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## Welcome to the Shelter Structures Newsletter: Issue #3



### Shelters Built for the Energy Industry: BP Example

With extensive experience in the field and in the business of creating shelters of all types, we are able to bring our in-depth knowledge to each and every new project we take on. Last year we had an exciting project in which we had the opportunity to create a shelter for BP, a leader in the energy industry. From this project, we learned many things that we have continued to put into our shelter projects. One of the most interesting aspects of this line of work is creating solutions - and that's just what we did for BP.

#### About the Project:

The shelter is being used to protect the electronics that go into a windmill; with this project near Scranton, weather was an issue.

We used ballast to anchor the shelter, the big concrete blocks you see inside, rather than traditional anchors which are screwed into the ground. This was necessary as the ground underneath the shelter was comprised of about 12" of topsoil and blast rock underneath. Blast rock is the result of a blast that produces a lot of differently shaped rocks, so you really can't put an anchor in the ground because you may hit rock or you may not.

Relocatable shelters need to be able to be anchored in any surface. The ballast option allows for just that, so anchoring conditions do not have to be considered.



#### Creating Solutions:

We met with our engineer to determine how much weight we needed to hold the shelter down and then bought blocks from a nearby supplier. As they plan to move the shelter at some point, BP will be able to simply put the blocks in a truck with the shelter, head to the next site and install it again. If you plan to move your shelter, be sure to inform the project manager so that you can take advantage of this option.

#### Energy Industry:

ShelterStructures.com is able to access your unique requirements and plan a structure accordingly. We understand that shelters are not cookie-cutter and BP is just one more example of how we were able to work with the situation that we were given to create the shelter that was needed.

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