

ADDENDUM NO. 1

February 7, 2022

**HANOVER CENTRAL HIGH SCHOOL FOOTBALL FIELD & TRACK
IMPROVEMENTS
Cedar Lake, IN 46303**

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 26, 2022 by Gibraltar Design. 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 attached Addendum No. 1 from Gibraltar Design dated February 7, 2022 and consisting of 2 pages and 2 drawings.

ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design and The Skillman Corporation for **Hanover Central High School Football Field and Track Improvements** for Hanover Community School Corporation, Cedar Lake, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 32 13 80 Exterior Concrete and Site Equipment

- A. Revise Paragraph 2.1.A. as follows:
"A. Cement: ASTM C150 Normal Air-Entraining Type 1A Portland Type, Gray Color."
- B. Add Paragraph 2.1.C. as follows:
"C. Moisture Vapor Reduction Admixture: Flat concrete work at D-Zone.
 - 1. Basis of Design Product: Provide Barrier One as Manufactured by Barrier One incorporated, or approved equal."
- C. Delete Paragraphs 2.9., 2.11., 3.7., and 3.8. In their entirety.

2. Specification Section 32 18 11 Synthetic Turf Subsurface and Drainage System

- A. Delete reference in Paragraph 1.7.A. to Alternate Bid.
- B. Delete reference in Paragraph 3.6.B. in its entirety.

3. Specification Section 32 18 12 Synthetic Turf System

- A. Due to requests by manufacturers for clarification on custom color turf, Add to Paragraph 2.2.A.10.: Custom Turf Colors required are as Follows:
 - 1. Dark Blue: Sherwin Williams #9150, Endless Sea.
 - 2. Light Blue: Sherwin Williams #9063, Porch Ceiling.
 - 3. Red: Sherwin Williams #18-1643, Cardinal.
- B. Clarification to Paragraph 2.2.G.: Stitch Gauge, Provide manufacturers standard gauge for stitching.
- C. Add to Paragraph 2.2.G.: Total Infill Weight of Turf: 9.0 to 10.0 lbs./sf.

4. Specification Section 32 18 25 All Weather Urethane Track Surface

- A. Revise Paragraph 2.1. as follows:
 - "A. Beynon Sports Surfaces, Inc.; BSS 1000 System, Embedded Texture.
 - B. Rekortan Sports Group.; G-13, Embedded Texture.
 - C. Substitutions: Under Provisions of Division 1."

DRAWINGS

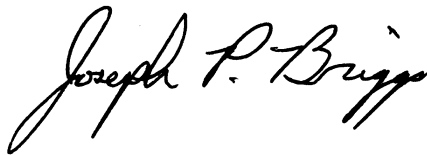
5. Sheet A-1.1

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
 - 1. Clarification on underground utilities.
 - 2. Clarification of excavation depth over entire field.
 - 3. Revision to existing catch basins in D-Zone.

6. Sheet A-4.0

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
 - 1. Clarification on reinstallation requirements on existing equipment. Note that the Goal Posts manufacturer is not known, Contractor is to follow industry standards for removal and reinstallation of goal posts.
 - 2. Clarification of concrete curb location.
 - 3. Revision to include the existing catch basins for drainage in the D-Zone.
 - 4. Clarification on curb, top of stone, and minimum subgrade symbol legend indicated on site plan – NOTE, these elevations are approximate and intent is to match existing grade at all locations. Alignment with edge of track is critical. Due to questions on suitable soil and depth of excavation, it has been clarified and the contractor is required to bring up the depth of the sub-grade with structural fill to the underside of the stone fill for the turf system.

Pages 1 through 2, inclusive, and Two (2) Full-Size Drawings, constitute the total makeup of **Addendum One**.




