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



Table of Contents

Introd	uction	3
Chapte	er 1 Design Guidelines	4
Chapte	er 2 Submittal Requirements for Board-Approved Site Plan	s13
A.	Requirements Applicable to all Board-Approved Site Plan	
В.	Table of Requirements for Particular Types of Site Plans.	15
C.	Form 1 Submittal Requirements	15
D.	Form 2 Submittal Requirements	16
Е.	Form 3 Submittal Requirements (for a single manufacture home on one and one-half (1.5) acres or less)	
Chapte	er 3 Submittal Requirements for Civil Construction Plans	18
A.	Civil Construction Plan Requirements with Road Construction	18
В.	Civil Construction Plan Requirements without Road Construction	27
Chapte	er 4 Submittal Requirements for Plats	33
A.	Plat Definitions	33
В.	Final Plats	36
C.	Site Plan/ Preliminary Plats	40
D.	Certification Blocks	43
Chapte	er 5 Submittal Calendars	46
A.	Planning Board Submittal Calendar	46
В.	Board of Adjustment Submittal Calendar	47

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: https://toknc.com/community-development

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.

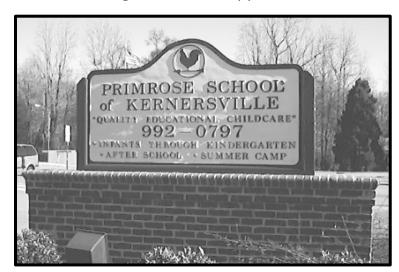
Chapter 1 Design Guidelines

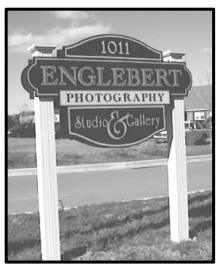
Last Updated: 8.29.2024

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

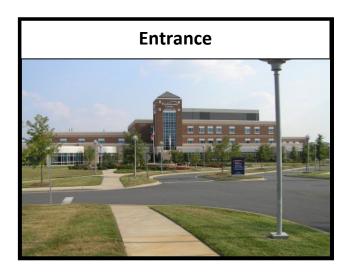


Example of a knockout

Example of fuel pumps located to



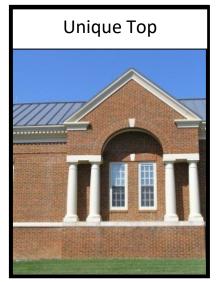
2. Design Examples for MBP Medical Business Park District – façade compositions



