

**TELLER COUNTY BUILDING DEPARTMENT**  
**RESIDENTIAL FOOTING/FOUNDATION CHECKLIST**  
**JULY 2008**

NAME \_\_\_\_\_ PERMIT # \_\_\_\_\_

NOTE: Soils reports, footing/foundation design for new construction and additions including without limitation: concrete, wood, masonry, and pier foundations with girder to pier fastening details for all habitable buildings or structures, are required to be designed by a licensed State of Colorado Engineer/Architect, to include and accessory building over 750 square feet. (Amended Teller County Building Code Section: R401.2.1

**FOOTINGS:**

	<b>CODE DESCRIPTION</b>	<b>REFERENCE</b>
	Address, outhouse, and trash container on site	TCBC R321.1 & E.H.
	Permit on site until completion. Approved plans are required to be on site for all inspections	
	Check the set-backs, septic issued, driveway issued	TCBD & Planning
	Check approved plans, soils report, engineered footing/foundation drawings	IRC Chapter 4 & R106.3.1
	Open hole report (If applicable)	Per Soils Engineer
	Inspection of the foundation shall be made after areas are excavated, forms are erected, reinforcing steel has been placed, and prior to placing of concrete. The foundation inspection shall include thickened slabs for support of bearing walls.	R109.1.1
	Footing/foundation engineering detached structure over 750 square feet	IRC Chapter 4
	Soils waiver for non-habitable structures under 750 square feet	R401.2 Except. #5
	Compaction report if footing is not on native soil	R401.2 & R403.1
	Frost depth for footings is a minimum of 30 inches to bottom of footing	TCBC R301.2 #1
	Footing excavation is free from: water, ice, frozen soil, organic materials or debris, and is ready.	R403.1.4.1
	Check for the depth and width of footing or pad	Engineering
	Check step-gaps in footing for required maximum spacing	Engineering
	Check footings on or adjacent to slopes	R403.1.7
	Level top on footing & bottom slope not to exceed 1 in 10 units horizontal (10%)	R403.1.5
	Check rebar for soil separation, size, overlap, excessive mud or dirt grease/rust	R403.1.3 & Engineering
	Vertical steel shall be on site and prepared to place at inspection time	
	Per-cast and wood footings prepared and inspected for depth, material, and completion before walls are set.	R402.1, R402.3, R403.2
	Concrete and masonry foundation walls shall extend 4 inches for masonry veneers and 6 inches elsewhere.	R404.1.6
	Inspection passes, sign of on inspection report and permit card	R109.1
	Inspection fails, list code violations and leave remarks with permit	R109.1

**FOUNDATIONS:**

	Address, permit, outhouse, and trash container on site	TCBC R321.1 & E.H.
	Check approved plans, soils report, open hole, engineered drawings	Chapter 4 & R106.3.1
	Check plans for the floor plan and verify that it has not been altered.	R106.4
	Verify wall heights with foundation engineering	R403.1.7.3/Engineering
	Verify vertical and horizontal steel placement	Engineering
	Check steel for separations, attachment, grade, free from rust/dirt or mud/form oil, bond breaker, etc	Engineering & ACI-318 R404.1.4
	Check foundation thickness, step downs, beam pockets, window and door locations, pads which may not have been poured at footing	Plans & Engineering
	Check engineering and verify special anchoring	Engineering
	Anchor bolts are on site for size verification	R403.1.6/ Engineering

**FOUNDATIONS: (continued)**

	Top of footing is free from: ice, water, mud, dirt, debris, or form oil	R403.1.4.1
	Walls are plumb and true	Engineering
	Masonry foundations	R404.1.1
	Wood foundations	R402.1
	Inspection passes, fill out inspection report and sign permit card	R109.1
	Inspection fails, list code violations, reference, and leave copy with permit	R109.1
	NOTES:	

\*TELLER COUNTY AMENDED BUILDING CODE REPRESENTATION

**NOTE:**

This list is intended to assist you in completing your project and does not imply that all building codes involving your project have been addressed. International Residential Code, Section R105.8 states: It shall be the duty of every person who performs work for the installation or repair of building, structure, electrical, gas, mechanical, or plumbing systems which this code is applicable, to comply with this code.

Teller County Building Department is committed to the complete building process involving code compliance for life, safety and health to all of our customers and residents. If there are any concerns or questions in your building or construction project, please call and speak to us so we may be able to assist you through this process.

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