

The Cedar Book  
**AT ONE  
WITH  
NATURE**

*Volume 7*

WESTERN RED CEDAR LUMBER ASSOCIATION



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The Cedar Book

**AT ONE  
WITH  
NATURE**

**L**et's face it – Mother Nature broke the mold when it comes to beautiful design. So the smartest thing we mere mortals can do is live in harmony with her geographical grandeur, and few building materials help achieve that better than western red cedar (WRC). Thus, the theme of this year's Cedar Book is "At One With Nature."

Celebrating naturalistic luxury and innovative design, the following chapters showcase 13 of the most spectacular residential projects from around the globe. In each – whether it's a stunning island home in New Zealand or a transformational New York retreat – the architecture is in direct dialogue with its natural surroundings. Playing a key role in this merger between progressive design and environment is the use of western red cedar.

As many architects know, western red cedar is not only naturally beautiful, but also very versatile. This is due to the fact that it's pitch-free and resin-free, making it ideal for accepting and holding a wide range of aesthetically pleasing finishes and stains. As well, western red cedar is naturally resistant to rot, decay and insect attacks. Hence, the projects featured in this book will stand the test of time and require relatively low maintenance. This durability is attested to by the majestic, centuries-old totem poles of the Pacific Northwest, which are traditionally carved from western red cedar.

Choosing this highly revered species also ensures a lighter carbon footprint than using other building materials. That's because it's harvested from the most sustainably managed forests in the world. In fact, more than 85 percent of timberland in BC – the primary source for western red cedar – is certified by internationally recognized, independent, third-party forest certification agencies. In short, western red cedar is a natural choice that nods both to a rich past and a sustainable future.

For the last several years, the photographs, plans and printed word published in these pages have inspired architects, designers, builders and developers, as well as their clients – and we hope this 7th edition is no different. For more information or to answer any questions about western red cedar products, please visit [RealCedar.com](http://RealCedar.com).



## BUTTE RESIDENCE

<b>CLIENT</b>	COUPLE WITH GROWN CHILDREN
<b>ARCHITECTS</b>	CARNEY LOGAN BURKE ARCHITECTS
<b>PHOTOGRAPHER</b>	PAUL WARCHOL
<b>STRUCTURAL ENGINEERS</b>	KL&A INC.
<b>GENERAL CONTRACTOR</b>	KURT WIMBERG CONSTRUCTION
<b>PROJECT TYPE</b>	SINGLE-FAMILY RESIDENCE
<b>LOCATION</b>	JACKSON HOLE, WYOMING



**A**s the name suggests, this Jackson Hole residence is built on a butte, but not just any butte – a scenically blessed hillside surrounded by national parks and the Teton Mountain Range. The picturesque property also overlooks the dramatic convergence of the Snake and Gros Ventre Rivers. So, when it came to deciding on a building site that offers spectacular views, the owners were spoiled for choice.

“There were so many opportunities presented by the site,” says Eric Logan, AIA, principal at Carney Logan Burke Architects. “We spent a year adjusting the proposed building location. The owners were intimately involved in every step of the process.”



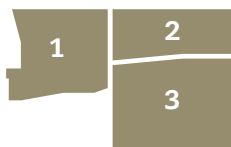


*“The character and warmth of that particular species fit the vibe they [the clients] were interested in...warm and inviting – not cold, hard modernism.”*

– ERIC LOGAN, AIA  
ARCHITECT

## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED "A" CLEAR AND BETTER WESTERN RED CEDAR VERTICAL GRAIN
<b>SIZE</b>	1X6 FINELINE TONGUE AND GROOVE
<b>FASTENING</b>	FACE NAILED WITH PAINTED RING SHANK SIDING NAILS
<b>FINISH</b>	SUPER DECK CANYON BROWN TRANSPARENT STAIN AND SEALER



- 1.** THE OLD WEST GETS A NEW LOOK THANKS TO A MODERN PROFILE AND THE USE OF WESTERN RED CEDAR
- 2.** NORTH ELEVATION OFFERING PANORAMIC VIEWS
- 3.** WEST TERRACE FOR THE ULTIMATE OUTDOOR LIVING EXPERIENCE


“The owners were interested in creating an ‘unfolding experience’ on the site,” continues Logan. “They also desire architecture with character and materiality that respects western tradition but embraces simple, abstract spaces.”

He reconciled this latter aspect of the brief with the use of stone and plenty of western red cedar. But rather than rendering those materials in a traditional American frontier form with exposed beams, columns, logs, etc., the wood was used as a skin.





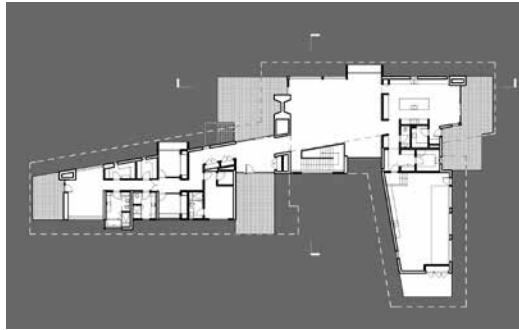




FRONT ENTRY WITH  
TETON MOUNTAIN  
RANGE BEYOND



SECTION



MAIN LEVEL PLAN



LOWER LEVEL PLAN

The structural design, meanwhile, was more about responding to the site. Consequently, the finished product is an innovative series of light-filled sculptural spaces woven into the topography of the land, canopy roof forms that echo the butte's skyline, and cladding that can hold its own in these stunning, yet sometimes unforgiving, surroundings.

“Western red cedar was primarily used on the exterior,” explains Logan. “We did that for a couple of reasons: first, this is a harsh environment and western red cedar weathers well in this kind of environment and second, it just happens to be beautiful.”

# APTOS RETREAT

<b>CLIENT</b>	STUART GASNER & KATE DITZLER
<b>DESIGN PRINCIPAL</b>	CASS CALDER SMITH
<b>PROJECT ARCHITECT</b>	TIM QUAYLE
<b>ENGINEERS</b>	RON BELKNAP & DAVID DAUPHIN
<b>INTERIOR DESIGNER</b>	LYNN ROSS DESIGNS
<b>LANDSCAPE DESIGNER</b>	NATALAIN SCHWARTZ DESIGNS
<b>PHOTOGRAPHER</b>	PAUL DYER
<b>PROJECT TYPE</b>	SECOND RESIDENCE/FAMILY RETREAT
<b>LOCATION</b>	APTOS, CALIFORNIA



**I**magine designing a vacation home for a super active, environmentally conscious latter-day version of the Brady Bunch. That's basically what Cass Calder Smith and Tim Quayle of CCS Architecture did with the Aptos Retreat.

Designed for a large blended family with a combined total of six kids, this rustically beautiful piece of paradise is made for enjoying the outdoors to the fullest.

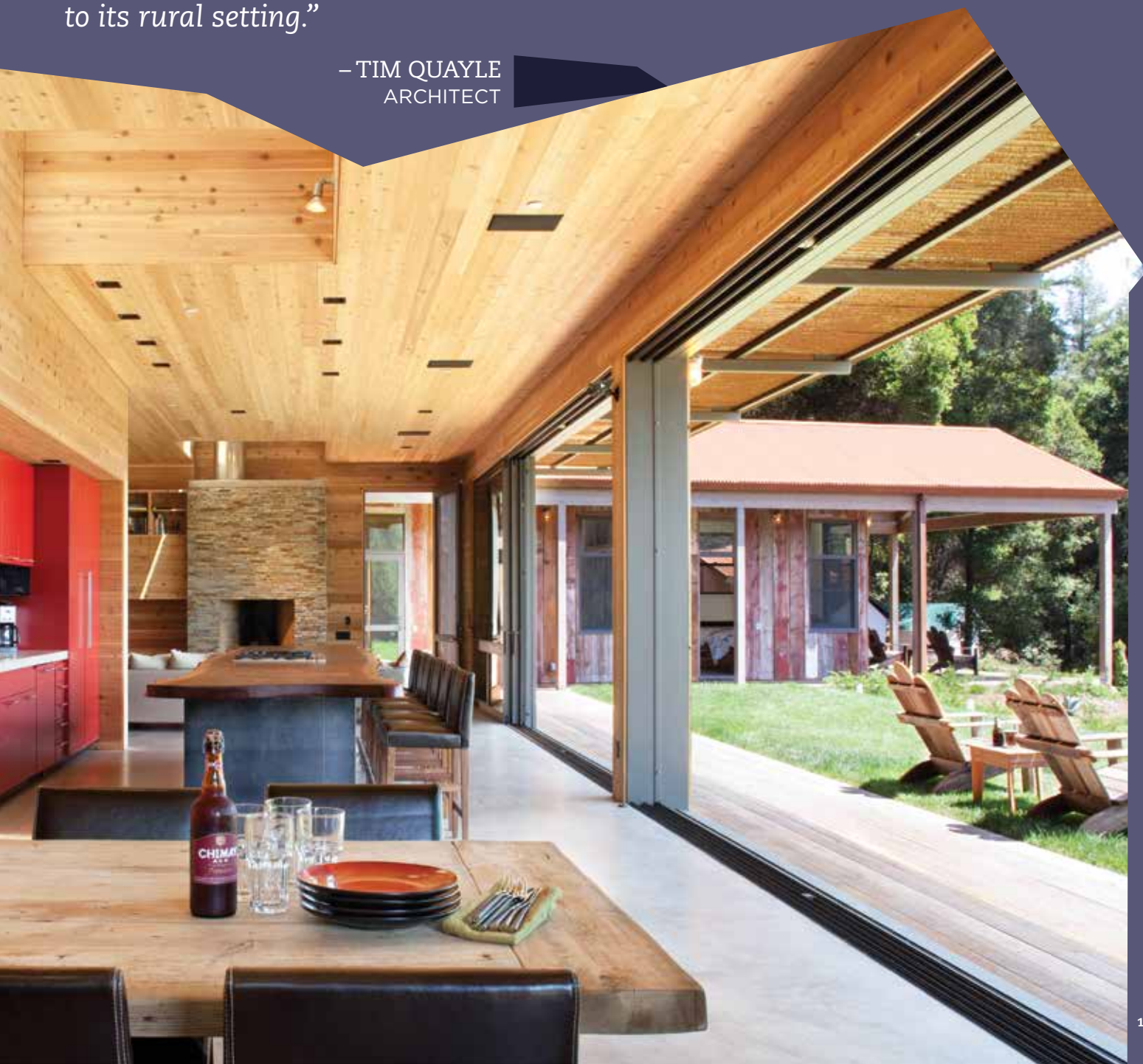
For starters, the 20-acre country compound includes a pool, an archery range and a horseshoe pit – to name just a few recreational features. But the real heart and soul of this property is a 2,800-square-foot L-shaped main house that's composed of a 'sleep building' and a 'living building' – both of which feature reclaimed western red cedar cladding.





