

**ADDENDUM
NO. 02**

February 13, 2025

Kalamazoo Public Schools – Loy Norrix High School Athletics
606 East Kilgore Road
Kalamazoo, MI 49001

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated January 25, 2025, by TowerPinkster. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-1 and TowerPinkster Addendum No. 02, dated February 12, 2025, consisting of 17 pages.

A. SPECIFICATION SECTION 00 00 10 TITLE PAGE

1. Revise Bids Received to Tuesday, March 4, 2025, at 2:00 PM.

B. SPECIFICATION SECTION 00 20 00 NOTICE TO BIDDERS

1. Revise Bids Received to Tuesday, March 4, 2025, at 2:00 PM.
2. Bid Opening. Bids will be publicly opened and read aloud on Tuesday, March 4, 2025, shortly after the 2:00 PM Bid receipt deadline, in the Kalamazoo Public Schools Facilities Office, Room 130, 600 West Vine Street, Kalamazoo, MI, 49008.

ADDENDUM NO. 2

DATE OF ISSUANCE:	February 12, 2025
PROJECT:	Loy Norrix High School Athletics Project 606 E. Kilgore Road Kalamazoo, MI 49001
OWNER:	Kalamazoo Public Schools
ARCHITECT'S PROJECT NO.:	23-625.00
ORIGINAL BID ISSUE DATE:	January 24, 2025

SCOPE OF WORK

This Addendum includes changes to, or clarifications of, the original Bidding Documents and any previously issued addenda, and shall be included in the Bid. All of these Addendum items form a part of the Contract Documents. The Bidder shall acknowledge receipt of this Addendum in the appropriate space provided on the Bid Form. Failure to do so may result in disqualification of the Bid.

DOCUMENTS INCLUDED IN THIS ADDENDUM

This Addendum includes **3** pages of text and the following documents:

- Bidding Documents: **NA**
- Contract Conditions: **NA**
- Specification Sections: **32 1809**
- Drawings: **C200, C300, C400, L 502, L 503, L 507, L 508, L 521, L 526, L 531**

CHANGES TO PREVIOUSLY ISSUED ADDENDA

None.

CHANGES TO SPECIFICATIONS

ADD-2 Item No. S-1 - Scoreboard

Refer to Specification: 11 6843 Scoreboard

Deleted the specification is its entirety.

ADD-2 Item No. S-2 - PA System

Refer to Specification: 27 5114 PA System (Single Point Speaker)

Deleted the specification in its entirety.

ADD-2 Item No. S-3 - Batting Cage Turf

Refer to Specification: 32 1809 Synthetic Turf – Batting Cage

Added the specification in its entirety.

CHANGES TO DRAWINGS

ADD-2 Item No. D-1 - Storm System

Refer to Reissued Sheet(s): C200, C300

Storm structure table updated with storm system updates.

Added 2 pipe runs to underground perforated storm system and updated the pipe size to account for added required storm volume.

Added LB-9 as an overflow route for the underground storm system in the parking lot.

Added 8" piping to connect CB-1 to LB-9.

Added note R for storm cleanout fitting.

Added shallow swale to route water away from track and new sidewalk to LB-9.

Added note to fill in / restore existing low area west of proposed sidewalk to avoid potential ponding.

Modified HMA pavement section for the parking lot.

ADD-2 Item No. D-2 - Underground Storm Stone Trench Detail

Refer to Reissued Sheet(s): C400

Added parking lot underground storm stone trench detail to account for required expanded underground storage volume.

ADD-2 Item No. D-3 - Scoreboards

Refer to Sheet(s): L502, L503, L507, L508, L521

Deleted scoreboards from the project as indicated.

ADD-2 Item No. D-4 - Lacrosse Details

Refer to Sheet(s): L526

Revised lacrosse details to clarify intent.

ADD-2 Item No. D-5 - Batting Cage Details

Refer to Sheet(s): L508, L531

Added batting cage details to clarify intent.

