
SEASON 3: NO. GAMES 8 NO. PRACTICES: 4
**note that this is all games played…some are played away at other towns

GALE

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.): M-F 530p-dark; Sat/Sun all day

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings):
M-F 5:30pm to dark; Sat/Sun all day

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):
Feeley Field , 225
Haskell field , 225
Curtis field 200 (also used by SLL T-Ball and Middle School team not included with these numbers)
LS fields (overflow only) 50

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION Feeley Field

- Below the water table, so significant drainage problems. Off line for extended time in the beginning of the season and during wet periods.
- Invested $12,000 in Sept 2011 to repair entire infield, and re-define outfield warning track and other field markers.
- Press Box façade MUST be repaired. Exterior is rotting.
- Foul ball screen must be replaced.
- P&R has stopped regular scarifying which is leading to grass growth in the infield and on baselines.
- Babe Ruth pays for a Porta-potty on premise with no bathrooms close by and complaints by Water department across the street.

FIELD 2 NAME/LOCATION Haskell field

- Infield must be repaired similar to the job done at Feeley last year.
- Babe Ruth has invested in a temporary outfield fence, new dugouts, manual scoreboard and a new batting cage. This was $12,000+ of investment.
- Infield is growing grass, and in fact P&R paid for third party to repair baselines this summer.
- Babe Ruth pays for Porta-potty with no bathrooms nearby and complaints from neighbors.
- Permanent fence is a near necessity going forward.

FIELD 3 NAME/LOCATION Curtis Middle School

- Shared with Curtis baseball team, and SLL T-Ball.
- No outfield fence makes it unsuitable for high-level leagues.
- Infield was overgrown with grass and P&R paid for a third party to repair this summer.
- Infield needs repair work similar to Feeley.

FIELD 4 NAME/LOCATION LS Baseball fields

- Used as overflow only.
- Not run by P&R, must get permission from AD for every event.
- LS Varsity plays all home games, and many practices, at Feeley field. They find LS fields unsuitable for high-level play.
- Not maintained in summer, not an option for any of our summer games.

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?

In General field availability is manageable, but it is entirely dependent on the condition of Feeley. When Feeley is off-line (and it is too frequently) we do not have enough fields. We have been in situations recently where our Sudbury teams had to play home games in other towns.

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED

Having a new field with lights would make a world of difference. In general adding lights to a field will not add a field slot. We cannot start games before 5:30pm, and we would not start a second game at 8pm. Lights would not be as valuable as a new, more drainage dependable 90 foot diamond field.

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF?

A turf field would certainly help with drainage. We have nearby towns that have a turf infield and grass outfield. However, we could not convert any existing field to turf unless it could be completed in the fall. We could not take any of our current fields off-line during the spring or summer as we have too much demand.

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) A new 90 foot baseball diamond

2) A permanent fence at Haskell field

3) Repairs to press box and screens at Feeley field.

Please see attached the proposal for a new field complex for Babe Ruth and Little League that has been presented to the Board of Selectmen, the CPC commission, the town planner, the DPW, the Park & Recreation commission and the Town manager.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: SUDBURY LITTLE LEAGUE

AGENCY POINT OF CONTACT INFORMATION:
NAME: **MIKE WALSH**
ADDRESS: **14 SAWMILL LANE**
SUDBURY, MA
PHONE: day **508.735.8165** night **SAME**
EMAIL: **mjw@walsh-associates.com**

WHAT SPORT IS PLAYED: **Baseball**

WHAT IS THE GOVERNING BODY FOR RULES: **National Little League**

(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): **Kindergarten through 6th grade with some 7th graders**

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) **Mixed**

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: **~900**

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? **Leveled off over the last few years**

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: **N/A**

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM: **April 1** TO: **Mid June**
SEASON 2: FROM: **Mid June** TO: **Mid August**
SEASON 3: FROM: **Early September** TO: **Mid October**

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: **Yes, Fall Ball, one day a week for 6 weeks Saturday after Labor Day through mid October**

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS **~80** AVE. PLAYERS PER TEAM: **11/12**
SEASON 2: NO. TEAMS **20** AVE. PLAYERS PER TEAM:
SEASON 3: NO. TEAMS **20**

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?

SEASON 1: NO. GAMES **12** NO. PRACTICES: **6**
SEASON 2: NO. GAMES **16** NO. PRACTICES: **12**
SEASON 3: NO. GAMES **6** NO. PRACTICES: **6**

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.);**Monday through Friday night, All Day Saturday and Sunday**

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings): **Monday through Friday night, All Day Saturday and Sunday**

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

Featherland Center ,250
Featherland Left ,250
Featherland Upper ,200
Featherland Right 175
Noyes 1 , 175
Noyes 2 , 175
Loring , 150
Crime Lab , 60
Nixon , 60
**We also use 3 fields in Lincoln , **

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION

In General the fields at Featherland are excellent and well maintained, all other fields are sub par and a safety hazard due to excess use by the schools. SLL spent $30K on Center and Left last fall and $5k on Noyes 2 years ago. We will spend more money this fall on Upper and Right at Featherland, spending money on the school fields is throwing money away.

FIELD 2 NAME/LOCATION

FIELD 3 NAME/LOCATION_____

FIELD 4 NAME/LOCATION_____

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: **YES! We need better and more fields. We only practice once a week due to field limits (you would be hard pressed to find another youth group in town that plays outdoors that practices only once a week), and with rainouts etc, teams can go WEEKS in the spring without practicing, that is unacceptable.**

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED? **If we could get new lights at Upper when softball is moved that would be great.**

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? **Baseball is meant to be played on grass, and while a synthetic field would be nice and would certainly help with drainage, we would not be in favor.**

AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1) **Simply Put, SLL needs better fields, we play on a number of sub par "baseball" fields**

2) **We need at a minimum 2 50/70 Diamonds, as this is the direction baseball is headed in this town and across the country.**

3) **We need to move men's softball off a little league complex, before someone gets seriously hurt. Not to mention that a number of recent public incidents don't fit the**

feel and setting of a little league complex. It is time. This would allow us to move forward with our plans to build 2 50/70 Diamonds

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.

GALE

TOWN OF SUDBURY
ATHLETIC FIELD MASTER PLANNING PROJECT

NAME OF USING AGENCY: Sudbury Women's Softball

AGENCY POINT OF CONTACT INFORMATION:
NAME: Anne McGrath
ADDRESS: 18 Partridge Lane
Sudbury, MA 01776
PHONE: day 978-239-6687 night 978-443-8395
EMAIL: amcgrath88@verizon.net

WHAT SPORT IS PLAYED: Softball

WHAT IS THE GOVERNING BODY FOR RULES: Amateur Softball Association (ASA)
(e.g. MIAA, American Legion, etc.)

WHAT AGE GROUP(S): 21+

WHAT IS THE SEX OF THE PARTICIPANTS (M/ F / MIXED) Female

WHAT IS THE TOTAL NUMBER OF PROGRAM PARTICIPANTS: 90

WHAT HAS BEEN THE GROWTH TREND IN THE PAST 5 YEARS? No Growth

WILL THE GROWTH TREND REMAIN CONSTANT IN THE NEXT 5 YEARS?: Yes

WHAT ARE START AND FINISH DATES FOR THE SEASON(S)?:
SEASON 1: FROM : April 12 TO: June 21
SEASON 2: FROM : June 21 TO: August 30
SEASON 3: FROM: September 6 TO: October 25

ARE THERE OUT-OF-SEASON WORKSHOPS OR CLINICS THAT REQUIRE FIELD SPACE?: EXPLAIN TYPE, NUMBER AND DATES: No

FOR EACH SEASON, WHAT ARE THE NUMER OF TEAMS FIELDED?
SEASON 1: NO. TEAMS 6 AVE. PLAYERS PER TEAM: 15
SEASON 2: NO. TEAMS 4 AVE. PLAYERS PER TEAM: 12
SEASON 3: NO. TEAMS 2 AVE. PLAYERS PER TEAM: 16

FOR EACH SEASON, WHAT IS THE AVERAGE NUMBER OF PRACTICES AND GAMES EACH TEAM WILL PARTICIPATE IN?
SEASON 1: NO. GAMES 8 NO. PRACTICES: 2
SEASON 2: NO. GAMES 10 NO. PRACTICES: 0
SEASON 3: NO. GAMES 7 NO. PRACTICES: 0

WHAT DAY OF THE WEEK AND TIME ARE PRACTICES TYPICALLY HELD? (e.g., Monday – Thursday at 3:00 p.m.):__Thursday 6:00 pm

WHAT DAY OF THE WEEK AND TIME ARE GAMES TYPICALLY HELD? (e.g., Saturday mornings):_____Thursday 6:00 pm

LIST EACH OF THE INDIVIDUAL FIELDS CURRENTLY USED BY YOUR PROGRAM EACH YEAR, AND THE **TOTAL** NUMBER OF TEAM EVENTS (PRACTICES, CLINIC OR GAMES) HELD EACH YEAR ON THAT FIELD (see the attached list of fields):

____Feeley #1_____18_events_____, _____
____Feeley #2_____8_events_____, _____
____Feeley #3_____20_events_____, _____
____Featherland Men's Softball Field 7 events__, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____
_____, _____

DESCRIBE THE GENERAL CONDITION OF EACH OF THE FIELDS YOUR PROGRAM USES IN TERMS OF MAINTENANCE, SERVICEABILITY, SAFETY, GEOMETRY, ETC.:

FIELD 1 NAME/LOCATION____Feeley #1_____
This field is in fair condition – infield has weeds growing near the edges close to the outfield. Very poor drainage so sometimes unusable in the spring when there are heavy rains.

FIELD 2 NAME/LOCATION____Feeley #2_____
This field is in fair condition. Very poor drainage so sometimes unusable in the spring when there are heavy rains.

FIELD 3 NAME/LOCATION___Feeley #3_____
This field is generally in good condition and maintained. However during the spring and summer, weeds start to grow on the outfield side of the infield dirt.

FIELD 4 NAME/LOCATION__Featherland Men's Softball Field____
This field is in very good condition and has lights so can be used in the evenings.

(PLEASE ATTACH A CONTINUATION SHEET IF YOUR PROGRAM USES MORE THAN THE 4 FIELDS DESCRIBED ABOVE)

DESCRIBE THE ADEQUACY (IN TERMS OF NUMBERS) AND AVAILABILITY OF THE FIELDS YOUR PROGRAM USES. IS FIELD AVAILABILITY A CONSTRAINT TO YOUR PROGRAM?: There are an adequate number of fields for our program.

WOULD ADDITIONAL LIGHTED FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL ADDITIONAL LIGHTED FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BE LIGHTED?
A regulation size women's softball field would enhance our program and allow us to play at night..

WOULD SYNTHETIC TURF FIELDS IN YOUR COMMUNITY ENHANCE FIELD AVAILABILITY? DO YOU FEEL SYNTHETIC TURF FIELDS ARE JUSTIFIED? IF SO, WHICH FIELDS IN PARTICULAR DO YOU RECOMMEND BECOME SYNTHETIC TURF? Turf fields would not enhance the Women's Softball program.

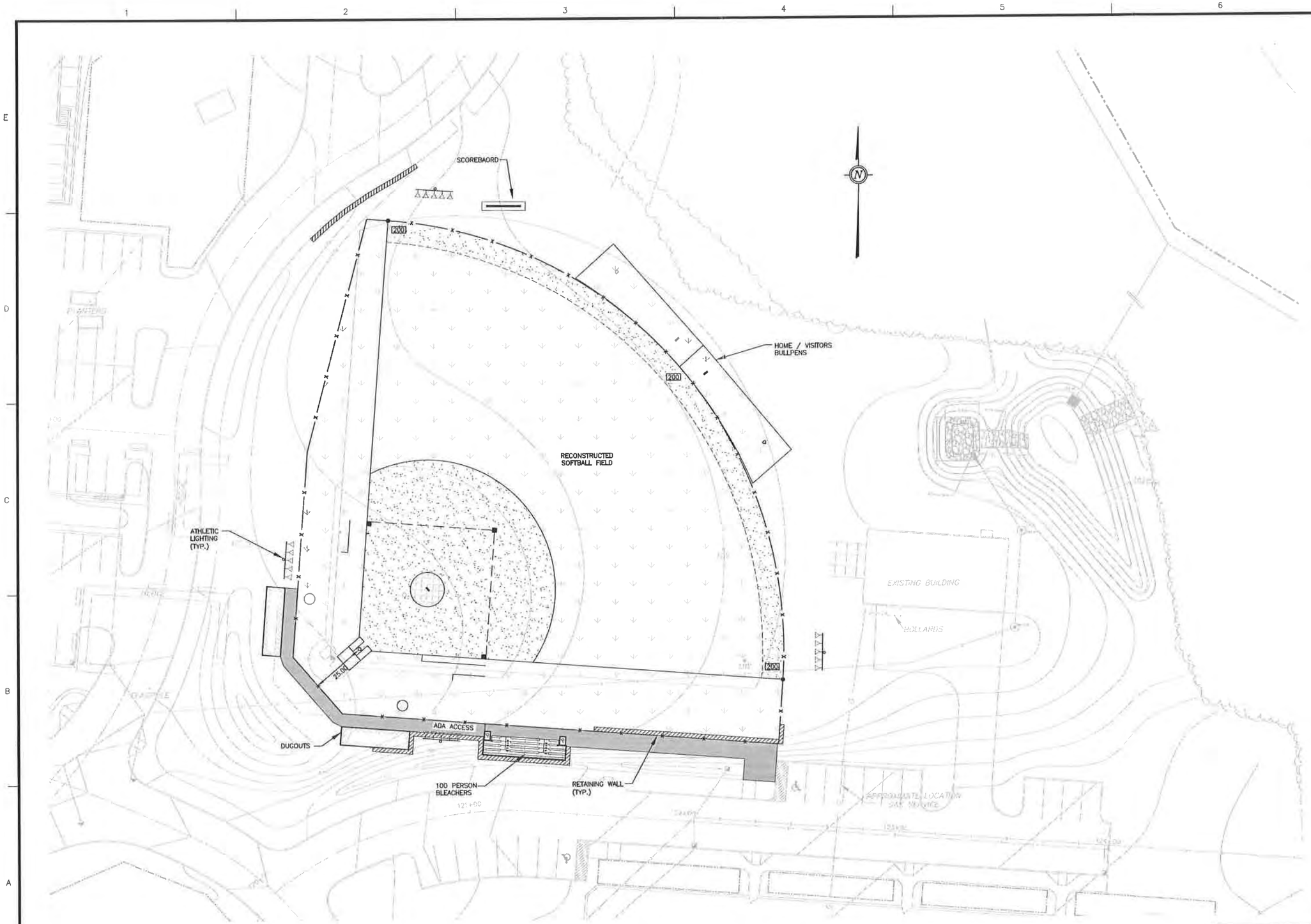
AS THE TOWN PREPARES A MASTER PLAN FOR ITS ATHLETIC FIELDS, WHAT ARE YOUR PROGRAM'S TOP 3 PRIORITY NEEDS THAT SHOULD BE ADDRESSED?

1)

2)

3)

THANK YOU FOR YOUR COOPERATION IN COMPLETING THIS QUESTIONNAIRE.



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PROJECT

TOWN OF SUDBURY UPDATED ATHLETIC NEEDS ASSESSMENT AND MASTER PLAN
SUDBURY, MA

OWNER

FRIENDS OF SUDBURY PARK & RECREATION
7 ALLENE AVENUE
SUDBURY, MA 01776

REVISIONS

NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	WJS
DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=20'-0"
GRAPHIC SCALE	

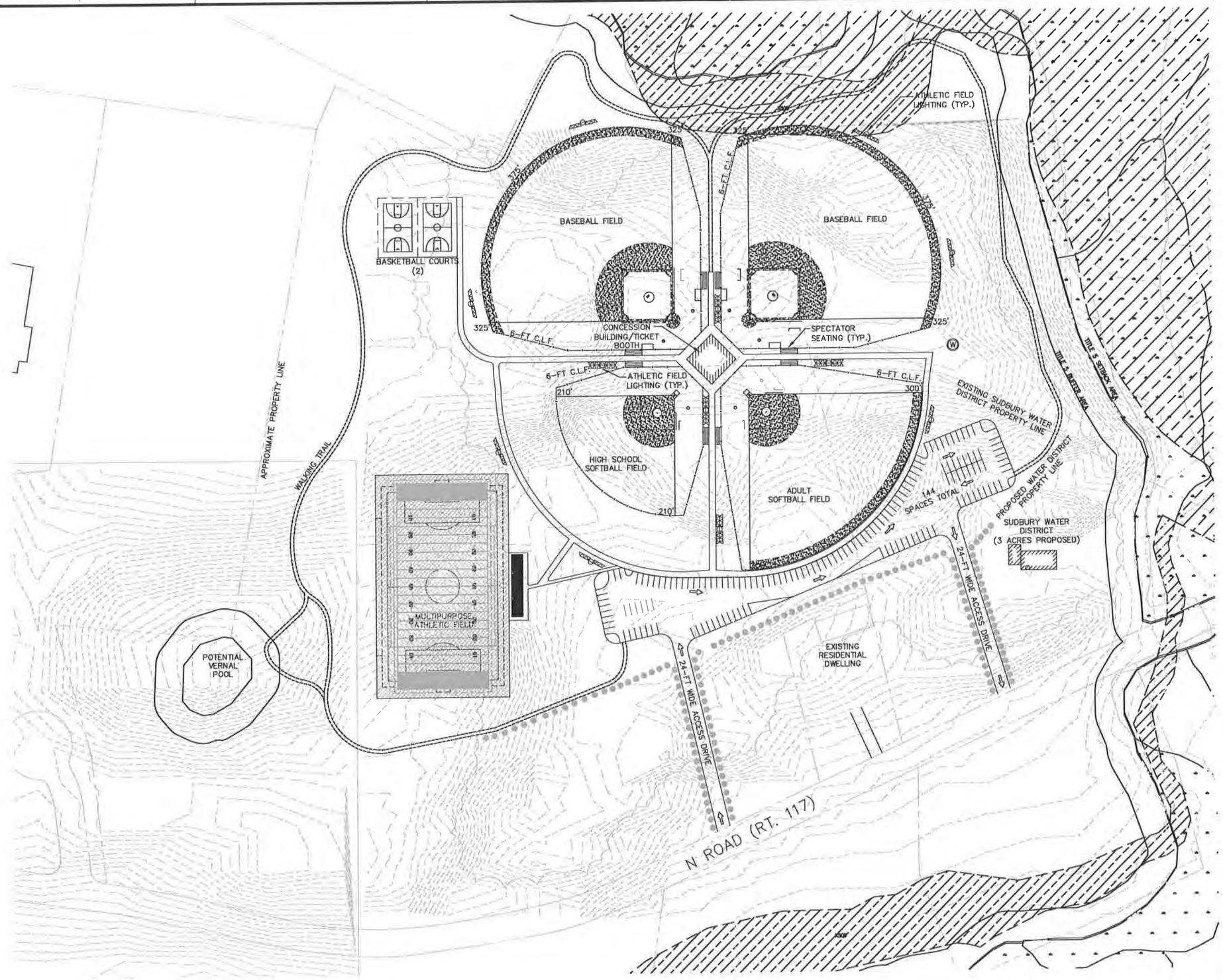
SHEET TITLE

SOFTBALL LAYOUT PLAN

DRAWING NO.

