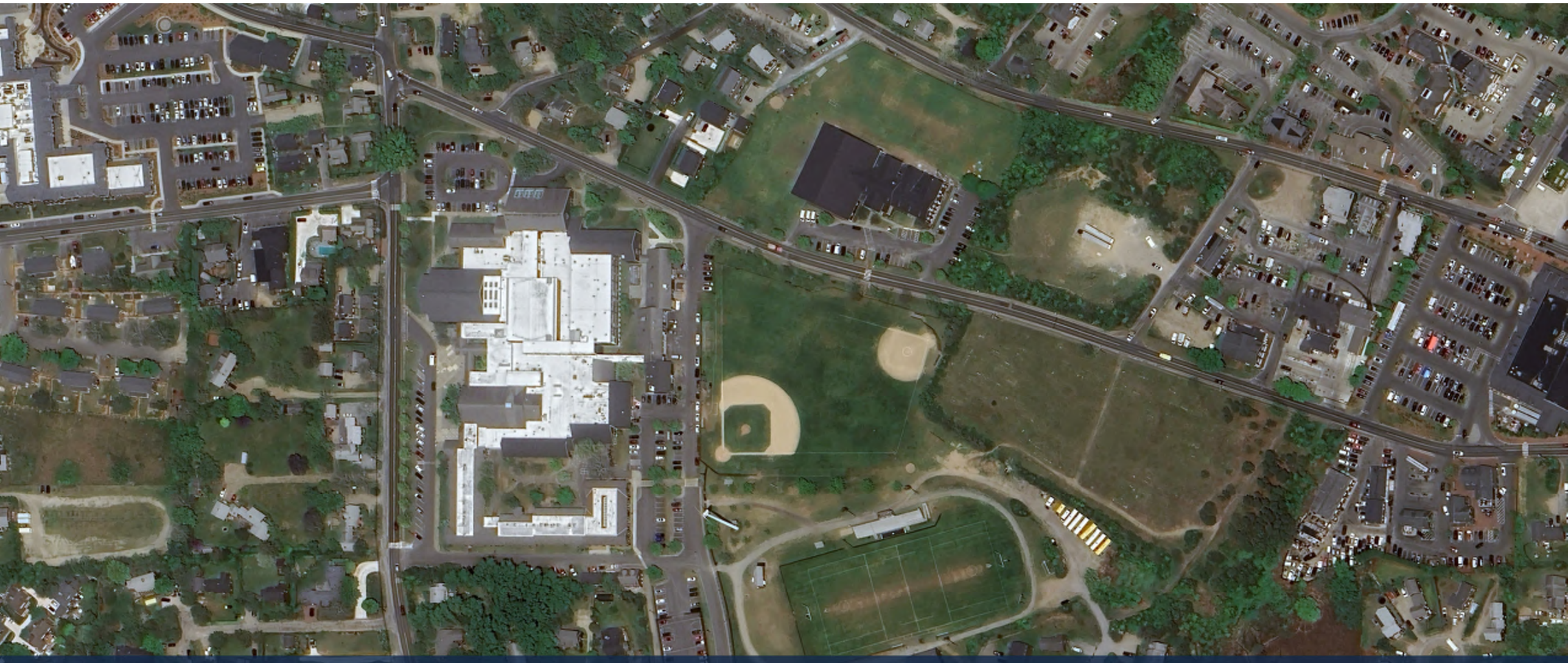
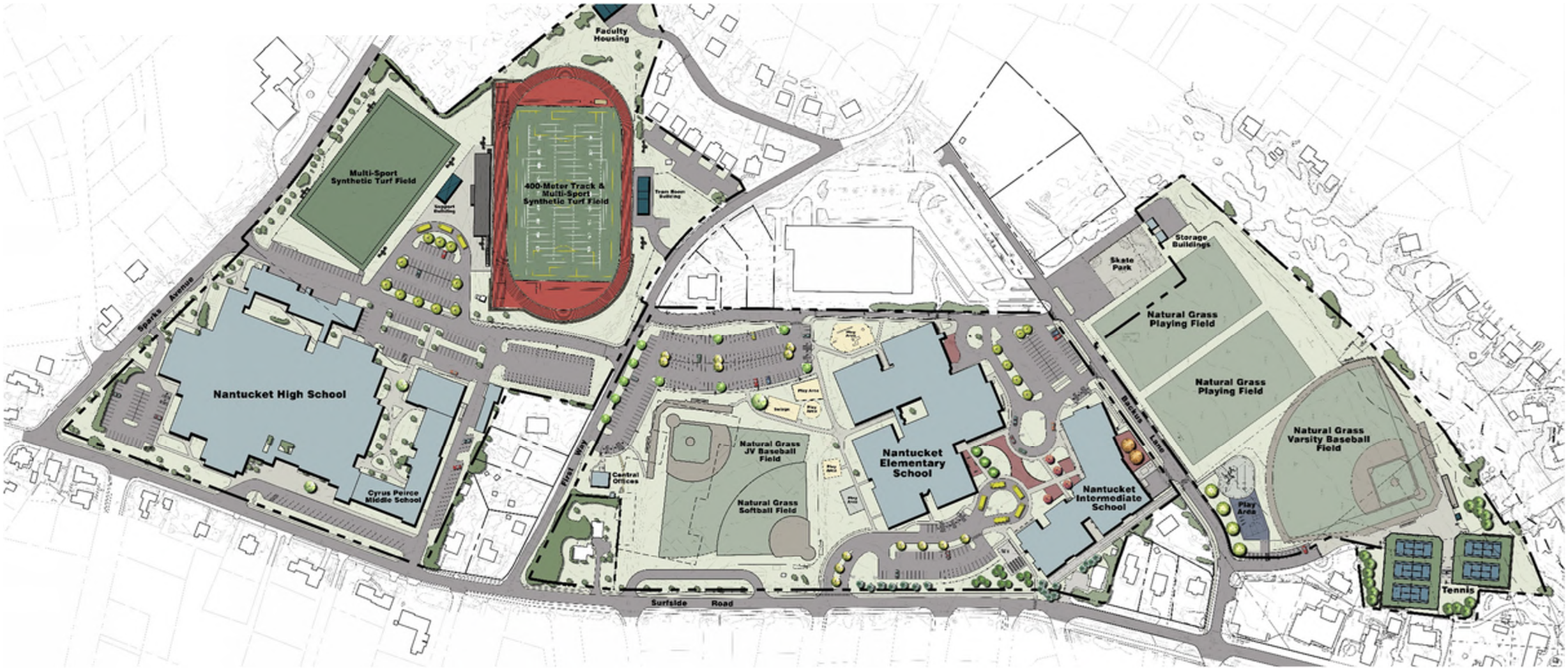


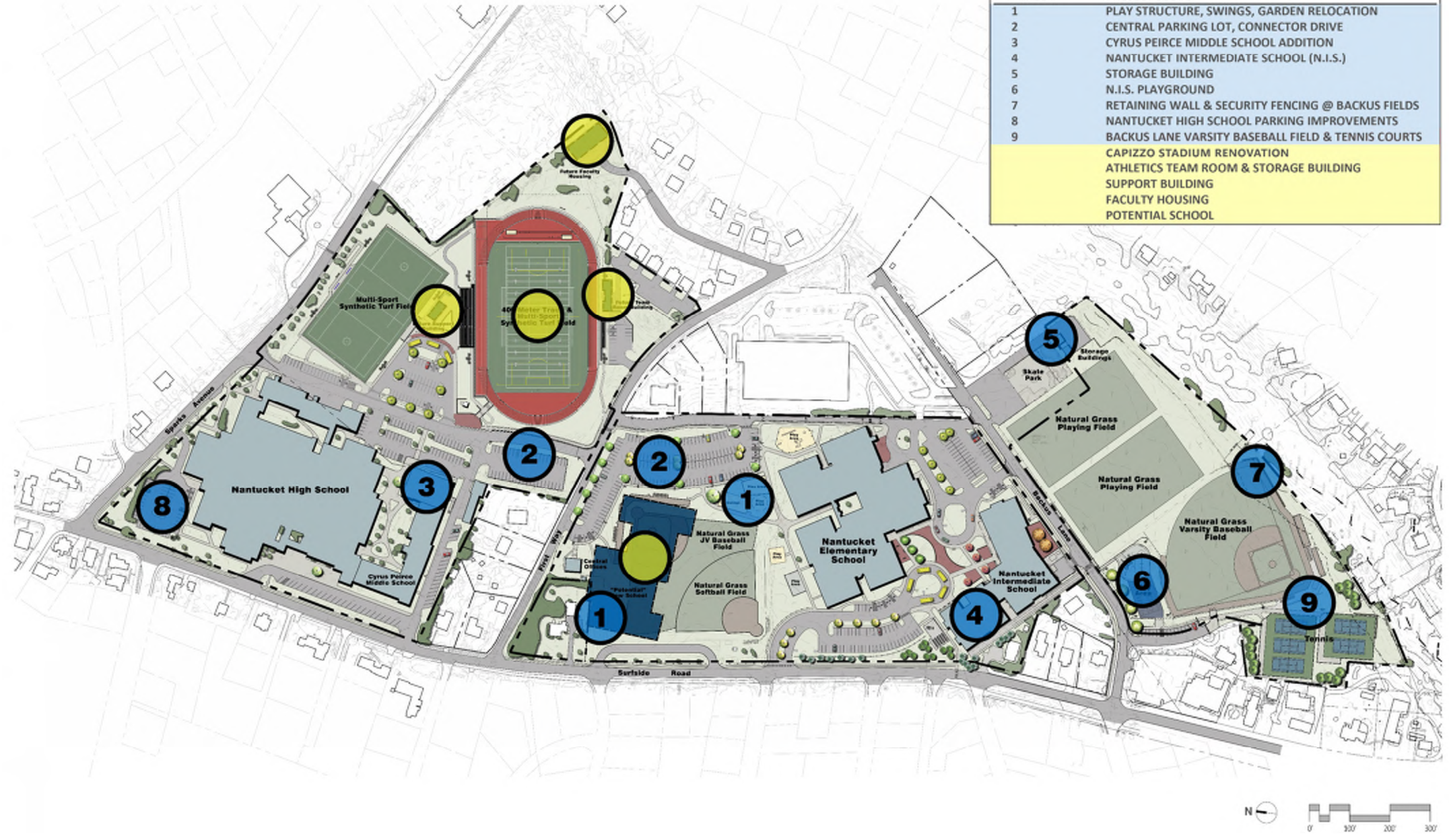
02-19-2026

Nantucket Public Schools
Capizzo Stadium Renovation Project



Campus Master Plan (2021)

PHASE #	PROJECT SCOPE
1	PLAY STRUCTURE, SWINGS, GARDEN RELOCATION
2	CENTRAL PARKING LOT, CONNECTOR DRIVE
3	CYRUS PEIRCE MIDDLE SCHOOL ADDITION
4	NANTUCKET INTERMEDIATE SCHOOL (N.I.S.)
5	STORAGE BUILDING
6	N.I.S. PLAYGROUND
7	RETAINING WALL & SECURITY FENCING @ BACKUS FIELDS
8	NANTUCKET HIGH SCHOOL PARKING IMPROVEMENTS
9	BACKUS LANE VARSITY BASEBALL FIELD & TENNIS COURTS
	CAPIZZO STADIUM RENOVATION
	ATHLETICS TEAM ROOM & STORAGE BUILDING
	SUPPORT BUILDING
	FACULTY HOUSING
	POTENTIAL SCHOOL

