Construction Drawings Checklist		
Project Name/Date:		
	Y/N/NA	Comments
Title Page		
Location Map with North Arrow		
Professional Engineer's and Surveyor's Stamp and/or Signature		
Name and Address of Engineer and/or Surveyor		
Name and Address of Developer(s)		
Preiminary Plan approval date		
Name of Development		
Master Plan		
Section in question clearly Indentified		
Sequential Lot Numbers		
Ditch stabiliziation		
Stormwater/ Common Lots on Numbered Lot with 50' road frontage		
EPSC Measures		
SWPPP Board		
Sediment Traps/Basins for outfalls receiving >10ac. Of drainage for fully supporting streams		
Sediment Traps/Basins for outfalls receiving >5ac. Of drainage or streams not fully supporting		
Less than 50 acres is Disturbed		
Stream Buffers identified as 30' or 60' for <1 sq mile and >1 sq mile per TDEC GCP and RC Buffer Policy		
Stream buffer signs if applicable based on prelimanary approval date		
Wetland Buffers 30' identified		
TDEC Temp Construction Buffers 15'/30' fully supporting or 30'/60' not supporting		
Concrete Washout Labeled on Site/Dumpsters if needed		
Check Dams		
Stockpile wrapped with silt fence and stabilized		
Existing buildings on the property.		
Inlet Protection		
Temporary EPSC during construction shown on a separate sheet.		
Construction Exit		
Outfalls and drainage to those outfalls clearly defined		
Disturbed area clearly defined		
EPSC Phasing Sheets based on size of project per TDEC GCP		

	Y/N/NA	Comments
SWPPP turned into office at precon - availabe on TDEC data viewer		
General		
north arrow		
table of contents- correct numbering		
scale correct on all pages		
Typos		
Referencing other sections/ subdivisions		
Match Lines		
Stamped- including all reports and calculations		
Notes: As- Built		
Notes: Compaction		
Drainage		
Final stabilization measures proposed for all disturbed areas on the property. Areas with slopes 2:1 or greater shall be stabilized with rip rap, sod or by other methods approved by the County Engineer. Show stabilization for each ditch.		
Flood plain: existing and proposed flood plain and floodway boundaries,MPE and MFE for buildings in the flood plain. Correct Map # and BFE labeled		
grades and elevations of all pipes and structures		
Drainage arrows		
The location and size of at least two (2) drainage structures		
At least one benchmark located, with the proper elevation indicated for each subdivision.		
All fill areas indicated as such, with the limits and elevations indicated.		
Any high water or flood lines, either calculated or observed and the source of said line or elevation indicated.		
Ditches: slope, length, and channel design with spot shots		
Detention pond control structure details. All Detention/Retention Areas require an emergency overflow, unless approved by the County Engineer.		
Hydrologic and hydraulic calculations for appropriate design conditions and facilities.		
Existing and proposed drainage structures, including inlets, catch basins, junction boxes, driveway pipes, culverts, cross drains, headwalls, and outlet facilities, with size, type,slope (top and sides), invert elevations, box culverts, bridges, outlet facilities and quantity indicated.		

	Y/N/NA	Comments
Existing buildings on the property.		
Location of proposed basins showing direction of flow, taking into account offsite runoff being routed through or around the project.		
Any existing or proposed easements.		
Preliminary Plan		
location of all traffic signs, warning signs, and regulation signs as required.		
Roads		
Plan and profile sheets signed and sealed by a registered engineer		
Do stub roads need temporary turnarounds?		
Centerline finished grade elevations every 100' (one hundred feet), or cut sheets, to the nearest hundredth of a foot, at the bottom of the profile sheet.		
For all grades and vertical curves design curves including K Vaues, refer to Appendix B Tables B and D		
All vertical control points on or pertaining to the proposed centerline profile such as P.V.C., P.V.I., and P.V.T.; all low points and street intersections as to station and elevation.		
Profile section plotted to the same scale as identified above and including the proposed centerline finish grade profile, in addition to the existing centerline profile with roadside ditch profiles.		
Show the stabilization required for the roadside ditches, including the linear extent and type of stabilization required.		
Typical roadway sections, as appropriate.		
Plan section including the street and right-of-way plotted to the proper scale with stationing shown, and matching that of the profile section as nearly as possible.		
Does the Cul-De-Sac Drain min % fall 1.00%		
Detail plans plotted on plan and profile sheets to a minimum scale of 1" (one inch) = 100' (one hundred feet) horizontal, and 1" (one inch) = 10' (ten feet) vertical.		
Is Cul-De-Sac Correct Width		
Details Sheet		
Typical of Stop Signs/ Street Sign		
Erosion Control Structures: Silt Fence, Inlet Protection, Erosion Matting, Erosion Eel, Construction Exit, Concrete Washout, Rock Filter,etc.		

	Y/N/NA	Comments
Cross Drain Details: Single or Double Inlets, Water Table, Curb and Gutter		
Typical Ditch Sections: V Bottom, Other, Concrete Swale		
Headwalls: HDPE, CMP, RCP, and Trench Bedding		
Typical Road Sections- Reference TDOT and No Recycle Asphalt		
Sidewalks if applicable		
ADA Sidewalk and Ramp Details		