

Southgate Steeplejacks

Steeple Building • Steeple Restoration

279 Websterville Road • Barre, Vermont 05641 • (802) 839-6099
www.southgatesteeplejacks.com

STRUCTURAL SPECS TO ACCOMPANY DRAWINGS FIRST PARISH PORTLAND

All threaded rod/bolting grade 5
All Const adh PL400
All Epoxy West System
All exterior fasteners Stainless Steel
Timbers spruce/pine/fir

GENERAL NOTES

The columns are NOT load bearing, and are very heavy, approx 200 lbs per. They were held in with toenailed nails, see drawings for new attachment.

The balustrade will be built so as to be capable of standing on its own with no attachment to the building. Then, once it is place, we will re-use the exisging steel posts. These posts are fine, but are poorly fastened down

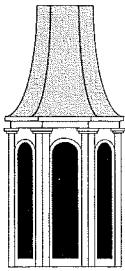
The urns were held in with steel pipes. We may or may not do it the same way. I will consider attaching them with copper struts back to the roof also. I want this to be a judgment call during the work.

You will see that I have made the belfry wall to post connections so that there is airspace between them. I do this in part because I plan to assemble the entire belfry exterior as a hollow "tube" that will be lifted in one piece and lowered over the belfry structure. The steel angle brackets will be installed while the crane is holding the load.

But, I am a great believer in the value of having airflow between an exterior skin and framing. Not shown is the fact that I will also use shimming on the lantern posts so that airflow is achieved there also.

But, the basic difference between the belfry and the lantern is that the lantern structure will have it's skin applied here at the shop and shipped as a complete finished unit. The belfry skin will be made here in the shop but slipped over the structure on site

Stephen Jenks/ First Parish UU
110 Marginal Way
Portland, Me, 04101



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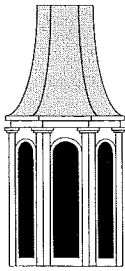
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