

**2000**

**DEVELOPMENT REGULATIONS**

**CITY OF BUFORD, GEORGIA**

## TABLE OF CONTENTS

### ARTICLE

1.	<u>AUTHORITY, TITLE, PURPOSE AND INTENT</u> .....	1-1
1.1	<u>Authority and Title</u> .....	1-1
1.2	<u>Purpose</u> .....	1-1
1.3	<u>Intent and Application</u> .....	1-2
1.4	<u>Agricultural Exemption</u> .....	1-2
2.	<u>DEFINITIONS</u>	
2.1	<u>Use of Words and Interpretation</u> .....	2-1
2.2	<u>Definitions of Words and Phrases</u> .....	2-2
3.	<u>APPLICATION OF THE REGULATIONS</u>	
3.1	<u>Application</u> .....	3-1
3.2	<u>Dedication of Public Lands and Facilities</u> .....	3-1
3.3	<u>Transfer of Land Ownership</u> .....	3-1
3.3.1	Conditions Applicable to Title Transfers .....	3-1
3.3.2	Sale of Land by Reference to Unapproved Final Plat, Prohibited .....	3-2
3.4	<u>Subdivision Exemptions</u> .....	3-2
3.4.1	General Requirements .....	3-2
3.4.2	Recombinations .....	3-2
3.4.3	Minor Subdivisions .....	3-3
3.4.4	Estate Subdivisions .....	3-3
3.4.5	Non-Residential Project Management .....	3-4
3.4.6	Amnesty Lots .....	3-5
4.	<u>PERMITS REQUIRED FOR DEVELOPMENT OR CONSTRUCTION</u>	
4.1	<u>Authorization Required for Land Disturbance or Development Activities</u> .....	4-1
4.1.1	Permit Required: Exemptions .....	4-1
4.1.2	Plan Review and Approval .....	4-1
4.1.3	Chattahoochee River Corridor Certificate .....	4-1
4.1.4	Interdepartmental Review and Approval .....	4-2
4.1.5	Activities Limited to Permit Authorization .....	4-3
4.1.6	Developer's Responsibility for Compliance .....	4-3
4.2	<u>Land Disturbance Permits</u>	
4.2.1	Clearing Permit, Clearing and Grubbing Permit, and Grading Permit .....	4-4
4.2.2	Development Permit .....	4-4

ARTICLE

4.	4.3	<u>Building Permits</u>	
	4.3.1	Applicable Codes .....	4-6
	4.3.2	Health Department: On-Site Sewage Disposal .....	4-6
	4.3.3	Single-Family and Duplex Residences.....	4-6
	4.3.4	Swimming Pools .....	4-7
	4.3.5	Multi-Family and Non-Residential Structures .....	4-7
	4.3.6	Issuance on Buildable Lots of Record: Exceptions .....	4-7
5.		<u>GENERAL REQUIREMENTS</u>	
5.1		<u>Suitability of the Land</u>	
	5.1.1	Unsuitable Land May Not Be Developed.....	5-1
	5.1.2	Unsuitable Land Must Be Included in Buildable Lots .....	5-1
5.2		<u>Conformance to Comprehensive Plan</u>	
	5.2.1	Public Sites Shown on the Plan to Be Dedicated or Reserved as Approved by Board of Commissioners .....	5-1
	5.2.2	Director May Waive Upon Written Release of the Responsible Public Body.....	5-1
	5.2.3	Director Must Disapprove Projects That Do Not Incorporate Required Public Sites.....	5-1
	5.2.4	Incorporation of Public Land Area Into Buildable Lots .....	5-1
5.3		<u>Zoning and Other Regulations</u>	
	5.3.1	Discrepancy Between Minimum Standards: What Applies .....	5-2
	5.3.2	Building Setbacks to Conform to Zoning Resolution .....	5-2
5.4		<u>Required Public Improvements</u>	
	5.4.1	General Requirements .....	5-2
5.5		<u>Lots</u>	
	5.5.1	Lots to Conform to the Zoning Resolution .....	5-2
	5.5.2	Double Frontage and Reverse Frontage Lots Are Required Along Major Thoroughfares .....	5-2
5.6		<u>Survey Monuments</u>	
	5.6.1	Lot Corner Monumentation.....	5-3
	5.6.2	Floodplain Elevations .....	5-3
5.7		<u>Standard Drawings</u>	
	5.7.1	Department to Maintain Standard Drawings on File.....	5-3
	5.7.2	Standard Drawings to Illustrate Standards.....	5-3
	5.7.3	Standard Drawings Incorporated as Part of Development Regulations .....	5-3
5.8		<u>Buffers, Landscaping, and Tree Preservation</u>	
	5.8.1	General Applicability.....	5-4
	5.8.2	General Requirements .....	5-4
	5.8.3	Tree Protection Ordinance Requirements.....	5-5
	5.8.4	Landscaping Performance Surety .....	5-6

