601 First Street NW
Grand Rapids, Michigan 49504
(616) 285-6933
www.rockford.com

BID CLARIFICATION NO. 5

TO: All Subcontractors / Suppliers
FROM: Dan Korcek, Senior Project Manager; Morgan Gross, Assistant Project Manager
DATE: October 30, 2026
RE: **NVPS Athletics Addition and Renovation**

This Bid Clarification No. 5 is being sent to all bidders to address questions raised at bid time.

1. **BID DUE DATE CHANGE**
   a. **Bid Due Date is updated to November 10, 2026 @ 1:00pm EST.**
   b. ZOOM link will be provided for the Bid Opening Event in forthcoming Bid Clarification #06.

2. **Addendum #02**
   a. Addendum #02 has been released. This details the addition of a Band Tower.
   b. BP 06 General Trades Bidders shall include this in their scope of work and provide a price for this work as detailed in Addendum 02.

3. **Bid RFIs have been generated; Responses are attached in files, with RFI Subjects shown below.**
   a. Bid RFI 19 – Miscellaneous Civil, Turf, Exterior Improvements Clarifications
   b. Bid RFI 21 – Additional Turf Clarifications
   c. Bid RFI 24 – Fence Grounding Requirement Confirmation
   d. Bid RFI 25 – Turf Specifications Clarification
   e. Bid RFI 26 – Addendum 01 Netting Salvage Clarification
   f. Bid RFI 27 – Civil Clarifications – AWAITING RESPONSE

4. **Scope Clarifications**
   a. Please note, Bid Forms have been updated on Procore to reflect scope changes. Ensure that you are working from the most up to date bid forms as you work to submit your bids.

5. **Bidding Status**
   a. Please mark your bidding status on Procore this helps us understand who is bidding. It is extremely helpful to mark “Will Bid” or “Will Not Bid”.

End of Clarification

Northview Public Schools of Grand Rapids, Michigan will receive proposals from Trade Contractors for

NVPS Athletics Stadium Addition & Renovation

located at 4451 Hunsberger Avenue NE, Grand Rapids, Michigan 49525

Trade Contractor Proposals must be submitted via Procore Bidding, and received prior to 1:00 PM, local time, on November 10, 2026. The Northview Public School Board will not consider or accept bids received after this date and time specified for bid submission. Bid Documents may be examined via the BuildingConnected Bid Site:

Bid Package 2 - Athletics - Grand Rapids, MI | Procore

A pre-bid walkthrough meeting will be held at 9:00AM – 9:30AM, local Time (ET), on October 06 2026, on site at Northview High School, located at 4451 Hunsberger Avenue NE, Grand Rapids, MI 49525. **Please plan to meet at the field office near the Performing Arts Entrance to the High School, parking is available in the lot.**

A ***public bid opening will take place on the bid due date, November 10, 2026 at 1:00 PM (ET), local time***, to which the board will open and read aloud each bid received by the board prior to the deadline. The public opening will take place at the following address: 4365 Hunsberger Ave NE, Grand Rapids, Michigan 49525. There will be an option to attend virtually via Zoom. The link will be sent out 48-Hours before the bid opening.

If selected, Post Bid Interviews will be held via Zoom Call between November 11, 2026 and November 25, 2026.

All bidders are required to furnish Bid Security in the amount of at least five (5%) percent of the Base Bid. Form of the security may be a bid bond, certified or cashier's check made payable to Northview Public Schools. Northview Public Schools will not be responsible for loss of security made by check; checks will not be returned until a contract has been fully executed with the successful bidder. This will be a guarantee that the bidder selected by Northview Public Schools will furnish the required PLM Bonds; failure to do so could mean forfeiture of the Bid Security.

All bidders must indicate, where shown on the Proposal Form, the cost of Performance and Labor and Material Payment Bonds covering 100% of the value of the Project. Do **not** include the cost of the Bonds in the Base Bid.

Applicable Michigan use tax apply to this project. This is NOT a prevailing wage project.

All bids shall be accompanied by a sworn statement disclosing any familial relationship that exists between the owner(s) or any employee of the bidder and any member of the Board of Education of the School District or the Superintendent of the School District. The Board of Education shall not accept a bid that does not include a sworn and notarized familial relationship disclosure statement.

All bids shall be accompanied by an Iran Economic Sanctions Act Certification in accordance with MCL 129.311. The Board of Education shall not accept a bid that does not include a sworn and notarized Iran Economic Sanctions Act Certification.

In addition, all bids shall be accompanied by a signed and notarized Criminal Background Affidavit, Non-Collusive Affidavit, Legal Status of Bidder Affidavit, and a signed Equal Opportunity Form.

The Schedule of Work shall be as follows:

Bids due	*November 10, 2026 @ 1:00 PM*
Anticipated award of contract	*December 15, 2026*
Anticipated start of construction	*Reference Phasing Plan in Project Manual*
Anticipated substantial completion	*Fall 2027*

The Owner reserves the right to accept or reject any or all bids and to waive all irregularities in Proposals. Proposals shall remain firm for ninety (90) days from date of Bid Opening.

END OF SECTION

INSTRUCTIONS TO BIDDERS
NVPS Athletics Stadium Addition & Renovation

Owner: Northview Public Schools
Architect: Integrated Design Solutions
Construction Manager: Rockford Construction

Bid Categories included in this project:

Selective Demo	Cast In Place Concrete
Masonry	Structural Steel & Misc. Metals
General Trades (Rough Carpentry, Wood Trusses, Doors/hardware/Coiling Doors, Sectional Doors, Signage, Toilet Partitions, Accessories, Athletic Equipment, Stainless Steel Tables/Counters.	Caulking & Sealants, Damp Proofing & Vapor Barrier
Roofing/Sheet Metal/Metal Panels	Aluminum Framing/Glass & Glazing
Metal Stud/Drywall/Ceiling Metal Truss	Flooring
Painting	Plumbing
HVAC	Electrical/Site Electrical
Excavation/Utilities (Civil Related Demolition)	Asphalt
Landscape/Irrigation/Retaining Walls	Synthetic Turf/Base
All Weather Synthetic Track Surface	Fencing/Netting

1. Bids will be received FROM ALL BIDDERS via Procore Bidding:

   Bid Package 2 - Athletics - Grand Rapids, MI | Procore

2. Bids must be received via Procore Bidding submission no later than 1:00PM (ET), on November 10, 2026, for all bid categories. The Northview Public School Board will not consider or accept bids received after this date and time specified for bid submission.

