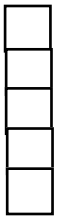


Repair & Replacement of Existing Decks
Replacements of existing decks that are in the existing footprint will be required to be brought to current code. Repairs will need to comply with the building code of the year built.

Please Note:
All permits are subject to field inspection with the understanding that applicants are responsible for code compliant construction practices. General inquiries regarding specific code questions may be made at any time; however, the applicant assumes the responsibility to correct all code deficiencies regardless of conditions.

Site Information
Assessor Tax Parcel Number:
Site Address and/or directions to property:
Description of Work:

Property Owner		
Name:		
Address:		
Phone #:	Email:	

Applicant, Contractor, or Authorized Agent/Representative		
Name:		
Phone #:	Email:	
License #:		

Owner/Builders Statement
The signer of this statement certifies that they are the Owners of the parcel referenced herein, that they are not licensed contractors and that they will be assuming the responsibility of the General Contractor for the proposed project.
Signature: _____ Print Name: _____ Date: _____

OFFICE USE ONLY		
Building Permit Fees		
Deck Permit Fee	DCD110	$214.00
Plan Check Fee (All new decks and rebuilds will need a plan check; most small repairs do not)	DCD119	$107.00
Environmental Health fee ($155.00 if required)	EH0202	
Project Scanning Fee	DCD122	$26.75
Land Use Fee ($321.00 if required)	DCD118	
State	DCD032	$6.50
	Subtotal	$354.25
Technology Fee – 5% of Subtotal	EH9999	$17.71
Total Fees*		**$371.96**

*Additional fees may apply

By signing this application form, the owner/agent attests that the information provided herein, and in any attachments, is true and correct to the best of his or her knowledge. Any material falsehood or any omission of a material fact made by the owner/agent with respect to this application packet may result in making any issued permit null and void.

Signature: _____ Print Name: _____ Date: _____

Inspections

Inspectors visit the construction site during the project to make sure that it complies with building code requirements (see General Building Code Requirements, below). Most decks require a minimum of two inspections:

- ✓ Footing Inspection—Inspected after the holes are dug and rebar placed but prior to the pouring of concrete.
- ✓ Framing Inspection—Inspected after all framing, blocking and bracing are in place and prior to closing the construction so as to make it inaccessible for inspection. This inspection can be completed at the time of the final inspection if all parts of the framing will be visible and accessible at the final inspection.
- ✓ Final inspection to be made upon completion of the deck and finish grading.
- ✓ Decks that are close to the ground need to be inspected prior to installing decking.

The inspector may conduct one or more inspections during one visit if they can observe all work done. Additionally, the inspector may make or require other inspections to ascertain compliance with the provisions of the code.

USE	LIVE LOAD lb per sq/ft
Decks	60
Exterior balconies	60
Guards and Handrails	200
Guard in-fill components	50

-Seismic Zone D2 - West End is D2 – R301.2(1)
-Soil bearing capacity 1,500 lbs unless there is a geotechnical report -
R401.4.1, R403.1
-Frost depth 12" below grade – 403.3(1)
-Roof snow load 25 PSF - Brinnon & West End 30 PSF – R301.2(5)
-West End is Forks, Queets, etc.
-Live loads for residential construction – R301.5

Detailed application requirements are noted below

Code Requirement	Code Reference
All wood must be pressure treated or of natural resistance to decay.	IRC R317.1
Fasteners, hangers, nails, etc., must be stainless steel, hot-dipped galvanized, or as specifically required for the specified wood preservative used.	IRC R317.3.1
Lateral connection is required to resist overturning	IRC R507.5.1
A minimum 2x8 ledge boards must be attached with structural wood screws to the building and all connections between the deck and dwelling must be flashed with metal flashing. Hold- down tension ties shall be installed in not less than 2 locations.	IRC R507.2-3(1) IRC R507.2.3 (2)
Joists are of appropriate size to support imposed loads. The span of a joist is measured from the centerline of bearing at one end of the joist to the centerline of bearing at the other end of the joist and does not include length of the overhangs. Use Table 1 to determine joist span based on lumber size and joist spacing.	IRC R507.5
All decks, balconies or porches, open sides of landings and stairs which are more than 30" above grade or a floor, measured 36" horizontal to the edge of the open side below, must be protected by a guardrail not less than 36" high. Open guardrails and stair railings require intermediate rails or an ornamental pattern such that a ball 4" in diameter cannot pass through.	IRC R312
Footings are of appropriate size to support imposed loads and extend a minimum of 12" below grade. See Table 1 for footing sizes.	IRC 403.1.4
Columns and posts exposed to the weather or to water splash must be supported by and connected to concrete piers or metal pedestals projecting above grade. Columns and posts in contact with the ground or embedded in concrete or masonry must be of special pressure treated wood approved for ground contact.	IRC R317.1.2 IRC R317.1.4
Positive connections required to secure posts to beams.	IRC R507.7.1
Decks should not overhang beams by more than ¼ the actual adjacent span, nor should beams overhang posts by more than ¼ the actual beam span at the ends unless a specific design is calculated. Floor joist spacing at 24" on center requires 2x decking, and floor joist spacing at 16" on center requires 1 ¼ actual thickness.	IRC R507.5 IRC R507.6 IRC R507.4
Deck stairs (exterior stairways) shall be provided with a source of illumination at the top landing, controlled from within the dwelling or by automatic means, and powered by the building wiring.	IRC R303.8

Prescriptive Construction Drawings

Construction Details

___x ___ Joist

_____ Joist spacing

___x ___ Support Beam(s)

___x ___ Support Post(s)

_____ Post Spacing

Footing Size:

Round: ____|__

Square: ___x___ by ___ deep

Deck elevation above grade: _____

Deck Supports or footings may not bear directly on top of septic system components. Setbacks of 10' are required from all sides of the drainfield,

5' from septic tank / 2' from septic transport line.

