

MORTON FIELD COMPLEX IMPROVEMENTS

PREPARED BY MIKE GALET, P.E.



MORTON FIELD COMPLEX

EXISTING CONDITIONS

Description

The Morton Field Complex has been developed as a three-tier complex. Each tier consists of complimentary amenities, separated by steep slopes.

Known Issues

- Geotechnical issues attributed to poor stormwater drainage
- Not fully ADA accessible
- Non-centralized parking
- Desire for synthetic turf
- Poor vehicular circulation
- Park not fully lighted

Masterplan Study

Pashek + MTR completed a Masterplan Study of Morton Field Complex in 2021 and 2022, which proposed a concept plan for park improvements.

Gateway reviewed Pashek's findings and provided additional feedback from a civil engineering perspective.



MORTON FIELD COMPLEX

EXISTING CONDITIONS

2022-09-26



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PROPOSED SITE PLAN

Key Site Features Include:

- Two (2) multi-purpose fields to accommodate soccer, football, lacrosse, etc.
- Two (2) little-league baseball/softball fields that can be converted to a multi-purpose field.
- Centralized concessions/restroom facility
- Centralized playground facility
- Maintenance/Storage facility
- Perimeter trail with connections to Old Farm Road Trail and Morton Perimeter Trail

ADA Accessibility:

- Implementation of full ADA accessibility throughout the complex. Inclusive pathways, ramps, and facilities to ensure accessibility for all.

Improved Vehicular Circulation:

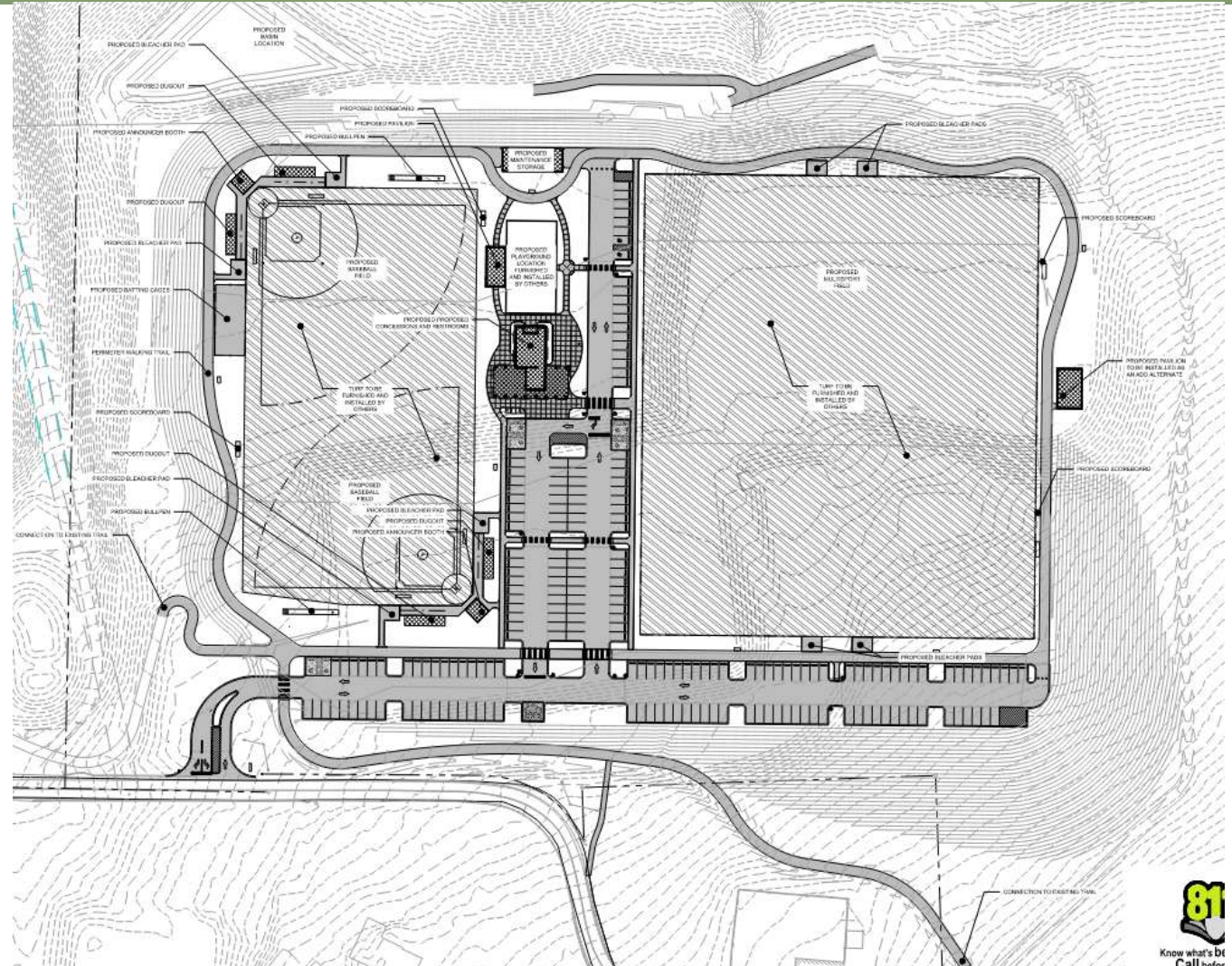
- Dedicated left-out/right-out at driveway entrance
- Reconfigured parking for improved traffic circulation.
- Evenly spaced ADA parking stalls.

