

# REDWOOD DESIGN

## *A Showcase of Redwood Outdoor Projects*

As you view this collection of redwood garden projects, you will see the amazing versatility of redwood in exterior uses. There are such a variety of applications that it seems the outside may be the favorite part of many people's home. Is it yours?

*Be inspired! Get excited!* Then steal some of these great design ideas for your own landscaping efforts. Redwood's beauty, durability and exceptional dimensional stability make these projects so successful. They look great when new and they will look great for years to come.



GALLERY

# DECKS

## The great American out

*Decks are everywhere – an estimated two to three million new decks are built every year. Design trends are moving away from the traditional rectangular and square structures. Contemporary redwood decks feature angular, asymmetrical and curved shapes and changing levels. Railings are more creative and often incorporate lattice, built-in lighting and accents of glass and metal. Most of all, today's decks are loaded with amenities – spas, shade shelters, gazebos, outdoor kitchens, and intricate staircases. Feast your eyes and imagination on these projects . . .*



Design: Decks Appeal, Plano, TX

**Angular sectional deck.** Construction Heart/Deck Heart segments are joined by walkways. A focal point is an artful fountain and spa. Lattice railings and inviting built-in benches complete the design.



Design: Henry P. Angeli, Petaluma, CA

**Color-keyed deck addition.** Multi-level Construction Heart/Deck Heart project includes an inviting shade shelter. White railing and trellis and grey decking blend with house colors to create a seamless transition.



Design: Decks by Kiefer, Pittstown, NJ

**Striking ultra-contemporary deck.** Slender 2x4 knotty decking was placed in alternate directions to highlight graceful level changes. Brushed stainless steel rails add a modern tone.



Design: Colorado Custom Decks, Colorado Springs, CO

**Modern transitional addition.** Handsome three-tiered Construction Common/Deck Common deck features imposing stucco columns and steel railings. Accents are designed and color coded for greater integration with the house.



Design: Mark Becker, Sausalito, CA

**Multi-level deck.** Extensive backyard project includes a platform built into a slope in the yard. Elements encompass built-in benches and planters, a staircase and lattice under-structure screening.



# door expansion...

# DECKS

Design: Dr. Robert F. Powers, Redding, CA



**Deck-around-a-tree.** An existing oak is the centerpiece of a multi-level garden grade structure. A bench surrounding the tree, wrought iron railings and built-in lighting are other features.

Design: Sun Wave Construction, Shasta, CA



**Sheltered spa structure.** A bubbling spa is built into a multi-level, knot-textured deck. Design elements include a soaring shade trellis and a privacy screen with an intricate cutout pattern.

Design: BFB & Associates, Novato, CA



**Geometrical tree-shaded deck.** Inviting deck features a spiral staircase and six-sided contour. Concentric deck patterns and built-in benches as well as planters with the hexagonal theme add to the setting.

Design: BFB & Associates, Novato, CA



**Six-sided modular hillside deck.** Striking hexagonal deck includes built-in lighting. Using remarkable craftsmanship, the decking, benches and railings were all shaped using the six-sided format.

Design: Decks by Kiefer, Pittstown, NJ



**Curved deck with amenities.** Handsome deck features an appealing curved bench flanked by built-in planters. The decking was installed in a herringbone pattern.

Design: John Hemmingway, Los Altos, CA



**Angular party deck.** Designed for entertaining, this freestanding deck includes sunken spa, outdoor kitchen, eight-foot lattice fence and built-in benches and planters. Ceramic tile is a colorful accent.



# DECKS

## ... rooms with views.



Design: Terra Design Group, Sausalito, CA

**Curved lap pool deck.** A combination of Construction Heart/Deck Heart redwood and brick surrounds a black-bottomed lap pool and hot tub. A semi-circular privacy trellis screens the pool from a nearby street. An existing oak tree was incorporated into the design, adding shade and reflections.



Design: Mike Lervick and Vicki Mandin, Maryville, WA

**Puget Sound view deck.** Following the lines of a steep, sloping site, this expansive deck flows down via curved steps. Panels of tempered safety glass screen wind without obstructing spectacular views.



Design: Scott Padgett, Idyllwild, CA

**Sculptured mountain deck.** Sapwood-streaked, Clear grade rounded deck includes five levels. A wooded sloping site dictated the profile. A circular built-in bench cantilevers over a creek.



Design: Alex Porter, Concord, NC

**Southern porch-style addition.** Asymmetrical curved deck incorporates porch-like elements including large pilaster posts trimmed with decorative moldings and containing built-in lighting. Decking was installed in a Y-shaped pattern.



Design: Scott Padgett, Idyllwild, CA

**Spacious contoured deck.** Multi-level Clear grade deck includes built-in seating, intricate railings and an inviting balcony. Using outstanding craftsmanship, intriguing multiple curves were incorporated into the deck shape, level changes, railings, bench and upper-story deck.



Design: Ernie Reilly, Reno, NV

**Graceful redwood-and-copper-railed deck.** Elements of this simple, but elegantly detailed, knotty deck include a gently rounded shape and redwood and copper pipe railings. Redwood lattice screens the underside of the deck.



