

SABOURIN STADIUM

Bedford High School
400m Track & Field Complex Master Plan



August 22, 2023
DRAFT

Prepared For:
Town of Bedford
314 Great Road
Bedford, MA 01730

Prepared By:
Huntress Associates, Inc.
17 Tewksbury Street
Andover, MA 01810

HUNTRESS *Sports*

August 22, 2023

David Manugian, Director
Bedford Public Works
314 Great Road
Bedford, MA 01730

Re: Bedford Sabourin Field Complex – Master Plan

Dear Mr. Manugian;

I have reviewed the conditions associated with the existing athletic facilities at Bedford High School in Bedford, Massachusetts. The following is a summary of our efforts and our recommendations for moving forward.

PROJECT DESCRIPTION

Huntress Associates, Inc was engaged to provide Master Plan services for athletic field improvements at Sabourin Stadium in Bedford, Massachusetts. The project consists of preparing a feasibility study to assess the opportunities and constraints associated with improving the use/condition of the Sabourin Field Complex in Bedford, Massachusetts. Masterplan design services include planning for a new and/or renovated bathroom and concession building, replacement of the existing synthetic turf field, renovation of the 400m running track and associated field events, and an evaluation of the condition of the existing bleachers on both the north and south side of the existing running track.

Existing Conditions Documentation: HAI compiled an existing condition plan utilizing resources from the Town of Bedford, Massachusetts Geographical Information System (MassGIS) and other available resources to document existing conditions on site.

We also reviewed the original construction documents prepared by Gale Associates in January of 2013. These plans showed the construction related to the installation of the multi-purpose synthetic turf field, improvements to the 400m running track and installation of new home & visitor grandstands.

Site Visit & General Observations: HAI conducted a site visit to review existing conditions on 8/2/23, 8/9/23 and 8/17/23. We were accompanied by Josh Smith, recreation Director and Nikki Taylor, Program Coordinator during our site walk on 8/9/23.

1. **400m Running Track:** The 400m Track was originally constructed over twenty years ago, and the existing resilient track surface received a spray-applied topcoat and new lane markings in 2013. The track surface has noticeable wear and depression in limited areas. The resilient surface is delaminated in many areas and the asphalt surface is cracking and in need of replacement. The typical life span for a running track with bituminous concrete is twenty to twenty-four years. This track is at the end of its useful life and the Town of Bedford should consider plans for replacement soon.



Figure 1 - 400m Track & Field



Figure 2 - 400m Track



Figure 3 - 400m Track

The running track oval and straight-aways appear to have a solid subbase, with little settlement or heaving noticed throughout the track. The resilient surface is worn, and the asphalt is showing signs of hairline cracks and shrinking, which is normal for an asphalt surface of this age.



Figure 4 – West ‘D’ Area – Asphalt Settlement

Other observations made at the time of our visit to the 400m Track include the following: 1) the resilient surface is worn and in need of repair/resurfacing. 2) Depressions and settlement of the asphalt base in both ‘D’ areas, 3) The ACO trench drain, which is located inside the first lane of the running track, is filled with debris and clogged. This condition will inhibit drainage and accelerate the deterioration of the resilient surface and asphalt base. 3) The facility is not ADA compliant. To be ADA compliant the facility needs an “accessible route” from the parking area to the track, field, and spectator areas. This route should be a paved surface with a minimum of 4’ width.

2. **Multi-Purpose Synthetic Turf Field:** The multi-purpose synthetic turf field was installed in the summer of 2013. The field appears to be a dual fiber system with sand and SBR crumb rubber infill. We were informed that the field does not currently have a resilient shock pad. The field accommodates football, soccer, field hockey, and lacrosse as a varsity game field. The field is supported by irrigation, grandstands, a pressbox, sports lighting, and a concession stand. The field is oriented in an east-west direction.



Figure 5 – Multi-purpose Field



Figure 6 – West end of the field.



Figure 7 – Synthetic Turf Seam Failure

Observations made at the time of our site inspection include the following: 1) The synthetic turf field is nearing the end of its useful life. Displaced and broken fiber are evident throughout the body of the field. Loose seams are also evident in several locations. Refer to photos above and attached for additional information.



Figure 8 – Dislodged fibers are event throughout the field.



Figure 8(a) – Fiber wear & exposed infill



Figure 8(b) – Fiber wear & exposed infill

3. **Home Grandstands:** The home grandstand was manufactured by Dant Clayton, contains approximately 600 seats, and was installed in 2001. The bleacher itself is compliant with ADA requirements, however, the following issues should be addressed:
 - a. The landing at the bottom of the east stairs should be extended to be in full compliance. ADA codes require that a landing must be provided at the top and bottom of each



stairway. The landing should be at least as wide as the stairway that it serves. The length (measured in the direction of travel) should be greater or equal to the width. In this case, the length of the landing should be at least 4' in length. The bottom few steps also have too much deflection when weight is applied. The owner should review and repair the steps as necessary.

