SHASTA COUNTY
CARR FIRE
PLAN CHECK
SUBMITTAL
RESIDENTIAL SINGLE FAMILY

REBUILDING TOGETHER
With the debris removal process for Carr Fire victims under way, the County is committed to implementing a rebuilding process that will ensure an expedited and hassle-free experience.

Shasta County
REBUILDING
PERMIT CENTER

1855 Placer Street
Redding, CA 96001
Telephone: (530) 225-5761
FAX: (530) 245-6468

ShastaReddingRecovers.org
Design Criteria:

- Seismic Category D₀ for CRC; D for CBC
- Basic wind speed (110 mph ultimate loading)
- Snow load (30 psf roof snow load); varies by parcel (30-50 psf); nonreducible
- 2016 California Energy Code Energy Efficiency Standards, Climate Zone 11-16
- 2016 California Green Building Standards Code
- Alternate Materials
- Soils report per CBC 1803 or CRC R401.4.1.1 (May use a subdivision soil report where allowed by CBC 1803.1.1 or CRC R401.4.1.1)
- Limited Density OwnerBuilt Rural Dwellings pursuant to adopted County ordinance, applicable only to owner-built and occupied dwellings
  - 1997 edition of the California Building Standards Code
  - “Materials and Construction Methods for Exterior Wildfire Exposure” requirements of current California Residential Code and/or current California Building Code, Chapter 7A
  - Residential fire sprinklers in accordance with current California Building Standards Code

Drawing Criteria:
Preferably, drawings shall be limited in size to 24 by 36 inches maximum. Plans must be clear and legible; non-legible plans will not be accepted. Preferred scale: 1/4 inch per foot for structural and architectural; 1 inch = 20 feet for site plans.
**Submittal Plan Documentation:**

- Two complete sets of legible building plans to include:
  - Site plan with drainage-direction arrows and erosion control methods
  - Architectural plans:
    - Floor plans
    - Roof plans
    - Exterior elevations
  - Structural plans:
    - Foundation plan
    - Floor framing plan(s)
    - Roof framing plan
    - Cross sections
    - Structural framing details
  - Relevant information on plumbing, mechanical, and electrical components
  - Truss layout
- Two sets of wall bracing design calculations in accordance with California Residential Code R602.10, when applicable.
- Two sets of structural engineering calculations, when required, stamped and signed by licensed California architect or engineer
- Two sets of truss calculations, when required, stamped and signed by licensed California architect or engineer
- Two sets of energy calculations signed by designer and/or owner
- Two copies of HVAC duct design per Manual D or J.
- One Assessor’s floor plan
- Forms:
  - [Permit Application](#)
  - [Owner Builder Form](#), if applicable
  - [Grading Application](#)
  - [Alternate Materials Request Form](#)
Specific Information on the Above Drawings:

General Information/Building Analysis/Design Criteria (cover sheet):
- Project name and address as well as project owner’s name, address, and phone number
- Name, title, address, and phone number of architect or engineer of record or plans preparer.
- Assessor’s parcel number
- Provide square footage of building and improvements (separate for house, garage, attic, porches, unfinished areas, porches, patios, and decks)
- Vicinity map, location, and north arrow
- Stamp and signature of design professional (all sheets) if applicable
- Square footage of all conditioned floor area
- Electrical service equipment size
- Is property located in a flood zone

Plot Plan:
- Property owner’s name
- Assessor’s parcel number
- Address of property
- North arrow and scale
- Acreage of property
- Dimensions/square footage and use of all buildings
- Indicate whether there are mobile homes or houses and indicate whether there is a garage attached to the house and list the size/dimensions
- Easements shown and labeled
- Sewage disposal system and well location, both existing and proposed. Also show the distance to the Neighbor’s sewage disposal system and well if less than 90 feet from property line
- Sewage disposal expansion area (if on private sewage disposal system)
- Roads and driveways shown and labeled, list length and width, turn radius (used for Fire Department and Public Works), and estimated grade
- Drainages and waterways shown and labeled. Indicate distances and toe and/or top of slope (seasonal or not) including seasonal or dry creek beds
- Location of soil profile pit and percolation test holes (for sewage disposal systems)
- Proposed utility locations; electric, cable, and meter location (if on a water district or sewer connection)
- All buildings connected to electric utilities and label if underground or on a pole
- All structures connected to sewer and water (example: detached shop)
- Nearest fire hydrant
Architectural and Structural Plans:

- **Floor plan**
  - North Arrow
  - Scale indicated
  - Show entire structure (label existing and proposed)
  - For additions and remodels provide an existing plan prior to the work with dimensions, windows etc.
  - Indicate use of all rooms
  - Ceiling height, building height
  - Interior & exterior walls and indicate whether all interior walls are finished
  - Door and windows
  - Stairways including rise, run, and width
  - Attic and underfloor access
  - Closets and counters
  - Pre-fabricated fireplace or stove meeting EPA phase II requirements
  - Furnace/HVAC unit, register, and return pair location
  - Electrical outlets, lights, switches, smoke detectors, electric panels
  - Plumbing fixtures (water heaters, toilets, showers, bathtubs, sinks, etc.)
  - Combustion air
  - Appliances (dishwashers, garbage disposal, clothes washer, dryer, oven, stove top, range, etc.)
  - Indicate all kitchens or cooking facilities
  - Exterior landings, decks, stairs

- **Elevations**
  - Roof pitch and roofing materials
  - All sides of subject structure (label existing and proposed, front, rear, etc.)
  - Indicate all exterior materials
  - Finished first floor elevation and exterior finished grade (show grade slope)
  - Eave overhang (include dimension)
  - Chimney/flue pipe

- **Roof Framing Plan**
  - Scale indicated, North arrow
  - Sheathing thickness, panel span rating, exterior glue, structural grade
  - Size, grade, spacing, and layout of all framing members
  - Stamped and signed manufactured truss plan(s) and layout if applicable
  - Detail attic ventilation
  - Cool roof and radiant barrier as required
- **Floor Framing Plan**
  - Scale indicated
  - North arrow
  - Show perimeter and interior bearing footings, slab, and piers
  - Stair foundation(s)
  - Details of each foundation section indicating size, reinforcement, and sill plate attachment
  - Shear wall(s) and holdown(s)/bolts, location(s), size and type

- **Building Cross-Section**
  - Scale indicated
  - Interior and exterior finish materials
  - Insulation matching energy requirements
  - Ceiling height(s)
  - Roof pitch(s)
  - Framing including size, grade, spacing, and layout of all framing members

- **Energy Forms**
  - Include signatures and supporting calculations showing compliance
  - Forms signed by the owner and designer
  - Forms shall be a permanent part of the plans

- **Grading Plan**
  - All areas of disturbance
  - Depths of cut and fill
  - Erosion control plan
  - Wet weather plan (Oct 15 – May 1)

- **Engineering/Calculations** (2 sets if applicable)
- **Wildland Fire Detailing** (must be detailed on the plans)
- **Soils report for new buildings** (2 sets or alternate approval for flat lots no basements)
Assessor's Plan:
- Floor plan depicting scaled dimensions
- Plot plan

Separate Permits and Plans if Required:
- Site retaining walls
- Propane tanks
- Fire Sprinklers
- Grading
- Encroachment
- Demolition

Environmental Health/Air Quality Divisions Approval is required for:
- Water wells
- Sewage disposal systems

NOTE:
Multiple information can be combined on plans for simple buildings if clarity is maintained. This is not a complete list of all required submittals, and additional information may be required to facilitate plan review. Other public agencies may have to review approved plans before permits can be issued.

<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>PHONE NO.</th>
<th>RESPONSIBILITY</th>
</tr>
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<tbody>
<tr>
<td>Building Division</td>
<td>225-5761</td>
<td>Plan review, building permits, inspections, grading and erosion control</td>
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<tr>
<td>Planning Division</td>
<td>225-5532</td>
<td>Use permits, signs, zoning, addressing</td>
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<tr>
<td>County Fire</td>
<td>225-2425</td>
<td>Fire sprinklers, defensible space</td>
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<tr>
<td>Department of Public Works</td>
<td>225-5661</td>
<td>Flood review and encroachment</td>
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<tr>
<td>Office of Education</td>
<td>225-0225</td>
<td>School fees</td>
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<tr>
<td>Environmental Health Division</td>
<td>225-5787</td>
<td>Sewage disposal systems, water wells, pools, and hazardous materials</td>
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<td>Air Quality Management District</td>
<td>225-5674</td>
<td>Fugitive dust</td>
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