3. A **public bid opening** will take place on the bid due date, **November 10, 2026 at 1:00 PM** (ET), local time, to which the board will open and read aloud each bid received by the board prior to the deadline. The public opening will take place at *4365 Hunsberger Ave NE, Grand Rapids, Michigan 49525*. There will be an option to attend virtually via Zoom. The link will be sent out 48-Hours before the bid opening.

4. Post-bid interviews will be held between November 11, 2026, and November 25, 2026 via Zoom Calls.

5. Bids must be prepared and submitted using the Bid Proposal Form provided in Procore Bidding. Bidders may not modify, alter, qualify, or attach stipulations to the Bid Proposal Form. The Owner and Rockford Construction reserve the right to reject such bids as non-responsive. Proposals shall remain firm for ninety (90) days from date of Bid Opening.

6. Bids must be accompanied by a sworn statement disclosing any familial relationship between the owner(s) or any employee of the bidder and any member of the Board of Education of the School

District or the Superintendent of the School District. The Board of Education will not accept bids submitted without a sworn and notarized familial relationship disclosure statement.

7. Bids must be accompanied by an Iran Economic Sanctions Act Certification in accordance with MCL 129.311. The Board of Education will not accept bids submitted without a sworn and notarized Iran Economic Sanctions Act Certification.

8. In addition, all bids shall be accompanied by a signed and notarized Criminal Background Affidavit, Non-Collusive Affidavit, Legal Status of Bidder Affidavit, and a signed Equal Opportunity Form.

9. Applicable Michigan use and sales tax apply to this project.

10. All bidders should note that this project does **NOT** require prevailing wages.

11. Bid Documents may be examined via BuildingConnected.

12. SCHEDULE: Bids must be based upon the Preliminary Construction Schedule (Section 01 32 16 – Construction Progress Schedule).

13. **A pre-bid walk through will be held from 9:00AM – 9:30AM, local time (ET), on October 06, 2026.** The meeting place will be on site at 4451 Hunsberger Avenue NE, Grand Rapids, Michigan 49525. **Please plan to meet at the Field Office at the Performing Arts Center Entrance to the High School. Parking is available in the lot near the trailer**

14. SITE INSPECTION: Inspection of the work areas is the responsibility of the Trade Contractor. There will be no adjustments in the Contract Sum for additional costs that could have been avoided had Trade Contractor thoroughly reviewed all site conditions.

15. CHANGE ORDER FEES: For any additional work performed upon authorization of Owner, Bidder agrees to accept the following fees:
    A. A fee of 10% applied to total cost of labor. Reimbursable labor must be expended at the Project Site and must include hourly wage rate plus all insurance, taxes, health and welfare contributions and other employee benefits. No other miscellaneous fees, allowances, off site labor, or overhead costs are allowed; overhead includes all costs not directly expended at the Project Site.
    B. A fee of 10% applied to total cost of material and equipment. Total cost of material includes applicable sales tax.
    C. A fee of 5% applied to quote of a Trade Contractor. These fees shall be acceptable as full compensation for extra work including all Trade Contractor overhead and profit.
    D. Additional bond premiums allowed at net invoice charge. A cost breakdown of all wages, material and vendor invoices must be submitted with all extra work to contracts.
    E. Markups are based on amounts determined after all applicable discounts are applied. Costs exclude warehousing, small tools or estimating charges, which are part of overhead.
    F. CREDIT FOR WORK DELETED should any work be deleted from Contract by order of Owner, full cost savings realized thereby will be credited to Rockford and/or Owner.

16. ALLOWANCES:
    A. Products and material under allowance shall be purchased only as directed by Rockford Construction. The amount of allowance must include net cost of product, delivery to the site, and applicable taxes. In addition to the amount of the allowance, the Base Bid must include Trade Contractor's costs for handling at site including unloading, uncrating and storage; protection from elements, from damage; labor, installation, and finishing; other expenses (e.g., testing, adjusting, and balancing) required to complete installation; overhead and profit. These costs will be included in the Contract Sum.

B. After selection of material by Architect/Engineer and Owner, the contract prices will be adjusted by Change Order to reflect increases or decreases to the allowance.
C. Selection of product/material: after consulting with Trade Contractor, the Architect/Engineer will select the product/ material to be used and notify the Trade Contractor of its selection. The Trade Contractor shall assist and make appropriate recommendations to the Architect/Engineer in determining qualified suppliers. The Trade Contractor will also obtain proposals from suppliers when requested by the Architect/Engineer. The Trade Contractor will notify the Architect/Engineer in writing, of effect anticipated by selection of product or supplier under consideration on Construction Schedule and Contract Sum. The Trade Contractor is responsible for arranging delivery and unloading, prompt inspection of product for damage and defects and submitting claims for transportation damage.
D. Unused funds included under allowances shall be credited to the Owner by deduct Change Order prior to approval of Final Application for Payment.
E. Refer to the descriptions of the individual specific scopes of work within this section for allowances to be included within the base bid.

17. MANDATORY ALTERNATES: Trade Contractor agrees that prices quoted for Mandatory Alternates (to be quoted on Bid Form) shall be acceptable as full compensation for work thus described in the drawings, specifications, and Instructions to Bidders. Rockford Construction and/or Owner may decide in their sole discretion to proceed with Mandatory Alternates in any order or combination.

