



QUANTUM
WINDOWS & DOORS



Est. 1982



LAKE AUSTIN RESIDENCE

Lake Austin Residence, with its stepped rooflines and angular window walls creates a harmonious relationship between the modern home and the lush landscape surrounding it. Banded Sapele Mahogany, with its rich red overtones, were used to create the floor to ceiling cornering window walls that appear to support the catapaulted overhangs and juxtapose their organically asymmetrical lines. In addition to filling this home with abundant light, Quantum's Lift & Slide Door Systems provide an effortless transition to the world outside that includes a boat dock, fishing pier and sandy beaches. Other Quantum contributions included Pivot and Hinged Doors as well as Motorized Awnings.

ARCHITECT

A Parallel Architecture

GENERAL CONTRACTOR

Sam Stewart Custom Homes

PHOTOGRAPHER

Casey Dunn

LOCATION

Austin, TX

PRODUCTS

Classic Series Windows
Lift & Slide Doors
Hinged & Pivot Doors

SPECIES

Sapele Mahogany

AWARDS & PRESS

AIA Austin Design Award 2017
AIA Austin Home Tour 2017
American Architecture Award 2018





table of **CONTENTS**

- 4** Welcome to Quantum
- 6** North Penn House - *Deborah Berke & Partners*
- 8** Balcones House - *Mell Lawrence Architects*
- 10** Bunny Run Residence - *Alterstudio Architecture*
- 12** Feldman House - *Core Development Group*
- 14** Cemplex - *S2 Architects*
- 16** Hale Moku - *Peter Vincent Architects*
- 18** Modern Brownstone - *Katie Hackworth*
- 20** House in the Berkshires - *Surber Barber Choate + Hertlein*
- 22** Cliff House - *Giulietti | Schouten Architects*
- 24** Wilderness Ridge - *Reid Smith Architects*
- 26** HP2 Residence - *wernerfield architecture*
- 28** Collector's Retreat - *Helliotrope Architects*
- 30** Contemporary Colonial - *Brooks & Falotico Associates*

welcome to QUANTUM

For more than 35 years, Quantum Windows & Doors has been creating the most innovative solutions, utilizing the finest materials, hand-crafting the most beautiful products, and consistently exceeding expectations for what has become a long list of exceptionally discerning clients. As project designs are crafted to each client's desire for particular architectural aesthetics and environmental responsibility, window and door openings are getting larger and building design is being pushed to the limits. Quantum was created to address all of these challenges.

Quantum products provide seamless transitions to the world around you, while also providing the comfort and security that ensures peace of mind. We design and craft products for your environment whether your project overlooks the ocean, is built into the mountains, snuggled into a city, or embraced by a cozy community. When a particular design is required to compliment a certain fashion intent, and when compromise is not an option, Quantum Windows & Doors is the easy choice for beauty and quality in both residential and commercial settings.

We are honored that you are considering Quantum as part of your design to enhance your living experience. We hope the that following pages provide you with the guidance and inspiration necessary to turn limitations into possibilities and your dreams into reality.

Jeff Klein, CEO
Quantum Windows & Doors

FELDMAN HOUSE

ARCHITECT & BUILDER
Core Development Group

PHOTOGRAPHER
Jim Simmons







NORTH PENN HOUSE

The wide open landscape of the Midwest lends itself well to long linear glass walls and open spaces. Deborah Berke Partners integrated Quantum's Classic Series, Windows and Lift & Slide Door Systems to create expansive views and easy transitions to a backdrop of seasonal diversity. The Hinged and Pivot Doors, as well as the Lift & Slide Door Systems and Classic Series Windows were constructed of Sapele Mahogany, one of our favorite wood species because of its dimensional stability, structural integrity and beauty.

