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### ON THE COVER

Dan Gordon Landscape Architects wins a Bulfinch Award for a stunning project. See more on page 34. Photo by Neil Landino.
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Palladio Awards Presentation

The 18th annual Palladio Awards competition recognizes 16 firms for outstanding work in traditional design, seven in the commercial, institutional, and public architecture category and nine for residential work. This competition is the only national design awards program honoring achievement in traditional architectural design. Awards will be presented on Tuesday evening during the conference. For more information, visit traditionalbuildingshow.com.
Pushing History

Architect Thomas A. Kligerman is a champion of traditional design presented in a modern way.

Thomas A. Kligerman is not just an architect. He’s a designer, adventurer, and cultural philosopher who loves pushing tradition and history forward. “If I wasn’t an architect, I would be designing cars,” he says, adding that he’s a “modernist at heart with a deep love for architectural history.” He likes finding the intersections of architecture in all forms, genres, and eras and the historical overlaps. For him, travel is fundamental, and his journeys around the world include a recent stint at the American Academy in Rome as a Visiting Scholar. Kligerman’s adventures in architecture began at Columbia University studying with Robert A. M. Stern, followed by a Master of Architecture from Yale School of Architecture. Returning to New York, he spent seven years working with Stern and today is a partner at renowned firm Ike Kligerman Barkley, all the while pushing his passion for architectural history into a visual conversation about historical modernism and perspective.

INTERVIEW
INTERVIEWED BY ERICA FIRPO
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You are a “modernist at heart” who “loves history, doesn’t want to ape, and wants to push tradition in a modern direction.” Can you elaborate? At Columbia, Robert A. M. Stern had us really delve into architectural history, which I loved and still do. That’s what I typically post on my Instagram page. But it is also 2019, and there is a history of modernism that makes today different from the 1900s, 1800s, and other eras of architecture. Ignoring this would mean turning your back on a huge side of cultural development and history. For me, it’s important to create a building that lives in today—form, shade, and shadow that, yes, are rooted in more traditional styles. It behooves all of us to move the needle on architectural history. And it is not enough to re-create. I like a little more mystery and the idea of trying to come up with a new way of looking at things.

You spent a significant amount of time in Rome (as a visiting scholar at the American Academy). What is it about the city that, as you say, opens up perspective? I have been fascinated with Rome since my first visit when I was 17. I love the ruins—their scale, how they are an armature for something else, and how they rip through the side of a building or cut through the city. And most importantly, I love their incomplete nature. Not really unfinished but “de-finished,” so to speak, and the beginning of something else. Those leftovers are incredibly suggestive and everyone interprets them differently, depending on your walk of life—architect, painter, historian. I look at them as great sculptural forms that emphasize shadows and the movement of the sun. I try and bring that into my architecture. Something that is not so complete that it sets the design in a way that leaves no room for imagination. When I was in graduate school, I realized that the unfinished drawing brings more to the conversation, to the project. Rome is like that—an armature for discussion asking, “What do these things suggest to you?”

We talked about your passion for design—cars, industrial, and architecture, and you said that your path is creating “art form that has to function,” and how you love those “in-between zones that blend together yet have tension.” I love bringing disparate ideas together to see what happens when creating a new building. Building is both art and function, and I like that buildings function as art. For example, I love when a client comes to me with an idea for, say, a Shingle Style house and they really like Mies van der Rohe. That [the conversation] produces really interesting...
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work. And it makes it harder to ape an older building style. It’s that conversation of seemingly separate disparate ideas that really drives me lately. For example, I love two inherent American architectural styles—Shingle Style and ruins of native Puebloan architecture of the American Southwest. What would a building look like if you brought them together? Combining these two indigenous architectural styles results in a third style, something “in between.” No matter what, I want to be respectful of the surrounding architecture and cultural tradition, so it [my work] doesn’t stand out like a sore thumb and is respectful to the people who live there. You have to create with humility; you don’t want to make the giant statement. Instead, you are treading that fine line between doing something new/original/what the client wants and something that doesn’t end up being the bad kid at the table. You build a house and it remains there, done and very public.

4 What is inspiring you right now and what can we expect in the near future?
I am exploring the notion of combining masonry buildings with framed houses. In my buildings I am trying to incorporate these ideas while bringing something modern to them. I like pushing traditional houses in a more modern, spare direction. Lately, I have been looking at origami and the idea of creating volume through folded planes and angles, in particular, folded planes of cedar shingle. I am fascinated with creating sculpture that walks the line between folded origami paper and something that suggests weight and mass.
Boscobel Mansion stands as a testament to the power and importance of traditional building philosophy and practices. Completed in 1808 as the dream house of wealthy Loyalists, the Neoclassical mansion fell into disrepair in the 1950s and was demolished. Preservationists saved as many architectural fragments as possible and reassembled them fifteen miles north where the structure was restored beyond its original grandeur. Boscobel's interiors display one of the finest collections of New York furniture from the Federal period, including documented examples by America's most celebrated cabinetmaker, Duncan Phyfe. Boscobel's grounds offer spectacular views of the tranquil Hudson Valley.
Recreating period lighting fixtures is often part art, part detective work, even when there’s a wealth of original information available.

Since 2001, brothers Matt and Jon White, co-owners of Heritage Metalworks, have been honing their sleuthing skills on a variety of high-profile lighting and metalwork projects for the likes of Winterthur, the Smithsonian Institution, and the Chrysler Museum of Art.

Their work for Fair Lane, the Dearborn, Michigan, estate of Ford Motor Co. founder Henry Ford and his wife, Clara, presented new challenges and creative opportunities.

The Henry Ford Estate, the nonprofit in charge of the iconic 1915 property that has been converted into a house museum, commissioned them to recreate chandeliers, sconces, and metal smoke stands as part of an extensive restoration that will return the property to its 1919 grandeur.

The 31,000-square-foot limestone mansion, which is a blend of Midwestern Prairie School and English country manor styles, was one of the first sites to be designated a National Historic Landmark. Designed by architects William H. Van Tine and Joseph Nathaniel French and landscaped by Jens Jensen, it presides over 1,300 wooded acres on the River Rogue.

The property, named after an area in Cork, Ireland, that was significant to Ford, originally contained an electrical power plant, a greenhouse, a boathouse, riding stables, a children’s playhouse, and a treehouse.

Through the decades, the house had deteriorated, and some of the important lighting fixtures in the music room, the library, and the billiard room had gone missing. Their images remained only in a series of professional black-and-white photos that the Fords commissioned to show off the estate when it was new. “The photos were high-resolution,” Matt says, “but these fixtures have a lot of refined details sculpted into them that could not be seen with clarity. And because of the perspective the photos were taken at, it made it a challenge to figure out the scale. We made an educated guess with the assistance of the photos and actual site measurements, overlaying them to try and zero in on actual scale.” Jon added, “Nor could we tell the color of the finishes or whether the patina was polished.”

