

# BUILDING BRIEFS

Ideas and information you can build on.

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**PetraCorp.**  
Construction

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*Sella Residence,  
Branford, CT.,  
during  
construction.*

## Unique Residences Pose Challenges

Although Petra Construction Corporation is primarily involved with commercial, institutional and industrial building projects, we also complete some very special projects for a select few residential customers.

### Sella Residence

One such project is the complete renovation of, and additions to, the residence of Dr. and Mrs. Enzo Sella, located in Branford, CT. With the building site located directly between views of Long Island Sound and Branford Harbor, our clients wanted the completed project to provide just as glorious a view as its surroundings. With a combination of the fine architectural talent of Wayne S. Garrick, AIA, the ongoing input of our clients and the skill and experience of Petra Construction Corporation, the project is nothing less than spectacular.

Only highly skilled craftsmen can handle the fine details that have gone into the Sella Residence. From its arched ceilings and windows to its beautifully crafted mahogany Dutch

front entrance door and interior stair rail, both of which were manufactured right in our own millwork shop, we believe that beauty lies in its fine design and first class workmanship.

One of the many interesting characteristics of this particular project is its heating system. Approximately 12,000 lineal feet of plastic tubing is attached to the underside of the flooring. Water circulates through this tubing at 120 degrees Fahrenheit, thereby warming the floors.

### Errera Residence

Another of our special residential projects is the new residence of Dr.

and Mrs. Paul Errera of Woodbridge, CT. Designed by architect Myron Goldfinger, FAIA, with the input of the owners, its creative design put our construction skills to the test.

With cedar siding to accommodate the curves in its rather unique shape, a great deal of built-in millwork (fabricated in our own millwork shop), an interior elevator and the use of travertine for floor and wall finishes, this project has many interesting features. Another of its special systems is its ground water heat pump system, built into the earth adjacent to the structure.

As you can see, Petra Construction Corporation has the experience, skill, resources and ability to handle almost any challenging project. We take great pride not only in our work, but in the timely and cost effective manner in which it is delivered. If you have a project which requires high quality custom millwork, or special attention to detail, please call Guido Petra, President or Terry Wooding, Vice President at 203-865-6043. We're certain that you'll be pleased with the results!



*Errera Residence,  
Woodbridge, CT.,  
during cedar  
siding  
installation.*

# Building Ins And Ons

Time and money are two precious items today. Society has been thrown into an age of immediacy where everything from food to information to building must be fast. Yet most people and businesses remain cost-driven. That's why it is more important than ever for suppliers to combine quality workmanship with competitive pricing and consistently deliver projects on time.

## Building on knowledge

From design concepts to budgets and time lines, there are many factors to consider when beginning a building project. By involving a general contractor in the design and planning stages, you will have a team that possesses the experience and expertise necessary to achieve satisfaction.

As they help you organize and define the parameters of your facility, this team of experts will work together to meet your needs efficiently. Because the designer and builder are working together from the beginning, unexpected problems will be less likely to occur later, during the construction phase.

## Building in value

Your team of professionals will use value engineering to ensure a cost-effective building project. This technique is used to analyze the materials, methods and manpower

necessary to create the facility. By specifying quality, cost and time factors early, optimum solutions can be decided in the beginning.

In addition to saving time, creating this master plan will help you obtain the optimum return on every dollar you invest in the building project. All factors in the building process can be integrated to meet pre-determined budget demands. This means you will enjoy reliable building materials that deliver years of consistent, cost-effective quality.

## Building on time

In many of today's building projects, time is of the essence. By implementing fast track construction, your general contractor will complete your project on time or ahead of schedule. With this technique, construction time is cut by overlapping certain design and building functions. For example, with the designer and

builder working together from the start, construction can begin immediately after the overall building design is approved. Meanwhile, decisions about interior colors, materials and other design details can be made.

## Building in efficiency

With the general contractor working on your behalf to provide efficient services from start to finish, you will have a reliable resource who is familiar with every facet of the plan. And, should problems arise during construction, single-source accountability works to find quick solutions without sacrificing time and money.

## Building on success

You can count on us to deliver complete satisfaction in a timely manner on your next building project. We would like the opportunity to show how we have successfully completed many other projects, and what we can do to help insure your building success.



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for building  
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