OPT-1

PROJECT NO. 715500



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DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=80'-0"

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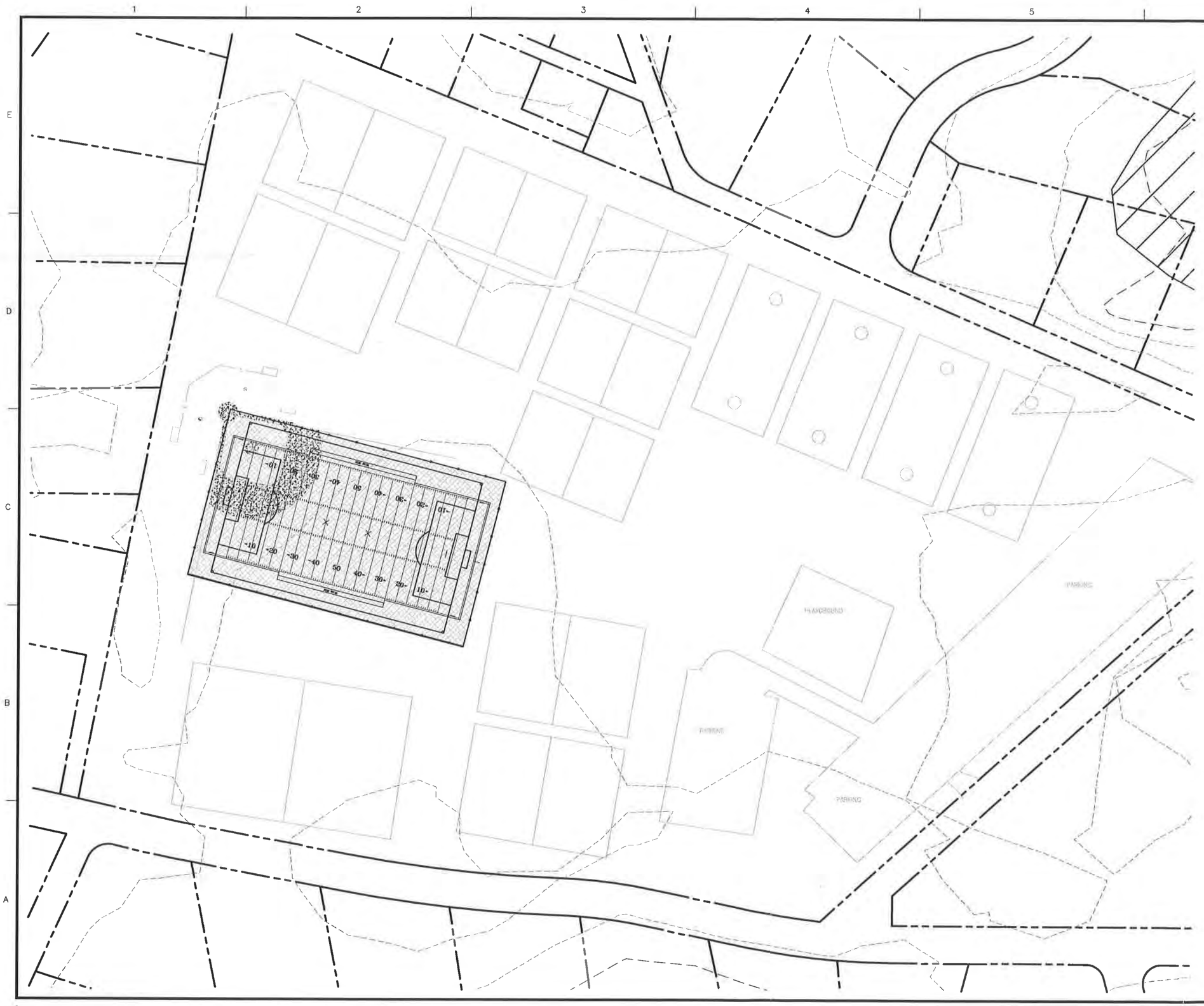
SHEET TITLE

MALONE
LAYOUT

DRAWING NO.

OPT-1

PROJECT NO. 715530



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DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=60'-0"

GRAPHIC SCALE
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SHEET TITLE
HASKELL LAYOUT

DRAWING NO.
OPT-1

PROJECT NO. 715530

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TITLE 5 BUFFER AREA

TITLE 5 SETBACK AREA

PONY BASEBALL FIELD

EXIST. BLDG.

TITLE 5 BUFFER AREA

TITLE 5 SETBACK AREA

SCHEMATIC

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GRAPHIC SCALE

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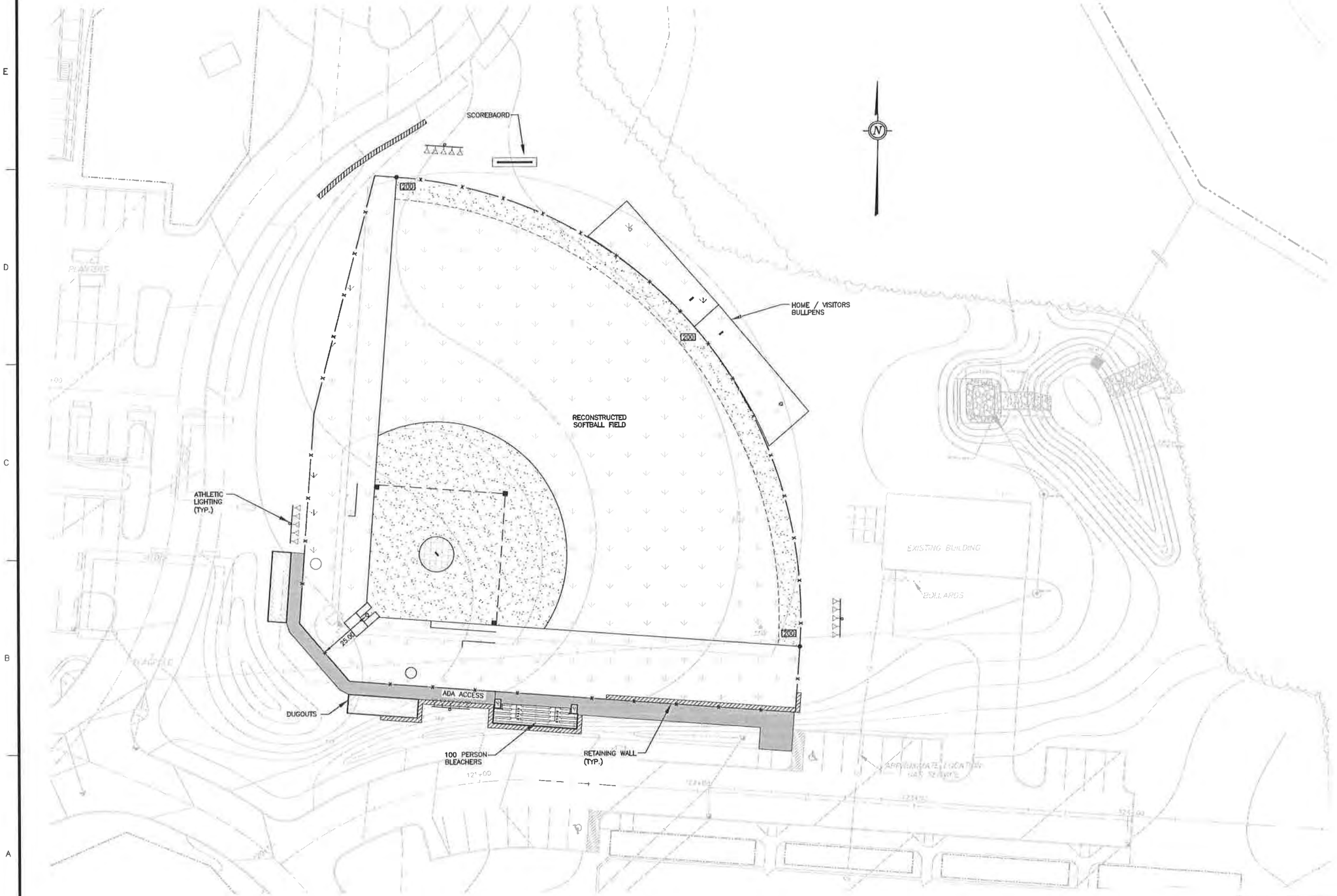
SHEET TITLE

FEATHERLAND
LAYOUT

DRAWING NO.

OPT-1

PROJECT NO. 715530



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DATE	SEPTEMBER 28, 2012
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GRAPHIC SCALE	

SHEET TITLE

SOFTBALL LAYOUT PLAN

DRAWING NO.

OPT-2

PROJECT NO. 715500

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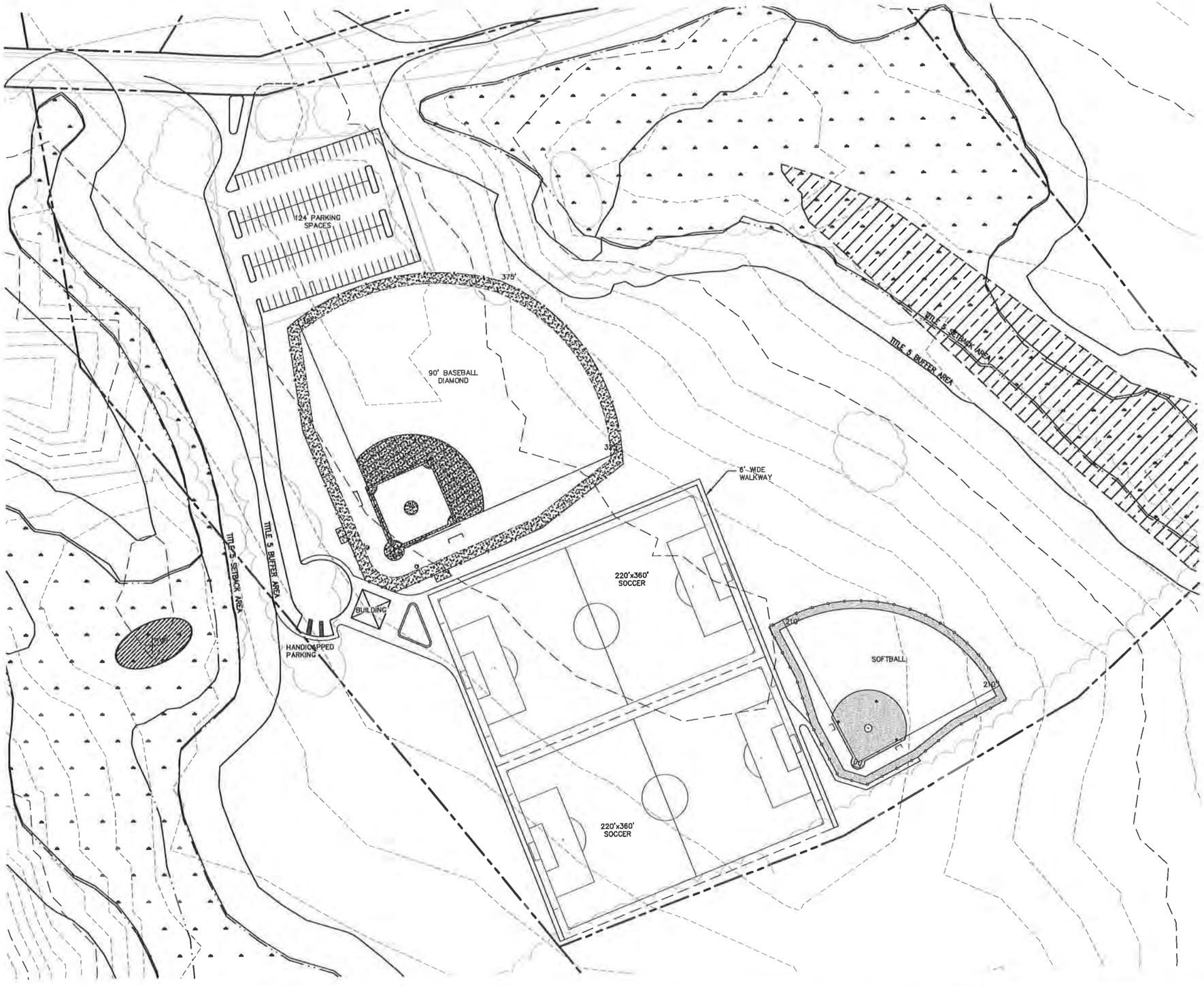

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DRAWING SCALE	1"=60'-0"

GRAPHIC SCALE
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SHEET TITLE
DAVIS LAYOUT

DRAWING NO.
OPT-2

PROJECT No. 715530

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GRAPHIC SCALE

0 60' 120'

SHEET TITLE

FEELEY
LAYOUT

DRAWING NO.

OPT-2

PROJECT NO. 715530

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PROJECT

TOWN OF SUDBURY UPDATED ATHLETIC NEEDS ASSESSMENT AND MASTER PLAN
SUDBURY, MA

OWNER

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SHEET TITLE

HASKELL
LAYOUT

DRAWING NO.

OPT-2

PROJECT NO. 715530

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SUDBURY, MA 01776

REVISIONS

NO.	DATE	DESCRIPTION

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DESIGNED BY	
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CHECKED BY	WJS
DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=60'-0"

GRAPHIC SCALE
0 60' 120'

SHEET TITLE
FEATHERLAND LAYOUT

DRAWING NO.
OPT-2
PROJECT NO. 715500

SCOREBOARD

HOME / VISITORS BULLPENS

RECONSTRUCTED SOFTBALL FIELD

ATHLETIC LIGHTING (TYP.)

DUGOUTS

ADA ACCESS

100 PERSON BLEACHERS

RETAINING WALL (TYP.)

EXISTING BUILDING

BOLLARDS

PLANTERS

SCHEMATIC

GALE

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Engineers and Planners

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Boston Baltimore Orlando San Francisco

PROJECT

TOWN OF SUDBURY UPDATED ATHLETIC NEEDS ASSESSMENT AND MASTER PLAN
SUDBURY, MA

OWNER

FRIENDS OF SUDBURY PARK & RECREATION
7 ALLENE AVENUE
SUDBURY, MA 01776

REVISIONS

NO.	DATE	DESCRIPTION

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DESIGNED BY	
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DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=20'-0"
GRAPHIC SCALE	

SHEET TITLE

SOFTBALL LAYOUT PLAN

DRAWING NO.

