

July 8, 2021

TO: Marion County Board of Education

FROM: Michael Neureither, AIA, LEED AP  
RossTarrant Architects, Inc.

RE: Marion County High School Renovation & Addition  
Lebanon, Kentucky  
BG 21-103  
RTA 2046

The following is a listing of proposed alternates or VE items for the Marion County High School Renovation for the consideration of the Board. The costs associated with these items are estimates only.

1. Geothermal System

- a. This is currently not in the base bid pricing for the recent DD Cost Estimate, as it was already planned on being an add-alternate
- b. Geothermal System add: \$810,000.00  
Deduct from base bid: (\$250,000.00)  
**Net add-alternate cost: \$560,000.00**

2. Various Site Areas

- a. The site development has been broken down into 4 areas with corresponding costs. Refer to the attached site plan for corresponding areas.

**Bus Loop: \$355,000**

**Rear Entry and Mech/Service Area: \$635,000**

- i. This only reflects work that can be eliminated with that improvement. There will still be significant work in this area (i.e. grease interceptor, transformer, fluid cooler, etc.)

**Outdoor Art: \$227,000**

**Front Entry: \$675,000**

3. CTE Classroom/Lab Addition

- a. The deletion of the classroom addition and associated renovation work.  
**Cost Estimate of Work: \$998,646.00**

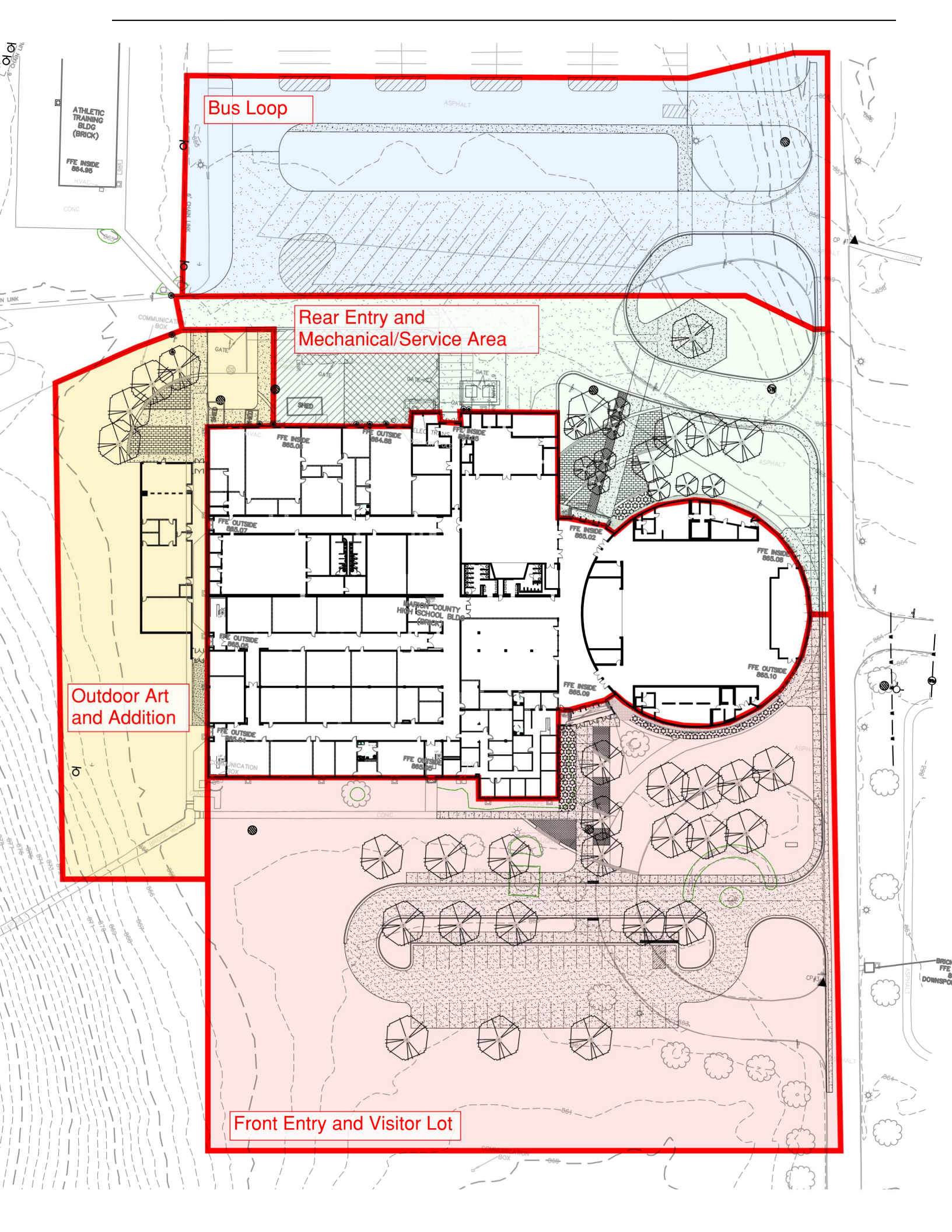
4. Delete Enlarged Classrooms

- a. General classroom sizes are not changed. Work only focuses on mechanical and electrical upgrades and new ceilings.  
**Cost Estimate of Work: \$167,000.00**

5. Delete Demand Control Ventilation and Replace Existing ERV's

- a. The current system planned controls the CO2 level in the school for better indoor air quality. The alternative is no active control of CO2. The machines turn on and supplies a constant volume of air. If CO2 levels rise, there is nothing to combat that. As the outdoor conditions change, so does the indoor air conditions. It is basically what they have today so the project would not improve their IAQ.
- b. The current system in the design cleaned up the appearance of the building. Accepting this VE item, places units very similar to what is in place now back on the roof.  
**Cost Estimate of Work: \$375,000.00**

END OF MEMORANDUM



Bus Loop

Rear Entry and  
Mechanical/Service Area

Outdoor Art  
and Addition

Front Entry and Visitor Lot