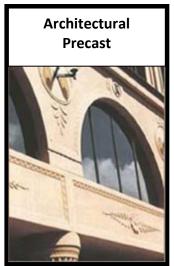














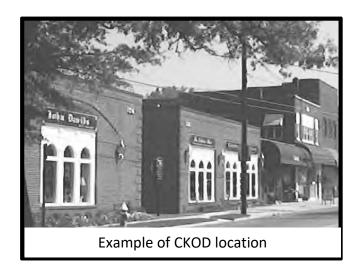


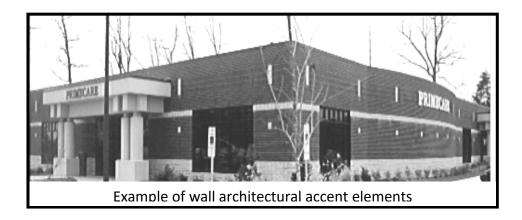


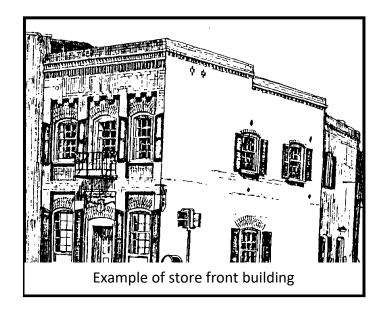




3. Design Guidelines for the Central Kernersville Overlay District (CKOD).









TYPICAL UPPER FACADES



Early to Mid 1800s

- · SIMPLE CORNICE
- · LINTELS OVER WINDOWS · SMALL WINDOW PANES



Mid to Late 1800s

- BOLDLY DECORATED
 CORNICE
 WINDOW HOODS
 OVER 2 WINDOWS



Late 1800s to Early 1900s

- · CORBELLED BRICK CORNICE
- · LARGE, ARCHED KINDOWS



Early 1900s to 1930s

- · SIMPLE BAICK CONNICE · LARGE WINDOW OPENINGS WITH MULTIPLE UNITS











TYPICAL STOREFRONTS

- Early to Mid 1800s
- · POST AND BEAM FRAME · DIVIDED DISPLAY WINDOWS · SIMPLE DECORATION

Mid to Late 1800s

- ·BOLDLY DECORATED CORNICE
- · CAST IRON COLLIMNS
- · LARGE DISPLAY WINDOWS

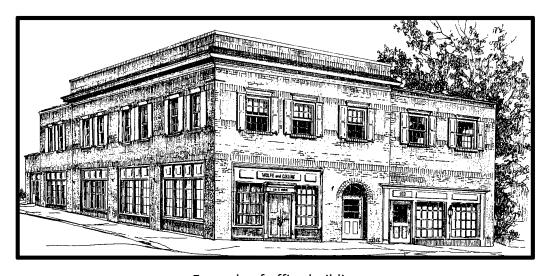
Late 1800s to Early 1900s

- ·SIMPLE CORNICE ·TRANSOM WINDOWS ·RECESSED ENTRANCE

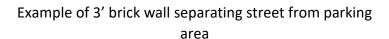
Early 1900s to 1930s

- METAL WINDOW FRAMES
 STRUCTURAL GLASS
 RECESSED ENTRANCE

Elements of building design



Example of office building





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



Example of a stucco façade building



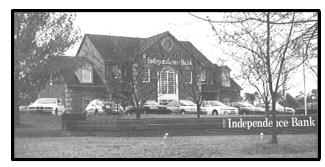
Example of a vinyl façade building



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

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





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 Nyssa sylvatica Black Gum Littleleaf Linden Tilia cordata Quercus alba White Oak Japanese Scholartree Sophora japonicum Gingko Gingko biloba Quercus robur **English Oak**

Japanese KatsuratreeCercidiphyllum japonicumSchumard OakQuercus schumardiChinese ElmUlnus parviflora

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

Bradford Pear Ps calleryana "Bradford"

Mountain Silverbell Halesia monticola
Sourwood Oxydendrum arboreum

Thornless Honeylocust Gleditsia triacanthos "Inermis"

Eastern Redbud

Cercis canadensis

Mountain Ash

Yoshino Cherry

Prunus yedoensis

Golden-Rain-Tree

Koelreutreria nani

Golden-Rain-Tree Koelreutreria paniculata
Saucer Magnolia Magnolia soulangeana
Weeping Cherry Prunus subhirtilla pendula
Kwansan Cherry Prunus serrucata "Kwansan"

Yellowood Cladastris lutea
Ironwood Carpinus carolineana
Pistachio Pistachia chinensis

Redmond Linden Tilia americana "Redmond"

American Holly 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.)

Acer palmatum
Cornus kousa
Cornus florida
Cotinus coggyria
Lagerstroemia indica
Malus hybrida (var.)

Amur Maple Acer ginnala

Russian Olive Eleaegnus angustifolia

Land Development Manual - Chapter 1 Design Guidelines

Last Updated: 8.29.2024

Wax Myrtle *Myrica Cerifer*Star Magnolia *Magnolia stellate*

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

a. Evergreen.

Warty Barberry Berberis verruculosa

Dwarf Burford Holly Ilex cornuta "Burfordii" nana

Japanese Holly (var.)

Ilex crenata (var.)

Azalea (var.)

Mugo Pine

Pinus mugo

Juniper (var.)

