



Permit Center
 Location: 400 W. Gowe
 Kent, WA 98032-5895
 253-856-5300
 KentWA.gov/buildingservices

Base Plan Worksheet and Option List

MUST BE ON SITE FOR ALL INSPECTIONS

BASE PLAN OWNER TO MAINTAIN AN ORIGINAL OF THIS FORM AND PROVIDE A COPY FOR EACH BASE PLAN PERMIT

To be Completed for Base Plan Setup

BASE PLAN#:	PLAN#:
BASE PLAN OWNER:	
DATE:	

Building Features:

Unfinished Basement: _____ Sq. Ft.
 Finished Basement: _____ Sq. Ft.
 1st floor: _____ Sq. Ft.
 2nd floor: _____ Sq. Ft.
 3rd floor: _____ Sq. Ft.
 Unfinished Floor: _____ Sq. Ft.

Total Floor Area:

Garage/Carport: _____ Sq. Ft.
 Decks > 30" above grade: _____ Sq. Ft.
 Covered Porch/Deck: _____ Sq. Ft.
 Accessory Use: _____ Sq. Ft.

Number of:

Bedrooms: _____
 Bathrooms: _____
 Fireplaces: _____

Garage Swing:

Left: _____
 Right: _____

Prescriptive Design:

IRC WFCM AISI S230

Engineering Analysis Was Provided For:

- Full structure Foundation /Footings
- Partial lateral design Full lateral design
- Vertical loads: non-uniform and loaded non-simple beams

Snow Load: _____ psf Exposure: _____
 Wind Speed: _____ mph Ftg Depth: _____

Site Specific:

Engineering Required for Each Permit:

Yes No

To be Completed for Base Plan Permit

BASE PLAN PERMIT:	
CONTRACTOR:	
CONTRACTOR LIC #:	
PARCEL #:	DATE:
SITE ADDRESS:	

Approved Options List

Description	Yes	No	Adjustment	Page #

- Walls less than 5' to a property line must be 1-hour. Projections > 2 feet to < 5 feet from property line must have 1-hour fire-resistive construction on the underside or fire blocked from wall plate to underside of roof sheathing with no vent openings.

2015 Residential Energy Compliance Method

- R402.1 Prescriptive
- R405 Performance Based Analysis
See Attached (See requirements below)

Table R402.1.1 Prescriptive Requirements:

Flat Ceiling	R-49
Flat Ceiling - Adv. Frame	R-49
Vaulted Ceiling	R-38
Vaulted Ceiling - Adv. Frame	R-38
Wall Above Grade - 16" o.c.	R-21
Headers	R-10
Wall Below Grade, Int.	R-21
Wall Below Grade, Ext.	R-10
Floor over crawl	R-30
Slab on Grade	R-10
Doors	U.20
Windows/Vertical Glazing	U.30
Skylights/Overhead Glazing	U.50

Additional Energy Efficiency Requirements Energy Credits from WSEC Residential Provisions Table R406.2 that provide compliant credits for house size.

Option: _____ Total Credit: _____

 Value: _____

HVAC

Max: _____
 BTU's / Max: _____
 Watts _____
 Efficiency Rating _____ %
 HSPF Rating _____

Whole House Mechanical Ventilation System (Options 1-4)

- Section M1507.3.4 Whole house ventilation using exhaust fans
- Section M1507.3.5 Whole house ventilation integrated with a forced air system
- Section M1507.3.6 Whole house ventilation using a supply fan
- Section M1507.3.7 Whole house ventilation using a heat recovery ventilation system

Duct Testing and Air Leakage Testing

1. Air leakage and duct tests are required. WSEC R402.4.1.2, R402.4.3, R402.4.4, R403.3.3.
2. See the WSU Energy Extension website for compliance tools.

Certification of Compliance

WS IECC R401.3: A permanent certificate shall be posted within three feet of the electrical distribution panel. The certificate shall be completed by the builder or registered design professional. The certificate shall list all the predominate R-values of insulation installed in or on ceiling/roof, walls, foundation, slab or floor, basement wall, and ducts outside the conditioned spaces; U-factors for fenestration; and the solar heat gain coefficient (SHGC) of fenestration. Where there is more than one value for each component, the certificate shall list the value covering the largest area. The certificate shall list the type and efficiency of the heating, cooling and service water heating equipment, duct leakage rates including test conditions as specified in Section R403.3.3, and air leakage results if a blower door test was conducted.

Architectural Details Options

Plan meets **Diminished Garage** criteria of KCC 15.02.106 or *Diminished Garage Alternative Design Guidance* dated July 15, 2015

Yes No

Front Elevation meets:

- Façade and/or roofline modulation
KCC 15.09.045.C.3.a&b

Yes No

- Three Architectural Detail Elements
KCC 15.09045.C.3.c

Yes No

Side/rear elevation facing a public area meets:

- Façade and/or roofline modulation KCC 15.09.045.C.3.a&b

Yes No N/A

- Three Architectural Detail Elements KCC 15.09045.C.3.c

Yes No N/A

Location	Yes	No	Enhanced Design	Page #
Right Side				
Left Side				
Rear				