

**ADDENDUM  
NO. 2**

**February 11, 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. 2 from Gibraltar Design dated February 11, 2022 and consisting of 2 pages and 3 drawings.

## ADDENDUM TWO

**Addendum Two (AD.02)** 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 Addendum 1, this Addendum and include the appropriate content of same within their bid proposal.

### GENERAL

#### 1. Addendum #1

- A. Revise the Drawing Headings for the Civil Drawings that were attached to the Addendum, in the write up, should have been C-1.1 and C-4.0 respectfully.

### SPECIFICATIONS

#### 2. None

### DRAWINGS

#### 3. Sheet C-1.1

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
  - 1. Addition of demolition of irrigation lines within the track area – with the intercepting of the water line accordingly.

#### 4. Sheet C-4.0

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
  - 1. Clarification of where the irrigation systems valve control box is located.
  - 2. Clarification of intercepting the water line on interior of track side – coordinate and confirm location and installation of a valve box.
  - 3. Addition of power and Microphone hand-holes connected to the Press Box to two field locations.

#### 5. Sheet C-5.0

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
  - 1. Clarification of concrete slab infill requirements and depth of slab.

2. Additional Hand-Hole design requirements for electrical boxes to be located in place of the existing hand-holes and the addition of two Microphone Hand-Hole boxes with power receptacle requirements being added to the project.
3. Addition of a Valve Box Detail for the interception of the water line noted above.

Pages 1 through 2, inclusive, and Three (3) Full-Size Drawings, constitute the total makeup of **Addendum Two**.



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Y:\20-144 Hanover CSC - High School Addition and Renovations\Specs\Hanover Turf and Track Project\Addendum 2\AD02.doc

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



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PROJECT  
**HANOVER CENTRAL HIGH SCHOOL FOOTBALL FIELD AND TRACK IMPROVEMENTS**  
 HANOVER COMMUNITY SCHOOL CORPORATION  
 CEDAR LAKE, INDIANA

**GENERAL DEMOLITION NOTES:**

- A. 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.
- B. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON INFORMATION AT THE TIME OF SURVEY, AND SOME UTILITIES ARE NOT SHOWN. REGARDLESS OF SHOWN OR NOT, THE 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.
- C. CONTRACTOR IS RESPONSIBLE FOR COSTS ASSOCIATED WITH DISCONNECTING, REMOVING, OR RELOCATING/RECONNECTING EXISTING UTILITIES ALONG WITH CONNECTING NEW UTILITIES ASSOCIATED WITH CONSTRUCTION SCOPE.
- D. VALVES, MANHOLES, HAND-HOLES, UTILITY BOXES, AND SIMILAR STRUCTURES NOT DESIGNATED FOR REMOVAL, SHALL BE PROTECTED AND ADJUSTED TO NEW FINISH ELEVATIONS BY CONTRACTOR.
- E. CONTRACTOR IS TO VERIFY ALL DIMENSIONS, VERTICALLY AND HORIZONTALLY BETWEEN EXISTING AND NEW CONSTRUCTION, AND NOTIFY CONSTRUCTION MANAGER/ARCHITECT IF ANY DISCREPANCIES.
- F. 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.
- G. SYNTHETIC TURF SURFACE SHALL BE INSTALLED AT .5% GRADE STARTING FROM TOP EDGE OF NEW CONCRETE CURB AND EXTENDED TO CENTER LINE OF FIELD FROM SIDELINES AND FROM ENDZONES.
- H. 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 CURB.
- I. CONTRACTOR IS TO PROVIDE TOTAL ARTIFICIAL TURF REPLACEMENT COMPLETE, NEW TURF, NEW INFILL, NEW 2'x4' PERIMETER TREATED WOOD BLOCKING, AND NEW LOGOS/TEXT AS INDICATED.
- J. CONTRACTOR IS TO MATCH ALL EXISTING LINENWORK AS APPLICABLE AND DESIRED BY OWNER.
- K. CONTRACTOR IS TO COORDINATE AND PROVIDE FOR SUB-TURF ACCESS TO ANY EXISTING VALVES, HAND-HOLES, OR UTILITY BOXES AS REQUIRED.