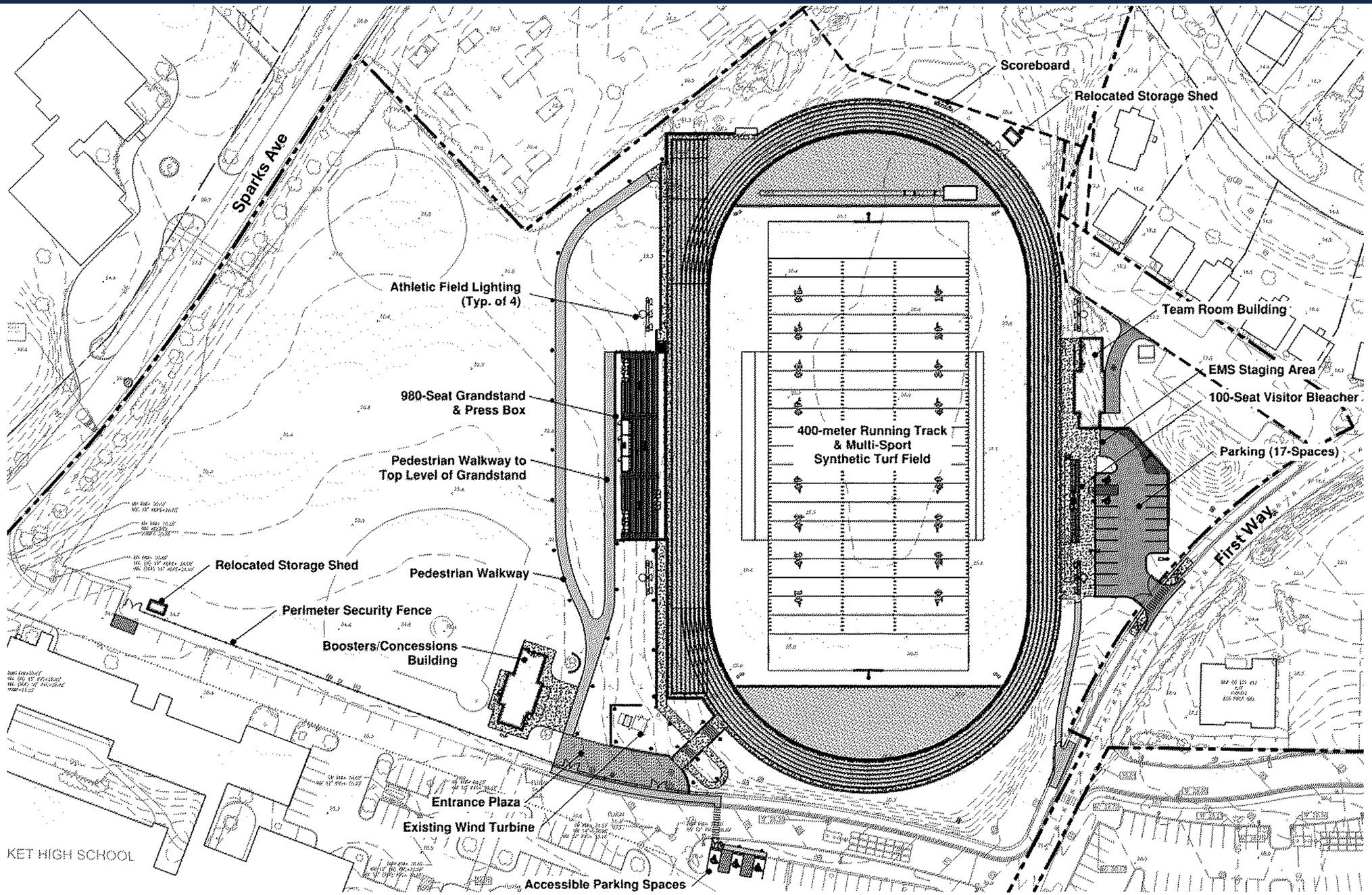


Campus Master Plan – Phasing (2013 to present day)

SMRT

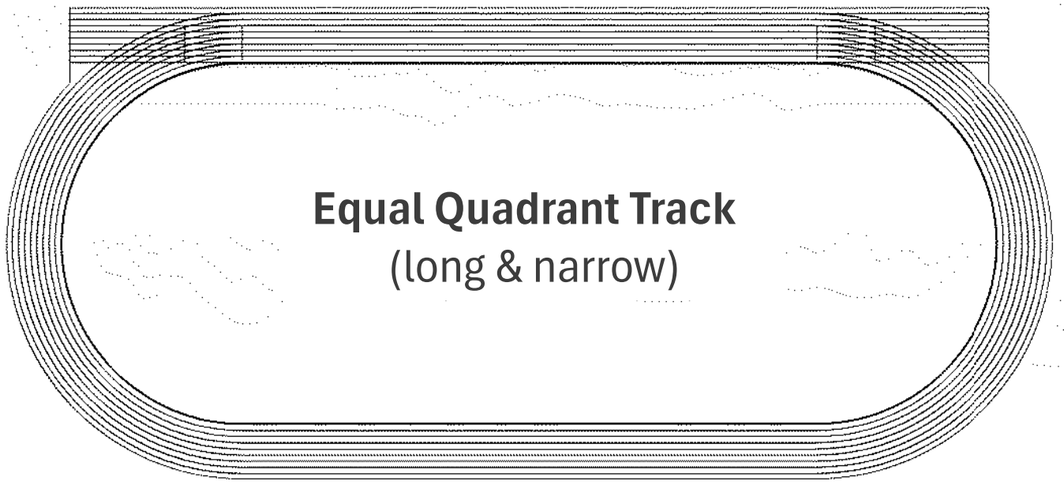
- New 400-meter Regulation Track (6/8 lanes; unequal quadrant)
- New Multi-Sport Field (210’ x 360’)
- New Grandstand & Press Box (980-Seats)
- New Athletic Field Lighting
- New Team Room Building
- New Boosters / Concessions Building
- New Parking & Emergency Vehicle Access
- New Drainage & Utility Improvements (Water, Sanitary, Electrical)

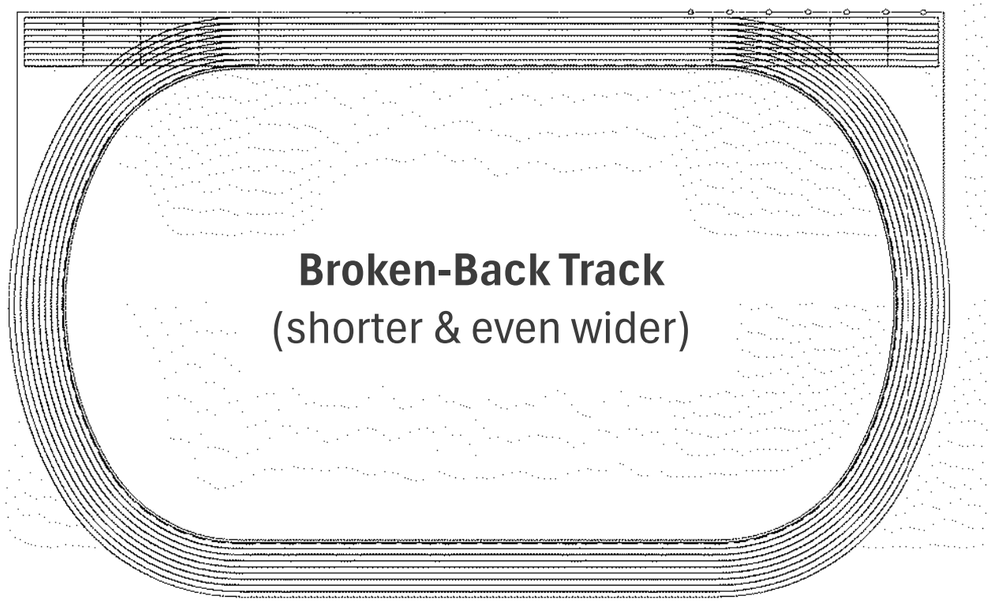
Capizzo Stadium Renovation – Proposed Program Requirements