Using the photos, as well as detailed sales receipts, period lighting catalogs, letters, and other correspondence between the Fords and the makers, the artisans at Heritage Metalworks were able to put the pieces together.
“We also comprehensively researched metal finishes and studied fabrication processes from other lighting manufacturers of that period,” Matt says. “The rooms were scaled, referencing millwork, molding, plasterwork, and other key elements.”

The team, which did the work in its 12,000-square-foot plant in Downingtown, Pennsylvania, then made concept sketches, CAD drawings, 2D cutouts, and printed patterns. 3D mockups recreated the size of the fixtures as well as their refined details.

“We visited the house twice,” Matt says. “The second time, we took hand-sketched 2D models and held them up in the middle of the room at the same angle they were in the old photos to make sure they were the correct size and scale.”

The library, where Heritage Metalworks reproduced a pair of two-armed wall sconces and a chandelier, was the more challenging part of the project. It required a lot more guesswork because the fine sculpted details were not clear in the old photos.

Replicating the finish on the fixtures was just as difficult. “From the photos, it looked like shiny satin nickel or pewter, but we’ll never know for sure,” Jon says.

Pieces of the chandelier, which is 29-inches high and nearly 34-inches wide, and matching wall sconces were cast in brass using the “lost-wax” process to pick up the refined period details. The brass was then plated with zinc and antiqued.

The eight, three-armed scones in the music room were the most straightforward part of the project, simply because there were existing chandeliers to copy.

“It took us 80 to 90 hours just to figure out the size,” Matt says. “And production took about four months.”

Each sconce Heritage Metalworks designed was 26-inches high, 15-inches deep, and 25-inches wide. The back plate was hand-sculpted for a pattern and molded. The arm, bobeche, and candle cup were molded from the original chandelier, with changes to the arm pattern to fit the size of the sconces.

“The parts were cold cast in resin and faux painted with several layers by hand, with different techniques, to look like mahogany with 24-karat gold-leaf accents.” Matt says. “We used resin instead of hand-carved wood to keep costs down,” Matt says. “But the resin still allowed us to pick up the details of the wood texture to maintain the authenticity of appearance.”

“We asked the conservators working on the woodwork in the room of the estate to carefully scrape off some of the top layers of the old paint to help reveal the shadow created by the back plate of the original sconce,” Jon says. “That really helped us get the size and shape accurate.”

Heritage Metalworks also replicated three 32-inch-high, hand-forged smoke stands for the Field Room and sun porch. “They were formed using metal spinning then shaped to create a scalloped look,” Matt says. “They were fabricated to scale and finished with dark wax, a finish common to the period.”

The team is also creating lighting for the billiard room, floor lamps for the library, and wall lighting for the interior room that used to house an in-ground swimming pool.

“The chandelier in the billiard room is by far the most challenging, with very complex details,” Matt says. “We have four photos taken at different angles, and we always see something that’s not jiving with one photo to the other. It’s like a dance of one or the other. The fixture looks to be more than twice as long as the width, so we’re constantly seeing conflicts when determining the scale.”

Jon says Fair Lane is a “unique project because of the depth of what we have to accomplish with so little information.”

The Whites are eager to see the completed rooms gloriously and fully illuminated as they were when the Fords called Fair Lane home.

The fate of the original fixtures has been buried by time, but Matt and Jon hope the publicity surrounding the public reopening of the estate next year brings them to light again.

“They are not the kind of fixtures that would have been thrown away,” Matt says. “If an original pops up, we’d like to see it to see how close we were to getting it right.”
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Bronze Age

Bronze has been used as ornament for centuries in our built environment.

The Bronze Age (C. 5000 to 1100 BC) was defined by the production of bronze by smelting, which combined copper with tin. Bronze was much harder than earlier metals, and its durability is evident in the multitude of bronze artifacts that have endured. While other metal tools were fabricated prior to bronze, they were formed of single metals. Bronze required not only the mining of copper but also trade for tin, which was not available in the same geographic region. It also required separate smelting, and craftsmen who could combine the materials in the right way, at the right temperatures, and form the tools.

Today, bronze is popularly used in sculptures for its excellent casting qualities. In architecture, it can be regularly found in hardware, doors, entrances, fountains, handrails, column cladding, and architectural details such as plaques, medallions, and panels.

HISTORY
Bronze artifacts dating back to 5 millennia BC are termed “Alpha Bronze,” since they were produced with ore that naturally contained copper and tin together. Where tin and copper did not naturally occur, bronze was first made by mixing copper with arsenic to get its hardness, but this process created a toxic off-gas. Tin replaced arsenic around 3500 BC, in the height of the Bronze Age, with the transportation and trading of tin in regions without naturally occurring combination ore, making the bronze stronger and easier to cast. The Iron Age followed when iron was combined with carbon to make steel, which was stronger and could hold an edge better. Bronze continued to be used for cast objects and was prized for objects which were exposed to moisture due to its resistance to corrosion, especially salt water, such as propellers, cannons for ships, and public sculptures.

BRASS VERSUS BRONZE
There are many alloys that are termed bronze, depending on its combination of metals. In rough terms, bronze typically contains 95% copper and 5% tin, while brass is a mixture of 65-85% copper and 15-35% zinc. Visual observation is not definitive as to whether an object is brass or bronze.

Bell Bronze is a type that has an ideal balance of strength for striking, while having the softness to provide a melodious tone, and ease of casting. For example, the Liberty Bell has a recipe of 70% copper and 25-30% tin.

Bronze continued to be used for cast objects and was prized for objects which were exposed to moisture due to its resistance to corrosion, especially salt water, such as propellers, cannons for ships, and public sculptures.

CAUSES OF FAILURE
Corrosion: Bronze will corrode when exposed to acid rain and air pollution. This corrosion from the exposure to oxygen and sulfur in the atmosphere forms a patina on the surface that partially prevents further corrosion. This patina starts with brown copper oxide, evolves to a blackish color as it forms copper sulfide, and finally takes on the familiar blue-green of copper carbonate. This is an aesthetic symptom that does not require action.

Where ongoing acid rain dissolves part of the copper carbonate, it can result in green staining on surfaces below the patina from solubilized copper depositing. Where acid rain is persistent, or a large amount of bird droppings accumulate, it may remove the surface of the bronze. Unpatinated areas can develop carbon-rich black deposits, creating protected cathodes, while areas of green...
copper carbonate act as anodes. This sets up an electrochemical condition in which deep pitting can occur. These pits further retain deposits of chlorides, which cyclically increases corrosion without the intervention of thorough cleaning.

**Abrasion:** As hard as they are, bronzes can wear away through handling, such as parts of this statue, where people handle it or sit on it.

**Cracking:** Bronze castings can include inherent flaws due to inconsistencies in the mold material, the molten bronze being too hot or including air pockets, or flaws in the crystal structure developed in the cooling process. These weak spots permit fractures to occur with the stresses of movement and temperature.

Where statues are reinforced with an armature of a dissimilar metal, or pinned with dissimilar materials, galvanic action occurs, caused by moisture transmission of electrons from the more noble metal to the less noble metal. Further, if liquid water is present, a gray-white sulfate crust could form on the surface. If fastening pins are ferrous, when they are exposed to moisture and corrode, they expand and minimally will cause rust staining on the surface, if not crack the bronze in that location.