Y:\20-144 Hanover CSC - High School Addition and Renovations\Specs\Hanover Turf and Track Project\Addendum 1\AD01.doc

[illegible]

DEMOLITION PLAN NOTES:

- 1 CONTRACTOR IS TO REMOVE THE EXISTING NATURAL TURF FIELD AND SUB-GRADE TO PERIMETER EDGES OF INSIDE OF TRACK TO A DEPTH OF MINIMUM 18". CONTRACTOR IS TO CONFIRM SUITABLE SOILS ARE OBTAINED TO ACHIEVE REQUIRED COMPACTION. PROTECT EDGE OF TRACK AS REQUIRED.
- 2 REMOVE MINIMUM AMOUNT OF EXISTING EDGE OF ASPHALT IN ORDER TO INSTALL NEW CONCRETE CURB.
- 3 LEAVE EXISTING ELECTRICAL BOXES AND CONDUIT INSTALLED TO EXTENT REQUIRED FOR REPAIRS AND REWIRING UNDER NEW SCOPE. CUT AND CAP CONDUITS IF REQUIRED DUE TO DEMOLITION OR EXCAVATION – BUT WITHIN TRACK CONDITION. PREPARE AS REQUIRED FOR NEW HAND-HOLE BOXES. PREPARE AS REQUIRED FOR NEW HAND-HOLE BOXES AT THE SAME LOCATION AS ORIGINAL – FIELD VERIFY LOCATIONS AND NUMBERS FOR FINAL SCOPE. CONTRACTOR IS TO INCLUDE REPLACEMENT OF WIRE IN CONDUITS BACK TO SOURCE IF NECESSARY IN ORDER TO PROVIDE POWER TO ORIGINAL LOCATIONS.
- 4 TURF INSTALLER SHALL REMOVE AND REINSTALL EXISTING FIELD GOAL POSTS AND RINGS. CONTRACTOR TO PROVIDE FOR TURF INSTALLATION. CONTRACTOR TO PROVIDE NEW HAND-HOLES AS REQUIRED FOR COMPLETE INSTALLATION OF POWER TO EACH EXISTING SYSTEM AND LOCATION.
- 5 CAP EXISTING STORM STRUCTURE WITH 3/8"-INCH PLATE, BOLT IN PLACE. PROTECT EXISTING STORM STRUCTURE AND EXISTING PLATES TO REMAIN.
- 6 REMOVE EXISTING NATURAL GRASS TO A MINIMUM DEPTH OF 12" OR UNTIL SUITABLE SOILS ARE ENCOUNTERED FOR INSTALLATION OF NEW 4" OF CONCRETE ON 6" STONE BASE INFILL AREA – TO EXTENT INDICATED.
- 7 REMOVE EXISTING TRACK SURFACE UP TO EXISTING ASPHALT SURFACE. CLEAN AND PREPARE EXISTING ASPHALT SURFACE AS REQUIRED BY NEW TRACK SURFACE MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
- 8 PREPARE EXISTING STORM CATCH BASIN/STRUCTURE FOR CONCRETE EXTENSION RINGS TO BRING THE INLET UP A FEW INCHES TO PROVIDE PROPER DRAINAGE OF THE TRACK SURFACE. FIELD VERIFY TRACK SURFACE – FIELD VERIFY FINAL GRADES AND PROVIDE IN SUBMITTALS WITH FIELD DRAINAGE CALCULATIONS.



PROJECT 20-144 DATE 01/24/22 COORDINATED BY JPB DRAWN BY DTB CHECKED BY JPB	 <p>JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT</p> <p><i>Joseph P. Briggs</i></p>
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DRAWING

FOOTBALL FIELD
ARTIFICIAL TURF SITE
DEMOLITION PLAN

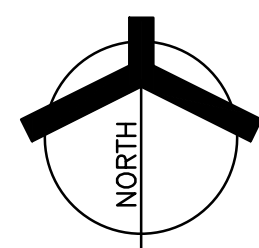
PROJECT
HANOVER CENTRAL HIGH SCHOOL
ADDITIONS AND RENOVATIONS

© GIBBALTAS DESIGN	SHEET
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C-1.1

0 25' 50' 100'

SCALE: 1" = 30'



Monday, 2/7/2022 - 4:57 AM - LAST SAVED BY:JBRIGGS
Y:\20-144 HANOVER CSC - HIGH SCHOOL ADDITION AND
RENOVATIONS\20-144 DRAWINGS\03 SITE\C-1.1.DWG

OWNER: AUSTGEN, JOHN K. & JEANNE L.
ADDRESS: 10505 W 129TH ST.
CEDAR LAKE, IN
PARCEL NO.: 45-15-21-401-001.000-014

N 89°59'45" E ~ 1332.11' (platted) ~ 1327.66' meas.