18. VOLUNTARY ALTERNATES: Voluntary Alternates must comply with the Bid and Contract Documents. Submit Voluntary Alternates at location indicated on Proposal Form or on Bidder's company letterhead clearly labeled as:

VOLUNTARY ALTERNATE(S)

Voluntary Alternates must be sufficiently and adequately detailed (see CSI Form 003600) to allow acceptance or rejection. Rockford Construction and the Owner will not consider Voluntary Alternates if the requested Lump Sum Base Bid, Unit Prices, and Mandatory Alternates are not offered. Rockford Construction and/or Owner may decide in their sole discretion to proceed with Mandatory Alternates in any order or combination.

19. BIDDERS EXAMINATION OF PREMISES AND THE CONTRACT DOCUMENTS: Bidders shall visit the site(s) to familiarize themselves with local conditions affecting the job. Bidders shall take their own measurements and be responsible for the correctness of same. Bidders shall be held to have made such examinations. There will be no adjustment to the Contract Sum in case of errors or omissions. If any part of the Trade Contractor's Work depends, for proper results, upon existing work or the work of another trade contractor, the Trade Contractor shall notify Rockford Construction before commencing work of any conditions or defects that will affect the results. Failure to so notify will be deemed acceptance of the conditions. Plans, diagrams, and other descriptive information which depict existing conditions are provided for scope identification and scheduling purposes only; dimensions should not be scaled. Quantities, elevations, measurements, and locations shown may have been approximated and / or gathered from dated, incomplete original construction documents. **Therefore, this data should not be relied on for bidding purposes without field verification by bidders.**

By executing the Trade Contractor Agreement, the Trade Contractor will represent and warrant that it has visited the Project Site and concluded that it can perform the work for the Contract Sum, in accordance with the Schedule, and with competent and sufficient manpower and adequate equipment.

The Contract Documents are intended to provide sufficient information for the Trade Contractor to perform all Work required. However, the Trade Contractor shall rely on its own site inspection and review of the Contract Documents to obtain any information necessary to properly execute and complete the Work. If this inspection and review present any unanswered questions, the

bidder must submit them in writing to Rockford Construction at least five (5) days before the bid to allow written addenda to be issued.
Submission of a Bid Proposal shall constitute acceptance of all terms and conditions set forth in the Contract Document terms and conditions.

Any incidental material, labor, or detail, required for the proper execution and completion of the Work required by governing codes, local regulations, trade practices, operational functions, and good workmanship, shall be provided as part of the Work and is deemed included in the Contract Sum, even though not specifically required under the Contract Documents.

By submitting a bid, the bidder represents that it has read and understood the Bidding Documents and the Contract Documents, has satisfied itself as to the extent of the proposed work, is familiar with the local conditions under which the work is to be performed and has made his own estimate of the facilities and difficulties attending the performance and completion of the work.

20. QUESTIONS (RFI) DURING BID PERIOD:
    A. All questions must be provided in writing. The owner, architect or Rockford will not provide any oral explanation or interpretation of the contract documents.
    B. Questions will only be accepted on or before September 10, 2026.
    C. Answers to all Requests for Information will be provided to all bidders.

21. SUB-TRADE CONTRACTORS AND VENDORS: No single trade contract may exceed 50% of the Lump Sum Base Bid without written approval of Rockford Construction. All proposed trade contractors and vendors must demonstrate, to the satisfaction of Rockford Construction, qualifications to perform specified work.

22. DEFINITIONS: All definitions set forth in the Contract Documents are applicable to these Instructions to Bidders.

23. EXAMINATION OF BIDDING DOCUMENTS: Each bidder shall examine the Bidding Documents and Contract Documents carefully. Questions and Requests for Information may be submitted as set forth in these Instructions. Only a written interpretation or correction by addendum or bid clarification shall be binding. All addenda or bid clarifications so issued shall become a part of the Contract Documents.

24. SUBSTITUTIONS:
    A. Each bid or proposal shall be based upon the materials and equipment described in the bidding documents.
    B. Whenever a material, article or piece of equipment is identified on the drawings or in the specifications by reference to manufacturers' or vendors' names, trade names, catalog numbers, or the like, it is so identified for the purpose of establishing a standard, and any material, article, or piece of equipment of other manufacturers or vendors which will adequately perform the duties imposed by the general design may be considered equally acceptable, PROVIDED the proposed substitute material, article, or piece of equipment is, in the opinion of Rockford Construction and Architect/Engineer of equal substance, appearance and function, and is approved in writing before the bid due date.
    C. To obtain approval to use unspecified products, bidders shall submit an emailed or written request via a Substitution Request Form (Section 00 61 13 – Substitution Request during bidding) at least September 10, 2026 before the bid date and hour. Requests received after this time will not be considered. Each such request shall include a complete description of the proposed substitute and the name and specification section of the material or equipment for which it is to be substituted. Requests shall clearly describe the product for which approval is asked, including all data necessary to demonstrate acceptability. If the product is acceptable, the Architect will approve it in an Addendum issued to all plan holders on record.

25. BIDDING PROCEDURES:
    A. A bid is invalid if it has not been deposited at the designated location prior to the time and date for receipt of bids indicated in the advertisement or prior to any extension thereof issued

by addendum to the bidders or as directed by Rockford Construction. Bids received after the time and date for receipt of bids will be returned unopened.

B. Prior to the receipt of bids, addenda will be distributed electronically to each person or firm recorded by the Rockford Construction as having received the bidding documents and will be available for inspection wherever the bidding documents are kept available for that purpose. No addendum will be issued later than three (3) days prior to the date for receipt of bids except an addendum, if necessary, postponing the date for receipt of bids or withdrawing the request for bids. Each bidder shall ascertain prior to submitting a bid that it has received all addenda issued and shall acknowledge receipt in the bid.