With such constructions, sometimes the armature is insufficiently designed to support its own weight, or to resist wind and snow loads, resulting in sagging or cracking.

Sometimes bronze fabrications are not designed to shed water. When water is trapped in cold climates, it freezes, expands, and pushes apart the bronze, sometimes cracking it.

Lastly, the piece may not have been designed to accommodate the expansion and contraction of the bronze with the climate in which it was placed, resulting in cracking.

### REPAIRS

**Cleaning corrosion:** Cleaning bronze requires the mildest methods possible. Before commencing, determine if cleaning is absolutely necessary. Assess whether not cleaning the bronze will cause further damage. Identify any corrosion products on the surface, and what causes them. Remove the source of corrosion before commencing any cleaning. Determine what the original finish was: was it intended to have patina? Was it originally coated?

Sandblasting, steel wire brushes, or steel wool are inappropriately strong to clean bronze and will leave it pocked and scratched, with irreparable damage to the finish. Further, steel can leave micro deposits of iron, which will cause rust staining over time.

If cleaning is the course of action decided upon, begin with clean water, or de-ionized water, and a soft natural-bristle brush. If a greasy crust has deposited from exhaust and wind-blown dirt, use a non-ionic detergent, possibly combined with the use of an organic detergent.

Where localized areas of chlorides remain, targeted applications of low-pressure micro-abrasive cleaning can be used, or poultices. Where such means are beyond the budget, bronze wool may be used by hand, using water or oil as a lubricant.

Once cleaned, protective coatings of wax, lacquer, or oil can be used. Where the sculpture has ongoing exposure to the elements, oil is not recommended.
as it will attract further dirt. Bronzes that experience high handling can be protected with a mixture of 5 ounces of lemon or lemongrass oil mixed with a gallon of high flash point (> 350 degrees) paraffin oil, reapplied on a weekly basis. Alternatively, the British recipe is 40% lanolin, 7% paraffin wax, and 51% “white spirit” (turpentine) wherein the turpentine acts to remove the previous coat, and the oil installs a clean wear coat with corrosion resistance. Depending on the level of handling, this can be reapplied, monthly, tri-monthly, but never less than annually. Oil coatings should not be used if appropriately timed ongoing maintenance is not implemented.

Waxes are used for areas where handling can cause localized removal of the patina. When applied directly to bronze, Carnauba wax mixed with synthetic microcrystalline wax creates a higher melting point. This point is important to prevent waxes melting in hot weather; the same wax must be able to perform well at low temperatures without crazing. Cold wax is applied to a heated bronze with a bristle brush with a stippling motion. Waxes can be locally re-applied in areas with localized abrasion, without the removal of the entire coating. Only Carnauba and Brazil wax should be used in their straight formulas since other types can cause acidic reactions on the bronze.

If a stronger protective coating is required, a lacquer called Incralac, formulated by the International Copper Association, can be used, but it is very odorous in its application, and requires several coats. Incralac only lasts one to four years, depending on the level of pollution to which it is exposed. To improve the longevity of the lacquer, a coating of cold wax is applied cold with a stiff-bristle brush.

**Protective Coating: When bronze castings are hollow or permitting water to collect, proper drainage should be provided by the drilling of small holes in discreet locations. If the formation of ice by this collected water has caused splits in the bronze, they can be cold patched by the use of cored holes and threaded bronze rod. Once installed, the rod is cut off, and the exposed end finished to match the adjacent surface. Where an extensive split occurs, it should be enlarged to a regular shape to take a coupon, with the edges dressed to permit peening of the perimeter for a mechanical keying of the patch. If the cause of the split is an issue with materials, such as dirt or plaster, which have collected internally and require removal, a hole can be drilled to permit the use of a bent hook on a drill inserted into a split or a hole, to rout out the extraneous material. If, however, the split is caused by corrosion or expansion of the armature, then the armature must be removed. This can mean major surgery, involving the disassembly or cutting of the bronze, repair or replacement of the armature with non-corroding material, and reinstallation of the bronze using brazing of the joints.**

**CAUTIONS**

Epoxy resins or acrylics should never be used to coat bronze. Over time, they will be damaged by environmental conditions and thermal movement, resulting in fissures that trap acid rain. These pockets will expand, causing an unacceptable appearance. The gentlest means to remove these coatings is a micro-abrasive treatment, such as the use of crushed walnut shells, but this will still remove historic material.

When repairing bronzes with new material, it is essential to determine the exact alloy composition, to ensure that no galvanic action can occur between old and new. (To further the surgery analogy, think of it like tissue matching.) Even when the exact composition is noted on historical records, an SEM test (Scanning Electron Microscope) should be used to confirm the exact composition that was actually used.

None of this work should be undertaken by anyone other than craftspeople who have suitable training and experience to effect repairs without damage. Bronze is actually quite soft, and damage to it is permanent. Even if damage is buffed out, or a bad coating removed, it still involves the loss of historic material.

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Considered to be one of the most beautiful libraries in the world, the George Peabody Library at Johns Hopkins University in Baltimore houses 300,000 rare and historic volumes. The structure, fittingly described as a “cathedral of books,” features five stories of ornamental cast-iron balconies surrounding a 61-foot-high atrium flooded with natural light. Rising from its black-and-white marble floor to a massive glass laylight and decorative ceiling, the library is stunning to behold.

When it was built in 1878 under the direction of architect Edmund G. Lind (1829-1909), this then state-of-the-art building relied on regionally made, pre-fabricated cast iron for architectural ornament and columns and on wrought-iron trusses for structural fortitude and fire resistance. Bartlett-Robbins and Company fabricated the Neo-classical designs in cast iron, while the original iron trusses were made at the Phoenix Iron Works. Its original glass skylight had been replaced at some point with plastic (polycarbonate) panels that later failed.

**ASSESSING THE STRUCTURE AND CONSTRUCTION CHALLENGES**

The polycarbonate panels began to lift in high wind. To protect one of the world’s most important collections of 19th-century volumes, a permanent fix was needed. Johns Hopkins suggested replacing the failed panels with insulated glass as a long-term solution for use on the skylight and to improve its thermal efficiency. It was imperative to safeguard the building’s historic fabric as well as the rare books. There were concerns about the structural safety of using insulated glass, which would potentially weigh more than the cast- and wrought-iron structure could support. Further, the size of a structural reinforcement had to be considered, as a larger frame risked diminishing the quality and amount of light admitted by the skylight and laylight. The skylight measures 25 x 75 feet for a total of 1,875 square feet.

Johns Hopkins commissioned 1200 Architectural Engineers, a firm based in Alexandria, Virginia, to perform a structural analysis and feasibility study. According to company partner John Matteo, PE, FAAR, during their investigation it became apparent that the building was well-built and efficient when it was constructed in the 19th century, and it had an engineering system of trusses that was worth protecting. As such, they did not want to weld or drill into the historic iron frame. Designing the construction sequence would be just as important as finding the right solution for strengthening the trusses.

