

Commanding Officer  
70th Engr Bn (Cbt)(A)  
ATTN: S-3  
APO 96297

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Co A, 70th Engr Bn  
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1. When pouring a concrete pad for a building, it is sometimes easier to set the posts right into the pad rather than trying to use anchor bolts to secure the posts. This can be accomplished by using short pieces of lumber of an identical dimension to that of the actual posts. If these pieces of lumber are oiled and placed into the concrete pad at a depth of about half the pad while the concrete is still soft, they will form a base which can be used to support the actual posts after the concrete is cured. The oiled pieces of wood should be removed after the concrete has had a chance to partially set up.

2. When constructing the brigade designed living/fighting bunker in areas subject to heavy monsoon rains, it is advisable to place the footer on top of the ground and to shorten the posts accordingly. This provides drainage under the bunker water from setting underneath. In addition, this modification saves considerable time in placing and leveling the footers as opposed to placing them three feet below the ground.

3. When removing large rocks from stream beds where it is important to preserve the bed rock in order to prevent seepage, always blast the rocks from the top down. Although car-muff charges may be more efficient in terms of explosives used, they can sometimes do more damage than good especially if you wish to establish a level foundation for laying culvert. Many times erratic blasting produces holes in the bedrock and leads to water seepage.

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