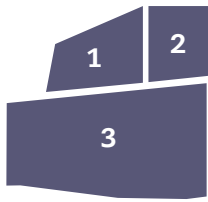
*“The use of wood inside the house was to make it feel more connected to its rural setting.”*

– TIM QUAYLE  
ARCHITECT





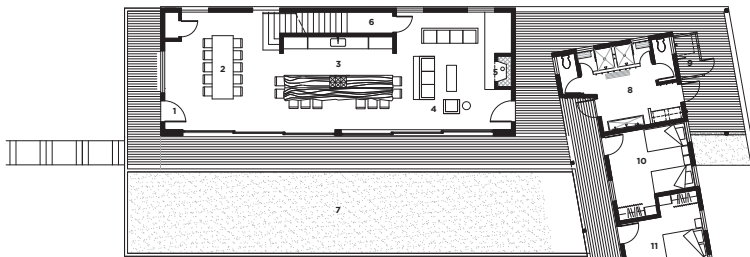




1. MAIN HOUSE, COMPOSED OF TWO BUILDINGS THAT OVERLAP AT THEIR ROOFS
2. KNOTTY CEDAR HALLWAY LEADS TO MASTER BEDROOM
3. CENTRAL KITCHEN CREATES LINKAGE TO THE OUTDOORS

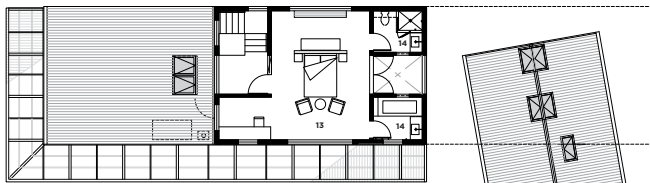
*“The overall guide was to keep it authentic, rural, casual and sustainable where possible –the reclaimed barn wood siding and western red cedar interior met all four of the above.”*

– CASS CALDER SMITH  
DESIGN PRINCIPAL



**FIRST FLOOR PLAN**

- |             |                  |
|-------------|------------------|
| 1 ENTRY     | 7 LAWN           |
| 2 DINING    | 8 BATHHOUSE      |
| 3 KITCHEN   | 9 OUTDOOR SHOWER |
| 4 LIVING    | 10 BEDROOM 1     |
| 5 FIREPLACE | 11 BEDROOM 2     |
| 6 PANTRY    | 12 SOUTH DECK    |



**SECOND FLOOR PLAN**

- |                   |
|-------------------|
| 13 MASTER SUITE   |
| 14 SPLIT BATHROOM |

## WRC SPECIFICATIONS

- |                  |  |
|------------------|--|
| <b>GRADE</b>     | KILN-DRIED SELECT KNOTTY WESTERN RED CEDAR |
| <b>SIZE</b>      | 1X6 TONGUE AND GROOVE                      |
| <b>FASTENING</b> | BLIND NAILED                               |
| <b>FINISH</b>    | UNFINISHED                                 |

Anchoring these two residential components is the central kitchen. This area seamlessly connects diners to the outdoors with sliding glass doors that offer panoramic views of the surrounding Santa Cruz Mountains.

As for the interior of this indoor/outdoor culinary hub, Smith opted for knotty western red cedar paneling because of how the wood’s warming effect “relates back to nature and the home’s natural surroundings.”

# CEDAR HOUSE

<b>CLIENT</b>	FAMILY OF THREE
<b>ARCHITECT</b>	CRAIG STEERE ARCHITECTS (CSA)
<b>ENGINEER</b>	CORNFORTH CB CONSULTING ENGINEERS
<b>PHOTOGRAPHER</b>	ANGUS MARTIN
<b>CONTRACTOR</b>	OCEANIA BLUE CONSTRUCTIONS
<b>PROJECT TYPE</b>	FAMILY HOME
<b>LOCATION</b>	FLINDERS BAY, WESTERN AUSTRALIA



**T**ucked in lush foliage on the outskirts of a Western Australia coastal town, this award-winning “Cedar House” is designed to maximize the site’s spectacular ocean views and semi-rural setting.

But before Craig Steere of Craig Steere Architects could achieve this naturalistic feat, he had to first address various topographical challenges including a steeply sloping site, scattered large granite stone outcrops and significant rainwater runoff.

However, with the help of early geotechnical investigations, the CSA team was able to carefully plan the building’s footprint. The result is this stunning U-shaped western red cedar-clad structure that juts out toward the shoreline, offering protection from harsh

elements, but also ensuring occupants can feel at one with their natural surroundings.

To further enhance this coastal living experience, the home’s color scheme reflects the area’s expansive shoreline. The white walls, for instance, reference the sandy beaches and the gray polished plaster is a nod to the granite boulders found around the property. But the most inspired hue here has to be all that beautiful richly toned wood.

Steere explains, “The western red cedar was used extensively inside and out, providing a material connection piercing through the structure, while offering natural beauty and warmth to the material palette of the house and connecting with the oranges and reds of the natural earth.”

CEDAR-CLAD ‘U’ OARS FLOAT ABOVE STEEL  
ANGLED SUPPORTS THAT REFERENCE LOCAL  
PEPPERMINT TREES ON-SITE







1

2

3

1. APERTURES ARE ARTICULATED THROUGHOUT THE BUILDING
2. MATERIALS RUN FROM THE INSIDE TO THE OUTSIDE TO INTERCONNECT SPACES
3. FLOOR-TO-CEILING WINDOWS ALLOW OCCUPANTS IN EVERY AREA OF THE HOUSE TO FEEL CONNECTED TO THE LUSH LANDSCAPE





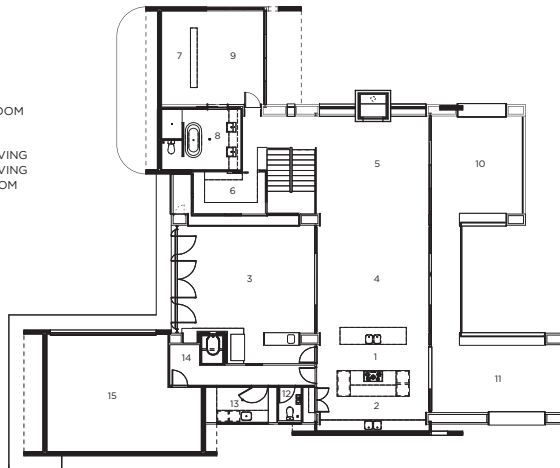
## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED "A" CLEAR AND BETTER WESTERN RED CEDAR
<b>SIZE</b>	133 MMX18 MM CHANNEL RUSTIC
<b>FASTENING</b>	STAINLESS STEEL SIDING NAILS
<b>FINISH</b>	INTERGRAIN DIMENSION 4 (TIMBER STABILIZING PRE-TREATMENT) PLUS INTERGRAIN DWD (HIGH PERFORMANCE, LOW SHEEN, TRANSPARENT WATER-BASED EXTERIOR FINISH)

*“Western red cedar provided the function required, but most of all it offered the color and natural beauty that truly enhanced the visual rewards that this home offers.”*

– CRAIG STEERE  
ARCHITECT

- 1 KITCHEN
- 2 SCULLERY
- 3 ENT. COURT
- 4 DINING
- 5 LIVING
- 6 STUDY
- 7 DRESSING ROOM
- 8 ENSUITE
- 9 MAIN SUITE
- 10 OUTDOOR LIVING
- 11 OUTDOOR LIVING
- 12 POWDER ROOM
- 13 LAUNDRY
- 14 MUD ROOM
- 15 GARAGE