Euonymous (var.)

Azalea sp.

Pinus mugo

Juniperus sp.

Euonymous sp.

Leatherleaf Viburnum rhytidophyllum Viburnum rhytidophyllum

b. Deciduous.

Forsythia sp.

Dwarf Burning Bush Euonymous alatus "Compacta"

Thunberg Spirea Spirea thunbergi Viburnum (var.) Viburnum sp.

Oakleaf Hydrangea Hydrangea quercifolia
Japanese Flowering Quince Chaenomeles japonic
Potentilla Potentilla fruticose

c. Ornamental Grass Varieties

Oregonholly Grape

Nandina

Nandina domestica

Dwarf Nandina

Nandina domestica nana

5. Outdoor Storage area Screening Plants (installation height: six (6) feet):

American Holly Ilex opaca

Burfora Holly Ilex cornuta "Burfordii"
Nellie Stevens Holly Ilex cornuta "Nellie Stevens"

Red Tip Photinia Photinia glabra
Wax Myrtle Myrica cerifera
Hetz Juniper Juniperus hetzi
Arborvitae Thuja occidentalis
Eastern Red Cedar Juniperus virginiana
Japanese Black Pine Pinus thunbergiana

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

Lily-Turf Liriope muscarii

Creeping Lilyturf

Hybrid Daylily

Liriope spicata

Hemerocallis hybrida

Periwinkle Vinca minor English Ivy Hedera helix

Purpleleaf Winter- creeper Evonymous fortunei coloratus

Aaronsbeard Hypericum calysinum
Rockspray Cotoneaster Cotoneaster horizontali

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

- 1. 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 ViewPoint 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 SITE SIZE AND COVERAGE TOTAL ACREAGE: _____ STIE COVERAGE: ZONING EXISTING ZONING: BUILDING TO LAND PROPOSED ZONING: PAVEMENT TO LAND TYPE OF REVIEW REQUESTED: OPEN SPACE TOTAL (100%) BUILDING SQUARE FOOTAGE: SF. (I.E. REZONING, PLANNING BOARD REVIEW, PRELIMINARY SUBDIVISION APPROVAL, ETC.) BUILDING HEIGHT: FT. OR STORIES INFRASTRUCTURE DENSITY CALCULATIONS PUBLIC WATER: PRIVATE (IF APPLICABLE) SEWER: PUBLIC PRIVATE NUMBER OF UNITS/LOTS: UNITS/LOTS DENSITY: UNITS/ACRE OR LOTS/ACRE STREETS: FUBLIC PRIVATE OFF STREET PARKING OTHER INFORMATION OR NOTES (IF APPLICABLE) (I.E. USE CONDITION COMPLIANCE INFORMATION OR OTHER SPECIAL NOTES) PROPOSED USE(S): PARKING CALCULATION: SPACES: (MAY BE MORE THAN ONE CALCULATION REQUIRED) REQUIRED PARKING: SPACES PARKING PROVIDED: SPACES OFF STREET LOADING BUFFERYARDS (IF APPLICABLE) (if applicable) REQUIRED LOADING/UNLOADING SPACES: ADJOINING ZONING: ____ LOADING/UNLOADING SPACES PROVED: SIZE: FT. X FT. TYPE REQUIRED: WIDTH PROVIDED: FENCE OPTIONS: 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	

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 Submittals 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	Form 1
of Adjustment	
Uses Listed in Table 3.8 as Requiring Special Use Permit from Board	Form 1
of Aldermen	
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

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: (existing light dashed lines; proposed 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: 09.16.2024

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".
- 2) 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 all relevant layers on the landscape and site plan.
 - b) File 2 shall title related layers under the categories below (Anything in asterisk should not be in the title):
 - 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"
- A zoning permit will be issued after plans and watershed permit have been released which will be required for a building permit application to be considered complete.

