



Wellington Condominiums
Exton, PA
Spring Thesis Project
BUILDING FOR THE FUTURE

B.3 Data Collection Tool

A questionnaire was created to gain an in depth knowledge as to industry member's method, procedure, or process when considering the usage of a new formwork product. This questionnaire was utilized through personal and phone interviews with industry members. A total of five interviews were conducted with a wide range of people in many construction related areas as to gain a perspective of the whole construction industry. The data collection questionnaire for the interviews conducted is outlined below.

Interview Questionnaire Outline:

~**Introduction:** Thank interviewee for their time and cooperation.

~**Overview:** Basically what I am trying to do is create a decision tree by mapping out the process industry members make when a new product comes out regarding formwork systems.

~ **Question 1:** My focus is on the method, process, or procedure you conduct when considering the usage of new formwork products.

Not focused on if you prefer flying truss versus conventional wood systems or the advantages and disadvantages of a system; rather on a deeper behind the scenes outtake on the following:

Who do you talk to?

Who makes the decisions?

Do you have an established procedure you must do when considering new formwork systems or in general new products?

~**Discussion 1:** 10 minute discussion on this subject with interviewee.

~**Question 2:** As far as the legalities of formwork design during construction; who has the risks and responsibilities?

~**Discussion 2:** 5 minute discussion on this subject with interviewee.

~**Question 3:** Who takes the risk and responsibilities if the formwork system is integrated with the assembly?



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During construction a contractor will not have the ability to decide on whether or not he/she can select to use a particular formwork system. The contractor has no choice but to use the formwork system selected prior.

If the designer then decides for the contractor on the formwork selection, do they take on some of the risk and responsibilities?

~**Discussion 3:** 10 minute discussion on this subject with interviewee. Highlight the Wellington Condominiums Project and the issues surrounding the project team.

~**Question 4:** Who takes the risk and responsibility of the formwork system if problems were to occur on the project in terms of schedule and budget?

Do contractors need to jump in early in the design phase of construction?

Is there a different process in decision making that must take place in the selection of formwork systems?

~**Discussion 4:** 10 minute discussion on this subject with interviewee.

~**Conclusion:** Reiterate by thanking interviewee for their time and cooperation.