OPT-3

PROJECT NO. 715500

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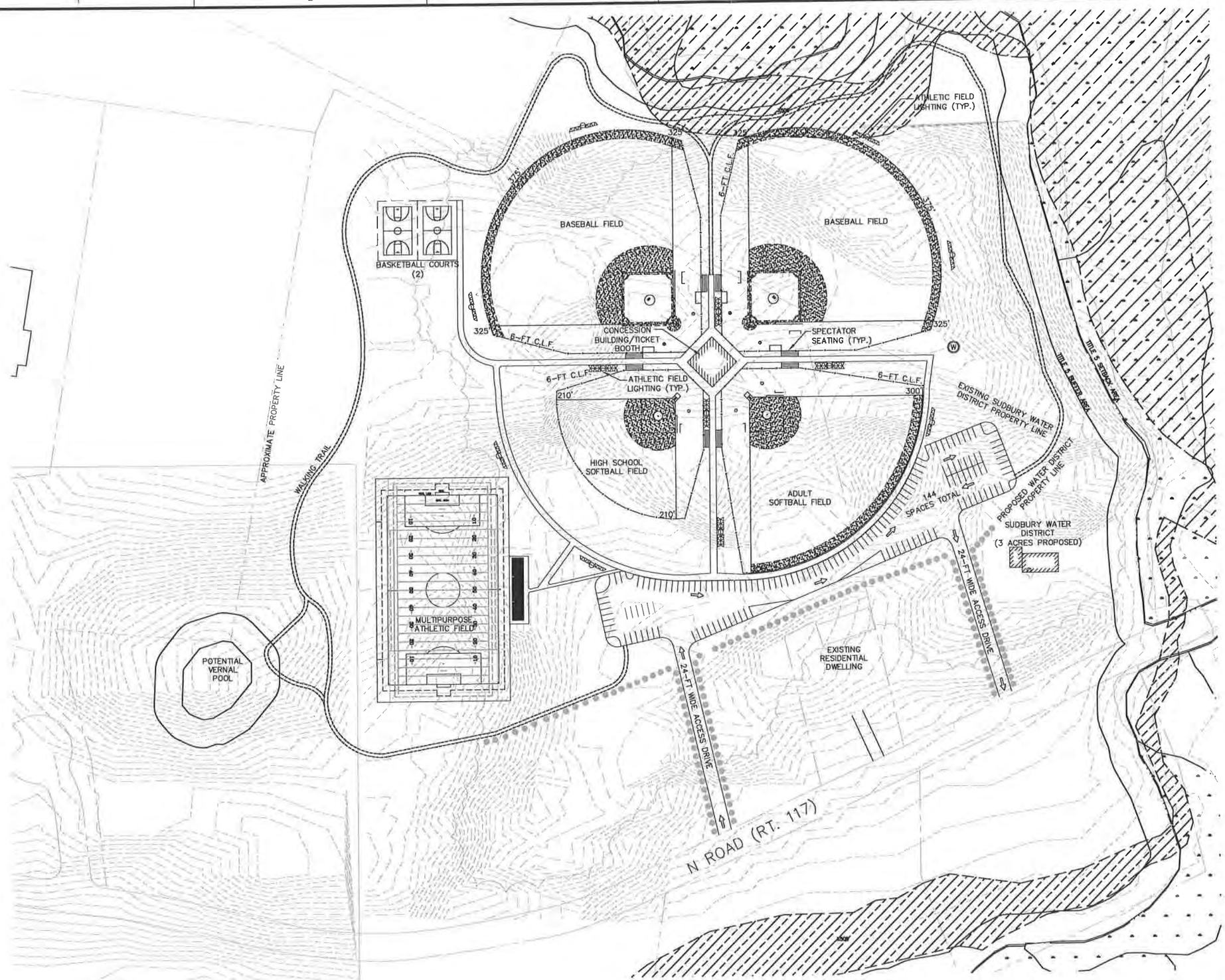

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REVISIONS

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DATE	SEPTEMBER 28, 2012
DRAWING SCALE	1"=80'-0"

GRAPHIC SCALE
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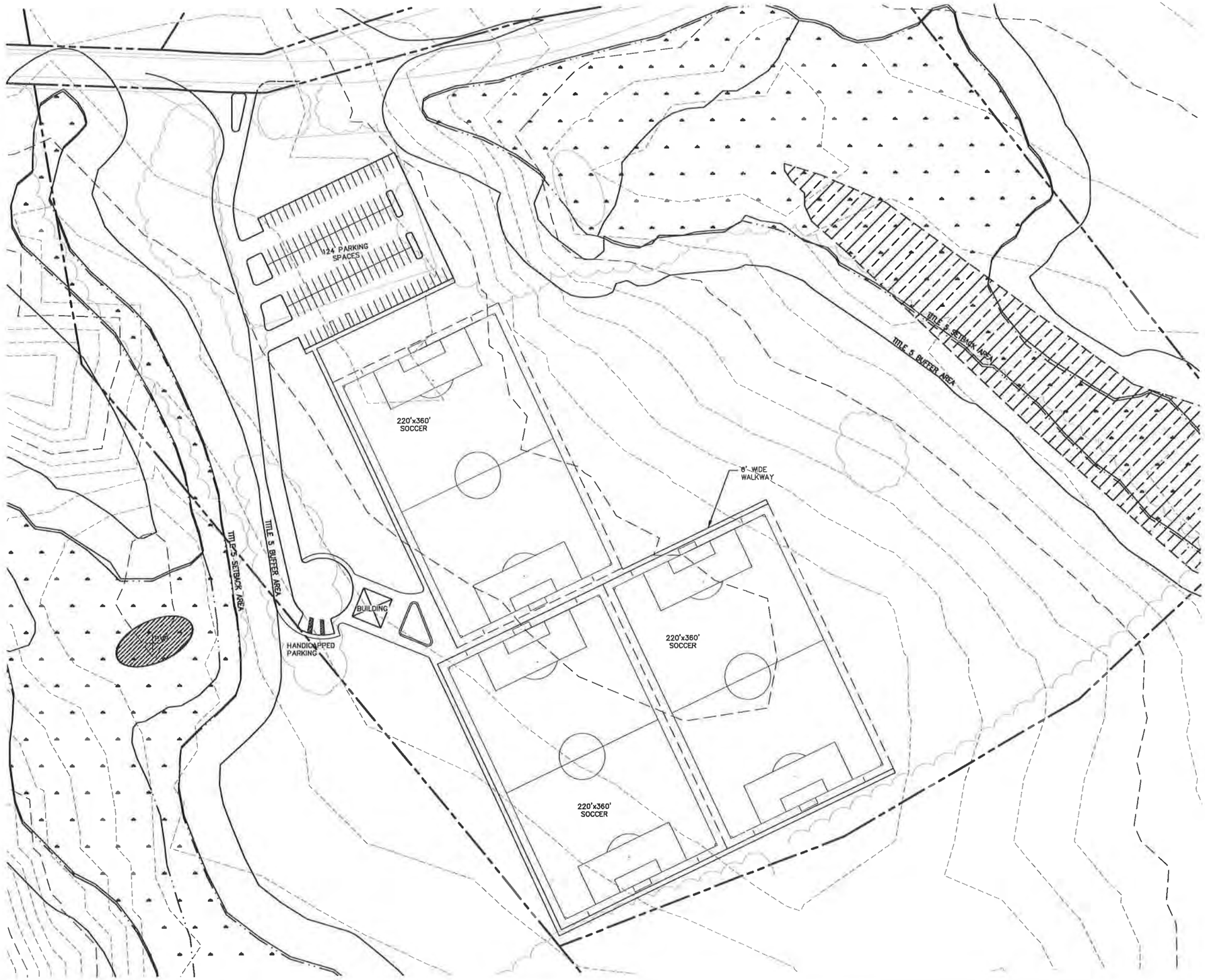
SHEET TITLE
MALONE LAYOUT

DRAWING NO.
OPT-3

PROJECT NO. 715530



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REVISIONS

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GRAPHIC SCALE

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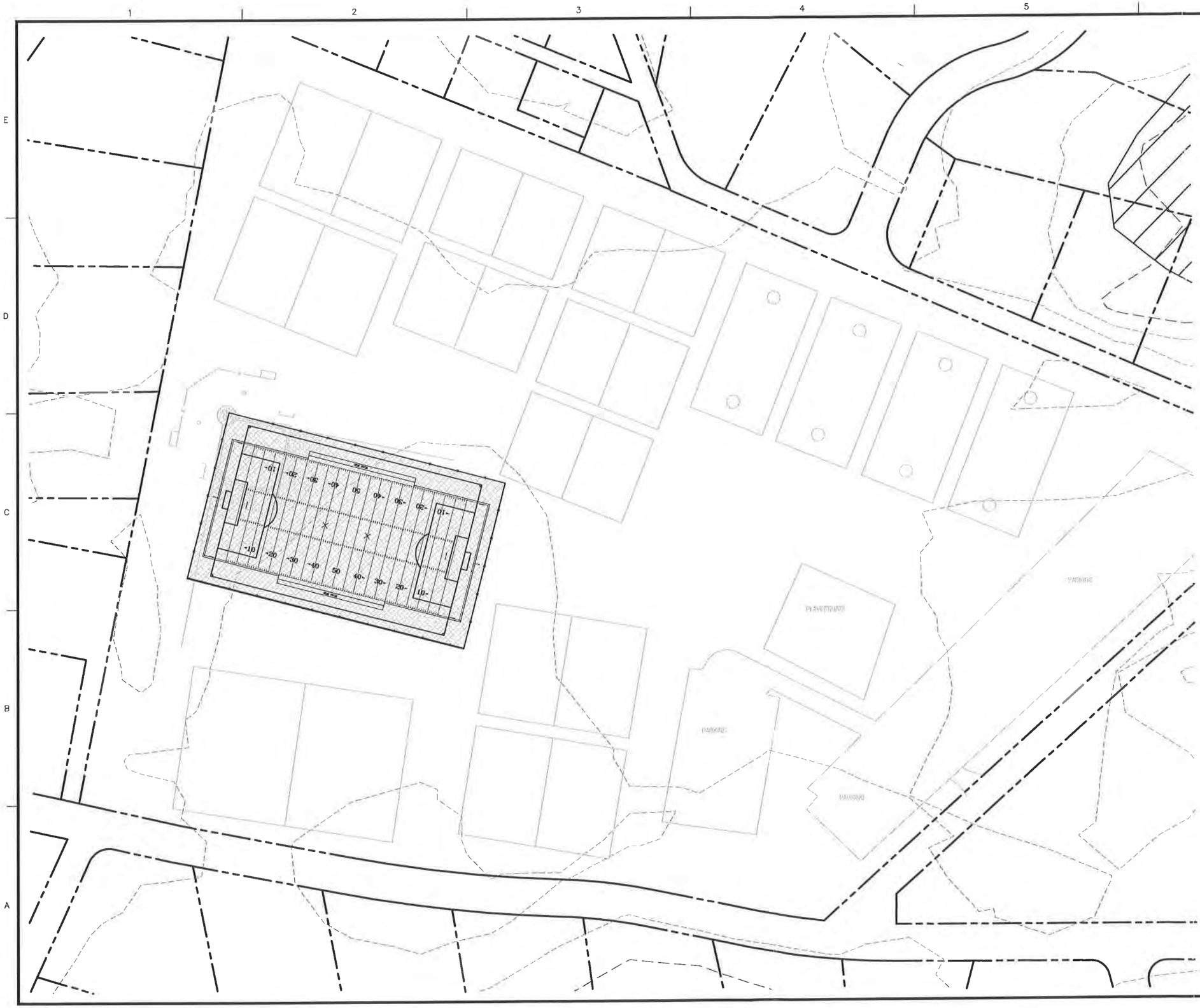
SHEET TITLE

DAVIS
LAYOUT

DRAWING NO.

OPT-3

PROJECT NO. 715530



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REVISIONS		
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GRAPHIC SCALE

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SHEET TITLE

HASKELL
LAYOUT

DRAWING NO.

OPT-3

PROJECT NO 715530

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PROJECT
TOWN OF SUDBURY UPDATED ATHLETIC NEEDS ASSESSMENT AND MASTER PLAN
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DRAWING SCALE	1"=60'-0"

GRAPHIC SCALE
0 60' 120'

SHEET TITLE
FEATHERLAND LAYOUT

DRAWING NO.
OPT-3
PROJECT NO. 715530

FIELD USE ANNUAL SUMMARY - ACTUAL USES v PROPOSED - REDEVELOPMENT OPTION 1						
Field Location	**Field**	**Field Type**	**Total Annual Uses**	**Proposed Uses**	**Proposed Field Designation**	**Comments**
Crime Lab Field	Field 1	LL*	**60**	**0**	**Removed**	**Geometry Issues**
Cutting Field	Field 2	MPR (synthetic)	**565**	**565**	**Same**	
Davis Field	Field 3	MPR	**296**	**225**	**Same**	
Curtis Middle School	Field 4	90' B/MPR	**605**	**236**	**Same**	
	Field 5	Softball / MPR	**597**	**214**	**Same**	
Featherland	Field 6	LL Upper	**250**	**229**	**Same**	
	Field 7	LL 1*	**175**	**0**	**Removed**	**Geometry Issues**
	Field 8	LL 2	**200**	**229**	**Same**	
	Field 9	LL 3	**250**	**229**	**Same**	
	Field 10	Softball	**374**	**229**	**New 80' Little League Field**	
Feeley	Field 11	Softball Upper	**202**	**206**	**Same**	
	Field 12	Softball 1	**143**	**206**	**Same**	**Conflicts with Softball 2**
	Field 13	Softball 2	**133**	**0**	**Removed**	**Conflicts with Softball 1**
	Field 14	90' B	**284**	**227**	**Same**	
Nixon	Field 15	LL	**168**	**108**	**Recess Only**	**Very Poor Condition**
Haskell	Field 16	90' Baseball	**225**	**0**	**Removed**	
	Field 17-23	MPR (7 full-size)	**1557**	**1857**	**New MPR Field**	
Haynes	Field 24	LL/MPR	**108**	**108**	**Recess Only**	
Loring	Field 25	LL*	**258**	**54**	**Recess Only**	**Geometry Issues**
	Field 26	Youth MPR* (90'x140')	**0**	**54**	**Recess Only**	**Very Poor Condition**
LSRHS	Field 27	Turf 1 (MPR)	**603**	**603**	**New Lights**	
	Field 28	Turf 2 (MPR)	**490**	**490**	**Same**	
	Field 29	Community Turf (MPR)	**575**	**600**	**Same**	
	Field 30	MPR	**113**	**225**	**Same**	
	Field 31	Softball*	**169**	**206**	**Reconstructed**	**Very Poor Condition**
	Field 32	90' B/ MPR	**309**	**250**	**Same**	
	Field 33	90' B / MPR	**284**	**250**	**Same**	
Noyes	Field 34	LL	**229**	**229**	**New Outfield Fencing**	**Short Outfield**
	Field 35	LL	**229**	**108**	**Recess Only**	**Short Outfield**
Ti-Sales	Field 36	MPR*	**120**	**120**	**Same**	**Limited Access**
Melone	Field 37	MPR*		**650**	**New MPR**	
	Field 38	90' B		**226**	**New 90' Baseball**	
	Field 39	90' B		**226**	**New 90' Baseball**	
	Field 40	Softball		**206**	**New Softball**	
	Field 41	Softball		**206**	**New Softball**	
		Total	9571	9571		

B = Baseball/Softball

MPR = Multipurpose Rectangular

LL = Little League Field

FIELD USE ANNUAL SUMMARY - ACTUAL USES v PROPOSED - REDEVELOPMENT OPTION 2						
Field Location	**Field**	**Field Type**	**Total Annual Uses**	**Proposed Uses**	**Proposed Field Designation**	**Comments**
Crime Lab Field	Field 1	LL*	**60**	**0**	**removed**	**Geometry Issues**
Cutting Field	Field 2	MPR (synthetic)	**565**	**565**	**Same**	
Davis Field	Field 3	MPR	**296**	**250**	**Reconstructed MPR**	
	Field 37	MPR		**250**	**New MPR**	
	Field 38	90' B		**225**	**New 90' baseball**	
	Field 39	Softball		**208**	**New Softball**	
Curtis Middle School	Field 4	90' B/MPR	**605**	**250**	**Same**	
	Field 5	Softball / MPR	**597**	**250**	**Same**	
Featherland	Field 6	LL Upper	**250**	**229**	**Same**	
	Field 7	LL 1*	**175**	**0**	**Removed**	**Geometry Issues**
	Field 8	LL 2	**200**	**229**	**Same**	
	Field 9	LL 3	**250**	**229**	**Same**	
	Field 10	Softball	**374**	**229**	**New 80' Little League Field**	
Feeley	Field 11	Softball Upper	**202**	**208**	**Same**	
	Field 12	Softball 1	**143**	**208**	**Reconfigured**	**Conflicts with Softball 2**
	Field 13	Softball 2	**133**	**208**	**Reconfigured**	**Conflicts with Softball 1**
	Field 14	90' B	**284**	**600**	**New synthetic turf baseball**	
Nixon	Field 15	LL	**168**	**108**	**Recess Only**	**Very Poor Condition**
Haskell	Field 16	90' Baseball	**225**	**0**	**Relocated**	
	Field 17-23	MPR (7 full-size)	**1557**	**1996**	**New MPR Field**	
Haynes	Field 24	LL/MPR	**108**	**108**	**Removed**	
Loring	Field 25	LL*	**258**	**54**	**Recess Only**	**Geometry Issues**
	Field 26	Youth MPR* (90'x140')	**0**	**54**	**Recess Only**	**Very Poor Condition**
LSRHS	Field 27	Turf 1 (MPR)	**603**	**603**	**Same**	
	Field 28	Turf 2 (MPR)	**490**	**490**	**Same**	
	Field 29	Community Turf (MPR)	**575**	**607**	**New lights**	
	Field 30	MPR	**113**	**250**	**Same**	
	Field 31	Softball*	**169**	**206**	**Reconstructed**	**Very Poor Condition**
	Field 32	90' B/ MPR	**309**	**250**	**Same**	
	Field 33	90' B / MPR	**284**	**250**	**Same**	
Noyes	Field 34	LL	**229**	**229**	**New Outfield Fencing**	**Short Outfield**
	Field 35	LL	**229**	**108**	**Recess Only**	**Short Outfield**
Ti-Sales	Field 36	MPR*	**120**	**120**	**Same**	**Limited Access**
		Total	9571	9571		

