

## Community Development Department

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CITY of NAPA

### RE-ROOFING - TILE BUILDING DIVISION POLICY

There are very important considerations that need to be addressed before a building permit can be issued for a re-roof where tile or any other heavy roofing material is being proposed. There are many roofing material manufacturers and the manufacturer's roofing material weights vary considerably. The Building Division staff will evaluate each re-roof case by case. Before submitting documentation to the Building Division to re-roofing from comp to tile or other heavy materials, please ensure the following items have been addressed and incorporated into the submittal as necessary:

#### ITEMS TO BE ADDRESSED:

1. Submit two sets of documentation from the manufacturer for proposed roof tile or heavy roofing material. Clearly specify which manufactured product is being proposed. Please ensure the manufacturer documentation does include weight of proposed roofing material.
2. If the weight of proposed roofing material (item 1) exceeds 6.0 psf with existing roofing material removed, two sets of plans and documentation must be submitted meeting the applicable requirements of "a" and "b" below:
  - a) Plans must be submitted showing complete conformance with the California Building Code 2001 CBC 2320 "Conventional Construction Provisions" or a complete structural analysis and calculations will be required analyzing existing structure for compliance with the 2001 California Building Code for gravity loads as well as lateral loads. For structural modifications necessary to bring building into conformance with the 2001 California Building Code, please submit complete structural calculations, design, and detailing for each framing level. The framing plans must include design and details for all members supporting floor, walls, and roof structure above and include such members as floor beams, post design and details, etc. Please ensure that there is a complete load path for transferring gravity and lateral loads from roof framing to foundation that includes all necessary connection details as needed. Provide framing key planes) in the structural calculations which will clearly coordinate where designed elements (beams, shear walls, frames, etc.) can be located on the structural plans. Please key all details as to location on plans.
  - b) If existing roof construction includes trusses, please submit manufactured truss calculations verifying additional loading being added to trusses, truss layout drawings, and truss diagrams as necessary, signed and stamped by a licensed engineer in the State of California. Building Engineer of Record shall approve truss shop drawings for conformance with building design. If truss shop drawings are to be deferred, please indicate on plans that Engineer of Record shall review truss shop drawings and approve for conformance prior to submitting to the Building Division. California Building Code 2001 106.3.4.2.

All forms and handouts are available on [www.cityofnapa.org](http://www.cityofnapa.org)