With these concerns in mind, Johns Hopkins turned to Ziger|Snead Architects, in Baltimore, noted historic preservationists. Firm principal, Steve Ziger, FAIA, and project architect Dan Carter understood the importance of keeping the rehabilitation “light handed.” Architect, engineer, and contractor partnered together to devise a means of
ENGINEERING A REVERSIBLE SOLUTION

Key to the discussions and analysis among client, architect, engineer, and contractor was the principle of reversibility. Conservators and preservationists seek to intervene in ways that allow the construction history of the building to remain interpretable for future generations. John Matteo reiterated that, “whenever possible, repairs should be done in such a way that they can be altered at a later date, assuming that future changes and associated interventions will be possible while leaving the original historic fabric intact.”

Nevertheless, the building finds itself in the 21st century where, in addition to needing to support increased loads from a heavier, insulated glass skylight and the introduction of new catwalks, our understanding of the environmental demands from wind, snow, and unbalanced snow loads has increased well beyond that from the time of original construction. John Matteo explains that they used a combination of traditional hand calculations and finite element computer analysis to both evaluate the changing impact on the historic trusses and to design the new reinforcement system. Steve Ziger explains the historic truss system has its...
BELOW Installation of the construction debris netting was the first step in the construction sequence.

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To see the atrium, check the hours of the George Peabody Library at peabodyevents.library.jhu.edu/about-the-library/

And if you are in Baltimore, the rooftop bar at the nearby Hotel Revival has a great view of the exterior skylight.

own beauty as well as function; as the analysis and consideration of solutions progressed, “they felt like they were reaching across history” from the 21st to the 19th centuries to arrive at the right solution. There was a lot of back and forth discussions in a process that played out over two years from inception to project completion. Ultimately, Matteo says, “the team designed a pair of inverted triangular trusses, set alongside the existing framework, with diagonal tie rods or stays to a new steel saddle that cradles the historic iron truss at mid-span. The tension in the stays would be resisted by the horizontal compression strut at the top of the new truss. Ultimately, the new and existing loads continue to be supported by the original cast iron columns.” The work sandwiched the historic iron trusses with compression-fit, steel bolts and plates. The reinforcement is completely reversible.

THE CONSTRUCTION SEQUENCE

Establishing a viable construction sequence was critical to the safety of the library and its occupants because of the weight of the steel and glass, the protection of the historic books, and the limited space available for access and storage of building materials during the process. Matteo noted, “To accommodate the need to deliver materials through an occupied building and the challenge of installation within the geometric constraints of the attic space, strengthening components were limited in size to no more than 8 feet in length.”

First in the construction sequence was the installation of debris netting. The next step involved building catwalks for the truss reinforcement, infrastructure that would stay in place for later mechanical and skylight maintenance. Work platforms were installed sequentially, to limit construction phase loadings on the historic structure, while the reinforcement work is installed one truss at a time. The project finished with the installation of the new insulated glass panels.

Both Matteo and Ziger credit the contractor, Rockville, Maryland-based Grunley, with helping strategize the construction sequencing and planning for the demands of the project’s means and methods.

RECOGNITION OF THE PROJECT

Baltimore Heritage took notice of this project’s important preservation work; on June 13, 2019, the project will receive a Preservation Project Award. Johns W. Hopkins, executive director of Baltimore Heritage, said of the award-winning project, “The Peabody Library is one of the most extraordinary historic interior spaces in the country, and the restoration of the central skylight does the library justice. No simple pop-on transparent dome here. Behind the gorgeous refurbished skylight lies a structural steel framework that is engineered with precision and is as meticulous and well executed as the glass itself.”

RIGHT It is easy to understand why The George Peabody Library has earned its title, “The Cathedral of Books.”
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We tend to think of architectural salvage as dismembered building parts—from simple wood beams to highly carved mantels—being recycled out of worn-out, inner-city buildings, often on the East Coast, but that ain’t necessarily so. For a surprisingly different perspective, we talked with Eron Johnson of Eron Johnson Antiques in Denver who, over five decades has built a thriving business in antiques and architectural salvage from the 17th century to Mid-Century Modern that reaches far west of the Mississippi to many parts the globe.

“I’ve always found that items from around the world sold better than local stuff,” explains Johnson. Historically, Denver had a lot of fairly simple structures, he says, and in the 1980s and ’90s, when people were restoring the nicer Victorian houses, he realized they would buy some local items, but also a few imported things. “In the 1970s, I used to do local demolition and pull out pieces, but there got to be so little of interest, I started to go across the country in my van and buy—especially St. Louis, Chicago, Milwaukee, and even Pennsylvania.”

All that changed when Johnson discovered European architectural salvage sales, first in the Midwest, then salvage auctions right in Denver. “These were basically lots of what are called
consumer goods—which is the low-end stuff—just loaded in a container and shipped over here. The sellers took what they could get, but they made a lot of money.” Johnson was impressed. He recalls thinking, I want to go over and see what’s really there for myself. When he did get a first-hand look at the “actual history and amazing buildings” across the pond, he says, “Boy, what an eye-opener!” So, he started importing, mainly out of England and France, with a little bit from Spain. “That really gave us a boost because it was more decorative, and it just didn’t look like the normal, run-of-the-mill stock from Denver.”

Johnson says that Denver, being basically a small city, was not that big of a market, so he had to create his own. “I went out and did shows with designers and writers, had stories in Architectural Digest and local magazines, and generated a lot of word-of-mouth. Today that’s kind of dried up—except for the internet which, with all the recommendations, has really replaced word-of-mouth.”

Johnson has long had a keen finger on the pulse of the salvage industry. “I was one of the very first antiques businesses on the internet, and while we also did antiques shows, we sold a lot online.” When the internet first started pulling, he recalls, people would look online and then come into the store. “Now we sell all over the world on the internet, and I’ve never met half of my best customers (yet).”

Recently, he says, he sold an important chair by the architect Le Corbusier to someone in Germany. “In the old days, people would come into the store and you would kind of know what interested them. Today, you never know who’s looking; you just get paid for something—and that’s cool too.”

Johnson says his clients’ projects are primarily new buildings or construction. “They buy the object, then build the room around it. We’ve sold an awful lot of parts to people building in Aspen, Vail, all over the mountain range.” In
Artifacts come from all different time periods and artistic styles.

Below Every major city has a good source of salvage. Restoration Resources in Boston is one such shop, selling everything from statuary to mantels.

Fact, he says, he’s sent trucks regularly to Texas and Canada. “I’ve sold a few items to Europe, but mostly the West and Southwest—like Santa Fe.”

As Johnson puts it, he can ship anything, anywhere. “I’ve shipped crazy stuff, and overnight. When a movie studio in California wants something, they want it fast.” He tells of sending two, nearly one-ton cast-iron French garden statues to Saudi Arabia last year. “The buyers never saw them. They just looked at a lot of photos, checked the dimensions, said ‘fine,’ and sent the money.”