END OF ADDENDUM.

SECTION 32 1809 - SYNTHETIC TURF – BATTING CAGE **ADDENDUM 2**

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section is a part of the entire set of Contract Documents, including General and Supplementary Conditions. Drawings shall be coordinated with the applicable provisions of the other parts.
- B. Related Sections:
 - 1. Section 03 3000 Cast in Place Concrete

1.2 SYSTEM DESCRIPTION

- A. Provide all labor, materials, equipment, and tools necessary for the complete installation of non-infilled synthetic grass as shown on plans. The system shall consist of, but not necessarily be limited to, the following:
 - A complete synthetic turf system consisting of 4,600 denier monofilament polypropylene fibers with a texturized polypropylene secondary fiber. Pile height shall be nominal 9/16". Fibers shall be tufted to a primary backing and a mechanically applied 5 mm thick foam secondary backing.
- B. Performance Requirements:
 - 1. Shock Attenuation (ASTM F1292):
 - a. Gmax: Less than 200
 - b. Flammability (ASTM D2859): Pass
 - c. Water Permeability: >20"/hr.
 - d. Accessibility: Comply with requirements of ASTM F1951

1.3 QUALITY ASSURANCE AND REFERENCE STANDARDS

- A. Following acceptance of bids and evaluation of all product related information submitted with bid and requested additionally, the Owner reserves the right to award to the Contractor based on factors other than low bid.
- B. Passes the Federal Flammability Standard DOC FF 1-70
- C. All finished installations shall conform to all applicable current ASTM guidelines.
- D. Qualifications: Utilize an installer approved and trained by the manufacturer of the surfacing system, having experience with other projects of the scope and scale of the work described in this section.
- E. Certifications: Certification by manufacturer that installer is an approved applicator of the surfacing system.

1.4 SUBMITTALS

- A. All submittals shall be provided within 14 days after Notice to Proceed.
- B. General: Submit listed submittals in accordance with Conditions of the Contract and Submittal Procedures Section.
- C. Product Data: Submit manufacturer's product data and installation instructions.
- D. Verification Samples: Submit manufacturer's standard verification samples of 6" x 9" minimum.
- E. Quality Assurance/Control Submittals: Submit the following:
 - 1. Certificate of qualifications of the surfacing installer.

- F. Closeout Submittals: Submit the following:
 - 1. Warranty documents specified herein.

1.5 DELIVERY, STORAGE & HANDLING

- A. General: Comply with Product Requirement Section.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful environmental conditions and at a minimum temperature of 40 degrees F (4 degrees C) and a maximum temperature of 90 degrees F (32 degrees C).

1.6 PROJECT/SITE CONDITIONS

- A. Environmental Requirements: Install surfacing system when minimum ambient temperature is 40 degrees F (1 degree C) and maximum ambient temperature is 90 degrees F (32 degrees C). Do not install in steady or heavy rain.

1.7 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Refer to PART 4 - WARRANTY

PART 2 - PRODUCTS

2.1 MATERIALS - SYNTHETIC GRASS

- A. Synthetic Turf Material Batting Cages: Texturized monofilament polypropylene fibers attached to a primary and secondary backing.
 - 1. A complete synthetic turf system consisting of 3.9mil monofilament polypropylene fibers with a texturized polypropylene secondary fiber. Pile height shall be nominal 0.5625". Fibers shall be tufted to a primary backing. Mechanically applied 5 mm thick adhesive secondary foam backing. Foam material with a minimum application rate of 78 oz/yd². The product face weight shall not weigh less than 36 oz/yd². The total product weight, including primary and secondary foam pad backing, shall not be less than 118 oz/yd².
 - 2. The tufted rows of fiber are to be spaced no more than 1/2" apart. ASTM tests proving the fiber meets these qualifications must be provided with the bid.
 - 3. The carpet's primary backing shall be comprised of three layers (18 pic polypropylene, 13 pic polypropylene, reinforced by a non-woven PET cap fiber layer). This primary backing is to have a minimum weight of 7 oz per square yard.
 - 4. The pile surface shall provide good traction in all types of weather with the use of conventional sneaker type shoes, composition mold sole athletic shoes, baseball spikes and screw-on football spikes.
 - 5. The pile surface shall be suitable for both temporary and permanent line markings using acrylic paint, as per the turf provider's recommendations.
 - 6. All adhesives used in bonding the seams shall be resistant to moisture, freeze/thaw, bacteria and fungus attacks, and resistant to ultraviolet radiation. The adhesive shall be made especially for the adhesion of synthetic turf seams.