Synthetic Turf Areas:

- Extends seasonal play periods to early spring and late fall.
- Reduces sport cancellations caused by weather.
- Low-maintenance, high-performance surfaces for sports and activities.

Enhanced Lighting:

- Field lights provided for all fields will also be used to light parking lots and lower mounted fixtures for perimeter trails.



MORTON FIELD COMPLEX

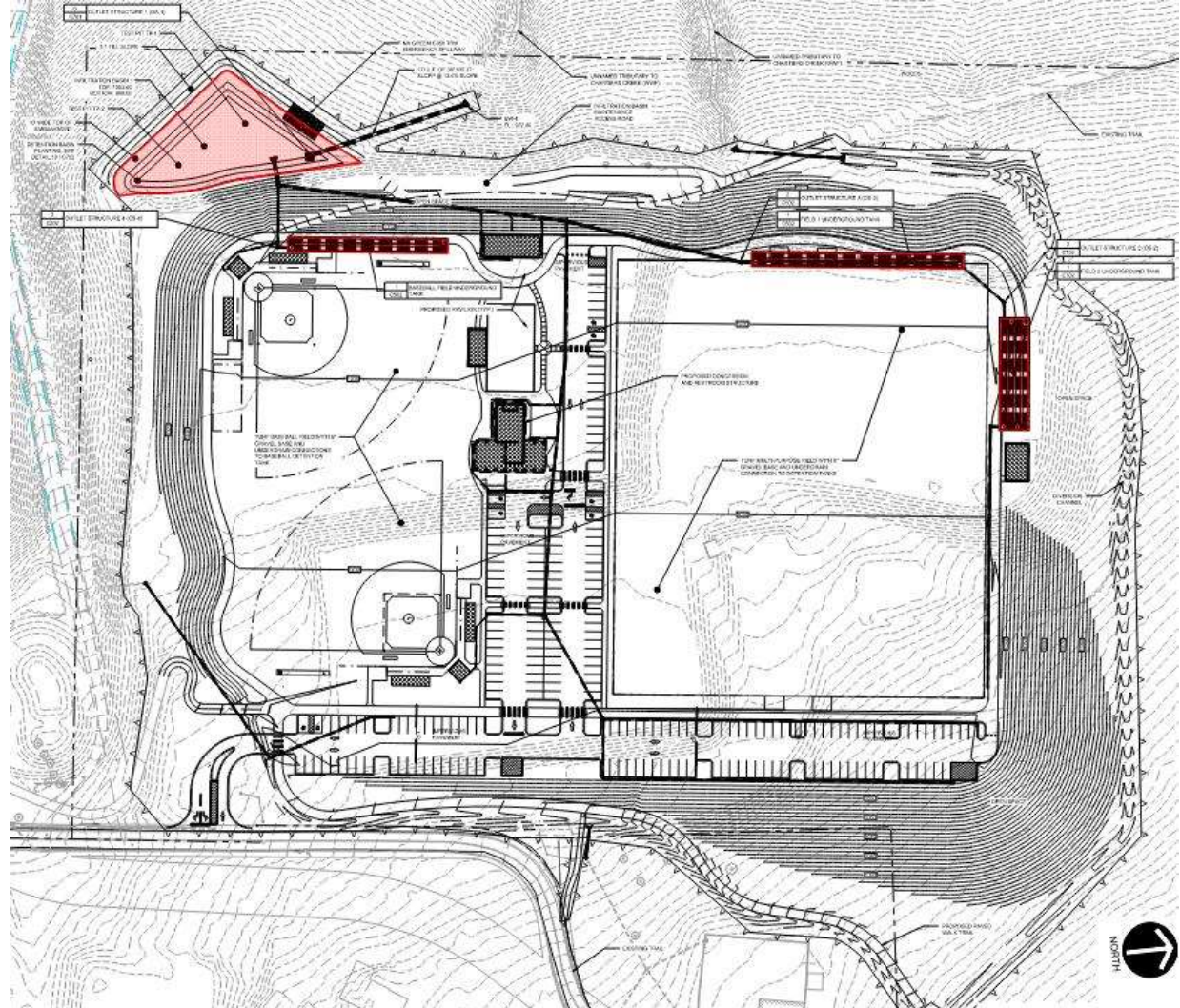
STORMWATER MANAGEMENT

Existing Site:

- Current site does not have any stormwater management features which has led to:
 - Poor draining fields
 - Scour along the hillsides
 - Geotechnical instability

Proposed Improvements:

- Collection and conveyance infrastructure within parking lots
- Subsurface drainage beneath turf systems (not shown)
- Regional infiltration basin to capture and remove surface runoff
- Series of three (3) detention tanks that will aid in runoff rate reduction prior to draining into infiltration basin
- Stormwater management plan will meet state requirements