In Johnson’s view, interest in Victorian salvage is ebbing. “In Denver at least, people are removing it and going more modern.” He says he’s actually been buying building antiques from younger people who’ve acquired nicely restored old houses and are ripping half the stuff out. “One of the best French fireplaces I’ve ever owned I bought out of a fancy house here in Denver. So architecturally, there’s stuff coming out for the second and third time.”

Johnson illustrates the cyclical appeal of architectural antiques with an interesting story. “In the 1950s, Le Corbusier worked on the design of an entire city, Chandigarh, for the Indian government, along with his cousin Pierre Jeanneret, who designed much of the modernist furniture.” By the 2000s, though, the furniture was considered outdated, even worthless. “At that time, you could buy it by the ton, but now almost all the pieces have gone to collectors in Europe and Japan.”

Reflects Johnson, “I’ve been at architectural antiques for 50 years, and I still like the same things I liked in high school—stained glass, interesting objects from around the world—but that’s just me.”

GORDON BOCK is an architectural historian, instructor with the National Preservation Institute (www.npi.org), and speaker through www.gordonbock.com.
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QUIET &
With woodlands to the east and an open meadow to the west, this landscape is classically designed to be in harmony with its history and surroundings.

By Courtney Goodrich | Photos by Neil Landino
“This elegantly planned and masterfully executed garden struck a chord with each of the jurors.”

— GIL SCHAFTER OF G.P. SCHAFTER ARCHITECTS, BULFINCH AWARD JUROR
“This design sets the perfect tone as a companion to the locale and the architecture.”

— ERIK EVENS OF EVENS ARCHITECTS, BULFINCH AWARD JUROR
The renovated circa-1900 house by the Charles River in Dover, Massachusetts, was charming, with its stucco exterior and slate-tile roof, but it wasn’t until Dan Gordon Landscape Architects of Wellesley, Massachusetts, revitalized the landscape in 2015 that the entire property truly shined.

The four acres, which feature a woodland border and the river to the east and a broad, open meadow to the west, inevitably changed over the hundred-plus years since the house was built. A pool was added, rock walls were constructed, and the trees and shrubs near the house kept growing until they pretty much cut off the sightlines between the house, pool, and meadow, making them feel disjointed from each other. “It’s a well-built, turn-of-the-century house with a sun porch on the side opening to the gardens,” says Gordon, “but the original design of the gardens had been added to over time with a series of additions of a lesser quality, which had been neglected and had become overgrown.”

Gordon and his team renovated the outdoor living spaces and redeveloped the gardens for clients who wanted their property to feel in tune with the historical nature of the house as well as fit their needs for dining, pool, and entertaining spaces. To make the landscape fit cohesively with the architecture of the house and the context of its surroundings, Gordon used classic design elements such as symmetry, balanced proportion, designing along the axis, and an emphasis on greenery. The project earned Dan Gordon Landscape Architects a Bulfinch Award for excellence in landscape architecture this year from the Institute of Classical Architecture & Art (ICAA), a nonprofit organization that promotes the importance and preservation of classical design.

“Landscape always starts with grading,” says Gordon of how he began this project by simplifying the terraces near the house. The old bow-front rock wall that hugged the back-lawn terrace was handsome and consistent with the style of the architecture, but Gordon and his team, which included landscape contractor The Picot Company of Needham, New England Woodworkers of Kingston, and Custom Quality Pools of Billerica, took out “the labyrinth of walls that weren’t really up to speed or well done,” he says. Then, they moved the pool closer to the house, rotating it 90 degrees and centering it with the lawn terrace off of the southern-facing sun porch. Now, the pool stretches out from the house perpendicularly toward the woods. With the grade changes established—one step down from the house to the dining terrace, another step to the lawn terrace with the bow-front wall, then four steps down to the pool garden—they added walls and stairs to match...
existing ones and installed a red cedar fence with a cross-buck motif around the pool. For plantings, clearing out what was overgrown between the house, pool, and meadow opened up the views and made the property feel unified. Staying true to traditional New England landscapes, stretches of lawn are bordered by trimmed boxwood and perennials such as Japanese pachysandra, lady fern, and peach blossom astilbe. Pathways are made of bluestone pavers and, for illumination, the team selected Teka path lights and Hunza step lights. An expanse of Annabelle hydrangea fills the area between the two sets of stairs leading to the pool garden, while eye-catching trees such as flowering dogwood and Merrill magnolia help define focal points throughout the landscape.

The color palette was purposely kept minimal, using mostly greens and whites, so the geometry of the design is what you notice first, an important element to classical landscapes. But within the clean lines, symmetry, and balanced proportions, plants are encouraged to grow naturally and abundantly, especially around the perimeter of the property. The effect is that the planted material acts as a bridge between the architecture of the estate and the more organic pastoral setting of the landscape.

As one of the ICAA judges for this year’s Bulfinch Awards, Erik Evans of Evens Architects of Los Angeles says, “This design sets the perfect tone as a companion to the locale and the architecture. The materials and details are so well aligned with the woodland setting that the resulting spaces seem like perfect mediators between the natural and the manmade. This is one of the great promises of landscape architecture, and one that this beautiful project achieves with quiet and grace.”

Gil Schafer of G. P. Schafer Architect of New York, another judge for this year’s Bulfinch Awards, agrees with Gordon’s landscape achievements. “This elegantly planned and masterfully executed garden struck a chord with each of the jurors;” he says. “We were unanimous in our enthusiasm for Dan Gordon’s beautiful garden for this estate on the Charles River. We all loved the tailored yet understated approach to updating an old property without making it lose the soul of the original landscape—through careful detailing to match existing features and a restrained plant palette. A total delight.”

The main success and what ultimately earned the award, Gordon believes, is that the design preserved the site and harkened back to the intent of the original gardens. “You could do something that contrasted, something more contemporary,” says Gordon. “You could remove more or remove less of what was already there, but we chose to look at the context closely and work with the best parts of what we had in a way that was not only sympathetic to the original architecture but enhanced it.”

When all is said and done, the landscape is sure to grow and change over the next 100 years, just like before. But the touchstones of this design—grading, terraces, lawns, walls, and overall import of plant choices—will be the compass for how it was originally, how it’s meant to be. And that’s what is most important. The house opens to the gardens, the gardens open to the meadow, and the meadow opens to the natural world, calm and inviting in all its splendor.
TOP Materials and details align to define space and balance natural and man-made elements.

ABOVE Red cedar fence with cross-buck motif reflects a tailored yet understated approach to updating an old property.

LEFT Preserving the soul of the original landscape through careful detailing to match existing features struck a chord with the jurors.

KEY SUPPLIERS
LANDSCAPE SUPPLIERS
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staying in character

A prominent Los Angeles architecture firm breathes new life into a storied estate formerly owned by Hollywood icon Orson Welles for a couple and their daughter.