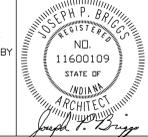
**DEMOLITION PLAN NOTES:**

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 ENCOUNTERED 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 POSSIBLE FOR RECONNECTION AND REMOVING 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, TIMERS, AND CLOCKS AS REQUIRED 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 PIPES 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 COMPLETE DOWN 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 FOR DRAINAGE OF THE REVISED D-ZONE AND ADJACENT TRACK SURFACE - FIELD VERIFY FINAL GRADES AND PROVIDE IN SUBMITTAL WITH FIELD DRAINAGE CALCULATION.
9. CONTRACTOR IS TO REMOVE THE EXISTING IRRIGATION SYSTEM WITHIN THE FOOTBALL FIELD. CONTRACTOR IS TO VERIFY EXTENT AND LOCATION. NO DRAWINGS ARE AVAILABLE FOR LOCATION OF HEADS AND PIPING.
10. CONTRACTOR IS TO INTERCEPT THE WATER LINE FEED FOR THE IRRIGATION SYSTEM AT NEAR THE LOCATION WHERE IT CROSSES UNDER THE EXISTING TRACK, VERIFY LOCATION AND PREPARE FOR NEW HAND-HOLE BOX.

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PROJECT  
 20-144  
 DATE  
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 JPB  
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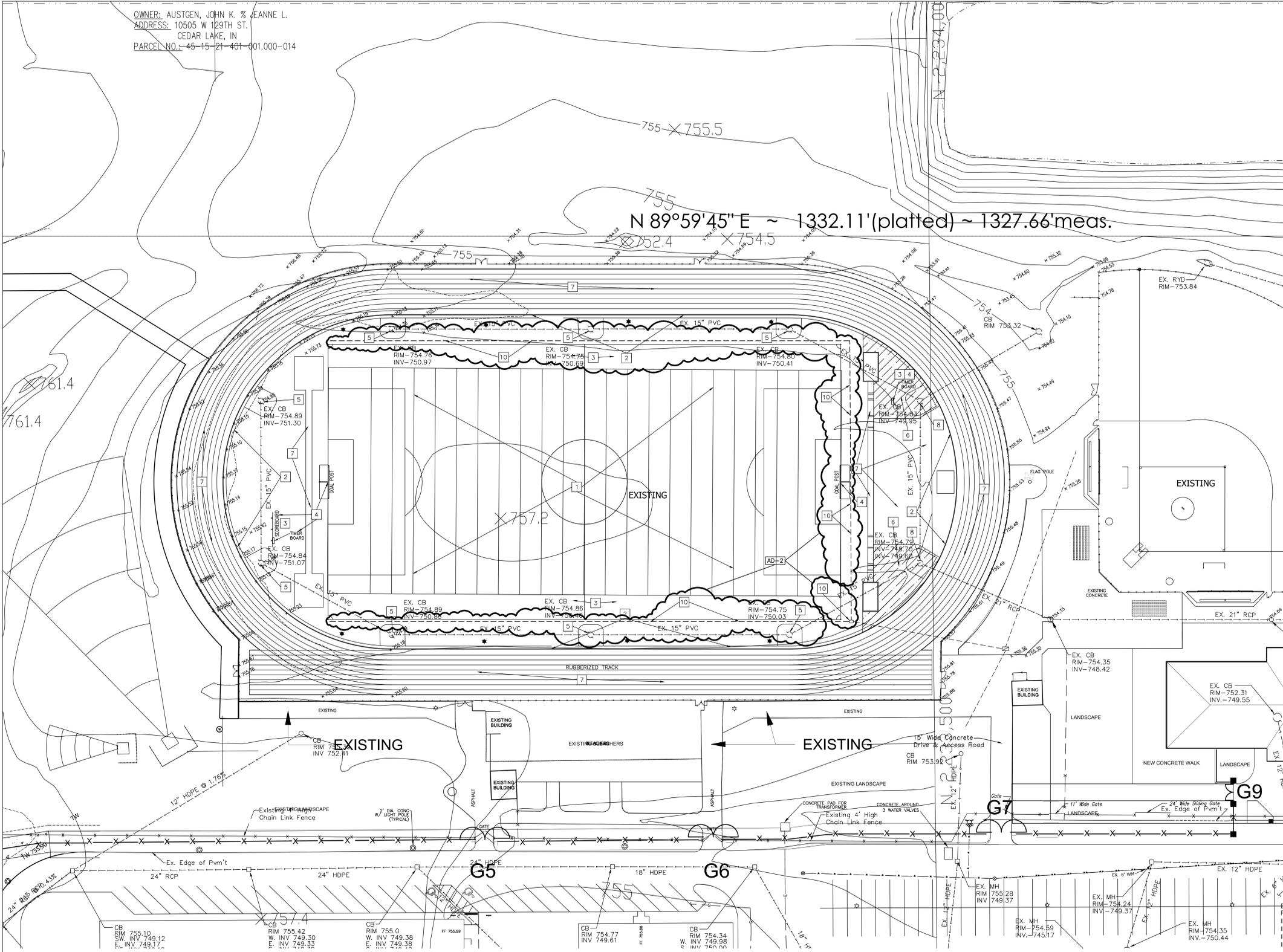
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AD-1	2/07/22	ADDENDUM NO. 1
AD-2	2/11/22	ADDENDUM NO. 2

