

RESIDENTIAL CONSTRUCTION GUIDE

FOR DETACHED SINGLE STORY BUILDINGS AND ADDITIONS LESS THAN 800 SQ. FT

APPLICANT MUST PROVIDE 2 COPIES OF Application submittals with floor plan and elevation.

(Additions must show existing rooms adjoining new construction)

DESCRIBE USE OF BUILDING OR ADDITION

FLOOR PLANS MUST BE DRAWN TO $\frac{1}{4}$ " = 1' – SCALE If adding on to an existing home, please show existing rooms adjoining the addition. Label use of each room and show all doors, windows etc.

SELECT CONSTRUCTION DETAILS USED FROM PAGES 3 THROUGH 10 AND FILL IN INFORMATION ON SHEET 2.

SHEETS | |, |2 ∉ |3 ARE DRAWING SAMPLES ONLY.

ADDITIONAL INFORMATION AND / OR REQUIREMENTS MAY APPLY – please contact a Permit Technician.

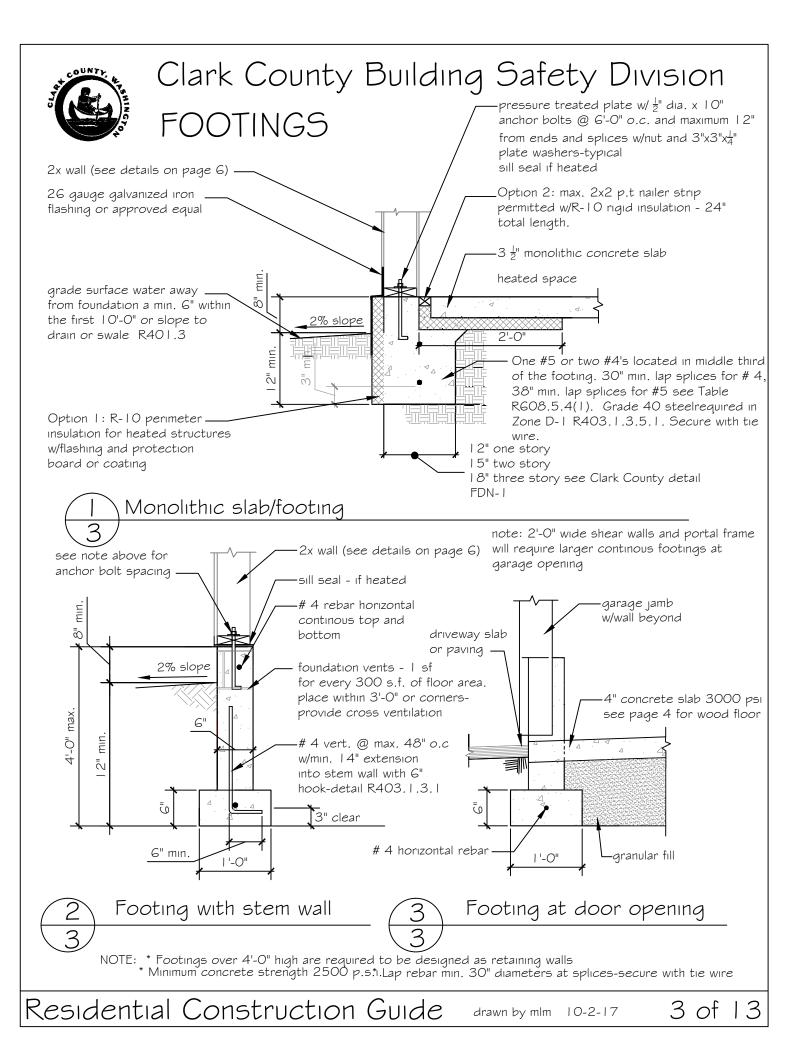
THIS GUIDE DESCRIBES THE PRESCRIPTIVE CONSTRUCTION REQUIREMENTS OF THE IRC AND IS NOT INTENDED TO RELIEVE OTHER REQUIREMENTS OF THE CODE.

