Town of Kernersville Land Development Manual (LDM) First Edition – Effective April 3, 2024



Table of Contents

Introduction			
Chapte	Chapter 1 Design Guidelines4		
Chapte	er 2 Submittal Requirements for Board-Approved Site Plans13		
А.	Requirements Applicable to all Board-Approved Site Plans 		
B.	Table of Requirements for Particular Types of Site Plans15		
C.	Form 1 Submittal Requirements15		
D.	Form 2 Submittal Requirements16		
Е.	Form 3 Submittal Requirements (for a single manufactured home on one and one-half (1.5) acres or less)17		
Chapte	er 3 Submittal Requirements for Civil Construction Plans18		
A.	Civil Construction Plan Requirements with Road Construction18		
В.	Civil Construction Plan Requirements without Road Construction27		
Chapte	er 4 Submittal Requirements for Plats		
А.	Plat Definitions		
B.	Final Plats		
C.	Site Plan/ Preliminary Plats40		
D.	Certification Blocks43		
Chapte	er 5 Submittal Calendars46		
А.	Planning Board Submittal Calendar46		
B.	Board of Adjustment Submittal Calendar47		

Last Updated: 04.03.2024

Introduction

Last Updated: 04.03.2024

The purpose of this manual is to assist in the administration of land development review for the Town of Kernersville. The Town of Kernersville development review process is established by the Board of Aldermen to provide a framework that allows reasonable oversight by town staff and officials while ensuring development projects are consistent with the Unified Development Ordinance and adopted plans.

The manual's primary goal is to explain the review procedures of development applications established in the UDO. To ease the review process, this manual also contains application forms, staff review checklists, and submittal and fee schedules. The land development manual consolidates information in the development review process, and helps applicants understand the procedures and requirements. The intent of this land development manual is more specifically to:

A. Clarify the standards and items for submitting complete and relevant information for development applications;

B. Establish construction standards for infrastructure constructed in the service of development;

C. Establish planting standards that promote health and survival of landscaping installed in the county.

D. Establish design standards for the development of various building types

To help consolidate the development process and promote efficiency, the Kernersville Department of Community Development has established this land development manual as an aid for citizens, public officials, engineers, and developers. The manual includes submittal requirements, development and design guidelines, and construction standards for a variety of development applications submitted to the Department. The included items are necessary to enable the review of development submittals for compliance with the ordinance and these processes.

While the land development manual is not an ordinance, it is incorporated by reference within the Unified Development Ordinance. This allows the information in the manual to remain reflective of changing economic and environmental conditions.

Should you have any questions or comments about this manual please contact the Planning and Community Development Department.

A digital version of this manual is available online at the Planning and Community Development Department's webpage at: <u>https://toknc.com/community-development</u>

Applicants are reminded that this manual does not serve as a substitute for any of the Town of Kernersville's adopted ordinances or plans and is intended only as a guide to the users of the Town of Kernersville Unified Development Ordinance. In case of conflict between this document and other town ordinances, the adopted town ordinances shall control. Land Development Manual – Chapter 1 Design Guidelines Last Updated: 8.29.2024

Chapter 1 Design Guidelines

Last Updated: 8.29.2024

The architectural features of this section are applicable to zoning districts where building materials and/or design is part of the regulation.

A. Building Design Guidelines

1. Design Guidelines applicable to all overlay districts when required



Example of a monument sign and double post sign



Example of a knockout

Example of fuel pumps located to



2. Design Examples for MBP Medical Business Park District – façade compositions







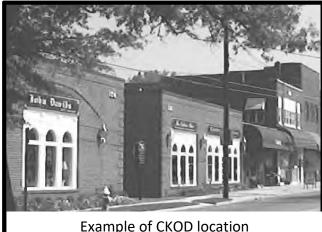


Last Updated: 8.29.2024

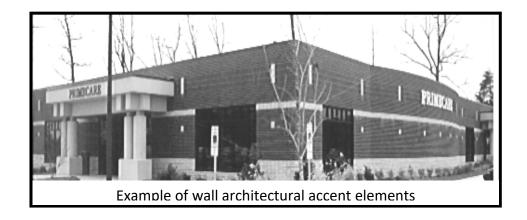


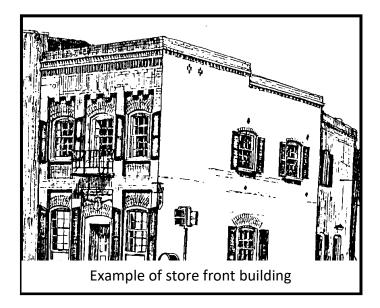
Last Updated: 8.29.2024

3. Design Guidelines for the Central Kernersville Overlay District (CKOD).



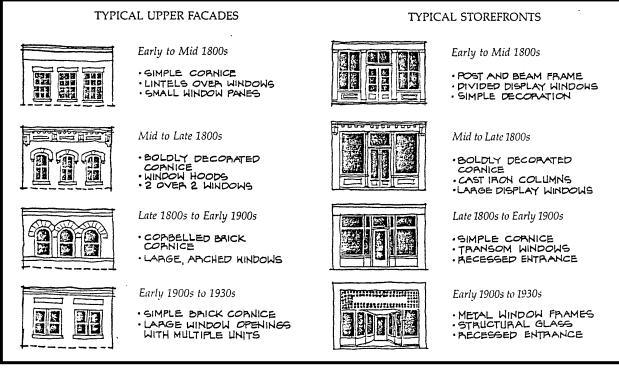
Example of CKOD location



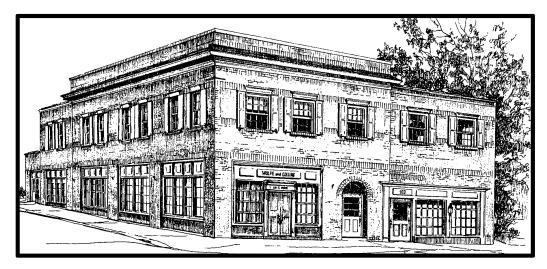




Last Updated: 8.29.2024



Elements of building design



Example of office building

Example of 3' brick wall separating street from parking area



Last Updated: 8.29.2024

4. Design Guidelines for the Highway Corridor Overlay District (HCOD).



Example of a stucco façade building



Example of a vinyl façade building



Example of a building meeting the HCOD Building Design and Material Standards

5. Design Guidelines for the Neighborhood Scale Commercial Overlay District (NSCOD).





Last Updated: 8.29.2024

6. Design Guidelines for the Industrial Corridor Overlay District



Example of an industrial building meeting the ICOD Building



Example of 10' brick facade

B. Landscaping Recommended Plant Species

1.	Large Variety Trees (mature height: thirty-five (35) feet or greater):	
	Willow Oak	Quercus phellos
	Sugar Maple	Acer saccharum
	Red Maple	Acer Rubrum
	Scarlet Oak	Quercus coccinea
	Southern Magnolia	Magnolia grandiflora
	London Plane-tree	Platanus acerifolia
	River Birch	Betula nigra
	Japanese Zelkova	Zelkova serrata
	Tulip Poplar	Liriodendron tulipifera
	Pin Oak	Quercus palustris
	Black Gum	Nyssa sylvatica
	Littleleaf Linden	Tilia cordata
	White Oak	Quercus alba
	Japanese Scholartree	Sophora japonicum
	Gingko	Gingko biloba
	English Oak	Quercus robur
	Japanese Katsuratree	Cercidiphyllum japonicum
	Schumard Oak	Quercus schumardi
	Chinese Elm	Ulnus parviflora

2. Medium Variety Trees (mature height: twenty-five (25) to thirty-five (35) feet):

Bradford Pear Mountain Silverbell Sourwood **Thornless Honeylocust** Eastern Redbud Mountain Ash **Yoshino Cherry** Golden-Rain-Tree Saucer Magnolia Weeping Cherry Kwansan Cherry Yellowood Ironwood Pistachio **Redmond Linden** American Holly

Ps calleryana "Bradford" Halesia monticola Oxydendrum arboreum Gleditsia triacanthos "Inermis" Cercis canadensis Sorbis americana Prunus yedoensis Koelreutreria paniculata Magnolia soulangeana Prunus subhirtilla pendula Prunus serrucata "Kwansan" Cladastris lutea Carpinus carolineana Pistachia chinensis Tilia americana "Redmond" Ilex opaca

3. Small Variety Trees (mature height: less than twenty-five (25) feet):

Japanese Maple Japanese Dogwood Flowering Dogwood Smoketree Crape Myrtle Crabapple (var.) Amur Maple Russian Olive Acer palmatum Cornus kousa Cornus florida Cotinus coggyria Lagerstroemia indica Malus hybrida (var.) Acer ginnala Eleaegnus angustifolia

Last Updated: 8.29.2024

Wax Myrtle Star Magnolia

Myrica Cerifer Magnolia stellate

4. Streetyard and Interior Shrubs (mature height: approximately thirty-six (36) inches):

a. Evergreen.
Warty Barberry
Dwarf Burford Holly
Japanese Holly (var.)
Azalea (var.)
Mugo Pine
Juniper (var.)
Euonymous (var.)
Leatherleaf Viburnum

b. Deciduous.
Forsythia
Dwarf Burning Bush
Thunberg Spirea
Viburnum (var.)
Oakleaf Hydrangea
Japanese Flowering Quince
Potentilla

c. Ornamental Grass Varieties Oregonholly Grape Nandina Dwarf Nandina Berberis verruculosa Ilex cornuta "Burfordii" nana Ilex crenata (var.) Azalea sp. Pinus mugo Juniperus sp. Euonymous sp. Viburnum rhytidophyllum

Forsythia sp. Euonymous alatus "Compacta" Spirea thunbergi Viburnum sp. Hydrangea quercifolia Chaenomeles japonic Potentilla fruticose

Mahonia bealei Nandina domestica Nandina domestica nana

5. Outdoor Storage area Screening Plants (installation height: six (6) feet): American Holly Ilex opaca Ilex cornuta "Burfordii" **Burfora Holly** Ilex cornata "Nellie Stevens" **Nellie Stevens Holly Red Tip Photinia** Photinia alabra Wax Myrtle Myrica cerifera Juniperus hetzi Hetz Juniper Arborvitae Thuja occidentalis Eastern Red Cedar Juniperus virginiana Pinus thunbergiana Japanese Black Pine

6. Groundcovers (planting areas, berms, wall planters):

Lily-Turf Liriope muscarii Creeping Lilyturf Hybrid Daylily Periwinkle English Ivy Purpleleaf Winter- creeper Aaronsbeard Rockspray Cotoneaster

Liriope spicata Hemerocallis hybrida Vinca minor Hedera helix Evonymous fortunei coloratus Hypericum calysinum Cotoneaster horizontali Land Development Manual – Chapter 2 Submittal Requirements for Board-Approved Site Plans Last Updated: 8.29.2024

Chapter 2 Submittal Requirements for Board-Approved Site Plans Last Updated: 8.29.2024

The following sections list submittal requirements applicable to all Forms as well as for each type of Form.