DRAWING  
**FOOTBALL FIELD ARTIFICIAL TURF SITE DEMOLITION PLAN**

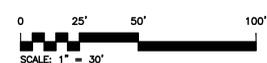
PROJECT  
 HANOVER CENTRAL HIGH SCHOOL  
 ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN SHEET  
**C-1.1**

N 89°59'45" E ~ 1332.11'(platted) ~ 1327.66'meas.  
 755 X 755.5  
 755  
 752.4 X 754.5



**STADIUM FIELD AND TRACK SITE DEMOLITION PLAN**



Friday, 2/11/2022 - 8:54 AM - LAST SAVED BY: JPB  
 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

755 X 755.5  
 755  
 N 89°59'45" E ~ 1332.11' (platted) ~ 1327.66' meas.  
 752.4 X 754.5

- GENERAL NOTES:**
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  - 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 CURB 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 CURB.
  - 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.



PROJECT  
**HANOVER CENTRAL HIGH SCHOOL ADDITIONS AND RENOVATIONS**  
 HANOVER COMMUNITY SCHOOL CORPORATION  
 CEDAR LAKE, INDIANA

- 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 STRIPING 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 INLAIN 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.
  - IRRIGATION VALVE CONTROL BOX - VERIFY LOCATION.
  - CONTRACTOR IS TO INTERCEPT THE WATER LINE ON THE INTERIOR SIDE OF THE TRACK - VERIFY EXACT LOCATION - AND PROVIDE A VALVE, BOX PER DETAIL. CONFIRM FIELD CONDITIONS.
  - CONTRACTOR IS TO PROVIDE A CONNECTION TO THE COMMUNICATION BOARD IN THE PRESS BOX, BORE UNDER TRACK AND PROVIDE NEW HAND-HOLES ON INTERIOR SIDE OF TRACK AND ANOTHER BEHIND THE GOAL POST ON THE EAST END OF THE FIELD. PROVIDE A 2" CONDUIT UNDER THE TRACK AND FROM HAND-HOLE TO HAND-HOLE BOX AND PROVIDE DATA WIRING THAT MATCHES THE CURRENT WIRING UTILIZED AT THE FIELD. PROVIDE MICROPHONE CONNECTIONS AT EACH HAND-HOLE BOX FOR OWNER USE. IN ADDITION, RUN ONE POWER RECEPTACLE TO EACH OF THESE BOXES FROM ONE OF THE NEAR-BY ELECTRICAL HAND-HOLES.