ARTICLE

5.9 Recreation Areas  
5.9.1 Recreation Areas ..... 5-6  
5.10 Supplementary Development Requirements ..... 5-8

6. ACCESS AND RIGHT-OF-WAY REQUIREMENTS AND STREET

6.1 Access  
6.1.1 Large Parcels to Provide Future Street Access..... 6-1  
6.1.2 Landlocking of Adjacent Property Prohibited..... 6-1  
6.1.3 Minimum Lot Frontage Required..... 6-1  
6.1.4 Private Streets to be Constructed Pursuant to  
Roadway Construction Standards..... 6-1  
6.1.5 Vehicular Access Easements..... 6-1  
6.2 Streets  
6.2.1 Dedication of Street Right-of-Way ..... 6-2  
6.2.2 Street Improvements ..... 6-3  
6.3 Minimum Right-of-Way and Street Improvements  
6.3.1 Right-of-Way and Pavement Widths ..... 6-3  
6.3.2 Street Rights-of-Way ..... 6-3  
Table 6-A Minimum Right-of-Way and Roadway  
Widths for New Streets and Widening..... 6-4  
Table 6-B Street Classifications ..... 6-5  
6.3.3 Street Widening – Single-Family Detached  
Residential Subdivisions ..... 6-6  
6.3.4 Street Widening – Single-Family Attached,  
Multi-Family, and Non-Residential Developments..... 6-8  
6.3.5 New Streets..... 6-9  
6.3.6 Substandard Streets..... 6-11  
6.3.7 Improvements Along State Highways..... 6-12  
6.4 General Layout Requirements  
6.4.1 Conformance to Comprehensive Plan..... 6-12  
6.4.2 Local Streets and Minor Collectors ..... 6-12  
6.4.3 Cul-de-sac Streets ..... 6-12  
6.4.4 Other Dead-End Streets..... 6-13  
6.4.5 Service Roads..... 6-12  
6.4.6 Half-Streets ..... 6-14  
6.4.7 Reserve Strips..... 6-14  
6.4.8 Alleys..... 6-15  
6.4.9 Street Jogs ..... 6-15  
6.5 Traffic Control Devices  
6.5.1 Traffic Control Signals..... 6-15  
6.5.2 Street Name Signs ..... 6-15  
6.5.3 Traffic Signals and Signs..... 6-16  
6.5.4 Striping Requirements..... 6-16