B = Baseball/Softball

MPR = Multipurpose Rectangular

LL = Little League Field

FIELD USE ANNUAL SUMMARY - ACTUAL USES v PROPOSED - REDEVELOPMENT OPTION 3						
Field Location	**Field**	**Field Type**	**Total Annual Uses**	**Proposed Uses**	**Proposed Field Designation**	**Comments**
Crime Lab Field	Field 1	LL*	**60**	**0**	**Removed**	**Geometry Issues**
Cutting Field	Field 2	MPR (synthetic)	**565**	**565**	**Same**	
Davis Field	Field 3	MPR	**296**	**230**	**Reconstructed MPR**	
	Field 42	MPR		**230**	**New MPR**	
	Field 43	MPR		**226**	**New MPR**	
Curtis Middle School	Field 4	90' B/MPR	**605**	**225**	**Same**	
	Field 5	Softball / MPR	**597**	**225**	**Same**	
Featherland	Field 6	LL Upper	**250**	**229**	**Same**	
	Field 7	LL 1*	**175**	**0**	**Removed**	**Geometry Issues**
	Field 8	LL 2	**200**	**229**	**Same**	
	Field 9	LL 3	**250**	**229**	**Same**	
	Field 10	Softball	**374**	**229**	**New 70' LL**	
Feeley	Field 11	Softball Upper	**202**	**208**	**Same**	
	Field 12	Softball 1	**143**	**208**	**Same**	**Conflicts with Softball 2**
	Field 13	Softball 2	**133**	**0**	**Removed**	**Conflicts with softball 1**
	Field 14	90' B	**284**	**226**	**Same**	
Nixon	Field 15	LL	**168**	**108**	**Recess Only**	**Very Poor Condition**
Haskell	Field 16	90' Baseball	**225**	**0**	**Relocated**	
	Field 17-23	MPR (7 full-size)	**1557**	**1860**	**New MPR Field**	
Haynes	Field 24	LL/MPR	**108**	**108**	**Recess Only**	
Loring	Field 25	LL*	**258**	**54**	**Recess Only**	**Geometry Issues**
	Field 26	Youth MPR* (90'x140')	**0**	**54**	**Recess Only**	**Very Poor Condition**
LSRHS	Field 27	Turf 1 (MPR)	**603**	**603**	**Same**	
	Field 28	Turf 2 (MPR)	**490**	**490**	**Same**	
	Field 29	Community Turf (MPR)	**575**	**597**	**New Lights**	
	Field 30	MPR	**113**	**230**	**Same**	
	Field 31	Softball*	**169**	**208**	**Reconstructed**	**Very Poor Condition**
	Field 32	90' B/ MPR	**309**	**226**	**Same**	
	Field 33	90' B / MPR	**284**	**226**	**Same**	
Noyes	Field 34	LL	**229**	**229**	**New Outfield Fencing**	**Short Outfield**
	Field 35	LL	**229**	**108**	**Recess Only**	**Short Outfield**
Ti-Sales	Field 36	MPR*	**120**	**120**	**Same**	**Limited Access**
Melone	Field 37	MPR*		**225**	**New MPR Field**	
	Field 38	90' B		**226**	**New 90' baseball**	
	Field 39	90' B		**226**	**New 90' baseball**	
	Field 40	Softball		**207**	**New Softball**	
	Field 41	Softball		**207**	**New Softball**	
		Total	9571	9571		

B = Baseball/Softball

MPR = Multipurpose Rectangular

LL = Little League Field

SAMPLE INCLEMENT WEATHER POLICY

PURPOSE

Town athletic fields are designed and maintained for the enjoyment and use of all residents. The purpose of this policy is to inform the public of certain rules and restrictions for fields to (1) prevent damage to the playing surface and (2) injuries to field users caused by inclement weather or unsafe playing conditions. An effective field maintenance program and inclement weather closure policy is essential for safety, upkeep, and enjoyment for all residents and visitors.

Field users are asked to help us by adhering to the following rules and procedures. Groups who use Town athletic facilities are expected to assist in protecting their participants and the fields during periods of rain and other inclement weather. **With respect to field quality, it only takes one practice or game to destroy a field that is not ready for play.**

POLICY

The Department of Recreation reserves the right to cancel or suspend outdoor facility and field use, including uses subject to an issued permit, for games, practices and other uses whenever field conditions might result in damage to the fields or injury to players.

Permits may also be cancelled when the health or safety of participants is threatened due to existing or predicted conditions, including but not limited to heavy rains, thunderstorms, and air quality alerts.

It is the field user's responsibility to visit the Recreation Department homepage at or call the Recreation Weather Hotline at (XXX) XXX-XXXX after 2:30 p.m. Monday-Friday or after 7:30 a.m. Saturday and Sunday to verify field closures. Closed fields may not be used.

The Recreation Department enforces field closure notices, and if groups are found using closed fields, the permit holder may be charged for the cost to repair the field. Additionally, if the Department determines that a permit holder has violated the field closure notice on multiple occasions, the entirety of their permit may be revoked and that organization's or group's ability to acquire future permits shall be under review.

PROCESS

The Department of Recreation uses various resources to get the most accurate conditions report at a particular site. These resources include coaches, Town employees, referees, and umpires. Information may be collected from one or more of these sources prior to a decision to close a field. Once the decision is made, the hotline and Recreation Department homepage are updated.

Weather is very difficult to predict. To assist with closure decisions, the Department utilizes weather forecasts from various sources. However, the Department reserves the right to close a field when a determination is made that use might cause damage or injury.

Please use the breakdown below as a general guide for which fields are closed

Rain

Artificial Turf – Open until conditions become unsafe for play

Natural Turf – Closed

- Note: Fields may be offline for multiple days in order for the field to completely dry-out and return to a playable condition.

Thunderstorm

Artificial Turf – Closed until storm passes (unless field becomes saturated)

- On-site umpires or referees allowed to make reopening call

Natural Turf – Closed (may reopen)

- Reopening dependant on amount of rainfall, the Recreation Department will make determination.

Snow or Ice

Artificial Turf – Please refer to the Recreation Department website or weather hotline to determine the status of artificial fields after snowfall.

Natural Turf – Closed

Softball Field Evaluation and Master Planning Report Lincoln Sudbury Regional High School Sudbury, MA

June 15, 2012

table of contents

enclosures

Gale JN 715530

Gale Associates, Inc.

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Lincoln Sudbury Regional High School
Softball Field Evaluation and Master Planning Report

Section 1.0 - Introduction, Background and Purpose

In April 2012, Gale Associates, Inc. (Gale) was engaged by the Friends of Lincoln Sudbury Softball (FOLSS) to assist the organization with the evaluation and master planning for the renovation of the existing softball field at Lincoln Sudbury Regional High School (LSRHS). The field is located at LSRHS, just east of the main parking lot and north of the school's entrance (see Aerial Photo at Enclosure 1).

The current softball facility is generally in poor condition and presents a number of significant safety concerns. The outfield's prevailing grades are unacceptable and are a safety hazard, particularly along the right field line. Lack of irrigation and a poorly constructed root zone have resulted in inadequate root growth, which has led to areas devoid of turf. The poor condition of the softball field is inconsistent with the high standards maintained at other LSRHS facilities.

Gale completed an on-site field evaluation of the softball field (see Field Evaluation Data Sheet at Enclosure 2). This report documents the findings of this evaluation and provides recommendations to improve the current field condition.

Section 2.0 - Field Assessments- Methodology

Gale staff visited the softball field, on May 7, 2012, and completed a standard field evaluation form (see Enclosure 2). As part of the evaluation, Gale reviewed each specific area of the softball field, took photographs and determined measurements, as required to assess geometric compliance with applicable standards.

The assessment was performed using accepted industry standards and guidelines. The National Federation State High School Associations (NFHS) and Massachusetts Interscholastic Athletic Association (MIAA) guidelines were followed in the evaluation of the softball field layout and equipment. Similarly, the Architectural Access Board Guidelines were used to assess ADA compliance.

The field was also evaluated for serviceability (i.e. are systems and equipment in good repair, meeting the intended purpose, etc.) and safety. The findings within each functional area are categorized as they relate to the safety, serviceability and accessibility of the field components.

Section 3.0 - Field Assessment Results

The Field Evaluation Data Sheet documents the general condition of the field. Additionally, Gale has compiled a listing of the more noticeable areas of concern throughout the softball field. They are summarized as follows:

- Geometry
  - The current geometry is acceptable and meets MIAA and NFHS regulations (see Enclosure 6 for the applicable standards). The existing dimensions are as follows:
    Right Field = 200'
    Center Field = 200'
    Left Field = 200'
    To Backstop = 25'

- Planarity
  - The prevailing grades throughout the outfield do not meet MIAA and NFHS regulations, which typically slope away from the infield at 1.25% - 1.5%.
  - The drop off in grade along the right field line is approximately 3-4 feet and is an extreme safety hazard.

- Playing Surfaces
  - The outfield turf is in poor condition, with weak growth density and areas devoid of turf. It is unsafe for use.
  - There are large areas of insect infestation.
  - The infield clay is overly compacted.
  - There is no irrigation system.
  - There is a noticeable lip between the infield skinned surface and the outfield grass surface.

- Accessibility
  - The current facility does not have ADA access.
  - Facility parking is located to the south and west of the field.
  - Handicap parking is located to the south of the field and it meets spatial, grade, marking and signage standards. However, it is without an accessible route to the following:
    - Players Benches
    - Spectator Seating
    - Playing Field

- Safety
  - The current slope of the outfield provides a major safety concern.
  - There is no fencing along the foul pole lines.
  - The field lip is unacceptable.
  - The turf condition results in tripping hazards and lack of shock attenuation.

- Amenities
  - The scoreboard located in center field is in fair condition.
  - The only power located on site is to the scoreboard.
  - Spectator seating is portable and located on adjacent sidewalk. They accommodate approximately 50 spectators.
  - There is no formal landscape entrance statement.
  - Facility storage is located in lockable boxes behind the backstop.
  - There is no public address system.
  - There is no athletic lighting.
  - There are no formal dugouts.
  - The players' benches are aluminum and are located on concrete pads behind a 6' chain link fence.
  - The foul poles are in good condition.
  - The rubbers/bases are in fair condition.

Overall, the field is in poor condition and presents safety hazards in some areas. There is a lack of turf growth throughout the outfield and the current grade issues pose a major safety concern. As described below, a complete reconstruction will provide solutions to all of the current issues.

Section 4.0 - Redevelopment Strategy

Master Plan Strategy. The goal of this master plan is to provide the FOLSS with recommendations to improve the softball facility and provide details as to how the improvements can become a reality.

General. At Enclosures 3 and 4, respectively, please find a Proposed Layout Plan and a Schematic Grading Plan for the proposed softball facility improvements. A complete renovation of the facility is proposed and will result in safer playing conditions, a field more consistent with other LSRHS fields, as well as a field that better meets the needs of the LSRHS softball program.

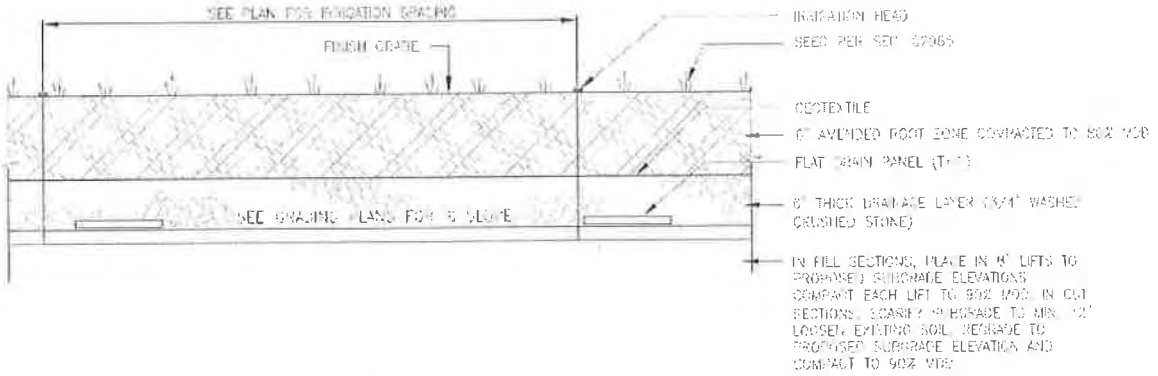
Improving Planarity. The most outstanding safety concern/shortfall of the softball facility consists of the prevailing grades throughout the outfield. A typical softball field slopes away from the pitcher's mound in all directions, at approximately 1.25%-1.5%. This allows for stormwater runoff to escape the playing area, while it does not affect the play of the game. At LSRHS, the current grades throughout the outfield are approximately 2%-4%.

The solution is to remove the topsoil and re-grade the sub-grade in order to achieve the recommended planarity. The first step will be the construction of two retaining walls, one along the southern foul line and one in the northwest corner of the field. The field will then be re-graded at roughly 1.25%, as shown on the Schematic Grading Plan. This will require removal and replacement of the outfield fencing at the final grades.

Playing Surfaces. The current quality of the outfield turf is poor, with a poorly constructed root zone, large areas of weeds and insect infestation. This results in areas devoid of turf and an inconsistent playing surface. The infield clay appears to be over compacted which results in poor drainage and poor ball response.

Given that the softball field root zone will be completely removed due to the re-grading that must take place, Gale recommends reconstructing the entire field. The first step of this reconstruction is to install the drainage layer. A sub-surface drainage system, which consists of flat panel drains and a stone base layer, collects storm water runoff and directs it away from the field. Constructed on top of the drainage layer is a 6"-8" (on average) sand-based, amended root zone. Refer to Fig. 1 for a natural turf athletic field base construction cross section.

Figure 1: Natural Turf Athletic Field Base Construction



The sand based root zone, with proper growing time and maintenance, will provide the players with a consistent and safe playing surface. The amended root zone should be double slice, seeded with a select athletic field seed mix for cool weather grasses of the latest Kentucky blue grass mix. The contractor should be responsible for full grow-in through the second cutting. At Enclosure 5, you will find an example of a natural turf specification which specifies seeding, fertilizing and growing time.

A new infield mix consisting of 60% sand, 20% silt, and 20% clay is proposed. This mixture allows for proper drainage, which prevents over compaction and works well in a New England environment.

Irrigation. The existing facility lacks irrigation. The reconstruction of the field with a new, engineered root zone should include the installation of full irrigation. The proposed system should use heads and controllers of the same type used elsewhere on campus (e.g. Toro, Hunter, etc.). The water supply should be from the existing well located to the south of the existing two synthetic turf fields. The approximate length of the run to tie into the existing well is 1600' and this routing will likely require design and wetlands permitting. The new irrigation system will require a power supply and a cabinet to house the controller and a typical eight-zone Schematic Irrigation Plan is provided in Enclosure 3.

Meeting ADA Accessibility. The existing layout of the field does not meet current ADA accessibility regulations, which require ADA access to spectator seating and the playing field.

The proposed retaining wall along the southern foul line will not only provide a solution for the prevailing grades, but will also bring ADA access to the field and spectator seating. As shown on the Proposed Layout Plan, an accessible route is proposed from the existing handicap parking, located to the south of the field, to the visitor's dugout. This also brings ADA access to the proposed bleacher system. The seating itself must be ADA accessible, with chair parking bays or seats at a transfer elevation. Other site amenities must also be accessible (e.g. drinking fountains).

Athletic Lighting. The current field is not lit and play is limited. The provision of athletic lighting extends the hours of play, effectively doubling the capacity of the field. This potentially allows for use by other community groups.

The athletic lighting proposed consists of a four (4) pole system, incorporating MUSCO Light Structure Green. This is the industry standard for the limiting of site glare and light impacts. The schematic design at Enclosure 8 provides for four (4), maximum 70-foot poles, each with three to five (3-5) fixtures. This provides, on average, illumination of 30-50 foot candles, which is adequate for softball play. The approximate cost of the system is $180,000, including required upgrades to the electrical service.

Site Amenities. Incorporated into the reconstruction of the softball field and represented under Future Site Improvements, beyond the base project cost estimate, are a number of site amenities, to include the following (*see Enclosure 8 for selected catalog cuts for typical amenities):

- Typical High School Level Daktronics Scoreboard*
- 4' High, 9 Gauge, Black Vinyl Perimeter Fencing With Safety Cap
- Visitors / Home Bullpens Constructed Behind Center Field
- 16' High, 9 Gauge, Black Vinyl Backstop*
- Sportsfield Specialties Covered Dugouts*
- Landscape Entrance & Signage
- 10' x 10' Storage Shed On Concrete Pad
- 100 Person Aluminum Bleachers*
- Electrical Services
- One (1) 40' x 40' restrooms/concessions building (on-site waste treatment is available and can be utilized as part of this improvement)

Permitting Requirements. The improvements, as proposed above for the LSRHS softball field, will likely involve minor permitting due to the routing of the new irrigation line. This line will most likely be within the 100' buffer of existing wetlands and require the filing of a permit application with the local conservation commission.