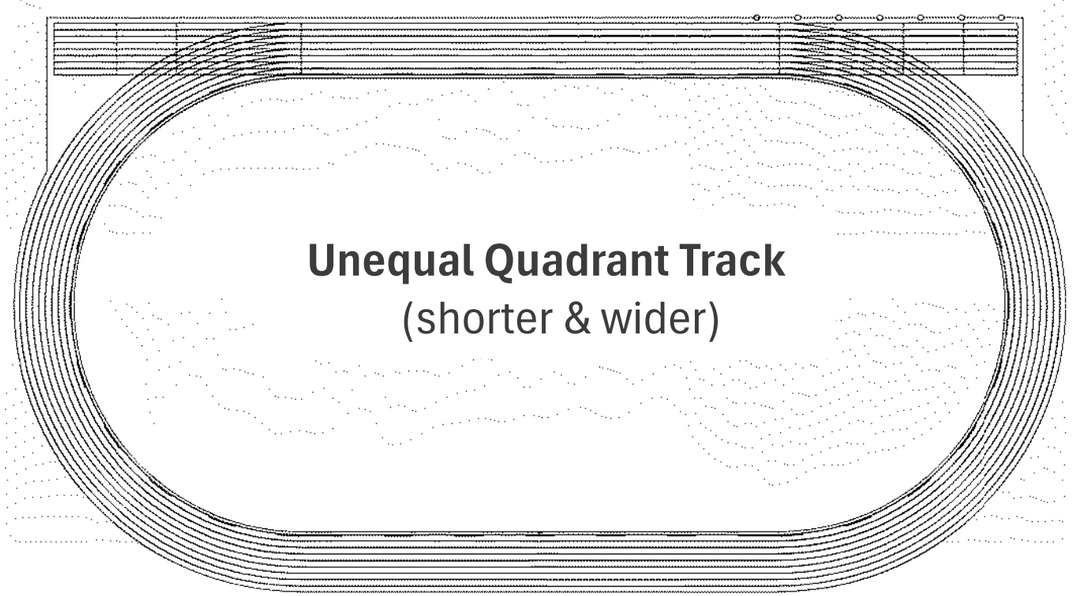


Capizzo Stadium Renovation Plan

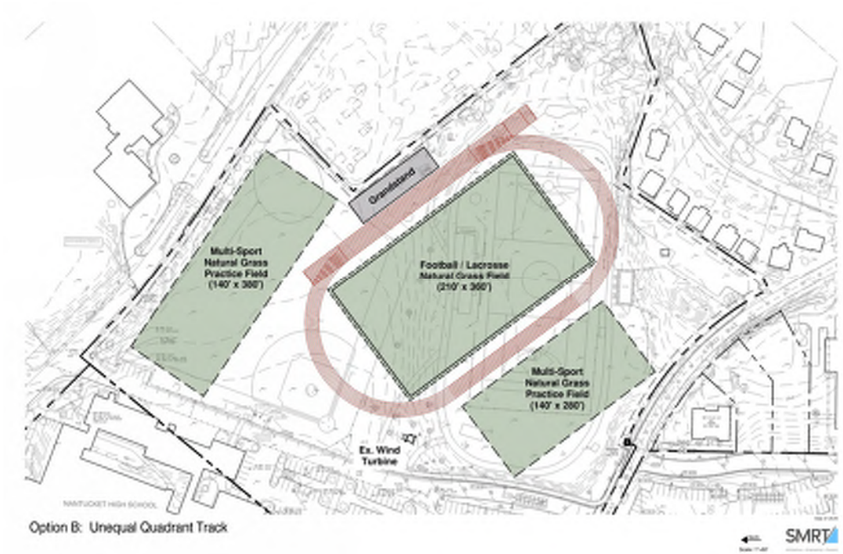
Track & Field Improvements



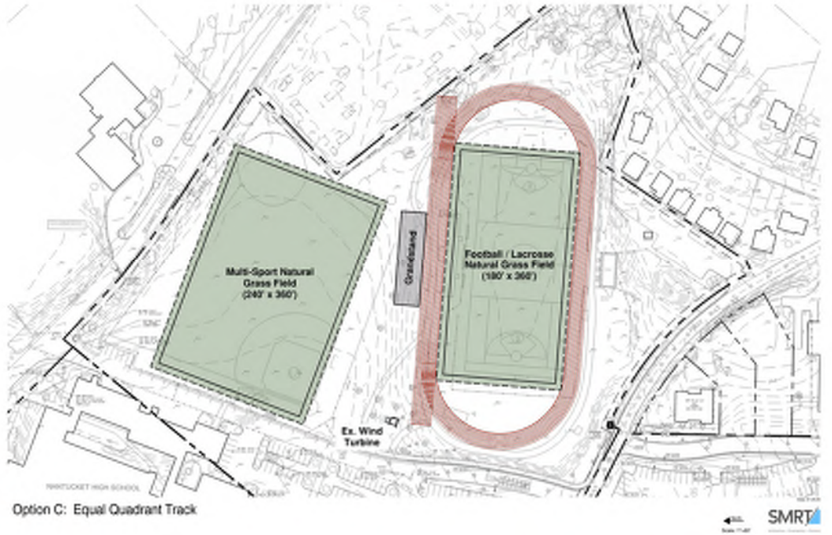




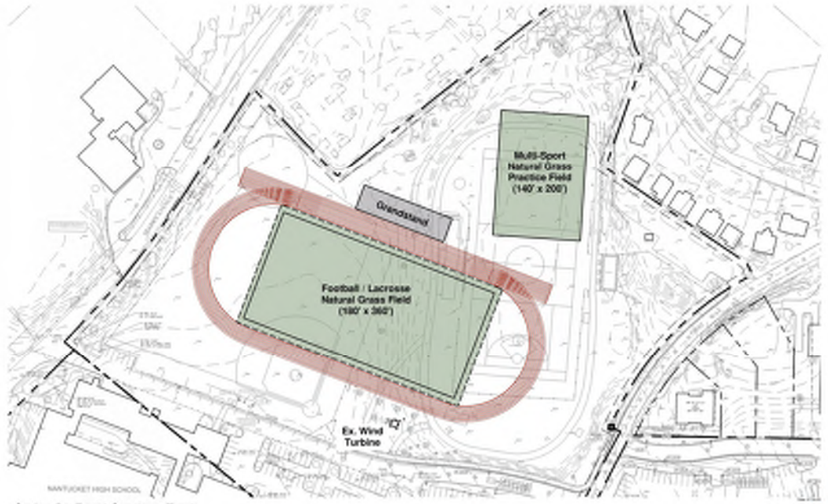
400-meter Running Track Geometry Options



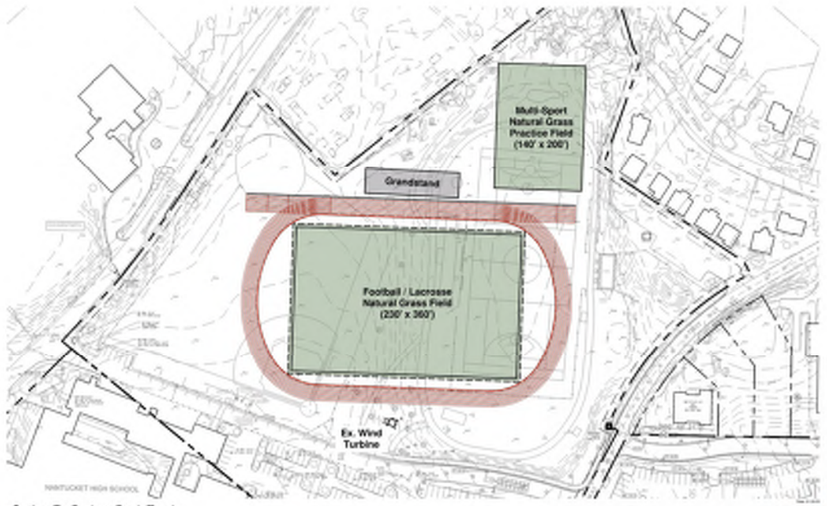
Option B: Unequal Quadrant Track



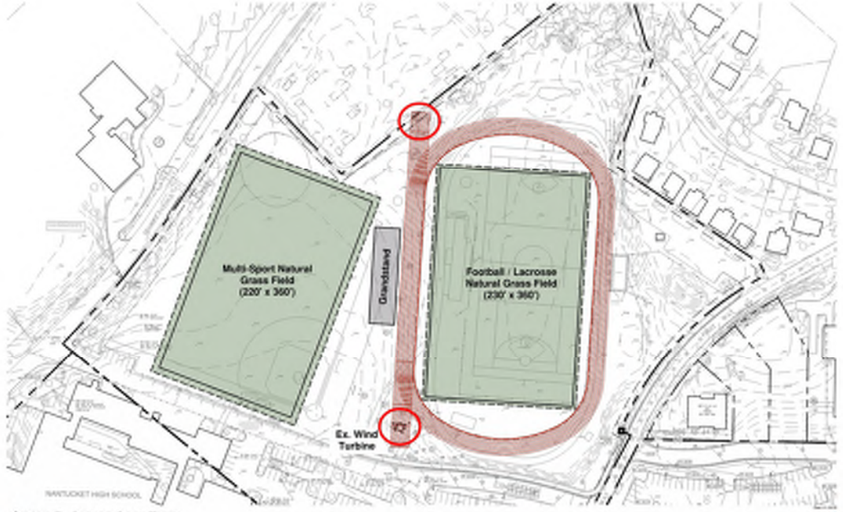
Option C: Equal Quadrant Track



Option D: Equal Quadrant Track

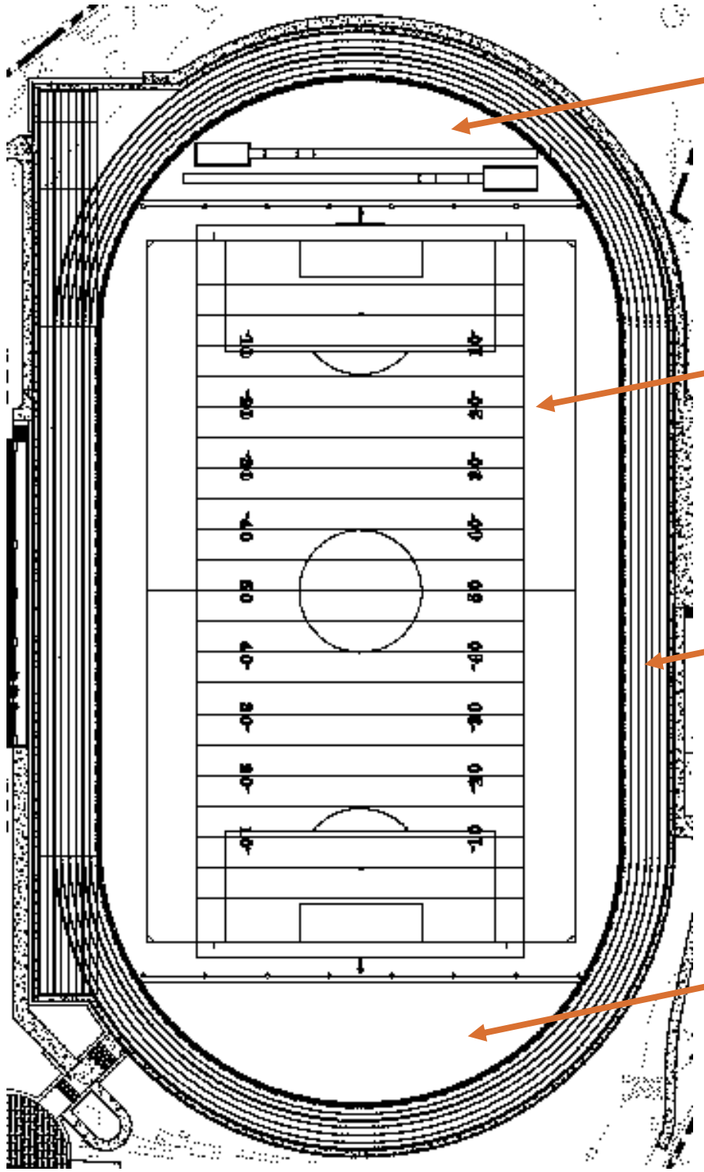


Option E: Broken-Back Track



Option F: Broken-Back Track

Track Layout Options



D-Zone; Long Jump & Triple Jump

Football, Lacrosse, Soccer Field
(210’ x 360’)

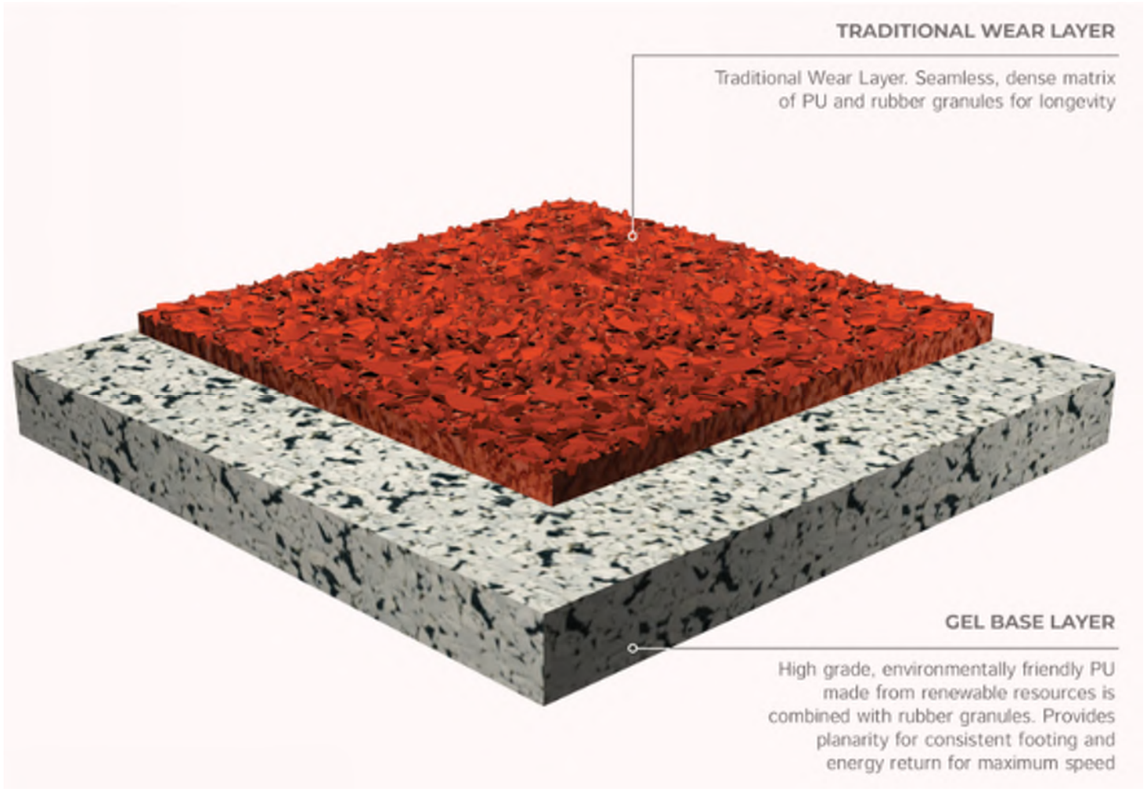
400-meter 6/8 Lane Running
Track (Unequal Quadrant)

