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**Date:** July 9, 2013

**To:** Matt Wheeler  
Precast Division Manager  
S.D. Ireland Companies  
193 Industrial Ave  
Williston, Vermont 05495  
[matt@sdireland.com](mailto:matt@sdireland.com)

**From:** Bill Nourse

**Re:** Woodstock Project # BRO 1444 (55) Lifting Hardware Modification  
Bridge #23 on Town Highway 6  
Woodstock, Vermont

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At your request we have reviewed the proposed relocation of footing lifting hardware. As we understand, footings 1a, 2a, 3a and 4 will have lifting hardware located on vertical surface 1'-0" from base and 2'-0" from ends (4 total each footing). Footings 1, 2, and 3 will typically have same adjustments. Where relocation is not possible due to geometry and construction sequence, hardware will be installed 1'-0" from base and have a minimum 1'-0" edge distance. Final location of footing 1, 2 and 3 lifting hardware will need to be coordinated with construction sequence.

At the specified stripping compressive strength of 4,500psi we find the handling stresses (stripping and yard handling) to be acceptable for footings with the proposed lifting hardware modification.

Please do not hesitate to contact us with any questions or comments; or have the Owner or their consultants of record contact us to expedite the process.

Cc: Chris Duplantis (S.D. Ireland Co)