A. Requirements Applicable to all Board-Approved Site Plans

- Required copies: Three (3) paper copies folded to 9" X 12" page size with the title block showing, and a digital submission through the town's permitting portal, see below.
- 2. Scale:
 - Less than 25 acres: no smaller than 1" to 50'
 - 25 or more acres: no smaller than 1" to 100'
 - Very large developments: 1" to 200' with approval of Community Development staff.
- **3.** Location Map containing a north arrow and the intersection of at least two (2) public streets nearest to the property.
- **4.** Title Block in the lower right-hand corner of the site plan with:
 - development name
 - name and address of the owner and petitioner
 - name and address of the architect, land planner, landscape architect, engineer or surveyor who prepared the map, and his/her registration seal, (only the name and address of the site plan preparer is required for applications for a single manufactured home on one and one-half (1.5) acres or less)
 - date of survey if applicable for , except that a survey is not required for the first phase site plan submittal of a two-phase conditional zoning district petition
 - scale, date and north arrow
- 5. Property Boundaries including bearings and distances
- 6. All Adjacent Property ownership and zoning
- 7. Electronic Files submitted through <u>ViewPoint</u> online permitting system
 - site plan (pdf & jpg)
 - legal description if "part-of" a parcel/PIN # (doc)
 - building elevations (pdf & jpg) if applicable
 - CAD geocoded (dwg)
 - other as required by staff for adequate review
- 8. Required Certifications

Land Development Manual – Chapter 2 Submittal Requirements for Board-Approved Site Plans

Last Updated: 8.29.2024

-	CATTALCI
	UNING

EXISTING ZONING: _____ PROPOSED ZONING: _____ TYPE OF REVIEW REQUESTED: _____ (I.E. REZONING, PLANNING BOARD REVIEW, PRELIMINARY SUBDIVISION APPROVAL, ETC.)

DENSITY CALCULATIONS (IF APPLICABLE)		
NUMBER OF UNITS/LOTS:	UNITS/LOTS UNITS/ACRE OR LOTS/ACRE	

SITE SIZE AND COVER	AGE
TOTAL ACREAGE:	
STIE COVER AGE:	
BUILDING TO LAND	%
PAVEMENT TO LAND	%
OPEN SPACE	%
TOTAL	(100%)
BUILDING SQUARE FOOTAGE:	SF.
BUILDING HEIGHT: FT.	OR STORIES

	INFRASTRUCTURE	
WATER:	PUBLIC	
SEWER:	PUBLIC	PRIVATE
STREETS:	FUBLIC	PRIVATE

OFF ST REET PARKING (IF APPLICABLE)		
PROPOSED USE(S):		
PARKING CALCULATI	ON: SPACES:	
(MAY BE MORE THAN	ONE CALCULATION REQ	URED)
REQUIRED PARKING:		SPACES
PARKING PROVIDED:		SPACES

OTHER INFORMATION OR NOTES
(I.E. USE CONDITION COMPLIANCE
INFORMATION OR OTHER SPECIAL NOTES)

OFF STREET LOADING
(if applicable)
REQUIRED LOADING/UNLOADING SPACES:
LOADING/UNLOADING SPACES PROVED:
SIZE: FT. X FT.

BUFFERYARDS (IF APPLICABLE)

ADJOINING ZONING:

TYPE REQUIRED:

FENCE OF HON

WATERSHED SITE DATA	
(IF APPLICABLE)	
A. Total Site Area	(sq.ft.)
B. Proposed Disturbed Area	(sq.ft.)
C. Existing Impervious Surface Area	(sq.ft.)
D. Existing Impervious Surface Area Built Before 1993	(sq.ft.)
E. Total Regulated Undeveloped Site Area (A-D)	(sq.ft.)
F. Total Proposed Impervious Surface Area	(sq.ft.)
G. Regulated Impervious Surface Area (F-D)	(sq.ft.)
H. Proposed Impervious Surface Area Percentage: (F/A)*100	%
I. Regulated Impervious Surface Area Percentage (G/E)*100	%
J. (If Residential) Units Per Acre	

Land Development Manual – Chapter 2 Submittal Requirements for Board-Approved Site Plans Last Updated: 8.29.2024

B. Table of Requirements for Particular Types of Site Plans

The following table lists the specific type of submittal form required for each type of site plan in the Town of Kernersville for board approval. Requirements for each type of form follow the table.

Type of Form Required with Submittais That Require Board Approval		
Type of Application	Form	
Uses Listed in Table 3.8 as Requiring Planning Board Review	Form 1	
Uses Listed in Table 3.8 as Requiring Special Use Permit from Board of Adjustment	Form 1	
Uses Listed in Table 3.8 as Requiring Special Use Permit from Board of Aldermen	Form 1	
Petition for Conditional Zoning District		
One-Phase Rezoning Other Than Manufactured Home on 1.5	Form 1	
acres or smaller lot	Form 3	
One-Phase Rezoning For Manufactured Home on 1.5 acres or		
smaller lot	Form 2	
Two-Phase Rezoning	Form 1	
First Phase Site Plan		
Second Phase Final Development Plan		
Permitted Uses in NSB and C Districts	Form 1	
Permitted Uses in MU-C Districts	Form 1 or 2	
Permitted Uses in H and HO Districts	See Article 3	
	Section 3.11 of the	
	UDO	

Type of Form Required With Submittals That Require Board Approval

C. Form 1 Submittal Requirements

The following items are required for a Form 1 submittal in addition to A. Requirements Applicable to all Board Approved Site Plans.

- **1.** Site Plan Information Blocks shall be in the form of the templates pictured below and shall contain the following details as appropriate:
 - Residential zoning maximum number of dwelling units by type and density
 - Nonresidential zoning type of use(s) and proposed maximum square footage of land and buildings in nonresidential uses
 - Total acreage
 - Approximate percent of building coverage to land
 - Approximate percent of paved or graveled surface to land
 - Approximate percent of open space to land
 - Acreage in common open area used for active recreational uses, indicating purposes and uses (common open space as computed shall not include streets, drives, parking or loading areas)
 - Total number of parking spaces, and information necessary to calculate needed parking.

Land Development Manual – Chapter 2 Submittal Requirements for Board-Approved Site Plans

Last Updated: 8.29.2024

- 2. Natural Features, existing and proposed:
 - Streams and stream buffers, drainageways, floodway and floodway fringe boundaries and elevations
 - Wooded areas and other natural features
 - Topography at four (4) foot intervals and two (2) foot intervals when available (distinction between existing and proposed topography lines to be shown according to the following: (existing light dashed lines; proposed thin solid lines)
 - Natural features to be left undisturbed. Any existing trees to be retained shall be preserved during construction pursuant to Article 5 Section 5.3.2.H. of the UDO
 - Slopes at twenty percent (20%) or greater grade, if bonus density is requested for a planned residential development under Article 4 Section 4.4.60 of the UDO
- **3.** Constructed Features, existing and proposed:
 - Buildings with setbacks from property lines and maximum height indicated;
 - Other structures, fences, walls, signs, plantings, etc.;
 - Rights-of-way and easements with type and widths indicated and an indication of whether public or private (access drives and parking areas to be shaded in);
 - Private and public drives including pavement widths, curbcuts, names, and an indication of whether public or private;
 - All other easements, parklands, playgrounds and other common or public areas;
 - Sidewalks, greenways, and other pedestrian ways;
 - Parking and loading areas with typical dimensions for spaces and lots;
 - Solid waste disposal facilities;
 - Utility lines over and under the site including storm drainage system;
 - Finished elevation on all center lines of new streets and any stub streets, both on site and at connection with adjacent property(s);
 - All streets, driveways, etc. (including pavement and right-of-way) within one hundred (100) feet of the project site; and,
 - Public/private water system.
- **4.** Other Requirements of The UDO necessary for review as applicable to the proposed use.

D. Form 2 Submittal Requirements

The following items are required for a Form 2 submittal in addition to A. Requirements Applicable to all Board Approved Site Plans.

1. Legend (on right hand side of map) indicating:

- Residential zoning maximum number of dwelling units by type and density
- Nonresidential zoning type of use(s) and proposed maximum square footage of land and buildings in nonresidential uses
- Total acreage
- Preliminary development schedule
- 2. Natural features, existing and proposed:
 - Streams and stream buffers, drainageways, floodway and floodway fringe boundaries and elevations;

Land Development Manual – Chapter 2 Submittal Requirements for Board-Approved Site Plans

Last Updated: 8.29.2024

- Wooded areas and other natural features;
- Topography at four (4) foot intervals and two (2) foot intervals when available (distinction between existing and proposed topography lines to be shown according to the following: (<u>existing</u> - light dashed lines; <u>proposed</u> - thin solid lines); and,
- Natural features to be left undisturbed. Any existing tree to be retained shall be preserved during construction in accordance with Section 3-4.2(H)(3).
- **3.** Constructed Features, existing and proposed:
 - Rights-of-way and easements with type and widths indicated and an indication of whether public or private (access drives and parking areas to be shaded in);
 - Private and public drives including pavement widths, curbcuts, names, and an indication of whether public or private;
 - All other easements, parklands, playgrounds and other common or public areas;
 - Sidewalks, greenways, and other pedestrian ways;
 - Utility lines over and under the site including storm drainage system;
 - Proposed driveways;
 - All streets, driveways, etc. (including pavement and right-of-way) within one hundred (100) feet of the project site; and,
 - Public/private water system.
- **4.** Other Requirements of This Ordinance necessary for review as applicable to the proposed use.