C. Combined bids will be accepted only for those companies pre-qualified for more than one bid category in the same bid pack and will be considered only if submitted on a separate proposal form and proper identification of all bid categories included is given.

D. All bids must be signed as follows:
   1) Corporations: Signature of official shall be accompanied by a certified copy of the resolution of the board of directors authorizing the individual signing to bind the corporation.
   2) Partnerships: Signature of one partner shall be accompanied by a certified copy of the power of attorney authorizing the individual signing to bind all partners. If a certified copy of the partnership's certificate submitted with the bid indicates that all partners have signed, no authorization is required.
   3) Bids submitted by joint ventures shall be signed by one of the joint ventures and shall be accompanied by a certified copy of the power of attorney authorizing the individual signing to bind all the joint ventures. If a certified copy of the joint ventures' certificate submitted with the bid indicates that all joint ventures have signed, no authorization is required.
   4) Individual signing in own behalf: No authorization is required.
   5) Individual signing on behalf of another: Power of attorney or comparable evidence of authority shall accompany bid.

E. Bids shall be prepared on unaltered proposal forms furnished with the bidding documents. A separate form is required for each category.

G. No responsibility shall attach to Rockford Construction, the Owner, or the authorized representatives of either one, for the premature opening of any proposal that is not properly addressed, delivered, and identified.

H. The bidder shall assume full responsibility for timely delivery of bid to the location designated.

I. Negligence in preparation, improper preparation, errors, or omissions in the bid shall not relieve the Trade Contractor, if awarded, from fulfillment of any and all applicable obligations and requirements of the Contract Documents.

J. The Owner or Rockford Construction, in making copies of the bidding documents available, do so only for the purpose of obtaining bids for the Project and do not confer a license or grant for any other use.

26. CONSIDERATION OF BIDS:

A. The bidder acknowledges the right of Rockford and the Owner to reject any or all bids and to waive any informality or irregularity in any bid received. In addition, the bidder recognizes the right of the Owner to reject a bid:
   1) If the bidder fails to furnish any required bid security, or fails to submit the data required by the bidding documents; or
   2) If the bid is in any way incomplete or irregular; or
   3) If the bidder's performance as a Trade Contractor was unsatisfactory under a prior contract for the construction, repair, modification, or demolition of a facility with the Owner or Rockford Construction.
   4) For known poor performance by the bidder.
   5) Inadequate financial condition.

B. Rockford and the Owner may accept Mandatory and Voluntary Alternates in their sole discretion and in any order or combination.

C. Bidders may be requested to submit to Rockford Construction a properly executed Contractor's Qualification Statement or other information format specified by Rockford Construction after bid opening. Bidders shall be prepared to submit their most recent audited

financial statement prior to Rockford Construction making an award of contract. Simple balance sheets will not be acceptable.

D. Bids must be based on the entire bid category. Partial bids will not be considered.

27. BID SECURITY: Bidders are required to furnish a Bid Security in the amount of five (5%) percent of the Base Bid. The Bid Security may be in the form of a bid bond, certified, or cashier's check made payable to Northview Public Schools. This Bid Security will be a guarantee that the bidder selected by Northview Public Schools will furnish the required Performance, Labor and Material Bonds; failure to do so may result in forfeiture of the Bid Security.

28. PERFORMANCE AND LABOR AND MATERIAL BONDS:
    A. All bidders must indicate, where shown on the Proposal Form, the cost of Performance and Labor and Material Payment Bonds covering 100% of the value of the Project. Do not include the cost of the Bonds in the Base Bid.
    B. If awarded the Contract, the bidder may be required by the Owner or Rockford Construction to provide a performance bond and a labor and material payment bond, each covering up to the full amount of the Contract sum as security for the proper performance of all work under the Contract and payment of all charges in connection therewith, within fifteen (15) days after the acceptance of any proposal. The cost to provide performance bonds must be priced as a separate add option (Refer to the Bid Proposal Form - in BuildingConnected*).* The bidder shall obtain such bonds in a manner consistent with Michigan law. Bonds signed by attorney-in-fact must be accompanied by a certified and effectively dated copy of their power of attorney. Performance and labor and material payment bonds may not be required for proposals less than $50,000.00. Rockford Construction and Owner shall be named obligees.
    C. The bonds must be provided by a surety company complying with the following requirements, unless the owner has defined more stringent requirements, in which case the owner's requirements shall supersede:
        1) Policy holders rating of A- or higher
        2) Financial category not less than Class V, as shown on Best's Key Rating Guide, latest edition
        3) Listed in the Most current edition of the U.S. Department of the Treasury Circular 570 (Federal Register)
        4) Licensed in the State of Michigan
        5) Penal sum of the bond does not exceed the underwriting limitation set forth in the subject Circular, unless the excess, if any, is reinsured with the approval of the Owner.

29. MINORITY, WOMAN, AND HANDICAPPED TRADE CONTRACTORS AND SUPPLIERS:
    A. Bidders are encouraged to utilize minority, woman, and handicapped owned business on this project
    B. For assistance in locating and identifying certified businesses, contact the Department of Civil Rights, Compliance Division, Leonard Plaza, Lansing, Michigan 48913, or the Department of Transportation, Office of Small Business Liaison, or Trade Contractors Division, Transportation Building, Lansing, Michigan 48917.