ARTICLE

6.5.5	Payment of Fees .....	6-16
6.5.6	Street Lights .....	6-16
6.6	<u>Specifications</u> .....	6-16
6.7	<u>Subgrade Preparation for All Streets</u>	
6.7.1	Subgrade in Accordance With Georgia DOT and These Regulations .....	6-16
6.7.2	Removal of Unsuitable Material .....	6-17
6.7.3	Compaction .....	6-17
6.7.4	Brought to Line and Grade .....	6-17
6.7.5	Utility Trenches to be Compacted .....	6-17
6.7.6	Roll Testing Required.....	6-17
6.7.7	Temporary Traffic Surface.....	6-17
6.7.8	Provisions to Drain Low Points.....	6-17
6.8	<u>Road Widening</u>	
6.8.1	Sections Wider Than 4 Feet in Width .....	6-18
6.8.2	Sections Less than 4 Feet in Width .....	6-18
6.9	<u>New Local and Minor Collector Streets</u>	
6.9.1	New Local and Minor Streets Within a Residential Subdivision .....	6-18
6.9.2	Local Residential-Rural Roads.....	6-19
6.9.3	Non-Residential Subdivision or Development Streets.....	6-19
6.10	<u>New Major Thoroughfares</u>	
6.10.1	Construction Standards: Major Thoroughfares.....	6-20
	<u>Table 6-B Construction Standards – Major Thoroughfares</u> ....	6-21
6.11	<u>Curb and Gutter</u>	
6.11.1	Curb and Gutter Required .....	6-21
6.11.2	Residential Curbing .....	6-21
6.11.3	Industrial or Commercial Curbing.....	6-21
6.11.4	Principal Arterial and Major Arterial Curbing .....	6-22
6.11.5	Construction Methods .....	6-22
6.12	<u>Underground Utilities</u>	
6.12.1	Installation and Compaction Required Before Pavement or Base .....	6-23
6.12.2	After Base Installed, Utilities to Be Bored.....	6-23
6.12.3	Manholes Flush With Finished Grade .....	6-23
6.12.4	Standard Drawings Apply .....	6-23
6.13	<u>Sidewalks</u>	
6.13.1	Where Required .....	6-23
6.13.2	Location Requirements .....	6-23
6.13.3	Construction Standards.....	6-24

ARTICLE

7. UTILITIES AND EASEMENTS

7.1	<u>Placement of Utilities</u>	
7.1.1	Underground Utilities to Be in Right-of-Way or Easement.....	7-1
7.1.2	Private Underground Utilities Require Department Approval if in the Right-of-Way .....	7-1
7.2	<u>Water System and Fire Hydrants</u>	
7.2.1	Connection of Public Water Main Required.....	7-1
7.2.2	Water, Fire Hydrants, etc., to Be Designed According to Applicable Standards, and Plans and Specifications .....	7-1
7.2.3	Water Mains to Be Installed After Curbs But Before Paving .....	7-1
7.2.4	Cleared, Opened, and Stabilized.....	7-2
	<u>Table 7-A</u> Easements for Storm Drain Pipes and Improved Ditches .....	7-2
7.3	<u>Sanitary Sewage Disposal</u>	
7.3.1	Connection to Sewage Disposal System Required.....	7-2
7.3.2	If Sewer is Available, Septic Not Allowed .....	7-2
7.3.3	Septic Field Must Be Located Out of the 100-Year Floodplain .....	7-2
7.3.4	Health Department Notations on Plats .....	7-3
7.4	<u>Easements</u>	
7.4.1	Dedication Requirement.....	7-3
7.4.2	Width of Permanent Sanitary Sewer Easements .....	7-3
7.4.3	Provision for Common Sanitary Drainage Easements .....	7-3
7.4.4	Off-Street Right-of-Way Easements .....	7-4
7.4.5	Cleared Easements to be Grassed .....	7-4
7.5	<u>Street Cuts</u>	
7.5.1	Review and Approval by the Department.....	7-4
7.5.2	Fees Required.....	7-4
7.5.3	Trenches to Be Backfilled.....	7-4
7.5.4	Trenches Under Paving.....	7-4
7.5.5	Utility Extension Contact Information.....	7-5