FIRST LEVEL FLOOR PLAN

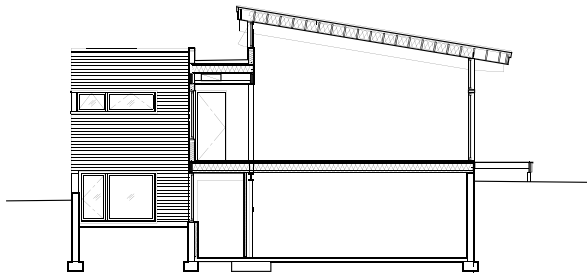
# HIGGINS LAKE HOUSE

<b>CLIENT</b>	DAVE AND KAREN JORDAN
<b>ARCHITECTS</b>	JEFF JORDAN ARCHITECTS LLC
<b>PHOTOGRAPHER</b>	JEFF GARLAND PHOTOGRAPHY
<b>CONTRACTOR</b>	RL ZUZULA CONSTRUCTION
<b>PROJECT TYPE</b>	FAMILY RETREAT/COTTAGE
<b>LOCATION</b>	ROSCOMMON, MICHIGAN



Depending on your family dynamics, designing a home for your parents could be er... um...challenging. Thankfully, this was not the case for Jeff Jordan, who recently designed this family retreat for his folks, Dave and Karen Jordan. As clients go, Jordan says they were pretty easygoing. But they weren't completely passive either – in particular, the Michigan couple had several requests regarding the site's natural surroundings.

“The views to the lake and the evening sunsets were very important to them,” says Jordan. “Additionally, the trees that existed between the house and the neighboring houses were important, both as something to observe and as a privacy buffer.”



TRANSVERSE SECTION WEST







*“The idea was to use a natural material that had inherent warmth and character, something that was humble, yet elegant.”*

– JEFF JORDAN  
ARCHITECT

## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED “A” CLEAR AND BETTER WESTERN RED CEDAR
<b>SIZE</b>	1X4 TONGUE AND GROOVE
<b>FASTENING</b>	STAINLESS STEEL FASTENERS OVER A RAIN SCREEN APPLICATION
<b>FINISH</b>	BENJAMIN MOORE “ARBOR COAT”

WESTERN RED CEDAR PLAYING  
OFF THE NATURALLY BEAUTIFUL  
LAKESIDE COLOR PALETTE

Another requirement was that this cottage had to respect the scale and modesty of the neighboring cottages.

Easier said than done, considering that Dave and Karen also wanted a spacious cabin that could accommodate 25 people comfortably. In fact, the finished product is a luxury cabin with over 5,000 square feet, with six bedrooms and five bathrooms.

“From the outside, however, you never realize just how big it is,” says the innovative New Jersey-based architect.

“We spent a lot of time reducing the bulk by burying half the program partially below grade, breaking the overall mass into four smaller masses with ‘courtyards’ in-between, and keeping the overall footprint narrow and deep.”

In furtherance of enhancing the home’s relationship with its stunning environment, Jordan incorporated a wraparound deck on the same plane as the main living area.

“This allows for seamless living between the interior and exterior of the house,” explains Jordan. “We did the same with the cedar siding,



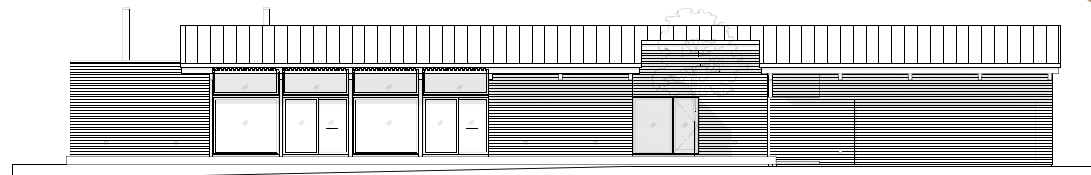




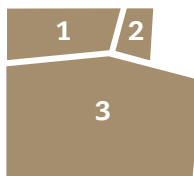








SOUTH ELEVATION



1. PARTIALLY BURIED PROGRAM BELIES THE IMMENSITY OF THIS LUXURY CABIN
2. WRC OUTDOOR SHOWER ADDS TO THE GREAT OUTDOOR EXPERIENCE
3. WRAPAROUND DECK CONNECTS THE INTERIOR WITH THE EXTERIOR

extending it into the living room to blur the distinction between interior and exterior space.”

He chose western red cedar specifically because he wanted a building material that would, among other things, complement, not compete with, the property’s naturally beautiful habitation.

“The western red cedar’s appearance is harmonious with the trees on the site,” says Jordan, adding, “It also feels appropriate next to the multi-hued lake water.”

# NORTHWEST HARBOR

<b>CLIENT</b>	COUPLE WITH GROWN CHILDREN
<b>ARCHITECT</b>	BATES MASI ARCHITECTS
<b>ENGINEER</b>	STEVE L MARESCA
<b>PHOTOGRAPHER</b>	BATES MASI ARCHITECTS
<b>CONTRACTOR</b>	BRIAN MANNIX
<b>PROJECT TYPE</b>	FAMILY RETREAT
<b>LOCATION</b>	EAST HAMPTON, NEW YORK



**E**nvironmental sensitivity was the order of the day with this East Hampton family retreat. The structure's maximum coverage was limited (and rightfully so) due to the surrounding freshwater wetlands and tidal estuary. As well, Federal Emergency Management Agency (FEMA) regulations and the town building codes required that the home's first floor be above flood elevation. But instead of simply using pilings to hike up the ground plane, Paul Masi of Bates Masi Architects made these structural members an integral part of the design.

"Sixteen wide, exposed, glue-laminated piles stake out the enclosing walls for each of the three bedrooms and extend continuously from the ground through the roof," says Masi.

"The residual spaces between these piles house 'utility' functions: closet, desk, laundry, pantry, and shower compartment."

Along with forming these functional nooks, Masi left three vertical voids between the columns in order to, among other things, draw in natural light throughout the house. To ensure these all-purpose pillars would be aesthetically pleasing for a long time to come, Masi chose rough-sawn western red cedar. He also used a mix of western red cedar on the exterior siding as well as on the interior walls.

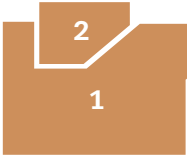
"Western red cedar was a great complement to the interior oak floors and ceilings," says Masi. "It has the ability to be easily stained which we used to visually differentiate the structural light well cores."



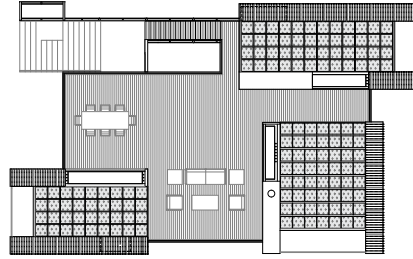
WESTERN RED CEDAR GLULAMS  
SUPPORT AND ELEVATE THE HOUSE  
ABOVE THE FLOODPLAIN







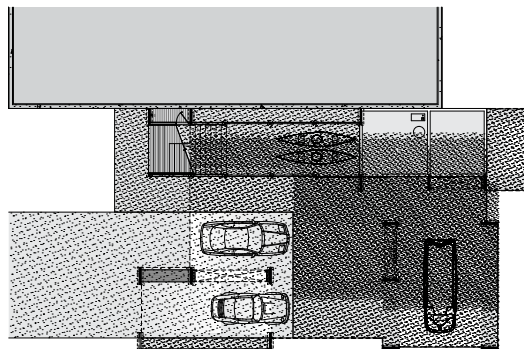
1. LIGHTER SHADE OF WRC SIDING REPRESENTS THE INFILL FRAMING BETWEEN THE CORES
2. THE DINING ROOM BOASTS SLIDERS TO THE EXTERIOR VIEW AS WELL AS TO ONE OF THE LIGHT WELLS



ROOF LEVEL FLOOR PLAN



UPPER LEVEL FLOOR PLAN



LOWER LEVEL FLOOR PLAN

## WRC SPECIFICATIONS

### GLULAMS

**GRADE** ARCHITECTURAL GRADE WESTERN RED CEDAR

**SIZE** 5" X 2'-9 1/2"

**FINISH** 50/50 MIX OF CABOT SEMI-TRANSPARENT AND SEMI-SOLID DARK SLATE GRAY

### VERTICAL INTERIOR AND EXTERIOR SIDING

**GRADE** KILN-DRIED "A" CLEAR AND BETTER TONGUE AND GROOVE FLUSH-JOINT TEXTURED-FACE WESTERN RED CEDAR

**SIZE** 1X4

**FINISH** 50/50 MIX OF CABOT SEMI-TRANSPARENT AND SEMI-SOLID DARK SLATE GRAY

### HORIZONTAL SIDING

**GRADE** KILN-DRIED "A" CLEAR AND BETTER TONGUE AND GROOVE FLUSH-JOINT WESTERN RED CEDAR

**SIZE** 1X4

**FINISH** CABOT BLEACHING OIL

### SCREEN

**GRADE** KILN-DRIED SELECT KNOTTY WESTERN RED CEDAR

**SIZE** 1X2 WITH 1/4" SPACING

**FINISH** CABOT BLEACHING OIL



# PIGEON CREEK RESIDENCE

<b>CLIENT</b>	YOUNG FAMILY
<b>ARCHITECT</b>	LUCID ARCHITECTURE, ERIC DE WITT
<b>ENGINEER</b>	STRUCTURAL ASSOCIATES, INC.
<b>PHOTOGRAPHER</b>	ERIC DE WITT
<b>CONTRACTOR</b>	ZAHN BUILDERS
<b>PROJECT TYPE</b>	FAMILY HOME
<b>LOCATION</b>	OLIVE TOWNSHIP, MICHIGAN



**N**o guessing games here. Eric De Witt knew exactly what his client wanted from this Ottawa County project. That's because he *was* the client, and this is the home he designed for his young growing family.

