

BLACK FOREST FIRE RESCUE PROTECTION DISTRICT

CWRC CONTRACTOR COMPLIANCE FORM

Class 2 / Moderate - New Homes and Applicable Exterior Work

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COLORADO WILDFIRE RESILIENCY CODE (CWRC)

BLACK FOREST: MODERATE FIRE INTENSITY - CLASS 2

Use this form for contractor self-verification and BFFR permit clearance. It does not replace any field inspection BFFR requires.

PERMIT HOLD - REQUIRED FOR BFFR RELEASE

This form must be completed and returned to BFFRPD. For projects subject to an impact fee, return the completed CWRC form with the required impact-fee documentation/payment. BFFRPD will not release the PPRBD permit until the form is received, applicable BFFR fees are satisfied, and any BFFR review items are resolved.

WHEN DOES CWRC APPLY? - COMMON PROJECT TRIGGERS

NEW HOMES / NEW BUILDINGS

New habitable or occupiable construction: complete all applicable Class 2 structure-hardening and site sections.

ADDITIONS 500 SF OR MORE

If the work increases the existing footprint by 500 sq. ft. or more, the addition/alteration must meet new-construction CWRC requirements.

ROOF WORK 25% OR MORE

Replacing 25% or more of the roof covering - or work that effectively replaces it - triggers compliant roof covering requirements for the entire roof.

SIDING / WALLS 25% OR MORE

Replacing 25% or more of exterior wall surface - or effectively replacing it - triggers compliant exterior walls/attachments and the immediate 0-5 ft zone.

OTHER EXTERIOR WORK 25%+

Exterior alterations or repairs affecting 25% or more of the exterior or an attachment may trigger applicable CWRC requirements.

FENCES / ACCESSORY WORK

Fencing within 8 ft of a regulated structure and non-exempt accessory structures may trigger CWRC requirements. Contact BFFR when unsure.

IMPORTANT - NOT EVERY SECTION APPLIES TO EVERY PERMIT

Check the parts of the form that match the permitted work. Mark N/A for items that are not part of the project. New-home builds should complete all applicable building and site sections. If you are unsure whether a line applies, mark BFFR REVIEW instead of guessing.

1. PROJECT / PERMIT INFORMATION

Project Address

PPRBD Permit #

Project Type / Scope

Contractor / Builder

Phone

Email

Date Completed

PROJECT SCOPE - CHECK ALL THAT APPLY

☐ New Home

☐ Addition

☐ Roof / Reroof

☐ Siding / Walls

☐ Deck / Porch

☐ Windows / Doors

☐ Fence / Retaining Wall

☐ Accessory / Other

CWRC INFORMATION AND CONTRACTOR DOCUMENTS

www.bffire.org/colorado-wildfire-resiliency-code/

www.bffire.org/cwrc-documents-for-builders-and-contractors/

Questions: 719-495-4300 | fielding.lucas@bffire.org

BLACK FOREST FIRE RESCUE PROTECTION DISTRICT

CWRC CLASS 2 - ROOF, VENTS, EAVES & SOFFITS

Check only the items that apply to the permitted scope

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HOW TO USE THIS PAGE

New homes: complete all applicable items. Reroof-only permits: the roof items below are usually the primary section; unrelated walls, decks, windows, and site items may be marked N/A unless BFFR identifies them as part of the required scope.

A. ROOF COVERING, ROOF VOIDS & VALLEYS

Typically applies to new homes and qualifying reroof/replacement work.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
403.2	Roof covering / roof assembly is Class A when tested or listed to ASTM E108 or UL 790. Contractor check: verify the installed roof system is a Class A assembly.	☐	☐	☐
403.2.1	Where the roof profile creates an open space above the roof deck, the openings are protected against flame and ember entry using an approved noncombustible closure, compliant cap sheet, or listed Class A assembly.	☐	☐	☐
403.2.2	Roof valleys use corrosion-resistant metal flashing at least 0.019 inch (No. 26 gage) over a minimum 36-inch-wide ASTM D3909 cap-sheet underlayment running the full valley length.	☐	☐	☐

B. GUTTERS, DOWNSPOUTS & EMBER-RESISTANT VENTS

Check these where the project includes or exposes these components.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
403.3	Gutters and downspouts are noncombustible. Contractor check: plastic or other combustible gutter/downspout components are not used where this section applies.	☐	☐	☐
403.4	Attic, enclosed rafter-space, crawlspace, and underfloor vents are ember resistant: listed vents tested to ASTM E2886 OR approved noncombustible, corrosion-resistant mesh with openings no larger than 1/8 inch.	☐	☐	☐