- b. Several end caps on the seat planks are missing. Additional end caps should be installed to minimize exposure to sharp edges.
- c. The walkway to the handicapped lift servicing the pressbox is also not accessible and should be paved, with a smooth surface. The handicapped lift is not accessible given that the existing granite curb at the base of the lift provides a 1" step up into the lift enclosure.
- d. The site access from the John Glenn Middle School on the adjacent McMahon Street, located just behind the grandstand, is also not accessible. To be considered accessible the sloped walkways should not exceed 5% in grade or include a ramp at not more than 8% with handrails and landing areas. The present walkway is more than 12% in grade.



Figure 9 – Home Grandstand & Pressbox.



Figure 10 – Granite curb at HC Lift



Figure 11 – Existing Stair Landing

4. **Visitor Grandstands:** The visitor grandstand was manufactured by Dant Clayton, contains 221 seats, and was installed in 2014. The bleacher itself is compliant with ADA requirements, however, the landing at the bottom of the east stair should be extended to be in full compliance. ADA codes require that a landing must be provided at the top and bottom of each stairway. The landing should be at least as wide as the stairway that it serves. The length (measured in the direction of travel) should be greater or equal to the width. In this case, the length of the landing should be at least 4' in length. Several end caps on the seat planks are missing. Additional end caps should be installed to minimize exposure to sharp edges.



Figure 12 – Visitor Grandstands



Figure 13 – Visitor Grandstand



Figure 14 – Existing Cross-aisle



Figure 15 – Existing Ramp



5. **Concessions & Storage Building:** The concessions and storage building contains approximately 700 square feet, divided evenly between the concessions and storage area. The exact date of construction is unknown, but the building appears to have been built prior to 2001. The building is serviced with both water and electric power, **the availability of sewer service needs to be confirmed in the field.**
- a. The cooking area appears to be set up to service pre-purchased items including water, soft drinks, coffee, and other hot drinks. We were informed during our visit that the user groups may also serve pizza and hot dogs which are cooked elsewhere and warmed and served in the building.
 - b. The serving windows are not ADA-compliant. An ADA-compliant counter should be at least 36" long and no more than 36" from the finished grade.
 - c. There is an old stove top and oven in the cooking area that does not appear to function. This stove should be removed.
 - d. The storage area provided limited access and could benefit from a clean-out and reorganization.
 - e. There are no bathroom facilities in the concession/storage building.
 - f. The water bubbler just east of the concession building is not functioning. It is important to provide potable water near the field for athletes and coaches who use the facility. We recommend that the water bubbler be repaired or replaced at your earliest convenience.



Figure 16 – Concessions & Storage Building



Figure 17 – Concessions Area

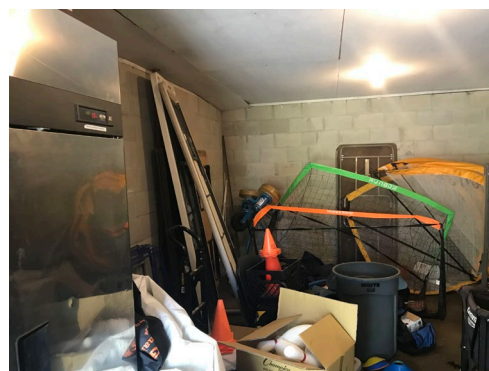


Figure 18 – Storage Area

6. **Bathroom Facilities:** The existing concessions/storage building is not large enough to accommodate the number of bathroom fixtures required by code. To be in compliance with the International Building Code (IBC), latest Edition, the Town of Bedford would need to provide the following fixture count as outlined in IBC Table 2902.1:

IBC Table 2902.1: Stadiums, amusement parks, bleachers and grandstands for outdoor sporting events and activities: Male: 1/75 for the first 1500 and 1 per 120 for the remainder exceeding 1500. Female: 1/40 for the first 1520 and 1 per 60 for the remainder exceeding 1500. For the purposes below we have divided the total capacity evenly between male and female attendees.

FACILITY/USE	CAPACITY	MALE	FEMALE	TOTAL TOILETS
Home Grandstands	600 Seats			
Visitor Bleachers	221 Seats			

<u>Track & Field</u>	<u>200 Athletes, Coaches & Officials</u>
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TOTAL	1021	7 Fixtures	13 Fixtures	20 Toilets
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For men, half of the total number of required fixtures can be wall-mounted urinals. Under the Massachusetts Building Code, an applicant can also request a waiver of up to 50% of the total number of fixtures required from the local building inspector. In our experience, this waiver is often granted so we have accounted for that reduction in the following preliminary layout plan.