E. Form 3 Submittal Requirements (for a single manufactured home on one and one-half (1.5) acres or less)

The following items are required for a Form 3 submittal in addition to A. Requirements Applicable to all Board Approved Site Plans.

- 1. Natural Features, existing and proposed:
 - Streams and stream buffers, drainageways, floodway and floodway fringe boundaries and elevations; and,
 - Wooded areas and other natural features.
- **2.** Constructed Features, existing and proposed:
 - Buildings with setbacks from property lines and maximum height indicated;
 - Other structures, fences, walls, signs, plantings, etc.;
 - Rights-of-way and easements with type and widths indicated and an indication of whether public or private (access drives and parking areas to be shaded in);
 - Private and public drives including pavement widths, curbcuts, names, and an indication of whether public or private;
 - Utility lines over and under the site and storm drainage system;
 - All streets, driveways, etc. (including pavement and right-of-way) within one hundred (100) feet of the project site; and,
 - Public/private water system.
- **3.** Other Requirements: Evidence of compliance with the use conditions for manufactured homes in Article 4 Section 4.4 and other applicable provisions of the UDO.

Chapter 3 Submittal Requirements for Civil Construction Plans

Last Updated: 08.29.2024

The following checklists include the submittal requirements for civil construction plans with and without road construction.

A. Civil Construction Plan Requirements with Road Construction

PROJECT INFORMATION: (FILLED OUT IN OPENGOV)

- Project Name
- Subdivision
- **Project Description**
- Property Owner Address
- Property Owner Phone #
- Engineer Name
- Engineer Phone #
- Landscape Architect Name
- Landscape Architect Phone #

- Project Type
- PIN(s) of Affected Properties
- Property Owner Name
- Property Owner City, State, Zip
- Property Owner Email
- Engineer Firm
- Engineer Email
- Landscape Architect Firm
- Landscape Architect Email

General Submittal Requirements

Initial Plan Set

- 1) 1 full-size hard copy folded to 9"x12".
- All drawings in a set of construction plans to be scaled to a 24" x 36" sheet. This size shall be uniform throughout the submittal.
- 3) Plans shall be marked as "For Review Only" at this stage.
- 4) A watershed application will need to be uploaded with the initial submittal (digital copy only).
- 5) Upload to portal using standardized file naming using the following formats:
 - a) Civil Plans: Project Name + Civil Plan Set + Submittal/Revision+ Date of Upload (yyyymmdd) [Example: HarmonPark_Civil Plan Set_Submittal_20240129]
 - b) Other Documents(s): Project Name + Submittal Type + Submittal/Revision + Date of Upload (yyymmdd) [Example: HarmonPark_WatershedApplication_Revision_20240129]

Each Subsequent Resubmittal

- 1) Resubmittals shall be required in both digital and hard copy form:
 - a) 1 full-size hard copy folded to 9"x12"
 - b) Digital copy to be uploaded to OpenGov Portal using standardized file name.
- 2) Plans shall be marked as "For Review Only" at this stage
- 3) Response to comment letter shall be required or the resubmittal will be deemed incomplete.

Approved Plan Set

- 1) Upon approval of construction drawings three (3) full size sets [two (2) sets if no work is proposed in current or future right-of-way] shall be submitted to the town for signature and stamping.
 - a) Each page shall be signed, sealed and dated by a NC Registered Professional Engineer and/or Architect.
 - b) Plans shall be marked as "For Construction"
- 2) Two CAD (.dwg) files shall be submitted
 - a) File 1 shall include a site plan sheet with all relevant layers;
 - b) File 2 shall include specific layers labeled as they are below:
 - i) Parcel Boundary
 - ii) Building footprints
 - iii) Impervious total impervious surface in one layer
 - iv) STW Easements stormwater easements
 - v) STW Conveyance Swales or any other designed stormwater conveyance that brings rain water to the pond
 - vi) Inlet type needs to be provided
 - vii) Outlet type needs to be provided
 - viii)SCM Stormwater control measures footprint
 - ix) Stormwater Connection size and material must be provided
 - x) Junction Box areas where there is a junction box with an access.
 - c) Signature as referenced on each sheet below scaled to 2.5" x 2.5"

SPECIFIC SUBMITTAL REQUIREMENTS

The following minimum plan sheets and documents, meeting the requirements that follow, comprise a typical construction plan submittal. Each typical sheet type may require multiple sheets – refer to pre-application form.

- 1) Title/Cover Sheet
- 2) Overall Site Plan
- 3) Utility Plan
- 4) Grading Plan
- 5) Landscaping Plans
- 6) Details

7) Additional Sheets, as necessary

The list above applies to commercial and residential subdivisions that do not include road construction, and to redevelopment projects. The following additional sheets are required when development includes the construction of roads and/or non-residential development:

- 8) Existing Conditions/Demolition Plan
- 9) Erosion Control Plan
- 10) Storm Drain Plan and Profile(s)
- 11) Drainage Area map
- 12) Stormwater Management Plan (SCM plan/profile/cross sections/details)
- 13) Road Plan & Profile
- 14) Water Plan & Profiles

Last Updated: 08.29.2024

15) Sewer Plan & Profiles

16) Lighting Plan

17) Additional Sheets, as necessary

18) High density project submittals must also include a Stormwater Impact Statement.

Requirements to be included on every sheet aside from the Title/Cover Sheet

- 1) North arrow with horizontal and vertical datum.
- 2) All public rights-of-way and easements are shown and dimensioned.
- 3) All lot lines, setback and buffers are clearly shown and dimensioned as applicable.
- 4) Vicinity Map (Scale of 1" = 2,000')
- 5) Property Boundaries w/ Bearings & Distances
- 6) Adjoining Property Owners w/ Tax Pin Numbers & Zoning Information
- 7) Scale (Engineering), denoted graphically and numerically
- 8) Legend
- 9) Streams, Riparian Buffer Boundaries, Floodplain, and Wetlands Boundaries, where applicable
- 10) Revision Block included and must be correct and up to date for each sheet
- 11) Profiles located under the corresponding plans on the same sheet
- 12) Zoning for split parcel zoning

Sheet Specific Requirements		
Sheet Type Requirements		
Title/Cover Sheet (3+ sheets)	 Project/development name and phase (as applicable); Sheet index; Vicinity Map (Scale of 1" = 2,000'); Engineer of record including address, email, and phone number; Name of the developer and/or owner including address, email, and phone number. 	
Existing Conditions/ Demolition Plan	 Representation of the site as it exists at the time of Civil Plan application; Label structures and utilizes to remain, be demolished, or altered; Tree protection fence shown around trees to remain; Show and label all topography with a maximum of two-foot contour intervals for the development; Indicate the source of the topography information. Required Signature Block(s): A and B 	

Last Updated: 08.29.2024	nual – Chapter 3 Submittal Requirements for Civil Construction Plans
Overall Site Plan	 Existing and proposed building locations; Description and analysis of adjacent land uses, roads, topography, soils, drainage patterns, environmental constraints, features, and existing vegetation; Location, arrangement, width and dimensions of vehicular parking, width of aisles and bays, angle of parking, number of spaces, handicapped parking, and bicycle parking; Typical pavement sections and surface type; Location of existing and proposed fire hydrants; Location of existing and proposed blove ground transformers and other above ground mechanical equipment; Location and size of grease interceptor (if applicable); Location and dimension of all vehicle entrances, exits, and drives both on site and within 100 feet of the property boundary; Dimensioned street cross-sections and rights-of-way widths; Pavement, curb, and gutter construction details; Dimensioned sidewalk(s) labelled as either proposed or existing; Proposed transit improvements including but not limited to bus pull-offs and/or bus shelters; Proposed mail collection facilities (if applicable); Required buffers (or proposed alternate buffers); Refuse collection facilities (existing and proposed) or shared dumpster agreement; Construction parking; staging, storage area, and construction trailer location; Typical street cross-section/typical lot plan; Form 1 site data tables. Required Signature Block(s): A, B, and C (as needed)
Utility Plan	 Existing and proposed utilities and utility easements clearly marked and dimensioned for the full plan; Location of existing and proposed fire hydrants; CCUC or City of High Point approval for water/sewer stamps on final plans for stamping. NOTE: Do not have CCUC or City of High Point stamp your utility plans until you have received notification to go print final copies in order to avoid having to revise approved utility plans with those agencies. NOTE: All above ground mechanical equipment shall be screened per requirements of the Town of Kernersville's Unified Development Ordinance. Required Signature Block(s): A

Last Updated: 08.29.2024

· · · · · · · · · · · · · · · · · · ·	
Grading and Erosion Control Plan(s)	 NOTE: Grading and erosion control plans may be submitted as one document so long as all contents are clearly legible. Topography (2-foot contours); Cut and fill lines; Detailed drawings of infrastructure (BMP, curb inlets, infiltration systems, erosion control, etc.); Limits of disturbance; Pertinent off-site drainage features; Ground cover; Spot elevations (as necessary). Required Signature Block(s): A
Storm Drainage Plan	 Topography (2-foot contours); Existing and proposed drainage and stormwater structures and conveyances and materials (labeled as appropriate); Roof drains; Easements; Storm drainage design tables from Appendix C of Design and Construction Specifications; Open channel calculations table and formulae used, provide Manning's "N" values; Calculations and construction details for Energy Dissipaters. Required Signature Block(s): A
Drainage Area Map	 All pipes and structures shown and labeled; Drainage areas identified. Required Signature Block(s): A

	Land Development Manual –	Chapter 3 Submittal	Requirements for Civ	il Construction Plans
--	---------------------------	----------------------------	-----------------------------	-----------------------