GENERAL NOTES:

- SITE SURVEY INFORMATION IS PROVIDED BY OWNER, IS NOT 100% CERTIFIED BY TORRENGA ENGINEERING INC. CONTRACTOR IS TO VERIFY ALL ELEVATIONS AND NOTIFY CM AND ARCHITECT OF ANY DISCREPANCIES.
- UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON INFORMATION AT THE TIME OF SURVEY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXACT LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES TO REMAIN AND REPAIRING OR REPLACING ANY DAMAGE DUE TO CONSTRUCTION ACTIVITY. CONTRACTOR IS TO NOTIFY CM AND ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR IS RESPONSIBLE FOR COSTS ASSOCIATED WITH DISCONNECTING, REMOVING, OR RELOCATING/RECONNECTING EXISTING UTILITIES ALONG WITH CONNECTING NEW UTILITIES ASSOCIATED WITH CONSTRUCTION SCOPE.
- VALVES, MANHOLES, HAND-HOLES, UTILITY BOXES, AND SIMILAR STRUCTURES NOT DESIGNATED FOR REMOVAL, SHALL BE PROTECTED AND ADJUSTED TO NEW FINISH ELEVATIONS BY CONTRACTOR.
- CONTRACTOR IS TO VERIFY ALL DIMENSIONS, VERTICALLY AND HORIZONTALLY BETWEEN EXISTING AND NEW CONSTRUCTION, AND NOTIFY CONSTRUCTION MANAGER/ARCHITECT IF ANY DISCREPANCIES.
- CONTRACTOR IS REQUIRED TO PROVIDE DEMOLITION AND CONSTRUCTION PLAN FOR OWNER AND CONSTRUCTION MANAGER APPROVAL - INCLUDED IN PLAN IS PROTECTION OF EXISTING ASPHALT TRACK SYSTEM AT ACCESS POINT AND ON FULL PERIMETER. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING ASPHALT TRACK. CONTRACTOR IS TO PREPARE EXISTING ASPHALT SURFACE AS REQUIRED TO RECEIVE NEW URETHANE FINISH.
- SYNTHETIC TURF SURFACE SHALL BE INSTALLED AT .5% GRADE STARTING FROM TOP EDGE OF NEW CONCRETE CURBS AND EXTENDED TO CENTER LINE OF FIELD FROM SIDELINES AND FROM ENDZONES.
- CONTRACTOR IS TO ESTABLISH RADIUS POINTS FOR TRACK CURVE TO ENSURE FOOTBALL FIELD IS PARALLEL WITH TRACK PRIOR TO CUTTING EDGE OF TRACK FOR INSTALLATION OF CONCRETE CURBS.
- CONTRACTOR IS TO PROVIDE TOTAL ARTIFICIAL TURF REPLACEMENT COMPLETE, NEW TURF, NEW INFILL, NEW 2X4 PERIMETER TREATED WOOD BLOCKING, AND NEW LOGOS/TEXT AS INDICATED.
- CONTRACTOR IS TO MATCH ALL EXISTING LINENWORK AS APPLICABLE AND DESIRED BY OWNER.
- CONTRACTOR IS TO COORDINATE AND PROVIDE FOR SUB-TURF ACCESS TO ANY EXISTING VALVES, HAND-HOLES, OR UTILITY BOXES AS REQUIRED.

PLAN NOTES:

- PROVIDE NEW SYNTHETIC TURF AND SUB-BASE DRAINAGE SYSTEMS AS SPECIFIED.
- NEW TURF TEXT. TEXT IS TO BE "HANOVER" AND "WILDCATS".
- EXISTING TRACK AND TRACK EVENT TO REMAIN - PREPARE EXISTING ASPHALT SURFACE PER NEW TRACK SURFACE MANUFACTURERS INSTRUCTIONS AND INSTALL NEW URETHANE TRACK SURFACE SYSTEM AND STRIPS PER SPECIFICATIONS.
- REINSTALL ANY EQUIPMENT REMOVED AND STORED DURING CONSTRUCTION. - PROVIDE NEW POSTS FOR TIME CLOCKS IF EXISTING POSTS DAMAGED DURING REMOVAL. REINSTALL GOAL POSTS PER ORIGINAL MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
- NEW INFIELD TURF LOGO - OWNER WILL PROVIDE NEW LOGO GRAPHICS - REFER TO SPECIFICATIONS.
- PROTECT EXISTING ASPHALT TRACK THROUGHOUT CONSTRUCTION - REPAIR ANY DAMAGES AS REQUIRED.
- END LINES AND SIDELINES - CONTINUOUS LINES 6" WIDE TYPICAL ALL OTHER LINES ARE 4" TYPICAL.
- STOP ALL YARD LINES INSIDE BOUNDARIES 4" FOR EACH SIDE LINE TYPICAL.
- INBOUNDS LINES SHALL BE 24" LONG, 4" WIDE, TYPICAL.
- CUSTOM COLOR 6'-0" WIDE BOARDER AROUND FIELD WITH CUSTOM COLOR 12'-0" WIDE PLAYERS/COACHES AREA ON BOTH SIDES OF FIELD.
- YARD LINE NUMBERING TO BE 24" WIDTH, 6'-0" TALL FOR EACH NUMBER AND INCLUDE MATCHING DIRECTIONAL ARROW TYPICAL.
- PROVIDE CONCRETE CURB ON FOOTBALL FIELD PERIMETER OF TRACK CONDITION, INCLUDING NEW EDGE CONDITION ALONG TRIPLE JUMP, NEW CONCRETE INFILL AROUND PITS, AND ALONG THE LONG JUMP TRACK AND PITS.
- PROVIDE NEW CONCRETE AND STONE BASE TO FLUSH WITH EXISTING ASPHALT TO ZONE, ADJUST GRADE FOR POSITIVE DRAINAGE TO MANHOLES, AND PREPARE FOR RECEIVING NEW URETHANE TRACK SURFACE.
- MODIFY/CAPTURE EXISTING ELECTRICAL CONDUIT/PVC AND WIRING UTILIZE EXISTING RECEPTACLES OR PROVIDE NEW RECEPTACLES/JUNCTION BOXES AS REQUIRED BY FIELD CONDITIONS. INCORPORATE RECEPTACLES/J-BOXES INTO A NEW HUBBELL POLYMER CONCRETE HAND-HOLE AS INDICATED ON DRAWINGS. PROVIDE NEW HAND-HOLE BOX AND EXTEND POWER TO EXISTING LOCATIONS AND TO TIME CLOCKS. EXTEND ONE DUPLEX RECEPTACLE UP 2'-0" ON POST SUPPORT ON EACH TIME CLOCK. REFER TO DETAILS.
- CONTRACTOR TO INSTALL/CONNECT TURF DRAINAGE SYSTEM DIRECTLY TO MANHOLE INDICATED. DESIGN OF TIE-IN AND DRAINAGE DESIGN AND LAYOUT TO BE PROVIDED AS REQUIRED PER SPECIFICATIONS.
- CONTRACTOR IS TO MODIFY THE EXISTING CATCH BASIN BY INSTALLING ADDITION CONCRETE EXTENSION RINGS AS NEEDED TO ALIGN WITH THE UPDATED GRADES OF THE REVISED D-ZONE. FIELD COORDINATE AND VERIFY NUMBER OF RINGS AND DRAINAGE ELEVATIONS DESIRED IN FIELD.

SYMBOL LEGEND:

- XXX.XX — TOP OF CURB (APPROX. - INTENT IS TO MATCH EXISTING TRACK EDGE)
XXX.XX — TOP OF STONE (APPROX.)
XXX.XX — SUBGRADE - MINIMUM (APPROX.)



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PROJECT

**HANOVER
CENTRAL HIGH
SCHOOL
ADDITIONS AND
RENOVATIONS**

HANOVER COMMUNITY SCHOOL
CORPORATION
CEDAR LAKE, INDIANA

GIBALTAR DESIGN

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PROJECT

20-144

DATE

03/29/21

COORDINATED BY

JPB

DRAWN BY

DTB

CHECKED BY

JPB

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REVISIONS

MARK DATE ISSUED FOR

AD-1 2/07/22 ADDENDUM NO. 1

DRAWING

**FOOTBALL FIELD ARTIFICIAL
TURF AND TRACK SITE PLAN**

PROJECT

**HANOVER CENTRAL HIGH SCHOOL
ADDITIONS AND RENOVATIONS**

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FOOTBALL FIELD ARTIFICIAL TURF AND TRACK SITE PLAN