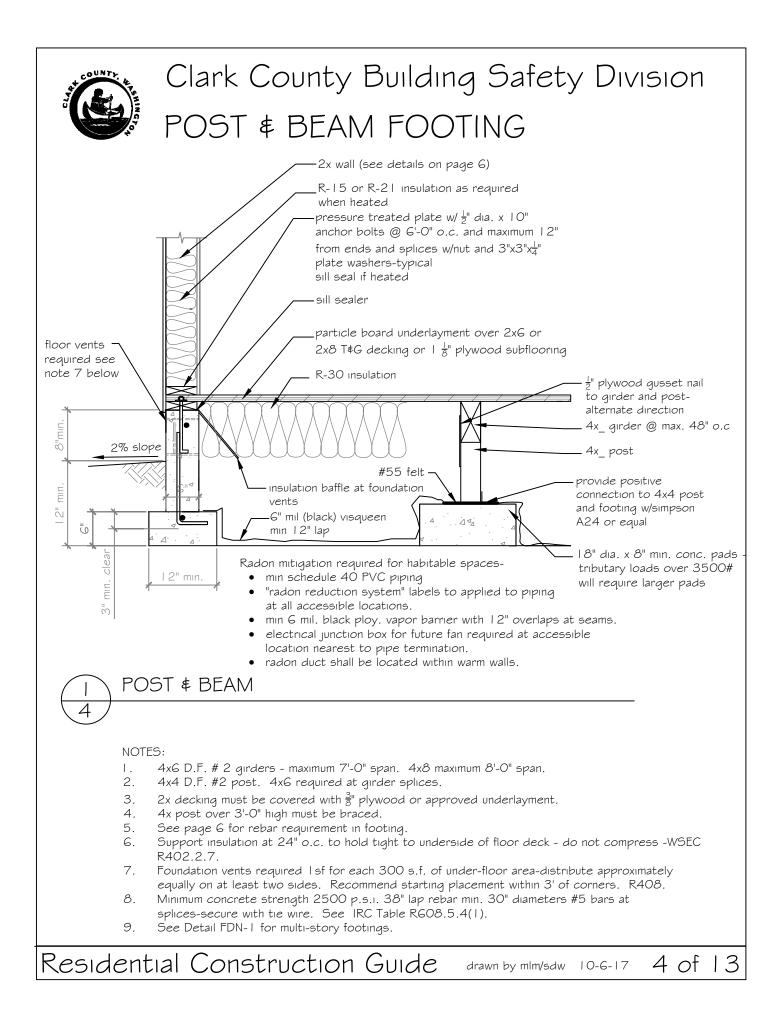
ADDITIONAL INFORMATION MAY BE REQUIRED.

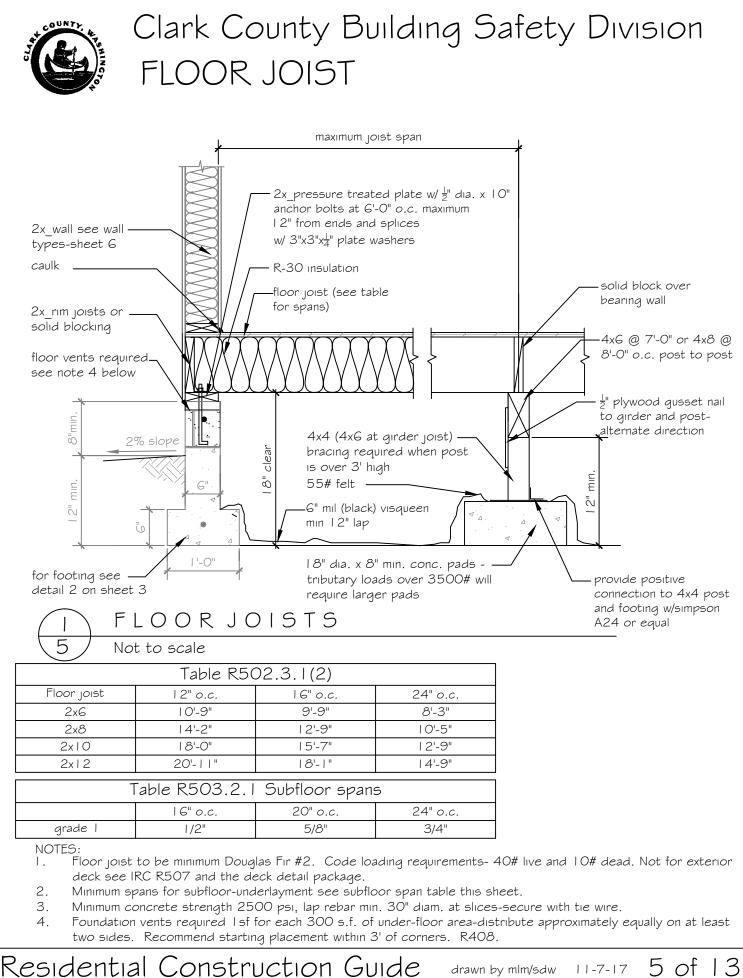
The State of Washington adopted the 2015 International Building and Residential Code on July 1^{st} , 2016. Please note below additional requirements based on the 2015 IRC:

Winds Speed: 135 MPH, 3 second gust Ultimate Exposure: B Seismic: Zone D I Snow: Minimum roof snow load 25 psf... NO Reduction permitted, 30 psf Ground Allowable bearing pressure: 1500 psf without a geotechnical report.

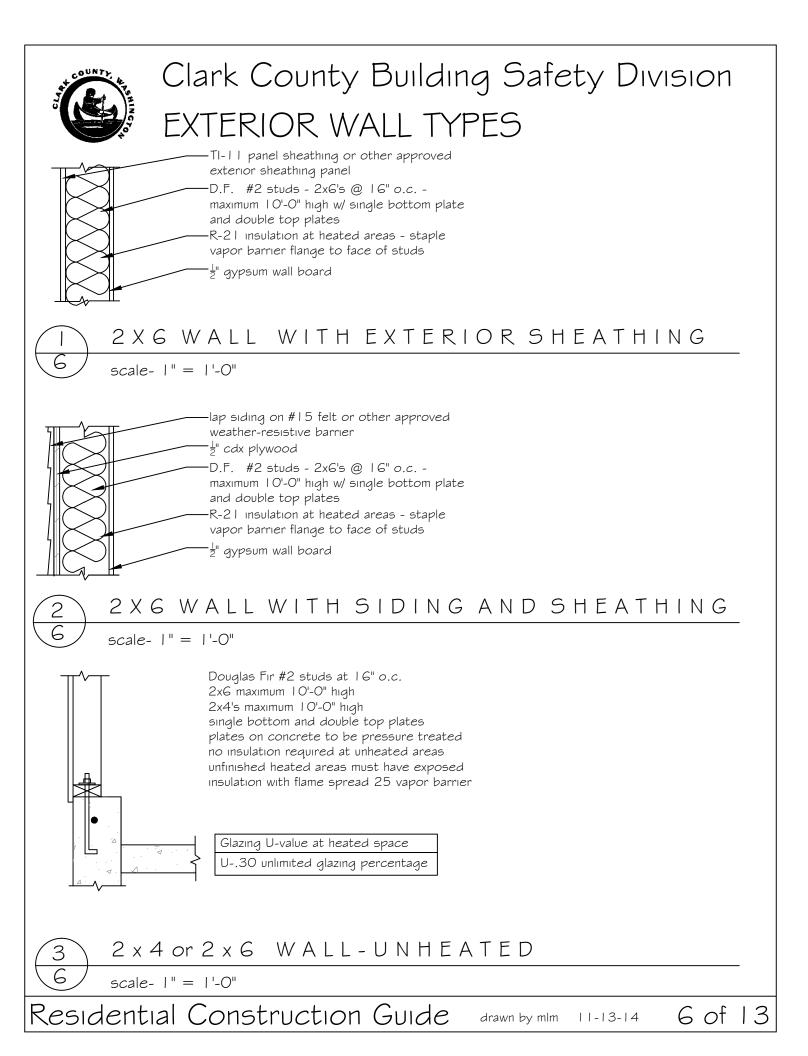
0	- NI		
Owner	5 Name:	Permit number:	
Addre	55:		
Phone		Business Phone:	
)	Please describe building use(s)		
2)	Check one: Detachedattached	Total Sq. F	t. of project _
3)	Footing Type: (see sheet 3) Monolithic Slab (If other, please provide detail)		foundation
4)	Floor Type: (see sheet 4 \$ 5) Slab Post \$ beam (If other, Please provide detail – see e	Floor Jos	st
5)	Wall Type: (See sheet 6)	Check one:	
	Detail $I = 2 \times 6$ insulated with exterior sheathing (wall)		
	Detail $2 - 2 \times 6$ insulated with siding and sheathing (double wall)		
	Detail $3 - 2 \times 4$ or 2×6 unheated garage or shop		
6)	Roof Type (see sheets 7, 8,9 \$ 10) Check one:		
	Conventional Roof framing (see detail 3, sheet 7 \ddagger 13)		
	Vaulted ceiling (see sheet 8)		
	Engineered trusses (see page 9)		
	Shed roof (see page 10)		

