This document is intended for internal use by reviewers, however it is being provided as a reference tool for our customers. The following are some of the basic or frequently overlooked code requirements. This list is not intended to be exhaustive of all possible requirements. The more comprehensive list is contained in the 2012 International Residential Code and City of Austin local amendments. Neither this checklist nor the adopted building codes may be construed to allow deed restriction violation.
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**STRUCTURAL CHECKLIST – SEALED DRAWINGS**

- [ ] Check for engineer seal on foundation plans
- [ ] Check for architect or engineer seal on framing and bracing plans
- [ ] Foundation plan matches orientation and outline of floor plan
- [ ] Foundation details including anchorage to foundation
- [ ] Floor framing plans
- [ ] Roof framing plans
- [ ] Truss layout (direction and spacing)
- [ ] Truss support structure (headers, beams, walls, columns)
- [ ] Typical framing details (wall-to-floor, wall-to-roof)
- [ ] Braced wall plan with braced wall lines
- [ ] Bracing information (methods used, fasteners/nail pattern, specific bracing method details)

**STRUCTURAL CHECKLIST – UNSEALED DRAWINGS**

**FOOTING PLANS** R403.1.4 & Prescriptive Residential Wood Deck Construction Guide

- [ ] Footing material depth and dimensions (depth below surface min 12")
- [ ] Footing locations/dimensions
- [ ] Footing details
- [ ] Connection details

***slabs on expansive soil shall be designed by a registered engineer***

***piers and masonry piers shall be designed by a registered engineer per R404.1.9.4***

**WOOD FRAMED WALLS**

- [ ] Stud spacing/wood grade - R602.3
- [ ] Headers – size/span/material - R602.7
- [ ] Typical wall details
- [ ] Foundation/floor/ceiling connection details
- [ ] Foundation anchorage – R403.1.6

**WOOD FRAMED FLOORS**

- [ ] Live loads supported – Table R301.5
- [ ] Joist size, spacing, wood grade – R502.3
- [ ] Girders – R502.5
- [ ] Floor sheathing – R503.1
- [ ] Framing layout – Figure R502.2

**WOOD FRAMED ROOFS**

- [ ] Live load supported – Table R301.6
- [ ] Ceiling joist size, spacing and grade – R802.4
- [ ] Rafter size, spacing and grade – R802.5
- [ ] Roof sheathing – R803.1
- [ ] Collar Ties – R802.3.1
- [ ] Rafter Ties – R802.5.1

**WALL BRACING** R602.10

- [ ] Braced wall lines layout – R602.10.1.1
- [ ] Braced wall methods used – Table R602.10.4
- [ ] Braced wall panel locations – R602.10.2
- [ ] Minimum length of braced wall panels – R602.10.5
- [ ] End requirements for continuous sheathing – R602.10.7
- [ ] Sheathing attachment – Table R602.3(3)
- [ ] Details for portal frames – R602.10.6