



Schulz Single Family Residence Monte Sereno, California

Civil and Structural Engineering



The 1989 Loma Prieta earthquake provided the impetus for the near complete transformation of this aging residence into a crisp and cozy home featured in *Sunset* magazine. The existing home was surrounded by many unique specimen plantings, including 60-year-old wisteria and 'Lady Banks' rose vines all of which were preserved, protected and integrated into the plans for remodeling and rebuilding this residence.

By raising the ceilings and adding a skylight filled hallway down the spine of the home, natural light now spills into the innermost portions of the main floor area. Skylight size and spacing was matched with the rhythm of the new roof structural framing keeping costs to a minimum.

The organization of the structure along the spine was reflected into the expansion and transformation of the existing basement into a fully functional lower floor living area. The new reinforced concrete foundation supporting the spine did double duty as the rearmost wall of the lower basement floor area allowing the lower floor transformation to be completed at minimum cost.

Client Reference:

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Budget: \$150,000