ARTICLE

8. SITE GRADING, STORMWATER DETENTION, CULVERTS AND PIPED DRAINAGE SYSTEMS AND SOIL SEDIMENT CONTROL REQUIREMENTS

8.1	<u>Site Grading</u>	
8.1.1	Compliance With Line and Grade Required .....	8-1
8.1.2	Contour Interval of 2 Feet Required .....	8-1
8.1.3	Consistent With Metropolitan River Protection Act .....	8-1
8.1.4	Embankment Layering .....	8-1
8.1.5	Maximum Slopes.....	8-1
8.1.6	Special Conditions for Soils With Low Shearing Resistance and Cohension .....	8-2
8.2	<u>Stormwater Detention</u>	
8.2.1	Stormwater Management Report Required.....	8-2
8.2.2	Storm Detention Required.....	8-3
8.2.3	Detention Design Criteria – General.....	8-4
	<u>Table 8-A Detention Methodology by Drainage</u>	
	Basin Size .....	8-6
8.2.4	Detention Facility Location Criteria.....	8-7
8.2.5	Detention Facility Easement Requirements .....	8-8
8.2.6	Detention Facility Maintenance .....	8-9
8.2.7	Detention Facility Construction Standards .....	8-9
8.2.8	Detention Facility Engineer’s Certification and Record Drawings.....	8-10
8.3	<u>Culverts and Piped Drainage Systems</u>	
8.3.1	Drainage Improvements Required .....	8-10
8.3.2	Standard Specifications.....	8-10
8.3.3	Design Criteria – General.....	8-11
8.3.4	Design Criteria – Culverts .....	8-11
8.3.5	Piped Collection Systems.....	8-12
8.3.6	Energy Dissipation .....	8-12
8.3.7	Minimum Pipe and Pipe Coating .....	8-12
8.3.8	Pipe Length .....	8-14
8.3.9	Pipe Installation.....	8-14
8.3.10	End Finish .....	8-15
8.3.11	Junction Boxes and Catch Basins .....	8-15
8.3.12	Other Structures.....	8-16
8.4	<u>Surface Drainage</u>	
8.4.1	Design Standards.....	8-16
8.4.2	Construction Standards.....	8-16
8.5	<u>Erosion Control</u>	
8.5.1	Design Standards.....	8-17
8.5.2	Construction Standards.....	8-17
8.5.3	Abandoned Projects.....	8-18

ARTICLE

9. PERFORMANCE GUIDELINES

9.1	<u>General</u>	
	9.1.1 Purpose.....	9-1
	9.1.2 Constraints.....	9-1
	9.1.3 Documentation Required.....	9-1
9.2	<u>Lots</u>	
	9.2.1 Lot Design, HLP, RDP, RDS.....	9-1
	9.2.2 Side Lot Lines.....	9-3
	9.2.3 Corner Lots.....	9-3
9.3	<u>Blocks</u>	
	9.3.1 Length, Width, and Shape.....	9-3
	9.3.2 Pedestrian Access.....	9-4
9.4	<u>Access</u> .....	9-4
9.5	<u>Roadway Design</u>	
	9.5.1 Street Grades and Design Speeds.....	9-4
	<u>Table 9-A</u> Minimum Design Speed and Maximum Grades.....	9-5
	9.5.2 Vertical Street Alignment.....	9-5
	<u>Table 9-B</u> Constant (K) Values for Vertical Curves.....	9-6
	9.5.3 Horizontal Street Alignment.....	9-7
	<u>Table 9-C</u> Horizontal Curves.....	9-7
	<u>Table 9-D</u> Tangents.....	9-8
	9.5.4 Horizontal and Vertical Clearances.....	9-9
9.6	<u>Street Intersections</u>	
	9.6.1 Angle of Intersection.....	9-9
	9.6.2 Maximum Grade.....	9-10
	9.6.3 Intersection Approaches: Horizontal.....	9-10
	9.6.4 Intersection Approaches: Vertical.....	9-10
	<u>Table 9-E</u> Approach Distances at Major Intersections.....	9-11
	9.6.5 Intersection Radii.....	9-11
	<u>Table 9-F</u> Intersection Radii.....	9-12
	9.6.6 Islands.....	9-12
	9.6.7 Intersection Corner Sight Distances.....	9-13
	9.6.8 Obstructing Visibility at Intersections.....	9-13
	9.6.9 Turning Lanes at Intersections.....	9-14
9.7	<u>Driveway Intersections</u>	
	9.7.1 Angle and Improvements.....	9-14
	9.7.2 Driveway Design Standards.....	9-14
	9.7.3 Auxiliary Lanes.....	9-15
	9.7.4 Corner Sight Distance.....	9-16
	9.7.5 Separation and Spacing.....	9-16



