

## Hendersonville Plan Review Checklist

EPSC Plans	Y/N	Comments
1. Initial E & S Control Measures on Separate Sheet with existing contours/structures		
2. Intermediate E & S Control Plan sheet		
3. Final E & S Control Plan Sheet		
4. Contours on all plan sheets shall be provided 200' passed the property/phase line		
5. Plans designed by Professional Engineer licensed in State of Tennessee with Level 2 Certification		
<ul style="list-style-type: none"> <li>• Unless approved by the City Design Engineer</li> </ul>		
6. Hydraulic plan and profile of site		
7. Predevelopment drainage area map		
8. Post development drainage area map		
9. Flood plain boundaries/floodway indicated on plans		
10. Tree protection indicated with detail		
11. Limits of Disturbance		
<ul style="list-style-type: none"> <li>• Indicate LOD with orange barrier fencing</li> </ul>		
12. SWPPP Included in Plans submission		
<ul style="list-style-type: none"> <li>• Location</li> <li>• Detail with all required documents</li> </ul>		
13. Construction Exit Location & Detail		
<ul style="list-style-type: none"> <li>• 100' Min. Length (additional if required)</li> <li>• 20' Min. Width and Radius</li> <li>• Filter Fabric</li> <li>• 2"-4" washed stone</li> <li>• 8" thick</li> <li>• Temporary culvert if necessary</li> <li>• Tire wash required (if applicable)</li> </ul>		
14. Employee parking area (if applicable)		
<ul style="list-style-type: none"> <li>• Filter fabric</li> <li>• 8" depth</li> </ul>		

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<ul style="list-style-type: none"> <li>• 2"-3" washed stone (Roger's Group or equivalent)</li> </ul>		
<ul style="list-style-type: none"> <li>• Trash receptacle(s)- Required for garbage generated by workers</li> </ul>		
15. Silt fence parallel to contours with J-hooks		
<ul style="list-style-type: none"> <li>• Parallel to contours with J-hooks</li> </ul>		
<ul style="list-style-type: none"> <li>• Silt fence overloaded? (100ft to .25 acre)</li> </ul>		
<ul style="list-style-type: none"> <li>• Minimum #70 sieve for all sites (documentation to be provided by contractor)</li> </ul>		
<ul style="list-style-type: none"> <li>• Wire backing with minimum #100 sieve for all water quality buffers (documentation provided by contractor)</li> </ul>		
<ul style="list-style-type: none"> <li>• Proper application</li> </ul>		
16. Check Dams		
<ul style="list-style-type: none"> <li>• Correct # for channel</li> </ul>		
<ul style="list-style-type: none"> <li>• Proper application</li> </ul>		
17. Water Quality Buffers		
<ul style="list-style-type: none"> <li>• Orange buffer fencing with signs (provide detail)</li> </ul>		
<ul style="list-style-type: none"> <li>• TDEC buffer requirements met</li> </ul>		
<ul style="list-style-type: none"> <li>• All buffers will be surveyed and marked by a certified surveyor- documentation required</li> </ul>		
18. E & S Measures Designed to 5-Year for Impaired/Exceptional Waters		
19. All E & S Measures designed to 2-year/24 hour design storm where applicable		
20. Sediment Basin / Sediment Traps (Provide calculations)		
<ul style="list-style-type: none"> <li>• Verify 67 cy/acre for both dry/wet storage</li> </ul>		
<ul style="list-style-type: none"> <li>• 4:1 length to width ratio</li> </ul>		
<ul style="list-style-type: none"> <li>• Calculations for storage/wet/dry</li> </ul>		
<ul style="list-style-type: none"> <li>• Routing calculations for all</li> </ul>		

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<ul style="list-style-type: none"> <li>• Civil details of outlet structure (raised outlet, forebay, dewatering device)</li> </ul>		
<ul style="list-style-type: none"> <li>• Forebay required (25% of dry storage volume)</li> </ul>		
<ul style="list-style-type: none"> <li>• Stabilization of slopes within 7 days of completed installation</li> </ul>		
<ul style="list-style-type: none"> <li>• Emergency spillway sized for minimum 25-year, 24 hour storm event</li> </ul>		
<ul style="list-style-type: none"> <li>• Detention routing for long-term mass grading sites</li> </ul>		
21. Grading for ST/SB		
<ul style="list-style-type: none"> <li>• Additional E &amp; S Measures needed for installation before LDP issued</li> </ul>		
22. Inlet Protection Requirements (Flexstorm or equivalent)		
<ul style="list-style-type: none"> <li>• Below grade</li> </ul>		
<ul style="list-style-type: none"> <li>• Rigid metal frame</li> </ul>		
<ul style="list-style-type: none"> <li>• Overflow bypass</li> </ul>		
23. Dewatering		
<ul style="list-style-type: none"> <li>• Detail E &amp; S Measures to be implemented</li> </ul>		
24. Final Stabilization Measures for All Disturbed Area (Seed/straw ok)		
<ul style="list-style-type: none"> <li>• Erosion Control Matting for slopes 3:1 or greater.</li> </ul>		
<ul style="list-style-type: none"> <li>• Steep slopes to be stabilized within 7 days of final grading (If applicable)</li> </ul>		
25. Soil stock pile		
<ul style="list-style-type: none"> <li>• Location and E &amp; S Measures to be installed</li> </ul>		
26. Concrete Washout Location(s)		
<ul style="list-style-type: none"> <li>• Minimum of 50' away from storm drains, open ditches, and waterbodies</li> </ul>		
<ul style="list-style-type: none"> <li>• Multiple washout locations for large sites (where applicable)</li> </ul>		
27. Pollution Prevention Measures		

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<ul style="list-style-type: none"> <li>• Trash receptacle(s) for construction site debris and trash (detail)</li> </ul>		
<ul style="list-style-type: none"> <li>• Parking pad for dumpster(s) where applicable (Filter fabric, 2"-3" stone)</li> </ul>		
<ul style="list-style-type: none"> <li>• Covered chemical storage area (Inventory to be kept on-site)</li> </ul>		
28. All applicable EPSC details TDEC Erosion & Sediment Control Handbook provided details		
29. Self-Inspections		
<ul style="list-style-type: none"> <li>• To be completed by certified Level 1 CЕСP</li> </ul>		
<ul style="list-style-type: none"> <li>• Every 72 hours or after each rain event</li> </ul>		
<ul style="list-style-type: none"> <li>• Reports must be signed by Inspector and</li> </ul>		