ARCHITECT

Deborah Berke Partners

GENERAL CONTRACTOR

Brandt Construction

PHOTOGRAPHER

Chris Cooper

LOCATION

Indianapolis, IN

PRODUCTS

Classic Series Windows

Lift & Slide Doors

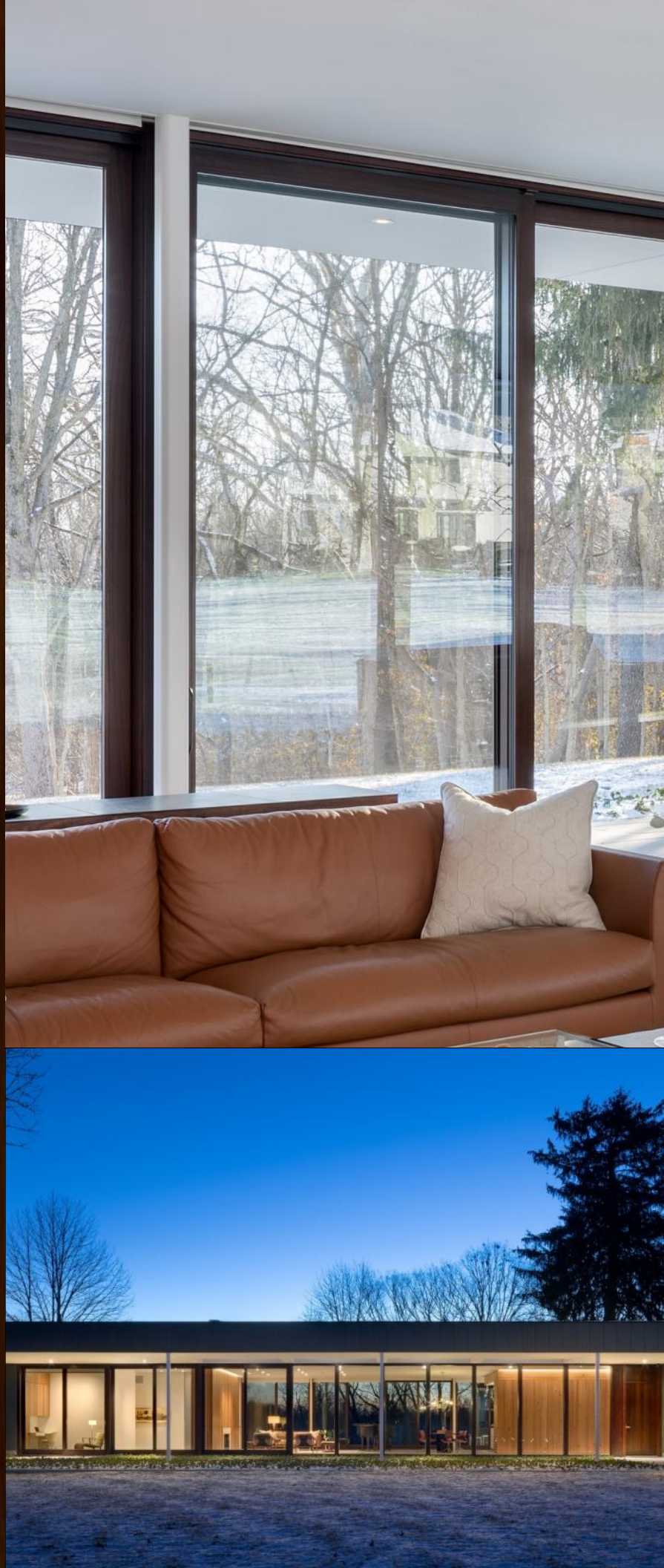
Hinged & Pivot Doors

SPECIES

Sapele Mahogany

AWARDS & PRESS

The New York Times 2017







BALCONES HOUSE

Quantum has a long history of building exceptionally large and meticulously crafted Lift & Slide Doors and window wall systems that employ common mullions to maximize views. Mell Lawrence Architects has utilized both of these products by blending light, texture and tone into a creative sense of space. The base of the home is board-formed concrete and the floor to ceiling Sapele windows on the upper floor, in MLA's words, "appear as a wide-rimmed pavilion rising from a solid concrete base where they characterize the perimeter and provide a constant connection to the tree canopy and sky above." Quantum's Lift & Slide Doors and tall casements provide crisp lines and functionality to Balcones House's wonderfully integrated and well thought out design.