If the deck is located over the septic system, ensure access to septic lids and ports. Contact Environmental Health for assistance (360) 385-9444.

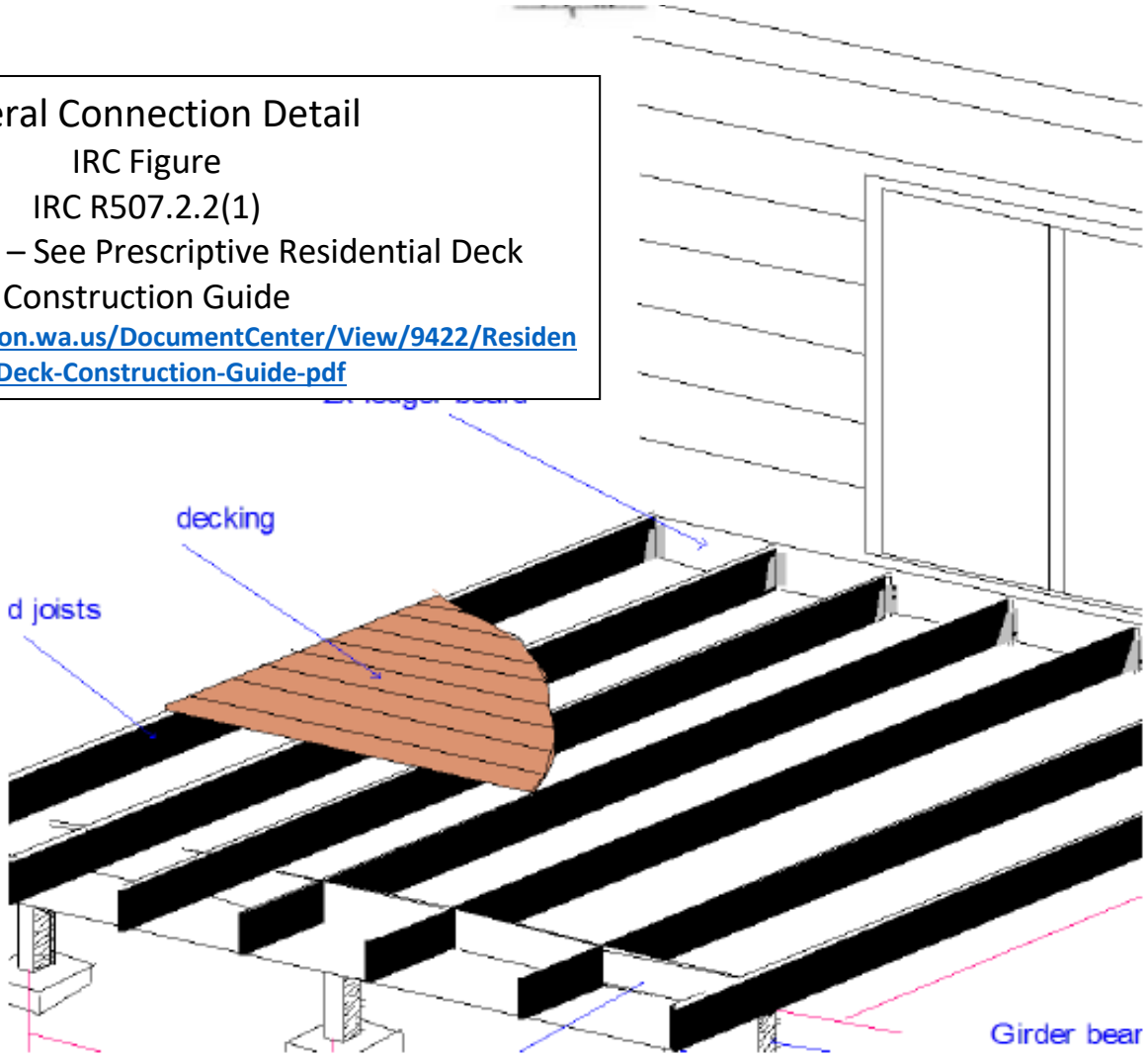
Lateral Connection Detail

IRC Figure

IRC R507.2.2(1)

IRC R507.2.3(2) – See Prescriptive Residential Deck Construction Guide

https://www.co.jefferson.wa.us/DocumentCenter/View/9422/Residential-Deck-Construction-Guide-pdf



Site Plan You may submit your own site plan or draw it on this template.
Site plans must include (at a minimum) the following:

- ✓ Property Lines
- ✓ All existing structures
- ✓ Location of septic components (main field, reserve field and tanks) and infiltration pits (if applicable)
- ✓ Location of proposed deck
- ✓ Dimension lines from deck to all property lines OR plan drawn to scale

If you are in a Plat or Short Plat, please verify whether you have additional setback requirements to consider from easements and/or buffers BEFORE applying for your permit. If you are unsure of your setback requirements, please verify with DCD staff. See Brochure #12 Residential Setbacks for Building in Rural Residential Zoning.