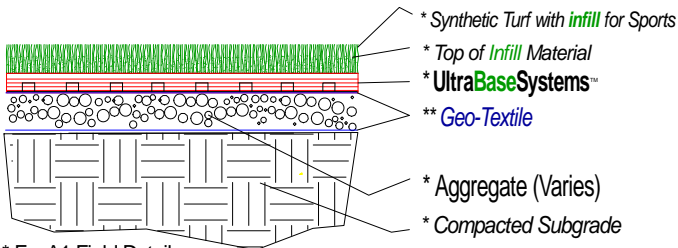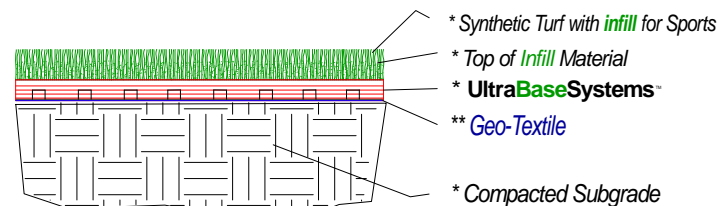# Synthetic Turf Field Layout Details over UltraBaseSystems™
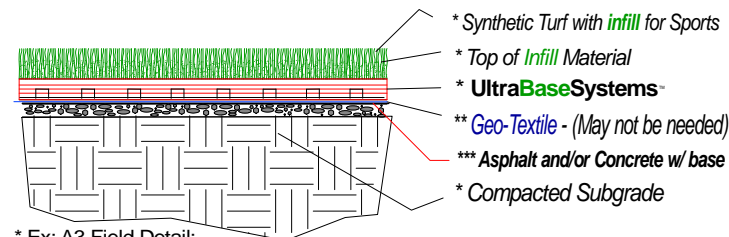
Section 1A: Synthetic Turf with Resilient Infill

* Synthetic Turf with **infill** for Sports
* Top of Infill Material
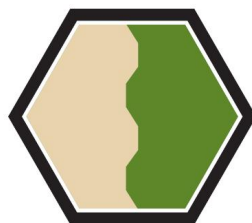* **UltraBaseSystems**™
** Geo-Textile

* Aggregate (Varies)
* Compacted Subgrade

* Ex: A1 Field Detail:
  (Double applications of GeoTextile with varying depths of clean, compacted aggregates)

* Synthetic Turf with **infill** for Sports
* Top of Infill Material
* **UltraBaseSystems**™
** Geo-Textile

* Compacted Subgrade

* Ex: A2 Field Detail:
  (Single application of GeoTextile installed directly under UltaBaseSystems™ yet directly over compacted subgrade)

* Synthetic Turf with **infill** for Sports
* Top of Infill Material
* **UltraBaseSystems**™
** Geo-Textile - (May not be needed)
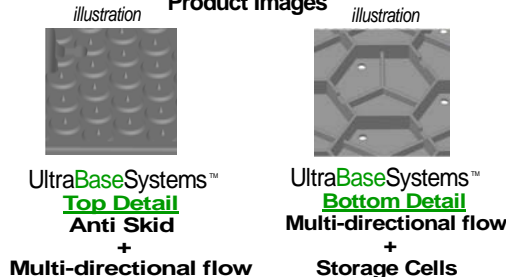*** **Asphalt and/or Concrete w/ base**
* Compacted Subgrade

* Ex: A3 Field Detail:
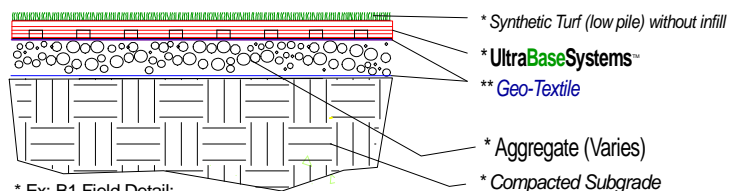 (Single application of GeoTextile installed directly under UltaBaseSystems™ yet directly over concrete or asphalt)
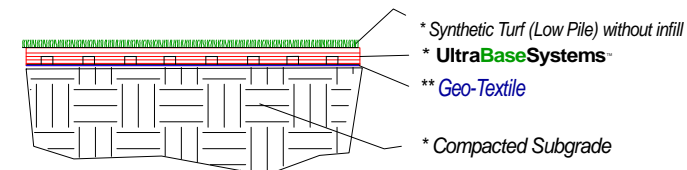
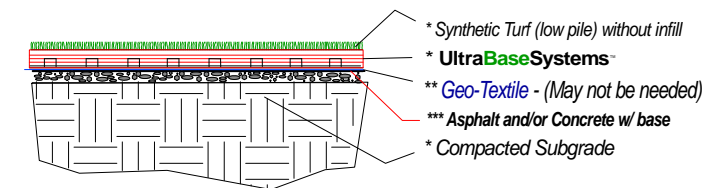## UltraBaseSystems™

UltraBaseSystems™ Product Images

illustration

illustration

UltraBaseSystems™
Top Detail
Anti Skid
+
Multi-directional flow

UltraBaseSystems™
Bottom Detail
Multi-directional flow
+
Storage Cells

Section 2B: Low Pile Synthetic Turf without infill

* Synthetic Turf (low pile) without infill
* **UltraBaseSystems**™
** Geo-Textile

* Aggregate (Varies)
* Compacted Subgrade

* Ex: B1 Field Detail:
  (Double applications of GeoTextile with varying depths of clean, compacted aggregates)

* Synthetic Turf (Low Pile) without infill
* **UltraBaseSystems**™
** Geo-Textile

* Compacted Subgrade

* Ex: B2 Field Detail:
  (Single application of GeoTextile installed directly under UltraBaseSystems™ yet directly over compacted subgrade)

* Synthetic Turf (low pile) without infill
* **UltraBaseSystems**™
** Geo-Textile - (May not be needed)
*** **Asphalt and/or Concrete w/ base**
* Compacted Subgrade

* Ex: B3 Field Detail:
  (Single application of GeoTextile installed directly under UltraBaseSystems™ yet directly over concrete or asphalt)

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All details and drawings within are intended for conceptual purposes only and are not to scale.

General Detail Notes

* Note #1: (One application of **[Woven]** GeoTextile over compacted sub grade **[For soil stabilization]** and double applications with the use of **[any]** aggregates placed directly underneath UltraBaseSystems™)
* Note #2: (Refer to the on site conditions along with a sub-base geotechnical report by licensed professionals when considering a permeable or non permeable Geotextile)
** Note #3: (GeoTextile may vary in type with the use of double applications)
** Note #4: (Permeable GeoTextile applications will require a min 50 gal/hr porosity along with a min 5 oz Spun Bond PP fabric)
*** Note #5: (Leveling compounds and/or finish stone may be required to correct any minor planarity imperfections of the compacted subgrade, aggregate, concrete or asphalt base)

UltraBaseSystems™ Field Detail

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PROJECT NO:	DRAWN BY:	SHEET NO:
#11-0617	Charles Doherty	1