**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  
 20-144  
 DATE  
 03/29/21  
 COORDINATED BY  
 JPB  
 DRAWN BY  
 DTB  
 CHECKED BY  
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JOSEPH P. BRIGGS  
 REGISTERED  
 NO. 11600109  
 STATE OF INDIANA  
 ARCHITECT  
 Joseph P. Briggs

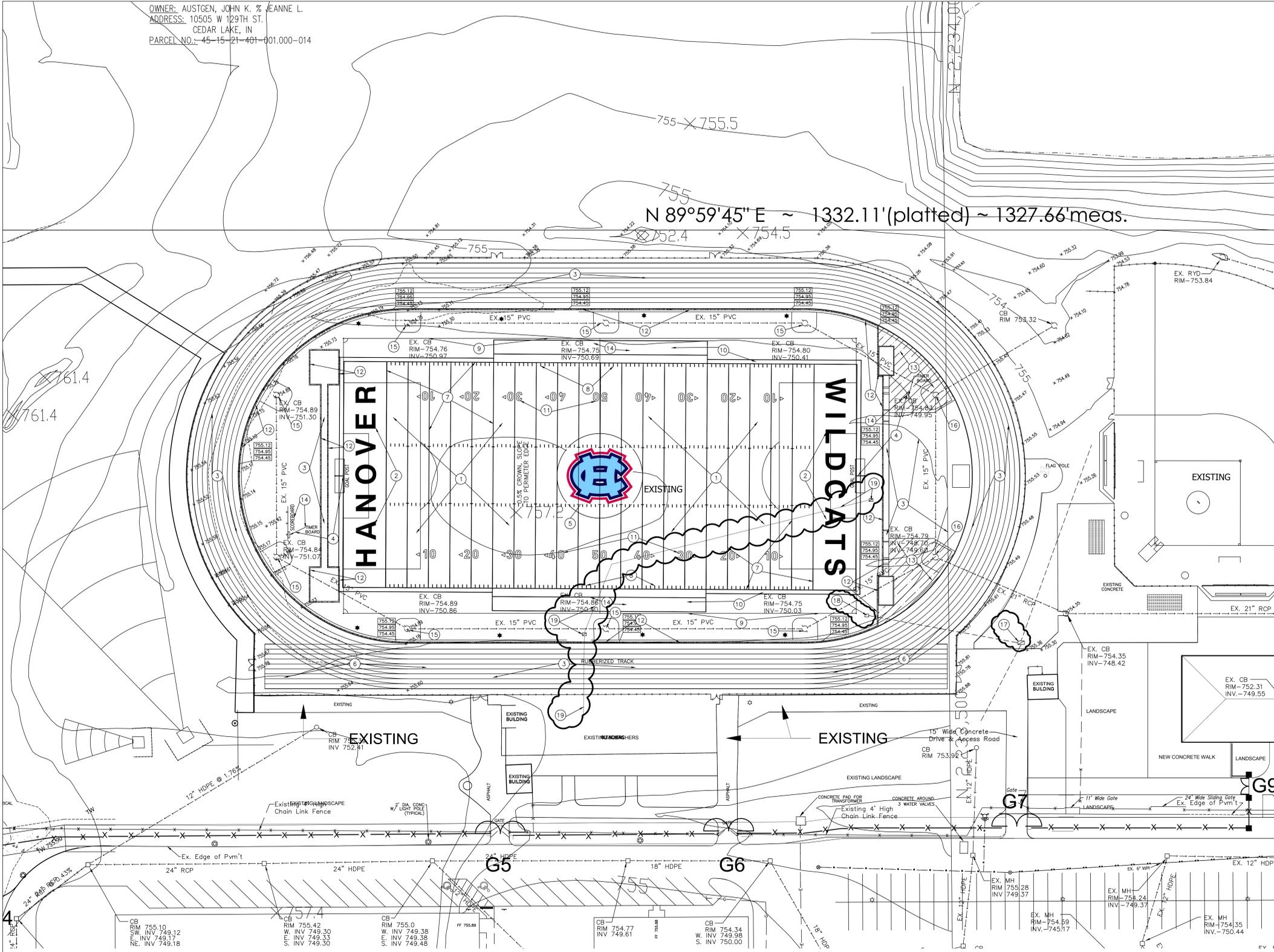
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AD-2	2/11/22	ADDENDUM NO. 2