30. AWARD OF TRADE CONTRACTS:
    A. Bid Proposals will be addressed to Rockford Construction. The Owner will authorize, through an action of its Board, Rockford Construction to award Trade Contracts through the execution of a Trade Contract Agreement between Rockford Construction and the successful bidder.
    B. An approved Rockford Construction Vendor Prequalification Form must be on file prior to final trade contract award.
    C. Rockford Construction and the successful bidder for each Scope of Work will enter into a Trade Contractor Agreement using Rockford Construction's/Owner's standard terms and conditions (See Section 00 52 00x) which incorporate all Contract Documents including, without limitation, this Bidding Instructions.
    D. Failure of the bidder to accept these terms and conditions may result in cancellation of the award. ANY exception to the terms and conditions MUST be submitted with bidder's bid or proposal. Modifications to the Contract Documents received after bids have been received will **not** be considered.

END OF SECTION

ADDENDUM NO. 2

Issue Date:	October 30, 2026
Project Name:	Northview Public Schools Athletics Stadium Additions and Renovation Grand Rapids, Michigan
IDS Project No.:	25116-5000

This Addendum is issued prior to receipt of bids in order to modify or interpret the Bidding Documents by additions, deletions, clarifications or corrections. Bidders are to indicate receipt of this Addendum in the space provided on the Bid Form.

NEW OR REVISED DOCUMENTS ISSUED WITH THIS ADDENDUM

Project Manual Documents:	Table of Contents, 13 3424 Metal Band Tower
Drawings:	None
Sketches:	None

PROJECT MANUAL DOCUMENTS ADDED

Item No. 1 13 3424 Metal Band Tower

DRAWINGS DELETED OR REVISED BUT NOT ISSUED

Item No. 1 None

100 cesar e. chavez ave sw, ste. 300
grand rapids, mi 49503

1441 w. long lake road, ste. 200
troy, mi 48098

248-823-2100 www.ids-michigan.com

INTEGRATED design SOLUTIONS
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32 1217 - Hot-mix Asphalt - Track
32 1216 - Hot-Mix Asphalt Concrete Paving
32 1313 - Cement Concrete Pavements, Curbs and Gutters
32 1373 - Concrete Paving Joint Sealants
32 1415 - Pavement Markings
32 1724 - Track Markings
32 1809 - Synthetic Turf (Batting Cage)
32 1818 - Synthetic Turf - Blend
32 1822 - Infield Mix - Red Clay
32 1826 - All-Weather Synthetic Track Surface
32 1828 - Long Jump Pit Sand
32 1831 - Shot Put Material
32 1852 - Performance Shock Pad
32 3119 - Ornamental Fence - Aluminum
32 3130 Chainlink Fence - Vinyl
32 3216 - Precast Concrete Retaining Wall
32 8400 - Underground Irrigation System
32 9119 - Topsoil
32 9223 - LawnSod
32 9300 - Plants

DIVISION 33 -- UTILITIES
33 1100 - Water Mains

33 3100 - Sanitary Sewers
33 4100 - Storm Sewers, Underdrains and Drainage Structures
33 4416 - Utility Trench Drain System
33 4600 - Subdrainage System - Sand
33 4605 - Subdrainage Systems - Peastone
33 4615 - Subdrainage Systems - Turf Draintile

END OF SECTION 00 0110

SECTION 13 3424 – METAL BAND TOWER

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Metal Band Tower

a. Structural steel framing system.
b. Metal stair system.
c. Metal railing system.

1.3 REFERENCE STANDARDS

A. American Institute of Steel Construction (AISC):

1. AISC 360 - Specification for Structural Steel Buildings.
2. AISC 341 – Seismic Provisions for Structural Steel Buildings (as appropriate).
3. AISC Design Guide 3 – Serviceability for Steel Buildings

B. American Iron and Steel Institute (AISI):

1. AISI S100 - North American Specification for the Design of Cold-Formed Steel Structural Members.

C. American Welding Society (AWS):

1. AWS D1.1 – Structural Welding Code – Steel.
2. AWS D1.3 – Structural Welding Code – Sheet Steel.

D. Association for Iron & Steel Technology (AISE):

1. AISE 13 – Specifications for Design and Construction of Mill Buildings.

E. ASTM International (ASTM):

1. ASTM A 325 – Standard Specification for Structural Bolts, Steel, Heat Treated, 120/105 ksi Minimum Tensile Strength.
2. ASTM A 653 – Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
3. ASTM A 792 – Standard Specification for Steel Sheet, 55 % Aluminum-Zinc Alloy-Coated by the Hot-Dip Process.
4. ASTM B 117 – Standard Practice for Operating Salt Spray (Fog) Apparatus.
5. ASTM C 518 – Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.
6. ASTM C 1363 – Standard Test Method for Thermal Performance of Building Materials and Envelope Assemblies by Means of a Hot Box Apparatus.
7. ASTM D 522 – Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings.
8. ASTM D 523 – Standard Test Method for Specular Gloss.
9. ASTM D 968 – Standard Test Methods for Abrasion Resistance of Organic Coatings by Falling Abrasive.
10. ASTM D 1308 – Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes.

11. ASTM D 2244 – Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates.
12. ASTM D 2247 – Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity.
13. ASTM D 2794 – Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
14. ASTM D 3361 – Standard Practice for Unfiltered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings.
15. ASTM D 4214 – Standard Test Methods for Evaluating the Degree of Chalking of Exterior Paint Films.
16. ASTM E 84 – Standard Test Method for Surface Burning Characteristics of Building Materials.
17. ASTM G 87 – Standard Practice for Conducting Moist SO2 Tests.

F. The Society for Protective Coatings (SSPC):

1. SSPC-Paint 15 - Primer for Use Over Hand Cleaned Steel performs to SSPC-Paint 15 standards.
2. SSPC-SP2 – Hand Tool Cleaning.

G. Underwriters Laboratories (UL):
1. UL 723 – Standard for Test for Surface Burning Characteristics of Building Materials.

1.4 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1. Review materials, installation, protection, and coordination with other work.

1.5 ACTION SUBMITTALS

A. Product Data: Submit steel band tower manufacturer's product information, specifications, and installation instructions for building components and accessories.