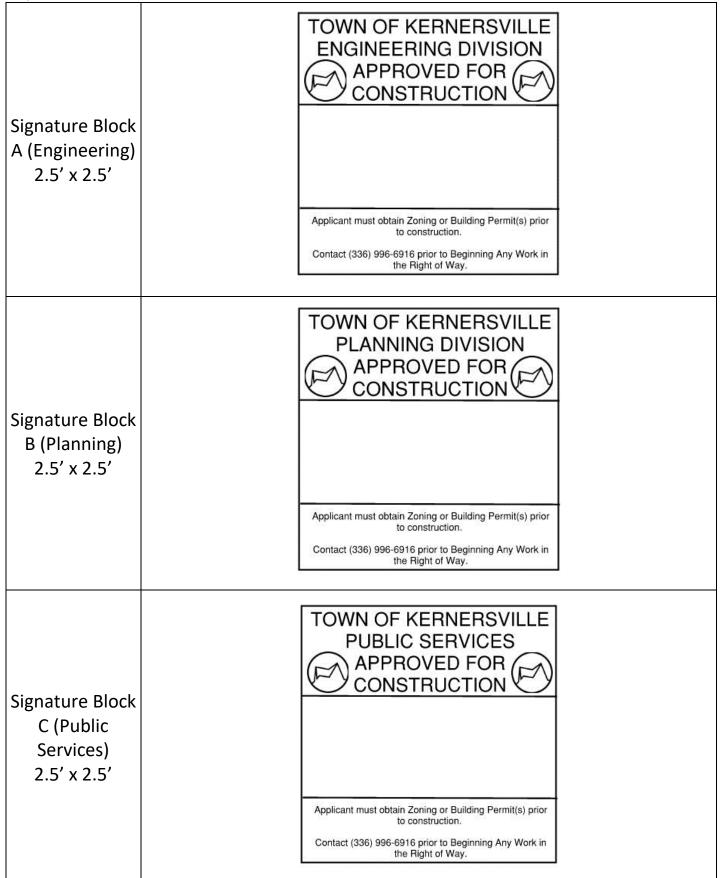
Last Updated: 08.29.2024	
Stormwater Management Plan	 Plan view of SCM, including existing/proposed contours, riser, pipes, spillway location, fencing, retaining walls, and outfall measures; Profile/cross section showing inlet/forebay, SCM, and outfall infrastructure; Risers, including rim/invert elevations, drawdown orifice size/elevations, orifice protection, foundation design, and riser steps; Draw/label water elevations for normal pool, water quality, Q1, Q10, Q25, and Q100; Trash rack detail, including access hatch location/details; Drain valve/handwheels, if applicable, should be located inside riser; All proposed SCM landscaping, special media mix details, and installation requirements; Spillway detail, including lining details, and spillway elevation; Anti-seep collars and/or filter diaphragm for any dam outfalls.
Road Plan and Profile	 Required Signature Block(s): A Plan and profile of all streets at 1" - 4' or larger horizontal and 1" - 4' vertical or large scale; Profile views should line up with and be placed directly under the corresponding plan view; ROW, easements, and sight distance triangles; Indicate functional classification and design speed; Intersection curb radii; Curb return elevations in plan view on the street and on the intersecting street; Drainage structures and conveyances; Percent grades; Tie-ins to existing street network, with patching and other necessary work shown; Horizontal and vertical curve data; Vertical alignment information (profile, curve length, grades, k-values); Sidewalks and Bicycle Paths - Construction plans are required for all public sidewalks and bicycle paths. If construction plans for any streets are required, the sidewalk may be shown adjacent to the street. If the street is already in existence, sidewalk plans must be submitted and labeled "Sidewalk Plans." Sidewalks shown on a site layout submitted for the purpose of a building permit are not sufficient. Guardrails and barricades (as necessary); Pavement marking plans and permanent signage plans; The following Utility and Drainage information shall be shown no construction plans for transportation improvements: All existing adjacent and conflicting utility and drainage features are shown in the plan view. All proposed adjacent and underlying utility and drainage features shown in plan view. All subsurface utility and drainage crossings shown in profile view. Inters, flumes, and other structures that may affect the street shown in plan view.

Last Updated: 08.29.2024

Water Plan/Sewer Plan Per CCUC or City of High Point approval for water and sewer. and Profiles Overall site plan (can be broken up into sections if covering a large area but will also require a section plan); All overhead and underground utilities shall be clearly labeled and symbolized on the plan in order to avoid conflict with landscaping; Provide an itemized list of plantings to include the following information: Associated symbology; Scientific name; Common name; Designation as swall, medium, or large (trees); Quantity required; Streetyards: Clearly dimension and label the extent of all required streetyards; Provide a table showing the square footages and percentages of pervious and impervious surface located within the streetyard; Storeetry mark and identify any walls, berms, or plantings that are to be used as screening and describe the materials to be used; Bufferyards: Clearly label and dimension required bufferyards; Clearly label and dimension required bufferyards;	ast Updated: 08.29.2024	
require a section plan); All overhead and underground utilities shall be clearly labeled and symbolized on the plan in order to avoid conflict with landscaping; Provide an itemized list of plantings to include the following information: Associated symbology; Scientific name; Common name; Designation as small, medium, or large (trees); Quantity required; Quantity required; Quantity required; Streetyards: Clearly dimension and label the extent of all required streetyards; Plans Show the radius of coverage for trees used to satisfy the requirement of having all parking located within fifty (50) feet of the trunk of a tree; Clearly mark and identify any walls, berms, or plantings that are to be used as screening and describe the materials to be used; Bufferyards: Clearly mark any existing plantings to be used to meet bufferyard requirements and provide a separate table showing they meet the requirements to be used; Clearly indicate the use of any fence, wall, or berm options as provided for in the Unified Development Ordinance;	Plan/Sewer Plan	 Per CCUC or City of High Point approval for water and sewer.
 meet or exceed the requirements of the Unified Development Ordinance. Required Signature Block(s): B 		 require a section plan); All overhead and underground utilities shall be clearly labeled and symbolized on the plan in order to avoid conflict with landscaping; Provide an itemized list of plantings to include the following information: Associated symbology; Scientific name; Common name; Designation as small, medium, or large (trees); Designation as evergreen or deciduous (trees); Quantity required; Quantity provided; Streetyards: Clearly dimension and label the extent of all required streetyards; Provide a table showing the square footages and percentages of pervious and impervious surface located within the streetyard; Show the radius of coverage for trees used to satisfy the requirement of having all parking located within fifty (50) feet of the trunk of a tree; Clearly mark and identify any walls, berms, or plantings that are to be used as screening and describe the materials to be used; Bufferyards: Clearly label and dimension required bufferyards; Clearly label and provide a separate table showing they meet the requirements and provide a separate table showing they meet the requirements to be used; Clearly indicate the use of any fence, wall, or berm options as provided for in the Unified Development Ordinance;

Last Updated: 08.29.2024	
Lighting Plan	 Overall lighting plan showing footcandles to the property line; Include all pole and building mounted light sources; Provide a table listing equipment specs for all sources; Provide pole height for each pole; Provide base height for any constructed base for a pole; Provide mounting height; Include equipment specification sheets from the manufacturer. Required Signature Block(s): B
Details	 Include miscellaneous detail sheets as necessary. Required Signature Block(s): A, B, or C as requested/appropriate.
Stormwater Impact Statement (1 sealed copy to be submitted)	 Written narrative describing existing and proposed conditions, anticipated stormwater impacts, and management structures and strategies to mitigate impacts; Description of land uses and area (in square footage); Existing and proposed impervious surface area in square feet for all subareas and project area; Ground cover and uses information; Soil information (classification, infiltration rates, depth to groundwater and bedrock); Time of concentration calculations and assumptions; Topography (2-foot contours); Pertinent on-site and off-site drainage conditions; Upstream and/or downstream volumes; Discharges and velocities; Backwater elevations and effects on existing drainage conveyance facilities; Location of jurisdictional wetlands and regulatory FEMA Special Flood Hazard Areas; Water quality volume calculations; Drainage areas and sub-areas delineated; Peak discharge calculations and rates (1,2, and 25-year storms); Hydrographs for pre- and post-development without mitigation, post-development with mitigation; Volume calculations and documentation of retention for 2-year storm; 85% TSS removal for post development stormwater run-off.

Last Updated: 08.29.2024



B. Civil Construction Plan Requirements without Road Construction

PROJECT INFORMATION: (Filled out in OpenGov)

- Project Name
- Subdivision
- Project Description
- Property Owner Address
- Property Owner Phone #
- Engineer Name
- Engineer Phone #
- Landscape Architect Name
- Landscape Architect Phone #

- Project Type
- PIN(s) of Affected Properties
- Property Owner Name
- Property Owner City, State, Zip
- Property Owner Email
- Engineer Firm
- Engineer Email
- Landscape Architect Firm
- Landscape Architect Email

General Submittal Requirements

Initial Plan Set

- 1) 1 full-size hard copy folded to 9"x12".
- All drawings in a set of construction plans to be scaled to a 24" x 36" sheet. This size shall be uniform throughout the submittal.
- 3) Plans shall be marked as "For Review Only" at this stage.
- 4) A watershed application will need to be uploaded with the initial submittal (digital copy only).
- 5) Upload to portal using standardized file naming using the following formats:
 - a) Civil Plans: Project Name + Civil Plan Set + Submittal/Revision+ Date of Upload (yyyymmdd) [Example: HarmonPark_Civil Plan Set_Submittal_20240129]
 - b) Other Documents(s): Project Name + Submittal Type + Submittal/Revision + Date of Upload (yyymmdd) [Example: HarmonPark_WatershedApplication_Revision_20240129]

Each Subsequent Resubmittal

- 1) Resubmittals shall be required in both digital and hard copy form:
 - a) 1 full-size hard copy folded to 9"x12"
 - b) Digital copy to be uploaded to OpenGov Portal using standardized file name.
- 2) Plans shall be marked as "For Review Only" at this stage
- 3) Response to comment letter shall be required or the resubmittal will be deemed incomplete.

