

RESIDENTIAL PLAN REVIEW CHECKLIST

FOUNDATION PLAN

2018 NC RESIDENTIAL CODE

<input type="checkbox"/>	Wall Footing Size	Sect R403
<input type="checkbox"/>	Foundation Wall Size	Sect R404
<input type="checkbox"/>	Pier Footing Size	Sect R403
<input type="checkbox"/>	Pier Location	Sect R403
<input type="checkbox"/>	Masonry Pier Size	Sect R404
<input type="checkbox"/>	Concrete Slab Footings	Sect R403
<input type="checkbox"/>	Vapor Barrier	Sect R408, R409, R504, R506
<input type="checkbox"/>	Masonry Fireplace Footing/Foundation	Sect R1001
<input type="checkbox"/>	Termite Treatment Noted	Sect R318
<input type="checkbox"/>	Foundation Waterproofing/Dampproofing	Sect R406
<input type="checkbox"/>	Crawl Space Access	Sect R408
<input type="checkbox"/>	Crawl Space Ventilation (provide in field)	Sect R408
<input type="checkbox"/>	Engineering documentation required shall comply w/ 2018 NC Res Code	
<input type="checkbox"/>	New Footing to Existing Footing tie-in Detail (For Additions.)	

FRAMING PLANS AND WALL SECTIONS

<input type="checkbox"/>	Girder Size/Spacing/Species/Grade	Sect R602
<input type="checkbox"/>	Floor Joist Size/Spacing/Species/Grade	Sect R502
<input type="checkbox"/>	Floor Truss/I-Joist Layout	Sect R502
<input type="checkbox"/>	Openings in Floor (headers, trimmers, etc.)	Sect R502
<input type="checkbox"/>	Floor Sheathing	Sect R503
<input type="checkbox"/>	Stud Size/Spacing/Species/Grade	Sect R602
<input type="checkbox"/>	Wall Bracing Method(s) used	Sect R602.10
<input type="checkbox"/>	Req'd Total Wall Bracing Length	Sect R602.10
<input type="checkbox"/>	Dimensioned Length & Location of Individual Braced Wall Panels	Sect R602.10
<input type="checkbox"/>	Wall Header Size	Sect R602 Table R602.7(1) & (2)
<input type="checkbox"/>	Wall Sheathing	Sect R602 & R703
<input type="checkbox"/>	Wall Insulation	Sect N1102
<input type="checkbox"/>	Point Loads	Sect R602
<input type="checkbox"/>	Bracing Knee Walls	Sect R802
<input type="checkbox"/>	Masonry Flashing/Weepholes	Sect R703
<input type="checkbox"/>	Ceiling Joist Size/Spacing/Species/Grade	Sect R802
<input type="checkbox"/>	Ceiling Insulation	Sect R602.10
<input type="checkbox"/>	Openings in Ceiling (headers, trimmers, etc.)	Sect R802
<input type="checkbox"/>	Interior Wall Covering	Sect R702
<input type="checkbox"/>	Exterior Wall Covering	Sect R703
<input type="checkbox"/>	Roof Sheathing	Sect R803
<input type="checkbox"/>	Decks	Appendix M
<input type="checkbox"/>	Rated Walls/Property Lines	Sect R302
<input type="checkbox"/>	Jack Studs	Sect R602 & Table R602.7(1) & (2)
<input type="checkbox"/>	Engineering documentation required shall comply w/ 2018 NC Res Code	

FLOOR PLAN

2018 NC
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<input type="checkbox"/>	Size and Name of Rooms	Sect R304
<input type="checkbox"/>	Size and Location of Windows	Sect R303 & R308
<input type="checkbox"/>	Egress Requirements	Sect R310 & R311
<input type="checkbox"/>	Glazing Requirements	Sect R308
<input type="checkbox"/>	Size, Location, and Swing of Doors	Sect R310 & R311
<input type="checkbox"/>	Stair Requirements	Sect R311.7
<input type="checkbox"/>	Stair Landings	Sect. R311.7.6
<input type="checkbox"/>	Handrail Requirements	Sect R311.7.8
<input type="checkbox"/>	Guardrail Requirements	Sect R312
<input type="checkbox"/>	Attic Access	Sect R807
<input type="checkbox"/>	Garage Separation & 20-min. Door	Sect R302.5 & R302.6
<input type="checkbox"/>		
<input type="checkbox"/>	Engineering documentation required shall comply w/ 2018 NC Res Code	
<input type="checkbox"/>	Layout of Rooms Adjacent to Additions (Room Name, Size/Location of Doors/Windows.)	

ROOF PLAN

<input type="checkbox"/>	Rafter Size/Spacing/Species/Grade	Sect R802
<input type="checkbox"/>	Roof Bracing	Sect R802
<input type="checkbox"/>	Roof Truss Layout	Sect R802
<input type="checkbox"/>	Hip & Valley Rafters	Sect R802
<input type="checkbox"/>	Ridge Boards	Sect R802
<input type="checkbox"/>	Collar Beams/Rafter Ties	Sect R802
<input type="checkbox"/>	Field Framing	
<input type="checkbox"/>	Engineering documentation required shall comply w/ 2018 NC Res Code	

ELEVATIONS

<input type="checkbox"/>	Eave Height	
<input type="checkbox"/>	Roof Pitch	Chapter 9
<input type="checkbox"/>	Exterior Wall Covering	Chapter 7
<input type="checkbox"/>	Roof Covering	Chapter 9
<input type="checkbox"/>	Roof Ventilation (provide in field)	Sect R806
<input type="checkbox"/>	Chimney Termination/flue size & opening cal.	Sect R1003
<input type="checkbox"/>	Flashing (Wall/roof intersections, Crickets)	Sect R703,R903 & R905
<input type="checkbox"/>	Brick on Roof Detail	Sect R703

GENERAL REQUIREMENTS

<input type="checkbox"/>	Square Footage: Heated, Unheated, and Decks
<input type="checkbox"/>	Drawings to Scale (minimum 1/8")
<input type="checkbox"/>	Name of Designer, Engineer, or Architect with Address and Phone
<input type="checkbox"/>	Minimum Plan Size: 11 x 17 over 500sf 8 1/2 x 11 under 500sf
<input type="checkbox"/>	Legibility
<input type="checkbox"/>	Required Drawings Missing