ARCHITECT

Mell Lawrence Architects

GENERAL CONTRACTOR

Pilgrim Building Company

PHOTOGRAPHER

Leonid Furmanskyy

LOCATION

Austin, TX

PRODUCTS

Classic Series Windows

Lift & Slide Doors

Hinged & Pivot Doors

SPECIES

Sapele Mahogany

AWARDS & PRESS

ARCHITECT Magazine 2017

AIA Austin Home Tour 2016







BUNNY RUN RESIDENCE

Alterstudio Architecture, with its 100+ design awards and its commitment to meticulous attention to detail, chose Quantum to supply the Classic Series Windows, Hinged Doors and 11 foot tall Lift & Slide Door Systems for this elegantly modern design in the Westlake Hills area of Austin. The Quarter Sawn Sapele Mahogany utilized in the window and door construction adds a rich depth and soothing contrast as you look out on an unexpected greenbelt characterized by live oaks, rolling hills and the rich palette of colors in the Texas sky. In a testament to a talented team and another exceptional design, Bunny Run won the top honors for the Builder's Choice Home Design Award in 2015.

ARCHITECT

Alterstudio Architecture

GENERAL CONTRACTOR

Becky Fuller Homes

PHOTOGRAPHER

Casey Dunn

LOCATION

Austin, TX

PRODUCTS

Classic Series Windows
Lift & Slide Doors
Hinged Doors

SPECIES

Quarter Sawn Sapele

AWARDS & PRESS

Builder's Choice & Custom Home
Design Award 2015







FELDMAN HOUSE

Originally designed in 1953 by famed midcentury modern architect Gregory Ain, Core Development Group has expanded and updated the Feldman House while preserving the integrity of the original architecture. The design prominently features Quantum's Lift & Slide Doors, Pivot and Hinged Doors, Slide & Fold Doors, and our Signature Series Windows. The natural Douglas Fir windows and doors add crisp lines and a wonderfully rich contrast to the stucco walls and large overhangs that frame the expansive glass walls. The project integrates the old and the new into a refreshing collaboration of sophistication, functionality and exceptionally well balanced design.

ARCHITECT & BUILDER
Core Development Group

PHOTOGRAPHER
Jim Simmons

LOCATION
Beverly Hills, CA

PRODUCTS
Signature Series Windows
Slide & Fold Windows
Lift & Slide Doors
Hinged & Pivot Doors

SPECIES
Douglas Fir

AWARDS & PRESS
Architectural Digest 2018
Los Angeles Times 2016







CEMPLEX

Cemplex is what happens when two brothers with a developer's background ask "an always imaginative" Joseph Spears (S2 Architects) to design a modern duplex in downtown Aspen. The use of Quantum's large cornering windows and Lift & Slide Door Systems invite the world inside while calling up images of everything you loved about your favorite tree house. Cemplex is a study in perspective. It is filled with unexpected views that invite your eyes to keep moving across transitions of mountains and sky as light dances everywhere. It makes you feel just a little more alive. Our finish shop transformed over 1500 board feet of reddish Ribbened Sapele into a beautifully aged barn wood grey that captures the rustic sophistication of Aspen.

ARCHITECT
S2 Architects

GENERAL CONTRACTOR
Koru Ltd

PHOTOGRAPHER
Ross Cooperthwaite

LOCATION
Aspen, CO

PRODUCTS
Clad Series Windows
Clad Lift & Slide Doors
Clad Hinged Doors

SPECIES
Sapele Mahogany

AWARDS & PRESS
Modern in Denver 2017
AIA Colorado Award of
Excellence 2017







HALE MOKU

Located along the waterfront streets of the Hawaii Kai Marina, this extensive remodel captures elements of Navel Architecture that result in a wonderfully creative design that is reminiscent of being on a large sailboat with the added convenience of a driveway and parking. Beautiful Mahogany beams span a curved ceiling and accentuate a stunning 32 feet Lift & Slide Door that opens a panoramic portal to the active world outside. Due to the marine environment and abundant UV, the exterior of Quantum's doors and windows were clad in aluminum, utilizing an off-set clip system that creates airspace between the aluminum and wood. This breathability eliminates concerns of trapped moisture, while promoting long term performance and durability in even the most challenging conditions.