Final Required Fixture Count:

Men: Four (4) Total Fixtures, two of which can be wall-mounted urinals.

Women: Seven (7) Total Fixtures.

The following preliminary layout shows six total fixtures for men and nine total fixtures for women. The plan shows at least one ADA-compliant fixture in each bathroom and includes an appropriate number of lavatory sinks required by the code.

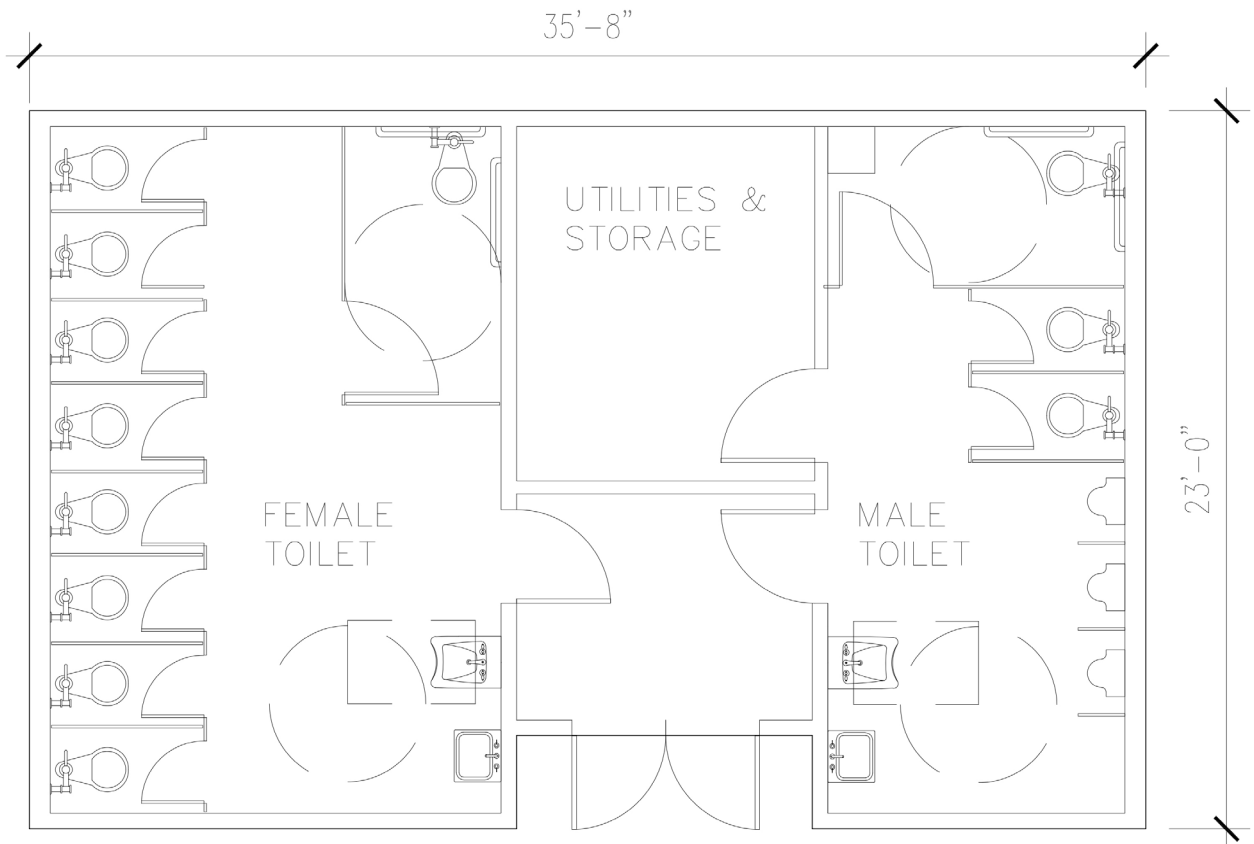


Figure 18 – Conceptual Bathroom Building Layout Plan (828 square feet)

7. **Sports Lighting:** The existing sports lighting is a four-pole system manufactured by Musco Sports Lighting and was installed in 2004. The light poles are approximately seventy feet (70') in height and contain fourteen (14) fixtures on each pole. **The foot-candle reading is not available at this time. HAI to confirm with Musco for the final report.** Conversion to an updated LED system would reduce energy consumption by up to 40% of the current demand.