B. Shop and Erection Drawings: Submit steel band tower manufacturer's erection drawings, including plans, elevations, sections, and details, indicating roof framing, transverse cross-sections, covering and trim details, and accessory installation details to clearly indicate proper assembly of building components.

C. Delegated-Design Submittal: For steel band tower systems.

1. Include analysis data indicating compliance with performance requirements and design data signed and sealed by the qualified professional engineer responsible for their preparation.
2. Certify that the steel band tower design, including, but not limited to, panels, clips, and support system components, meet indicated loading requirements and codes of authorities having jurisdiction.
3. Reference specific dead loads, live loads, snow loads, wind loads/speeds, tributary area load reductions (if applicable), concentrated loads, collateral loads, seismic loads, end-use categories, governing code bodies, including year, and load applications.

D. Selection Samples: Where colors and finishes are not specified, submit 3 sets of color and finish selection charts or chips.

E. Samples for Verification:

1. Submit 3 samples of each finish, 4 by 4 inch in size, minimum; illustrating color, finish, and texture.

1.6 INFORMATIONAL SUBMITTALS

A. Qualification Data: For manufacturer and installer.

B. Operation Data: Include normal operation, troubleshooting, and adjusting.

C. Welding certificates.

D. Product Test Reports: For the following:

1. Mill test reports for structural-steel materials, including chemical and physical properties, certifying that products furnished comply with requirements.
2. Fasteners and anchors, including, but not limited to, structural bolts, nuts, and screw fasteners.
3. Mastics and adhesives.
4. Metal coatings including, but not limited to, primers, metallic coated products, and painted coil products.

E. Maintenance Data: Include data on regular cleaning.

F. Warranty: Sample of special warranty.

1.7 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with at least 5 years of documented experience; and as follows:

1. Accredited based on IAS Accreditation Criteria AC472 and requirements in International Building Code (IBC), Chapter 17.

B. Installer Qualifications: Company specializing in performing work of the type specified and with at least 5 years of documented experience; and approved or certified by manufacturer.

1.8 DELIVERY, STORAGE, AND HANDLING

A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.

B. Storage and Handling Requirements:

1. Store and handle materials in accordance with manufacturer's instructions.
2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
3. Do not store materials directly on ground.
4. Store materials on flat, level surface, raised above ground, with adequate support to prevent sagging.
5. Protect materials and finish during storage, handling, and installation to prevent damage.

1.9 WARRANTY

A. Special Finish Warranty, Factory-Applied Finishes: Standard form in which manufacturer agrees to repair finishes or replace materials that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Deterioration includes, but is not limited to, the following:

a. Color fading more than 5 Delta E units when tested in accordance with ASTM D2244.
b. Chalking in excess of a No. 8 rating when tested in accordance with ASTM D4214.
c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.

2. Warranty Period: 25 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Steel Band Tower: Subject to compliance with requirements, provide metal building systems from one of the following:

1. Melhart Manufacturing, www.melhart.com
2. Or approved equal.

B. Source Limitations: Obtain components for metal band tower from one metal band tower manufacturer or manufacturers approved by metal band tower manufacturer.

2.2 PRODUCT INFORMATION

A. Metal Band Tower Product

1. Directors Tower Dual Platform – Spiral Staircase - by Melhart Manufacturing

   a. https://melhart.com/p-1024-directors-tower-dual-platform-spiral-staircase.aspx

2. Details and Description

   a. Construction: delegated engineered steel frame with cross-braced construction, metal decking, guard railing and stairs.
   b. Coordinate foundation base requirements with manufacturer's delegated design
   c. OSHA-compliant railings, lockable door with safety cage, ANSI-approved metal decking
   d. Finish: red oxide primer with black enamel paint (per manufacturer's recommendations)
   e. Platforms and Layout:
      1) Two viewing platforms: one at 10'-0" above grade and the second at 20'-0" above grade minimum.
      2) No sun shade required
      3) 10'-0" x 5'-0" Platforms, with built-in music desks at both levels
      4) Expanded metal reinforced decking

2.3 PERFORMANCE REQUIREMENTS

A. Structural design for the building structural system shall be provided by the metal band tower manufacturer in accordance with applicable building codes and regulations as indicated on the Drawings.

B. Design Loads: Shall be in accordance with applicable building codes and as indicated on Drawings. Loads include:

1. Wind loads.
2. Seismic loads.

3. Dead loads.

   a. Dead loads shall consist of the weight of building system construction, such as framing, and covering members.

4. Collateral Loads.

   a. Collateral loads in pounds per square foot shall be applied to the entire structure to account for the weight of additional permanent materials other than the building system, such as electrical systems:

      1) This allowance excludes weight of hung equipment weighing 50 pounds or more.
      2) Equipment loads of 50 pounds or more shall be as indicated on the Drawings.

         a) Provide additional structural reinforcement at these locations.

5. Load Combinations: Load combinations used to design primary and secondary structural members shall be in accordance with applicable building codes.

C. Deflections.

1. Structural Members:

a. Maximum deflection of main framing members shall not exceed 1/720 of their respective spans.
b. Maximum deflection due to wind load in wall panels and girts shall not exceed 1/360 of their respective spans.

2. Calculations for deflections shall be done using the bare frame method.

a. Reductions based on engineering judgment using the assumed composite stiffness of the building envelope is not permitted.
b. Drift shall be in accordance with AISC Serviceability Design Considerations for Low-Rise Buildings.
c. Use of composite stiffness for deflection calculations is permitted only when actual calculations for the stiffness are included with the design for the specific project.
d. When maximum deflections are specified, calculations shall be included in the design data.

2.4 FOUNDATIONS

A. Concrete Foundations: Concrete foundation shall be provided by others; refer to Drawings and Section 03 3000 – Cast-in-place Concrete.