ARCHITECT

Peter Vincent Architects

CONTRACTOR

Dwight D Burdick Construction

PHOTOGRAPHER

Kyle Rothenborg

LOCATION

Hawaii Kai, HI

PRODUCTS

Clad Series Windows
Lift & Slide Doors
Hinged Doors

SPECIES

Quarter Sawn Sapele Mahogany

AWARDS & PRESS

Hawaii Home + Remodeling
AIA Honolulu Editor's Choice 2017







MODERN BROWNSTONE

Katie Hackworth has a well documented history of integrating the old and new into timeless designs that create unique spaces characterized by craftsmanship, detail and taste. For her own home, she chose Quantum's Signature Series Windows in Vertical Grain Douglas Fir for their sleek profiles and design adaptability. For this project, she added one of our optional sub sills to create a modern, yet vintage (Katie Hackworth) look. Our finish shop meticulously detailed the painted window frames, door jambs and brickmould and then applying a hand rubbed Pecan Stain to the window sashes and door panels. The net result is an understated contrast of elegance and an undeniable sense of style.

DESIGN

Katie Hackworth

PHOTOGRAPHER

Belathée Photography

LOCATION

Medina, WA

PRODUCTS

Signature Series Windows
Hinged Doors
Slide & Fold Doors

SPECIES

Douglas Fir

AWARDS & PRESS

Elle Décor 2018
Sunset Magazine 2018







HOUSE IN THE BERKSHIRES

Surber Barber Choate + Hertlein Architects designed this exceptionally crafted home to capture light and refocus it on various shapes and textures of wood, stone and steel. From the rooflines to sloped and cornered window systems to the bump outs and multiple levels, this home was meticulously designed as an architectural adventure for the spirit. Quantum's Signature Series Windows in Douglas Fir were utilized for their lean lines and design flexibility. With their common mullions and minimal profiles, they are reminiscent of a time when windows were built on site and inspired by the natural course of a much more flexible building process. To that end, with their clear coat finish, they are a wonderfully adapted component to a very inspired vision.

ARCHITECT

Surber Barber Choate + Hertlein
Architects

CONTRACTOR

Laser Building Co.

PHOTOGRAPHER

Phillip Spears

LOCATION

Salisbury, CT

PRODUCTS

Signature Series Windows
Hinged Doors

SPECIES

Douglas Fir







CLIFF HOUSE

Perched 800 feet above the Columbia River, Quantum's Clad Series floor to ceiling window walls and Lift & Slide Door Systems provide one of the most panoramic views in the Northwest while providing the structural integrity to withstand one of the most challenging micro-climates in the country. The project, initially specified as aluminum, was changed to aluminum clad wood once the owners had the opportunity to walk through Quantum's finish shop. They were able to see the alchemy of ebony stained Sapele Mahogany which bears a definite aesthetic to aluminum while offering all of the warmth, performance and beauty of handcrafted wood.

ARCHITECT

Giulietti | Schouten Architects

GENERAL CONTRACTOR

Don Young & Associates

PHOTOGRAPHER

David Papazian

LOCATION

White Salmon, WA

PRODUCTS

Clad Series Windows
Clad Lift & Slide Doors
Clad Hinged Doors
Pivot Series Doors

SPECIES

Sapele Mahogany

AWARDS & PRESS

Pacific Northwest Homes 2018







WILDERNESS RIDGE

It is not easy building homes on top of mountains, but Reid Smith's talented team does it consistently and exceptionally well. Like many of their projects, this modern mountain home is nestled into a western slope where its linear architecture and large glass capture the namesake of Big Sky, Montana. The open interior and creative use of wood and steel feel synergistic, organic and alive. Quantum was asked to build the large aluminum clad Lift & Slide Door System which opens this spectacular home to some of the most expansive geography in the West, with panoramic views of the Spanish Peaks and Yellowstone National Park.