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
- Grading Plan
- Landscaping Plans
- 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

Land Development Manual - Chapter 3 Submittal Requirements for Civil Construction Plans

Last Updated: 09.16.2024

- 12) Stormwater Management Plan (SCM plan/profile/cross sections/details)
- 13) Road Plan & Profile
- 14) Water Plan & Profiles
- 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

Land Development Manual – Chapter 3 Submittal Requirements for Civil Construction Plans

La	st Updated: 09.16.2024	
	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 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

Land Development Manual - Chapter 3 Submittal Requirements for Civil Construction Plans Last Updated: 09.16.2024 □ 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; Grading and ☐ Detailed drawings of infrastructure (BMP, curb inlets, infiltration systems, erosion **Erosion Control** control, etc.); ☐ Limits of disturbance; Plan(s) ☐ Pertinent off-site drainage features; ☐ Ground cover; ☐ Spot elevations (as necessary). ☐ Required Signature Block(s): A ☐ Topography (2-foot contours); ☐ Existing and proposed drainage and stormwater structures and conveyances and materials (labeled as appropriate); ☐ Roof drains; ☐ Easements; Storm Drainage ☐ Storm drainage design tables from Appendix C of Design and Construction Plan 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 ☐ All pipes and structures shown and labeled; Drainage Area ☐ Drainage areas identified. Map ☐ Required Signature Block(s): A

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.

☐ Required Signature Block(s): A

Land Development Manual – Chapter 3 Submittal Requirements for Civil Construction Plans

ast Updated: 09.16.2024	
Road Plan and Profile	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 that are adjacent to street − see sidewalk comments below; 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. Guardralis and barricades (as necessary); Pavement marking plans and permanent signage plans; The following Utility and Drainage information shall be shown on construction plans for transportation improvements: All existing adjacent and conflicting utility and drainage features are shown in the plan view. Nearby utilities may be shown for reference in the profile view. All proposed adjacent and underlying utility and drainage features shown in plan view. All subsurface utility and drainage crossings shown in profile view. All subsurface utility and drainage crossings shown in profile view. Call plan view. Required Signature Block(s): A and C
Water Plan/Sewer Plan and Profiles	□ Per CCUC or City of High Point approval for water and sewer.

Land Development Manual – Chapter 3 Submittal Requirements for Civil Construction Plans

Lá	Last Updated: 09.16.2024		
	Landscaping Plans	 □ 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 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; □ Clearly label and dimension required 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. 	
	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. 	

Land Development Manual - Chapter 3 Submittal Requirements for Civil Construction Plans

Last Updated: 09.16.2024 ☐ 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; Stormwater ☐ Topography (2-foot contours); **Impact** ☐ Pertinent on-site and off-site drainage conditions; Statement (1 ☐ Upstream and/or downstream volumes; ☐ Discharges and velocities; sealed copy to ☐ Backwater elevations and effects on existing drainage conveyance facilities; be submitted) ☐ 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. TOWN OF KERNERSVILLE **ENGINEERING DIVISION** APPROVED FOR CONSTRUCTION \ Signature Block A (Engineering) 2.5' x 2.5' Applicant must obtain Zoning or Building Permit(s) prior to construction. Contact (336) 996-6916 prior to Beginning Any Work in the Right of Way.

Last Updated: 09.16.2024

Signature Block B (Planning) 2.5' x 2.5'	Applicant must obtain Zoning or Building Permit(s) prior to construction. Contact (336) 996-6916 prior to Beginning Any Work in the Right of Way.
Signature Block C (Public Services) 2.5' x 2.5'	Applicant must obtain Zoning or Building Permit(s) prior to construction. Contact (336) 996-6916 prior to Beginning Any Work in the Right of Way.

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 full-size hard copy folded to 9"x12".
- 2) 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.

Land Development Manual - Chapter 3 Submittal Requirements for Civil Construction Plans

Last Updated: 09.16.2024

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 all relevant layers on the landscape and site plan.
 - b) File 2 shall title related layers under the categories below (Anything in asterisk should not be in the title):
 - 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"
- A zoning permit will be issued after plans and watershed permit have been released which will be required for a building permit application to be considered complete.