## ARTICLE

9.8	<u>Stormwater Detention Guidelines</u>	
9.8.1	General .....	9-17
	<u>Table 9-G</u> Ration Method Runoff Coefficients.....	9-18
9.8.2	Dam Design and Construction Criteria .....	9-19
9.8.3	Detention Facility Outlet Devices .....	9-21
9.8.4	Emergency Overflow Requirements.....	9-22
9.8.5	Parking Lot Detention Facilities .....	9-24
9.8.6	Underground and Rooftop Detention .....	9-25
9.8.7	Sediment Basins .....	9-25
9.8.8	Ponds and Lakes Not Used for Detention .....	9-26
9.9	<u>Culverts and Pipe Collection System Guidelines</u>	
9.9.1	Culverts .....	9-26
9.9.2	Piped Collection Systems.....	9-26
9.9.3	Outlet Location – Culverts and Piped Systems .....	9-27
9.9.4	Energy Dissipation .....	9-27
9.9.5	Discharge of Concentrated Flows .....	9-27
	<u>Table 9-H</u> Maximum Flows into Streets .....	9-28
10.	<u>PLAN AND PLAT SPECIFICATIONS</u>	
10.1	<u>Sketch Plan Specifications</u>	
10.1.1	Size .....	10-1
10.1.2	Freehand Drawing (Approximate Scale) .....	10-1
10.1.3	List of What is Required to be Shown .....	10-1
10.2	<u>Subdivision Development Plans</u>	
10.2.1	What a Development Permit for a Subdivision Consists of .....	10-3
10.2.2	Conformation to Sketch Plan.....	10-3
10.2.3	Scale .....	10-3
10.2.4	Certified Boundary Survey .....	10-4
10.2.5	List of What is Required to be Shown .....	10-4
10.2.6	Certificate of Development Plans Approval .....	10-7
10.2.7	Other Development Plans to Accompany Preliminary Plat .....	10-7
10.2.8	Encroachments .....	10-9
10.3	<u>Final Plat Specifications</u>	
10.3.1	Size .....	10-10
10.3.2	Certified Boundary Survey .....	10-10
10.3.3	Conformation to Preliminary Plat.....	10-10
10.3.4	List of What is Required to be Shown .....	10-10
10.3.5	Warranty Deed .....	10-13
10.3.6	Property Owner's Association .....	10-13
10.3.7	Certificates .....	10-13

ARTICLE

10.4 House Location Plan (HLP)  
10.4.1 Size and Description ..... 10-16  
10.4.2 May be Drawn by an Individual ..... 10-17  
10.4.3 List of What is to be Shown..... 10-17  
10.4.4 Certificate of Occupancy ..... 10-18  
10.4.5 Certificate – Department Approval ..... 10-18  
10.5 Residential Drainage Plan (RDP)  
10.5.1 Certified Boundary Survey Required..... 10-19  
10.5.2 List of What is Required to be Shown ..... 10-19  
10.5.3 Residential Drainage Study (RDS) ..... 10-20  
10.5.4 Certificate of Occupancy – Conditions ..... 10-20  
10.5.5 Certificate – Department Approval ..... 10-20  
10.6 Site Development Plans  
10.6.1 What a Development Permit for a Site  
Plan Consists of ..... 10-21  
10.6.2 Conformation to Sketch Plan..... 10-21  
10.6.3 Scale ..... 10-21  
10.6.4 Project Boundary Data ..... 10-22  
10.6.5 List of What is Required to be Shown ..... 10-22  
10.6.6 Certificate of Development Plans Approval..... 10-25  
10.6.7 Other Development Plans to Accompany Site Plan ..... 10-25  
10.6.8 Encroachments ..... 10-27  
10.7 Tree Protection Plan Specifications  
10.7.1 When Required ..... 10-27  
10.7.2 In Accordance With Tree Protection Ordinance ..... 10-27  
10.8 Buffer and Landscape Plan Specifications  
10.8.1 When Required ..... 10-28  
10.8.2 Shown on Site Plan or Boundary Survey ..... 10-28  
10.8.3 List of What is Required to be Shown ..... 10-28