Pre-Design Cost Estimates. At Enclosure 7, you will find a detailed cost estimate. As reflected therein, we concluded that a complete reconstruction of the field, excluding lighting and a number of site amenities, is estimated to cost $278,833. This cost includes soft costs, which represent engineering, surveying, geotechnical services, etc. Along with a number of site amenities represented as Future Site Improvements, is an alternate line item for athletic lighting for an estimated cost of $180,000. These estimates are approximations and more detailed construction cost estimates will be prepared with the detailed design of the facility.

Phasing Plan. The first phase, Phase One, should include the full reconstruction of the field itself. With the full reconstruction of the field to resolve grade and turf issues, there are several master plan elements that should logically be included, such as irrigation, conduit for future lighting and side line fencing. The cost of the initial project is approximately $278,833.

Phase Two should include various amenities, such as formal dugouts, scoreboard, seating, public address system, water fountains, bullpens, batting tunnel and ADA access improvements. The cost of each of these amenities is represented under Future Site Improvements in the cost estimate provided at Enclosure 7.

The proposed athletic lighting could be treated as a stand alone phase, as funding becomes available. As noted previously, the cost of the proposed athletic lighting is approximately $180,000.

Section 5.0 - Summary

Gale's findings are that the LSRHS Softball Field is in poor condition, with areas devoid of turf and inadequate grades throughout the outfield. This results in a venue which is unsafe for student athletes and in desperate need of repair. If properly designed, procured and reconstructed, the softball field has the potential to be a desired venue throughout the region and will not recede to the current condition it is in today.

As a result of this study, the Friends of Lincoln Sudbury Softball have a Master Plan for the softball field redevelopment that will, when implemented, result in a state-of-the-art softball field that conforms to current rules and regulations and provides a safe venue for student athletes.

42°23'50.88" N 71°22'46.00" W elev 171 ft
©2013 Google
15 m

GALE

Gale Athletic &
Recreation Group

FIELD EVALUATION
DATA SHEET

Date: 5/7/12

Facility Name: Lincoln Sudbury High School

Field: Softball Field

Type: Softball

Facilities Manager/Director:

Kevin Rossley

Address:

390 Lincoln Road

City: Sudbury **State:** Massachusetts **Zip:** 01776

Phone: 978-443-9961 x2371 **Fax:** 978-443-8824

Email:

Kevin_rossley@lsrhs.net

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

	Yes	No	Attached
1. Design Plans and Specifications			
2. As-Built Drawings			
3. Site Plan Sketches	x		
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)?

No environmental sensitive areas are present.

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

North – Woodlands / School Parking Lot
South – Tennis Courts / Lincoln Street / Residential Homes
West – School Parking lot / School Buildings
East – Existing Boiler Building / Woodlands / Residential Homes

B. Photo Documents (Insert pertinent photos here):

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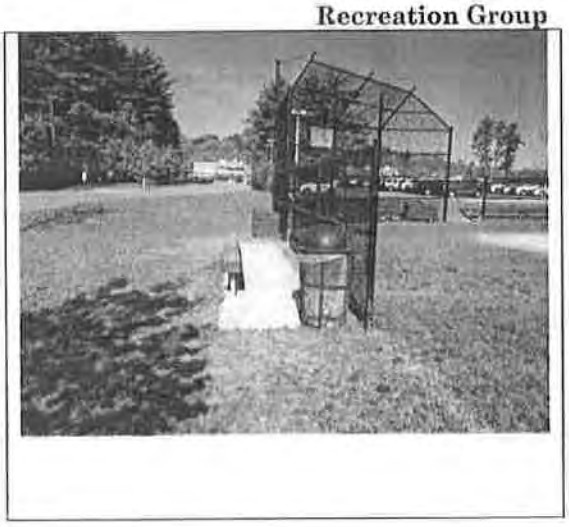


C. Geometry Evaluation:

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 Level Softball

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

   Outfield Fence Distance = 200'
   Distance to Backstop from Home Plate = 25'

D. Evaluation of Field Sub Systems and Equipment:

1. Irrigation: **No**
2. Does the field have existing drainage? **No Formal Drainage**
3. Sports Lighting **No**
4. Fencing
   a. 4' Black Vinyl Fencing with yellow plastic cap for the outfield fence is in good condition.
   b. Black Vinyl Fencing for the backstop and dugouts protection in good condition.
5. Ancillary Equipment (describe general conditions):
   a. pitchers mound and rubber - Yes in Fair Condition

b. bases and home plate - Yes in Fair Condition

c. Score boards – All American Scoreboard located in center field in Fair Condition. Foundation appears to be concrete footings supporting a wooden frame.

d. back stop - Black Vinyl Fencing in good condition

e. dug out(s) - Concrete Pads behind Black Vinyl Fencing

f. P.A. system – Not Present

g. spectator seating - Portable Seating located in on adjacent sidewalk

h. flag pole – not Present

i. player benches – aluminum benches in fair condition

j. goals/goal posts – N/A

k. field marking/striping – Softball

l. parking facilities - School Parking facilities surround site on 2 sides

m. site accessibility - No ADA Access to field

n. site safety - Prevailing grades are a major safety concern

o. Site buildings (list type and general assessment only) - Softball Field Does not have its on supporting facility. The site uses school buildings.

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:

Awaiting Results

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

Outfield turf is in poor condition with weak growth and areas devoid of turf due to insect manifestation. Clay infield is over compacted.

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

4. Describe the overall appearance of the field:

Overall facility needs maintenance and repairs to playing surfaces. Outfield grades need to be addressed and resolved.

5. Were root zone samples taken with Geoprobe? Yes 2 Samples Taken

If yes were samples sent for testing Yes (see attached)
(If yes, attach results and recommendations)

F. Field Use History/Demand

1. Who are the primary uses of this field, when is their season, and how many games and practices does each requires?

User	Dates	#games/# practices
Softball	Spring Season	

2. Who schedules events on this facility? (include phone number) _____

3. Is there any type of a break between seasons? **Yes**

4. Are there polices set forth to protect the fields when conditions warrant? **Yes or No**

4a. If yes, please list the policy below or attach _____

4b. Who enforces the policies? _____

5. Is the field used for other non-game activities? **No**

6. Is the field used for another sport activity? **No**

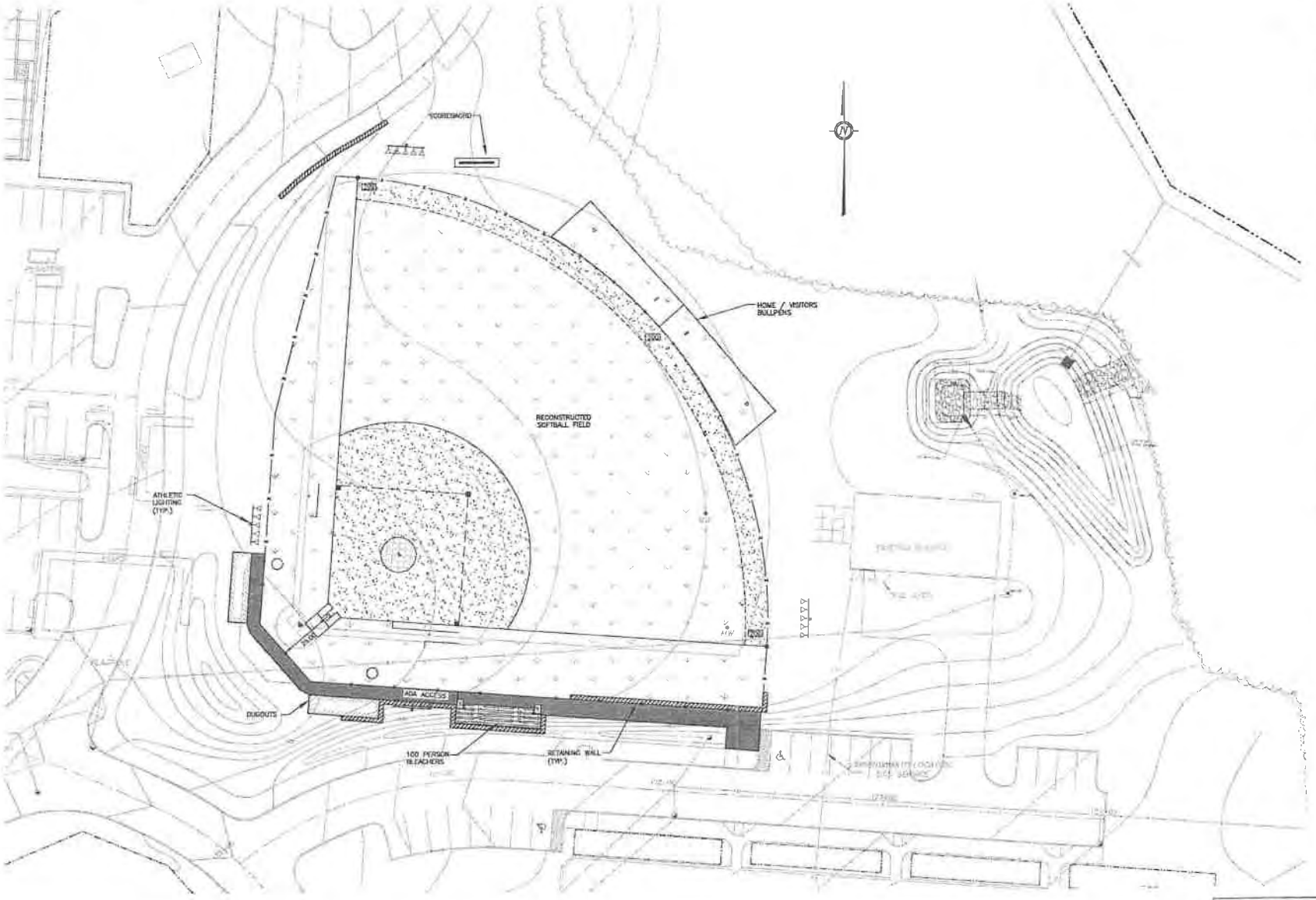
7. Is there an open line of communication between the scheduler and the field manager? **Yes or No**

G. 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:

- Outfield needs to be re-graded
- Field need to have ADA access
- Outfield Turf condition needs to be addressed
- Clay infield is over compacted



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PROJECT
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SOFTBALL EVALUATION & MASTER PLAN
390 LINCOLN ROAD
SUDBURY, MA

OWNER
LINCOLN SUDBURY HIGH SCHOOL
390 LINCOLN ROAD
SUDBURY, MA

REVISIONS

NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	STB
CHECKED BY	WJS
DATE	5/17/12
DRAWING SCALE	1"=20'-0"

GRAPHIC SCALE

SHEET TITLE

PROPOSED LAYOUT PLAN

DRAWING NO.
SK-1

PROJECT NO. 71500

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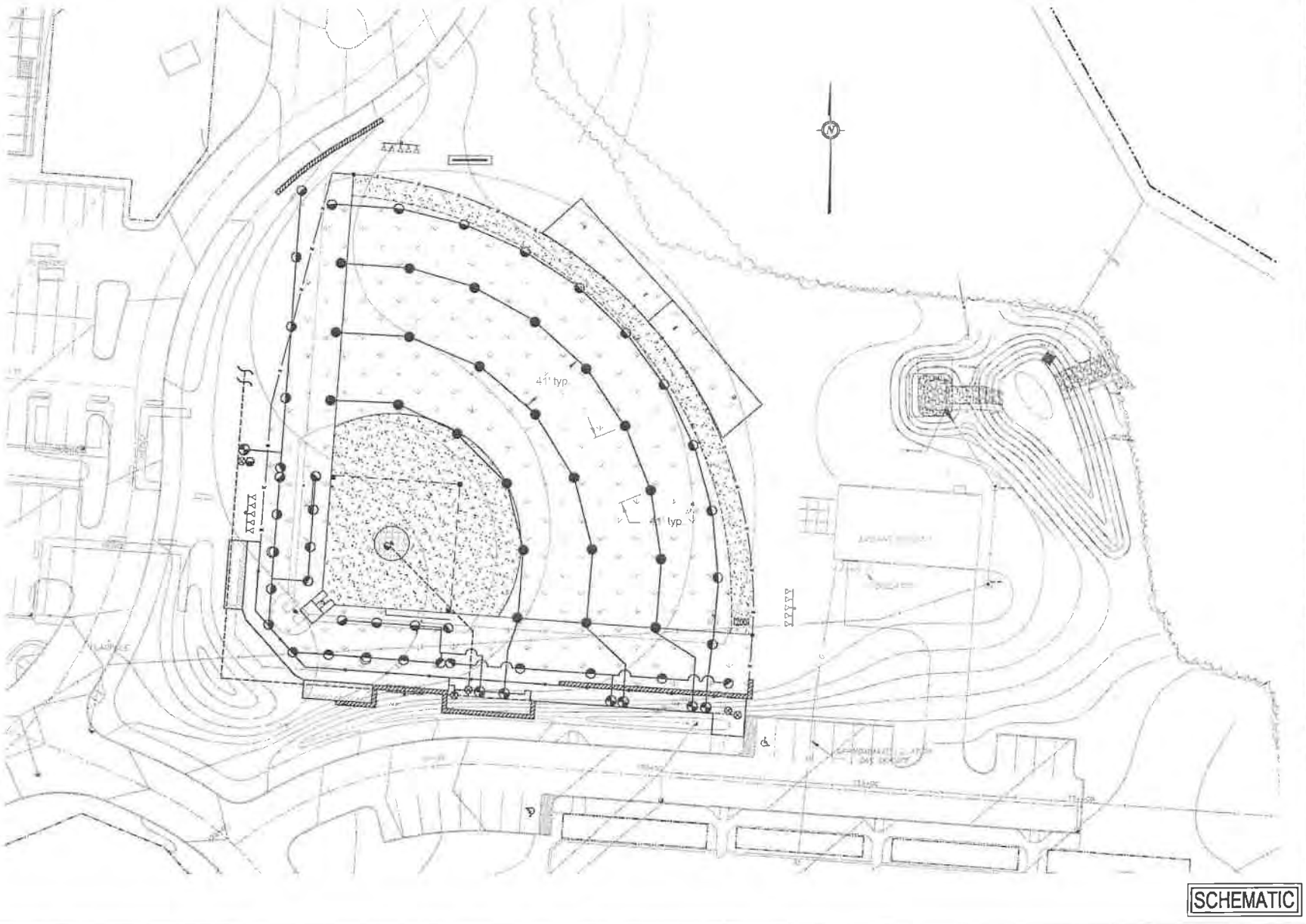

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DESIGNED BY	
DRAWN BY	STB
CHECKED BY	WJS
DATE	5/17/12
DRAWING SCALE	1"=20'-0"

GRAPHIC SCALE

SHEET TITLE

SCHEMATIC IRRIGATION PLAN

DRAWING NO.
SK-3

PROJECT NO. 715500

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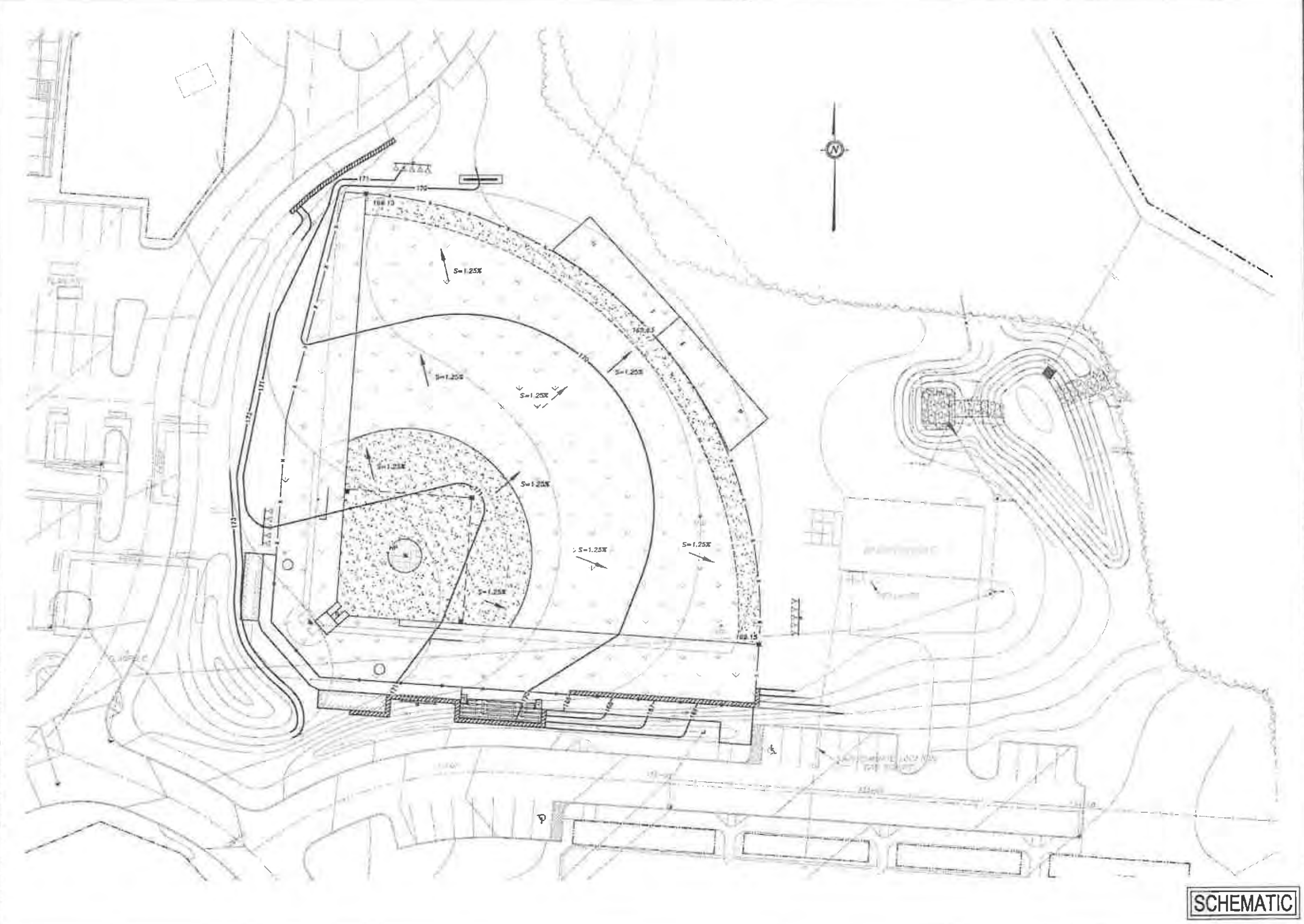

SCHEMATIC

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390 LINCOLN ROAD
SUDBURY, MA

REVISIONS

NO.	DATE	DESCRIPTION

CADD FILE	
DESIGNED BY	
DRAWN BY	STB
CHECKED BY	WJS
DATE	5/17/12
DRAWING SCALE	1"=20'-0"
GRAPHIC SCALE	

SHEET TITLE

SCHEMATIC GRADING PLAN

DRAWING NO.