“We wanted open spaces for our family to play and be outdoors,” says the Michigan architect. “So the home was to have a strong connection to the outdoors, through sliding wall systems, as well as strategically placed windows to frame views of the outdoors. The home was to have an open connected plan, but also offer privacy for the sleeping spaces.”

Set in a wooded area overlooking wetlands, this decidedly modern, yet warming and inviting home, doesn't have a backyard per se because of a 15-foot drop at the rear of the property – a topographical challenge that De Witt uses as a means of creating a level of security for the bedrooms.







## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED "A" CLEAR AND BETTER WESTERN RED CEDAR
<b>SIZE</b>	1X6 TONGUE AND GROOVE
<b>FASTENING</b>	STAINLESS STEEL BLIND NAILING OVER RAIN SCREEN APPLICATION
<b>FINISH</b>	2 COATS SANSIN SDF

The primary choice of material for this passion project was western red cedar. De Witt used WRC on the exterior and pulled it through select spots of the home's interior, essentially blurring the lines between outdoor and indoor living.

"The cedar blends well with the other materials we specified for this project," says De Witt. "With the versatility provided by varying stains, the wood can be toned to match almost any color palette."



*“Western red cedar is readily available and has the aesthetic we were looking for, especially in the clear/ VG grades. It is easy to work with [and] perfectly suited for exterior applications.”*

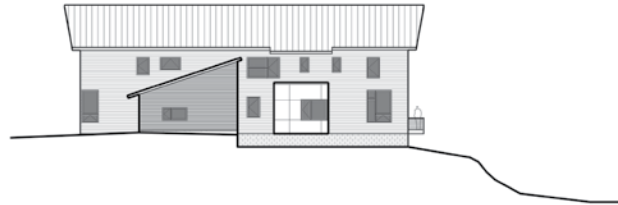
– ERIC DE WITT  
ARCHITECT



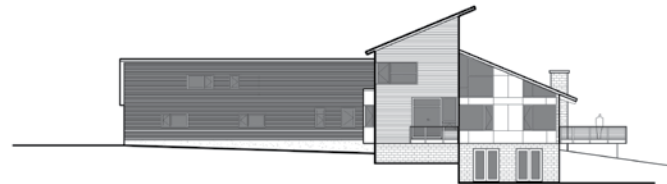
ELEVATION 1



ELEVATION 2



ELEVATION 3



ELEVATION 4

1

2

1. A CEDAR DECK FORMS THE BASE FOR AN OUTDOOR LIVING AREA
2. FLANKING THE FIREPLACE, THE CEDAR-CLAD WALLS EXTEND FROM THE EXTERIOR TO THE INTERIOR



# SUGAR BOWL

<b>CLIENT</b>	YOUNG FAMILY
<b>DESIGN ARCHITECT</b>	JOHN MANISCALCO ARCHITECTURE
<b>ARCHITECT OF RECORD</b>	KELLY AND ABRAMSON ARCHITECTURE
<b>ENGINEER</b>	GABBART AND WOODS
<b>PHOTOGRAPHER</b>	MATTHEW MILLMAN
<b>CONTRACTOR</b>	ETHAN ALLEN CONSTRUCTION
<b>FURNISHINGS</b>	MACA HUNEEUS DESIGN
<b>PROJECT TYPE</b>	SKI HOUSE/FAMILY RETREAT
<b>LOCATION</b>	NORDEN, CALIFORNIA



**W**hen it came to designing this gorgeous ski-in/ski-out family retreat, one of the biggest challenges for lead architect John Maniscalco was conserving the placement of the existing trees while accommodating a snowplowed pathway to the entry of the house. The latter was of utmost importance, as the Sugar Bowl area is known to get snowpacks of up to 8 or 9 feet. Furthermore, these glacial layers could lead to dangerous snow blocks. With that in mind, Maniscalco looked to a historical railroad avalanche shed for inspiration.

“The house uses a simple bent planar roof form to gather the rooftop snowpack and shed it to the rear of the structure, away from entry and pedestrian traffic,” explains Maniscalco. “Perched on a concrete plinth that lifts it above the tall winter snowpack, the house allows snow to rise around it and meet the entry level.”





1

2

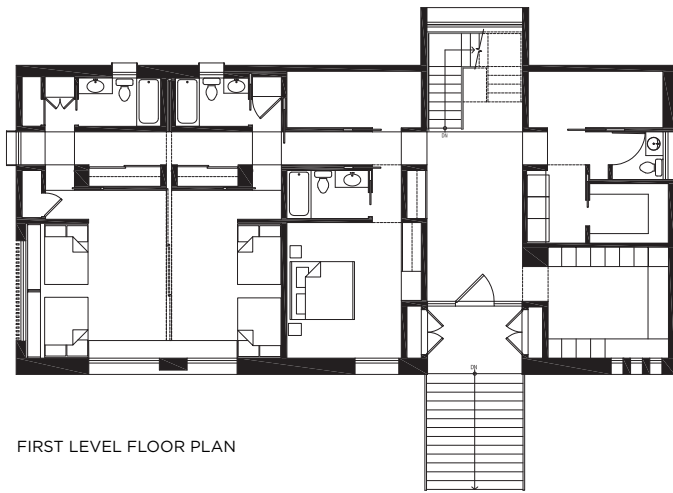
3

1. A CAREFULLY PLACED, EXAGGERATED WINDOW FORMS A FRAME FOR THE MOUNTAIN EXPERIENCE OUTSIDE
2. A TWO-STORY GLAZED WALL AT THE MAIN STAIR PROVIDES A SINGULAR VERTICAL PERSPECTIVE
3. THE PERCHED HOUSE ALLOWS SNOW TO RISE AROUND IT AND MEET THE ENTRY LEVEL



## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED "A" CLEAR AND BETTER WESTERN RED CEDAR
<b>SIZE</b>	1X4 TONGUE AND GROOVE, FLUSH JOINT
<b>FASTENING</b>	STAINLESS STEEL BLIND NAILED
<b>FINISH</b>	SIKKENS LOG AND CABIN



FIRST LEVEL FLOOR PLAN

But safety and access were only part of the puzzle. The clients had several other items on their design wish list for this powder palace.

“They wanted a casual, warm and modern, but still rugged-feeling home that maintained a sense of the site from inside the home,” says Maniscalco. “After a day spent in the open skies on the mountain, the ability to return to a home that was intimate but still open to the beautiful aspects of the natural surroundings was key.”



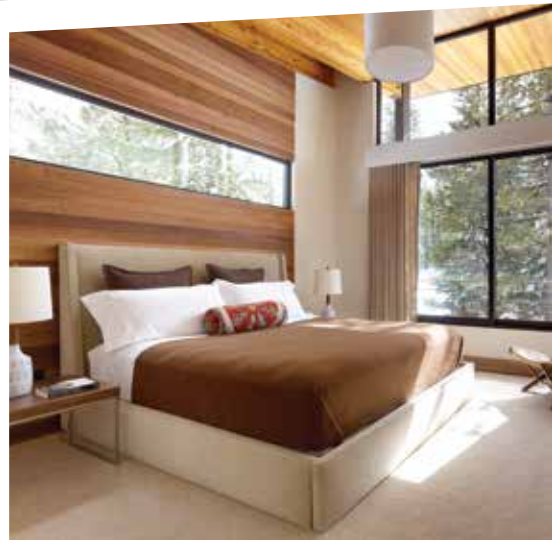
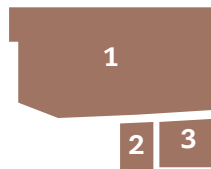
He achieved that tall order through exaggerated geometric forms and warm building materials – namely western red cedar, which he used on the exterior siding as well as on the interior walls and ceilings.

“It was a perfect fit for the site and helped reinforce the design intent of tying the interiors and exterior together and anchoring the house in its natural setting,” says Maniscalco. “In particular, the combination of WRC and steel structure and detailing around the fenestration helped to give the house a sense of place – a sense that it is a mountain home.”






1. A CONCRETE PLINTH LIFTS THE HOUSE WELL ABOVE THE SNOWPACK  
2., 3. A SOLID CEDAR-CLAD VOLUME HOUSES SLEEPING AREAS





A photograph of a modern house in a snowy forest. The house features a bent planar roof, dark vertical siding on the upper level, and light wood siding on the lower level. The roof is covered in a thick layer of snow. The house is surrounded by snow-covered evergreen trees. The foreground is a large, smooth snowdrift.