D-Zone; High Jump

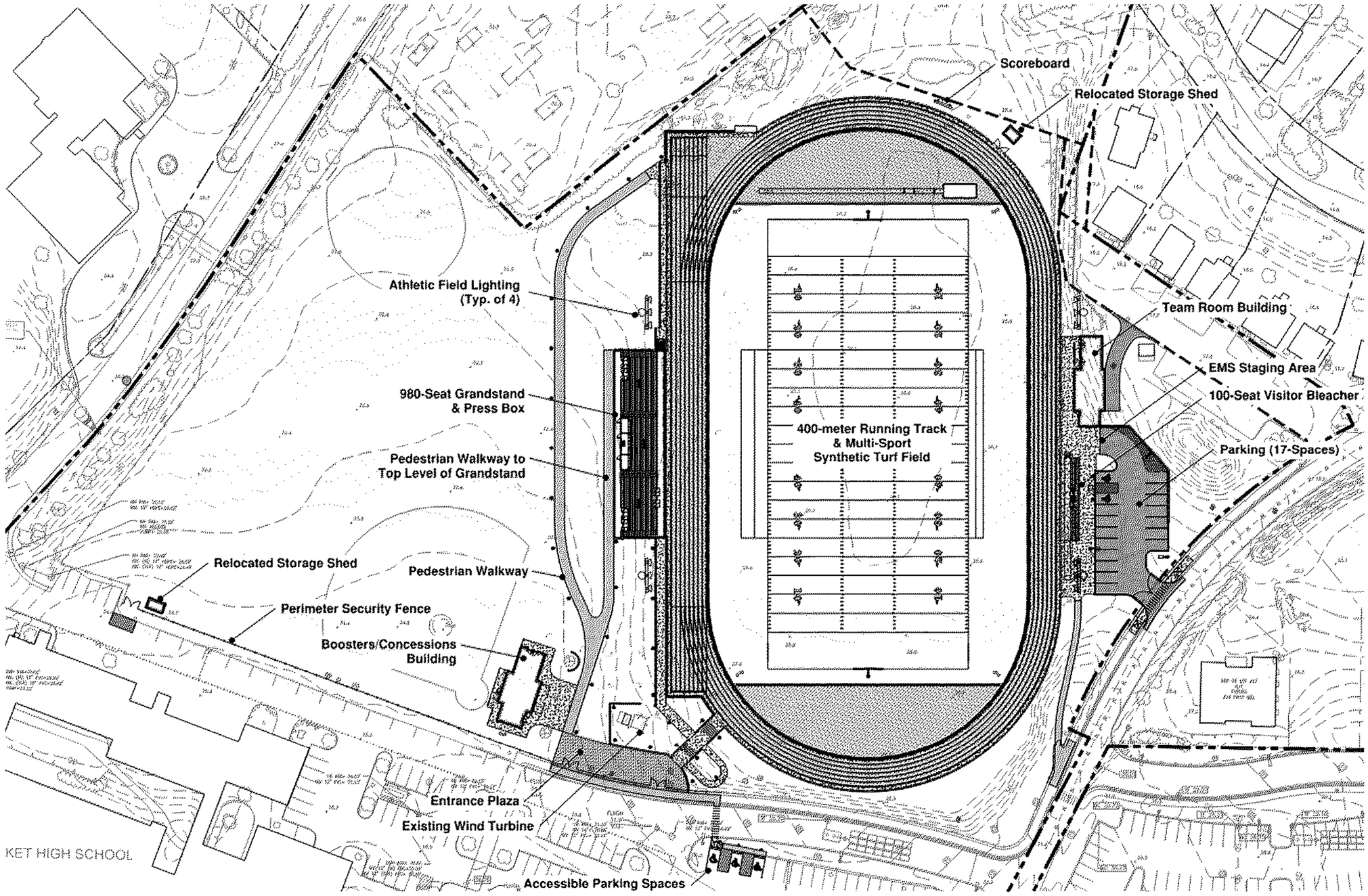
Unequal Quadrant Track

- Running Track
  - Rekortan G13 (Gel Series)

- The green technology Gel layer is made from 84% renewable and recycled materials.
- The gel layer features bio-based polyols, rather than the carbon-based oils used in traditional polyurethane tracks.



Proposed Running Track Surfacing



Capizzo Stadium Renovation Plan

Photo from The Nantucket Inquirer & Mirror

Photo from Grey Lady Aerials via The Nantucket Courant

Existing Capizzo Stadium Field

Table 1. Expected Field Condition Based on Hours of Field Use per Year

Expected Field Condition	Field Use (Hours per Year)
Sustained good field conditions	200 hours or less
Good field conditions with some thinning of the turf and localized wear areas	400 to 600 hours
Fair field conditions; expect significant thinning and wear.	800 to 1,000 hours
Significant turf loss, field surface damage, increased potential for athlete injury	More than 1,000 hours

Chart from article entitled “Maximizing the Durability of Athletic Fields”, published Jan. 2010
Dr. Grady Miller; Professor & Extension Specialist – Crop & Soil Sciences
North Carolina State University

Natural Grass Field Conditions

		Spring		Summer		Fall		Winter		Yearly Totals		Recommended
Field Type	Sport/Use	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours
Vito Capizzo Stadium	V&JV Football	0	0	0	0	175	65	0	0	175	65	
	CPS Football	0	0	0	0	68	20	0	0	68	20	
	V&JV Boys Lax	125	34	0	0	0	0	0	0	125	34	
	V&JV Girls Lax	125	38	0	0	0	0	0	0	125	38	
	NHS Cross Country	0	0	0	0	22	35	0	0	22	35	
	CPS Cross Country	0	0	0	0	16	25	0	0	16	25	
	NHS Indoor Track	0	0	0	0	0	0	12	35	12	35	
	NHS Outdoor Track	15	35	0	0	0	0	0	0	15	35	
	Misc. Summer Use	0	0	36	40	0	0	0	0	36	40	
	P.E. / Recess	75	300	0	0	75	300	50	300	200	900	
	V Cheerleading	0	0	3	15	24	17	0	0	27	32	
	Community School	0	0	0	0	2	14	0	0	2	14	
	Maintanance/Recovery									0	0	
	TOTALS	340	407	39	55	382	476	62	335	823	1273	

	Sport/Use	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours
Upper Fields	JV Softball	120	17	0	0	0	0	0	0	120	17	
	V&JV Football	0	0	0	0	125	65	0	0	125	65	
	CPS Football	100	14	0	0	100	20	0	0	200	34	
	V&JV Field Hockey	0	0	0	0	185	92	0	0	185	92	
	CPS Field Hockey	0	0	0	0	140	44	0	0	140	44	
	Misc. Summer Use	0	0			0	0	0	0	0	0	
	P.E. / Recess	255	60	0	0	255	60	0	0	510	120	
	V Cheerleading	0	0	0	0	8	30	0	0	8	30	
	Community School	0	0	0	0	0	0	0	0	0	0	
	Maintanance/Recovery									0	0	
	TOTALS	355	74	0	0	813	311	0	0	1288	402	

Existing Field Usage Analysis

	Sport/Use	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours
NES Fields	V&JV Boys Soccer	0	0	0	0	35	46	0	0	35	46	
	CPS Baseball	100	25	0	0	0	0	0	0	100	25	
	JV Baseball	110	22	0	0	0	0	0	0	110	22	
	CPS Boys Soccer	0	0	0	0	15	22	0	0	15	22	
	V&JV Girls Soccer	0	0	0	0	144	38	0	0	144	38	
	CPS Girls Soccer	0	0	0	0	100	26	0	0	100	26	
	V&JV Softball	120	32	0	0	0	0	0	0	120	32	
	P.E. / Recess	165	All Students	67.5	All Students	165	All Students	67.5	All Students	465	all students	
	V Cheerleading	0	0	0	0	0	0	0	0	0	0	
	Community School	0	0	0	0	0	0	0	0	0	0	
	Maintanance/Recovery									0	0	
	TOTALS	**495**	**79**	**67.5**	**0**	**459**	**132**	**67.5**	**0**	**1089**	**211**	

	Sport/Use	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours	Athletes	Hours
Backus Lane Fields	V&JV boys lax	135	34	0	0	0	0	0	0	135	34	
	V&JV girls lax	135	38	0	0	0	0	0	0	135	38	
	V&JV Boys Soccer	0	0	0	0	145	46	0	0	145	46	
	V&JV Girls Soccer	0	0	0	0	35	38	0	0	35	38	
	V&JV Baseball	165	42	0	0	0	0	0	0	165	42	
	CPS Boys Soccer	0	0	0	0	100	22	0	0	100	22	
	CPS Girls Soccer	0	0	0	0	35	26	0	0	35	26	
	CPS Baseball	35	25	0	0	0	0	0	0	35	25	
	P.E. / Recess	97.5	361			97.5	361			360	all-students	
	V Cheerleading	0	0	32	15	0	0	0	0	32	15	
	Community School	0	0	35	40	0	0	0	0	35	40	
	Maintanance/Recovery									0	0	
	TOTALS	**567.5**	**500**	**67**	**55**	**412.5**	**493**	**0**	**0**	**1212**	**326**	

Nobadeer Farm Road Turf Field	Sport/Use					Hours	Athletes
	Varsity Girls Soccer					165	18
	Totals						

Existing Field Usage Analysis

- Natural Grass Field
  - 600 hrs/yr (good to fair field condition)
  - Open for 24 weeks +/-

- Synthetic Turf Field
  - 2,100 hrs/yr (6 hrs/day w/ field lighting)
  - Open year round

- To maintain a high-performance natural grass field (based on 200 hrs/yr), it should be used for (8) hrs/week, maximum.

- To maintain a good to fair performance natural grass field (based on 600 hrs/yr), it should be used for (25) hrs/week, maximum.

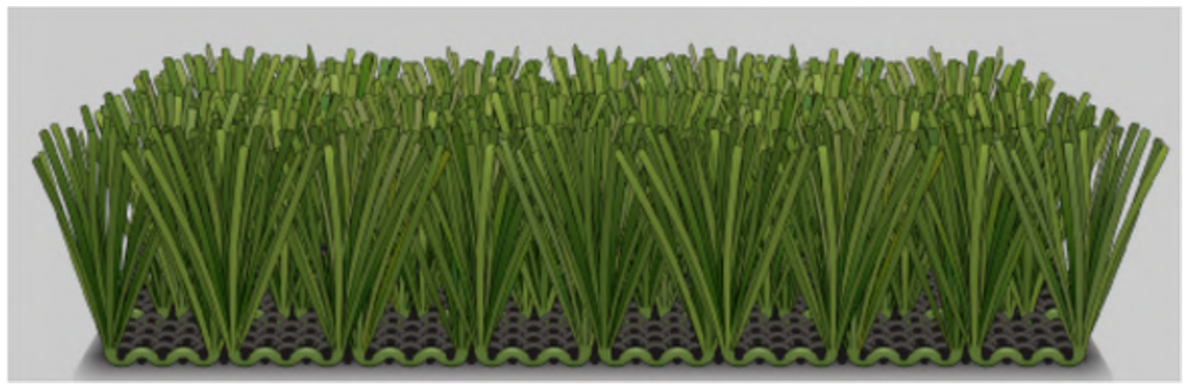
- (1) Synthetic Field = (3 - 3.5) Natural Grass Fields (in usage hrs)

Field Usability

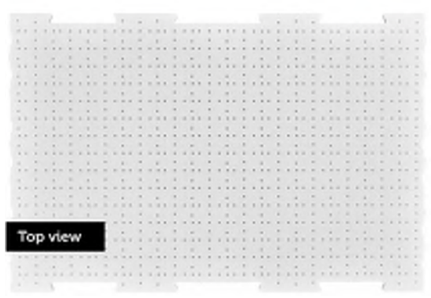
- Synthetic Turf Field
  - Full turf and infill replacement: every 8-12 yrs (standard warranty is 8 yrs)