7. The adhesive system shall have been utilized on at least 25 full installations. Provide this information with the bid. It shall consist of a factory-made adhesive bed applied to a non-woven fabric seaming tape. The adhesive bed shall be a metered amount suitable for the application. It shall be heat and pressure activated. A special heat application machine and pressure application using weighted rollers is mandatory.

PART 3 - EXECUTION

3.1 CERTIFICATION OF BASE CONSTRUCTION

- A. GENERAL: A written "Certification of Acceptance of the Base Construction" is required from the artificial turf/surfacing system prior to proceeding with any installation work under this section of the specifications.
- B. All discrepancies between the required materials, application and tolerance requirements noted by the installer shall be brought immediately to the attention of the Contractor and Landscape Architect. Failure to immediately inform the contractor and Landscape Architect of any prior work which does not meet the required specifications for installation of the artificial turf surfacing system shall be considered an acceptance by the installer of the non-conforming work. Any additional work later required to bring the base to acceptable conditions shall be preformed by this installer at no additional cost to the Owner. Any discrepancies in the prior work which does not meet the specifications and noted in writing to the Owner and Landscape Architect shall be preformed immediately at no additional cost to the Owner.

3.2 INSTALLATION OF THE TURF

- A. GENERAL: All installation shall be done in strict accordance with the manufacturer's current printed installation instructions approved by the Landscape Architect.
- B. REPLACEMENT: In the event of damage, immediately make all repairs and replacements necessary to the approval of the Landscape Architect and at no additional cost to the Owner.
- C. SYNTHETIC GRASS: Place turf and cut to fit configuration as shown on Drawings. Splice seams. All seams must be attached with splicing film/fabric and adhesive as approved by the manufacturer for this type of installation of their product.
- D. ANCHORING/EDGING: Edges of turf will be secured to ground with adhesive, mechanical fasteners, stakes or edging.
- E. BONDING OF MATERIAL SURFACES: The adhesive bonding of all system material components shall provide a permanent, tight, secure and hazard free playing surface.
- F. WORK QUALITY: All seams shall be flat and tight, with no separation or fraying. Submit seaming procedures to Architect for review, prior to installation. Any deviations to the plans shall be brought to the attention of the Architect prior to installation, Seams that appear separated shall be corrected immediately.

3.3 CLEANING

- A. Contractor shall be responsible for clean up on a daily basis of all materials utilized. Upon completion of installation, all surrounding areas, including turf area, shall be clean and in "play" condition.
- B. Contractor shall utilize magnetic bar to remove any metal objects before final acceptance.
- C. All turf remnants of desirable size shall become property of the Owner. Contractor will be responsible to neatly place attic stock on pallets and deliver to a suitable location as directed by Owner.

PART 4 – WARRANTY

4.1 WARRANTY

- A. Manufacturer 10-year limited product warranty on turf from the date of purchase. The product shall be free from defects in material and workmanship resulting in premature wear or color loss.
- B. Supplier's warranty excludes: any Product defect, damage or failure that is the direct result of Product abuse, misuse or negligent maintenance; and Product damage caused directly or indirectly by acts of third parties, including, without limitation, negligence of owner/operator, vandalism, machinery, animals, flood, chemical reaction, improper sub-surface preparation and/or installation, improper cleaning methods, and acts of God.

END OF SECTION 32 1811