



Residential Submittal Checklist

Community Development Department

3100 Belmont Blvd. Suite 104, West Richland WA.99353

(509) 967-5902 email: permits@westrichland.org

Property Address: _____

Staff Initials	Applicant Initials	Documents Required
		Completed and signed Building Permit Application
		Site plan: See Site Plan Requirements Checklist
		Submit full plan set (24"x36")
		Architect/Engineer of Record & Stamp – if prepared by an Architect/Engineer ALL SHEETS of calculations must be stamped
		Structural Calculations
		Truss Engineering (specifications)
		Manufactured beam calculations
		Manufactured floor joist layout (if using)
		WA State Energy Code Compliance Forms (all required residential forms and calculations) go to http://www.energy.wsu.edu/BuildingEfficiency/EnergyCode.aspx#EnergyCodeWorksheets
		A. Window Glazing Schedule
		B. Heat Load Calculations
		C. Energy Credits
		Geotechnical Design Report (if required)
		Lot slope more than 15% ___ YES ___ NO (Please note a topographic survey of lot maybe required for lots with a ground slope of more than 15%)
		Clearing & Grading Application (if applicable)
		Certificate of approval from Benton-Franklin Health Dept. (if connected to an on-site sewage system)
		Benton Clean Air soil destabilization or proof of contact form [These forms are required for all new construction or existing building remodel or addition. Please visit http://www.bentoncleanair.org and click on the associated link for your project type. For questions call (509)783-1304]

I acknowledge that all items designated on this page are included as part of this application.

Print: _____ Signed: _____ Date: _____
(Applicant)

Office Use Only

_____ Verify WA State Contractors License # _____ Verify West Richland Endorsement

Notes:

Climatic and Geographic Design Criteria

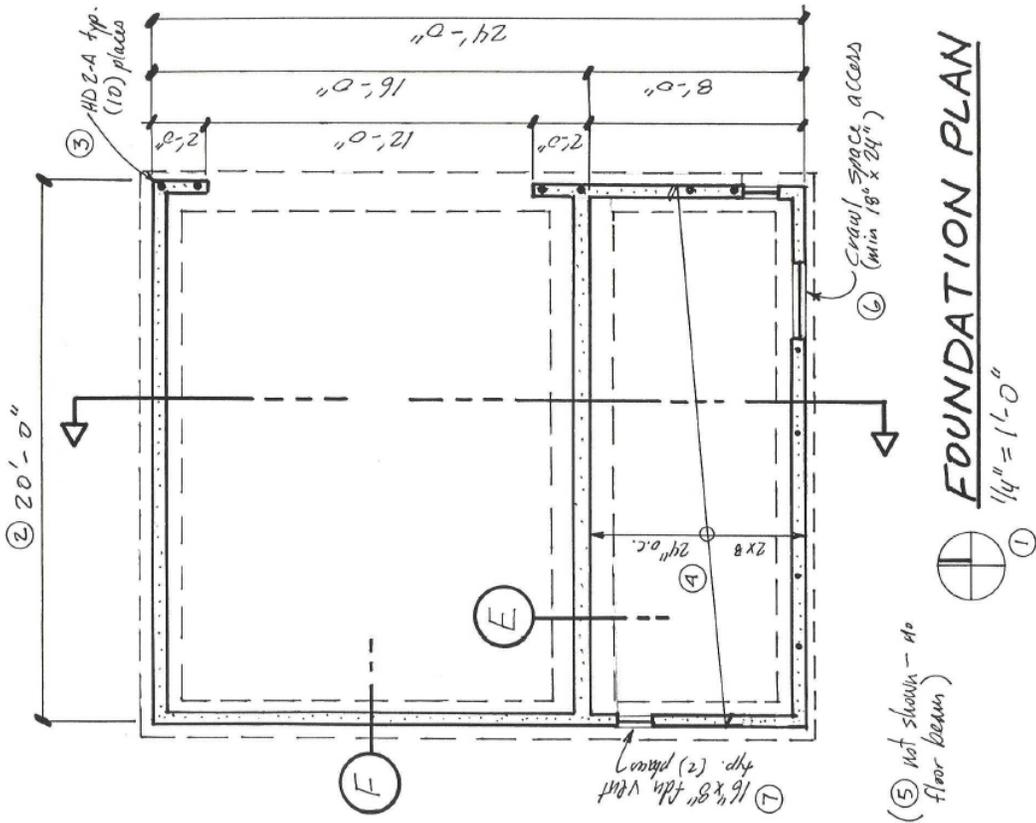
Table R301.2 (1) from 2015 IRC and from 2015 IBC General Design Criteria

