



THE BP² WORLD

A DESCRIPTION OF OUR BUISNESS WORLD

A DESCRIPTION OF OUR NEIGHBORS

BP² the Highest Value Building System we know of in the world!

The BP² RIPs Panels are an Engineered, Code-Conforming, Sustainable, Resilient / Disaster Resistant, Non-Combustible, Energy-Saving, Panelized Building System.

The Business Map of our enterprise may be visualized by a dodecahedron with Blue Millennia at the core and the 12 faces being the 12 listed aspects of our enterprise.

Other entities, Owners, Designers, Developers, Builders, Governments, NGOs, etc., interact with our world at one or more of our 12 faces, our points of contact, as needed.

To better understand how your enterprise can gain the benefits of the use of BP² RIPs, please investigate which of our 12 faces of activity will be of service to you.

Because our RIPs Panels (Reinforcing Insulating Panels) are an “Engineered Code-Conforming” panelized building system, our Patent-Protected Engineering is integral and is included with the RIPs panels supplied to any project. In other words, our RIPs are designed and fabricated “to order” for each project.

One of the aspects that sets us apart from our “competitors” is our Patent-Protected fabrication system. We have a unique “Panel Press” and a system of related tools and equipment for making our panels. One of our Panel Plants includes the entire system. We do not sell our Panel Presses; we only License them.

Because we insist on a “No Failures” practice, we only allow structures to be built with our BP² RIPs via Certified Constructors. These are firms who have the training and experience, firms which we have Certified, to build with BP² RIPs and ensure that the completed structure will perform as designed. Additionally, every structure built with BP² RIPs is “Registered” and has a QA/QC Conformance File with us. The only exception to this “Certified Constructor” restriction is the use of RIPs panels in Tilt-Up, Precast, and Form-and-Pour Cast-In-Place walls. In these applications, from an Engineering and Code point of view, we are simply supplying a “Prefabricated, Insulating, Reinforcing Cage” to the Project. We are not constructing the structure.

Here is the list of the 12 elements of our BP² World; the 12 Faces of our enterprise:

1. BP²Plants
 - a. BP² will have 6 BP² RIPs Plants in the continental USA, so that no point of the USA is more than 500 miles from a Plant.
 - b. These 6 BP² RIPs Plants are owned and operated by BP².
 - c. We supply panels for projects being built by Certified Constructors in the continental USA.
2. BP²Engineering
 - a. The BP² RIPs Panelized Building System is an Engineered and Code-Conforming Building System.

- b. The IP-Protected Engineering is integral to the BP² RIPs Panelized Building System.
 - c. The supply of the BP² RIPs Panelized Building System includes the associated Engineering, in other words, BP² RIPs are supplied with Engineering.
- 3. BP² Education / Support
 - a. We market the BP² RIPs Panelized Building System primarily through Continuing Education Programs to Architects and Engineers.
 - b. Our Continuing Education Programs are certified with the AIA and ASCE.
 - c. Our Proprietary Certified Constructor Training Program supports our Certified Constructors with initial and ongoing training information.
 - d. We supply estimating for conceptual projects and support Certified Constructors in preparing estimates and budgets for BP²RIPs projects.
- 4. Certified Constructors
 - a. These are builders with the skills, training, and experience to successfully construct structures with the BP² RIPs.
 - b. No BP² RIPs are installed without the use of one of our Certified Constructors.
 - c. The only exception to this restriction is using BP² RIPs in:
 - i. Tilt-Up
 - ii. Precast
 - iii. Cast-In-Place, Form-and-Pour Walls.In these 3 uses, we supply panelized “Prefabricated Insulating Reinforcing” cages for others to install in their forms or casting beds.
- 5. Licensed Plants for Vertically Integrated Producer / Builder
 - a. These are Licensed Plants, owned and operated by others, who desire to produce BP² RIPs for their own projects.
 - b. These VIP Plants do not openly sell into the marketplace, although we may use them to supply RIPs projects where they are closer to the project than one of the BP² Plants.
 - c. The IP-Protected Proprietary Equipment for fabricating BP²RIPs are Licensed to these Plants; not sold to them.
- 6. International Licensed Plants
 - a. Outside of the continental USA we collaborate with others to supply the BP² RIPs through Licensed Plants.
 - b. These International Plants are granted Protected Territories in the marketplace, and we will refer all inquiries in their Territories to them.
 - c. The IP-Protected Proprietary Equipment for fabricating BP² RIPs are Licensed to these Plants; not sold to them.
- 7. 3rd Party Engineers
 - a. The BP² RIPs Panelized Building System is an Engineered and Code-Conforming Building System and the IP-Protected Engineering is integral to the BP² RIPs Panelized Building System. The supply of the BP² RIPs Panelized Building System includes the associated Engineering.

- b. There may be occasions in the USA, and Internationally, where a local Engineer is needed, or desired, for a specific Project. In such cases, the local Engineer can act as the “Peer Review Engineer”, co-stamping / jointly stamping the Engineering we provide for the Project.
- 8. BP² Design
 - a. We develop details for use with CAD to help Designers better integrate our BP²RIPs into their projects.
 - b. We work with others, such as Door & Window manufacturers, to properly integrate their products into our BP² RIPs.
 - c. We develop “models” for use in CAD/BIM so that material lists for the fabrication of BP²RIPs panels may be generated automatically from the design. With over 2000 permutations of our RIPs panels available, these models are not a priority currently.
- 9. BP² Manufacturing
 - a. We manufacture our IP-Protected Equipment.
 - b. We facilitate the supply of tools and equipment made by others for our Certified Constructors and Licensed Plants.
- 10. BP² R&D
 - a. We investigate and develop improved tools, techniques, and materials for integration with the BP² RIPs Panelized Building System.
- 11. BP² Energy
 - a. We supply our Patent-Pending Hybrid Geo-Thermal HVAC System.
 - b. This is the most efficient and cost-effective HVAC system we know of in the world.
 - c. This is our recommended HVAC system for all buildings built with BP²RIPs.
- 12. Blue Planet Builders
 - a. We develop and construct projects using BP² RIPS.
 - b. Our primary focus is the construction of Blue Garden Neighborhoods.
 - c. Our secondary focus is the reconstruction of structures in Natural Disaster areas such as Wildfire, Hurricane/Cyclone, and Earthquake disaster areas.
 - d. We have an ongoing program of projects for Marketing and Training experiences.