Figure 19 – Sports Lighting



Figure 20 – Sports Lighting



8. **Parking & Walkways:** There are presently two locations available to gain access to the track & field facility. The first is from the north, parking at Bedford High School and walking down to the stadium. The path from the High School parking area down to the stadium is not ADA-compliant. The grades exceed 5% and the location of handicapped parking dedicated to the facility is not immediately obvious.



Figure 21 – Accessible Route to the HS.



Figure 22 – Accessible Route to the HS.

The second location is south of the existing facility, from the John Glenn Middle School on McMahon Road. There are gates from the Middle School to the field on both sides at the rear of the home grandstand. The access on the west side of the grandstand appears to meet the requirements for grade and slope. The access on the east side of the stadium is too steep and does not presently meet ADA codes.



Figure 23 – McMahon Road - East Entry



Figure 24 – McMahon Road - West Entry

9. **Preliminary Estimated Construction Costs:** The following is a summary of the preliminary estimated construction costs associated with the renovation of Sabourin Stadium to meet the recommendations contained in this report. Please be aware that these estimates are based on our historic experience with projects of similar scope and size. Actual construction costs will vary.



Preliminary Estimated Construction Costs

1. General Conditions & Site Prep:	\$ 245,000.00
2. 400m Running Track Renovation	\$ 731,000.00
3. Synthetic Turf Field Replacement	\$ 815,500.00
4. Bleacher & Grandstand Repair	\$ 43,500.00
5. Concessions & Storage Building Repair	\$ 18,500.00
6. New Bathroom Building	\$ 521,800.00
7. Site Improvements	<u>\$ 376,500.00</u>
8. SUBTOTAL	\$ 2,751,800.00
9. Design & Engineering (8%)	\$ 220,144.00
10. <u>Const. Contingency (5%)</u>	<u>\$ 137,590.00</u>
11. TOTAL COSTS	\$ 3,109,534.00

Please refer to the following attachments for photos, testing results, and documents mentioned within this report for additional information. Thank you for inviting us to assist in your effort. Please feel free to call with any further questions or concerns.

Sincerely;
Huntress Associates, Inc.

A handwritten signature in black ink, appearing to read 'Christian C. Huntress', with a stylized, flowing script.

Christian C. Huntress
President

Att:

ESTIMATE OF PROBABLE CONSTRUCTION COSTS

Project: Bedford High School - Sabourin Stadium Master Plan

Project Manager: CCH

Client: Town of Bedford

Plan Title: Sabourin Stadium Improvements

Date: August 22, 2023

By: Huntress Associates, Inc.
17 Tewksbury Street
Andover, MA 01810

ITEM	QUANTITY	UNIT	UNIT COST	TOTAL
SABOURIN STADIUM MASTER PLAN				
GENERAL CONDITIONS & SITE PREP				
Construction Bonds & Insurance	1	ls	\$35,000.00	\$ 35,000.00
Mobilization & De-mobilization	1	ls	\$40,000.00	\$ 40,000.00
Materials Testing & Lab Expenses	1	ls	\$10,000.00	\$ 10,000.00
Replace unsuitable materials (Allowance)	1	alw	\$5,000.00	\$ 5,000.00
Turf Field Removal & Recycling	1	alw	\$85,000.00	\$ 85,000.00
Site Prep & Demolition	1	alw	\$65,000.00	\$ 65,000.00
Silt Fence & Erosion Control	1	alw	\$5,000.00	\$ 5,000.00
Subtotal				\$245,000.00
400 METER TRACK RENOVATION				
Repair Existing ACO Trench Drain to remain	1	alw	\$ 25,000.00	\$ 25,000.00
Pulverize, Grade and Compact Existing Asphalt Surface	6,500	sy	\$ 10.00	\$ 65,000.00
New Bituminous Concrete - Asphalt Surface	6,500	sy	\$ 36.00	\$ 234,000.00
Resilient Surface (1/2" Polyurethane, Red - base mat structural spray)	6,500	sy	\$ 48.00	\$ 312,000.00
Long Jump / Triple Jump/ Pole vault systems	2	ea	\$ 20,000.00	\$ 40,000.00
Pole Vault Landing Pads, Boxes & Runway	1	allow	\$ 17,500.00	\$ 17,500.00
Shot Put Landing Area	1	ea	\$ 10,000.00	\$ 10,000.00
Safety Netting (Both Ends, replace existing)	1	ls	\$ 27,500.00	\$ 27,500.00
Subtotal				\$ 731,000.00
SYNTHETIC TURF FIELD REPLACEMENT				
Synthetic Turf - Subbase Repair & Laser Grading	1	alw	\$ 48,000.00	\$ 48,000.00
Synthetic Turf - Provide & Install New Multi-Purpose Synthetic Turf	90,000	sf	\$ 6.00	\$ 540,000.00
Synthetic Turf - Resilient Underlayment	90,000	sf	\$ 1.75	\$ 157,500.00
Synthetic Turf - Alternative Infill	90,000	sf	\$ 0.50	\$ 45,000.00
Repair Existing ACO Trench Drain to remain	1	alw	\$ 25,000.00	\$ 25,000.00
Subtotal				\$ 815,500.00
GRANDSTAND RENOVATION				
Repair & clean existing 600 seat Home Grandstands	1	alw	\$ 15,000.00	\$ 15,000.00
Repair & clean existing 221 seat Visitor Grandstands	1	alw	\$ 7,500.00	\$ 7,500.00
New Bituminous Concrete Walkway to HC Lift - Asphalt Surface	500	sy	\$ 36.00	\$ 18,000.00
Expanded Landing at two (2) stairs	2	ea	\$ 1,500.00	\$ 3,000.00
Subtotal				\$ 43,500.00
CONCESSIONS & STORAGE RENOVATION				
Handicapped serving window	1	alw	\$ 8,500.00	\$ 8,500.00
Repair & clean existing concession area	1	alw	\$ 5,000.00	\$ 5,000.00
Repair & clean existing storage area	1	alw	\$ 5,000.00	\$ 5,000.00
Subtotal				\$ 18,500.00
NEW BATHROOM BUILDING				
New Bathroom Building	828	sf	\$ 600.00	\$ 496,800.00
Pump for connection to existing sewer	1	alw	\$ 25,000.00	\$ 25,000.00
Subtotal				\$ 521,800.00
SITE IMPROVEMENTS				
Sports Lighting - Upgrade to LED	1	alw	\$ 250,000.00	\$ 250,000.00
Walkway, Egress & Pavement Repair	1	alw	\$ 35,000.00	\$ 35,000.00
Modification/Repair to existing chain link fence and gates	1	alw	\$ 15,000.00	\$ 15,000.00
Repair/Replace existing water bubbler	1	alw	\$ 4,500.00	\$ 4,500.00
Track & Field Equipment Storage Building	720	sf	\$ 100.00	\$ 72,000.00
Subtotal				\$ 376,500.00
Subtotal				\$ 2,751,800.00
Design & Engineering				\$ 220,144.00
5% Construction Contingency				\$ 137,590.00
TOTAL				\$ 3,109,534.00