1. Reactions for Design of Foundations: Supplied by metal band tower manufacturer.
2. Anchor Bolts: As indicated on anchor bolt layout drawings furnished by metal band tower manufacturer.

2.5 STRUCTURAL STEEL FRAMING SYSTEM

A. Structural Steel Design:

1. Structural Mill Sections or Welded-up Plate Sections: Design in accordance with AISC Specification for Structural Steel Buildings.
2. Cold-Formed Steel Structural Members: Design in accordance with AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
3. Structural System: Design in accordance with applicable building codes and specified Design Loads.

B. Welding:

1. Welding Procedures, Operator Qualifications, and Welding Quality Standards: AWS D1.1 - Structural Welding Code – Steel and AWS D1.3 - Structural Welding Code – Sheet Steel.
2. Welding Inspections: Visual inspection as defined by AWS D1.1, paragraph 6.9.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Verify existing conditions before starting work.

B. Verify that foundations and anchor bolt requirements are correct and properly located for metal building system installation.

3.2 INSTALLATION - GENERAL

A. Install metal band tower in accordance with manufacturer's instructions.

B. Field Modifications: Do not make field modifications without written approval of metal band tower manufacturer.

C. Install metal band tower level and plumb.

3.3 ERECTION – STRUCTURAL STEEL FRAMING SYSTEM

A. Erect structural steel framing system in accordance with the Drawings and shop and erection drawings.

B. Fixed Column Bases: Grout flush with floor line after structural steel erection is complete.

3.4 ADJUSTING

A. Adjust operable elements for smooth operation.

3.5 CLEANING

A. Clean metal building system in accordance with manufacturer's instructions

3.6 PROTECTION

A. Protect installed metal building system to ensure that, except for normal weathering, metal band tower will be without damage or deterioration at time of Substantial Completion.

END OF SECTION 13 3424

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RFI #19: Bid RFI 19 - Miscellaneous Civil, Turf, Exterior Improvements Clarifications

Revision	0	**Status**	Closed on 10/30/26
To	Bill Zaske (Integrated Design Solutions) *(Response Required)*	**From**	Morgan Gross (Rockford Construction) 601 First Street NW Grand Rapids, Michigan 49504
Date Initiated	Oct 19, 2026	**Due Date**	Oct 22, 2026
Location		**Project Stage**	Bidding
Cost Impact	No	**Schedule Impact**	No
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From			
Copies To	Kala Slater (Rockford Construction), Dan Korcek (Rockford Construction)		

Activity

Question

Question from Morgan Gross Rockford Construction *on Monday, Oct 19, 2026 at 03:38 PM EDT*

The Following questions have been presented by an interested Bidder Prior to the RFI due date.

1. Bullpen Turf Alternate Assembly - The bullpen alternate shows 6 inches of aggregate while Section 32 1123 requires an 8-inch
minimum full profile. Confirm the required base thickness, turf product/pile height, infill and pad
requirements for both double bullpens, including mound transition limits. Confirm earthwork and
concrete adjustments remain with their respective trades and are coordinated with this alternate.
2. Shock Pad at Stadium South D-Zone and Band Field - LD1.01 detail 15 labels the south D-zone pad optional while #32D includes a stadium pad. Confirm that the pad is included throughout the south D-zone. Auxiliary-only pad notes at the auxiliary/band
details otherwise indicate no band-field pad; confirm this interpretation.
3. Field Markings for Flag Football - The flag-football entry is blank. Confirm whether flag-football markings are required; if so, issue
colors, widths, dimensions and applicable fields. Confirm the issued graphics sheets define the base bid markings and provide editable logo/lettering artwork before shop drawing preparation.
4. Testing Scope, Payer and Minimum Locations - Please identify who contracts and pays for subgrade/aggregate compaction, permeability, sieve tests and planarity/string checks, because the base sections refer to Owner-selected/provided testing while #32D includes testing. Confirm whether eight base permeability locations and ten turf Gmax/HIC locations apply separately to each field, and identify any required warranty-period testing
frequency and payer. Confirm HIC applies only to padded areas.
5. Performance and Acceptance Criteria - The turf section requires system infiltration greater than 16 inches/hour in testing but greater than 10 inches/hour in product requirements; the aggregate section references 14 inches/hour for the system including stone. Confirm the test method, assembly and governing threshold at each stage. Also clarify initial padded-field G-max less than 120 versus the 80-165 warranty range and whether/when HIC must be retested during warranty.

Official Response

Response from Bill Zaske Integrated Design Solutions *on Friday, Oct 30, 2026 at 11:47 AM EDT*

1. Addressed in addendum 1.
2. Addressed in addendum 1. Shock pad to be included at aux and stadium field.
3. No flag football markings to be included.
4. Aggregate testing by others. Stringline to be conducted by FDI & turf company. Turf company to provide and pay for Gmax/HIC testing. Each turf field shall be tested independently and will require (8) permeability tests & (10) Gmax/HIC tests each. Gmax/HIC testing apply to all fields, regardless of pad or no pad. Turf company shall provide an initial Gmax / HIC test upon installation. Any subsequent testing would be facilitated and paid for by Owner and their own frequency.
5. Full turf system to infiltrate at 14"/hr minimum. Material shall be tested by a testing agency selected by the Owner to ensure compliance with the submitted documentation (ASTM D422 particle size analysis and ASTM 2898 or F1551-09/DIN 18-035:6, permeability to water). A minimum of 8 tests shall be performed at random locations selected by Owner’s representative. Fields with shock pad shall be tested and meet less than 120 G's at time of installation (per test, not average) and remain within 80-165 G's through the length of the warranty. Any subsequent testing would be facilitated and paid for by Owner and their own frequency.