11. PROCEDURES

11.1 Subdivision Review Procedures  
11.1.1 Pre-Application Conference ..... 11-1  
11.1.2 Concept Plan Approval..... 11-1  
11.1.3 Development Plans Approval for Subdivisions..... 11-2  
11.1.4 Final Plat Approval ..... 11-4  
11.2 Non-Subdivision Review Procedures  
11.2.1 Pre-Application Conference ..... 11-7  
11.2.2 Sketch Plan Approval ..... 11-8  
11.2.3 Site Development Plan Approval..... 11-8  
11.2.4 Certificate of Development Conformance  
Approval Process ..... 11-10

ARTICLE

11.3 Assignment of Names and Addresses  
11.3.1 Subdivision or Development Names ..... 11-13  
11.3.2 Street Names ..... 11-13  
11.3.3 Street Address Assignments ..... 11-14  
11.4 Initiation of Development Activities  
11.4.1 Initial Activities Required ..... 11-15  
11.4.2 Tree Protection Areas ..... 11-16  
11.4.3 Development Inspections ..... 11-16  
11.4.4 Responsibility for Quality and Design..... 11-17  
11.4.5 Stop Work Orders..... 11-18  
11.4.6 Stabilization for Erosion Control ..... 11-18  
11.5 Approval of Development Conformance  
11.5.1 Prerequisite to Final Plat or C.O..... 11-18  
11.5.2 Submission Requirements ..... 11-18  
11.5.3 Approval ..... 11-19  
11.6 Project Closeout and Continuing Maintenance  
11.6.1 Development Performance and Maintenance  
Agreement..... 11-19  
11.6.2 Maintenance and Performance Surety ..... 11-20

12. FEES

12.1 Fees Set by Board of Commissioners..... 12-1  
12.2 Prerequisite to Issuance of Permit(s) ..... 12-1  
12.3 Fees Non-Refundable ..... 12-1  
12.4 Sanitary Sewer, Curb Cut, etc., Fees..... 12-1  
12.5 Traffic Control Fees ..... 12-1  
12.6 Recording Fees..... 12-1

13. ADMINISTRATION, APPEAL, AND VIOLATIONS

13.1 Administration  
13.1.1 Administered by Director of Department  
of Planning and Development ..... 13-1  
13.1.2 Director Authorized to Suspend or Stop  
Work and Direct Corrections ..... 13-1  
13.2 Regulations to be Published ..... 13-1  
13.3 Modifications ..... 13-1  
13.4 Appeal and Waiver of the Regulations  
13.4.1 Appeals ..... 13-2  
13.4.2 Waivers ..... 13-2  
13.5 Violation and Penalty  
13.5.1 Responsible Party ..... 13-2

ARTICLE

14. ADOPTION AND AMENDMENT

14.1	<u>Effective Date</u>	
14.1.1	Effective on Adoption .....	14-1
14.1.2	Grandfather Provisions: Development Permit Application Received Prior to Adoption .....	14-1
14.1.3	Grandfather Provisions: Development Permit Issued Prior to Adoption .....	14-1
14.1.4	Grandfather Provisions: Clearing, Clearing and Grubbing, Grading.....	14-1
14.1.5	Building Permits .....	14-1
14.2	<u>Amendments</u>	
14.2.1	By Board of Commissioners.....	14-2
14.2.2	Grandfather Provisions: Development Permit Application Received Prior to Adoption .....	14-2
14.2.3	Grandfather Provisions: Development Permit Issued Prior to Adoption .....	14-2
14.2.4	Grandfather Provisions: Clearing, Clearing and Grubbing, Grading.....	14-2
14.2.5	Building Permits .....	14-2
14.3	<u>Severability</u> .....	14-2
14.4	<u>Conflicting Regulations</u> .....	14-3