THE HOUSE USES A SIMPLE  
BENT PLANAR ROOF  
FORM REMINISCENT OF  
A HISTORICAL RAILROAD  
AVALANCHE SHED



*“It [western red cedar] helped to take the more abstract modern forms and make them warmer in character, and to anchor the house to the language of the traditional mountain house.”*

– JOHN MANISCALCO  
ARCHITECT



SECOND LEVEL FLOOR PLAN



## POSTCARD HOUSE

<b>CLIENT</b>	TWO BROTHERS
<b>ARCHITECT</b>	HUFFT PROJECTS
<b>ENGINEER</b>	PACKARD ENGINEERING
<b>PHOTOGRAPHER</b>	HUFFT PROJECTS
<b>CONTRACTOR</b>	KENSON GOFF HOMES
<b>PROJECT TYPE</b>	WEEKEND RETREAT
<b>LOCATION</b>	BRANSON WEST, MISSOURI



**I**nspired by a vintage Polaroid camera, Matthew Hufft of Hufft Projects designed this Indian Point vacation home so that every vantage point composes a picturesque landscape of its own.

“The form of the ‘Postcard House’ is intended to frame the scenic setting from every angle – creating ‘postcards’ from within,” says Hufft. “It is all about the views and the experience.”

Set on a steep woody lakefront site near Branson, Missouri, the Postcard serves as a weekend retreat for two grown brothers and their respective families. Per their wishes to respect the natural surroundings, the

multi-level building with egress floors was elevated on steel columns and pavement was kept to a minimum.

In terms of materials, most of the exterior walls are clad in sustainable Grade A clear and select knotty western red cedar. Aesthetically, the warm wood tones contrast beautifully with the cooling effect of the aluminum roof, but that’s not the only reason Hufft chose to work with western red cedar.

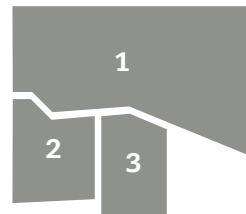
“It was a natural fit in the wooded setting,” says the award-winning Kansas City architect. “A high level of precision and craft went into the construction of the residence, and western red cedar satisfied this requirement.”

*“The warmth of the material [western red cedar] contrasts the cool gray of the aluminum roof and siding that wrap the rest of the home.”*

– MATTHEW HUFFT, AIA, NCARB, LEED AP  
FOUNDER AND CREATIVE DIRECTOR  
OF HUFFT PROJECTS



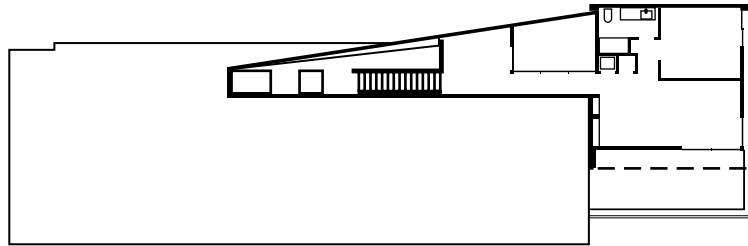
INSPIRED BY A VINTAGE POLAROID,  
THE BUILDING MIMES THE PROFILE OF  
AN '80S INSTANT CAMERA AND FRAMES  
SCENIC VIEWS FROM WITHIN



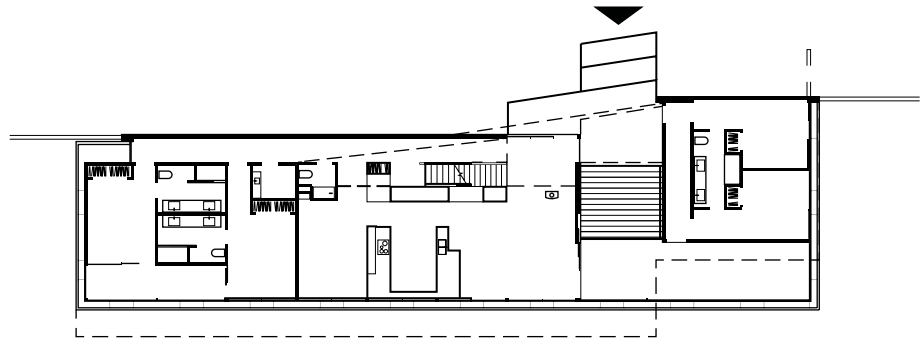


# WRC SPECIFICATIONS

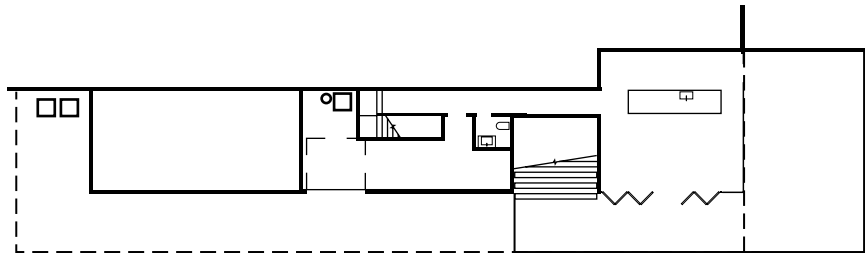
<b>GRADE</b>	KILN DRIED "A" CLEAR AND BETTER AND KILN DRIED SELECT KNOTTY WESTERN RED CEDAR
<b>SIZE</b>	1X4 TONGUE AND GROOVE, EDGE V
<b>FASTENING</b>	MOUNTED ON 1/2" VERTICAL BATTENS
<b>FINISH</b>	SIKKENS STAIN



SECOND LEVEL FLOOR PLAN



GROUND LEVEL FLOOR PLAN



LOWER LEVEL FLOOR PLAN

1. THE HOME IS BUILT ON COLUMNS TO MINIMIZE IMPERVIOUS PAVEMENT
2. TIGHT-KNOT WESTERN RED CEDAR SIDING WARMS UP THE ALUMINUM COMPONENTS
3. UPPER DECK OVERLOOKING TABLE ROCK LAKE

# OWHANAKE BAY HOUSE

<b>CLIENT</b>	SEMI-RETIRED COUPLE
<b>ARCHITECTS</b>	STRACHAN GROUP ARCHITECTS (SGA)
<b>PROJECT ARCHITECT</b>	DAVE STRACHAN
<b>ENGINEER</b>	ADAM MACKENZIE
<b>PHOTOGRAPHER</b>	PATRICK REYNOLDS
<b>CONTRACTOR</b>	TOMIK ARCHITECTURAL BUILDERS
<b>PROJECT TYPE</b>	RESIDENTIAL
<b>LOCATION</b>	WAIHEKE ISLAND, NEW ZEALAND




**B**uilding a home with single-level accessibility on a flat parcel of prairieland is one thing. But when the site is spread out over a significant seaside slope, then you have some bona fide design challenges. That's what SGA architect Dave Strachan took on with this stunning Owhanake Bay project – a house he designed for a semi-retired couple who wanted their island home to harmonize with the beautiful surroundings.

To create livable flow within those parameters, he broke the house down into three narrow pavilions: a guest pavilion, a living pavilion and a master bedroom pavilion.

“The arrangement of the house ‘bends’ to follow the natural contours, allowing ease of movement through the landscape and minimal excavation of the landform,” says Strachan, he adds, “As in the natural environment, folds in landforms often contain watercourses. Hence, the two wedges of space between the three pavilions become a gathering of water, points of cleansing. These two linkages contain two bathhouses: one a main ensuite and the other a plunge pool/spa.”





*“The rhythmic pattern [we were] able to achieve and the rough-sawn finish blended organically into the surroundings.”*

– DAVE STRACHAN  
ARCHITECT

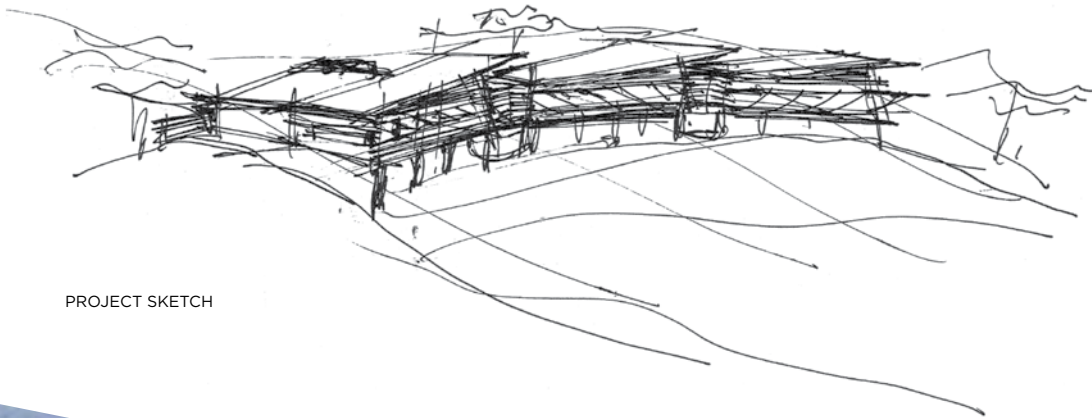




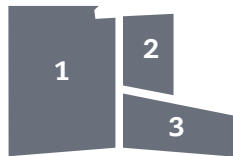
## WRC SPECIFICATIONS

Another way he referenced the home's scenic setting was through his choice of building materials. The rusticated exterior, for example, predominantly features three different widths of western red cedar in horizontal shiplaps, as does the internal cladding, essentially blurring the lines between interior and exterior along the walkway, in the plunge pool area and in the bathroom. "The dark-stained cedar weatherboards," explains Strachan, "reflect the coloring of the branches of regenerating manuka bush, blending with the landscape when viewed from the sea."