BY JENNIE NUNN
PHOTOGRAPHY BY SAM FROST

It’s not every day that the 1920s Neoclassical Revival home of a Hollywood legend is listed on the market. Especially when that legend is late actor, screenwriter, and director Orson Welles, the mastermind behind films including *Citizen Kane*, *Touch of Evil*, and *The Trial*. But, the beloved Hollywood Hills home, badly deteriorated and suffering a series of unsympathetic renovations by subsequent owners (think an unsightly, problematic steel spiral staircase; aluminum windows; a neglected and overgrown yard; and a family room that had settled and sloped more than six inches), was hardly move-in ready.

Homeowners Dan Harries and Andrew Fayé welcomed the task and purchased the estate for themselves and their daughter. They also enlisted the help and expertise of notable architecture firm Tim Barber, Ltd. “We were initially referred to the client by Alison Sweeney [an actress and a client that we really enjoyed working with], and they had just renovated a 1912 Craftsman home. They had an appetite for a bigger project,” explains Barber, principal of the 25-year-old firm known for numerous restoration projects by the likes of John Lautner, Greene and Greene, and Sumner Hunt. “They were really into the process and ready for the challenge of doing something pretty difficult, so that was exciting to us.”

The initial concept for the home, now totaling 5,582-square feet, was to restore the property while preserving the integrity of the original architecture,
Reminiscent of a glamorous bygone era, the sparkling foyer was completely restored with black-and-white tile from Mission Tile West in Santa Monica.
“The kitchen’s original layout lacked logic,” says Barber of the refreshed design with a Miele 36” refrigerator with a custom panel finish, and a Whitehaus Duet Reversible Double Bowl Fireclay sink with apron. “We added a central farmhouse style prep table and reorganized the locations of the major appliances to make the kitchen more useful to a modern family. We also added new period-appropriate cabinetry.”
TRADITIONAL BUILDING  June 2019

with modern updates for the couple and their then-preteen daughter. “The house was a disaster,” recalls Barber. “When he [Welles] was living out the last of his days there, he had added some really idiosyncratic pieces to it and interior arrangements so that he could move the bedroom to the first floor and created a bathroom of some sort. It was pretty decrepit and the maintenance was really deferred.”

For the major $1.7-million overhaul, the intent was to pay homage to Welles’s past and create a warm and inviting space for the family with ample zones for entertaining. “We follow one school of thought [of The Secretary of the Interior’s Standards] pretty ardentely, which is when you’re working with an older home of any sort, it’s really our obligation to return it to be as respectful and original as possible. However in new work, the standards are often interpreted that it must be completely recognizably different from the original work, and in our case, we strove not to do that,” explains Barber. “Anyone can tell that the back of the house, which I would say is more Charlestonian in its language where the front is very plantation in its language, I find it respectful. And, even the guesthouse is really more farm vernacular than the front of the main house, but we wouldn’t want to make it all plantation-style because it’s 2019. However, we also don’t want to introduce a glass box. When we’re doing historic work we strive to make it both recognizably different, but really sympathetic.”

The property highlights include a new attic staircase; a restored foyer and front porch; refurbished fireplaces and chimneys; a black-and-white tiled master bath designed as a nod to the 1920s and 1930s with tile from Gardenia, California–based tile purveyor B&W Tile Co.; a master closet with vestibule; wraparound covered porches; a renovated basement, guest suite, rec room, and gym; a reconceived guesthouse; and a kidney-shaped outdoor pool with new coping. “One of the most standout features of the home is the rear, wrapping-covered porches on the first and second floors,” adds Kirk Snyder, director of design, AIA, LEED AP. “The addition of these [two] porches affords the neighboring rooms to be opened to the covered spaces, allowing for a true connection to the outdoors and incredible views of the...
surrounding hillside. They also play on the plantation style of the home, adding to the authenticity of their addition and cementing the merging of the old with the new."

Barber and his team also added subtle and deliberate winks to Welles’s legacy, including a wine room with a small display of memorabilia like movie posters and correspondence procured by Harries and Fayé, and an asymmetric east façade. “One of my favorite devices in this house is what we did to identify the front door,” adds Barber. “The original façade had no symmetry and the columns were symmetric, so the front door didn’t line up with anything. It was sliding slightly behind one of the columns, so we surveyed a precise angle out the front door between the two columns, and where it hit the front fence is where we placed the opening gate for visitors.” With the reinvented design, the home appears to be entirely symmetrical to visitors waiting to be buzzed in at the main gate. “It’s trompe l’oeil in landscape design,” adds Barber. “But I think it was our way of trying to at least give you the first impression of a grander, more classical house because the front door appears to be centered between the columns even though it’s not.”

After completing the main house, phase two began on the guesthouse, once the chauffeur’s living quarters. “The ‘story’ or narrative, which the owners more eloquently describe, is to imagine that the guesthouse was built in the 1930s, after the 1920s main house,” says Ari Engelman, senior project manager, AIA, of the new one-and-a-half-story structure outfitted with a guest suite and a rec room. “The exterior complements the style of the main house, but it has more of a 1930s vibe, which is perhaps best seen in its Art Déco/1930s-style bathrooms and wet bar.”

Now, the fully renovated estate, used for frequent family gatherings and dinner parties, is a perfect blend of past and present. “In this case, we don’t know how Welles would have lived and we didn’t know what the original architect’s intent was for the back of the house, so we made our own narrative,” says Barber. “That it was Welles’s home and it has this really impressive façade was worth the effort to make it right."
LANDMARK RESTORATION

A French Renaissance-style building in New York is carefully restored.

BY NANCY A. RUHLING
PHOTOS BY FRANCIS DZIKOWSKI (EXCEPT WHERE OTHERWISE NOTED)

PROJECT SoHo Cast Iron Building Restoration
ARCHITECT PBDW Architects
In the SoHo Cast Iron Historic District of New York City, 462-468 Broadway reigns supreme. The massive white wedding cake of a building—it rises six stories, fronts three streets and has a façade that measures 40,000 square feet—lays claim to being the district’s largest structure that is fully clad in cast iron.

Designed by John Correja as the home for the dry-goods purveyor Mills & Gibbs, it was erected in 1880, shortly before cast-iron facades fell out of fashion in the city. Today, its main tenant is the International Culinary Center, a private school.

The landmark French Renaissance-style building remained largely untouched until its columned façade was restored by PBDW Architects, the half-century-old New York City firm that has brought a variety of houses and institutions, including the Central Park boathouses, the Park Avenue Armory, the Palace Theatre, and the Louis Armstrong House Museum, back to their past lives.

The idea for the restoration began over 35 years ago when real estate developers Stephen Meringoff and Jay Shidler bought the building in 1981.

A restaurant on the ground floor that had a long-term lease stalled the work until 2015, when PBDW partner in charge Sam White, FAIA, and his team, which included project architect Brigitte Cook, AIA, and job captain Adelaide Palum, were commissioned to restore the exterior.

“The building was in pretty good shape and well maintained and preserved,” Cook says. “But the paint was peeling. Once we started analyzing it, we found that there were a few more problems, including one section that was punched in—it looked like it had been hit by a car.”

In addition to repainting the building in its historic color scheme, the PBDW team, which worked closely with New York City’s Landmarks Preservation Commission, repaired the galvanized sheet-metal cornice, removed non-historic roof alterations, restored the ground-level storefront, replaced two floors of 11-foot-high double-hung wood windows, restored fire shutters and reconstructed a variety of original ornamental cast-iron elements.