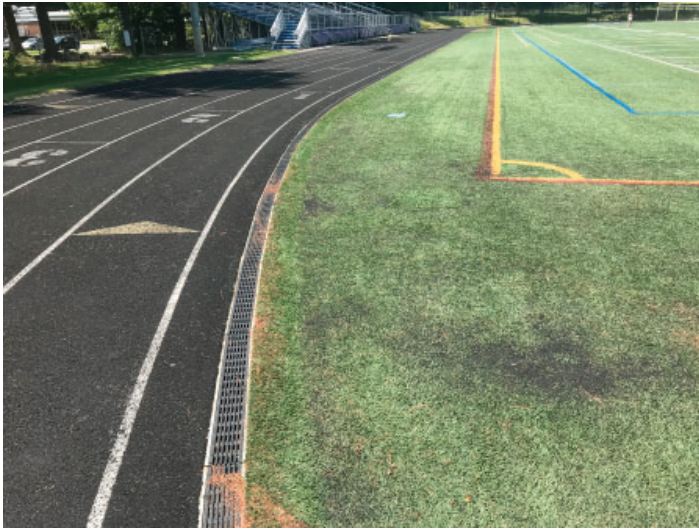


Photo 1 - Turf & Track Drainage Trench



Photo 2 - 400m Track - 'D' Area



Photo 3 - 400m Track - 'D' Area



Photo 4 - 400m Track - 'D' Area



Photo 5 - Existing Scoreboard



Photo 6 - Existing Safety Netting & Post



Photo 7 - Existing Track Surface



Photo 8 - Existing Track Surface



Photo 9 - Jump Pit - Settlement



Photo 10 - Jump Pit - Settlement



Photo 11 - Turf Field - End Lines



Photo 12 - Turf Field - Sidelines



Photo 13 - Turf Field - Irrigation Handhole



Photo 14 - Turf Field - Existing



Photo 15 - Turf Field - Center Logo



Photo 16 - Turf Field - Loose Fiber



Photo 17 -Turf Field - Loose Seam



Photo 18 - ACO Trench Drain - Full of Debris



Photo 19 - Existing Visitor Bleacher & Sports Lighting



Photo 20 - Existing Visitor Bleacher - Access



Photo 21 - Existing Visitor Bleacher



Photo 22 - Existing Visitor Bleacher - Front Aisle



Photo 23 - Existing Visitor Bleacher - Access



Photo 24 - Existing Visitor Bleacher - Access



Photo 25 - Existing Home Bleacher - Access



Photo 26 - Existing Home Bleacher - Missing End Caps



Photo 27 - Existing Home Bleacher - Front Aisle



Photo 28 - Existing Home Bleacher - Pressbox



Photo 29 - Existing Home Bleacher - HC Lift



Photo 30 - Existing Home Bleacher - HC Lift



Photo 31 - Existing Sports Lighting - MUSCO.



