

# New Castle County – Department of Land Use

## Frequently Failed Inspection Items

Structural	Non-Structural	Plumbing	Mechanical / Fuel Gas
<p><b>Footings:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Not Ready/field cancel</a></li> <li>○ <a href="#">No plans on site</a></li> <li>○ <a href="#">E&amp;S issues</a></li> <li>○ <a href="#">Mud/Water in excavation</a></li> </ul> <p><b>Foundation:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Anchor bolt spacing</a></li> <li>○ <a href="#">Damp-proofing/water-proofing</a></li> <li>○ <a href="#">Sewer and water main locations</a></li> </ul> <p><b>Exterior Framing:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Nail spacing</a></li> <li>○ <a href="#">Wall bracing</a></li> </ul> <p><b>Close-in:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Fireblocking</a></li> <li>○ <a href="#">Missing self-certifications</a></li> <li>○ <a href="#">Missing point loads</a></li> <li>○ <a href="#">Portal frame hardware</a></li> <li>○ <a href="#">Truss bracing/missing</a></li> <li>○ <a href="#">Nail plates/stud shoes</a></li> <li>○ <a href="#">Missing doors/windows</a></li> <li>○ <a href="#">Prior inspections incomplete</a></li> </ul> <p><b>Final:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Missing certs/reports</a></li> <li>○ <a href="#">Attic insulation low</a></li> <li>○ <a href="#">No hot water</a></li> <li>○ <a href="#">Seal exterior penetrations</a></li> <li>○ <a href="#">No attic access</a></li> <li>○ <a href="#">Missing energy cert</a></li> </ul>	<p><b>Weather Barrier:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Incomplete</a></li> <li>○ <a href="#">Installation instructions not followed</a></li> <li>○ <a href="#">Windows/doors missing</a></li> <li>○ <a href="#">Flashings incomplete</a></li> </ul> <p><b>Insulation:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Insulation/close-in incomplete</a></li> <li>○ <a href="#">Fireblocking</a></li> <li>○ <a href="#">Missing gas test</a></li> <li>○ <a href="#">Nail plates/stud shoes</a></li> </ul> <p><b>Lath:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Wire ties needed</a></li> <li>○ <a href="#">Not Ready</a></li> <li>○ <a href="#">Stop bead incorrectly installed</a></li> <li>○ <a href="#">Incorrect nailing/fastening</a></li> <li>○ <a href="#">Missing/ground clearance of weep screed</a></li> </ul> <p><b>Grading:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Not ready</a></li> <li>○ <a href="#">No plans</a></li> <li>○ <a href="#">Insufficient/negative fall</a></li> <li>○ <a href="#">Erosion/Washout</a></li> <li>○ <a href="#">Not stabilized</a></li> </ul>	<p><b>Rough:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Protection plates</a></li> <li>○ <a href="#">Stud Shoes</a></li> <li>○ <a href="#">Pipe support incorrect</a></li> <li>○ <a href="#">Structural plates not installed</a></li> <li>○ <a href="#">Fireblocking</a></li> </ul> <p><b>Final:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Hot and Cold reversed</a></li> <li>○ <a href="#">No hot water</a></li> <li>○ <a href="#">Water heater installation (expansion tank, blow-off, not working, combustion air)</a></li> </ul>	<p><b>Rough:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Fireblocking</a></li> <li>○ <a href="#">Structural plates not installed</a></li> <li>○ <a href="#">Incomplete joint seal</a></li> <li>○ <a href="#">Incorrect venting</a></li> </ul> <p><b>Gas Test:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">No plans</a></li> <li>○ <a href="#">Not ready</a></li> <li>○ <a href="#">No pressure/test</a></li> <li>○ <a href="#">Gas line protection</a></li> <li>○ <a href="#">Leaking</a></li> <li>○ <a href="#">Piping undersized/over length</a></li> <li>○ <a href="#">Gauge broken/too large</a></li> </ul> <p><b>Final:</b></p> <ul style="list-style-type: none"> <li>○ <a href="#">Not working</a></li> <li>○ <a href="#">Airflow issues</a></li> <li>○ <a href="#">Locking caps</a></li> <li>○ <a href="#">A/C out of level</a></li> <li>○ <a href="#">Incorrect vent termination</a></li> </ul>