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
- Details
- Additional sheets as required

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

Land Development Manual – Chapter 3 Submittal Requirements for Civil Construction Plans

Last Updated: 09.16.2024

- 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; 	
Overall Site Plan (cont.)	 □ 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) 	

Land Development Manual - Chapter 3 Submittal Requirements for Civil Construction Plans

□ Spot elevations (as necessary).□ Required Signature Block(s): A

Last Updated: 09.16.2024 ☐ 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 **Utility Plan** 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 Grading Plan(s) control, etc.); ☐ Limits of disturbance; ☐ Pertinent off-site drainage features; ☐ Ground cover;

Land Development Manual - Chapter 3 Submittal Requirements for Civil Construction Plans

Last Updated: 09.16.2024 ☐ 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; ☐ 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; o Provide a table showing the square footages and percentages of pervious and Landscaping impervious surface located within the streetyard; 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 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; o 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 ☐ Include miscellaneous detail sheets as necessary. Details ☐ Required Signature Block(s): A, B, or C as required/appropriate.

Last Updated: 09.16.2024

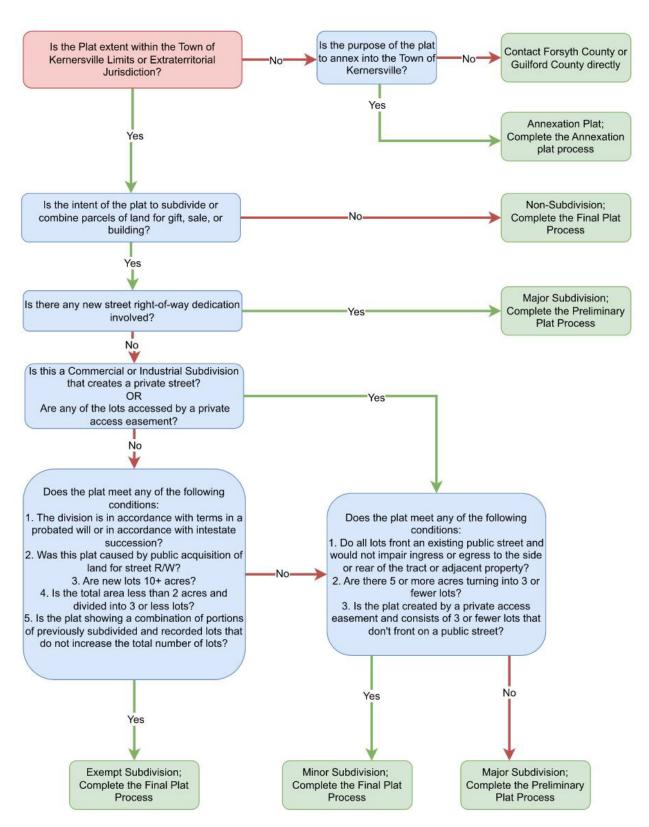
Last Updated: 09.16.2024	
Signature Block A (Engineering) 2.5' x 2.5'	TOWN OF KERNERSVILLE ENGINEERING DIVISION APPROVED FOR CONSTRUCTION
	Applicant must obtain Zoning or Building Permit(s) prior to construction. Contact (336) 996-6916 prior to Beginning Any Work in the Right of Way.
Signature Block B (Planning) 2.5' x 2.5'	Applicant must obtain Zoning or Building Permit(s) prior to construction. Contact (336) 996-6916 prior to Beginning Any Work in the Right of Way.
Signature Block C (Public Services) 2.5' x 2.5'	Applicant must obtain Zoning or Building Permit(s) prior to construction. Contact (336) 996-6916 prior to Beginning Any Work in the Right of Way.

Chapter 4 Submittal Requirements for Plats

Last Updated: 09.16.2024

A. Plat Definitions

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



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: 09.16.2024

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.

