

## Plan Review-Residential Quality Assurance Checklist

Permit Number: \_\_\_\_\_ Plans Examiner: \_\_\_\_\_  
 Project Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Audit by: \_\_\_\_\_

Plan review item	Is item acceptable?			Comments
	Yes	No	N/A	
<b>ORSC Chapter 1: Site plan, flood plain verification</b>				
• Site location, property lines, plans match site plan (R106.1.1, R106.2)				
• Plan matches slopes (R401.3, R403.1.9)				
• Flood plain info (R109.1.6.1, R322.1, R322.2)				
• Water, sewer and storm sizes (OPSC T610.4, T703.2, Tab R1101.8, T1101.12, App. D)				
<b>ORSC Chapter 3: Building Planning verification</b>				
• <a href="#">Architect</a> license / <a href="#">Engineer</a> license status (R301.1.1, R301.1.3)				
• Design criteria for location (R301.2)				
• Fire resistive requirements (R302, Tab R302.1)				
• Environmental requirements (heating, light, areas, heights, etc.) (R303.1, R304, R305)				
• Egress doors, thresholds, emergency egress. (R310.1, R310.2.1, R311.2, R311.6)				
• Stairs, hand & guard rails (R311.7, R311.7.8, R312.1.1)				
• Smoke & CO alarms (R314, R315)				
• Moisture control (R318.1, R318.2)				
• Separation requirements for party walls, roofs, etc. (R302.2, R302.2.3, R302.3)				
• Decay protection (R317)				
<b>ORSC Chapter 4: Footings &amp; Foundation verification</b>				
• Size, depth, required steel & type of concrete in footings (R403, Tab R403.1, Fig R403.1.3)				
• Allowable slope or steps in foundation wall (R403.1.5)				
• Allowable height and design of retaining walls (R105.2 Exception 3, OSSC 105.2 Exception 4)				
• Geo requirements (R401.4.1)				
• Foundation and underfloor drainage (R401.3, R403.3.3, R405.1)				
• Foundation vents (R408.1)				
• Spread footings as required. (See point loads & lateral strip loads) (R403.1.1, Tab R404.1)				
• <a href="#">Radon Mitigation System</a> (Appendix F, W. Salem only)				

ORSC Chapter 5: Floors verification				
• Type of construction (R502.1, R502.2)				
• <b>Bearing, span, beams, cantilevers</b> , sheathing, etc. (R502.6, Tab R502.3.1, Tab R502.3.3, Tab R502.5, R503)				
• Connections (R502.9, R502.6.2, R502.7, Tab R602.3)				
• Deck connections and ledgers (R507.2, Tab R507.2, Tab R507.2.1, Fig 507.2.1)				
ORSC Chapter 6: Wall Construction verification				
• Type of construction & design criteria (R602.3, R602.10.4)				
• Fire-resistive construction and opening protection as applicable (R302.1, R302.2 thru R302.13)				
• <b>Check load paths for vertical and lateral (R602.3.5)</b>				
• <b>Lateral bracing methods (R602.10, R602.10.4, Tab R602.10.4)</b>				
• <b>Lateral design adequacy (R602.10.2.3)</b>				
• Fire blocks and draft stops (R302.11, R302.12, R602.8)				
• Wall to foundation connections (R602.3.5, R602.11)				
• <b>Structural engineering (see ASCE 7, OSSC, NDS SDPWS)</b>				
ORSC Chapter 7: Wall Coverings verification				
• <b>Exterior wall envelope (R703.1, R703.2, R703.8)</b>				
• Veneer requirements (R703.8, R703.8.1, R703.8.2, Tab R703.8(2))				
• Moisture barrier protection (R703.2, R703.7.3)				
ORSC Chapter 8 & 9: Roof Ceiling & Roof Construction				
• Type of construction (R802.1, R802.2, Tab R802.4.1, Tab R802.5.1, R802.10)				
• <b>Structural adequacy rafters/ceiling joists (R802.7.2, R802.10.2)</b>				
• <b>Checked truss designs (R802.2, R802.10.1, R802.10.3)</b>				
• <b>Roof to wall connections &amp; path to foundation (R802.11)</b>				
• Roof drainage (R903.4, Tab R905.1)				
• Blocking (R302.11, R802.3.3)				
• Attic access (R807.1)				
• Ventilation (R806.1)				
• Roof coverings (R803.1, R803.2, R905.1 thru R905.10)				
• Amount of vaulted area (Tab N1101.1(1) footnote g)				
ORSC Chapter 10: Chimneys & Fireplaces verification				
• Footings and reinforcement (R1001.2, R1001.3, Tab R1001.1, R1003.2)				
• <b>Clearance to combustibles (R1001.11, R1003.18)</b>				
• Exterior air supply (R1006.1, R1006.3, R1006.5)				
ORSC Chapter 11: Energy Efficiency verification				
• Proposed method of compliance (Tab N1101.1(a), N1103.1, Tab N1104.1(a))				
• <b>Envelope component compliance (Tab N1101.1(a), Tab 1104.1(a))</b>				
• <b>Two additional measures (Tab 1101.1(a))</b>				
• HVAC systems and ducts (N1105.3, Tab N1101.1(1))				
• Insulation space to exterior walls for vaulted area over 50% (Tab N1101.1(1) footnote g)				

**Note:**

- Items marked in **RED** are considered “**MAJOR**” and the goal is to have none of these items marked unacceptable.
- All other items are “**MINOR**” and the goal is to have five or fewer of these items marked unacceptable.
- Items marked in **GREEN** are considered “Life Safety” and the goal is to have none of these items marked unacceptable.