<b>GRADE</b>	KILN-DRIED "A" CLEAR AND BETTER TEXTURED-FACE WESTERN RED CEDAR
<b>SIZE</b>	1X4, 1X6, 1X8 SHIPLAP SQUARE-EDGE WITH RANDOM BOARD ARRANGEMENT
<b>FASTENING</b>	STAINLESS STEEL, ROSE HEAD RING SHANK NAILS
<b>FINISH</b>	RESENE WATERBORNE WOODSMAN



PROJECT SKETCH



1. WESTERN RED CEDAR-CLAD HALLWAY BENDS AROUND THE BACK SPINE OF THE HOUSE
2. BOUNDARIES BETWEEN INTERIOR AND EXTERIOR IN THE MASTER ENSUITE ARE FURTHER BROKEN DOWN WITH THE EAST WALLS CONSTRUCTED OF FULLY GLAZED LOUVRE BANKS, CONNECTING WITH THE LANDSCAPE BEYOND
3. THREE CONNECTED PAVILIONS CONTOUR THE LANDSCAPE



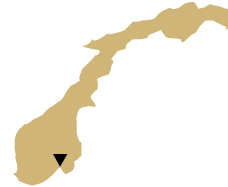
## SPLIT HOUSE

<b>ARCHITECTS</b>	JARMUND/VIGSNÆS AS ARCHITECTS MNAL EINAR JARMUND, HÅKON VIGSNÆS, ALESSANDRA KOSBERG, STIAN SCHJELDERUP, CLAES CHO HESKE EKORNÅS
<b>ENGINEER</b>	GUNNAR JOHANSSON AS
<b>PHOTOGRAPHER</b>	NILS PETTER DALE
<b>CONTRACTOR</b>	GUNNAR JOHANSSON AS
<b>PROJECT TYPE</b>	SINGLE-FAMILY HOUSE
<b>LOCATION</b>	ASKERHUS COUNTY, NORWAY

Overlooking a beautiful Norwegian archipelago, this deceptively large beachfront family home is surrounded by small traditional wooden houses. So the challenge here was designing an expansive residence without dwarfing the nearby homes or interfering with their sightlines.

“The building is partly hidden underground in order to allow for unobstructed sea views for the closest neighbors,” explains the Jarmund/Vigsnæs team lead architect Einar Jarmund. “The house folds out towards the horizon of the fjord, while it also breaks up to relate to the scale of existing buildings close by.”

As a result of this gradually emerging layout, the “Split House” boasts its own spectacular seascapes as well as private outdoor spaces and the closest possible proximity to the clients’ private beach.



TWO SPLIT VOLUMES EMERGE  
OUT OF A SLOPED HILLSIDE  
TOWARDS THE SEA







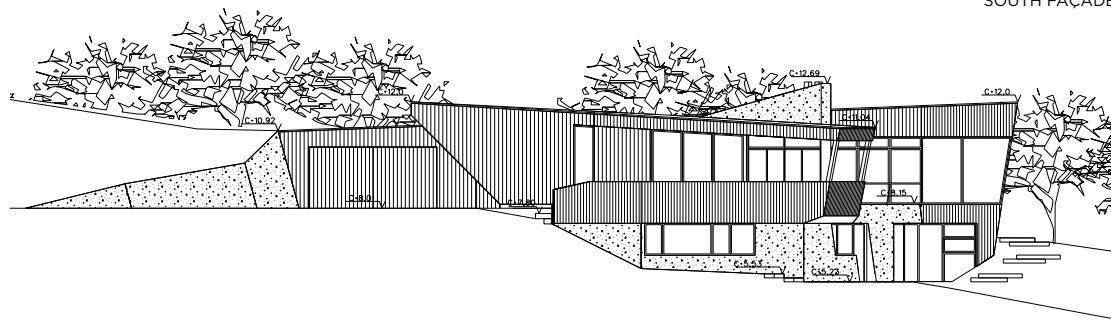
*“The cedar is knot-free, and gives the wooden façade a smooth surface and a calm impression.”*

– HÅKON VIGSNÆS  
JARMUND/VIGSNÆS  
ARCHITECTS



## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED “A” CLEAR AND BETTER WESTERN RED CEDAR
<b>SIZE</b>	1X10 VERTICAL WOOD SIDING WITH CLEAN-CUT EDGE PANELS
<b>FASTENING</b>	STAINLESS STEEL
<b>FINISH</b>	NONE



In addition to blending into the seaside topography, this innovative project is “at one with nature” in other significant ways.

Jarmund explains, “The sloped terrain on the west side continues and extends onto the roof of the house, which has a sedum vegetation on top. This makes a natural ‘roofscape’.

The warmth and beauty of the unfinished WRC siding, meanwhile, pulls triple duty. The wood’s calming naturalism complements green initiatives such as the living roof, while tempering the home’s large sections and contrasting the stone and concrete base.

“The whole façade on the ground floor is clad with western red cedar,” he says “to give the project a ‘natural’ look that softens up the volumes.”

1

3

2

1. THE SLOPED TERRAIN EXTENDS ONTO THE ROOF OF THE HOUSE
2. PARTLY HIDDEN PROGRAM DOESN'T BLOCK NEIGHBORS' SEA VIEWS
3. SEDUM VEGETATION ON TOP MAKES FOR A NATURAL ROOFSCAPE



# WACCABUC HOUSE

<b>CLIENT</b>	CHAN-LI LIN AND DENISE FERRIS
<b>ARCHITECTS</b>	CHAN-LI LIN, AIA AND DENISE FERRIS, AIA
<b>ENGINEER</b>	YOSHINORI NITO, PE
<b>PHOTOGRAPHER</b>	BRAD FEINKNOPF
<b>CONTRACTOR</b>	ATLANTIC STATE DEVELOPMENT CORP.
<b>PROJECT TYPE</b>	COUNTRY HOME
<b>LOCATION</b>	WACCABUC, NEW YORK



After spending much of their professional lives working on large projects for other people, architects Chan-li Lin and Denise Ferris finally decided to design a dream home of their own. The New York couple's primary goal for this abode was to contrast the hustle and bustle of their city life with some well-deserved peace and quiet. So they set about building a rural retreat on a wooded hill in Waccabuc, a countrified hamlet located 50 miles north of New York City.

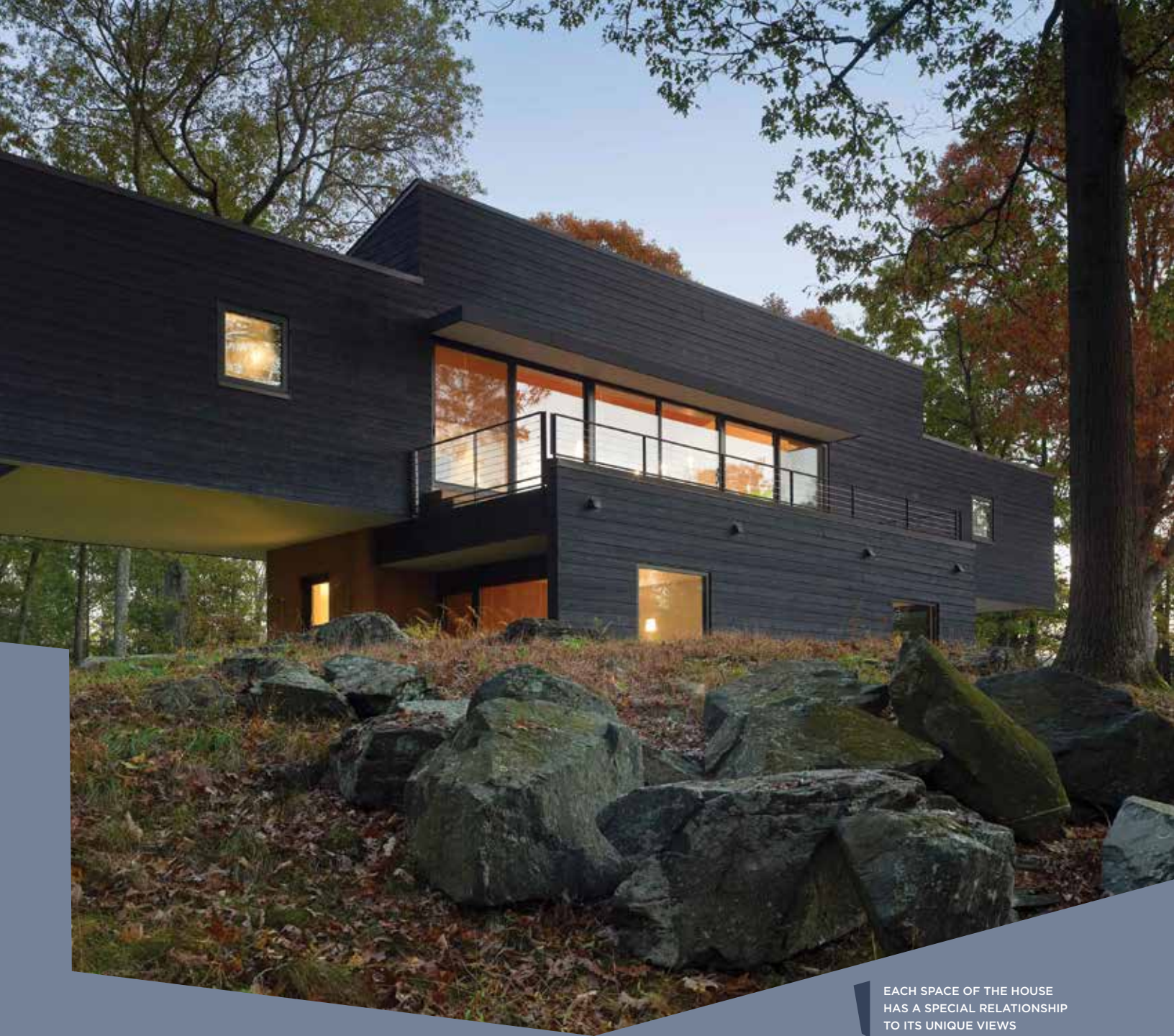
In order to maximize the property's picturesque landscape and create a sense of living among trees, they placed most of the living space on the large cantilevered second floor of their dramatically structured two-story home.