SK-2

PROJECT NO.

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TURF SEEDING, SODDING, FERTILIZING, AND MULCHING

SECTION 02985

PART 1 - GENERAL

1.01 GENERAL PROVISIONS

A. Attention is directed to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 01 - GENERAL REQUIREMENTS, which are hereby made a part of this Section of the Specifications.

1.02 DESCRIPTION

The work of this section consists of the following:

A. Seeding, fertilizing, and mulching the following:

1. Athletic field areas.

2. Low maintenance, non-athletic field areas and sloped areas.

1.03 REFERENCES

A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

1. AGRICULTURAL MARKETING SERVICE (AMS)

AMS-01 (Amended thru: August 1988) Federal Seed Act Regulations (Part 201-202)

2. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 977 (1991) Emulsified Asphalt

ASTM D 2028 (1976; R 1992) Cutback Asphalt (Rapid-Curing Type)

ASTM D 2607 (1969) Peats, Mosses, Humus, and Related Products

3. COMMERCIAL ITEM DESCRIPTIONS (CID)

CID A-A-1909 (Basic; Notice 1) Fertilizer

1.04 SUBMITTALS

A. The following shall be submitted in accordance with Section 01300 - SUBMITTALS.

1. Manufacturer's Literature: Manufacturer's literature discussing physical characteristics, application and installation instructions for erosion control material, and for chemical treatment material.

2. Equipment List: A list of proposed seeding and mulching equipment to be used in performance of turfing operation, including descriptive data and calibration test.

3. Certificates: Certificates of compliance certifying that materials meet the requirements specified, prior to the delivery of materials. Certified copies of the reports for the following materials shall be included:

a. Seed: For each mixture, percent pure live seed, minimum percent germination and hard seed, maximum percent weed seed content, date tested and state certification. For species mixture percentage, percent purity, field location.

For cultivar genetic purity, field location.

b. Fertilizer: For chemical analysis, composition percent.

c. Agricultural Limestone: For calcium carbonate equivalent and sieve analysis.

d. Peat: For compliance with ASTM D 2607.

e. Asphalt Adhesive: For compliance with ASTM D 977 and ASTM D 2028.

f. Topsoil: For pH, particle size, chemical analysis and mechanical analysis.

1.05 DELIVERY, INSPECTION, STORAGE, AND HANDLING

A. Delivery

1. Topsoil: Refer to Specification Section 02920 – Topsoil.

2. Soil Amendments: Soil amendments shall be delivered to the site in the original, unopened containers bearing the manufacturer's chemical analysis. In lieu of containers, soil amendments may be furnished in bulk. A chemical analysis shall be provided for bulk deliveries.

B. Inspection: Seed, fertilizer, and mulch shall be inspected upon arrival at the job site by the Owner's representative for conformity to type and quality in accordance with paragraph MATERIALS. Other materials shall be inspected for meeting specified requirements and unacceptable materials shall be removed from the job site. Turf areas found to be deficient shall be replanted with same material as originally specified.

C. Storage: Materials shall be stored in areas designated by the Contracting Officer. Seed, lime and fertilizer shall be stored in cool, dry locations way from contaminants. Chemical treatment materials shall not be stored with other landscape materials.

D. Handling

1. Materials

Except for bulk deliveries, materials shall not be dropped or dumped from vehicles. Deliveries shall be received in original, unopened containers with any pertinent information attached.

PART 2 - PRODUCTS

2.01 MATERIALS

A. Seed

1. Seed Classification: State-certified seed of the latest season's crop shall be provided in original sealed packages bearing the producer's guaranteed analysis for percentages of mixture, purity, germination, hard seed, weed seed content, and inert material. Labels shall be in conformance with AMS-01 and applicable state seed laws.

2. Seed Mixtures: Seed mixture: Standard grade seed of the most recent season's crop. Seed shall be dry and free of mold. Seed shall be inoculated with endophtyes. Seed mixture shall be as follows:

Seed Mix No. 1:

In Athletic field areas, shall be Premium Athletic Field Mix:

Name of Seed	% by weight in Mixture	Minimum % Purity	Minimum % Germination
Kentucky Bluegrass Blend (3-D Sod Blend by Summit Seed, Inc., Midnight, Blacksburg, Challenger, Cobalt, and America)	65	95	85

Perennial Ryegrass Blend (Country Club Seed Blend by Lebanon Turf, Secretariat, Affirmed, and Affinity)	35	95	85

This seed blend will assure the athletic field areas be turfed to a grass that is capable of behaving as a true long lived perennial, thereby minimizing use of water and non renewable resources. Blending the grasses allows a wider range of adaptive potential and greater resistance to dollar spot, the most common turf grass disease in the Northeast.

Seed Mix No. 2:

In low maintenance, non-athletic field turf areas shall be Proscape Superior Sun and Shade Mix:

Name of Seed	% by weight in Mixture	Minimum % Purity	Minimum % Germination
Secretariat Perennial Ryegrass	35	95	85
Exacta Perennial Ryegrass	30	95	85
Pathfinder Creeping Red Fescue	25	95	85
Champagne Kentucky Bluegrass	10	95	85

This seed mix will give a wide range of adaptation on areas to be mowed at one and a half to two inches. The quick germinating ryegrass will act as a nurse grass while the Kentucky bluegrasses will dominate sunny areas and offer great resistance to traffic. The creeping red fescues do well in shade and under conditions of moderate moisture stress.

Seed Mix No. 3, Slope Mix:

Steep slopes, as shown on the plans, shall be New England Erosion Control/Restoration Mix for Dry Sites, as manufactured by New England Wetland Plants Inc., Amherst MA, or approved Equal.

This seed mix will provide an appropriate selection of native and non-native grasses to ensure that dry, recently disturbed areas will be quickly revegetated and the soil surface stabilized.

3. Quality: Weed seed shall not exceed one (1) percent by weight of the total mixture. Wet, moldy, or otherwise damaged seed shall be rejected.

4. Seed Mixing: The field mixing of seed shall be performed on-site in the presence of the Owner's Representative.

B. Soil Amendments: Soil amendments shall consist of lime, fertilizer, organic soil amendments and soil conditioners meeting the following requirements and shall be applied in accordance with the topsoil testing analysis.

1. Lime: Lime shall be agricultural limestone and shall have a minimum calcium carbonate equivalent of 90 percent and shall be ground to such a fineness that at least 90 percent will pass a 10-mesh sieve and at least 50 percent will pass a 60-mesh sieve.

2. Fertilizer: Fertilizer shall be commercial grade, free flowing, uniform in composition and conforming to CID A-A-1909. Granular Fertilizer: As recommended by the soil test. Fertilizer shall contain a minimum of 35% water insoluble Nitrogen or "slow release" Nitrogen and shall be manufactured specifically for use on lawn and turf areas.

3. Organic Soil Amendments

a. Topsoil: Off-site topsoil, if required, shall conform to topsoil requirements specified in Section 02920, and shall be amended as recommended by soil test.

b. Peat: Peat moss derived from a bog, swampland or marsh shall conform to ASTM D 2607.

c. Sand: Clean, free of toxic materials; 95 percent by weight shall pass a No. 10 sieve and 10 or less percent by weight shall pass a No. 16 sieve.

d. Rotted Manure: Well rotted, horse or cattle manure containing a maximum 25 percent by volume of straw, sawdust, or other bedding materials, free of stones, sticks, soil and containing no chemicals or ingredients harmful to plants.

C. Soil Conditioner: Soil conditioner shall be for single use or in combination to meet requirements for topsoil. Gypsum shall be commercially packaged, free flowing, minimum 95 percent calcium sulfate by volume.

1. Mulch: Mulch shall be free from weeds, mold, and other deleterious materials.

2. Straw: Straw shall be stalks from oats, wheat, rye, barley or rice furnished in air-dry condition and with a consistency for placing with commercial mulch-blowing equipment.

3. Hay: Hay shall be native hay, sudan-grass hay, broomsege hay, or other herbaceous mowing furnished in an air-dry condition suitable for placing with commercial mulch-plowing equipment.

4. Wood Cellulose Fiber: Wood cellulose fiber shall not contain any growth or germination-inhibiting factors and shall be dyed an appropriate color to facilitate visual metering during application. Composition on air-dry weight basis: 9 to 15 percent moisture, pH range from 4.5 to 6.0.

5. Paper Fiber Mulch: Paper fiber mulch shall be recycled newsprint that is shredded for the purpose of mulching seed.

D. Asphalt Adhesive

Asphalt adhesive shall conform to the following:

1. Emulsified Asphalt: Conforming to ATM D 977, Grade SS-1.

2. Cutback Asphalt: Conforming to ASTM D 2028, designation RC-70.

E. Water: Water shall not contain elements toxic to plant life.

PART 3 - EXECUTION

3.01 SEEDING TIMES AND CONDITIONS

A. Seeding Time: Seed shall be sown from 4/15 to 6/15 for Spring planting and 8/15 to 10/15 for Fall planting.

B. Turfing Conditions: Turf operations shall be performed only during periods when beneficial results can be obtained. When drought, excessive moisture or other unsatisfactory conditions prevail, the work shall be stopped when directed. When special conditions warrant, a variance to the turf operations, proposed times shall be submitted to and approved by the Owner's Representative.

3.02 SITE PREPARATION

A. Grading: The Contractor shall verify that finished grades are as indicated on drawings, and the placing of topsoil and the smooth grading has been completed in accordance with Section 02920.

B. Application of Soil Amendments

1. Soil Test: Soil testing for all imported topsoil shall be performed in accordance with specification section 02920 – Topsoil.

2. Lime: Lime shall be applied at the rate recommended by the soil test. Lime shall be incorporated into the soil to a minimum depth of four (4) inches or may be incorporated as part of the tillage operation.

3. Fertilizer: Fertilizer shall be applied at the rate recommended by the soil test. Fertilizer shall be incorporated into the soil to a minimum depth of four (4) inches and may be incorporated as part of the tillage operation.

C. Tillage

1. Minimum Depth: Soil on slopes gentler than 3 horizontal to 1 vertical shall be tilled to a minimum depth of 4 inches. On slopes between 3 horizontal to 1 vertical and 1 horizontal to 1 vertical, the soil shall be tilled to a minimum depth of two (2) inches by scarifying with heavy rakes, or other method. Rototillers shall be used where soil conditions and length of slope permit. On slopes 1 horizontal to 1 vertical and steeper, no tillage is required.

D. Finished Grading

1. Preparation

Turf areas shall be filled as needed or have surplus soil removed to attain the finished grade. Drainage patterns shall be maintained as indicated on drawings. Turf areas compacted by construction operations shall be completely pulverized by tillage. Soil used for repair of erosion or grade deficiencies shall conform to topsoil-to-topsoil requirements specified below. New surfaces shall be blended to existing areas.

2. Topsoil: Topsoil shall meet the requirements of Section 02920.

3. Lawn Area Debris: Lawn areas shall have debris and stones larger than one half (1/2) inch in any dimension removed from the surface.

4. Field Area Debris: Field areas shall have debris and stones larger than one half (1/2) inch in any dimension removed from the surface.

5. Protection: Finished graded areas shall be protected from damage by vehicular or pedestrian traffic and erosion.

3.03 SEEDING

A. General: Prior to seeding, any previously prepared seedbed areas compacted or damaged by interim rain, traffic or other cause, shall be reworked to restore the ground condition previously specified. Seeding operations shall not take place when the wind velocity will prevent uniform seed distribution.

B. Equipment Calibration: The equipment to be used and the methods of turfing shall be subject to the inspection and approval of the Owner's representative

prior to commencement of turfing operations. Immediately prior to the commencement of turfing operations, the Contractor shall conduct turfing equipment calibration tests in the presence of the Owner's representative.

C. Applying Seed

1. Mechanical seeding of athletic field areas with Seed Mix No. 1:

   a. Seed shall not be placed until soils have stabilized and further settlement is not apparent. Utilize irrigation system for consolidation of top mix.

   b. Apply seed with a mechanical seeding machine such as Brillon drill.

   c. Seed at a minimum rate of 10 pounds per 1000 square feet. Sow one half of the seed in two separate applications in a 90-degree crossing pattern.

   d. Irrigation during germination: Import to keep soil moist not wet through out the germination period.

2. Broadcast Seeding in non-athletic fields with Seed Mix No. 2:

   Seed shall be uniformly broadcast at the rate of 5.0 lbs/1000 square feet using broadcast seeders. Half of seed shall be broadcast in one direction, and the remainder at right angles to the first direction. Seed shall be covered to an average depth of 1/4 inch by disk harrow, steel mat drag, cultipacker, or other approved device.

3. Rolling: Immediately after seeding all areas, except for slopes 3 horizontal to 1 vertical and greater, the entire area shall be firmed with a roller not exceeding 90 pounds for each foot of roller width.

D. Mulch

1. Straw or Hay Mulch

   Straw or hay mulch shall be spread uniformly at the rate of two (2) tons per acre. Mulch shall be spread by hand, blower-type mulch spreader or other approved method. Mulching shall be started on the windward side of relatively flat areas or on the upper part of a steep slope and continued uniformly until the area is covered. The mulch shall not be bunched. All seeded areas shall be mulched on the same day as the seeding.

2. Asphalt Adhesive Tackifier

   When asphalt adhesive is applied to the in-place mulch, spraying shall be at the rate of between 10 to 13 gallons per 1000 square feet.

3. Non-Asphaltic Tackifier

Hydrophilic colloid shall be applied at rate recommended by manufacturer. Apply with hydraulic equipment suitable form mixing and applying uniform mixture of tackifier.

4. Spreading Asphalt Adhesive Coated Mulch

Straw or hay mulch shall be spread simultaneously with asphalt adhesive at the rate of two (2) tons per acre by using power mulch equipment, which shall be equipped with suitable asphalt pump and nozzle. The adhesive-coated mulch shall be applied evenly over the surface. Sunlight shall not be completely excluded from penetration to the ground surface.

E. Water: Watering shall be started within thirty (30) minutes after completing the seeded area. Water shall be applied at a rate sufficient to ensure moist soil conditions to a minimum depth of four (4) to six (6) inches. Run-off and puddling shall be prevented.

3.04 MOWING

A. When the grass reaches a height of 2-½ inches, mow with reel-type mower to a height of 2-inches (1.5-inches minimum) and remove clippings.

B. The frequency of mowing will depend upon the rate of growth of the grass.

C. The mowing frequency should be spaced so that no more than 1/3 of the leaf area is removed at any one mowing.

D. Change the direction of mowing each time to help reduce soil compaction from the tractor wheels running in the same place each time, and the corrugation (washboard effect) when operated repeatedly and at high speeds on saturated soils.

3.05 RESTORATION AND CLEAN UP

A. Restoration: Existing turf areas, pavements and facilities that have been damaged from the turfing operation shall be restored to original condition at Contractor's expense.

B. Clean Up: Upon completion of work, remove debris and leave area in a clean, acceptable condition. Excess and waste material shall be removed from the planting operation and shall be disposed of off the site. Adjacent paved areas shall be cleaned.

3.06 PROTECTION OF TURFED AREAS

A. Immediately after turfing, the area shall be protected against traffic or other use by erecting barricades and providing signage as required, or as directed by the Owner and/or the Engineer.

3.07 TURF ESTABLISHMENT PERIOD

A. Commencement: The Turf Establishment Period for establishing a healthy stand of turf shall begin on the first day of work under this contract and shall end three (3) months after the last day of turfing operations required by this contract. Written calendar time period shall be furnished to the Owner and/or the Engineer for the Turf Establishment Period. When there is more than one turf establishment period, describe the boundaries of the turfed area covered for each period.