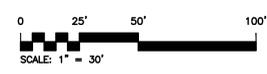
DRAWING  
**FOOTBALL FIELD ARTIFICIAL TURF AND TRACK SITE PLAN**

PROJECT  
 HANOVER CENTRAL HIGH SCHOOL ADDITIONS AND RENOVATIONS

GIBRALTAR DESIGN SHEET  
**C-4.0**



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

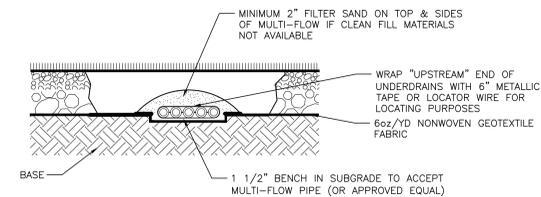


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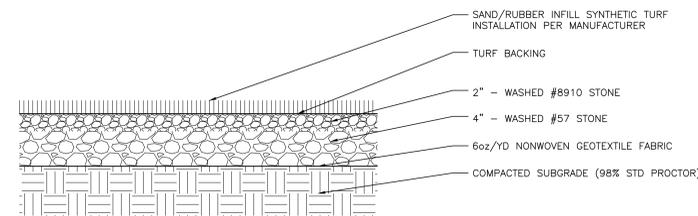


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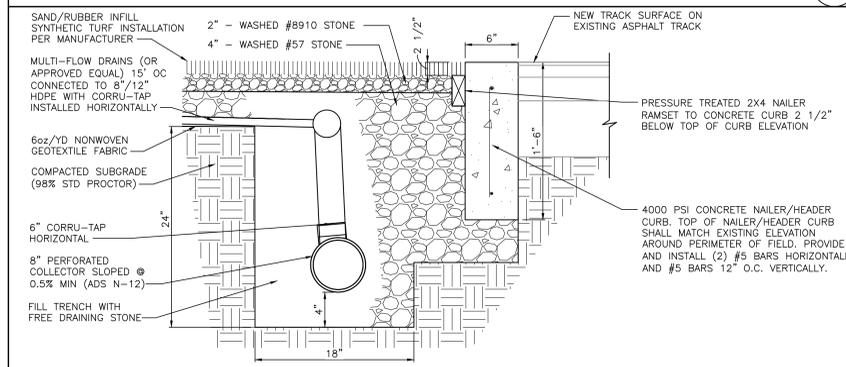
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HANOVER COMMUNITY SCHOOL CORPORATION  
CEDAR LAKE, INDIANA



