

Avila Engineering & Construction Newsletter – April, 2018

Issue #5

THE BLUE BOOK NETWORK

AE&C is registered in **The Blue Book Building and Construction Network** with the goal to build relationship with the most active General Contractors in the area and offer our outstanding services and experience.

AE&C can be found under the following Concrete Contractors classifications:

- Concrete Contractors – Reinforced Concrete Structure
- Concrete Contractor – sidewalks/floors/Flatwork



The Practice of Constructability is still relatively unpopular due to the lack of awareness. 90% of the Developers, owners or contractors do not currently use this technique in their project management. However, construction that use Constructability are more likely to finish on time and save money.

WHAT IS CONSTRUCTABILITY?

A basic definition of this process is: how efficiently and easily can a structure be built, and how to make it even more efficient, easier and sustainable?

Constructability is a technique to review construction and processes from the earlier phases of the project and during the pre-construction stage in order to identify obstacles before a project is actually built to reduce and/or prevent errors, mis-information, delays and of course cost overruns.

Avila Engineering & Construction has successfully applied this methodology in its projects with the objective to:

- Apply new technologies in order to
 - Be more efficient during construction (how we can build faster and reduce costs)
 - Analyze the application of new construction systems and products.
 - Implement new safety solution and plan during construction
 - Identify, reduce, mitigate and eliminate project risks.
 - Improve final outcome have a structure more energy efficient.
- Integrate Management Team Engineering and Construction to:
 - Include construction experience and recommendations during the design to save time and costs.
 - Identify key suppliers and budgetary information.
 - Identify constraint and issues in the design and schedule between trades (structural, plumbing, mechanical, electrical, drywalls, etc.).
 - Challenge designers in order to be more effective and efficient.
- Start assembling the team to
 - Recognize stakeholders, classify project resources.
 - Fit in the team for construction.
 - Perform cost/benefit analysis on equipment quantity demands.

“Risks come from not knowing what you are doing”

Warren Buffet

RENOVATION EXPERT

AE&C has a division for renovation. We strive to add value to your property and create a practical space that complement your requirements perfectly. Our group can assist you on **home or commercial** enhancement project, supporting you on the design and construction of any addition, interior renovation such as bathrooms, kitchen, bedrooms & livingroom. We are a licensed renovation company with experience of creating a stylish and functional living space in South Florida.

Please do not hesitate to contact us for a free consultation and estimate. Our number is **561-931-7698**.



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