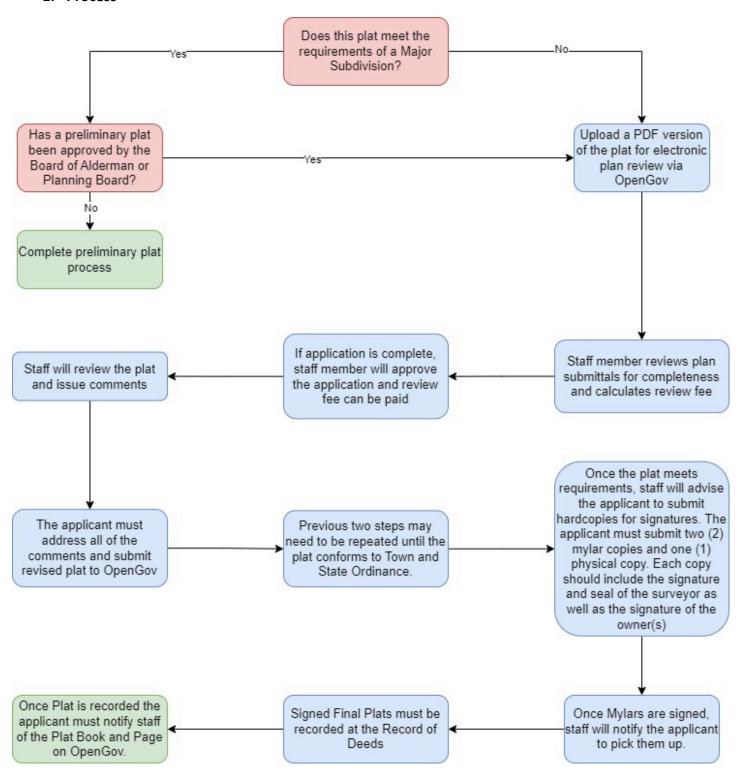
2. Non-Subdivision Plats

- 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.

B. Final Plats

Major, Minor, Exempt, and Easement Plats

1. Process



Land Development Manual - Chapter 4 Submittal Requirements for Plats

Last Updated: 09.16.2024

2. Submittal Checklist

PROJECT INFORMATION: (FILLED OUT IN OPENGOV)					
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					

APPLICATION REQUIREMENTS

- 1. Digital Copy of Plat Marginal size of either 18" x 24", 21" x 30", or 24" x 36", 0.5-inch border on all sides, landscape format must have 1.5-inch border on left side, portrait format must have 1.5-inch border on the top side.
- 2. Payment Fees can be paid online, over the phone by calling (336) 992-0605, or in-person by check. Checks should be made payable to the Town of Kernersville. Please provide the project name and code at the time of payment. Review will not proceed until fees have been paid.
- 3. See checklist below for Plat Requirements

Are the propose lots on sanitary sewer or private septic?

FINAL SUBMITTAL REQUIREMENTS

- 1. Each plat presented for recording shall be on polyester film (mylar)
- 2. Two mylar copies and one paper copy must be submitted to the town for signatures
- 3. Final PDF must be provided on OpenGov