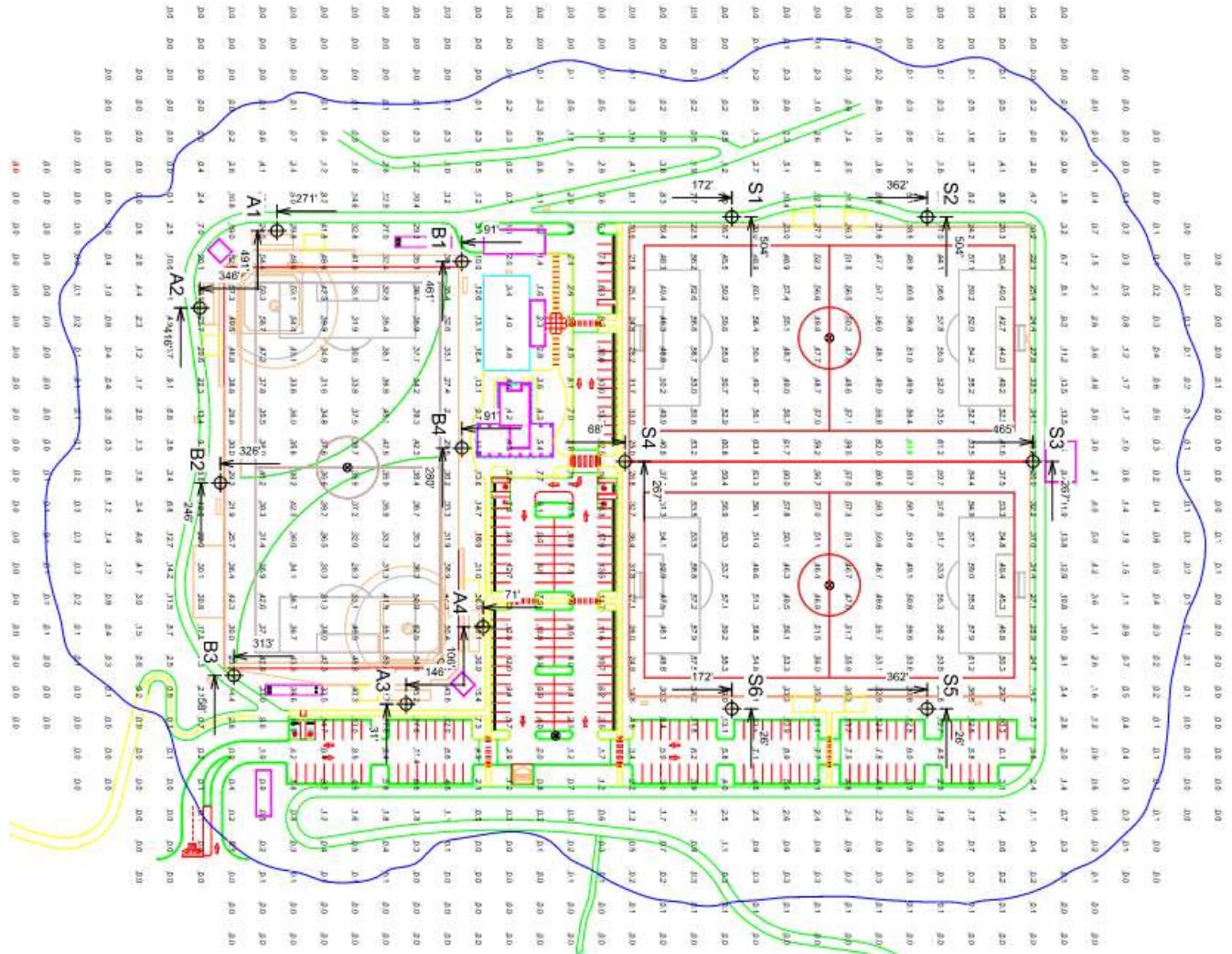


MORTON FIELD COMPLEX

PROPOSED LIGHTING PLAN

Enhanced Lighting:

- Field lights provided for all fields will also be used to light parking lots and lower mounted fixtures for perimeter trails.
- No proposed lighting spillover across Morton Road or adjacent properties (blue line)
- Infrastructure to be installed to allow for future security upgrades on each light pole



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ARCHITECTURAL RENDERINGS

Descriptions

The architectural renderings focus on creating efficient and durable structures. Allowing for efficient traffic flow, visitor friendly facilities and a positive first impression of the complex.

Concessions / Restroom Building View- Baseball Field View

- Baseball Field Amenities
- Visitor Convenience

Concessions / Restroom Building- Field 1 & 2 View

- Multi-Field Facilities
- Strategic Placement

Concessions / Restroom Building- Entrance View

- Gateway Convenience
- Visitor-Friendly Design

Announcers Booths View

- Home Plate Announcers Building
- Stylish Commentary Hub

Storage Building View

- Functional Design
- Equipment Hub Rendering



CONCESSIONS / RESTROOM BUILDING- BASEBALL FIELD VIEW



CONCESSIONS / RESTROOM BUILDING- FIELD #1 / FIELD #2 VIEW



CONCESSIONS / RESTROOM BUILDING- DRIVE ENTRANCE VIEW



ANNOUNCERS BUILDING(S) HOME PLATE VIEW



STORAGE BUILDING VIEW

New Building Facilities
 For
MORTON FIELD COMPLEX
 Upper St. Clair, Pennsylvania, USA



