

Porte Cochere

The morning of Jan 6th, 2003, it was noticed that the porte cochere at the main entrance to the mansion had been struck once again, and that this end section with the two columns it supports had been shifted further out of position.



Outlined here in red, fresh paint and bright metal indicate the point of impact.

To the right, we see clear evidence of the shift, nearly an inch of freshly exposed material.





The photo above begins to illustrate the most disturbing aspect of the shift in position. The joint between the base and the column has opened up considerably.

The photo to the right, presenting the opposite side of the column, shows the results of having the entire weight of the structure rest on a single point instead of shared out across the entire face of the base.

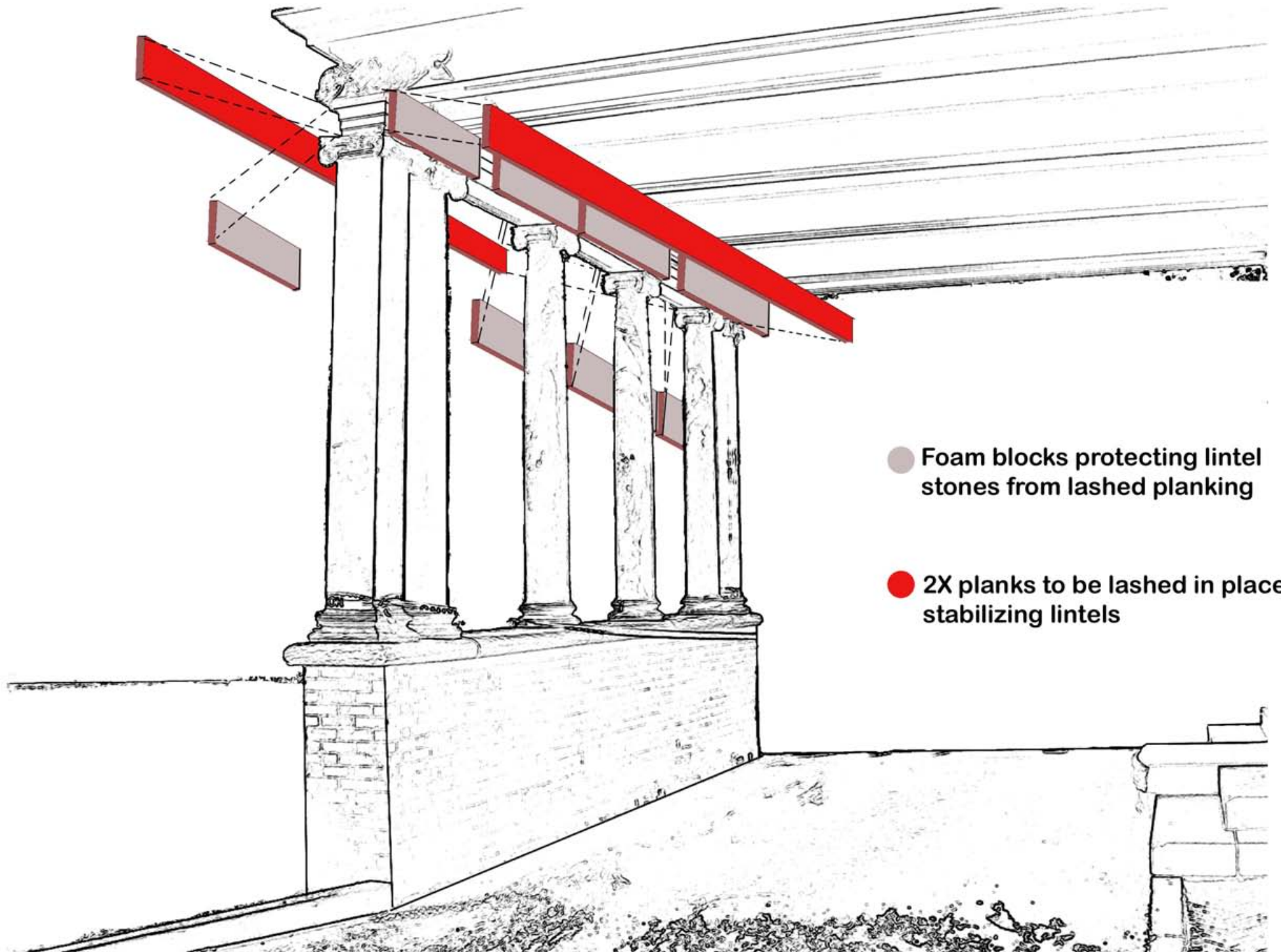


It will not be possible to realign the break without disassembling the columns, however, the old mortar will be removed prior to moving the marbles, and the gap will close somewhat in the process.