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RFI #21: Bid RFI 21 - Additional Turf Clarifications

Revision	0	**Status**	Closed on 10/29/26
To	Bill Zaske (Integrated Design Solutions) *(Response Required)*	**From**	Morgan Gross (Rockford Construction) 601 First Street NW Grand Rapids, Michigan 49504
Date Initiated	Oct 20, 2026	**Due Date**	Oct 23, 2026
Location		**Project Stage**	Bidding
Cost Impact	No	**Schedule Impact**	No
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From			
Copies To	Kala Slater (Rockford Construction), Dan Korcek (Rockford Construction)		

Activity

Question

Question from Morgan Gross Rockford Construction *on Tuesday, Oct 20, 2026 at 09:42 AM EDT*

RFI questions included here were presented to the Rockford team within the Bid RFI deadline.

1. **Shock Pad:** No Manufacturer is named for the 20 MM XLPE pad. Name the basis of design and acceptable products. Confirm no pad at the band field (details) although the schedule shows "Install Shock Pad" there.
2. **Insured Warranty:** Confirm the $5M per occurrence / $15M annual aggregate, single policy, no deductible applies per manufacturer (not per field), and that the batting cage turf needs only the 10-yr manufacturer warranty.
3. **Missing Specs:** Please Provide Spec Section 03 3053. This is currently not included in the spec book.
4.
5.

Official Response

Response from Bill Zaske Integrated Design Solutions *on Thursday, Oct 29, 2026 at 10:37 AM EDT*

1. No pad on the Band Field.

2. The intent of the insured warranty is to apply to each synthetic turf system (product) installed for the project. The project intent is to use one synthetic turf system (product) across all three fields. Refer to specification section 32 1809 Synthetic Turf (Batting Cage), PART 1 - GENERAL, 1.7 WARRANTY

3. Section 03 3053 was issued in Addendum 01

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RFI #24: Bid RFI 24 - Fence Grounding Requirement Confirmation

Revision	0	**Status**	Closed on 10/29/26
To	Bill Zaske (Integrated Design Solutions) *(Response Required)*	**From**	Morgan Gross (Rockford Construction) 601 First Street NW Grand Rapids, Michigan 49504
Date Initiated	Oct 23, 2026	**Due Date**	Oct 28, 2026
Location		**Project Stage**	Bidding
Cost Impact	No	**Schedule Impact**	No
Spec Section		**Cost Code**	
Drawing Number	E5.2	**Reference**	
Linked Drawings			
Received From			
Copies To	Kala Slater (Rockford Construction), Dan Korcek (Rockford Construction)		

Activity

Question

Question from Morgan Gross Rockford Construction *on Friday, Oct 23, 2026 at 02:03 PM EDT*

Sheet E5.2 Fence Grounding detail indicates requirements for grounding, However it does not specify spacing of the grounding. Please advise on the increments of the grounding.

If Grounding of the fence is not required or necessary, please advise.

Official Response

Response from Bill Zaske Integrated Design Solutions *on Thursday, Oct 29, 2026 at 10:38 AM EDT*

No fence grounding is required on this project.

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RFI #25: Bid RFI 25 - Turf Specifications Clarification

Revision	0	**Status**	Closed on 10/30/26
To	Bill Zaske (Integrated Design Solutions) *(Response Required)*	**From**	Morgan Gross (Rockford Construction) 601 First Street NW Grand Rapids, Michigan 49504
Date Initiated	Oct 27, 2026	**Due Date**	Oct 30, 2026
Location		**Project Stage**	Bidding
Cost Impact	No	**Schedule Impact**	No
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From			
Copies To	Kala Slater (Rockford Construction), Dan Korcek (Rockford Construction)		

Activity

Question

Question from Morgan Gross Rockford Construction *on Tuesday, Oct 27, 2026 at 11:19 AM EDT*

There are 2 different specifications on the batting cage turf.

Under 1.2 System Description there is the following:

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:
1. Batting Cages: 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.
2. Bullpens: Alternate Bid; 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.
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.

Then under 2.1 Materials there is the following:

2.1 MATERIALS - SYNTHETIC GRASS
A. Synthetic Turf Material for 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.
a. Batting Cages: 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.
b. Bullpens: Coated secondary backing of synthetic coating with a minimum application rate of 20 oz/yd². The product face weight shall not weigh less than 36 oz/yd².The total product weight, including primary and secondary backing, shall not be less than 76 oz/yd.
2. The tufted rows of fiber are to be placed 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 conventionalsneaker 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.

These are different types of turf. Please clarify which one to use?

Official Response

Response from Bill Zaske Integrated Design Solutions *on Friday, Oct 30, 2026 at 11:48 AM EDT*

1. Refer to section 2.1 for batting cage turf material.

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RFI #26: Bid RFI 26 - Addendum 01 Netting Salvage Clarification

Revision	0	**Status**	Closed on 10/30/26
To	Bill Zaske (Integrated Design Solutions) *(Response Required)*	**From**	Morgan Gross (Rockford Construction) 601 First Street NW Grand Rapids, Michigan 49504
Date Initiated	Oct 27, 2026	**Due Date**	Oct 30, 2026
Location		**Project Stage**	Bidding
Cost Impact	No	**Schedule Impact**	No
Spec Section		**Cost Code**	
Drawing Number		**Reference**	
Linked Drawings			
Received From			
Copies To	Kala Slater (Rockford Construction), Dan Korcek (Rockford Construction)		

Activity

Question

Question from Morgan Gross Rockford Construction *on Tuesday, Oct 27, 2026 at 11:43 AM EDT*

C2.3 Addendum 1 change note clouded in the middle of the varsity baseball field. Note now indicates that the Netting is to be salvaged. Can you be more specific on which netting is to be salvaged. Is this to be turned over to the district? What is the intent with this netting?

Official Response

Response from Bill Zaske Integrated Design Solutions *on Friday, Oct 30, 2026 at 01:02 PM EDT*

Overhead safety netting to be salvaged and reused at new baseball field.