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DATE: 10.10.2023

PROJECT NUMBER: 202330.00

ORGANIZATION: Township of Upper St. Clair

DESCRIPTION: Model Exterior Views

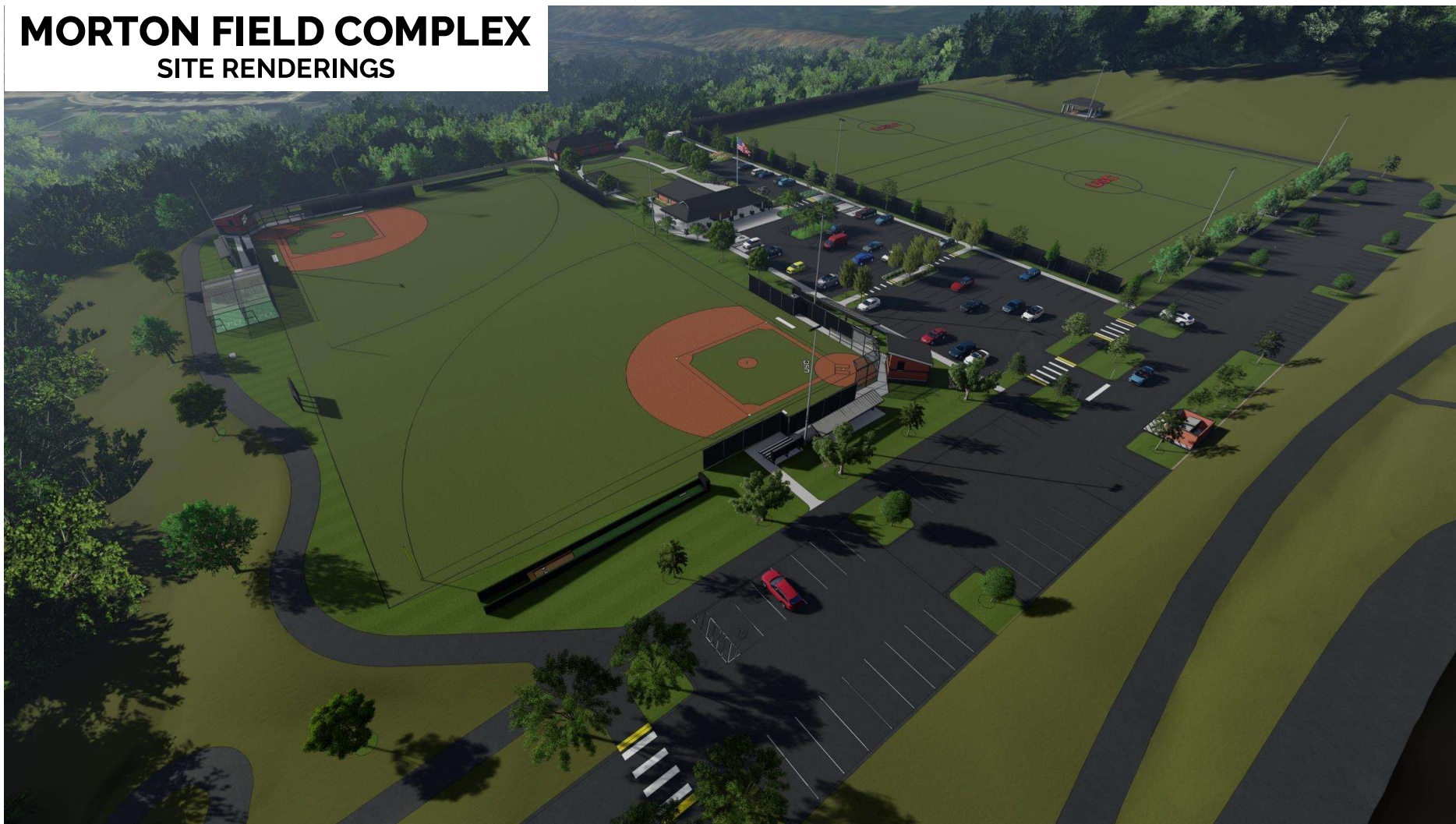
PREPARED BY: JRA

SHEET NUMBER: A1-0

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MORTON FIELD COMPLEX

SITE RENDERINGS



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