

# Mount Vernon Nature Park Quarry Ridge Frisbee Golf Course

## Golf Tee Pad Improvement Project

Tristan Rud

Mount Vernon Troop 40

Eagle Scout Project



# Tee Pad Design Options

What is a Tee Pad for Frisbee Golf?

- The tee pad is where a player begins the hole.
- A solid base is a must for any successful course, and where early courses had plain dirt pads, modern courses use concrete, or more cost effective materials such as mulch, decomposed granite, or other natural materials.
- In recent years recycled rubber mats have been developed and are starting to catch on.
- Options discussed with Parks and Rec Director Matt Siders
- In keeping with Nature Park - did not want to use permanent tee boxes like concrete but more natural materials





# Tee Box Design Options Investigated / Considered

## Natural Tee Box Designs



## Concrete Pads



# Tee Box Design Options Investigated / Considered

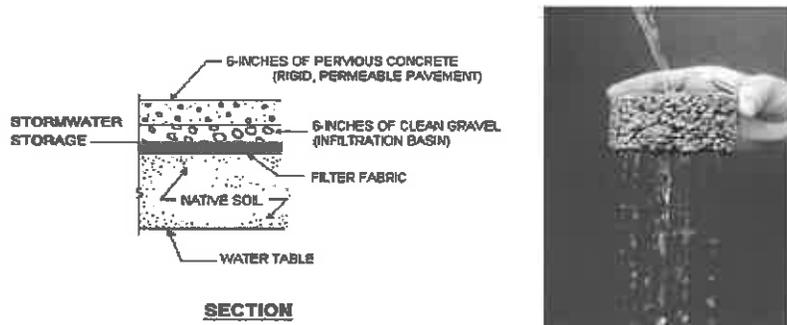
Compacted Limestone



Timbers and Rubber Pads



Pervious Concrete Material



Porous Rubber Fly Pads on Asphalt





# Tee Pad Design Options

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- Options discussed with Parks and Rec Director Matt Siders
- In keeping with Nature Park - did not want to use permanent tee boxes like concrete but more natural materials
- Presented ideas to Parks and Rec Board



# Recommendation and Request

- In keeping with Nature Park - did not want to use permanent tee boxes like concrete but more natural materials that are low maintenance
- Presented ideas to Parks and Rec Board in May 2014
- Parks and Rec Board unanimously approved project recommendation
- Matt Siders discussed with City Administrator and determined that this should be approved by Council as not budgeted item
- Funding for materials to complete the Quarry Ridge Frisbee golf course improvements
  - Estimated costs not to exceed \$1,000



# Tee Pad Improvement Ideas

- Build Tee Pads using natural materials in keeping with Nature Park
- Tee pad would be 4 sided
- Inside Dimensions: 5 ft wide x 10 ft long if space permits
  - A few holes will need to be shorter
- Build out of treated 4" x 6" landscape timber
- All tee locations require some ground leveling
- Corners will be bolted together with long lag bolts
- Timbers will be staked down in several spots landscape spikes or rebar to hold in place
- Inside of tee box filled with either:
  - Compacted Soil with top layer of mulch
  - Compacted crushed limestone type material (preferred by P&R board)
- Target Project Date: Late Aug/Early Sept 2014
- All project labor will be provided by Scouts, Leaders and Parents of Mount Vernon Troop 40

# Other Course Improvement Ideas

- Laminated posted sign showing layout of Quarry Ridge Golf Course
- Options for improved course map
- Sturdy container @ hole #1 for course maps / and scorecards
- Directional arrows or signage directing to next hole
- Clear out deadfall sticks and branches
- Removal of large dead fallen tree – TBD
- Add wood chips to paths and baskets as needed
- General Nature Park / course clean up

# Funding Requested from P&R

<b>Cost Estimates per Hole</b>		4 x 6 material
Treated Landscape 4 x 6 Timbers (2) 10' and (2) 6 ft		\$ 67
24 inch rebar		\$ 15
1/2 inch x 8 inch lag bolts		\$ 11
	<b>Per Tee Box SubTotal</b>	<b>\$ 93</b>
	<b>Total (9) holes (materials)</b>	<b>\$ 837</b>
<b>Load Crushed Limestone estimated</b>		<b>\$ 75</b>
<b>Miscellaneous Budget / Improvements</b>		<b>\$ 75</b>
	<b>Funding Request from Parks and Rec</b>	<b>\$ 987</b>