



## NEW SFD, DUPLEX and TOWNHOME RESIDENTIAL PLAN REVIEW CHECKLIST

This checklist is required to accompany all building permit applications.  
Residential building applications must be submitted digitally through [Dplans](http://durham.gov/467/Dplans)  
[durham.gov/467/Dplans](http://durham.gov/467/Dplans)

### Inspections

Address from Building Application \_\_\_\_\_

Items marked with an asterisk, are required for submittal. Failure to provide these documents will result in rejection of this submittal.

TO BE COMPLETED BY APPLICANT		CHECK	N/A
Application Requirements			
*	Completed and signed building permit application with correct address number. Complete means no line left unaddressed or TBD. Incomplete applications without addresses or recorded plats, contractor information etc. cannot be submitted for review.		
*	Scaled and fully dimensioned plot plan showing required set-backs, distance to property lines, site elements and all existing and proposed improvements. A sealed survey may be required.		
*	Designated Lien Agent form with the correct address for projects costing \$30,000 or more. Applications without a Lien Agent form cannot be submitted for review.		
*	Affidavit of Worker's Compensation Coverage form is required for projects costing \$30,000 or more. Applications without an Affidavit of Worker's Compensation Coverage form cannot be submitted for review.		
	Construction plans are signed and dated per N.C. Admin Code 204.3. All plans shall be legible and to scale. Digital documents shall have all security removed and a designated space in the title block for the reviewers stamp before submittal.		
	"Draft" or "Not for Construction" notes on the plans have been removed.		
	There should be no discrepancy between the building permit application's job description and the scope of work depicted on the plans.		
	I understand if there are unsatisfied parcel conditions that are brought to my attention during the plan review, it will be my responsibility to address those conditions with the department(s) having jurisdiction.		
	Zoning requirements for parcel (City-County Planning Department) Including but not limited to; Watershed, Historic, Neighborhood Protection and Airport overlays addressed concerning any requirements relating to such.		
	Modular buildings manufacturer certification as approved by NCDOI (if applicable).		
Scope of Work			

Developmental Requirements	CHECK	N/A
<b>Copy of plot plan sealed by a North Carolina licensed surveyor showing the proposed structure(s).</b>		
a. Existing and/or proposed structure(s) showing distances to property lines and driveways with dimensions in accordance with the UDO.		
b. Corresponding setbacks (adjacent parcels and/or whole block average setbacks if the lot is designated as in-fill per UDO).		
c. Impervious calculations (proposed and allowable in square feet).		
d. Stream and no build buffers and any easements with all corresponding dimensions		
e. Mechanical equipment location		
f. Flood Plain survey with corresponding FEMA data		

<b>Plans shall include, but are not limited to, the following criteria:</b>		
A. Must be Legible		
B. Must match plot plan in footprint and orientation		
C. Must be to scale		
D. The following information shall be shown on the plans (if not applicable mark N/A):		
i. Footing size/spacing (section 403)		
ii. Proper type foundation (chapter 4)		
iii. Foundation ventilation (section 408.8)		
iv. Crawl space access 18"x24" (section 408.8) or if closed crawl space (section 409)		
v. Pier size/spacing (section 404.1.5.3; table 403.1(a); section 606.6, table 606.5)		
vi. Chimney footings (section 1001.2)		
vii. Drainage requirements – grade and slope (section 405 Drainage options; section 801.3; section 401.3)		
viii. Room sizes & types (section 304)		
ix. Window sizes, light & ventilation (section 303)		
x. Tempered glass, hazardous locations (section 308.4)		
xi. Egress doors, path of travel (section 310.1; section 311)		
xii. Emergency egress window from bedroom and/or basement clearly labeled with dimensions (section 310)		
xiii. Stair requirements (section 311.7)		
xiv. Handrail & guardrail requirements (section 312)		
xv. Slab on ground requirements (section 506)		
xvi. Garages; slab requirements (section 309.1)		
xvii. Garages; separation requirements (section 302.5; section 302.6)		
xviii. Bath areas – fixture clearances (section 307)		
xix. Deck requirements (section 502.2.2; appendix M)		

xx.	Attic ventilation requirements (section 806)		
xxi.	Attic access 20"x30" (section 807)		
xxii.	Chimneys and fireplaces (chapter 10)		
xxiii.	Interior and Exterior wall coverings- rated walls(chapter 7)		
xxiv.	Proper size girders (tables 502.5(1) and 502.5(2) )		
xxv.	Joist size, spacing, & span (tables 502.3.1(1) and 502.3.1(2) )		
Building Requirements continued		CHECK	N/A
xxvi.	Proper bearing for wood framing (section 502.6)		
xxvii.	Floor framing, wood and steel (chapter 5)		
xxviii.	Wall framing, wood and steel (chapter 6)		
xxix.	Roof framing, wood and steel (chapter 8)		
xxx.	Insulation values and energy code compliance (chapter 11 & table 1102.1)		
xxxi.	Anchorage requirements to slab & foundation (section 403.1.6)		
xxxii.	Roof slope & coverings (chapter 8; chapter 9)		
xxxiii.	Wall bracing (section 602.10)		
xxxiv.	Heated floors		

It is acknowledged by placing a mark in the above requirements, and my signature below, that: I have verified that all applicable information is included in the construction plans and application. Furthermore, I understand that any omissions will result in disapproval of this application. It is also acknowledged there may be a re-review fee for omissions resulting in disapproval of initialed requirements for this application.

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Name

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Signature

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Date