



# Residential Structural Inspection

This Residential Quick Sheet reflects the [2018 Seattle Residential Code](#) (SRC) code requirements. Please verify the following before scheduling a structural inspection. Please note that construction projects vary. As such, additional requirements may be needed.

This **structural** inspection will occur after you have installed the exterior wall sheathing and applicable hardware and before you cover the structure with the weather resistant barrier (WRB).

## Permits and Plans

- Job address shall be posted in a visible location. (Seattle Residential Code Chapter 3) (R319.1)
- Permit and approved plans are on site and accessible to the inspector. (R105.11)

## Exterior Wall Sheathing

- Verify the sheathing is the grade and thickness specified on the approved plans or engineering. (R604.1, R604.2, R604.3)
- Verify the sheathing is nailed per the shear wall schedule on the approved plans.
- Sheathing edges and end joints must be blocked or occur over horizontal or vertical framing members. (R602.10.4.4)
- Check for nailing/attachment requirements for double studs or posts as shown on the approved plan and shear wall schedule.
- Verify stud size, height, and spacing.
- Fastener heads or crowns don't penetrate the outer veneer of plywood.
- Fasteners for treated wood shall be of hot-dipped galvanized steel, stainless steel, silicon bronze, or copper. (R317.3.1)
- Check for any portions of the building that may project into the fire separation distance at the property line. (Table R302.1(1))

## Hold-Downs and Hardware

- Confirm all hold-downs and straps are installed and attached properly per approved plans and/or manufacturer's specifications.
- Full height studs are required at strapping and hold-downs.
- Multiple studs are installed at strapping and hold-downs per the approved plan and/or manufacturer's specifications.
- Check anchor bolts at any slab on grade or other areas not inspected during the underfloor inspection. (R403.1.6)
- The anchor bolt size and spacing is per the shear wall schedule on the approved plans. (R403.1.6)

**LEGAL DISCLAIMER:** This should not be used as a substitute for codes and regulations. The customer is responsible for compliance with all code and rule requirements.