"We wanted every part of the house to have a strong connection with the beautiful natural surroundings, with each space of the house having its special relationship to its unique views," says Lin. "Spaces upstairs have direct connections with the surrounding trees while the rooms downstairs are nestled into the rocks and ferns outside the windows."

To further enhance that relationship between home and habitat, they clad the entire exterior in WRC.

"Western red cedar was a perfect material of choice for the house on this particular site, creating a dialogue between the natural living trees and the house built of the natural material," says Lin.



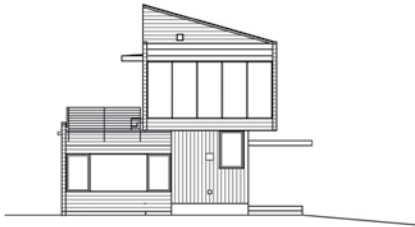


EACH SPACE OF THE HOUSE  
HAS A SPECIAL RELATIONSHIP  
TO ITS UNIQUE VIEWS



# WRC SPECIFICATIONS

- GRADE** KILN-DRIED "A" CLEAR AND BETTER WESTERN RED CEDAR - LOWER FLOOR;  
KILN-DRIED SELECT KNOTTY WESTERN RED CEDAR - UPPER FLOOR
- SIZE** 1X6 TONGUE AND GROOVE, EDGE V - LOWER FLOOR;  
1X8 SHIPLAP, SQUARE EDGE - UPPER FLOOR
- FASTENING** STAINLESS STEEL SIDING NAILS, 16" O.C.
- FINISH** CLEAR ACRYLIC SEALER - LOWER FLOOR;  
BLACK SEMI-TRANSPARENT STAIN - UPPER FLOOR



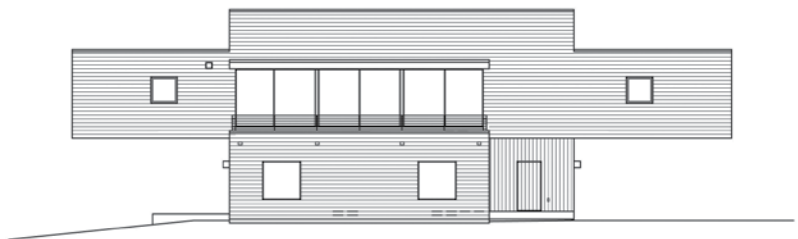
EAST ELEVATION



NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



*“Western red cedar was chosen to enhance the ‘natural’ qualities of the house by its colors and textures.”*

– CHAN-LI LIN  
ARCHITECT





# TSUNAMI HOUSE

<b>CLIENT</b>	FAMILY WITH THREE CHILDREN
<b>ARCHITECTS</b>	DAN NELSON, PRINCIPAL ARCHITECT TOM ROCHON, PROJECT ARCHITECT WENDY KENNEDY AND GARRETT KUHLMAN, INTERIOR DESIGNERS SCOTT LANKFORD, LANDSCAPE ARCHITECT
<b>ENGINEER</b>	JASON LINDQUIST
<b>PHOTOGRAPHER</b>	LUCAS HENNING
<b>CONTRACTOR</b>	JP LAND BUILDER INC.
<b>PROJECT TYPE</b>	BEACH CABIN
<b>LOCATION</b>	CAMANO ISLAND, WASHINGTON



**C**amano Island is beautiful – no doubt about it. Just an hour away from Seattle, this Puget Sound oasis offers spectacular views. Sounds like an idyllic spot to build a beach house, yes? Well it is, but there’s a lot more to consider than just oceanic vistas here – especially when your property happens to be in a high-velocity flood zone. Such was the case of the “Tsunami House.”

“We raised the main living level up 10’ and put a cabana space on the first level,” says principal architect Dan Nelson. “The house also had to be built on piers so water can flow freely through the first level if there is a flood, and the piers were designed to withstand 200 mile-per-hour lateral wave action.”

That said, the “Tsunami” experience isn’t merely about prepping for a 100-year flood. “The house has floor-to-ceiling glass on the water side and large sliding glass doors that open up the living

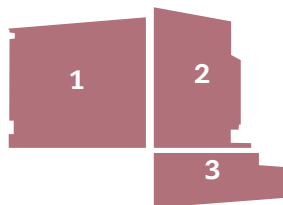
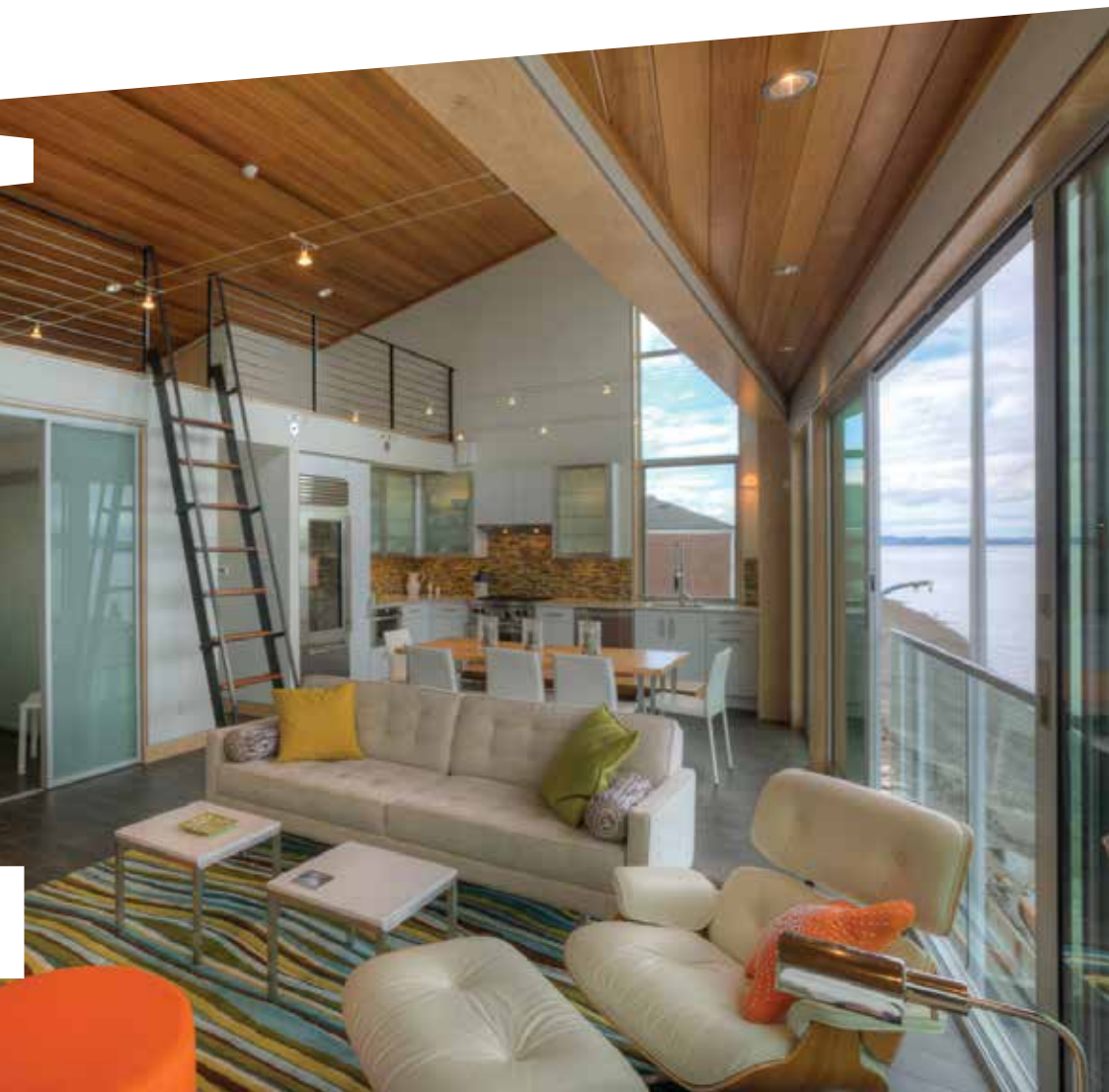




*“The clients wanted durable, low-maintenance materials and the cedar fit right in with that requirement.”*

– DAN NELSON  
PRINCIPAL ARCHITECT





1. THE FLOOR-TO-CEILING WINDOWS OPEN UP THE LIVING ROOM TO SEASIDE VIEWS
2. STEEL COMBINED WITH WRC CREATES A SENSE OF REFINEMENT
3. MODERN CABIN BOASTS BEAUTIFUL CABANA SPACE ON THE FIRST LEVEL





room to the water,” says Nelson. “When the doors are open, one feels like they are in a boat looking out to sea.”