Photo 32 - Existing Concessions Building



Photo 33 - Existing Concessions Building



Photo 34 - Existing Pedestrian Access



Photo 35 - Existing Pedestrian Access



Photo 36 - Existing Pedestrian Access



Photo 37 - Existing Serving Windows



Photo 38 - Existing Concessions Building



Photo 39 - Existing Storage Area



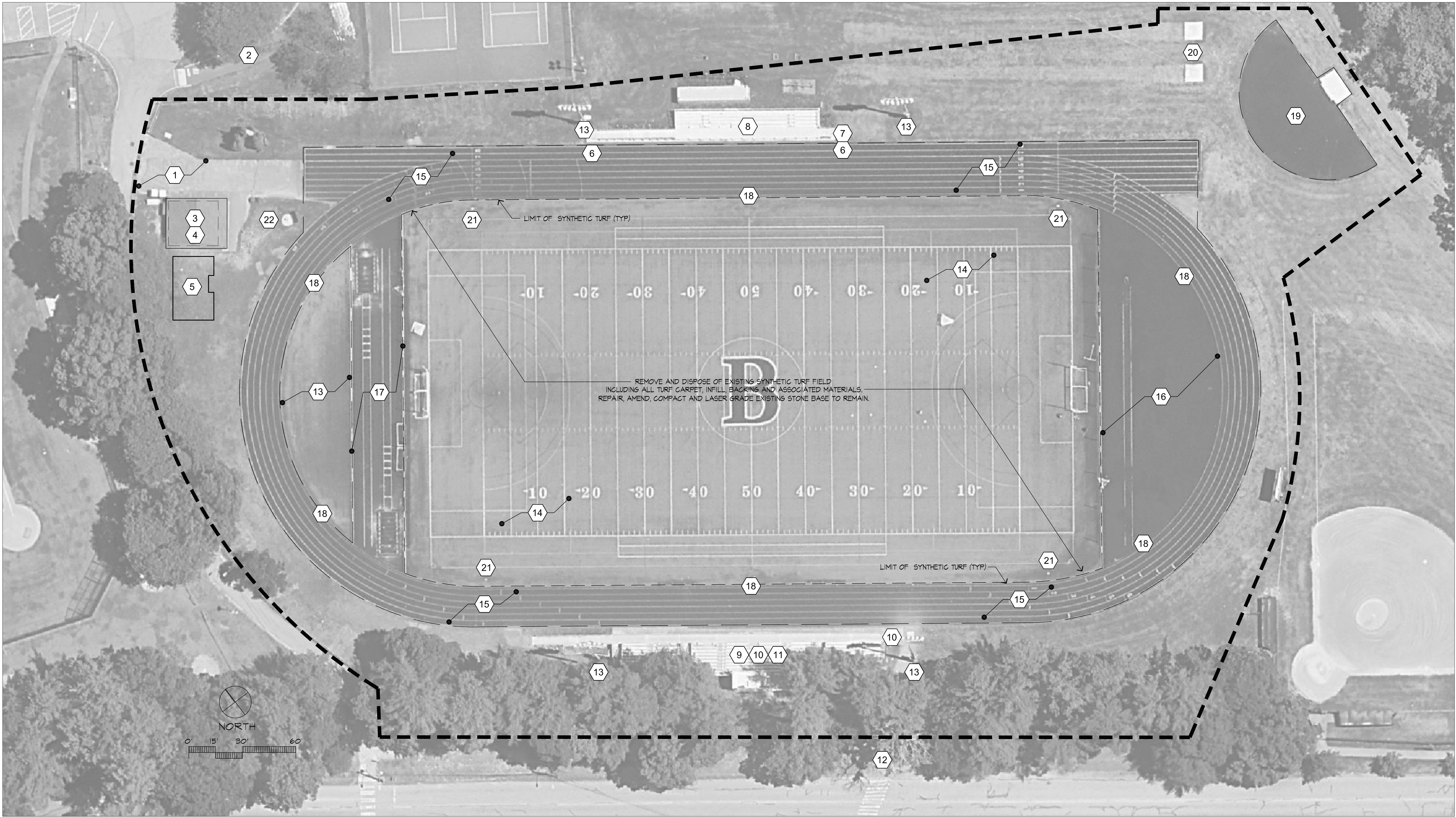
Photo 40 - Existing Concessions Area



Photo 41 - Existing Concessions Area



Photo 42 - Existing Water Bubblers



MASTER PLAN NOTATIONS & RECOMMENDATIONS

GATEWAY & ENTRY AREA

1. ENTRY AREA PAVEMENTS ARE UNEVEN AND DO NOT PROVIDE SMOOTH TRANSITION.
2. ACCESSIBLE ROUTE TO PARKING AREA EXCEEDS 5% IN SOME AREAS. NO CLEAR DEFINITION OF HANDICAPPED PARKING SPACES DEDICATED TO THE STADIUM USE.

CONCESSION & STORAGE BUILDING

3. CONCESSION WINDOWS ARE NOT ADA COMPLIANT. THE COUNTER SHOULD BE AT LEAST 36" LONG AND NO MORE THAN 36" ABOVE THE FLOOR HEIGHT.
4. NO BATHROOM FACILITIES ARE PROVIDED FOR THE GENERAL PUBLIC. PORTA-POTTIES DO NOT COUNT TOWARD BATHROOM FIXTURES.
5. NEW BATHROOM FACILITIES TO SUPPORT THE TRACK & FIELD AND BOTH GRANDSTANDS. REFER TO THE LETTER REPORT FOR DETAILS.

VISITOR BLEACHERS

6. THE ACCESSIBLE ROUTE TO THE BLEACHERS REQUIRES THAT ALL INDIVIDUALS WALK ACROSS THE 400M RUNNING TRACK SURFACE. WHILE NOT A VIOLATION OF THE ADA CODE, THIS IS A CONFLICT WHEN HOSTING EVENTS ON THE TRACK.
7. THE LOWER LANDING AREA ON THE EAST STAIR SHOULD BE ENLARGED TO BE A MINIMUM OF 5' X 5' SQUARE.

VISITOR BLEACHERS (CONT.)

8. THE BLEACHERS ARE MISSING SEVERAL END CAPS ON THE SEAT PLANKS. ADDITIONAL END CAPS SHOULD BE INSTALLED TO MINIMIZE EXPOSURE TO SHARP SURFACES.

HOME GRANDSTANDS

9. THE ACCESSIBLE ROUTE TO THE GRANDSTANDS REQUIRES THAT ALL INDIVIDUALS WALK ACROSS THE 400M RUNNING TRACK SURFACE. WHILE NOT A VIOLATION OF THE ADA CODE, THIS IS A CONFLICT WHEN HOSTING EVENTS ON THE TRACK.
10. THE GRANDSTANDS ARE MISSING SEVERAL END CAPS ON THE SEAT PLANKS. ADDITIONAL END CAPS SHOULD BE INSTALLED TO MINIMIZE EXPOSURE TO SHARP SURFACES. THE STAIR ON THE EAST END REQUIRES ADDITIONAL SUPPORT.
11. THE HANDICAPPED LIFT TO THE PRESSBOX IS NOT ACCESSIBLE. A GRANITE CURB WAS INSTALLED AT THE LOWER ENTRY TO THE LIFT AND CREATES A THRESHOLD OF APPROXIMATELY 1". THE AREA SHOULD BE REPAVED TO CREATE A SMOOTH AND LEVEL ENTRY INTO THE LIFT.
12. THE STADIUM ENTRY FROM THE SOUTH SIDE OF THE SITE IS NOT HANDICAPPED ACCESSIBLE. THE GRADE EXCEEDS 8% AND IS NOT COMPLIANT WITH ADA REQUIREMENTS.

SPORTS LIGHTING

13. THE EXISTING SPORTS LIGHTING IS AN OLDER TECHNOLOGY. THE TOWN SHOULD CONSIDER UPGRADING THE LIGHT FIXTURES TO LED COMPONENTS. A CHANGE TO LED WILL RESULT IN APPROXIMATELY 40% REDUCTION IN ENERGY CONSUMPTION. THE EXISTING SPORTS LIGHT POLES AND TRANSFORMERS CAN REMAIN IN PLACE.