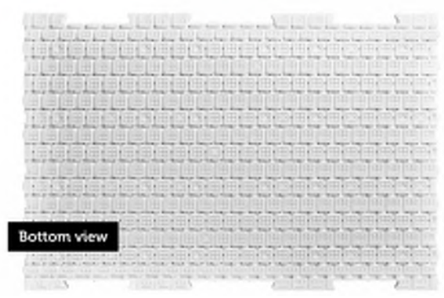
Field Lifespan Analysis

- Synthetic Turf Field
  - Greenfields Ironturf
  - Brock FILL
  - Brock Shock Pad (Powerbase/YSR)



POWERBASE/YSR BY BROCK





BROCKFILL® THE ENGINEERED INFILL FOR ATHLETES

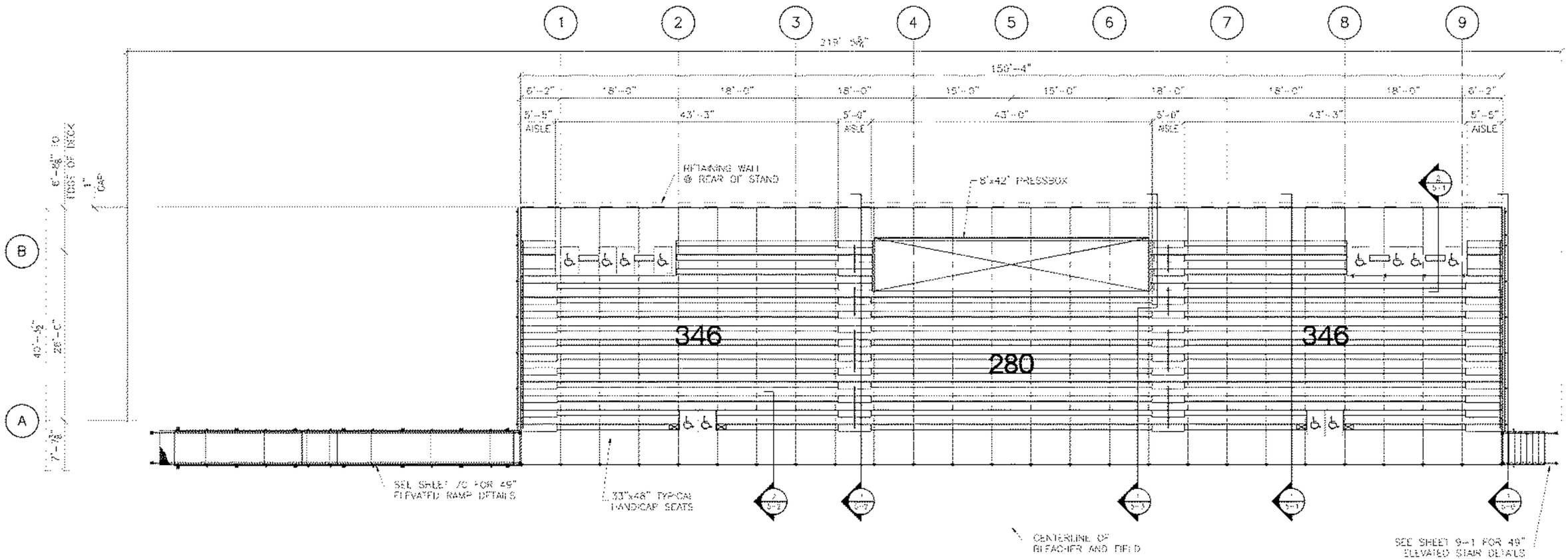
Proposed Synthetic Turf Field Products/Materials

Location: Rockland, MA

Location: Baton Rouge, LA

- Mechanical Recycling – all components (carpet, backing, infill)
- Output Materials – sand, rubber, low-density polyethylene pellets
- Recycling Capacity – 5,000,000 + SF annually (minimum)

Synthetic Turf Recycling

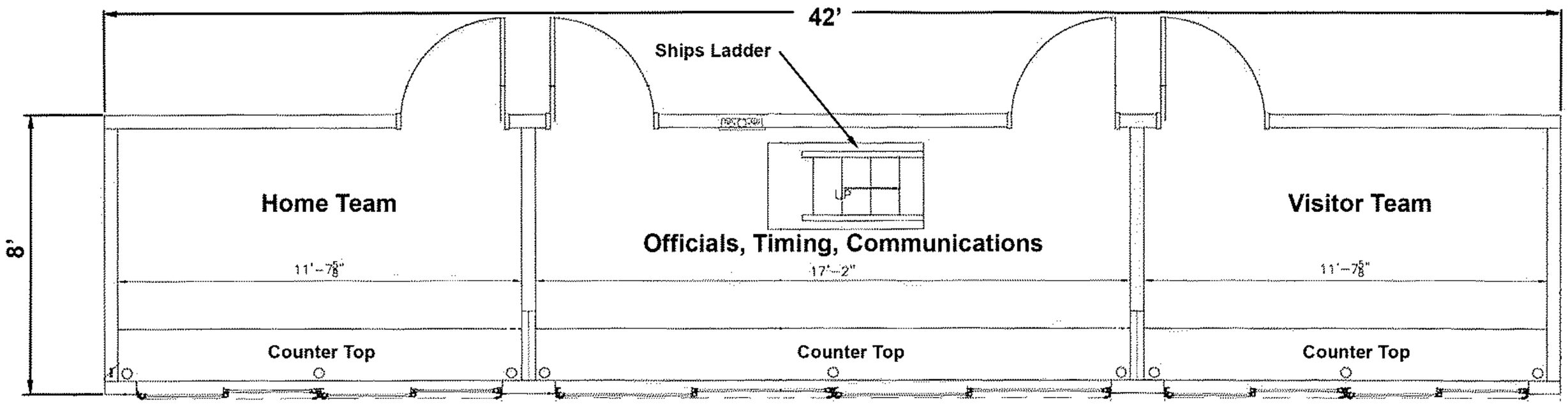


SEATING PLAN

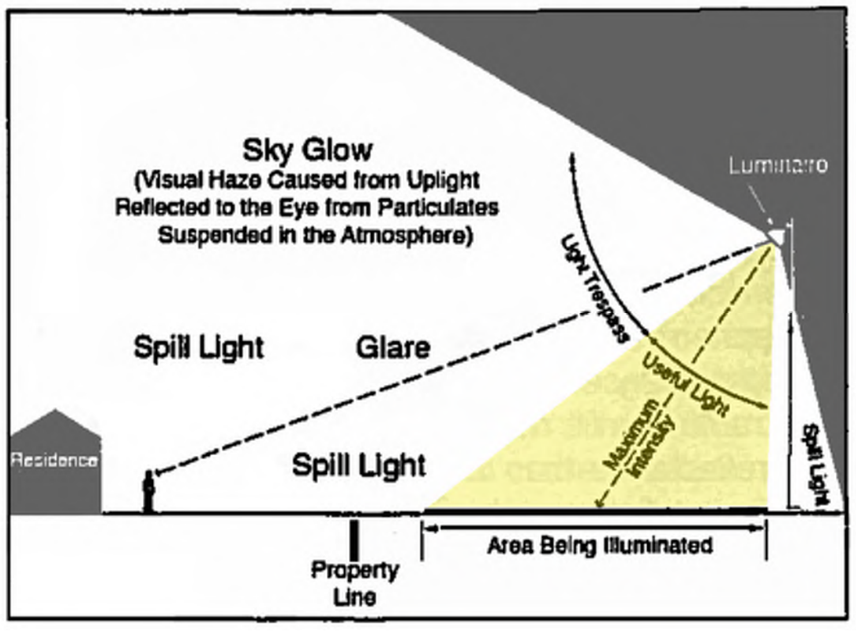
SCALE: N.T.S.

ROWS 14	ELEVATION 56"	
RISE 10	RUN 26	
DECK SYSTEM –	INTERLOCKING	
DECK FINISH –	SSRD	
BENCH SEATING CAPACITY		972
CHAIR SEATING CAPACITY		0
WHEELCHAIR SEATING CAPACITY		12
COMPANION SEATING CAPACITY		12
TOTAL SEATING CAPACITY		996