ast	Updat	ted: 08.29.2024	
	Appr	oved Plan Set	
1)	1) Upon approval of construction drawings three (3) full size sets [two (2) sets if no work is proposed in current		
	or	future right-of-way] shall be submitted to the town for signature and stamping.	
	a)	Each page shall be signed, sealed and dated by a NC Registered Professional Engineer and/or Architect.	
	b)	Plans shall be marked as "For Construction"	
2)	Τw	o CAD (.dwg) files shall be submitted	
	a)	File 1 shall include a site plan sheet with all relevant layers;	
	b)	File 2 shall include specific layers labeled as they are below:	
		i) Parcel Boundary	
		ii) Building footprints	
		iii) Impervious – total impervious surface in one layer	
		iv) STW_Easements – stormwater easements	
		v) STW_Conveyance – Swales or any other designed stormwater conveyance that brings rain water to	
		the pond	
		vi) Inlet – type needs to be provided	
		vii) Outlet – type needs to be provided	
	viii) SCM – Stormwater control measures footprint		
		ix) Stormwater_Connection - size and material must be provided	
		x) Junction_Box – areas where there is a junction box with an access.	
	c)	Signature as referenced on each sheet below scaled to 2.5" x 2.5"	
S	PEC	IFIC SUBMITTAL REQUIREMENTS	
	he fo	ollowing minimum plan sheets and documents, meeting the requirements that follow, comprise a typical	
C		ruction plan submittal. Each typical sheet type may require multiple sheets – refer to pre-application form.	
1)	Tit	le/Cover Sheet	
2)	Ov	erall Site Plan	
3)	3) Utility Plan		

- 4) Grading Plan
- 5) Landscaping Plans
- 6) Details
- 7) Additional sheets as required

Land Development Manual – Chapter 3 Submittal Requirements for Civil Construction Plans Last Updated: 08.29.2024

Requirements to be included on every sheet aside from the Title/Cover Sheet

- 1) North arrow with horizontal and vertical datum.
- 2) All public rights-of-way and easements are shown and dimensioned.
- 3) All lot lines, setback and buffers are clearly shown and dimensioned as applicable.
- 4) Vicinity Map (Scale of 1" = 2,000')
- 5) Property Boundaries w/ Bearings & Distances
- 6) Adjoining Property Owners w/ Tax Pin Numbers & Zoning Information
- 7) Scale (Engineering), denoted graphically and numerically
- 8) Legend
- 9) Streams, Riparian Buffer Boundaries, Floodplain, and Wetlands Boundaries, where applicable
- 10) Revision Block included and must be correct and up to date for each sheet
- 11) Profiles located under the corresponding plans on the same sheet
- 12) Zoning for split parcel zoning

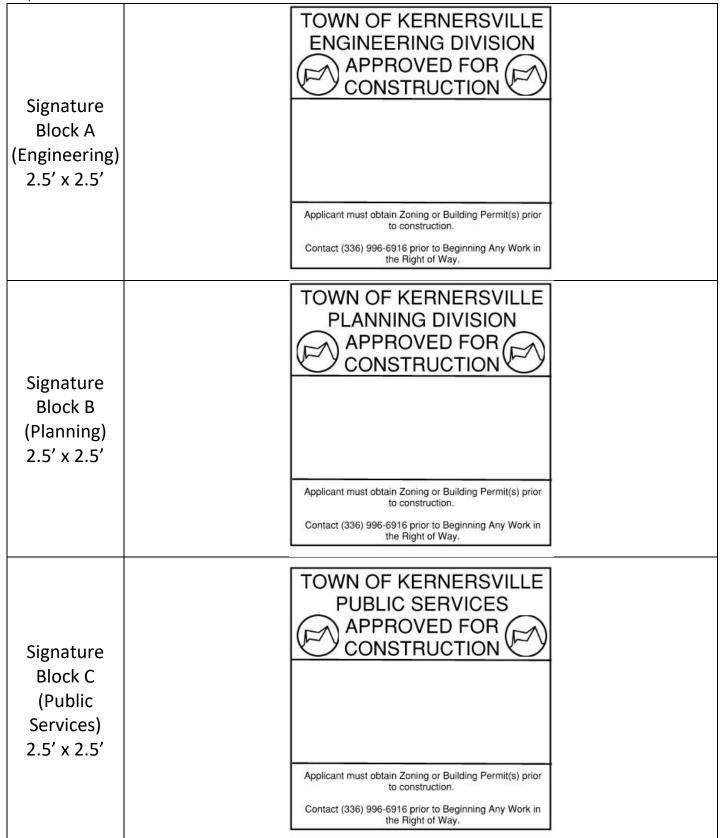
Sheet Specific Requirements

Sheet Type	Requirements
Title/Cover Sheet (3+ sheets)	 Project/development name and phase (as applicable); Sheet index; Vicinity Map (Scale of 1" = 2,000'); Engineer of record including address, email, and phone number; Name of the developer and/or owner including address, email, and phone number.
Overall Site Plan	 Existing and proposed building locations; Description and analysis of adjacent land uses, roads, topography, soils, drainage patterns, environmental constraints, features, and existing vegetation; Location, arrangement, width and dimensions of vehicular parking, width of aisles and bays, angle of parking, number of spaces, handicapped parking, and bicycle parking; Typical pavement sections and surface type; Location of existing and proposed fire hydrants; Location of existing and proposed above ground transformers and other above ground mechanical equipment;

 Location and size of grease interceptor (if applicable); Location and dimension of all vehicle entrances, exits, and drives both on site and within 100 feet of the property boundary; Dimensioned street cross-sections and rights-of-way widths; Pavement, curb, and gutter construction details; Dimensioned sidewalk(s) labelled as either proposed or existing; Proposed transit improvements including but not limited to bus pull-offs and/or bus shelters; Proposed mail collection facilities (if applicable); Required buffers (or proposed alternate buffers); Required recreation area/open space and clear delineation between the two (including written statement of recreation plans); Refuse collection facilities (existing and proposed) or shared dumpster agreement; Construction parking; staging, storage area, and construction trailer location; Typical street cross-section/typical lot plan; Form 1 site data tables. Required Signature Block(s): A, B, and C (as required)
 Existing and proposed utilities and utility easements clearly marked and dimensioned for the full plan; Location of existing and proposed fire hydrants; CCUC or City of High Point approval for water/sewer stamps on final plans for stamping. NOTE: Do not have CCUC or City of High Point stamp your utility plans until you have received notification to go print final copies in order to avoid having to revise approved utility plans with those agencies. NOTE: All above ground mechanical equipment shall be screened per requirements of the Town of Kernersville's Unified Development Ordinance. Required Signature Block(s): A
 NOTE: Grading and erosion control plans may be submitted as one document so long as all contents are clearly legible. Topography (2-foot contours); Cut and fill lines; Detailed drawings of infrastructure (BMP, curb inlets, infiltration systems, erosion control, etc.); Limits of disturbance; Pertinent off-site drainage features; Ground cover; Spot elevations (as necessary). Required Signature Block(s): A

Last Updated: 08.29.2024	
	 Overall site plan (can be broken up into sections if covering a large area but will also require a section plan); All overhead and underground utilities shall be clearly labeled and symbolized on the plan in order to avoid conflict with landscaping;
Landscaping Plans	 Provide an itemized list of plantings to include the following information: Associated symbology; Scientific name; Common name; Designation as small, medium, or large (trees); Designation as evergreen or deciduous (trees); Quantity required; Quantity provided; Streetyards: Clearly dimension and label the extent of all required streetyards; Provide a table showing the square footages and percentages of pervious and impervious surface located within the streetyard; Show the radius of coverage for trees used to satisfy the requirement of having all parking located within fifty (50) feet of the trunk of a tree; Clearly mark and identify any walls, berms, or plantings that are to be used as screening and describe the materials to be used; Bufferyards:
	 Clearly label and dimension required bufferyards; Clearly mark any existing plantings to be used to meet bufferyard requirements and provide a separate table showing they meet the requirements to be used; Clearly indicate the use of any fence, wall, or berm options as provided for in the Unified Development Ordinance; Include a sheet for reference regarding installation requirements and details that meet or exceed the requirements of the Unified Development Ordinance. Required Signature Block(s): B
Details	 Include miscellaneous detail sheets as necessary. Required Signature Block(s): A, B, or C as required/appropriate.

