

Piedmont Unified School District – Havens Playfield Supplementary Information
Board Meeting of November 17, 2009

	Synthetic Turf: Crumb Rubber Infill (Sportexe + FieldTurf)	Synthetic Turf: Plastic Infill (Mondo)	Synthetic Turf: Encapsulated Sand Infill/Other (Flexsand + Fieldturf)	Synthetic Turf: Coconut Husk & Cork Infill (Geosafe Play)	Grass: (Bermuda varietal)
Expected Water Usage per Year?	Minimal. Sportexe says fields can be “cooled” in hot weather but that a full-size football field “may evaporate up to 1200 gallons/hr.” No information from FieldTurf	Minimal.	Minimal.	Minimal. Manufacturer recommends periodic moistening.	Comparisons to Witter Softball Field use up to 1 million gallons per year.
Does maintenance involve use of herbicides, pesticides, fertilizer or anti-bacterial agents?	No.	No.	No.	Use of chemical agents or anti-bacterial agents is not mandatory but will not harm the system if used.	Natural grass at Witter Field complex does not involve spraying herbicides or pesticides. Most weeding is done by hand. Fertilizer is used. No bacterial agents used.

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Cost of Installation (materials, preparation, irrigation, necessary drainage, etc.)	<p>Cost = \$197,500 - \$203,750</p> <p>Includes \$100k for surface prep</p> <p>Both vendors have Statewide pricing contracts that are approximately \$4.00/sq.ft</p> <p>FieldTurf says it can't install over the current specified drain mat, and must use a rock base or Brock synthetic base system. It recommends existing CMAS purchase contract for pricing.</p> <p>Sportexe does not produce a proprietary infill product substitute for crumb rubber; they project additional costs of up to \$1.50/sq.ft for infill produced by other vendors.</p>	<p>Cost = \$262,500</p> <p>Includes \$100k for surface prep</p> <p>\$6.50/ sq.ft for turf</p>	<p>Cost = \$37,500 + turf</p> <p>Flexsand is an infill provider only.</p> <p>FieldTurf will only place its alternative infill products in some of its product lines. Extra cost could be up to \$1.50/sq. ft.</p> <p>EcoGreen is FieldTurf's alternative infill. It is "cryogenic rubber" that is colored and coated with Microban to address MRSA.</p> <p>Flexsand not available for FieldTurf use.</p>	<p>Cost = \$225,000</p> <p>Includes \$100k for surface prep.</p> <p>\$8-\$10/sq. ft for the turf, including sub surface work if GeoSafe self-performs</p> <p>\$5/sq. ft for turf only</p>	<p>Cost = \$415,000</p> <p>Dispose soil = \$79k</p> <p>New Topsoil = \$50k</p> <p>H₂O meter = \$198k</p> <p>Design = \$60k</p> <p>New sod = \$9k</p> <p>Irrigation = \$19k</p>