

TABLE OF DETAILS

Detail Number	Title
C20.01	Construction Plan Preparation Details Construction Plan Preparation (2 Sheets)

CONSTRUCTION PLAN PREPARATION

CONSTRUCTION PLAN REQUIREMENTS

A. FORMAT

1. Provide cover sheet at scale of 1" = 100' or larger. Use same scale as preliminary plat.
2. Construction plans to be scale 1" = 50' or larger. Include graphic scale on plans.
3. Size shall be 24" x 36" or 30" x 42". Use same size as preliminary plat.
4. Boundary lines shall be distinctly and accurately represented, all bearings and distances shown with an accuracy of closure of not less than one (1) in 10,000+ and in accordance with the Standards of Practice for Land Surveying in North Carolina.
5. Elevation and bench markers shall be referenced to NAVD 88.
6. All drawings shall be prepared and sealed by a professional engineer and/or land surveyor.
7. Multiple sheets shall be collated and stapled. Match lines shall be clearly indicated.
8. Construction plans and associated calculations should be submitted online at the City of Greenville's Customer Self Service Portal.
9. Profiles shall be drawn at a scale of not less than one (1) inch equals fifty (50) feet, horizontal, and one (1) inch equals 5 (five) feet, vertical.

B. GENERAL INFORMATION (PROVIDE ON COVER SHEET AND PLAN AND PROFILE SHEETS)

1. Subdivision name.
2. The name(s) of the city, township, county, and state in which the subdivision is located.
3. Name, address, and telephone number of land owner(s).
4. Name, address, and telephone number of subdivider and/or developer.
5. Name, address, and telephone number, and registration number & seal of the engineer preparing the plan.



ENGINEERING DEPARTMENT
Greenville, North Carolina 27834

CITY OF GREENVILLE, N.C.

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1	9/1/23	APPROVAL	L. KIRBY

CONSTRUCTION PLAN PREPARATION

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C. PLAN INFORMATION

I. Cover Sheet

1. The cover or title sheet shall be in accordance with Section 9-5-45 of the City Code.

II. Plan and Profile Sheets

1. North arrow and delineation as to whether true, grid or magnetic including date.
2. Existing, platted and proposed streets, their names and numbers (if state marked routes), right of way and/or easement widths, pavement widths, tangent distance between reverse curves, centerline curve and corner radius data, also include sight distance triangle and typical cross sections.
3. Proposed and existing lot lines within the subdivision showing approximate dimensions.
4. Proposed and existing property lines.
5. Proposed and existing water courses, streams, or ditches including but not limited to centerline elevations, and cross sections.
6. Proposed lot grading (contours, spot elevations, flow arrows, etc.)
7. Floodplain boundaries, flood hazard area designation, and floodway boundaries and designation, including base flood elevations and FIRM panel reference.
8. Elevation of proposed and existing ground surface at all street intersections and points of major change along centerline of streets, together with proposed grade lines connecting therewith.
9. The profile of each proposed street shall show clearly and accurately the proposed new street grades and their relation to the existing street grades with which they connect.
10. The profiles shall show the finished elevation of the top of curb or street centerline for non-curb and gutter street sections.
11. The profiles of each street shall contain at least one (1) typical section, indicating the particular section to which the proposed profile grade refers. Each profile shall show the percentage of grade, the length of vertical curve, the P.V.C. and the P.V.T. Station, the P.V. I. Station, elevation, and midordinate.
12. The profiles of each storm sewer and sanitary sewer system shall contain the percentage of grade and the top and invert elevation of each catch basin and manhole.

D. SUPPORTING TECHNICAL INFORMATION

1. All storm drainage design shall be in accordance with Section 9-9 of the City Code and Series 680 of this manual.



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