

Aqua Turf International, Inc.

Value Engineering Options

Reduce Sprinkler Quantity (*Listed first to cut to last to cut*)

1. Reduce Coverage Area
2. Eliminate Some Perimeter Part Circles (*Stub Out Wire, Add at a Later Date*)
3. Replace Triangular Spacing with Rectangular (*If Applicable*)
4. Increase Spacing (*Regional/ Within SC Limits and Irrigation Reliance Dependent*)

Pair Sprinklers vs. Individual Control (*In areas more out of play first*)

Increase Irrigation Water Window Time

- Reduces Pump Flow Rate
- Reduces Mainline Size

Substitute Direct Burial for Tray Cable Power Wire (*Satellite System*)

220V Power vs 120V Power to Reduce Wire Size (*Satellite System*)

Substitute Thrust Blocks for Joint Restraints (*PVC Pipe*)

4" and Above

Solvent Weld versus Gasketed Laterals (*PVC Pipe*)

Substitute Tape for Lavender Pipe (*PVC Pipe*)

Eliminate Additional Equipment

Eliminate Weather Station

Eliminate Yardage Markers

Eliminate Tracer Wire

Eliminate Spare Wires (*Satellite System*)

Eliminate Triple Top Swing Joints

Reduce Drain Valves

Eliminate Hand Held Operator

Eliminate Filtration

NOTE: It is best to have fully considered these options prior to design to avoid any possible re-design fees and to expedite the design and bidding process. Please refer to the ATI Irrigation Design Checklist and Golf Irrigation Budget Planning Matrix Guide for further assistance in assessing your irrigation needs and budget prior to commissioning the design.

"International Irrigation Solutions"

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