Last Updated: 08.29.2024

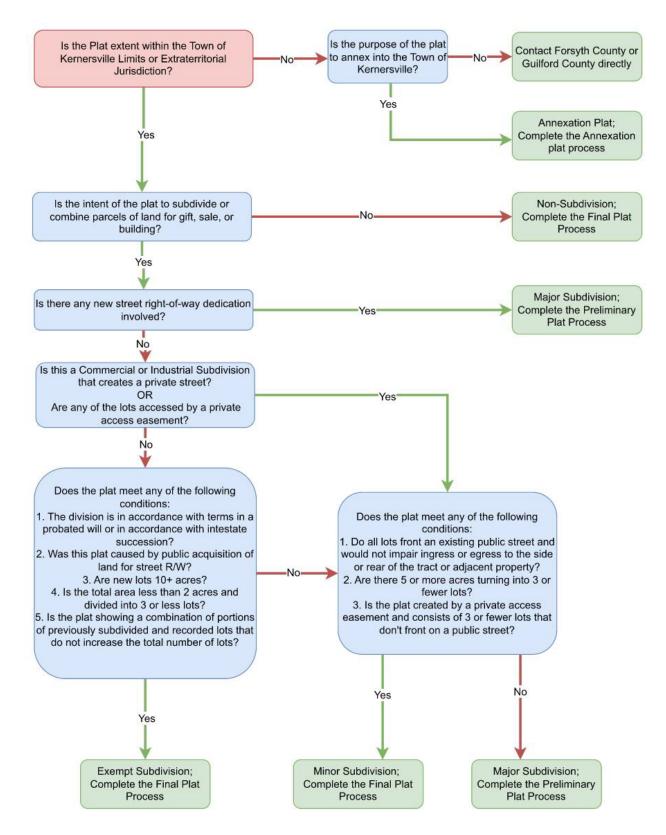


Chapter 4 Submittal Requirements for Plats

Last Updated: 08.29.2024

A. Plat Definitions

Major, Minor, Preliminary, Exempt, Easement, and Annexation Plats



Land Development Manual – Chapter 4 Submittal Requirements for Plats

Last Updated: 08.29.2024

1. Subdivision Plats

- Exempt Plats Subdivision regulations shall be applicable to all divisions of a tract or parcel of land into two or more lots, building sites, or other divisions when any one or more of those divisions is created for the purpose of sale or building development (whether immediate or future) and shall include all divisions of land involving the dedication of a new street or a change in existing streets; but the following shall not be included within this definition nor be subject to the regulations:
 - a. The combination or recombination of portions of previously platted lots where the total number of lots is not increased and the resultant lots are equal to or exceed the standards of the municipality as shown in its subdivision regulations.
 - b. The division of land into parcels greater than 10 acres where no street right-of-way dedication is involved
 - c. The public acquisition by purchase or condemnation of strips of land for the widening or opening of streets and for public transportation system corridors.
 - i. For easement and right-of-way dedication please use the Town of Kernersville Easement Plat Checklist.
 - d. The division of a parcel of land by a new boundary line coterminous with a public street right-of-way line in circumstances where the street prevents the use of the parcels one lot, so long as the boundaries of the parcel that are not on or within the street right-of-way are not changed.
 - e. The division of a tract in single ownership, the entire area of which is no greater than 2 acres, into not more than 3 lots where no street right-of-way dedication is involved and where the resultant lots are equal to or exceed the municipality's standards.
 - f. The division is in accordance with terms in a probated will or in accordance with inestate succession under Chapter 29 of the General statutes.
- Minor Plats A minor subdivision shall mean all divisions of a tract or parcel of land into two (2) or more lots, building sites, or other divisions when any one or more of those divisions is created for the purpose of a gift, sale, or building development, whether immediate or future. All lots in a minor subdivision must comply with the lot size and area requirements of the Ordinance or any other applicable local or State land regulatory ordinances and meet any one of the following criteria:
 - a. Is a division of land where the entire area is greater than five (5) acres into not more than a total of three (3) lots resulting from the division, where no street right-of-way dedication is involved (see exception for industrial and commercial subdivisions in Section 10.6 of this Article Industrial and Commercial Subdivisions;
 - b. Is created by a private access easement established in compliance with Article 3 Section 3.1.6.C.2 and consists of no more than a total of three (3) lots per tract which do not front on a public street (see exception for industrial and commercial subdivisions in Section 10.6 of this Article Commercial and Industrial Subdivisions); or,
 - c. Is created by lots all of which front on an existing public street, provided that the subdivision would not impair ingress and egress to or from the rear or side of the subject tract or any adjacent property. All lots which front on a public street shall not be included in the provisions of Section 10.3.1 B.
- Major Plats A major subdivision of land whether in single or multiple ownership shall mean all divisions of a tract or parcel of land into three (3) or more lots, building sites, or other divisions

Land Development Manual – Chapter 4 Submittal Requirements for Plats

Last Updated: 08.29.2024

when any one or more of those divisions is created for the purpose of a gift, sale, or building development, whether immediate or future and shall include all divisions of land involving the construction and dedication of a new public street or change in existing public streets. All lots must comply with the size and area requirements of the Ordinance or any other applicable local or state land regulatory ordinances.

a. Major Plats must be approved by the Board of Alderman as a Preliminary Plat before a Final Plat can be approved for recording.

2. Non-Subdivision Plats

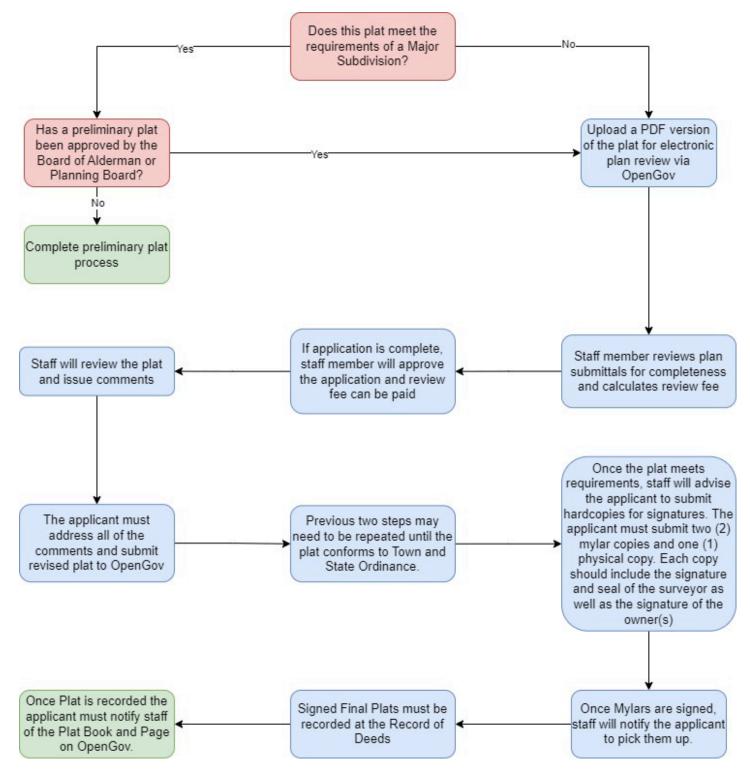
- Annexation Plats Annexation plats are submitted along with an annexation petition to show the extent of the parcel(s) being annexed by the Town.
- Easement Plats Easement plats are only intended to record or visualize the location of easements and do not show any division or combination of tracts of land.

Land Development Manual – Chapter 4 Submittal Requirements for Plats Last Updated: 08.29.2024

B. Final Plats

Major, Minor, Exempt, and Easement Plats

1. Process



Last Updated: 08.29.2024

2. Submittal Checklist

Plat Type	Parcel ID (PIN)
 Exempt Plat, Major Subdivision, or Minor Subdivision 	Provide the PIN for all affected properties
Description	
• Provide a summary of the plats purpose and scope	
Street Address, if applicable	Existing Zoning District(s)
 Please provide the street address for all affected buildings if available 	 Provide all of the current zoning districts for affected areas
Acreage in Common Space Lots	Total Number of Lots
Total Acreage in Lots	
 Total Acreage in Lots Are the propose lots on sanitary sewer or private septic APPLICATION REQUIREMENTS 1. Digital Copy of Plat – Marginal size of either 18" x 2 sides, landscape format must have 1.5-inch border border on the top side. 	4", 21" x 30", or 24" x 36", 0.5-inch border on all
Are the propose lots on sanitary sewer or private septic APPLICATION REQUIREMENTS 1. Digital Copy of Plat – Marginal size of either 18" x 2 sides, landscape format must have 1.5-inch border	4", 21" x 30", or 24" x 36", 0.5-inch border on all on left side, portrait format must have 1.5-inch by calling (336) 992-0605, or in-person by check.
 Are the propose lots on sanitary sewer or private septic APPLICATION REQUIREMENTS 1. Digital Copy of Plat – Marginal size of either 18" x 2 sides, landscape format must have 1.5-inch border border on the top side. 2. Payment - Fees can be paid online, over the phone Checks should be made payable to the Town of Kerne at the time of payment. Review will not proceed until fees have been paid. 	4", 21" x 30", or 24" x 36", 0.5-inch border on all on left side, portrait format must have 1.5-inch by calling (336) 992-0605, or in-person by check.
 Are the propose lots on sanitary sewer or private septic APPLICATION REQUIREMENTS 1. Digital Copy of Plat – Marginal size of either 18" x 2 sides, landscape format must have 1.5-inch border border on the top side. 2. Payment - Fees can be paid online, over the phone Checks should be made payable to the Town of Kerne at the time of payment. Review will not proceed until fees have been paid. 3. See checklist below for Plat Requirements 	4", 21" x 30", or 24" x 36", 0.5-inch border on all on left side, portrait format must have 1.5-inch by calling (336) 992-0605, or in-person by check. ersville. Please provide the project name and code
 Are the propose lots on sanitary sewer or private septic APPLICATION REQUIREMENTS 1. Digital Copy of Plat – Marginal size of either 18" x 2 sides, landscape format must have 1.5-inch border border on the top side. 2. Payment - Fees can be paid online, over the phone Checks should be made payable to the Town of Kerne at the time of payment. Review will not proceed until fees have been paid. 3. See checklist below for Plat Requirements 	4", 21" x 30", or 24" x 36", 0.5-inch border on all on left side, portrait format must have 1.5-inch by calling (336) 992-0605, or in-person by check. ersville. Please provide the project name and code ester film (mylar)