“Our priority was to maintain the elegance of the original design while preserving as much original material as possible,” White says, adding that he took particular...
pleasure in watching the removal of a section of red granite that had been added to the street-level facade in the 1960s.

“I had been waiting for 35 years to get it off,” he says. “The original cast iron was still there.”

A detailed paint analysis revealed that the cast-iron elements originally had been faux painted to look like colored marble, and the team decided on using the original base color, punctuating it with windows that have dark green frames.

“We saw evidence that perhaps more than one color of paint was used on the original cast-iron elements,” White says, “but we feel the single color is quite handsome. The green for the windows was an architectural choice that visually separates them from the columns and gives a muscularity to the building.”

Stripping the paint was a painstaking process. “It took a long time,” Cook says. “There were areas that had 10 to 20 coats.”

She adds that even with the new paint, “the texture of the cast-iron still reads. It doesn’t look brand new.”

The columned façade’s alternating window bays have a robust rhythm—AA on Broadway, ABCBA on Grand Street, and DD on Crosby Street—that is accented by Corinthian capitals on the As and Cs and Modified Doric capitals on the Cs and Ds.

It was the 108 Corinthian capitals that created the greatest challenge. When the team removed their 135 years of layers upon layers of paint, the 20 individually cast acanthus leaves that defined each capital became unstable.

The defect lay with the design. The leaves were mechanically attached to the surrounding shaft with a bell housing or cuff that flared at the top, allowing them to project. Packs of rust, built up through the years, caused the cuffs to crack and also compromised the mechanical attachments.

“The bell housings had another design function,” White says. “They allowed a more robust capital to fit on a more slender column shaft, which adds to the delicate detail and hierarchies of the elevations.”

Although the team explored the use of

**Broadway is the largest structure fully clad in cast iron in the SoHo Cast Iron Historic District of New York City.**
“It engages you at street level.”

— SAM WHITE, FAIA, PBDW ARCHITECTS
ABOVE The building looks like a wedding cake.

CENTER A corner view of 462-468 Broadway—a study in white. Photo by Michael Neglia (PBDW Architects)

FAR RIGHT The building, which faces three streets, has two styles of capitals—Corinthian and Modified Doric.
resin capitals, it chose to work with cast iron because it allowed them to maintain the building’s integrity. The team kept the majority of intact decorative elements and only replaced the inner bell housings and the most severely damaged pieces.

“The resin was very beautiful, but the cost of the casting itself wasn’t that different,” White says.

The team restored more than 1,549 of the original 1,976 cast-iron elements on the 108 Corinthian capitals. The cuffs were replaced with newly designed attachments that replicate the intricacy and depth of rhythm of the originals, and the original intact acanthus leaves were restored and reinstalled.

“It was special to see how the original capitals and leaves were put together, which allowed us to improve the details of assembly,” Cook says.

She added that this also allowed the team to give all sides of the capitals three layers of protective paint coatings.

The team erected scaffolding over the whole building, which houses offices on top and retail stores on its lower levels, and worked section by section, using a 50-foot by 200-foot space on one of the building’s lower floors as a workshop.

As the scope of the project widened, so did the time frame—it took over a year to complete everything.

“It’s really a tribute to the owner,” says White, “because you need a cast-iron stomach to allow an architect to do what we did and keep the lower floors of the building out of commission for so long.”

The project has received numerous accolades. It won a Stanford White Award, a MASTercworks Award from the Municipal Art Society for Best Restoration, and a Lucy G. Moses Preservation Award from The New York Landmarks Conservancy.

The restoration was part of a master plan made by PBDW that includes multiple configurations for windows and doors on the lower floors that will be modified as new tenants move in.

“In the future, we may put awnings on the second-floor windows as they originally did,” White says. “We have permission from the landmarks commission to do this.”

White calls working on 462-468 Broadway “the chance of a lifetime.”

Unlike some of the firm’s other high-profile restorations, this one is on view all the time. “It dominates the public realm,” White says. “It engages you at street level.”

KEY SUPPLIERS
ARCHITECT PBDW Architects
GENERAL CONTRACTOR Archstone Builders
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METAL FABRICATION Allen Architectural Metals
WINDOW AND DOOR FABRICATORS Artistic Windows
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The Dolphin Fountain was rebuilt, topped with new balustrades and now flows with water. The lively water adds movement, light reflections, and music to the garden. The evergreen hedges beyond create a private pool area.

PROTECTING AN American Classic

Janice Parker’s thoughtful revival of an Ellen Biddle Shipman landscape in Connecticut.

BY MAGGIE MEAHL | PHOTOS BY NEIL LANDINO
Janice Parker took the formidable challenge of restoring a 1920s Ellen Biddle Shipman-designed landscape and conquered it.

She was fortunate to connect with owners who were as passionate as she about preserving the timeworn garden architectural features at the formerly named “Altna Craig” estate in Ridgefield, Connecticut. “It takes a mature client to preserve and not knock down old buildings and architectural elements,” she points out.

A Palladio Award winner, Parker is a principal at Greenwich, Connecticut-based Janice Parker Landscape Architects. In addition, she is the author of the stunning Janice Parker Landscape Architects: Designing a Vision (2017). She is awed by Shipman and considers her a muse. “It was an honor to try and preserve her work and led me to study groundbreaking early women landscape designers,” she reflects. With no original plans or photos to work with, she relied on Shipman expert Judith Tankard for advice.

The homeowners used Connecticut-based architect Sean O’Kane not only to restore the existing vintage Shingle-style home (for planned use as a guesthouse) but also to build a new, complementary main home. Parker says O’Kane “paved the way and made it possible for me to do the project.” The architect also helped with the restoration of the many crumbling balustrades about the property and fabricated new ones to match.

The overarching goal was to bring back a cohesive look to the 1.5-acre estate. Sounds easy, but Parker had to deal with a steep gradient, among other factors. A starting point for Parker’s site design included re-joining the awkward 20th-century subdivision of the land that now had two homes on it. She aimed for a feeling of symmetry and movement and used the clients’ favorite plants to lend a romantic feel to the place—one that harkens back to the Gilded Age-era when it was built. Parker achieved this harmony by linking the disparate parts with her signature grass-jointed strolling paths and box hedge walls. She also inserted new stone steps into the lawn panel that slopes downward toward the west. Finally, to add color and texture in the upper reaches, she mixed trees with shrubs such as Japanese maples, hornbeams, beech, and clipped evergreens.

Another priority of the Ridgefield, Connecticut, project was to repair existing architectural features. For example, there was the “dolphin fountain,” centered into the curved wall of the main stucco upper terrace that needed to be restored. Parker believes it was the original center of the Shipman design.
ABOVE The original garden pavilion by Ellen Biddle Shipman is framed by red fastigiate beeches, rose filled boxwood gardens, and tree form lilacs. The mature trees were preserved to provide shade, historical context, and a sense of refuge.

