



**CIVIL AND STRUCTURAL ENGINEERING SERVICES, PLLC**

**SAMIR W. BAHHO, P.E.**

**Date: September 02, 2019**

Chatham County  
Planning Department

Reference: Fern Creek Major Subdivision. Certification of  
Design and Construction of Fern Creek Road

This letter is to certify that Fern Creek Road, Fern Creek Major Subdivision was constructed to meet Chatham County Section 7.2.D (3)-Design and Construction Standards for Private Roads, Chatham County Subdivision Regulations.

1. Right of Ways width is 60'
2. Width of the road is min. 18'
3. Cul-de-sac radius is 55' R/W turn around and minimum 40' of road bed radius
4. Design and construction of the road meet requirements of Sec 7.2.D (4), of Subd. Regulations
  - Compacted subgrade passed proof roll with fully loaded double axel dump truck
  - Road has minimum 6" of ABC compacted to 90% Modified Proctor Density
  - Width of the road is 18' minimum with full bed width of 6" ABC.
  - Cross slope is 1/2" per foot.

My Seal and Signature are affixed below for certification.

For any further questions please call me or email me. My telephone number is (919) 621-0628.

My email address is [ba.casespllc@gmail.com](mailto:ba.casespllc@gmail.com)

Sincerely,

Samir W. Bahho, PE (License # 16941)

Business License P-0537

Cc: David Johnson

9/2/2019