Roof and Ground Snow Load	20 psf, (min roof live load is 20 psf also)
Ultimate Wind Speed and Exposure	100 mph (all parts of City are Exposure C)
Nominal Design Wind Speed	85 mph Wind Speed-up Req's of 1609.1.1. (IBC) Apply to all hillside & hilltop development
Seismic Design Category	C
Weathering	Severe (Ice Shield Underlayment is REQUIRED because of occasional severe conditions, see R905, but the underlayment is only applicable for roof slopes of 6:12 pitch or under, over 6:12 not needed)
Frost Line Depth	24 inches
Termite Damage	Slight to Moderate
Decay Damage	None
2015 Washington State Energy Code Design Temperatures: Climate Zone 5B	
Mean Annual Temperature	50° F
Winter	11° F
Summer	101° F
Summer Degree Range	30° F (change)
Yearly Degree Average	53.9° F
Heating Degree Days	4895
Cooling Degree Range	830
Average # of Clear Days	225 (occurs primarily April 1 to November 1)
Air Freezing Index	808
Other Design Information:	
Latitude & Elevation above sea level	46° North & 350 feet
Flood Hazard Information:	
Date City of West Richland entered NFIP	September 30, 1981 Panel # 530014 0001 B
Date of currently adopted flood maps	September 30, 1981 (FIRM maps)

A few pointers for successfully submitting a Residential Building Permit Application:

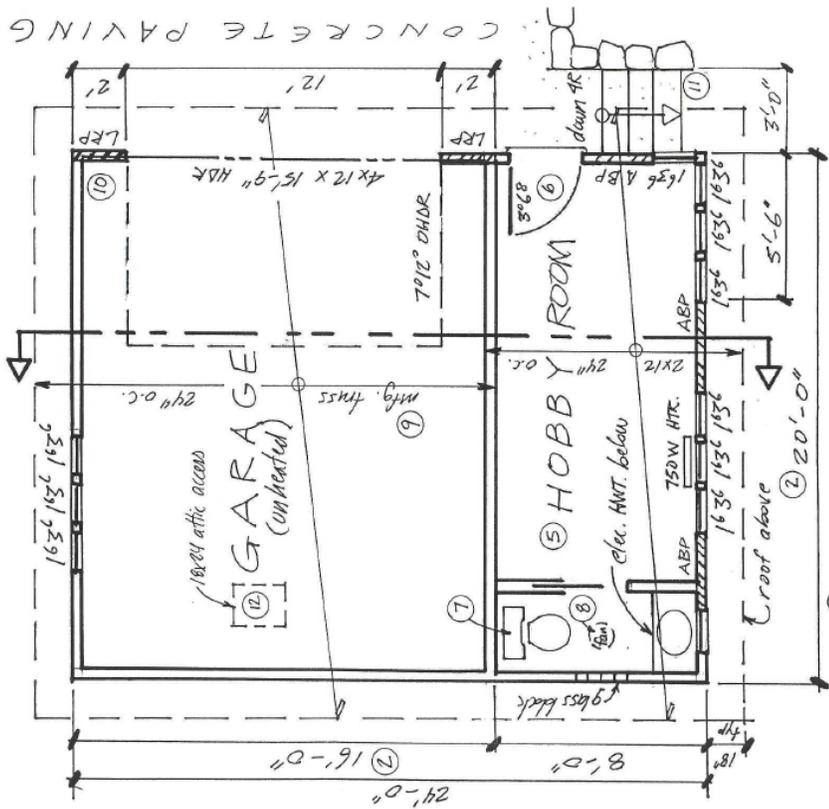
- Check with a Planner in our office to verify your setbacks, and to see if there are any restrictions on your property prior to submitting your applications.
- Check with the Building Department if you have any particular design questions. They can't design it for you, but they can give you very good information. This could prevent any delays in the approval of your application.
- Make sure all the blanks are filled in. They wouldn't be there if we didn't need the information. If you have any questions about the application ask the Building Department and they can assist you. We will not accept an incomplete application package.
- Your parcel number can be found on your property tax statement, it is 15 digits long. If you can't find it, call the Assessor's office at (509)786-2406 and they can find it for you.
- Check off the items on the checklist. It is there to help, if you don't include something that is on the checklist, it could hold up review and/or approval of your application.
- Make sure you have turned in your application for Well and Septic to the Health District at 7102 W Okanogan Place, Kennewick, WA 99336. Call (509)460-4200 if you have any questions.