FAR LEFT A patterned grass jointed path runs across the lower lawn to the restored classic circular bench. This gesture is the designer’s earnest channeling of the gardens of Ellen Biddle Shipman.

LEFT A restored flowering rose and lavender garden tops the natural stone retaining wall that creates the lawn panel in front of the historic pool pavilion.
To bring the dolphin fountain terrace area back as the center axial point of the property was perhaps the most challenging part of the design process. Moreover, the team had to get it working again and add a new tiered “top fountain” (with new pump room) to the upper terrace that would be in a sight line from the new main house. Many were involved in the fountain work, including the general contractor and an expert plumber. “To get it up and running, when it probably hadn’t run in 80 years, as well as to add a new one to the top area above the existing one was a feat of plumbing engineering,” Parker praises. The dolphin fountain had to be re-chambered, re-plumbed, and re-waterproofed. The final step was to find an expert craftsman to restore the original pebble stucco finish on the wall.

Below the fountain terraces, to the left, is the square Pavilion Garden. The classically designed original pool house was in surprisingly good condition and only needed a new skim coat of stucco and concrete. In place of the former swimming pool is a turf area that begs for a game of badminton or croquet. A final Parker touch is an ornamental stone bench that looks like it has been there forever. “One of the main things that makes a garden is the bench,” says Parker. “Even if you don’t sit on them, they create an intimate domesticity to the scene.”

Moving downward from the Pavilion Garden is a series of three old-fashioned-style rose arches designed by Parker. A handsome, bespoke stag sculpture made of stone, iron, and limestone by New England Garden Ornaments sits at the end of the axial line. Grass-jointed paths, designed in a clever Union Jack pattern, lead to a large semi-circular original stone bench. Parker enjoyed reinvigorating this romantic destination spot located at the west end of the property, saying: “It reminds me so much of the beautiful garden details that have been protected at Dumbarton Oaks.” She replaced existing ho-hum pavers in front of the classic bench with a “simple” pebble compass rose. Behind is a cozy screen of pruned European hornbeams. Pink and white roses play a key role in the garden rooms. A favorite flower of the homeowners, they are used as climbers on the arches and also in a series of small beds framed with lavender and boxwood that dot the landscape.

Mature and new trees ring the property. A Parker favorite is the red fastigiate beech. “We have them laid out in corners of the lawn panel. They add a lot of green architecture as well as create an enormous amount of value for the homeowners in the long term,” she notes. Fastigiate trees tend to grow nicely without casting too much shade. Reliable underplantings include ribbon grass, Hakone grass, and “Limelight” hydrangeas “that tumble about the bases,” says Parker.

The restoration of the Ridgefield, Connecticut, estate landscape took over four years to complete at a cost of approximately $500,000. The multifaceted project posed a myriad of challenges. Parker continues to convey gratitude for her clients, Shipman, and all of the professionals who helped make her vision a reality. The goal was always to preserve existing elements where possible. It was also to integrate new landscape features in a manner that did not look forced. All told, it is a historic American garden created by the groundbreaking Shipman and lovingly restored by Parker.
CLOCKWISE FROM FAR LEFT The grade change and staircases are planted with rounded structural boxwoods to add rhythm and create the effect of rolling down the hill.

The Wild Stag was created for the garden and sits on a limestone pedestal, complete with iron antlers.

The Wild Stag guards the new necklace of European Hornbeams, pruned to become a curved green wall, underplanted with chartreuse leafed Deutzia ‘Chardonnay Pearls’.

The historical circular bench is restored and paved with a custom designed and fabricated pebble mosaic compass rose made of natural cleft bluestone with a tumbled bluestone banding.

Hydrangea softens a formal planting bed along the walkway.
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What’s the Rush?

Resurrecting this iconic building should not be done in haste.

RIGHT OUT OF THE BOX, France announced an international competition to determine whether and how to rebuild the roof and spire of Notre Dame, destroyed by fire on April 15. French President Emmanuel Macron wants the job done by 2024, in time for that year’s Summer Olympic Games in Paris.

And why not? Athletes arriving to compete at the 850-year-old historic venue in the roof-jumping, spire-climbing, bell-ringing, tower-mounting, boulder-throwing, and pitch-pouring events must familiarize themselves with the dimensions of the rebuilt cathedral before competition in their respective events actually begins.

Seriously, why must repairs to a cathedral that took centuries to build during the Middle Ages be rushed to completion in just a handful of years?

According to 1,170 international architects, conservationists, and historians who signed a petition that ran in Le Figaro on April 29, five years drastically underestimates the time required to do the job responsibly. Among other things, experts cited a need to train hundreds of additional stonecutters, carpenters, ironmongers, and roofers. Nevertheless, the Associated Press reported that “France’s government presented a bill aimed at speeding up the reconstruction of Notre Dame that would allow workers to skip some ordinary renovation procedures.”

Indeed, the language of the officials who announced the competition suggests ominous explanations for the rush job that seems to be in the works. The competition could be framed so as to seek, in the words of Macron’s premier, “a spire suited to the techniques and challenges of our time.” The president’s promise to rebuild the cathedral “even more beautifully” could suggest a bias at the Élysée Palace for a modernist reconceptualization of the roof and spire, and against a historical replication of the work done in the mid-1800s by master restorer Eugene Viollet-le-Duc.

Leaving aside Macron’s silly Olympic deadline, the chief rationale for such a short period might in fact be to grease the skids for a proposal that could shorten the timeline by substituting a quickie modernist clip-on, paint-by-numbers renovation scheme for a time-consuming adult restoration.

British architect Norman Foster stepped quickly into the breach with a glass-and-steel proposal quite modest compared with other proposals. Foster told The Guardian that “the decision to hold a competition for the rebuilding of Notre Dame is to be applauded because it is an acknowledgment of that tradition of new interventions.”

Hardly. Restoring an icon damaged by fire or natural disaster calls for an approach that leans toward retaining its historical character. A more liberal approach might, on the other hand, arise from the management of its safety systems, climate controls, code requirements, technological upgrades, or even design enhancements. Notre Dame epitomizes the former approach, which naturally invites, though it may not demand, the use of improved techniques in construction and safety, and even innovative approaches to replicating historical character, as Viollet-le-Duc recognized.

As described so far by the French authorities, the international competition is entirely consonant with this historical approach. Yes, their language can be interpreted, as shown above, to suggest a modernist approach. But the bulk of public opinion in France seems to support a traditional rebuild—perhaps because modernist architects have long demonstrated, in the additions they design for traditional buildings, that they are incapable of subverting their egos to the modesty required by respect for historical character.

Duncan Stroik, celebrated for his ecclesiastical designs, including work in the Gothic tradition, offers two reasons, in “Why Rebuild a Gothic ‘Addition’ to Notre Dame?” for The American Conservative, why modernists today should not be trusted to restore Notre Dame: “First, because Viollet’s spire is a great work of architecture on a world heritage site, and secondly because most contemporary architects couldn’t design Gothic to save their life.”

That may be the understatement of the week. No need to rush. Do it right.
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