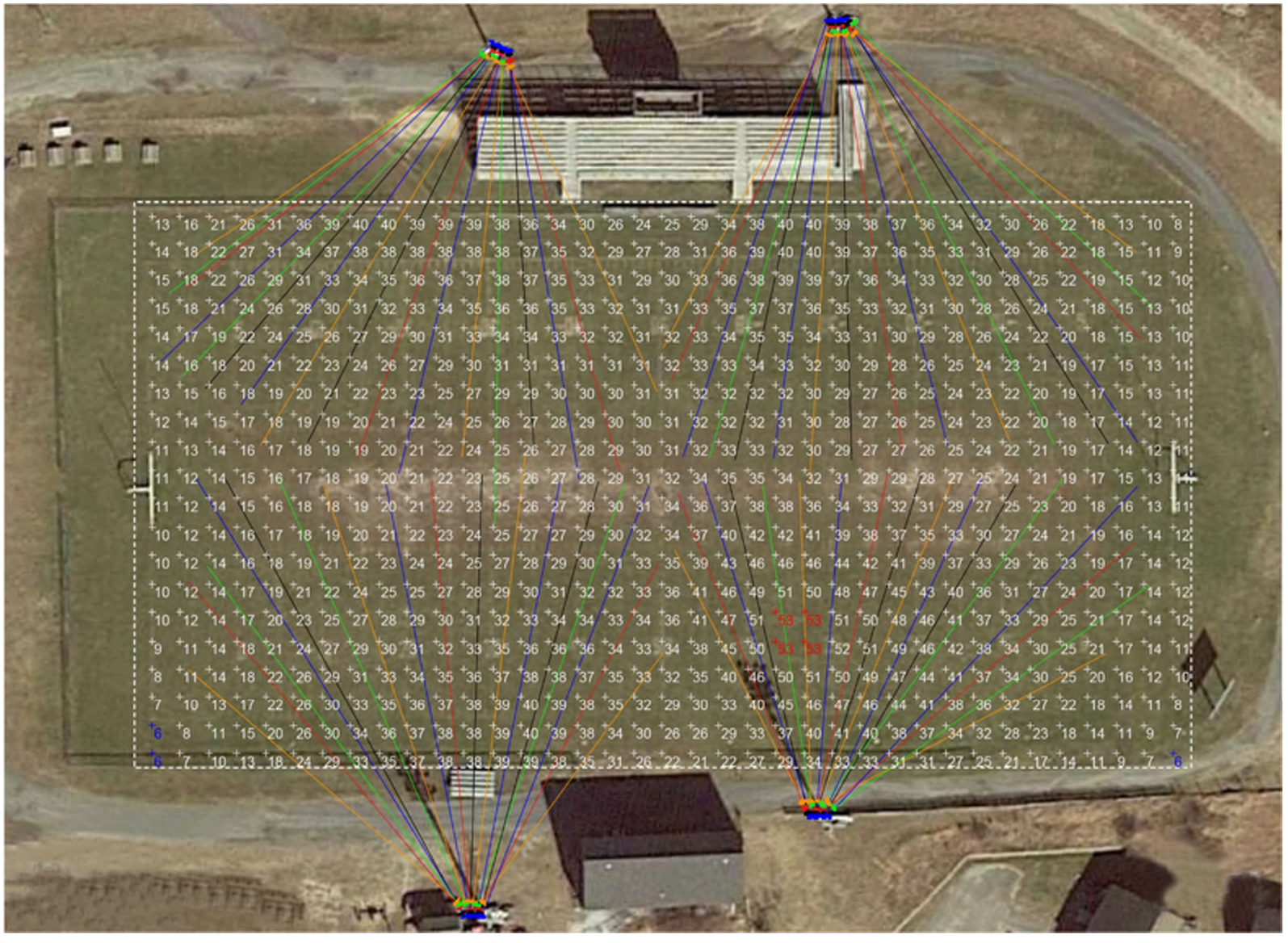
Proposed Grandstand – 980 Seats



Proposed Press Box

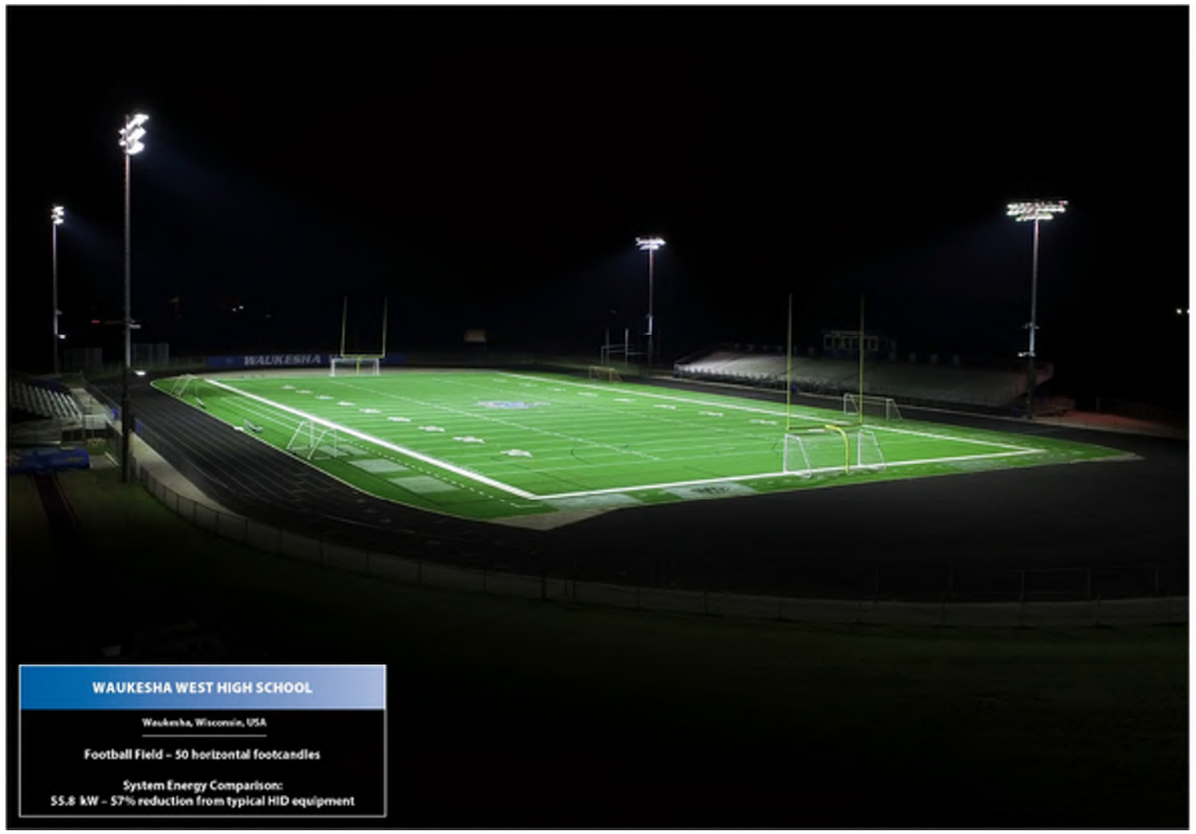


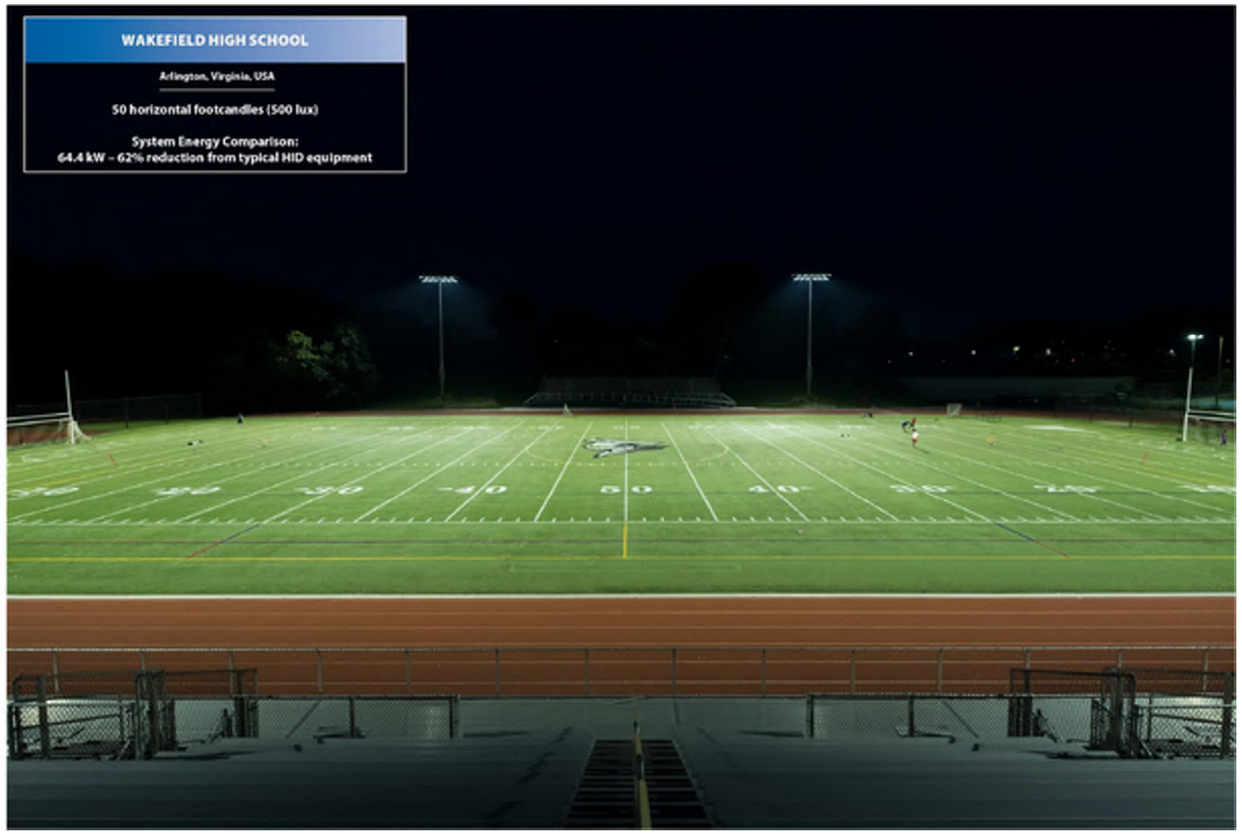
Existing Field Lighting



- **Total Fixtures:** 68
- **Mounting Height:** 45-60’
- **FC Illumination:** 28 FC (avg.)
  - **Midfield:** 31 FC
  - **30-Yard Lines:** 19 FC
  - **End Zones:** 10-12 FC
- **Uniformity:** 4.8 (avg.)

Existing Field Lighting Photometric Plan





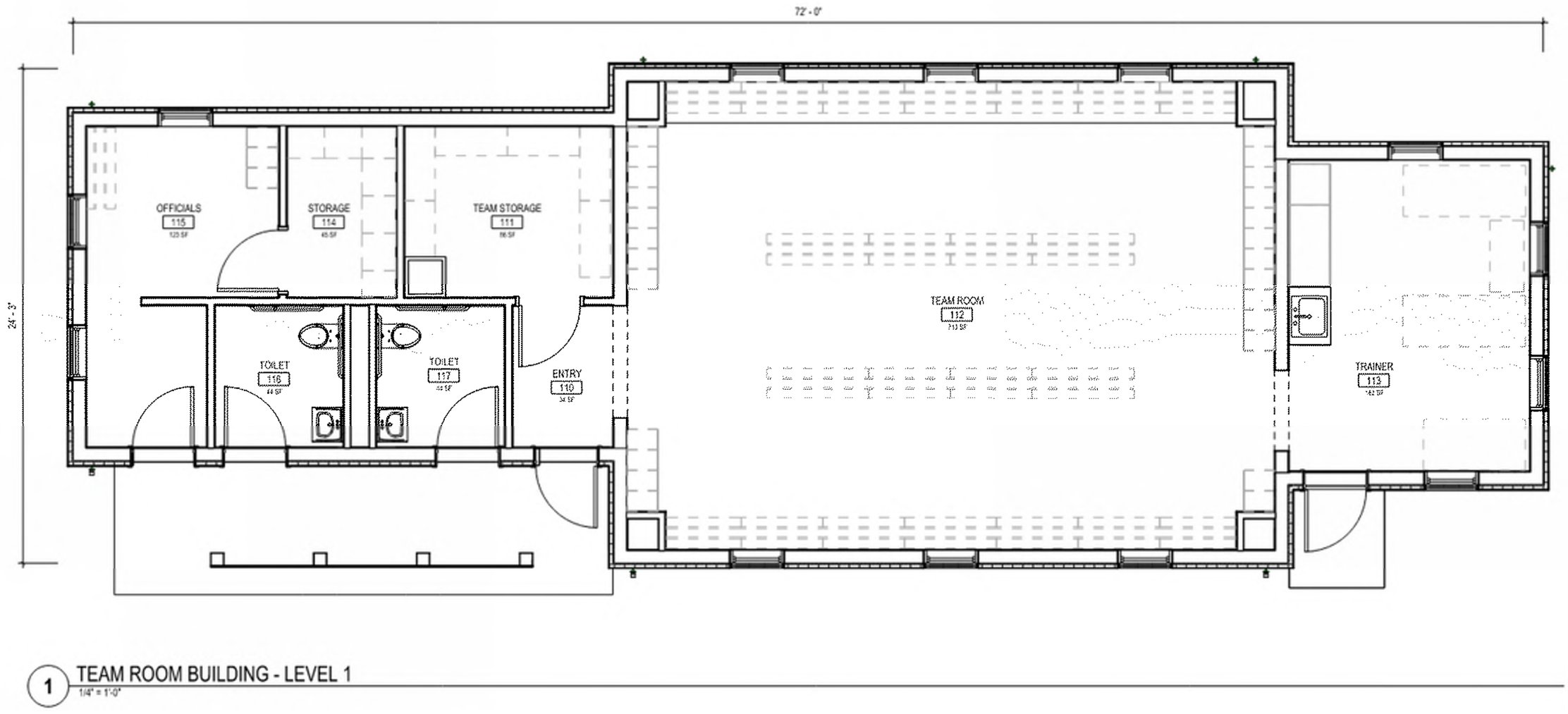
Track & Field Improvements – Field Lighting Options

Team Room Bldg – Program

- Occupancy of (49)
- Bench seating with cubbies
- Athletic Trainer space
- Officials space
- (2) Restrooms
- Storage space
- Mechanical/Electrical space