In keeping with this natural world theme, Nelson worked plenty of sustainable western red cedar into his design. This served several purposes. First, it jibed with the clients’ wish to use durable low-maintenance materials on the exterior and second, this healthy dose of cedar added just the right touch of refined elegance to the home’s interior – especially when paired with the glass tiles. And, last but not least, WRC’s innate beauty merged this otherwise industrial-looking cabin with its naturally exquisite environment.

“The warmth and tonality of the cedar interiors and fencing,” explains Nelson, “help to blend the house into its waterfront surroundings.”



## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED CLEAR VERTICAL GRAIN HEART WESTERN RED CEDAR - CEILINGS AND PANELING; KILN DRIED “A” CLEAR AND BETTER VERTICAL GRAIN, SMOOTH FACE WESTERN RED CEDAR - FENCING
<b>SIZE</b>	1X6 CUSTOM PATTERN - SIDING AND PANELING; 5/4X6 - FENCING
<b>FASTENING</b>	MARINE-GRADE STAINLESS STEEL
<b>FINISH</b>	THE FENCE IS FINISHED WITH SIKKENS CLEAR FINISH THE INTERIOR IS FINISHED WITH A CLEAR WATER-BASED VARNISH



ELEVATION

# EDGE HOUSE

CLIENT	MARK PODLASECK AND STEPHEN BRYANT
ARCHITECTS	BOHLIN CYWINSKI JACKSON (BCJ)
ENGINEER	ED PONS AND ASSOCIATES
PHOTOGRAPHER	MATT WARGO
CONTRACTOR	NOTO BROS. CONSTRUCTION
PROJECT TYPE	PRIMARY RESIDENCE
LOCATION	WARREN, CONNECTICUT



**M**ark Podlaseck and Stephen Bryant give new meaning to the words “living life on the Edge.” The Connecticut couple’s home sits along a narrow mountainside ledge on the fringes of a remote New England forest. Designed by Bohlin Cywinski Jackson, the desired effect for this architectural stunner is to feel as though the surrounding trees are actually cradling the building.

“The house was designed to fit within the existing clearing and its shape follows the natural contours of the forest edge, making its location feel like a natural occurrence,” says BCJ project manager Nick Snyder. “This limited the removal of trees and the need for intensive earthwork.”



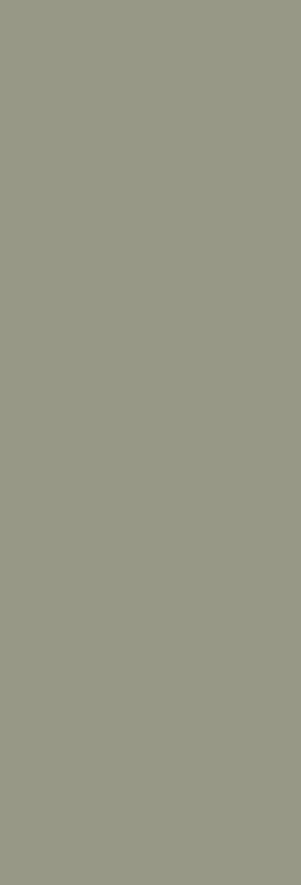
THE PRIMARY RED WALL CARVES INTO THE LANDSCAPE ALONG THE FOREST EDGE, FOLLOWING THE SITE CONTOURS SO AS TO MERGE WITH THE NATURAL LANDSCAPE



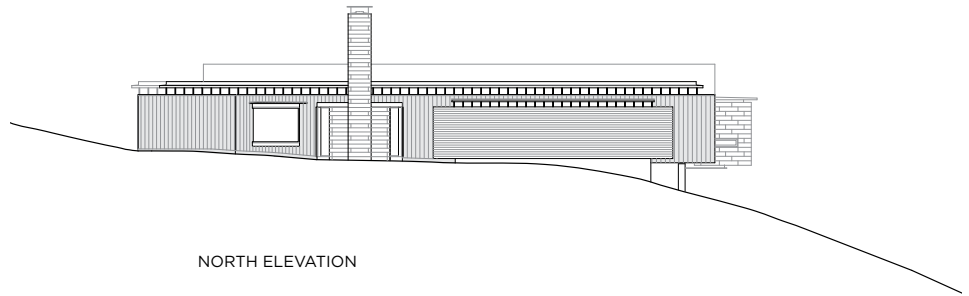
*“Cedar was used on the exterior due to its natural resistance to water, decay and insects. Cedar is also sustainably harvested, which met the desires of the client to use sustainable materials wherever possible.”*

– NICK SNYDER  
PROJECT MANAGER

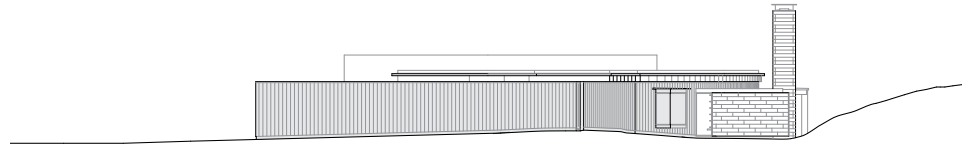




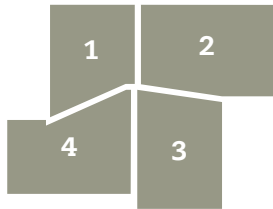




NORTH ELEVATION



EAST ELEVATION



1. CORRIDOR IS CLAD IN WRC SIDING WITH RED STAIN AND NATURAL FINISH
2. VIEW FROM MASTER BEDROOM LOOKING WEST
3. THE MAIN RED WALL ACTS AS THE SPINE OF THE HOUSE
4. CANTILEVERED MASTER BEDROOM ALLOWS OCCUPANTS TO LIVE LIFE ON THE EDGE

One of the many standout design features here has to be the curved crimson wall that merges into the natural landscape – essentially blurring the lines between inside and outside. As with all of the wood siding and paneling on the “Edge House,” BCJ went with western red cedar for this custom-stained structure.

“Cedar added warmth to the space,” explains Snyder, “and also enabled us to use a single cladding material with various finishes applied to achieve our vision for colors while limiting drywall, which was a request of the client.”

## WRC SPECIFICATIONS

<b>GRADE</b>	KILN-DRIED “A” CLEAR AND BETTER WESTERN RED CEDAR
<b>SIZE</b>	1X4 TONGUE AND GROOVE HORIZONTAL APPLICATION; 1X6 TONGUE AND GROOVE VERTICAL APPLICATION, 1X8 TONGUE AND GROOVE VERTICAL APPLICATION
<b>FASTENING</b>	BLIND FASTENED
<b>FINISH</b>	HORIZONTAL 1X4 SIDING (NATURAL): PENOFIN MARINE OIL; VERTICAL 1X6 SIDING (RED); BIOSHIELD CLEAR-BASE STAIN FINISH MIXED WITH ORIENTAL RED PIGMENT (CUSTOM); VERTICAL 1X8 SIDING (SILVER) = CUSTOM CABOT STAIN MIXED WITH BLEACHING OIL



# WESTERN RED CEDAR

## At One With Nature

**T**he 7th volume of The Cedar Book profiles stunning and award-winning architecture from inspired architects around the world. These architects continue a trend that was started centuries ago when the native peoples of the Pacific Northwest recognized the value of using this very unique wood species. Western red cedar's natural durability, performance characteristics and versatility made it the preferred choice for building oceangoing canoes and post-and-beam houses and lodges. Today's discerning architects and builders enhance their projects with this beautiful, versatile and sustainable building material. Nature still knows best. Despite all efforts at imitation, no man-made product can match the beauty, performance and longevity of western red cedar – a fact that this book, as well as the gallery at [RealCedar.com](http://RealCedar.com), illustrates so well.

Western red cedar is one of nature's truly remarkable materials. It produces fewer greenhouse gases, generates less water and air pollution, requires less energy to produce than alternatives, and comes from a renewable and sustainable resource. More than ever before, we must find ways to reduce the pressure on our planet's environment and finite resources. By choosing products with a light carbon footprint and by reducing waste, we can have a real impact on climate change now, and into the future. As part of their commitment to transparency, western red cedar producers now have Environmental Product Declarations available for siding/cladding and decking products.

We hope this book will inspire you to consider western red cedar for your next project. Need help selecting, specifying or sourcing the right western red cedar product? Contact the Western Red Cedar Lumber Association via [RealCedar.com](http://RealCedar.com) and we will be glad to assist.

*Thank you for your interest in western red cedar.*

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