MULTI-PURPOSE SYNTHETIC TURF FIELD

14. THE EXISTING SYNTHETIC TURF FIELD WAS INSTALLED IN 2013 AND IS NEARING THE END OF ITS USEFUL LIFE. LOOSE AND BROKEN TURF FIBERS ARE EVIDENT THROUGHOUT THE PLAYING SURFACE. THE OWNER SHOULD REPLACE THE EXISTING SURFACE WITHIN THE NEXT TWO (2) YEARS. REFER TO OUR LETTER REPORT AND PHOTOS FOR ADDITIONAL INFORMATION.

400M RUNNING TRACK

15. THE EXISTING 400M RUNNING TRACK IS OVER TWENTY (20) YEARS OLD. THE RESILIENT SURFACE IS SHOWING SIGNS OF WEAR AND DEGRADATION. THE BITUMINOUS ASPHALT BASE IS SHOWING SIGNS OF SHRINKING & CRACKING THAT ARE TYPICAL OF ASPHALT OF THIS AGE. THE OWNER SHOULD CONSIDER RECONSTRUCTION OF THE ENTIRE 400M RUNNING TRACK WITHIN THE NEXT TWO (2) YEARS. REFER TO OUR LETTER REPORT AND PHOTOS FOR ADDITIONAL INFORMATION.
16. EAST 'D' AREA: THE EAST 'D' AREA WAS PAVED IN 2013 DURING THE RENOVATION OF THE INFILL SURFACE AND IS USED FOR THE HIGH JUMP. THIS ASPHALT SURFACE SHOULD BE RECLAIMED WHEN THE 400M RUNNING TRACK SURFACE IS RECONSTRUCTED.

400M RUNNING TRACK (CONT.)

17. WEST 'D' AREA: THE WEST 'D' AREA WAS ALSO INSTALLED DURING 2013 AND IS USED FOR THE LONG-TRIPLE JUMP EVENTS. THE PAVEMENT IS SETTLING AROUND THE JUMPING EVENTS AND SHOULD BE REMOVED/REBUILT WHEN THE 400M RUNNING TRACK SURFACE IS RECONSTRUCTED.

18. THE TRENCH DRAIN SURROUNDING THE FIELD IS CLOGGED WITH DEBRIS AND SHOULD BE JET CLEANED. ALL CATCH BASINS AND SUMPS CONNECTED TO THE DRAINAGE SYSTEM SHOULD ALSO BE INSPECTED AND CLEANED AS NECESSARY.

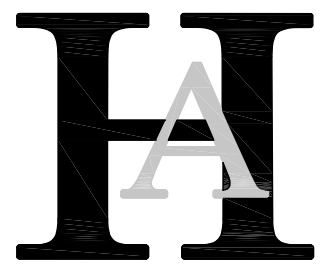
TRACK FIELD EVENTS

19. HIGH JUMP: THE HIGH JUMP AREA WAS CONSTRUCTED IN 2013. THE OWNER SHOULD CONSIDER RECONSTRUCTION OF THE HIGH JUMP AREA WHEN THE 400M RUNNING TRACK IS RENOVATED.

20. SHOT PUT: THE SHOT PUT AREAS WERE CONSTRUCTED IN 2013. THE CONCRETE THROWING CIRCLES ARE IN GOOD CONDITION AND CAN BE REUSED. THE OWNER SHOULD CONSIDER THE INSTALLATION OF A STONE DUST LANDING AREA.

UTILITIES

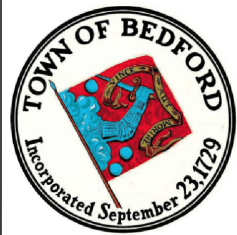
21. THERE APPEARS TO BE IRRIGATION UNDER THE EXISTING SYNTHETIC TURF FIELD. WE RECOMMEND THAT THE WATER SYSTEM UNDER THE FIELD BE REMOVED DURING THE RENOVATION OF THE MULTI-PURPOSE SYNTHETIC TURF PLAYING SURFACE.
22. THE WATER SERVICE TO THE BUBBLER IS NOT OPERATIONAL. THE WATER BUBBLER SHOULD BE REPAIRED OR REPLACED TO ALLOW FOR ACCESS TO POTABLE WATER DURING PRACTICES AND GAMES.



Huntress Associates, Inc.

Landscape Architecture & Land Planning

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978 470 8882 FAX 978 470 8890



TOWN OF
BEDFORD
MASSACHUSETTS

Project:

Bedford High School

Bedford, Massachusetts

Drawing Title:

**Sabourin Field
Site Improvements**

**Master Plan
Improvements**



Revision Date

Scale:	1" = 30'	Drawing No.
Date:	8.22.23	Sp-1
Job:	00-107	
File:	PR-det	
Drawn:	GCH	
Checked:	--	of 1