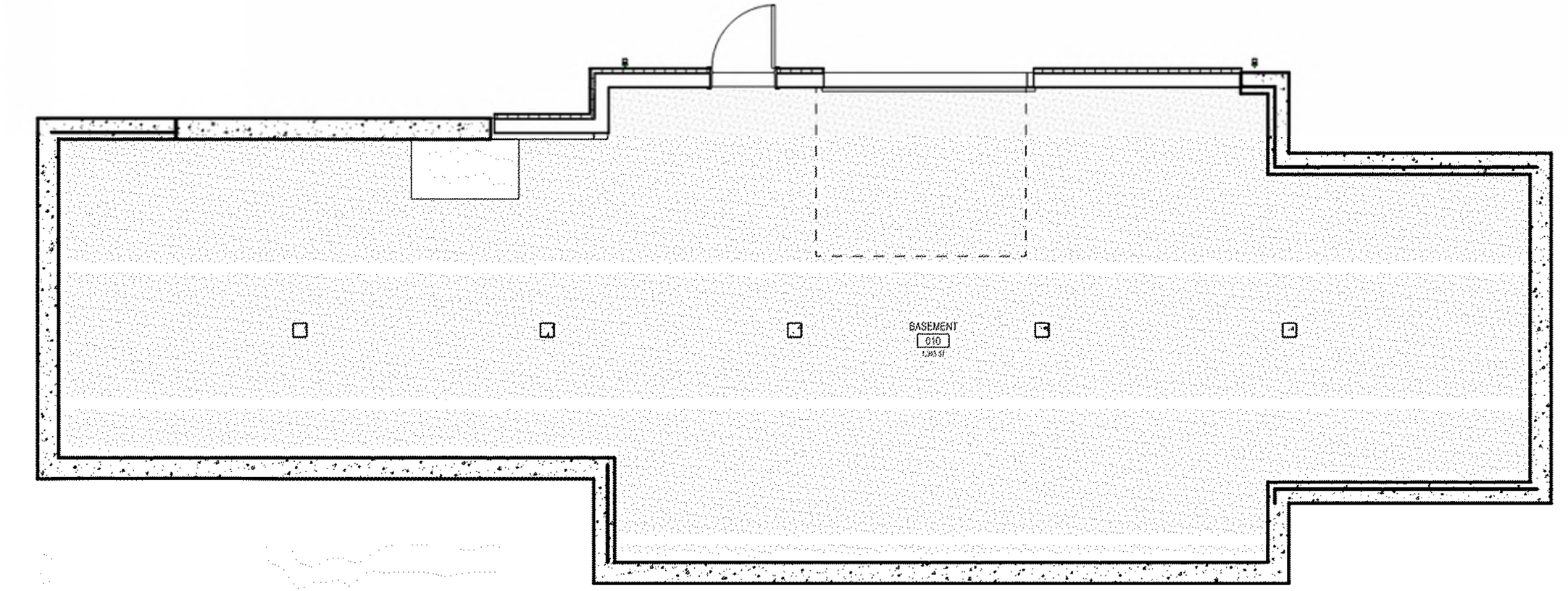
Miss Porter’s School - Farmington, CT

Proposed Team Room Bldg Program



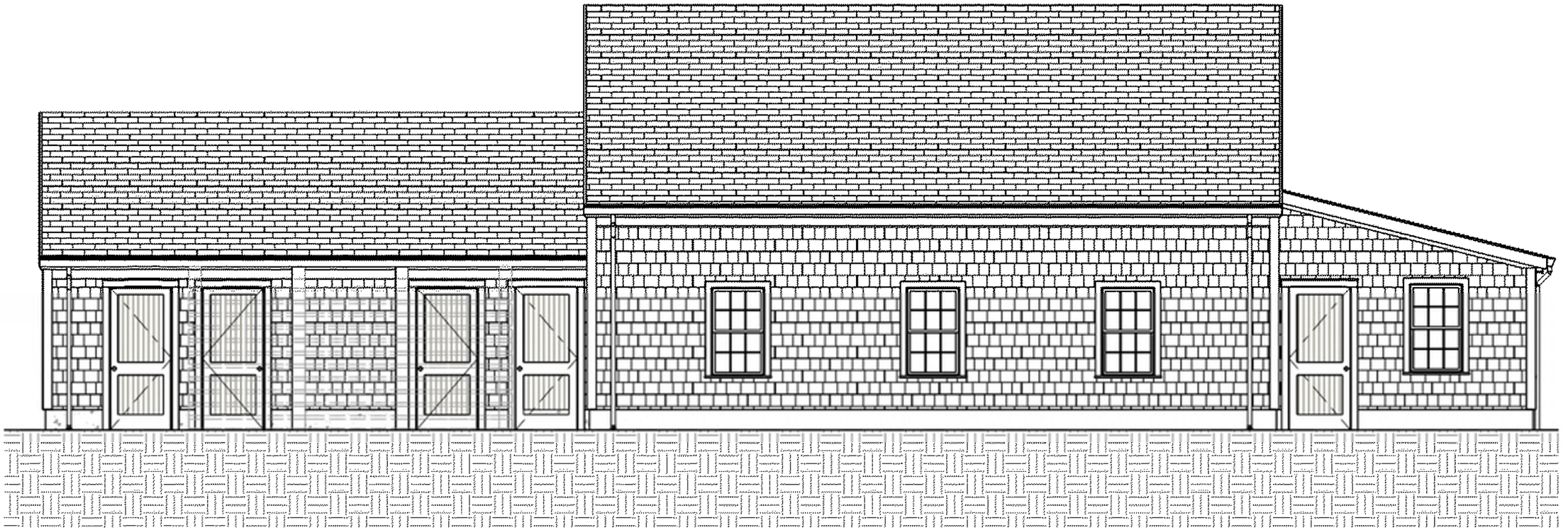
1 TEAM ROOM BUILDING - LEVEL 1
1/4" = 1'-0"

Team Room Building – Floor Plan



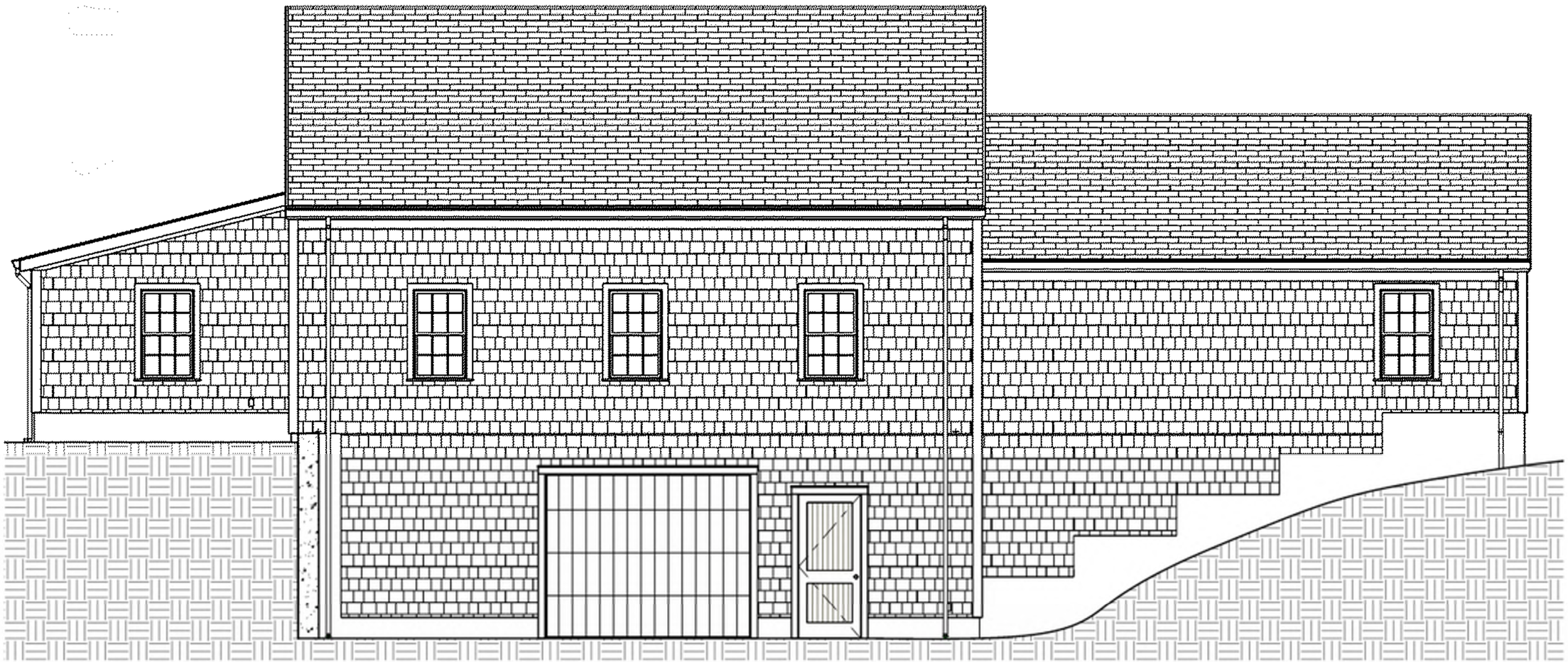
2 TEAM ROOM BUIDLING - BASEMENT
1/4" = 1'-0"

Team Room Building – Basement Plan (Storage)



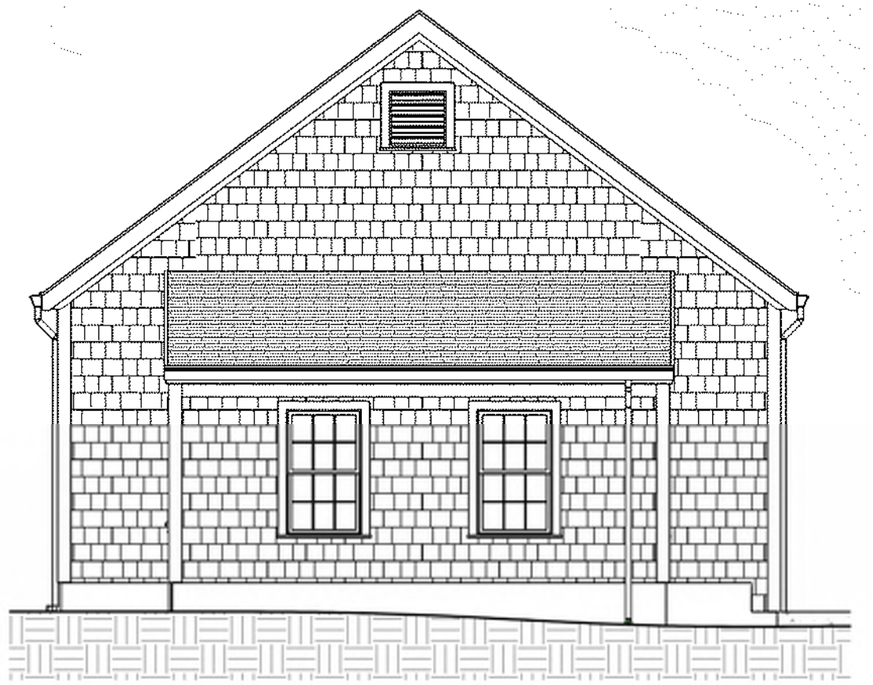
1 SOUTH ELEVATION
1/4" = 1'-0"