# For all reasons...

*Today's redwood fences are functional yet elegant. The variety of design options available enables a homeowner to create a structure that is truly tailor-made to the site. By softening sounds and providing a barrier to wind and sun, a fence can increase the pleasure of outdoor living. A redwood fence also contributes to a home's overall ambiance, appearance and value.*

Design: Westbrook Klos, Sausalito, CA



**Louvered poolside privacy screen.** Graceful, seven-foot-high redwood fence screens a pool from surrounding houses. The pool also features a multi-level redwood deck that appears to float at its edges. Fence boards were louvered to allow views of the landscape while creating a property line barrier.

Design: Mr. Deck™, San Martin, CA



**Handsome columned fence.** Intricate design consists of tongue and groove boards topped by a strip of redwood-ribbed lattice and then by louvers which are set at a 45° angle.

Design: Timothy R. Bitts, Redding, CA



**Eye-catching privacy screen.** Part of an overall redwood deck project, a Construction Heart/Deck Heart fence shields a spa setting from neighboring yard. The intriguing design includes sculptural cutouts and top trim of redwood uprights.

Design: Reutinger Design, Albany, CA



**Grapestake sculpture fence.** Elegant six-foot-tall grapestake fence flows in sections up a sloping site. Grillwork panels punctuated with whimsical inserts of metal snake sculptures cap the structure.

Design: Grant Jones, Placerville, CA



**Gabled hillside fence.** A series of Construction Heart/Deck Heart panel modules are stepped along a sloping site. Intriguing fence top design consists of alternating inserts of uprights and gabled roofs.

# FENCES



# GATES

## Grand entrances . . .

*The most successful redwood gates create a sense of arrival and anticipation. A gate is the first thing a visitor encounters and sets the tone for the property. Some gate solutions are basic, blending with a fence or surrounding landscape. Others are ornamental and may be framed with a canopy or arbor to create a natural and pleasing portal.*



Design: Peter Golze, AIA, Berkeley, CA

**Entry gate/pergola/fence.** Inviting entryway includes a lacy latticed and curved gate topped by an imposing layered pergola. A fence with matching latticework provides privacy and security.



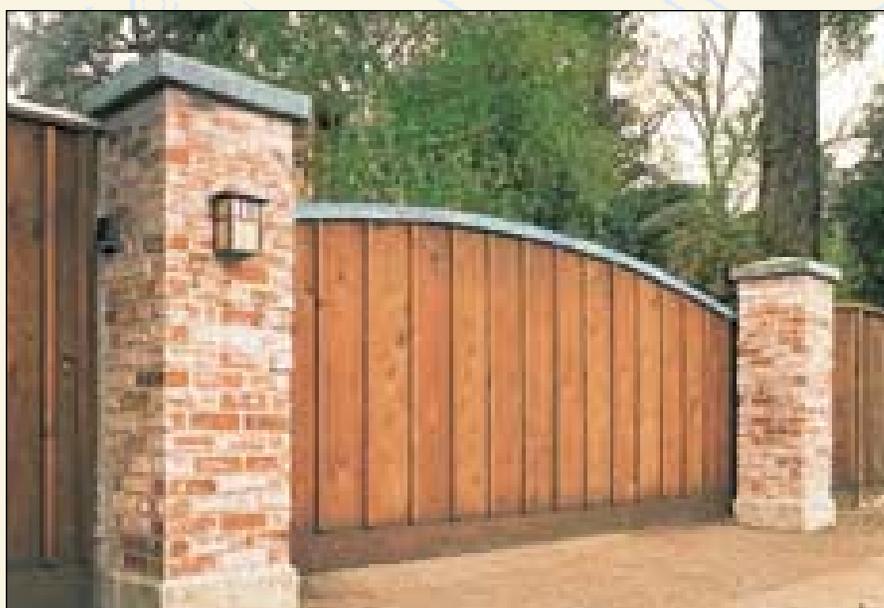
Design: Redwood Fence, San Francisco, CA

**Inviting gate with trellis.** A soaring multi-layer canopy tops this sapwood-laced fence and gate. The ends of the trellis boards were artfully shaped to add design interest. The double gate boards were placed diagonally to create an eye-catching entry.



Design: Calasian Hardscapes, Oakland, CA

**Craftsman-style property line fence.** Fence and driveway gate include upper railings styled in a concave shape and alternating sizes of upright fence pickets. Iron strap hinges were handmade.



Design: Woody's Fences, San Anselmo, CA

**Construction Heart security fence.** Simple, yet elegant board and batten driveway gate has a graceful arched shape. Top is trimmed with copper. Brick columns topped with copper capitals flank the gate and provide an imposing sense of arrival.



Design: Julian Hodges, Oakland, CA

**Japanese-style entry.** A fence, sturdy iron-hinged entry gate and copper-clad portal beams and trellis elegantly transform open space from curb to front door.