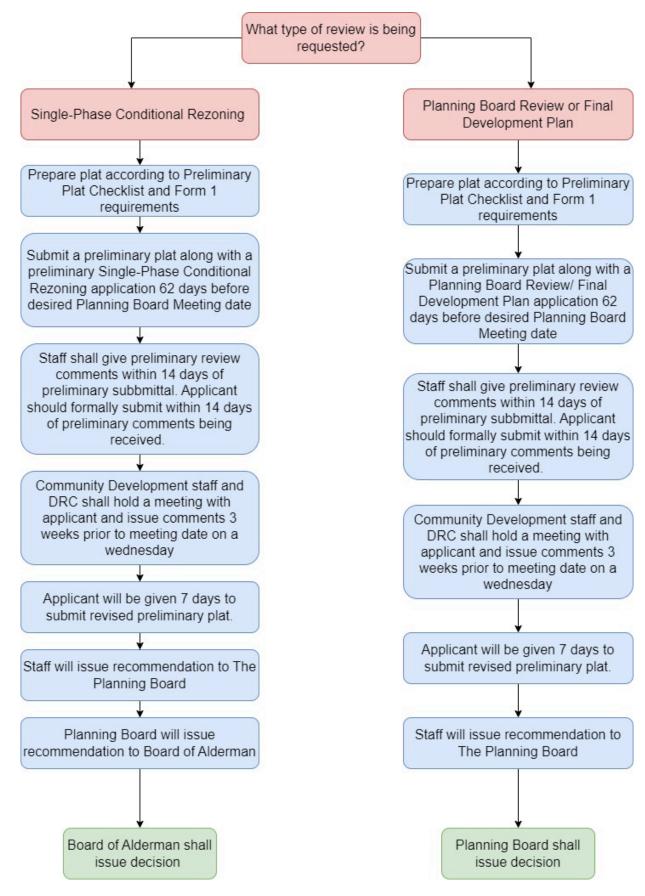
La	ast Updated: 08.29.2024	
	CHECKLIST IT	entain the following elements and information:
	Title Block, in lower right-hand corner	 Project name The purpose of the plat. The following statements are some examples of the purpose of this plat is to (state exception to the definition of a subdivision when applicable). All parcels shown are included in an estate which has not been described by deed or plat, and no new roads are involved. The purpose of this plat is to show a utility easement only, and no new property boundary is shown. The purpose of this plat is to show a parcel of land, said parcel being the remainder of a larger tract and said parcel having been created by the acquisition of a part of the larger tract for a public purpose by a governmental agency. The purpose of this map is to show a parcel of land and a building or buildings located upon said parcel and each building contains one (1) or more condominium units for sale in accordance with State law. Project Address PIN number for all effected parcels Township name, County name, North Carolina Date (original submittal and all revisions) Page number of total pages, if applicable Contact information of revisions made after original signing Scale in words or figures and bar graph
	Plat Information	 Location Map at a scale not smaller than one inch represents two thousand (2,000) feet (1" to 2,000'), indicating the location of the site and showing the intersection of at least two (2) public streets nearest to the property and a north arrow. Certificates, Refer to "Signature Block" section. All applicable blocks should be on the face of the plat. Legend on perimeter of plat showing all general symbology used in the plat. General notes should be provided on perimeter of plat. This should be used to convey information for the whole site. Public/private water and sewer systems to be used

Last Updated: 08.29.2024	4
Existing And Proposed Conditions	 Street addresses on the face of their respective lot or building footprint. Existing and proposed property boundaries with metes and bounds, Property Identification Numbers of property and adjacent properties, all applicable property owners, and zoning base of all properties. Proposed lot sizes. Show and label existing and proposed open space or common areas. Show and label proposed public recreation land and greenways (including to whom it is dedicated). Easements (Sight Triangle, Utility (Public or Private), Access, Negative Access, etc.) Existing and proposed utility and storm drainage easements. Topography at no greater than four (4) foot intervals when available distinction between existing and proposed topography lines to be shown according to the following: existing-light dashed lines; proposed - thin solid lines) Water features (name and location), Stream buffers, Floodplains, drainage ways, wetlands and wetland buffers with setbacks. Constructed Features Rights-of-way and access easements with type and widths indicated and an indication of whether public or private. Private and public drives including pavement widths, names and an indication of whether public or private. All major public serving utility lines visible on the site including water, sewer, power, telephone, gas, cable, or any other public utility Septic tanks, drain fields, wells, hydrants, water meters, etc. Cuiverts (other subsurface features) Fire hydrants within 500 feet of the site Rairoads Cemeteries For PDR lots only: Setbacks/build-to lines labeled in a table and shown graphically For Major Subdivisions only: Label the total number of Lots/dwelling units in the current phase and all other phases, if applicable.
General Comments	 Proposed lots must meet the requirements of the respective zoning district including preliminary approvals. Existing conditions must be shown on site and within 100 feet of boundaries. If a flag lot is created it must meet the requirements set in UDO Article 3.1.6.C. Enlargements of portions of a plat are acceptable in the interest of clarity (shown as inserts). Boundaries formed by a curved line must show actual survey data from the point of curvature to the point of tangency (shown as standard curve data or as a traverse of bearing and distances around the curve). Bearings and distances must be sufficient enough to form a continuous closure of the entire perimeter. If lots are serviced by a septic tank, a Health Department improvement permit must be submitted

Land Development Manual – Chapter 4 Submittal Requirements for Plats Last Updated: 08.29.2024

C. Site Plan/ Preliminary Plats

1. Process



Last Updated: 08.29.2024

2. Submittal Checklist

CHECKLIST ITEMS	
All plats must contain th	e following elements and information:
Cover Sheet or Overall Site Plan	 Project name Project Address PIN number for all effected parcels Township name, County name, North Carolina Date (original submittal and all revisions) Page number of total pages, if applicable Contact information for owner, applicant, and all consultants Plan developer information - Firm name, address, license number, and date(s) the plan was made Scale in words or figures and bar graph Location Map at a scale not smaller than one inch represents two thousand (2,000) feet (1" to 2,000'), indicating the location of the site and showing the intersection of at least two (2) public streets nearest to the property and a north arrow.
Existing Conditions Sheet: as applicable to the area of the proposed development (on site and within 100 feet of boundaries)	 Property lines and PIN(s) of site and adjacent properties Site size, metes and bounds of property boundary, with north arrow, scale (in graphic and list format), and measurable graphic of larger site showing context of area of proposed change Stream buffers, drainage ways, wetlands, and wetland buffers with setbacks Conditions from previous approvals Demolition proposed (on this sheet or separate if existing conditions under demolition are illegible) Adjacent streets (name and ROW width, SR if NCDOT roads) and features within the right-of-way Setbacks/ build-to lines Building footprint(s) with square footage and number of stories Built improvements (loading areas, parking, driveways, alleys, streets, sidewalks, dumpsters, lighting) Septic tanks, drain fields, wells, hydrants, water meters, etc. Culverts (other subsurface features) Utility or other easements (type, size, and whether public or private) Fire hydrants within 500 feet of the site Railroads Cemeteries Open space or common areas (including easements) Topographic contours (2-foot intervals within 100 feet of developed area; 5-foot elsewhere)

Last Updated: 08.29.2024	
Proposed Conditions Sheet: <u>Site Plan</u> -all items drawn, labeled, and dimensioned	 Base information to remain (clearly distinguish between existing and proposed conditions) Setbacks/build-to lines – UDO Article 3.5, 3.6, 3.7, & 3.8 Streetyard extent, if applicable – UDO Article 5.3.4 Building footprint(s) with square footage per floor and per use(s), height, number of stories, and entries. Distances between buildings, as applicable Motor Vehicle Surface Area Requirements: – UDO Article 5.2 Driveways, stacking spaces, and parking areas (with number of spaces per bay, space size, and parking areas (with number of spaces per bay, space size, and parking areas (with number of spaces per bay, space size, and parking areas (with route to main entrance Sidewalks, walkways, and trails Loading, storage, and service areas (with required screening) – UDO Article 5.3.6 Planting beds to meet landscaping requirements – UDO Article 5.3.4 Residential landscaping locations – UDO Article 5.3.3 Solid waste handling and recycling facilities (with location of screening) – UDO Article 5.3.6 Fire lanes and access; storage areas with type of material (especially high-piled stock or storage areas) Utilities (existing and proposed) (above ground utilities to be screened, with details) Stream buffers, drainage ways, wetlands, and wetland buffers with setbacks Open space and greenways (dedicated or reserved)
Proposed Conditions Sheet: <u>Lighting Plan</u>	 Pole mounted fixture locations and details (with height labeled) Building mounted fixture locations Standard notes
Proposed Conditions Sheet: <u>Elevations</u> – if within Kernersville overlay district	 Drawings must be to scale and have a graphic scale (1 inch to 32 feet or larger) Building elevations (to show compliance with development plan design guidelines, to demonstrate compliance with UDO paragraph 7.3.1, or to show compliance with a Design District Zoning), with total building height and finish floor elevations labeled All building materials must be labeled Label frontage types for each building façade Mechanical equipment locations and screening if visible from ROW
General Comments	 Proposed lots must meet the requirements of the respective zoning district including preliminary approvals If a flag lot is created it must meet the requirements set in UDO Article 3.1.6.C Enlargements of portions of a plat are acceptable in the interest of clarity (shown as inserts) Boundaries formed by a curved line must show actual survey data from the point of curvature to the point of tangency (shown as standard curve data or as a traverse of bearing and distances around the curve). Bearings and distances must be sufficient enough to form a continuous closure of the entire perimeter.

D. Certification Blocks

REQUIRED SIGNATURE BLOCK	<pre>S</pre>
Block Title	Signature Block Information
Surveyor Certification for Subdivision	I,
Surveyor Certification for Closure	I,
County Register of Deeds Plat Registration	Filed for registration ato'clockM This theDay of, 20 and recorded in Plat BookPage Filing Fee Paid: Lynne Johnson, Register of Deeds Assistant/Deputy Forsyth OR Guilford County, North Carolina
Watershed Certification	I certify that the plat shown hereon has been approved by the board of aldermen or the watershed review committee of the Town of Kernersville and is approved for recording in the office of the register of deeds. Notice: this property is subject to stormwater and/or watershed regulations. Watershed and/or stormwater development restrictions may apply. Date Watershed Administrator Town of Kernersville, North Carolina

Last Updated: 08.29.202	24								
Owner Certif	ication	Certificate of Ownership and Dedication The undersigned hereby acknowledge that I am (we are) the owner(s) of the property shown and described hereon and that I (we) hereby adopt this plan and subdivision with my (our) free consent and upon approval by the Town of Kernersville that this plat be recorded in the office of the Register of Deeds of Forsyth OR Guilford County.							
		Owner Date							
POTENTIALLY AP	PLICABLE SIGNAT	URE BLOCKS							
Block Title	Applicable when	Signature Block Information							
Subdivision Administrator Certification	Plat meets the definition of a subdivision	the Town of Kernersville Subdivision Regulation and if applicable that a							
Exempt Plat: Subdivision Administrator	Plat is exempt from the definition of a subdivision	om the Administrator for the Town of Kernersville, certify that this Plat is Exempt from nition of a the definition of Subdivision (e.g. is a survey of existing property, recombination plat, other excention to subdivision).							
Review Officer Certification	Surveyor marks plat with one of the following: 47-30(f)(11)a 47-30(f)(11)d 47-30(f)(11)e	blat with one of the following:County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.47-30(f)(11)aReview Officer							
Public Dedication	Purpose of the plat is to dedicate land and nothing else	I (OR WE) THE UNDERSIGNED HEREBY ACKNOWLEDGE THAT I, (OR WE) AM (ARE) THE OWNER(S) OF THE PROPERTY SHOWN AND DESCRIBED HEREON AND THAT I (WE) HEREBY ADOPT THIS PLAN AND SUBDIVISION WITH MY (OUR) FREE CONSENT AND HEREBY DEDICATE FOR PUBLIC USE AS ROADS AND EASEMENTS FOREVER ALL AREAS SHOWN OR INDICATED ON SAID PLAT AND UPON APPROVAL BY THE BOARD OF ALDERMEN OF THE TOWN OF KERNERSVILLE AUTHORIZES THAT THIS PLAT BE RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS OF FORSYTH COUNTY OR GUILFORD COUNTY. Signature, Date (Print owner's name) (If corporation, print name of corporation and name and title of signer) PIN #(s)							