B. Satisfactory Stand of Turf

1. Seeded Area: A satisfactory stand of turf from the seeding operation for a lawn area is defined as a minimum of 15 grass plants per square foot. Bare spots shall be no larger than six (6) inches square. The total bare spots shall not exceed two (2) percent of the total seeded area.

C. Maintenance During Establishment Period (Grow-in)

1. General: Maintenance of the turfed areas shall include eradicating weeds, eradicating insects and diseases, protecting embankments and ditches from erosion, maintaining erosion control materials and mulch, protecting turfed areas from traffic, mowing, watering, and fertilization as defined below.

2. Mowing: Lawn areas shall be mowed to a minimum height of 1-1/2 inches when the average height of the turf becomes 2-1/2 inches. Clippings shall be removed when the amount of cut turf is heavy enough to damage the turfed areas.

3. Watering: Watering shall be at intervals to obtain a moist soil condition to a minimum depth of one (1) inch. Frequency of watering and quantity of water shall be adjusted in accordance with the growth of the turf. Run-off, puddling and wilting shall be prevented.

4. Fertilization: Nitrogen carrier fertilizer shall be applied at the rate of 5 pounds per 1,000 square feet after the first month and again prior to the final acceptance. The application shall be timed prior to the advent of winter dormancy and shall avoid excessively high nitrogen levels.

5. Repair: The Contractor shall re-establish as specified herein, eroded, damaged or barren areas. Mulch shall also be repaired or replaced as required.

6. Maintenance Report: A written record shall be furnished to the Owner's Representative of the maintenance work performed.

3.08 FINAL ACCEPTANCE

A. Preliminary Inspection: Prior to the completion of the Turf Establishment Period, a preliminary inspection shall be held by the Owner's Representative. Time for the inspection shall be established in writing. The acceptability of the turf in accordance with the Turf Establishment Period shall be determined. An unacceptable stand of turf shall be repaired as soon as turfing conditions permit.

B. Final Inspection: A final inspection shall be held by the Owner's Representative to determine that deficiencies noted in the preliminary inspection have been corrected. Time for the inspection shall be established in writing.

END OF SECTION

G:\715230\Specs\div 2\02985-seeding&fert.doc

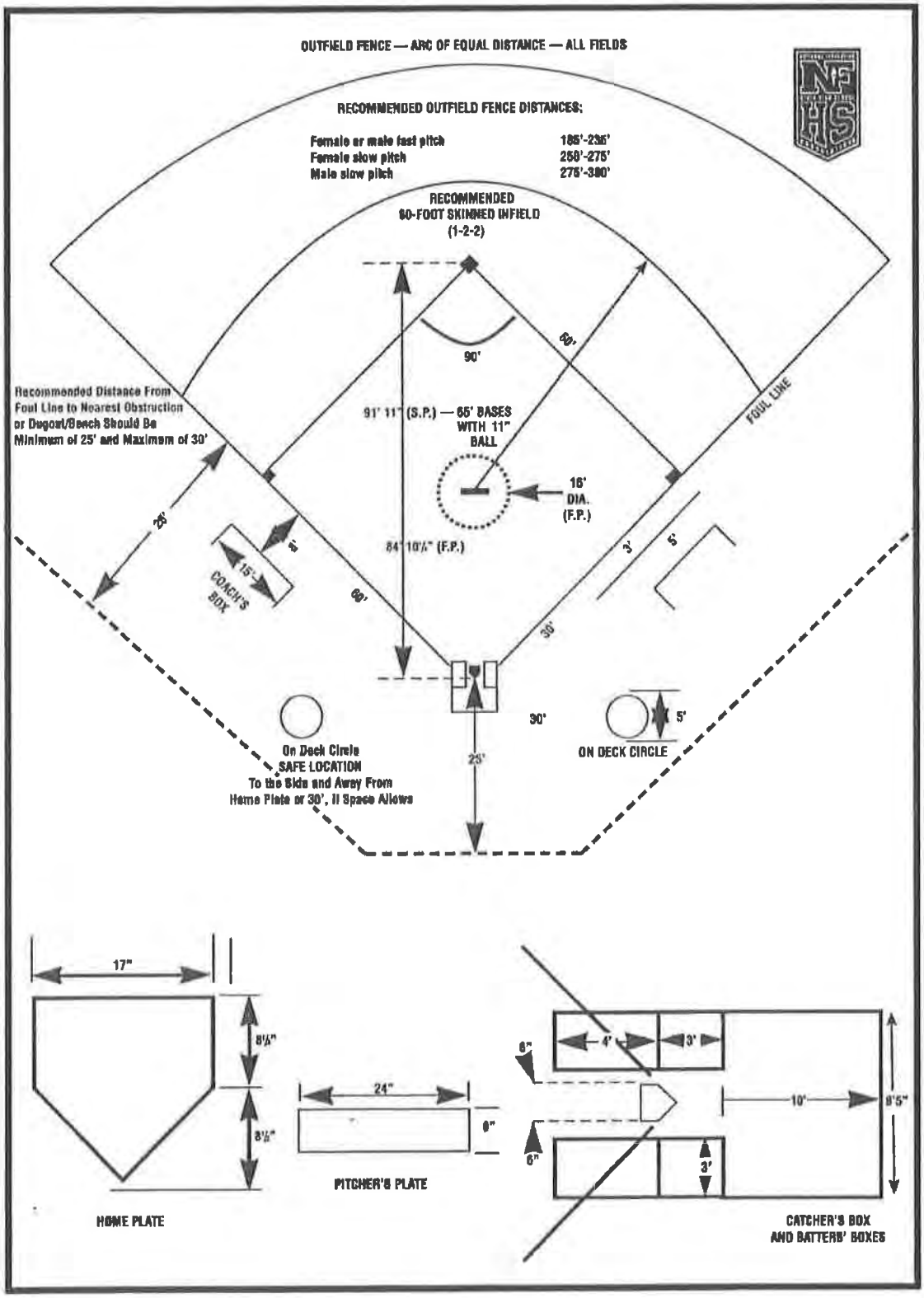
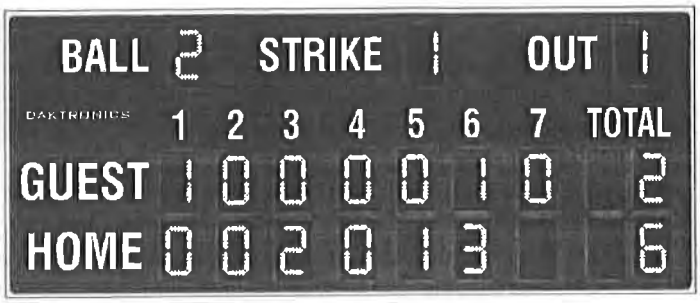

OUTFIELD FENCE — ARC OF EQUAL DISTANCE — ALL FIELDS
RECOMMENDED OUTFIELD FENCE DISTANCES:
Female or male fast pitch 185'-235'
Female slow pitch 250'-275'
Male slow pitch 275'-380'
RECOMMENDED 60-FOOT SKINNED INFIELD (1-2-2)
90'
60'
Recommended Distance From Foul Line to Nearest Obstruction or Dugout/Bench Should Be Minimum of 25' and Maximum of 30'
91' 11" (S.P.) — 65' BASES WITH 11" BALL
16' DIA. (F.P.)
84' 10½" (F.P.)
FOUL LINE
25'
15'
COACH'S BOX
8'
60'
3'
5'
35'
30'
5'
25'
On Deck Circle SAFE LOCATION To the Side and Away From Home Plate or 30', If Space Allows
ON DECK CIRCLE
17"
8½"
8½"
HOME PLATE
24"
6"
PITCHER'S PLATE
6"
4'
3'
10'
6"
3'
8'5"
CATCHER'S BOX AND BATTERS' BOXES

Diagram 1

Enclosure 7

SCHEMATIC COST ESTIMATE - LINCOLN SUDBURY HIGH SCHOOL SOFTBALL FIELD
MASTER PLAN

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT COST	COST	TOTAL COST	REMARKS
1	**General Conditions**					$ 24,163.94	
1a	Bonds and Insurance (2%)	LS	1	$ 4,163.94	$ 4,163.94		
1b	Mobilization/Demobilization	LS	1	$ 20,000.00	$ 20,000.00		
2	**Erosion Control**					$ 5,000.00	
2a	Erosion Control	Ls	1	$ 5,000.00	$ 5,000.00		
3	**Demolition**					$ 5,000.00	
3a	Misc. Demolition	LS	1	$ 5,000.00	$ 5,000.00		
4	**Softball (Infield Only)**					$ 8,268.41	
4a	Strip and dispose of existing clay (assume 4")	CY	87	$ 10.00	$ 865.80		
4b	Prepare sub-base, shape and compact	SY	779	$ 2.00	$ 1,558.44		
4c	Clay Infield Mix	Ton	130	$ 45.00	$ 5,844.17		
5	**Reconstruct Outfield**					$ 49,611.11	
5a	Strip and screen and stockpile topsoil (assume 8")	CY	864	$ 9.00	$ 7,777.78		
5b	Place and amend root zone materials, 8"	CY	864	$ 27.00	$ 23,333.33		
5c	Seed athletic field mix and fine grade	SF	35,000	$ 0.30	$ 10,500.00		
5d	Turf establishment requirements	LS	1	$ 8,000.00	$ 8,000.00		
6	**Irrigation**					$ 36,000.00	
6a	Install irrigation system and controller	Zone	8	$ 2,500.00	$ 20,000.00		
6b	Connect to Existing Well	LF	1600	$ 10.00	$ 16,000.00		
7	**Fencing**					$ 21,410.00	
7a	4' High Perimeter Fence	LF	730	$ 20.00	$ 14,600.00		Re-Use Existing Fence
7b	12' Wide Gate	EA	2	$ 1,725.00	$ 3,450.00		
7c	Pedestrian Gate	EA	6	$ 560.00	$ 3,360.00		
8	**Site Drainage**					$ 40,000.00	
8a	Site Drainage	LS	1	$ 40,000.00	$ 40,000.00		
9	**Retaining Walls**					$ 36,000.00	
9a	South Wall	SF	600	$ 45.00	$ 27,000.00		
9b	Northwest Wall	SF	200	$ 45.00	$ 9,000.00		
10	**Walkways / Ramp**					$ 6,907.41	
10a	Strip and screen and stockpile topsoil (assume 6")	CY	37	$ 5.00	$ 185.19		
10b	Gravel base (6" thick)	CY	37	$ 30.00	$ 1,111.11		
10c	Prepare sub-base, shape, compact and fine grade	SY	222	$ 2.25	$ 500.00		
10d	Bituminous walkways, 3" thick	SY	222	$ 23.00	$ 5,111.11		
					Subtotal	$ 232,360.87	
					Contingency (10%)	$ 23,236.09	
					Soft Cost (10%)	$ 23,236.09	
					Total	$ 278,833.04	
Future Site Improvements							
1	**Bleachers**					$25,000.00	
1a	100 person bleachers including concrete pad	SE	100	$ 250.00	$25,000.00		
2	**Site Amenities**					$ 75,000.00	
2a	Landscaping	LS	1	$ 10,000.00	$ 10,000.00		
2b	Storage shed on concrete pad	LS	1	$ 10,000.00	$ 10,000.00		
2c	Sports Field Specialties Dugouts	EA	2	$ 10,000.00	$ 20,000.00		
2d	Bullpens	LS	1	$ 15,000.00	$ 15,000.00		
2e	New Backstop	LS	1	$ 20,000.00	$ 20,000.00		
3	**Equipment**					$ 15,000.00	
3a	Scoreboard	LS	1	$ 15,000.00	$ 15,000.00		
4	**Athletic Field Lighting**					$180,000.00	
4a	Site Electrical (connection of system)	LS	1	$40,000.00	$40,000.00		
4b	MUSCO Athletic Field Lighting System	Pole	4	$35,000.00	$140,000.00		
5	**Amenities / Concessions Building**					$280,000.00	
5a	40' x 40' Building	SF	1600	$175.00	$280,000.00		



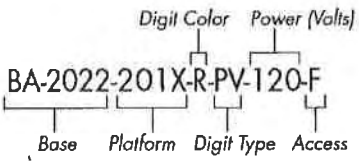
BA-2022 BASEBALL/SOFTBALL SCOREBOARD SPECIFICATIONS

This outdoor LED baseball/softball scoreboard displays HOME and GUEST team scores for up to 7 innings, TOTAL team score to 99, BALL to three, STRIKE to two and OUT to two. Digits can be dimmed for night viewing. Scoreboard shown with optional striping.

Digit Size(s)	Digit Color[1]	Digit Type	Power (120 VAC)[2]
15" (381 mm)	R (Red) or A (Amber)	PV (PanaView®)	5 Amps, 600 Watts

# of Sections	Dimensions	Uncrated Weight
One (1) Total	6'-6" H, 16'-0" W, 8" D (1981 mm, 4877 mm, 203 mm)	525 lb (238 kg)

Model Number Guide



1) Mixed LED digit colors are also available (R/A = primarily red & A/R = primarily amber).
2) Models with 240 VAC power are also available at half the indicated amperage (International Use Only).

PRODUCT SAFETY APPROVAL: ETL listed to UL Standards 48 and 1433. Tested to CSA standards and CE labeled for outdoor use.

CONSTRUCTION: Alcoa aluminum alloy 5052 for excellent corrosion resistance.

CAPTIONS: HOME and GUEST captions are 10" (254 mm) high. BALL, STRIKE and OUT captions are 9" (229 mm) high. All other captions are 8" (203 mm) high. Captions are white vinyl, applied directly to the display face.

CABINET COLOR: More than 150 colors (from Martin Senour® paint book) are available at no additional cost.

OPERATING TEMPERATURES: Display: -22 to 122 degrees Fahrenheit (-30 to 50 degrees Celsius)
Console: 32 to 130 degrees Fahrenheit (0 to 54 degrees Celsius)

201 Daktronics Drive, PO Box 5128, Brookings, SD 57006
Phone: 1-800-325-8766 or 605-697-4300 Fax: 605-697-4700
www.daktronics.com E-mail: sales@daktronics.com

DAKTRONICS

BA-2022 PRODUCT SPECIFICATIONS (CONTINUED)

ALL SPORT® 5010 CONTROL CONSOLE:
Control console electronics are housed in a rugged aluminum case. Console has a large 32-character backlit liquid crystal prompting display to verify entries and recall information currently displayed. Case and sealed membrane keyboard make console face water-resistant. Console is capable of controlling other sports through the use of keyboard inserts. A 20' (6096 mm) control cable and a 6' (1829 mm) power cord are supplied. The power cord plugs into a standard grounded 120 VAC outlet. Maximum power demand is 6 watts. All 230 VAC scoreboards use All Sport 5020 control consoles.

CONTROL CABLE:
One-pair shielded cable of 22 AWG minimum is required.

JUNCTION BOX:
A cover plate with mounted connector and standard 2" x 4" x 2" (51 mm x 102 mm x 51 mm) outlet box is provided. Connector mates with connector from control console.

SERVICE ACCESS:
Digit panels and electronics can be serviced from the front of the scoreboard.

MOUNTING:
The scoreboard is typically mounted on two vertical beams. Maximum beam width is 12" (305 mm). Maximum beam depth is 22" (559 mm). Standard mounting uses I-beam clamps; optional mounting method using angle brackets is also available (refer to attached drawings).

GENERAL INFORMATION:
Scoreboard provides scoring capability for two teams. 100 percent solid state electronics housed in an all aluminum cabinet. This scoreboard is built and shipped in one section and includes hardware for mounting on two poles. Hardware for additional poles is available at additional cost. Heavy-duty 6 amp solid-state switching device is located on the driver to reduce display failure rate. Specifications and pricing are subject to change without notice.

