

## MEMORANDUM

Date: September 19<sup>th</sup> 2017

To: Scott Cavellier Homer CSD

From: Luke Grasmeyer LA, Hunt

Re: Turf Improvements

### Turf Improvements

Based on our previous BCS and meeting on site to review the current turf field. The following are my observations and recommendations.

**Turf:** \$ 400,000(+\$75-80k for pad)

The current field is at its end of useful life. The turf industry standard is 10-12 years warranted. SED will aid replacement on a 15 year cycle. If turf is replaced prior to that they will prorate the aid. Chenango Contractors installed the Fieldturf product originally in 2005. The fiber was a slit filament product. The storm drainage and stone base are reportedly functioning well but the turf fibers, backing, and infill are worn. There is currently no pad installed under turf. There are many options for turf fields that could be further discussed.

#### *Color, striping, center logo*

Color variations and line striping doesn't add significant costs to the overall project. Center logos can vary in cost based on the size and detail. Common range would be \$12,000 to \$30,000. The blue colored endzones with "spartan" text and the center logo of "H" has been suggested. Renderings can be made to represent color schemes and options.

#### *Fiber and backing*

There are essentially two types of fiber. Monofilament (single strand) and slit filament (wide strand that splits). Of course, there is also the option for mixing the two. There are some manufactures selling different styles of monofilaments. Slit filament is known as a tried and true product since it has been produced the longest in the industry and costs the least. Monofilament provides more grass like look and ball roll that is more similar to natural grass for lacrosse and soccer. Field hockey tends to prefer the slit filament or a hybrid. Since field hockey will be using the field it may be preferable to have a hybrid of monofilament and slit filament. We have standard specifications for the backing of the turf carpet related to permeability and weight.

#### *Infill*

Our standard is minimum is 6 lbs per square foot of sand and rubber (50/50). When used without a pad, typically the infill increased to 9 lbs per square ft. There are many infill products like cork but none are commonly used in our climate.

