DESIGN SUSTAINABILITY REVIEW CHECKLIST
Mandatory Sustainability and Constructability Review at 60% design

INITIAL SITE INVENTORY

☐ Rock/Gravel source
  ☐ Are soil borings necessary/beneficial?
☐ Wetland peat layer
  ☐ Beneficial to plot profile?
☐ Wetland sod/upland sod sources – quantify
☐ Sod grow areas – quantify
☐ Live stake source – quantify
☐ Root wads/logs – quantify
☐ Inventory summary spreadsheet completed

DESIGN CONSIDERATIONS

☐ Utilize inventory spreadsheet to maximize use of on-site materials
☐ Vegetation/wood vs. Rock
  ☐ Maximize use of vegetation/wood and keep submerged
  ☐ If using Rock, justify
☐ Are there opportunities to recycle/reuse materials?
☐ Sun vs. shade, aspect – consider for bioengineering plan
☐ Furnished materials available locally
☐ Reduce Transport Costs
  ☐ Haul Off Reduced by using on-site materials and spoils areas
  ☐ Haul On Reduced by balancing cut/fill

CONSTRUCTABILITY CONSIDERATIONS

☐ Stockpiles
  ☐ Short Dirt - Are locations of spoils areas adequate
  ☐ Is the stockpile area large enough for construction needs
☐ Is the LOD adequate for efficient construction
☐ Does the design allow for creativity/flexibility during construction
☐ Reviewed by Director of Construction at 60% design

FOR PLANS

☐ Description of project in 20 years – function, appearance, sediment transport condition (aggrading/degrading)
☐ Materials list with salvaged and furnished materials
☐ Local sources of material identified on plans with contact information

GOING THE EXTRA MILE

☐ Carbon Footprint calculated using Ecotone methodology

Checklist completed by: _______________________________ Date: __________________