# Arbors, gazebos and more . . .

*Amidst the stress of the modern world, redwood outdoor structures are an increasingly popular addition to a deck, garden or backyard setting. They are delightful places to retreat from the world, enjoy the garden, read a book or entertain friends. The sensation of being in an open, but sheltering structure is soothing and relaxing.*

Design: Bryan Hays, Ahwahnee, CA



**Imposing deck and pavilion.** A curved Construction Heart/Deck Heart platform encases a swim-in-place pool. A soaring redwood shelter featuring arches and lattice accents dramatizes the project. Built-in benches and planters and sturdy safety rails complete the inviting setting.

Design: Jerome Loston, Hercules, CA



**Deck and angular trellis addition.** A Construction Common deck is enhanced by a shady set of twin trellises with a sloping design. Built-in benches and redwood fence complete the attractive setting.

Design: Rex Higbee, Modesto, CA



**Corner bench deck shelter.** L-shaped bench transforms a bare corner of a deck. The 9x9 structure has a hip roof that creates a shady retreat. Classic redwood lattice panels form the back of the bench, echoing adjacent deck railings.

Design: Imperial Decks and Enclosures, Independence, KY



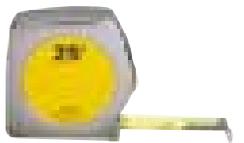
**Pagoda deck shelter.** Construction Heart deck is enhanced by a pagoda-like gazebo. The structure is characterized by eye-catching curves and arches and includes a ceiling fan and antique weathervane.

Design: Gregory Onsager, Madison, WI



**Romantic gazebo and deck.** A nostalgic 12-foot diameter octagonal gazebo rests on a pod attached via a staircase from a deck addition. Gazebo elements, understructure and railings were painted a crisp white for extra eye appeal.

# SHELTERS





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# REDWOOD DESIGN GALLERY

**LOOK  
 INSIDE!**

*Full-color showcase  
 of redwood decks and  
 outdoor projects...*



## FAQs—frequently asked redwood questions

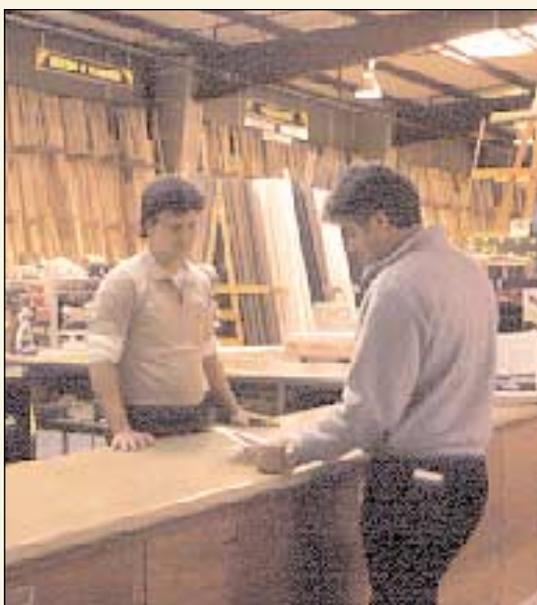
**What decking and joist spans should be used when designing my redwood deck?**

Construction Heart or Construction Common 2x6 decking should be nailed to joists, which are spaced no more than 24 inches on center. Joist spans vary according to the dimension used and the joist spacing. For example, typical 2x8 Construction Heart joists spaced 24 inches on center can span 8 feet 9 inches between support beams. Extra weight on the deck surface, such as large planters, hot tubs or spas, requires additional support.

**What redwood grade should be used for my deck posts or fence posts?** Use heartwood grades, such as Construction Heart, for applications on or near the ground. These grades should also be used for deck beams and joists which are within six to twelve inches of the ground.

**What can I do to build a deck surface which will look good for a long time?** Install decking with the bark side up to minimize grain raising. Use only one nail per bearing to minimize splitting. Drive nails or screws flush with the deck surface; do not counter sink fasteners.

**Is there any special hardware I should use when building a redwood deck?** Nails, screws, fasteners and all hardware used outdoors or near moisture need to be non-corrosive. Do not use electroplated galvanized hardware—it will cause stains. Use top quality 16-penny ringed-shank or



spiral-shank nails to attach redwood decking. Deck screws are also popular. Use self-tapping screws with bugle heads. Many styles of hardware that fasten decking from underneath are also available. With these products, no nails or screws are visible on the deck surface.

**Do I need to finish exterior redwood?**

Redwood will perform better than most other woods if left without a finish. This no-maintenance option will result in a weathered rustic appearance. Color changes will depend on the local climate and over time, many projects will weather-bleach to a soft driftwood gray.

Redwood also accepts and holds a variety of finishes, from clear stains to solid color paints. To extend the life of your outdoor project, use finish products which contain water repellents, mildewcides and ultraviolet light blockers or absorbers.

**My redwood deck was left unfinished for several years. How should I prepare the deck and bring back its color before refinishing?**

For years the CRA has recommended the tried-and-true method of a preliminary scrub with TSP and household bleach to clean the deck and remove mildew. To remove stains and restore the natural color, oxalic acid is then applied. Recently, however, many excellent commercially formulated deck cleaners and restorers have become available. These are based upon non-chlorine bleaches, detergents and/or oxalic acid. The manufacturers of these commercial products supply comprehensive directions.