Last Updated: 09.16.2024

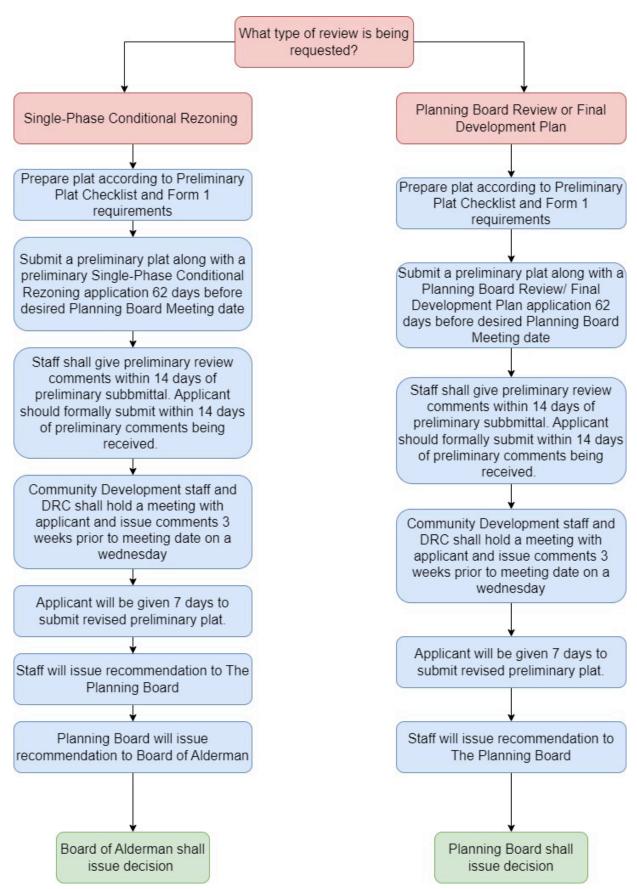
CHECKLIST IT	EMS
All plats must co	ntain the following elements and information:
Plat Information	 □ Location Map at a scale not smaller than one inch represents two thousand (2,000) feet (1" to 2,000'), indicating the location of the site and showing the intersection of at least two (2) public streets 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

Land Development Manual - Chapter 4 Submittal Requirements for Plats

Last Updated: 09.16.2024 ☐ 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: existinglight dashed lines; proposed - thin solid lines) ☐ Water features (name and location), Stream buffers, Floodplains, drainage ways, wetlands Existing and wetland buffers with setbacks. ☐ Constructed Features And ☐ Rights-of-way and access easements with type and widths indicated and an indication **Proposed** of whether public or private. Conditions ☐ Private and public drives including pavement widths, names and an indication of whether public or private. ☐ Building footprint(s) within parcel(s) affected by the recordation of the plat. Footprint should state square footage and number of stories. ☐ 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. ☐ Culverts (other subsurface features) ☐ Fire hydrants within 500 feet of the site □ Railroads □ 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. 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 General inserts). Boundaries formed by a curved line must show actual survey data from the point of Comments 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

C. Site Plan/ Preliminary Plats

1. Process



Last Updated: 09.16.2024

2. Submittal Checklist

CHECKLIST ITEMS	
All plats must contain th	ne following elements and information:
Cover Sheet or Overall Site Plan	 □ 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)

Land Development Manual – Chapter 4 Submittal Requirements for Plats

Last Updated: 09.16.2024 ☐ 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 ☐ Bufferyard extent, if applicable – UDO Articles 3.10 & 5.4 ☐ 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 **Proposed** bay, space size, and pavement type labeled) ☐ Handicap aisles, spaces, signage, and accessible route to main entrance **Conditions Sheet:** ☐ Sight distance triangles Site Plan-all items ☐ Sidewalks, walkways, and trails drawn, labeled, ☐ Loading, storage, and service areas (with required screening) – UDO Article and dimensioned 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 ☐ Stream buffers, drainage ways, wetlands, and wetland buffers with setbacks ☐ Open space and greenways (dedicated or reserved) ☐ Other site features unique to proposed use ☐ Pole mounted fixture locations and details (with height labeled) **Proposed** ☐ Building mounted fixture locations **Conditions Sheet:** ☐ Standard notes **Lighting Plan** ☐ Drawings must be to scale and have a graphic scale (1 inch to 32 feet or larger) **Proposed** ☐ Building elevations (to show compliance with development plan design guidelines, **Conditions** to demonstrate compliance with UDO paragraph 7.3.1, or to show compliance Sheet: with a Design District Zoning), with total building height and finish floor elevations **Elevations** – if labeled within ☐ All building materials must be labeled Kernersville ☐ Label frontage types for each building façade ☐ Mechanical equipment locations and screening if visible from ROW overlay district ☐ 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) **General Comments** ☐ 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	KS
Block Title	Signature Block Information
Surveyor Certification for Subdivision	I,
Surveyor Certification for Closure	I,certify that this plat was drawn under my supervision from an actual survey made under my supervision (description recorded in Deed Book, or Plat Book Page, if applicable); that the boundaries not surveyed are clearly indicated as drawn from deed information as shown; that the ratio of precision as calculated is I: I0,000 +; that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, registration number, and day of, A.D., Signature
County Register of Deeds Plat Registration	Filed for registration ato'clockM This theDay of, 20 and recorded in Plat Book Page 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