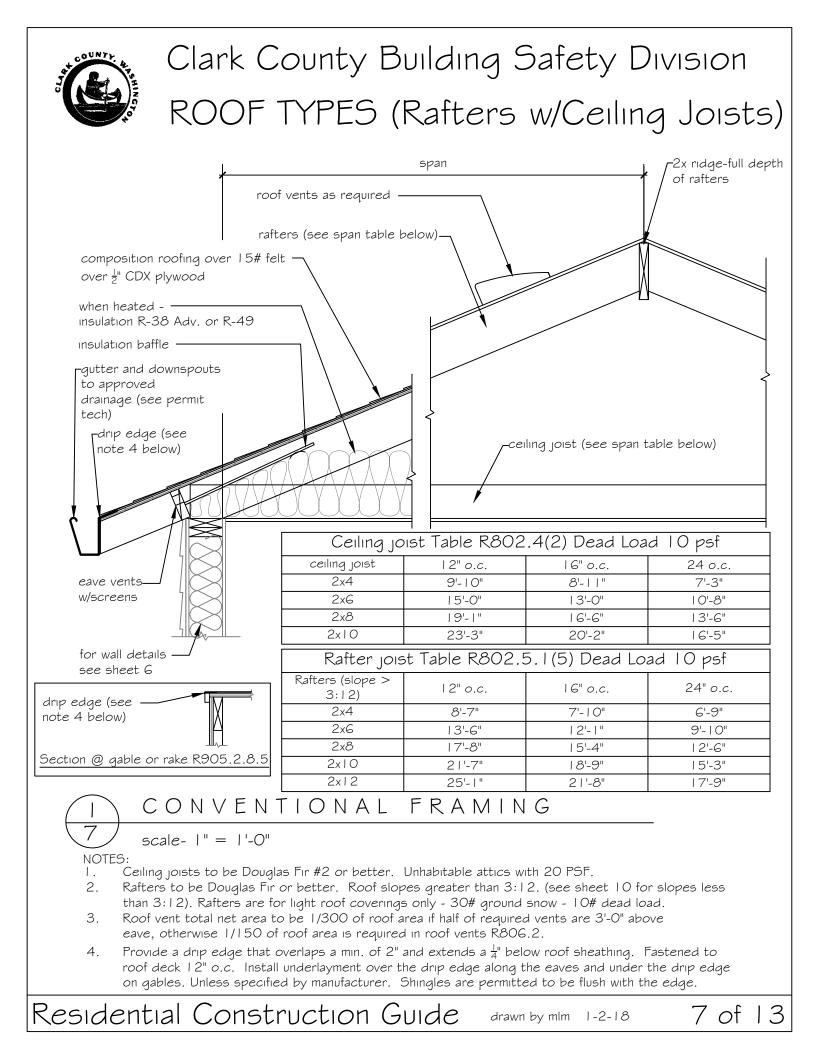


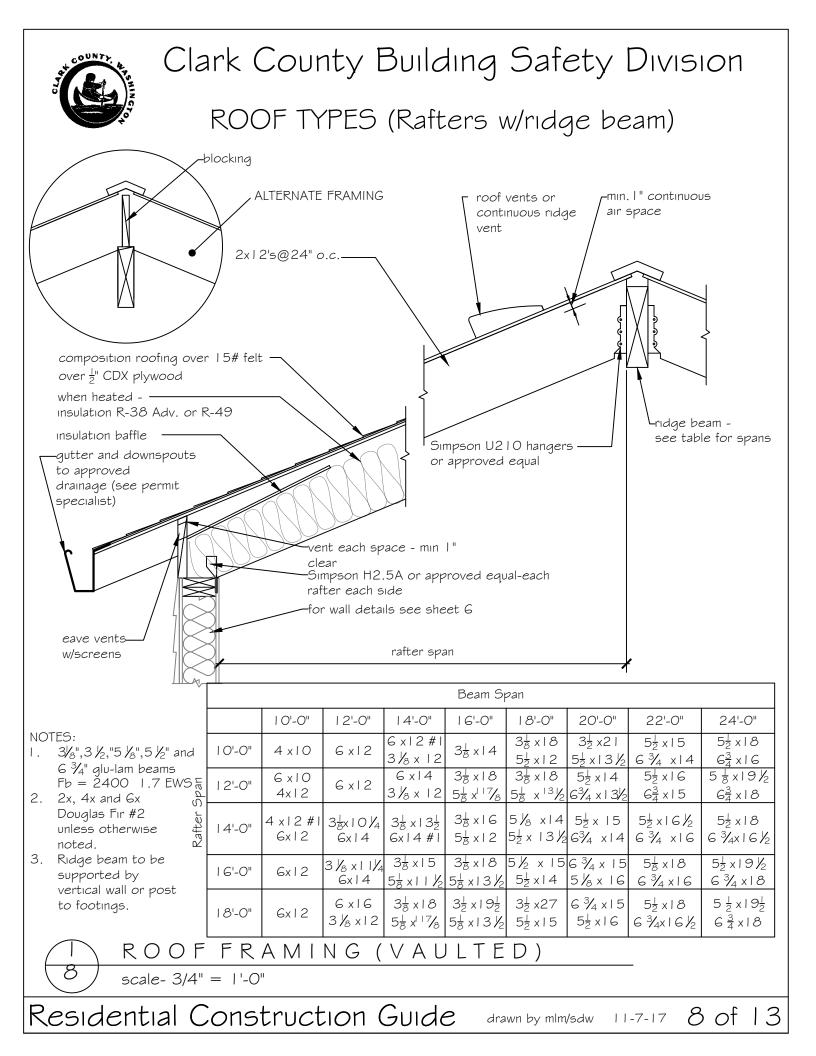


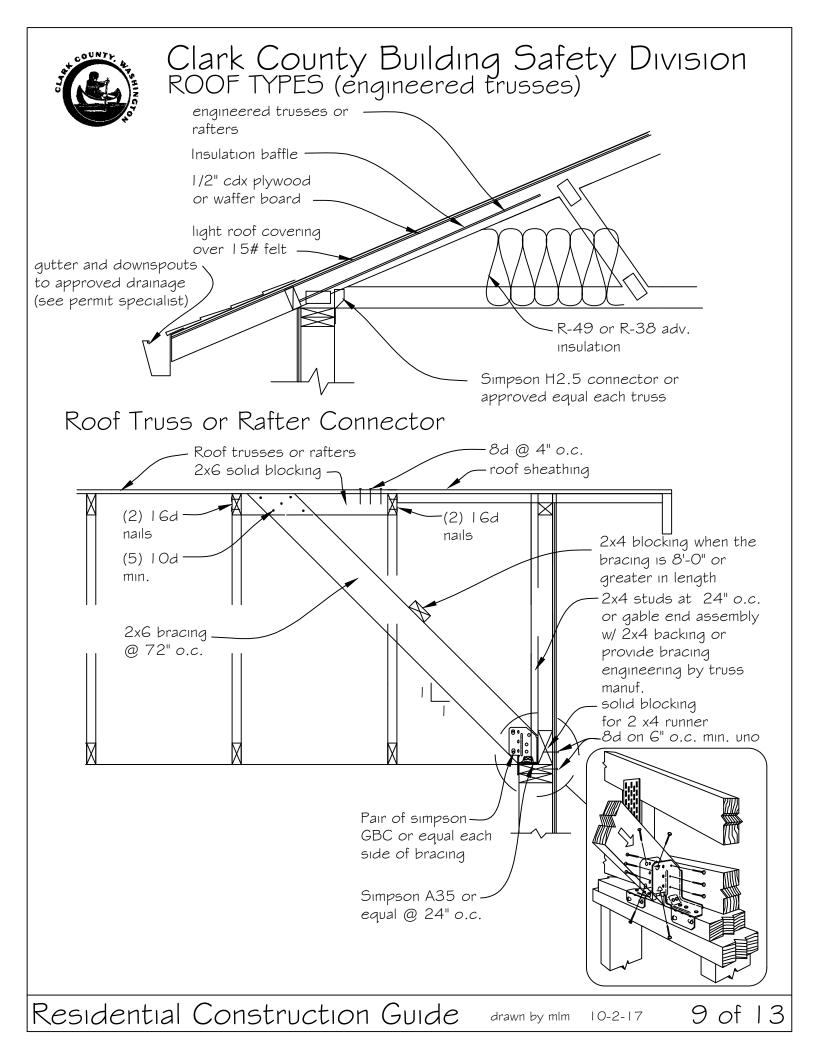


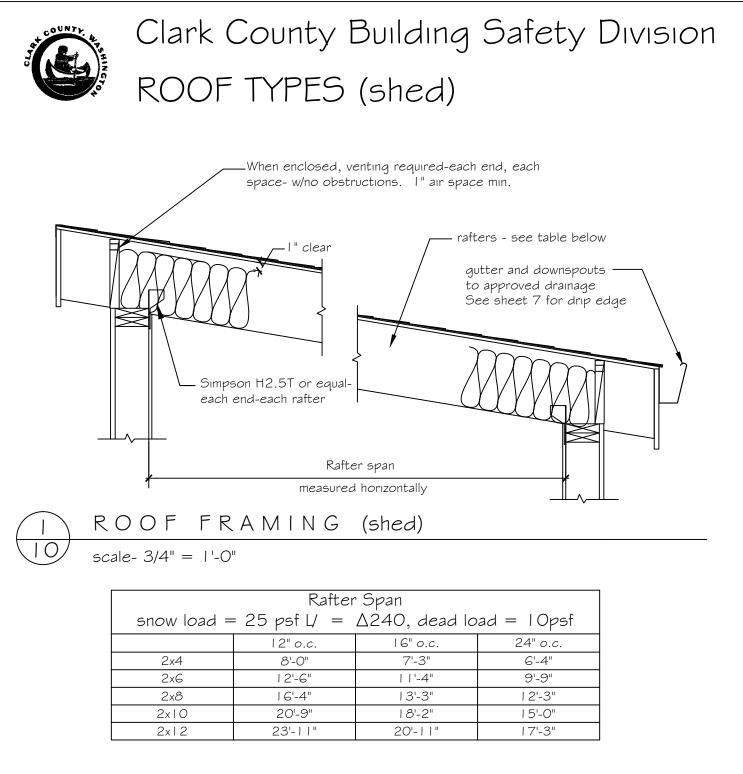
5 of 13











NOTES:

- 1. 2:12 slope min. for 3 tab composition roofing for slopes 2:12 to 3:12, two layers of 15# felt required, applied shingle fashion. R905.1.1. See page 7 for slopes over 3 in 12 slopes.
- 2. Pitches less than 2:12 are to be hot mop, metal, sheet metal, rolled roofing or other approved material, applied as directed in approved manufacture's instructions.
- 3. When ceiling is applied, vent each rafter space continuously through top and bottom blocking. When heated, insulate with R-38 (compressed 101/4")insulation, using 2x12 rafters to allow one inch vent space R806.3
- 4. When attaching to existing building show ledger, size and method of fastening joist and ledger. Show required flashing.
- 5. Douglas Fir #2. For slopes 2:12 to 3:12.

Residential Construction Guide

drawn by mlm 1-2-18

10 of 13

Clark County Building Safety Division



