

## ADDENDUM NO. 6

Date: February 9, 2023

**Appalachian State University Track, Tennis & Softball Replacement Project**  
**State ID#18-19654-02B**  
Boone, North Carolina

This addendum herein supplements, modifies, changes, deletes from or adds to the original bidding documents for the project noted above and is herein made a part of the contract documents. Drawings and General Provisions of the Contract, including General and Supplementary Conditions, shall apply to items incorporated in the Addendum.

### Questions from Contractors:

1. Base Bid – Track and Tennis Support Building - Mechanical – Is the mezzanine considered “Concealed or Attic Space/Exposed” as it relates to ductwork Insulation. If it is Concealed the insulation is fall less expensive. If Exposed/Attic Space the grade of insulation will have to be rigid board in lieu of standard roll insulation and the cost is significantly more.

**CHA Design Team response:** Glass fiber blanket insulation shall be acceptable for ductwork located in the Mechanical Mezzanine in lieu of rigid board.

In terms of addendum, the only change would be to spec book:

*Specification 230700 – Mechanical Insulation, section 3.14-B shall be revised to read: “Interior Concealed HVAC Supply, Return/Exhaust, and Outside Air Ducts and Plenums, including ductwork located in Mechanical Mezzanine attic space:”*

*Specification 230700 – Mechanical Insulation, section 3.14-C shall be revised to remove: “including attic ducts”*

2. ALTERNATE #4 Softball Batting Cages – Hitting/Pitching Building Plan A-120 – Finish Schedule identifies Room No 105 the “Tunnels” to have as flooring “Infield Mix”. Is this correct? If so should curb be designed to contain the mix or does the owner want a padded turf? What is the required specification for the floor material in this space. Same Building – where do the tunnels end and open space sealed concrete for Rm 106 begin and end? Or is turf required throughout?

**CHA Design Team response:** The turf located within the batting cage building shall be short pile silt film with root zone support, example of this type product would be Astro turf PGPN or PGPN 5 mm or equal.

3. Retaining Wall as shown on C101 Addendum #1. This wall was a soil nail wall prior to the Addendum. The soil Nail wall was probably the most economical and least invasive method of handling the cliff behind the right field foul pole. On C101 the wall is tagged with a Note that says “Walls (designed by others). This is an appropriate note for walls 2-



12 as shown on C-101 and C-200. On C-201 the long and tall wall shown has a 28" height at the right field foul line/pole. An engineered segmental retaining wall will require approximately 40" of mountainside to be removed to install a geogrid. This creates other issues as there will be rock encountered and possible mud and landslides.. The cost is overly prohibitive along with the risk. To design a concrete foundation and wall to hold back 28' of hill side will require major over excavation and a substantial concrete foundation pour. A cast in place concrete wall is not economically or structurally feasible. Can we bid the project as Nail wall per the original bid documents? Do you have insight or a design utilizing another wall that has been engineered?

**CHA Design Team response:** The retaining wall height has been reduced to approx. 14'. The basis for designed remains as the concrete segmental wall. The design team and university would be in favor of simpler less evasive retaining wall systems which would save the project money. These type walls may include soil nail walls and driven H piles. Any system proposed would be required to have the same warranty and life span as the concrete segmental wall system.

4. The site drawings are spread out over several pages. We saw throughout the bid process variances in what was Base bid vs the alternates. Can you provide a composite overview with a designated breakout of what is to be included in Base Bid vs Alternates?

**CHA Design Team response:** It would be near impossible to write a narrative as proscribed. Our answer would be each alternate is stand alone and are building blocks. Please provide examples where there is confusion and the design team will provided answers.