EXAMPLE FOUNDATION PLAN



FOUNDATION PLAN
 $1/4" = 1'-0"$

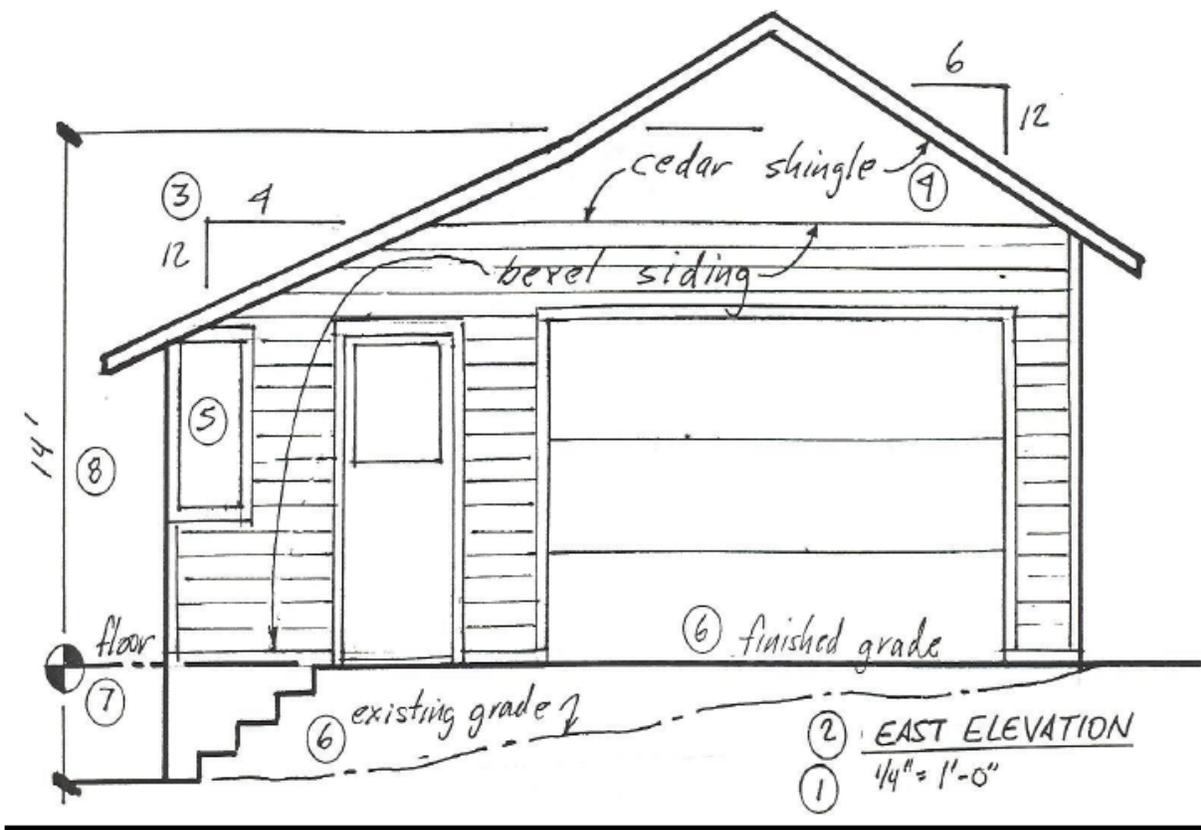
EXAMPLE FLOOR PLAN



FLOOR PLAN
 $1/4" = 1'-0"$

Floor area: (3)
 Garage $16 \times 20 = 320 \text{ ft}^2$
 Hobby $8 \times 20 = 160$
 Total 480 ft^2
 (13) not shown - see key plan
 (14) not shown - all new construction

EXAMPLE ELEVATION PLAN



CROSS SECTION EXAMPLE

