

4550507 STUCTUTERS FOUNDATIONS  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (11-19-19, Internal)  
Same comment as for the DB version

I do not think this revision is necessary for two reasons. One is that a floating template would not meet the existing requirement for a fixed template. If a contractor was allowed to use a floating template then this shows a need for education, not a spec change.

The second reason is that a fixed template can be achieved and it may even be attached to a barge. If the barge is designed properly and using a support system to the ground and then is jacked up to remove the buoyancy then the system is stable and will perform adequately.

Response: The language was modified indicating that the Engineer may allow the use of floating templates if the Contractor demonstrates that pile alignment, horizontal position and vertical position can be maintained. This was discussed and concurred with Larry Jones from the Structures Design Office. Change has been made.

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Comments: (11-25-19, Internal)  
Delete floating and delete the ().

I would rather it say Do not use templates attached to a barge.

I know where they are coming from but using floating will just raise an argument someday.

Response: Please see response above. Change has been made.

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Comments: (12-16-19, Industry)

Structures Foundations :The Memorandum for this review says that the change was to clarify that floating templated attached to a barge will not be accepted for pile driving. But the proposed revision provides contradictory message by saying thus: “ The Engineer may allow the use of templates attached to a barge if the Contractor demonstrates satisfactory that the pile alignment, and the elevation and horizontal position of the template can be maintained during all pile driving operations.”

Response: The original draft produced for this change, did indicate that we were not going to allow templates attached to a barge. However, after the comment made the Structures Design Office during the internal review (see first comment above), we modified the language to the current version.

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