



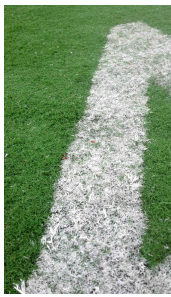
LEADING
DESIGN AND DEVELOPMENT, LLC

RYAN TEETER, PE, LEED® AP

Gmax Test and Field Inspection Worksheet

Project Name	Weymouth High School - Synthetic Turf Stadium Field
Contact Info	Weymouth Public Schools Phone - 781-335-1460 x20321
Project Address	One Wildcat Way, Weymouth, MA 02190
Date & Time	12/6/13 @ 7:30 am
Weather	Overcast 52 deg F
Site Activity	No activity during inspection

Contact Discussions	Field Uses - Football, Soccer, LAX, Field Hockey Frequency of Use - Daily Maintenance Schedule - Info Not Available Input or Feedback - Fibers show degradation. Field Due for Replacement Action Items - Replace pen kick inlays. Add infill to all pen kicks, center field, all corner kicks and in front of soccer goals. Repair several inlays and seams observed across entire field. Excess repairs and fiber wear observed therefore it may not be cost effective to make repairs since field is ready for replacement. Remove debris.
Turf Condition - Standing, Starting to lay over, Laying over, excess fiber wear, inlays	Soccer Goal area - Fibers frayed and not allowing proper infill depth, Penalty kick - Replace both penalty kick inlays and adjacent turf LAX Goal Area - Recently replaced turf at goal circle Center Field - Center Field Dot shows wear, replace dot Sidelines - Turf at sidelines is compacted with low infill General areas - All non high use areas show wear at the colored turf areas Inlays - Replace penalty kick & center field inlay & several other small inlays
Infill Condition - Depth and Compaction level	Goal area - low infill, fibers worn and may not accept new infill due to worn fibers Penalty kick - compacted and lower infill depths, worn turf LAX Goal Area - Recently replaced turf and infill at goal circle Center Field - Low infill depth, needs infill once inlay is replaced Corner Kicks - all corner kick locations need infill Sidelines - Compacted General areas - All non high use areas have reduced infill levels
Access areas	One main access most commonly used. Adjacent trees leaving debris on the surface causing contamination & compaction of the turf at the entrance and sidelines
Field Planarity	Some localized settlement areas observed which can be addressed in future at the time of field replacement.
Field Accessibility	Fenced and Gated
Adjacent areas	Adjacent areas are properly stabilized with track surrounding turf area.
Equipment on Field	Fixed football goals
Maintenance and Overall Recommendations	Groom the surface prior to adding infill at goals and up the center of the field. Infill required to be added in several locations to achieve proper levels at the goals and center field areas. Fibers show wear and are not able to hold proper levels of infill in place at high use areas. Sidelines and Goal areas are compacted which will require more attention. We recommend replacing the entire system due to the condition and repairability. Inlays show signs of excess wear and degradation causing uneven surfaces which should be addressed by replacing colored turf and inlays. Excess shedding observed indicating the turf has experienced its useful life and it may be more cost effective to replace the entire system rather than investing the money in to temporary repairs.



Worn Fiber



Uneven transition at worn colored fibers
Shedding of white, yellow and green fibers throughout



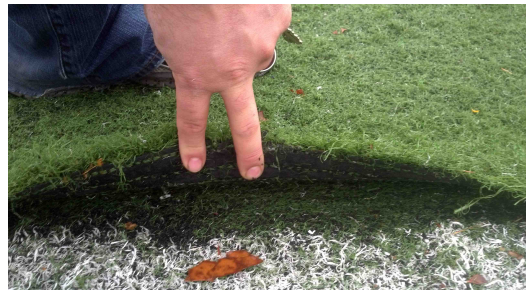
Stadium Turf



Excessively Worn Fibers with Shedding



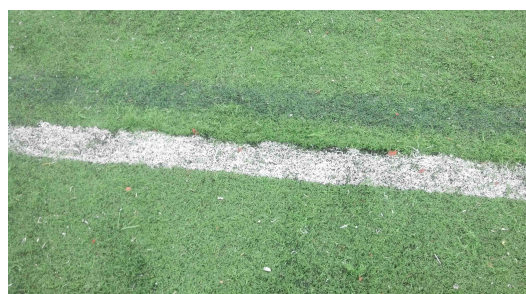
Previous Partial Turf Replacement



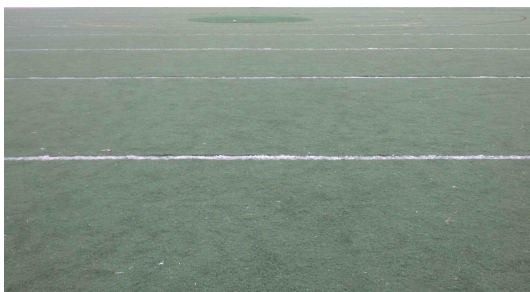
Seam Issue with Shedding



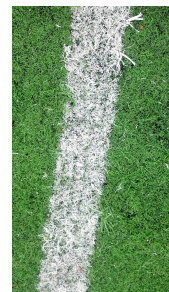
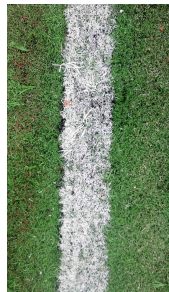
Seam Issue with Shedding



Seam Issue with uneven surface



Seam Issues at numerous seams



Uneven surfaces with excessive wear and seam issues