ARCHITECT

Reid Smith Architects

GENERAL CONTRACTOR

Teton Heritage Builders

PHOTOGRAPHER

Whitney Kamman

LOCATION

Spanish Peaks, MT

PRODUCTS

Clad Lift & Slide Doors

SPECIES

Sapele Mahogany

AWARDS & PRESS

The Wall Street Journal 2017
Mountain Living 2017







HP2 RESIDENCE

Texas is a hotbed of architectural innovation. The climate and culture creates an energy that makes the world around you a place in which you want to immerse yourself. Wernerfield Architects had that in mind when they designed HP2 with its 10 foot tall Lift & Slide Doors and oversized awnings. The Lift & Slide Systems were designed to pocket into the wall, allowing the whole door to disappear. With the doors gone, the home takes on another dimension as it extends into sights and sounds of Highland Park, a beautiful neighborhood in Dallas. Finally, the linear alignment of the Classic Series Window mullions add a modern sense of connection and integrated design.

ARCHITECT

wernerfield architects

GENERAL CONTRACTOR

Laird & Gross Builders

PHOTOGRAPHER

Robert Yu

LOCATION

Dallas, TX

PRODUCTS

Classic Series Windows

Lift & Slide Doors

Hinged Series Doors

Custom Screens

SPECIES

Quarter Sawn Sapele Mahogany







COLLECTOR'S RETREAT

Heliotrope is an architectural firm in the Ballard section of Seattle that consistently generates intelligent designs that are both aesthetically pleasing and extremely functional. For the Collector's Retreat, they selected an increasingly popular blend of our Classic Series Wood and Aluminum Clad Wood for their windows and doors. The focal point is arguably the 30 foot configuration of French Doors and fixed glass in which Quantum minimized the stiles and rails to mimic the sightlines of steel while maintaining the warmth and performance of wood. To achieve this look, Quantum utilized a perimeter frame which required no additional structure, allowing glazing consistency throughout the home.

ARCHITECT

Heliotrope Architects

GENERAL CONTRACTOR

The Green Construction Company

PHOTOGRAPHER

Sean Airhart

LOCATION

Orcas Island, WA

PRODUCTS

Classic Series Windows
Clad Series Windows
Hinged Doors

SPECIES

Douglas Fir

AWARDS & PRESS

The New York Times 2017







CONTEMPORARY COLONIAL

This New Canaan, CT, home represents the best of traditional and modern design integrated into a home for any occasion. With their modern addition, Brooks & Falotico Associates have created an absolutely stunning blend of traditional windows and doors with modern clean lines and large glass that best exemplifies the design capabilities of contemporary glazing. For the addition, which quarter the kitchen (with its 16 foot island), family and living room, Quantum supplied floor to ceiling Classic Series Direct Set Windows, over 60 linear feet of Sapele Mahogany Lift & Slide Doors and two Pivot Doors that were nearly 6 feet wide and 10 feet tall.

ARCHITECT

Brooks & Falotico Associates

GENERAL CONTRACTOR

Cardinal Construction

PHOTOGRAPHER

Jane Beiles

LOCATION

New Canaan, CT

PRODUCTS

Classic Series Windows
Lift & Slide Doors
Pivot Series Doors

SPECIES


Sapele Mahogany

AWARDS & PRESS

Cottages & Gardens 2018
Architectural Digest 2017







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Front Cover Credits
MAZAMA House - Mazama, WA
FINNE Architects
Rimmer & Roeter Construction
Benjamin Bensneider Photography

Back Cover Credits
Lake Austin Residence - Austin, TX
A Parallel Architecture
Sam Stewart Custom Homes
Casey Dunn Photography