Last Updated: 08.29.2024

Last Updated: 08.29.202	4	
HOA Covenants, Conditions, and Restrictions	HOA is required for subdivision approval	The current and future owners of property shown on this recorded plat shall be subject to the terms and conditions of the (Homeowner's/Property Owner's) Associational Covenants, Conditions and Restrictions which are recorded in Deed Book (), Page () in the offices of the <mark>Forsyth OR Guilford</mark> County Register of Deeds.
HOA Liability	HOA is required for subdivision approval	Should the (Homeowner's/Property Owner's) Association cease to exist, or fail to provide adequate maintenance of the Association's permanent storm water control structure(s), or be dissolved, the owners of record title to any property within the Development at the time of required maintenance shall be jointly and severally liable for maintaining the required permanent storm water control structure(s) in accordance with requirements of the Town of Kernersville Watershed Protection Ordinance and the laws of the State of North Carolina.
Public Services Proposed Subdivision Road Construction Standards Certification	Land is dedicated to Town of Kernersville R/W	Town of Kernersville Public Services Certification Approved Public Services Director Date Forsyth OR Guilford County, North Carolina
NCDOT Proposed Subdivision Road Construction Standards Certification	Land is dedicated to NCDOT R/W	NCDOT Certification Approved District Engineer This the Day of, 20 Forsyth OR Guilford County, North Carolina
Engineer/ Architects Condo Certification	Conformance to Condominium act is required	The undersigned, being duly shown, hereby certifies that 1) he or she is a registered engineer/architect licensed under the provisions of Chapter 89C of the General Statutes of the State of North Carolina, 2) the plans prepared by the undersigned to which this certificate is attached and collectively contain all of the information required under Section 47C-2-109 of the North Carolina Condominium Act, 3) said plans fully and accurately depict the layout, location, floor ceiling elevations, unit numbers, and dimensions of the units, as built. Signed License No Date

Chapter 5 Submittal Calendars

Last Updated: 04.03.2024

Submittal Calendars for applications that require Board review and/or approval are updated annually by the Community Development Director.

A. Planning Board Submittal Calendar

PLANNING BOARD 2024 CASE SUBMITTAL CALENDAR ** NEW FOR 2024: ALL SUBMITTALS ARE DUE BY 12:00 PM. <u>NO EXCEPTIONS</u> . **													
	DEC 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	MAY 2024	JUNE 2024	JULY 2024	AUG 2024	SEPT 2024	OCT 2024	NOV 2024	DEC 2024
SITE PLAN PRE-REVIEW	Oct. 30, 2023	Dec. 4, 2023	*Jan. 1, 2024	Jan. 29, 2024	March 4, 2024	April 1, 2024	April 29, 2024	June 3, 2024	July 1, 2024	Aug. 5, 2024	*Sept. 2, 2024	Sept. 30, 2024	Nov. 4, 2024
PLANNING BOARD - PETITION DEADLINE	Nov. 27, 2023	*Jan. 1, 2024	Jan. 29, 2024	Feb. 26, 2024	April 1, 2024	April 29, 2024	*May 27, 2024	July 1, 2024	July 29, 2024	*Sept. 2, 2024	Sept. 30, 2024	Oct. 28, 2024	Dec. 2, 2024
DRC MEETING (SITE PLAN REVIEW)	Dec. 13, 2023	Jan. 17, 2024	Feb. 14, 2024	March 13, 2024	April 17, 2024	May 15, 2024	June 12, 2024	July 17, 2024	Aug. 14, 2024	Sept. 18, 2024	Oct. 16, 2024	Nov. 13, 2024	Dec. 18, 2024
SIGN POSTING - PLANNING BOARD	Dec. 22, 2023	Jan. 26, 2024	Feb. 23, 2024	March 22, 2024	April 26, 2024	May 24, 2024	June 21, 2024	July 26, 2024	Aug. 23, 2024	Sept. 27, 2024	Oct. 25, 2024	Nov. 22, 2024	Dec. 27, 2024
PLANNING BOARD - LEGAL AD PUBLISHED	Dec. 26, 2023 (Dec. 21)	Jan. 30, 2024 (Jan. 25)	Feb. 27, 2024 (Feb. 22)	March 26, 2024 (March 21)	April 30, 2024 (April 25)	May 28, 2024 (May 24)	June 25, 2024 (June 20)	July 30, 2024 (July 25)	Aug. 27, 2024 (Aug. 22)	Oct. 1, 2024 (Sept. 26)	Oct. 29, 2024 (Oct. 24)	Nov. 26, 2024 (Nov. 21)	Dec. 31, 2024 (*Dec. 26)
PLANNING BOARD MEETING	Jan. 8, 2024	Feb. 12, 2024	March 11, 2024	April 8, 2024	May 13, 2024	June 10, 2024	July 8, 2024	Aug. 12, 2024	Annual Meeting Sept. 9, 2024	Oct. 14, 2024	*Nov. 11, 2024	Dec. 9, 2024	Jan. 13, 2025
BOARD OF ALDERMEN MEETING	Feb. 6, 2024	March 6, 2024	April 2, 2024	May 7, 2024	June 4, 2024	July 9, 2024	Aug. 7, 2024	Sept. 3, 2024	Oct. 1, 2024	Nov. 12, 2024	Dec. 3, 2024	<u>Tentativ</u> Jan. 7, 2025	<u>e Dates</u> Feb. 4, 2025
* Hollday - Date May Chan	ge .			ANNE	ATION 2	024 SUB	MITTAL C		R				
ANNEXATION PETITION	Oct. 30, 2023	Dec. 4, 2023	*Jan. 1, 2024	Jan. 29, 2024	March 4, 2024	April 1, 2024	April 29, 2024	June 3, 2024	July 1, 2024	Aug. 5, 2024	*Sept. 2, 2024	Sept. 30, 2024	Nov. 4, 2024
BOARD OF ALDERMEN MEETING FOR CONSIDERATION	Jan. 3, 2024	Feb. 6, 2024	March 6, 2024	April 2, 2024	May 7, 2024	June 4, 2024	July 9, 2024	Aug. 7, 2024	Sept. 3, 2024	Oct. 1, 2024	Nov. 12, 2024	Dec. 3. 2024	Tentative Date Jan. 7, 2025
BOARD OF ALDERMEN MEETING FOR RESOLUTION	Feb. 6, 2024	March 6, 2024		May 7, 2024	June 4, 2024	July 9, 2024	Aug. 7, 2024	Sept. 3, 2024	Oct. 1, 2024	Nov. 12, 2024		<u>Tentativ</u> Jan. 7, 2025	

			2024 B	OARD O	ADJUS	TMENT	SUBMITTAL	CALEN	DAR				
	DEC	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	ост	NOV	DEC
	2023	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024
BOARD OF ADJUSTMENT PETITION DEADLINE	Dec. 1, 2023	Dec. 29, 2023	Feb. 2, 2024	March 1, 2024	March 29, 2024	May 3, 2024	May 31, 2024	June 28, 2024	Aug. 2, 2024	Aug. 30, 2024	Oct. 4, 2024	Nov. 1, 2024	Nov. 29, 2024
SIGN POSTING - BOARD OF ADJUSTMENT	Dec. 8, 2023	Jan. 5, 2024	Feb. 9, 2024	March 8, 2024	April 5, 2024	May 10, 2024	June 7, 2024	July 5, 2024	Aug. 9, 2024	Sept. 6, 2024	Oct. 11, 2024	Nov. 8, 2024	Dec. 6, 2024
ADJACENT PROPERTY OWNER MAILING	Dec. 15, 2023	Jan. 12, 2024	Feb. 16, 2024	March 15, 2024	April 12, 2024	May 17, 2024	June 14, 2024	July 12, 2024	Aug. 16, 2024	Sept. 13, 2024	Oct. 18, 2024	Nov. 15, 2024	Dec. 13, 2024
BOARD OF ADJUSTMENT MEETING	Dec. 25, 2023	Jan. 22, 2024	Feb. 26, 2024	March 25, 2024	April 22, 2024	May 27, 2024	(Annual Meeting) June 24, 2024	July 22, 2024	Aug. 26, 2024	Sept. 23, 2024	Oct. 28, 2024	Nov. 25, 2024	Dec. 23, 2024
2024 OI	served Town	Holidays											
New Year's Day	Monday, Janua	ry 1, 2024											
Martin Luther King Day	Monday, Janua	ry 15, 2024											
Good Friday (Easter)	Friday, March 2	29, 2024											
Memorial Day	Monday, May 2	7, 2024											
Independence Day	Thursday, July	4, 2024											
Labor Day	Monday, Septe	mber 2, 2024											
Veterans Day	Monday, Noven	nber 11, 2024											
Thanksgiving	Thursday & Frid	day, Novembe	r 28 & 29, 20	024									
Christmas	Tuesday, Wedr	nesday & Thu	rsday, Decer	nber 24, 25 & 2	26, 2024								
Petition Deadline	24 Calendar Da	avs prior to m	neeting										
Sign Posting Deadline	15 Calendar Da												
Adj Property Mailing	10 Calendar Da												
Meeting	4th Monday in												

B. Board of Adjustment Submittal Calendar