



Building Department Plan Submittal Requirements for New S.F.D.

Submit (4) complete sets of plans. All plans shall be neatly drawn upon substantial paper (24" x 36" max), exactly as the building is to be constructed. Provide job address and property owner's name, address and telephone number on all pages. Indicate construction type and whether fire sprinklers are required. Defaced, incomplete, illegible or faded plans will not be accepted. Number pages. Minimum plan requirements:

- Plot Plan:** Drawn to scale (suggested scale 1" = 10'), or dimension all critical dimensions if not drawn to scale. Provide North arrow. Indicate the size, use & setback dimensions of all proposed construction, including all flatwork, retaining walls, etc. Provide dimensions, elevations & section views to indicate proper drainage around & away from proposed construction. Indicate the electrical service, gas meter & water meter locations. Indicate the paths of all underground utility feeds to the new house (water, sewer, gas and electrical). Specify the main disconnect rating of the electrical service panel. All new electrical meter service MUST be placed underground.
- Foundation Plan:** Provide a plan view of the foundation slab in building footprint & cross-sectional details of all footing configurations. Indicate all hold-down devices & anchor bolt sizes, depth of embedment, pad elevation, finish floor elevation & spacing.
- Floor Plan:** Scale to be 1/4" = 1'. Provide a fully dimensioned plan view of the proposed structure. Indicate the size, types & locations of all windows & doors. Indicate all plumbing, electrical and mechanical fixtures and equipment and clearances around them. Provide specifications for all HVAC equipment (efficiency ratings, input BTU ratings, tonnage, etc.). Specify the ceiling heights in all areas.
- Roof Plan:** Provide a plan view of the proposed roof. Indicate the size, spacing & directions of all rafters, including all existing rafters below areas of new "California" fills. Indicate lines of purlin bracing & dimension all spans. Truss roofs require the submittal of "wet-signed" truss plans & calculations (2 sets). Indicate any rooftop equipment (HVAC, solar, etc.) and dormer-type attic vents.
- Exterior Elevations:** Provide elevations adequate to identify all exterior features. Indicate doors, windows, finish floor line, grade line at foundation, wall heights, exterior finish, attic vents & roofing material. Roofing material is to be minimum Class "B" fire-rated & installed to meet all high wind requirements. Indicate roof pitch(s).
- Framing Plan:** Provide a detailed framing plan identifying all structural elements per floor. Indicate the species and grades of all lumber. Specify all structural members and their sizes and spacings. Indicate all required framing connectors. Provide a cross sectional detail of all spans and bearing points. Provide details of all main structural connections. Indicate interior finish materials on cross sections.
- Energy:** Provide complete Title 24 energy documentation. "Blue line" signed CF-1R. Norco is in Climate Zone 10, which requires cool roof compliance.
- Design:** All work is to comply with 2022 CPC, CMC & CBC (including Appendix Chapter 23), & the 2022 CEC (2018 NEC). Design wind speed is 96MPH, exposure "C" (28.7psf @ 15'). All structures not conforming to the conventional framing provisions of the CBC will require professional design (engineering analysis and stamp).

BUILDING & SAFETY DIVISION