

ADDENDUM 3 – January 22, 2019  
Invitation to Bid for AHS Field Answers to Questions

1. **A 2.5" pile height turf product over a pad is highly unusual. Since the g-max will be derived from the pad, a 2" product is highly recommended. You do not need as much infill(since the g-max is being provided from the pad). Therefore, the pile height can be easily reduced to 2"**

*Response: The turf pile height has been reduced to 2", refer to revised specifications.*

2. **The face weight of 36 oz/SY is extremely light. I realize this is a FT spec, but that is way too light, even for a 2" product.**

*Response: The turf face weight has been increased to 40 oz./sq. yd., refer to revised specifications.*

3. **Infill: in one section, it states that the minimum infill weight is 7 lbs/SF and in another section it states that the minimum infill weight shall be 5 lbs/SF**

*Response: Final infill will be finalized once contract has been awarded.*

4. **Installing the infill in layers..sand at the bottom and rubber on top is a FT patent. Installing the infill in lifts is the preferred method and would not violate the FT patent**

*Response: Final infill will be finalized once contract has been awarded.*

5. **The turf specifications lists a tuft gauge of 3/4". Would a tuft gauge of 1/2" be acceptable?**

*Response: Final tuft gauge will be finalized once contract has been awarded.*

6. **Specification calls for a 2-1/2" pile height and also calls for the use of a pad under the turf which is a must as far as we are concerned. New ASTM standards call for using the HIC (head injury criteria – similar to what playgrounds use) to measure field safety and this can only be met by use of a quality pad. However, when using a pad, the turf pile height is almost always lowered. A 2" turf pile is most common though some facilities lower to 1.75" if they know they are using a good pad. The taller turf system will add too much to the cost and from a surface performance standpoint it is often too much material to work with over the pad that can overly soften the field. If you are not using a pad, I would recommend the 2-1/2" pile height as specified but is overkill when added with a pad.**

*Response: The turf pile height has been reduced to 2", refer to revised specifications.*

7. **With the 2" turf, I would also recommend a 1/2" fiber reveal (so 1-1/2" of infill total) and more sand than rubber. We like to see about 60% sand by weight but could work with a 50/50 mixture of sand/rubber but the higher sand content creates a better performing system and the pad handles the shock absorption.**

*Response: Final infill will be finalized once contract has been awarded.*

- 8. Specification calls for a 14mm pad approved by the turf company and owner. I would highly recommend adding more information and detail such as the type of pad material you want as there is a wide range of materials, warranties, and performance in the pad market and you want to be sure only the higher quality products are included. The turf spec also lists a number of performance criteria and the same should hold true for the pad. I have attached a word doc of a specification that may serve as a reference. There may be a few items in there that may want to be included. The warranty is an item that I would highly recommend adding. The type of material used is a big difference in the pads available and should be identified in the spec.**

*Response: Additional information regarding the shock pad has been included, refer to revised specifications.*

- 9. The face weight is too low and should be around 40**

*Response: The turf face weight has been increased to 40 oz./sq. yd., refer to revised specifications.*

- 10. Specifications for ball netting**

*Response: Specifications for ball netting can be found in the drawing set, refer to Ball Netting information on sheet 4, entitled "Details".*

**This concludes all of the Invitation to Bid questions.**