C. EAVES, SOFFITS & FASCIA

New homes generally complete this section. Limited reroof work may mark N/A if these components are not part of the scope.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
404.2	Exposed eaves and soffits are protected on the underside with an approved Class 2 method, such as noncombustible or ignition-resistant material, qualifying rated construction, Type X gypsum, heavy solid wood, or exterior fire-retardant-treated wood allowed by the code.	☐	☐	☐
404.2	Fascia is installed and protected with a compliant material or approved backside protection so the eave edge is not left vulnerable to flame or ember exposure.	☐	☐	☐

Questions / items marked BFFR REVIEW on this page:

BLACK FOREST FIRE RESCUE PROTECTION DISTRICT

CWRC CLASS 2 - WALLS, DECKS, WINDOWS & DOORS

Check only the items that apply to the permitted scope

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HOW TO USE THIS PAGE

New homes: complete all applicable rows. Siding/exterior-wall projects: focus on the wall, wall-covering, flashing, and related attachment rows. Deck and window/door projects should complete only the matching rows and mark unrelated items N/A.

A. EXTERIOR WALLS, FLASHING & UNDERFLOOR AREAS

Applies to new homes and qualifying exterior-wall/siding work.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
404.3	Exterior wall assembly uses an allowed Class 2 method: approved 1-hour exterior-rated assembly, noncombustible material, heavy timber/log construction, exterior fire-retardant-treated wood, or ignition-resistant material.	☐	☐	☐
404.3.1	Exterior wall covering is noncombustible, exterior fire-retardant-treated wood, or ignition-resistant material. Vinyl siding is used only where the underlying wall assembly qualifies under the code exception and is approved.	☐	☐	☐
404.3.2	At ground, deck, and roof intersections, provide at least 6 inches of vertical metal flashing or other approved noncombustible protection between wall sheathing and exterior cladding. Protect exposed combustible sheathing while still allowing drainage.	☐	☐	☐
404.4	Underfloor areas are enclosed to the ground or otherwise protected to the applicable Class 2 exterior-wall standard.	☐	☐	☐

B. DECKS, PORCHES, WINDOWS, DOORS & GARAGE DOORS

Complete only the rows for features included in the project.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
404.5	Unenclosed deck walking surface is approved noncombustible material, Class A-rated material, exterior fire-retardant-treated wood, ignition-resistant material, or qualifying composite decking with at least a Class B rating.	☐	☐	☐
404.6	Porches, balconies, landings, exterior stairs, and similar projections are constructed to the applicable Class 2 exterior-wall protection standard.	☐	☐	☐
404.7	Exterior windows, glazed doors, door glazing, window walls, and skylights use tempered glass, multilayered glazing, glass block, or glazing with a fire-protection rating of at least 20 minutes.	☐	☐	☐
404.8	Exterior personnel doors are approved noncombustible construction, solid-core wood at least 1-3/4 inches thick, or have at least a 20-minute fire-protection rating. Door glazing also meets the glazing requirement.	☐	☐	☐
404.9	Exterior garage / vehicle-access doors resist ember intrusion. Gaps at the head, sill, and jamb are limited to 1/8 inch using an approved ember-resistant method such as qualifying weatherstripping, door overlap, or metal flashing.	☐	☐	☐

Questions / items marked BFFR REVIEW on this page:

BLACK FOREST FIRE RESCUE PROTECTION DISTRICT

CWRC CLASS 2 - DEFENSIBLE SPACE ZONES

Zones 1, 2 and 3 are grouped together on this page

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HOW TO USE THE DEFENSIBLE-SPACE SECTION

New-home builds should complete all applicable zone items. For limited permits, complete only zones included in the BFFR-required scope and mark unrelated items N/A. Distances are measured horizontally from the structure, attached decks, stairs, and projections.

ZONE 1 0-5 FEET

Immediate Zone

Noncombustible surface and ember/flare separation closest to the structure.

ZONE 2 5-30 FEET

Intermediate Zone

Reduce dead fuels, ladder fuels, and vegetation continuity approaching the structure.

ZONE 3 30-100 FEET

Expanded Zone

Maintain crown spacing and reduce fuels that can carry fire into the canopy.