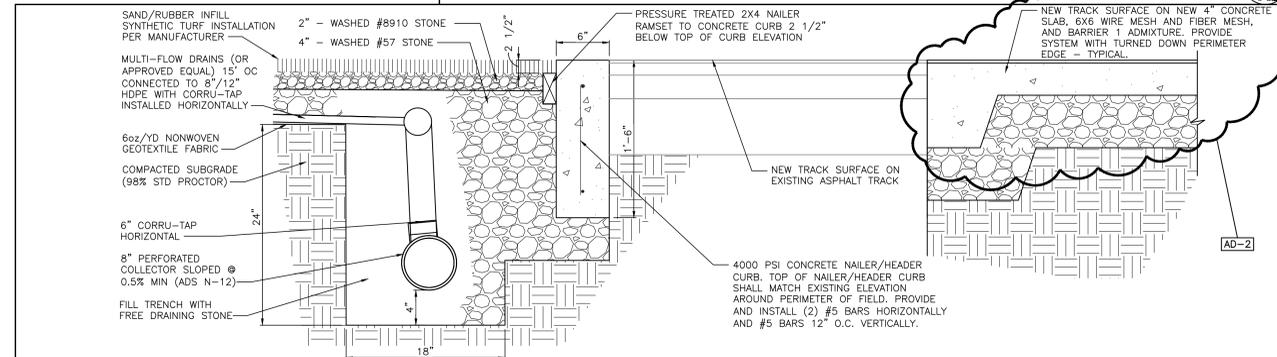
**6" MULTI-FLOW PIPE (OR APPROVED EQUAL) HORIZONTAL INSTALLATION (SYNTHETIC TURF)**  
SCALE: NTS



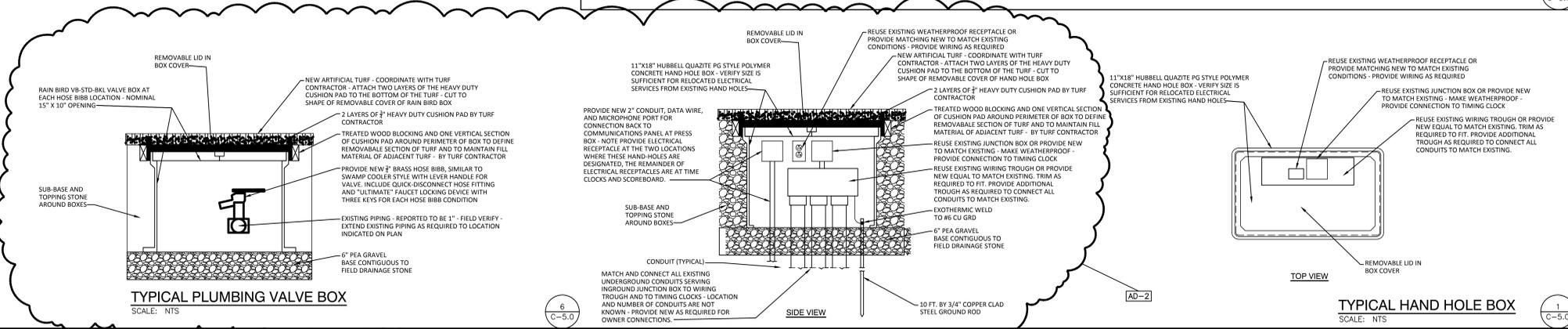
**TYPICAL TURF SECTION**  
SCALE: NTS



**TYPICAL NAILER CURB SECTION AT FOOTBALL PRACTICE FIELD**  
SCALE: NTS



**TYPICAL NAILER CURB SECTION AT TRACK EVENT AND D-ZONE CONDITION**  
SCALE: NTS



**TYPICAL PLUMBING VALVE BOX**  
SCALE: NTS

**TYPICAL HAND HOLE BOX**  
SCALE: NTS

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DRAWN BY: DTB  
CHECKED BY: JPB

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REVISIONS	MARK	DATE	ISSUED FOR
AD-2	2/11/22	ADDENDUM NO. 2	

DRAWING: **FOOTBALL FIELD ARTIFICIAL TURF SITE DETAILS**  
PROJECT: **HANOVER CENTRAL HIGH SCHOOL ADDITIONS AND RENOVATIONS**  
SHEET: **C-5.0**

Friday, 2/11/2022 - 9:47 AM - LAST SAVED BY: JPB  
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