Land Development Manual – Chapter 4 Submittal Requirements for Plats

Last Updated: 09.16.2024

Own	or (Certifi	cation

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 SIGNATUR	RE BLOCKS
Block Title	Applicable when	Signature Block Information
Subdivision Administrator Certification	Plat meets the definition of a subdivision	This is to certify that this plat meets the recording requirements of the Town of Kernersville Unified Development Ordinance, Subdivision Administrator for the Town of Kernersville, certify that this plat meets the recording requirements of the Town of Kernersville Subdivision Regulation and, if applicable, that a certificate of approval has been issued by the Division of Highways pursuant to Article 7, Chapter 136 of the General Statutes, State of North Carolina Subdivision Administrator Date Town of Kernersville, North Carolina
Exempt Plat: Subdivision Administrator	Plat is exempt from the definition of a subdivision	State of North Carolina County of Forsyth OR Guilford, I
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	I,Review Officer of Forsyth OR Guilford County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording. Review Officer This the Day of 20 Forsyth OR Guilford County, North Carolina
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) (List PIN(s) owner is signing for)

Land Development Manual – Chapter 4 Submittal Requirements for Plats

Last Updated: 09.16.2024

Last Opuateu. 03.10.202		
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 Forsyth OR Guilford 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	A new Road is being created and dedicated to NCDOT	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

					004000		- OUDMIT	TAL 041	ENDAD				
PLANNING BOARD 2024 CASE SUBMITTAL CALENDAR ** NEW FOR 2024: ALL SUBMITTALS ARE DUE BY 12:00 PM. NO EXCEPTIONS . **													
NEW TOR 2024. ALL SODIMITIALS ARE DOLD! 12.00 FM. HO EXOLITIONS.													
	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
	2023	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	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	Tentati	e <u>Dates</u> Feb. 4, 2025
* Hollday - Date May Chang	je		-										•
				ANNE)	XATION 2	024 SUB	MITTAL C	ALENDA	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	000.00, 2020	200. 4, 2020	odii. 1, 2024	Jan. 20, 2024	maturi 4, 2024	April 1, 2024	April 20, 2024	Julie 0, 2024	July 1, 2024	Aug. 0, 2024	36pt. 2, 2024	38pt. 30, 2024	Tentative Date
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	Jan. 7, 2025
BOARD OF ALDERMEN MEETING FOR RESOLUTION	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	Tentati Jan. 7, 2025	Feb. 4, 2025

B. Board of Adjustment Submittal Calendar

			0004 8	0.4.00.00				0 A L E L					
			2024 B	DARD OF	- ADJUS	IMENT	SUBMITTAL	CALENI	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	2023	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024
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 Ob	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	9, 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	fay, Novembe	r 28 & 29, 20	024									
Christmas	Tuesday, Wedn	esday & Thu	rsday, Decer	mber 24, 25 & 2	26, 2024								
Petition Deadline	24 Calendar Da	ys prior to m	eeting										
Sign Posting Deadline	15 Calendar Da	15 Calendar Days prior to meeting											
Adj Property Mailing	10 Calendar Da	ys prior to m	eeting										
Meeting	4th Monday in	each month											

Land Development Manual – Chapter 5 Submittal Calendars

Last Updated: 04.03.2024