A. ZONE 1 - IMMEDIATE ZONE: 0 TO 5 FEET

The area immediately surrounding the structure. This zone is also specifically tied to qualifying exterior-wall work.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
502.1.2	Use noncombustible hard-surface material in the 0-5 foot zone, such as rock, gravel, sand, concrete, stone/concrete pavers, or approved bare earth. Combustible mulch is not an acceptable hard-surface treatment.	☐	☐	☐
502.1.3	Remove shrubs, slash, combustible mulch, woody debris, accumulated pine needles/leaves, and other readily combustible plant material. Only qualifying ignition-resistant vegetation may remain where allowed.	☐	☐	☐
502.1.4	Do not plant new trees in the 0-5 foot zone. Any retained mature trees must meet the applicable size, crown-clearance, and pruning requirements so branches do not create a direct ignition path to the structure.	☐	☐	☐

B. ZONE 2 - INTERMEDIATE ZONE: 5 TO 30 FEET

Reduce fire intensity and break up continuous fuels as they approach the structure.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
503.2.2-3	Remove hazardous dead material from living vegetation and avoid large accumulations of logs, branches, slash, pine needles, combustible mulch, and similar surface fuels.	☐	☐	☐
503.2.4	Prune tree branches to the required height and maintain required crown clearance where tree crowns extend toward the structure.	☐	☐	☐
503.2.4.1	Arrange and space tree crowns to prevent a continuous fuel path toward the structure and to promote fuel discontinuity.	☐	☐	☐
503.2.5	Space shrub groups to reduce continuous fuels. Where required, shrubs are at least 10 feet from the edge of tree branches.	☐	☐	☐

C. ZONE 3 - EXPANDED ZONE: 30 TO 100 FEET

Maintain separation and keep fire on the ground rather than allowing it to move into tree crowns.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
503.3.2	Maintain the applicable minimum 6-10 foot crown-to-crown spacing between trees in the 30-100 foot zone.	☐	☐	☐
503.3	Reduce ladder fuels, dead/down woody material, dense regeneration, and concentrated surface fuels that could carry fire into tree crowns or toward the home.	☐	☐	☐

BLACK FOREST FIRE RESCUE PROTECTION DISTRICT

CWRC CLASS 2 - SITE FEATURES & PERMIT CLEARANCE

Return completed form to BFFRPD

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A. ACCESSORY STRUCTURES, RETAINING WALLS & FENCING

Complete only when these features are included in the permit or BFFR-required scope.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
404.10	Detached accessory structures less than 50 feet from habitable/occupiable space are evaluated for applicable Class 2 exterior walls, flashing, and underfloor protection.	☐	☐	☐
502.3	Retaining walls within 8 feet of the regulated structure, integral to structural support, or integral to required egress are noncombustible or ignition resistant.	☐	☐	☐
502.4	Fencing within 8 feet of a regulated structure, or to the closer property line where applicable, is noncombustible or ignition resistant unless an approved exception applies.	☐	☐	☐

B. ADDRESS, ACCESS & FIRE-PROTECTION IDENTIFICATION

Generally applies to new construction and whenever BFFR requires the item for permit clearance.

REQUIREMENT / WHAT TO CHECK		COMPLIES	N/A	BFFR
502.2.1	Required roads and driveways are identified and kept free of obstruction so emergency access is maintained.	☐	☐	☐
502.2.2	Fire hydrants, cistern connections, and other required fire-protection equipment are clearly identified and unobstructed.	☐	☐	☐
502.2.3	Permanent address is posted at the driveway entrance and is visible and legible from both directions of travel.	☐	☐	☐

C. CONTRACTOR COMPLETION / RETURN FOR PERMIT RELEASE

No signature or photographs are required unless BFFR separately requests additional documentation.

Completed By		Company	
Phone		Email	
Date		PPRBD Permit #	

RETURN REQUIREMENT - PPRBD PERMIT WILL REMAIN ON HOLD

Return this completed CWRC form to BFFRPD. If an impact fee applies, it must also be paid or otherwise satisfied. Items marked BFFR REVIEW, required inspections, and required corrections must be resolved before BFFR will release the permit to PPRBD.

BFFRPD USE ONLY

Impact Fee Required		Impact Fee Invoice / Record	
CWRC Fee / Invoice		Payment Status	
BFFR Review Result			
Permit Release Posted By		Release Date	

CWRC INFORMATION:

www.bffire.org/colorado-wildfire-resiliency-code/

www.bffire.org/cwrc-documents-for-builders-and-contractors/

Adopted CWRC, approved plans, amendments, and BFFRPD determinations control. Additional review or inspection may be required.