OPTIONS:
- Scoreboard border striping
- Multiple caption and striping colors available (see SL-06409)
- Team name in place of HOME
- Team names on changeable panels
- Mixed digit colors (see DD1965467)
- 2.4 GHz spread spectrum radio control (see SL-04370)
- Logo/sponsor panels
- Individual digit protective screens (see SL-04939)
- Protective netting
- Electronic message centers and video displays in multiple sizes
- Durable carrying case for control console
- Optional angle bracket mounting method

OPTIONAL LOGO/SPONSOR PANELS:

Non-Backlit:		**Backlit:**	
Height	***Width***	***Height***	***Width***
2'-0" (588 mm)	16'-0" (4877 mm)	1'-6" (457 mm)	16'-0" (4877 mm)
3'-0" (914 mm)	16'-0" (4877 mm)	2'-0" (588 mm)	16'-0" (4877 mm)
4'-0" (1219 mm)	16'-0" (4877 mm)	2'-6" (762 mm)	16'-0" (4877 mm)
4'-6" (1372 mm)	16'-0" (4877 mm)	3'-0" (914 mm)	16'-0" (4877 mm)
		4'-0" (1219 mm)	16'-0" (4877 mm)
		4'-6" (1372 mm)	16'-0" (4877 mm)

**For additional information on ordering logo/sponsor panels, see SL-04014.*

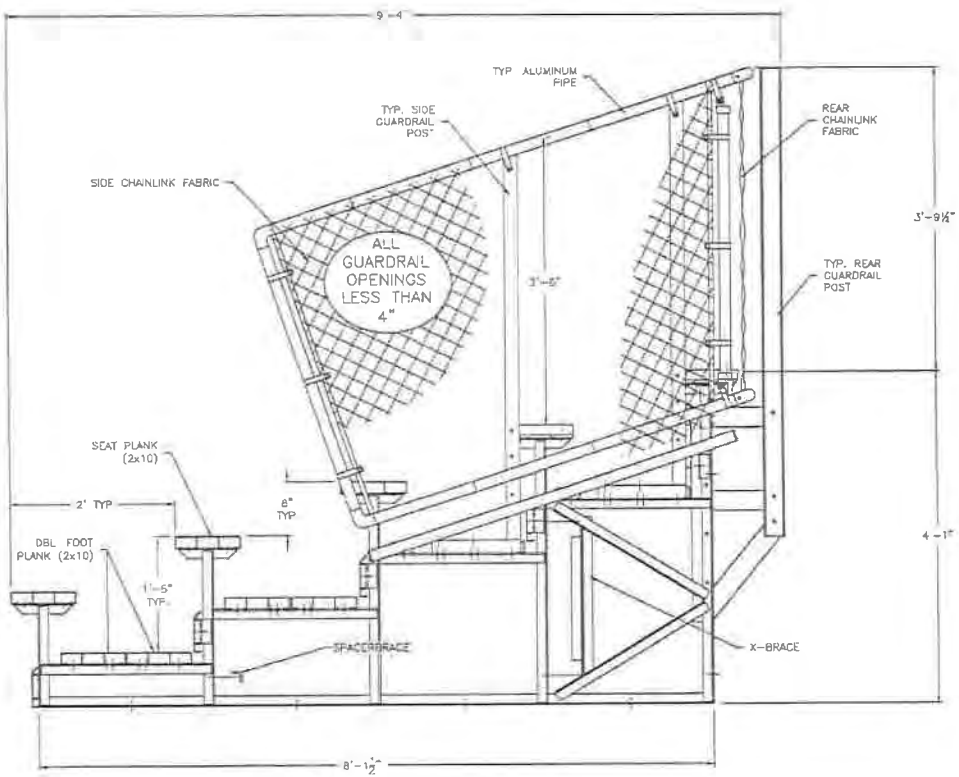
201 Daktronics Drive, PO Box 5128, Brookings, SD 57006
Phone: 1-800-325-8766 or 605-697-4300 Fax: 605-697-4700
www.daktronics.com E-mail: sales@daktronics.com

BA-2022 PRODUCT SPECIFICATIONS (CONTINUED)

FOR ADDITIONAL INFORMATION REFER TO:

- Installation Specifications: DWG-298975 (included)
- Standard Scoreboard Mounting (I-beam): DWG-1052565 (included)
- Optional Scoreboard Mounting (Pole): DWG-1048184 (included)
- Component Locations: DWG-1066358 (included)
- System Layout: DWG-54952 and DWG-124690
- Architectural Specifications: SL-08405 (online)
- Installation Manual: DD2118213 (online)
- Service Manual: DD2124597 (online)

DAKTRONICS



***NOTE:** ILLUSTRATION SHOWN WITH DOUBLE FOOT PLANK, 1x6 RISER (ROWS 1-4), 2x10 TOP ROW RISER, & CHAINLINK GUARDRAIL. PLEASE REFER TO ATTACHED SPECIFICATIONS FOR FEATURES INCLUDED WITH YOUR SPECIFIC BLEACHER.*

National Recreation Systems, Inc.
P.O. BOX 11487 FORT WAYNE, IN 46858-1487

SCALE: N.T.S.	APPROVED BY:	DRAWN BY: JLB
DATE: 2/13/06		

TITLE: FOR 5 ROW NON-ELEVATED BLEACHER SUBMITTAL

CUSTOMER:

DRAWING NUMBER: SUB-N05-0000

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DELHI, NY 13753
TOLL FREE: 888-875-3343
FAX: 607-746-8481

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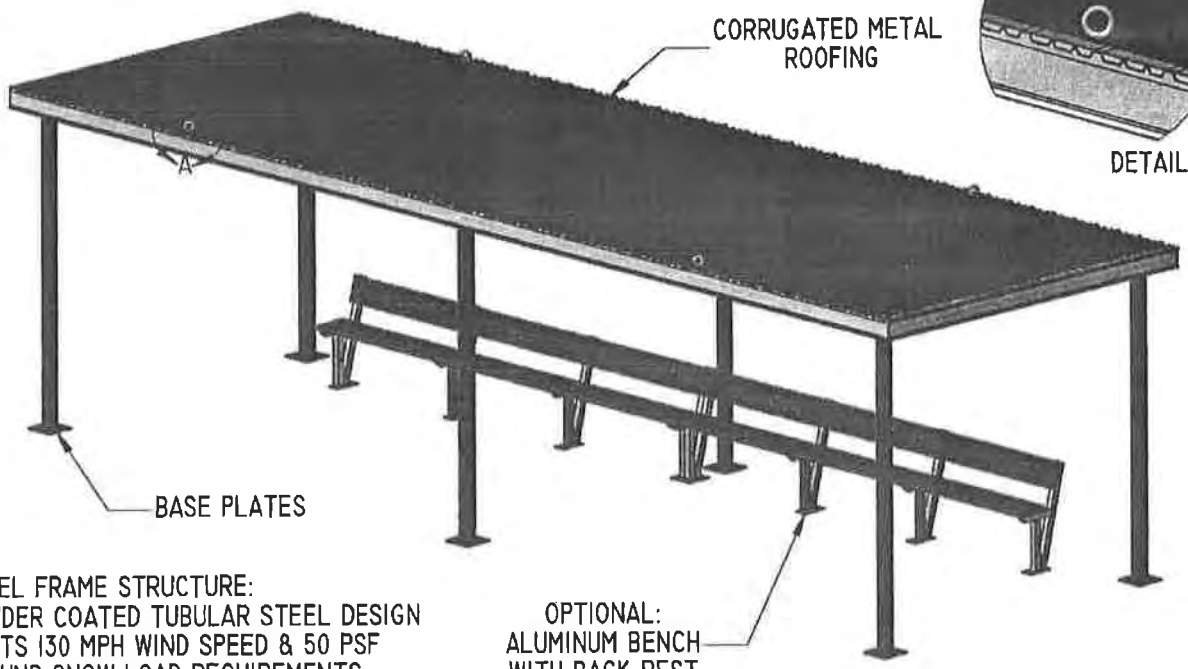
OPTIONAL VINYL WINDSCREEN PANELS AVAILABLE

EASE OF INSTALLATION WITH LIFTING EYE BOLT

DETAIL A

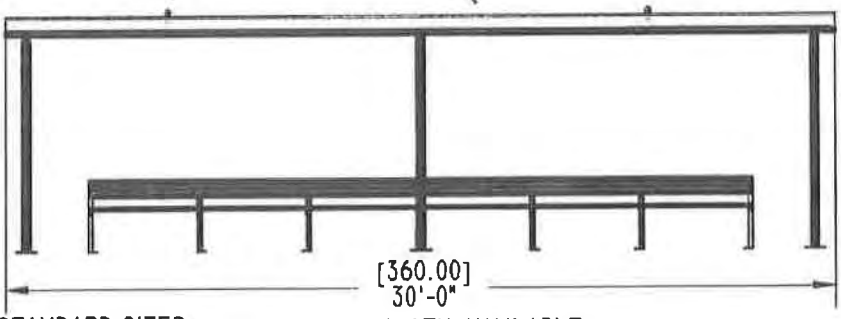
CORRUGATED METAL ROOFING



STEEL FRAME STRUCTURE:
POWDER COATED TUBULAR STEEL DESIGN
MEETS 130 MPH WIND SPEED & 50 PSF
GROUND SNOW LOAD REQUIREMENTS

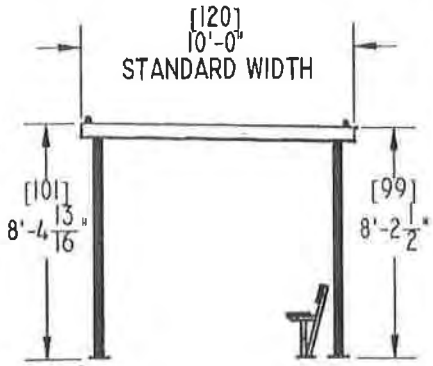
OPTIONAL:
ALUMINUM BENCH
WITH BACK REST

METAL FASCIA



STANDARD SIZES:
8' X 16'
8' X 24'
8' X 32'
8' X 40'
8' X 48'

CUSTOM LENGTH AVAILABLE



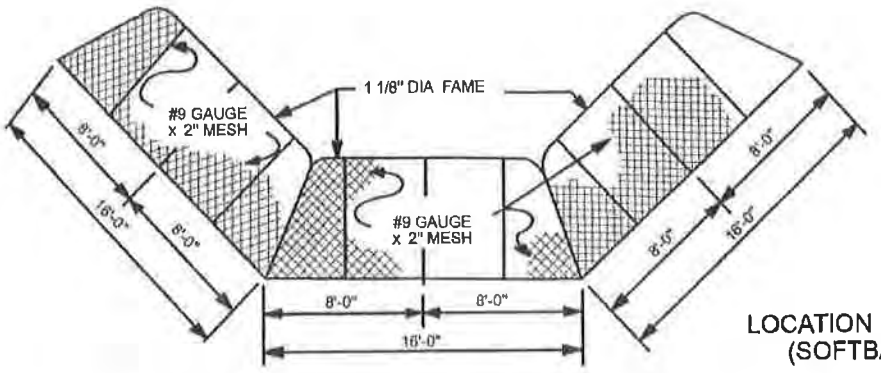
CUSTOM WIDTH UPTO 10' AVAILABLE

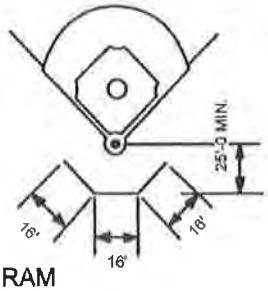
FOUNDATION DESIGN BY OTHERS
BASED ON LOCAL CODES
AND SOIL CONDITIONS

GAMESHADE™ DUGOUT

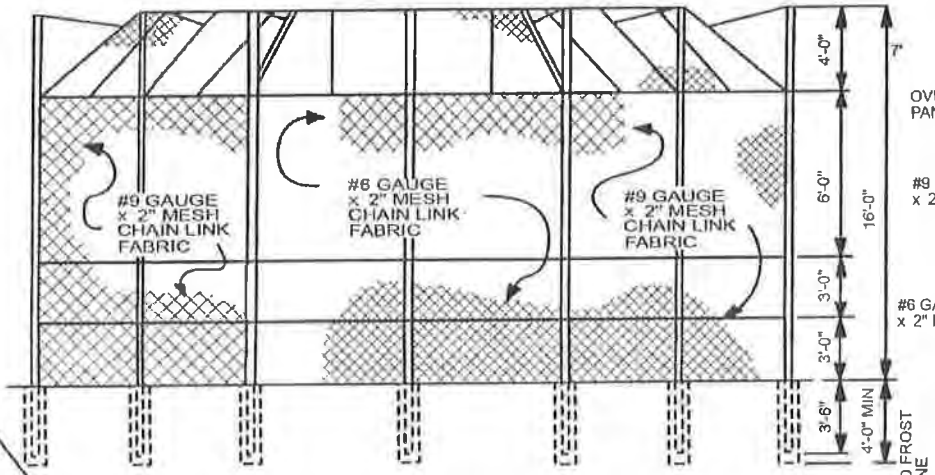
NOT TO SCALE

SPORTSFIELD SPECIALTIES INC 11172008

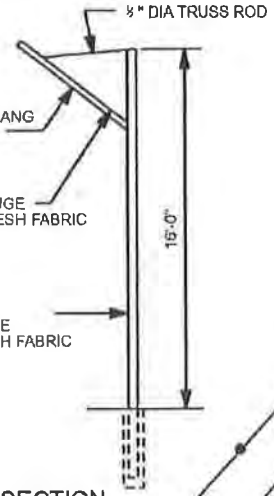




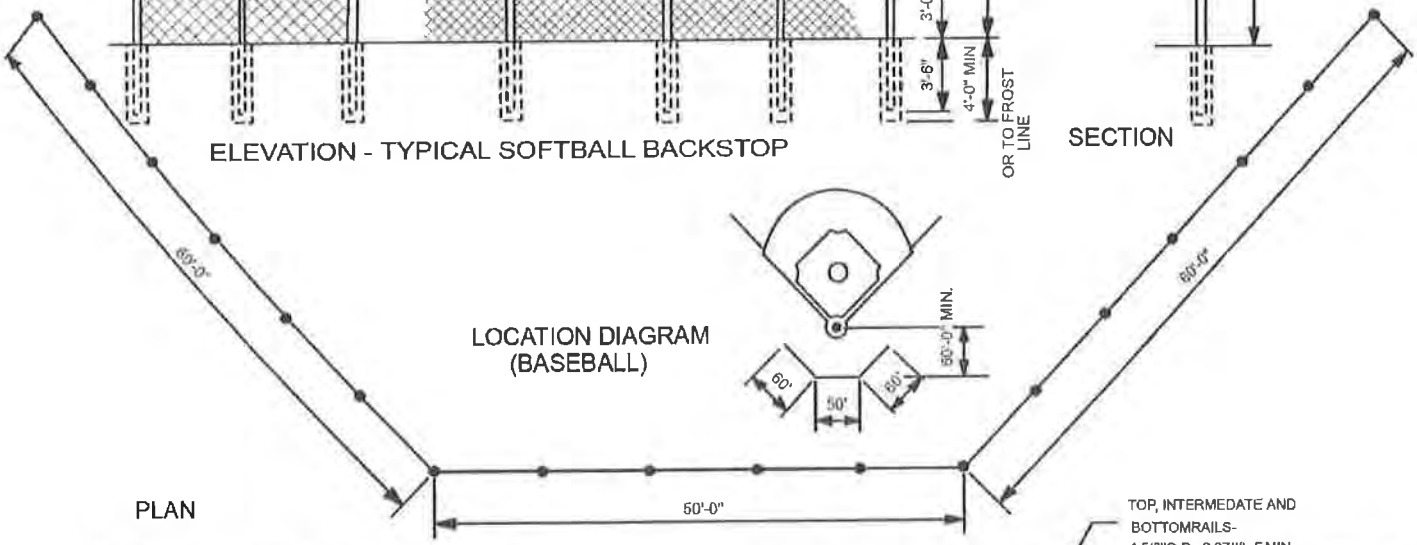
LOCATION DIAGRAM
(SOFTBALL)



ELEVATION - TYPICAL SOFTBALL BACKSTOP

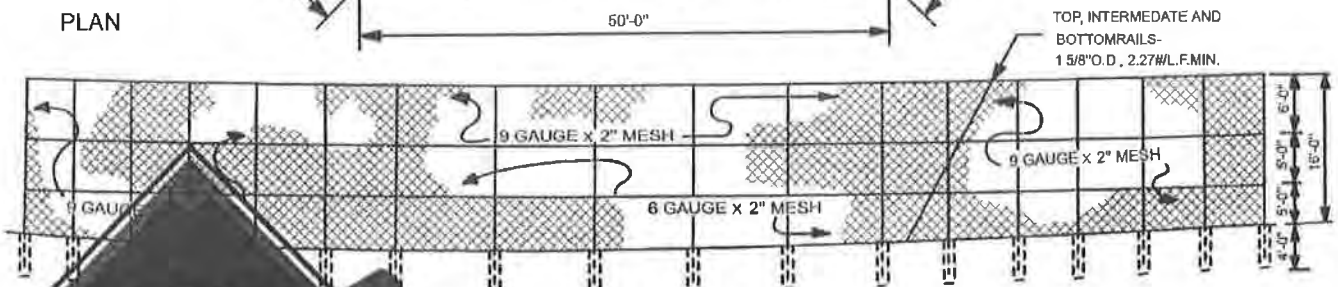


SECTION



LOCATION DIAGRAM
(BASEBALL)

PLAN



ELEVATION - REGULATION BASEBALL BACKSTOP

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Baseball & Softball Backstops

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Unequaled performance . . . for your budget, for the environment.

- Cuts operating costs in half
- Reduces spill light by 50%
- Includes system monitoring and remote on/off control
- Provides guaranteed Constant Light™

5 Easy Pieces™

- Complete system from foundation-to-poletop
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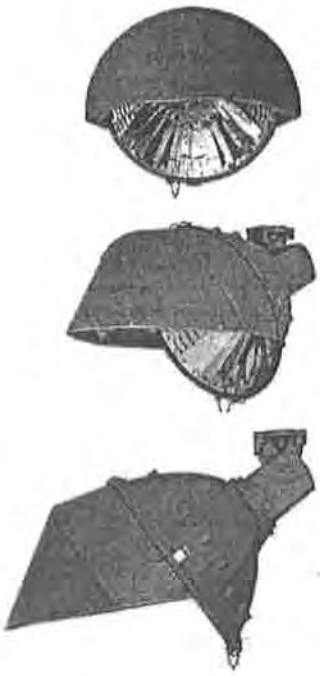
- Fast, trouble-free installation
- Comprehensive corrosion package

Warranty

Musco's Constant 25™ — 25-year product assurance and warranty program.

Provides 25 years of trouble-free lighting equipment operation, including parts, labor, and group lamp replacement.

Request More Information



Innovative photometric improvements of the luminaire result in substantially more efficient light control.