



Forsyth County Department of Engineering

COMMERCIAL AS-BUILT CHECKLIST

PROJECT NAME _____
PERMIT/PROJECT # _____ **REVIEW DATE** _____
REVIEWED BY Bill Powell abpowell@forsythco.com

Please address all items marked with an "X" below, as well as any additional comments on this checklist or on the redlined plans. Please return this checklist and the redlined as-built drawing when resubmitted for review or revisions.

1. _____ Show location, size and type (ACCMP, BCCMP, HDPE, RCP) for all storm drainage systems.
2. _____ Add a signed/sealed statement by a Professional Engineer, Registered Land Surveyor or Registered Landscape Architect that the "as-built" conditions of the storm drainage system will function as designed and engineered in the approved construction drawings.
3. _____ Include an "as-built" topographic map of the detention/water quality area(s), and a stage/storage table showing the volume of the pond.
4. _____ Include an "as-built" detail of the outlet control structure. ☼ Detail shall match that in approved as-built hydro Study.
5. _____ Add a signed/sealed statement by a Professional Engineer that the detention/water quality pond provides the storage volumes and outflow rates as required by the approved construction plans and hydrology report.
 The engineer must submit a revised hydrology study using the as-built conditions in order to document this statement. Approval required prior to scheduling as-built sign-off. Contact Renee Hoge at rphoge@forsythco.com for comments. After receipt of initial comments, schedule an appointment with Renee Hoge to review revised hydrology report comments.
6. _____ Show all drainage easements that were shown on the approved construction plans, including a twenty (20) foot drainage easement around the detention/water quality pond(s).
7. _____ Show a twenty (20) foot access easement from a public road to all detention/water quality ponds.
8. _____ Show 100-year high water elevation in all detention/water quality ponds by labeling the elevation and outlining the contour at that elevation.
9. _____ Provide a note stating the disposition of the property with regards to the flood plain. State the source (FIRM Panel Number and date).
10. _____ Show the 100-year flood boundaries with elevations.
11. _____ Show the right-of-way for all roads fronting the property. Ensure that all necessary right-of-way has been deeded to Forsyth County, as shown on the approved construction plans.
12. _____ Add note: No pool backwash, fountain, spa, dumpster pad drains or drain lines may discharge into the stormwater system.

13. ____ Include the following notes:
- A. ____ Irrigation systems are prohibited on all existing and proposed County right of way and considered to be a violation of the County's Ordinance prohibiting unpermitted right of way encroachments.
 - B. ____ Forsyth County shall not be responsible for maintenance of any pipes, ditches, detention ponds or other structures within any drainage easement beyond the County right-of-way.
 - C. ____ Maintenance of underground detention/water quality facilities is the responsibility of the owner. The owner agrees to perform an annual inspection and provide any necessary maintenance.
 - D. ____ No structures, fences or other obstructions may be located within a drainage or access easement without prior approval by the Forsyth County Department of Engineering.
14. ____ All construction to be completed as required on the approved construction plans. See attached punch list for remaining site work. Developer must schedule an as-built punch list final inspection and obtain a release from the inspector prior to approval of the as-built. Call 770-781-2165 for rescheduling an inspection.

(Inspector)

15. ____ 100-year upstream headwater elevation at pipes/inlet to be shown by labeling elevation and outlining contour at that elevation. This contour will be labeled as the drainage easement if it extends outside of the twenty (20) foot drainage easement.
16. ____ Provide As-Built sight distance certification.
17. ____ Reference the north arrow magnetic, astronomic or grid north. If grid north, reference the zone.
18. ____ Signature required over surveyor's seal.
19. ____ Execute attached Stormwater Management/BMP Facilities Covenant for review and approval prior to as-built sign-off. The recording fee is \$25.00.

ADDITIONAL COMMENTS:

FOR OFFICE USE ONLY	
TYPE APPROVAL:	DATE:
PLAN	
HYDROLOGY	
FIELD	
FINAL	