Team Room Building – Elevations

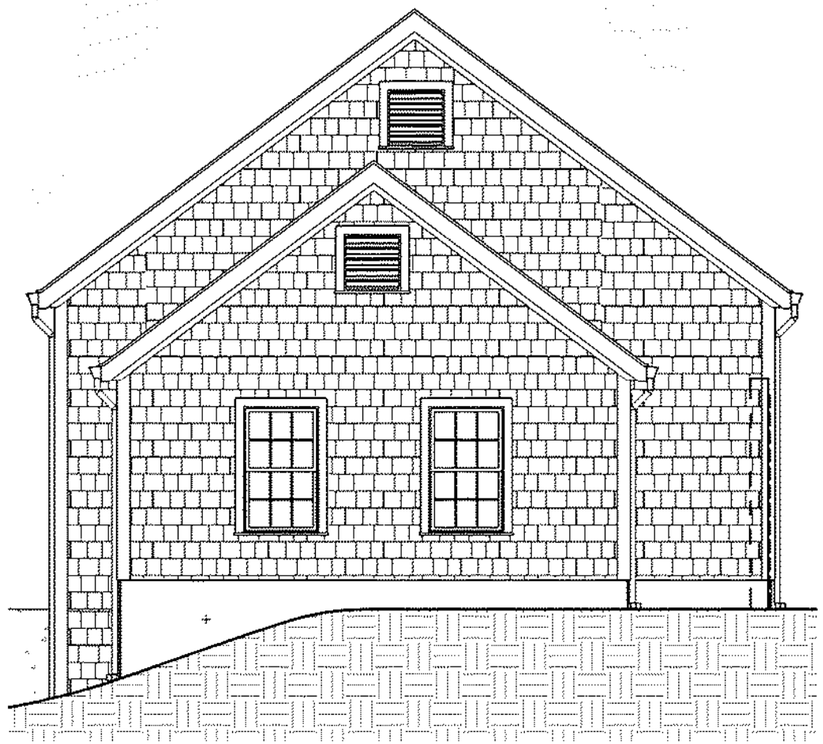


3 NORTH ELEVATION
1/4" = 1'-0"

Team Room Building – Elevations



2 EAST ELEVATION
1/4" = 1'-0"



4 WEST ELEVATION
1/4" = 1'-0"

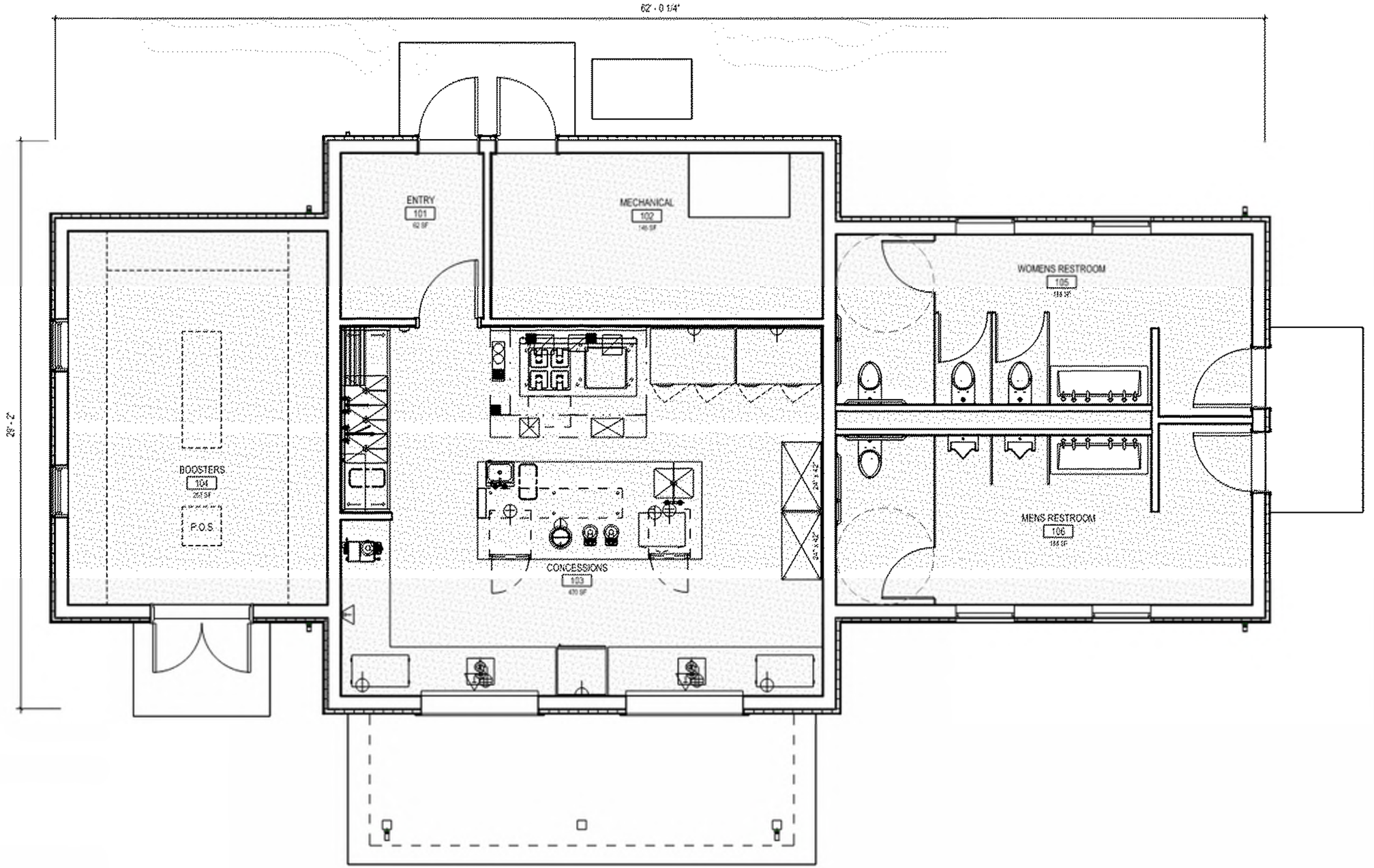
Team Room Building – Elevations

Boosters Bldg – Program

- Food & Beverage Program
- Merchandise & Sales Window
- Restrooms
- Storage
- Mechanical/Electrical space

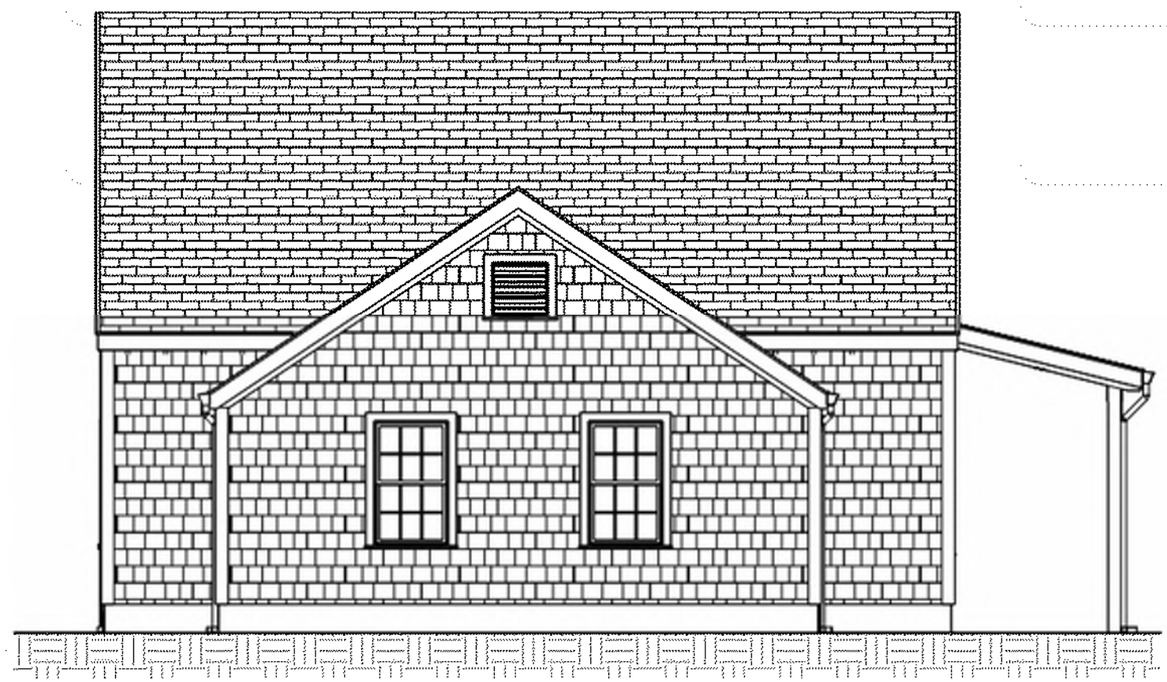
Miss Porter's School - Farmington, CT

Proposed Boosters Bldg Program



Boosters Building – Floor Plan

2 EAST ELEVATION
1/4" = 1'-0"

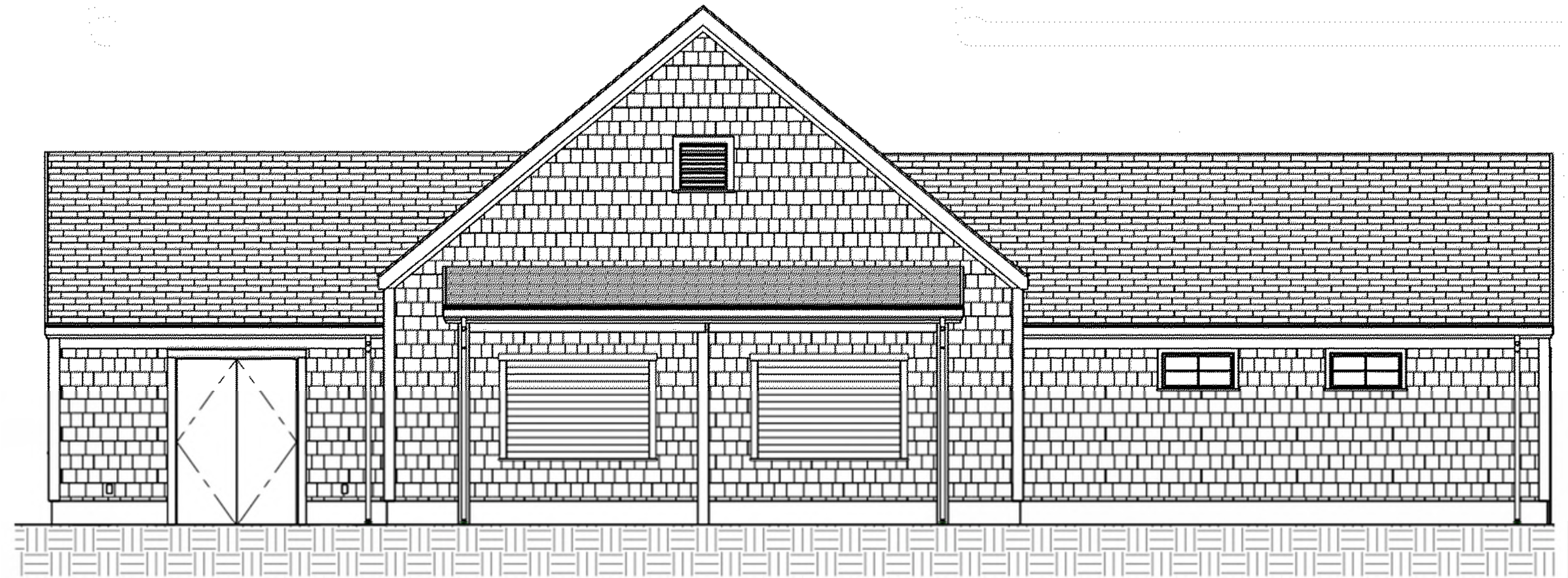


3 WEST ELEVATION
1/4" = 1'-0"

Boosters Building – Elevations

5 NORTH ELEVATION
1/4" = 1'-0"

Boosters Building – Elevations



4 SOUTH ELEVATION
1/4" = 1'-0"

Boosters Building – Elevations

Task	Dates
Design & Engineering	Mid December ‘25 - Mid March ‘26
Permitting	February - March ‘26
Bidding	Mid March ‘26
Bid Results	Late April ‘26
Annual Town Meeting	Early May ‘26
Construction Start	July ‘26
Construction End	December ‘27

Project Schedule