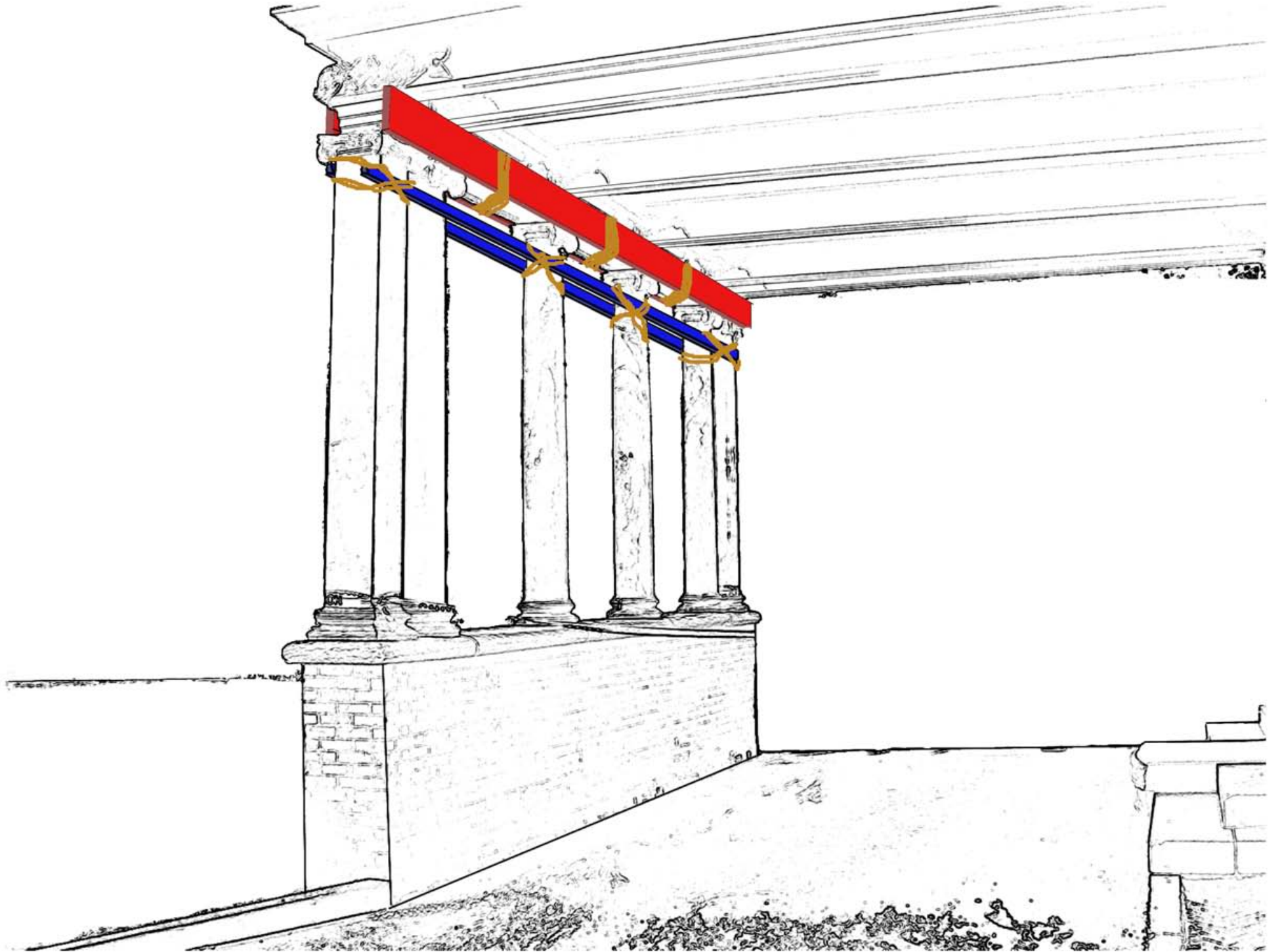
Part of the installation, but not related to the accident, the brickwork flanking the main entrance, is showing the same symptoms, and requires the same treatment, as the rest of the masonry that has been repointed over the past several decades.





● Foam blocks protecting lintel stones from lashed planking

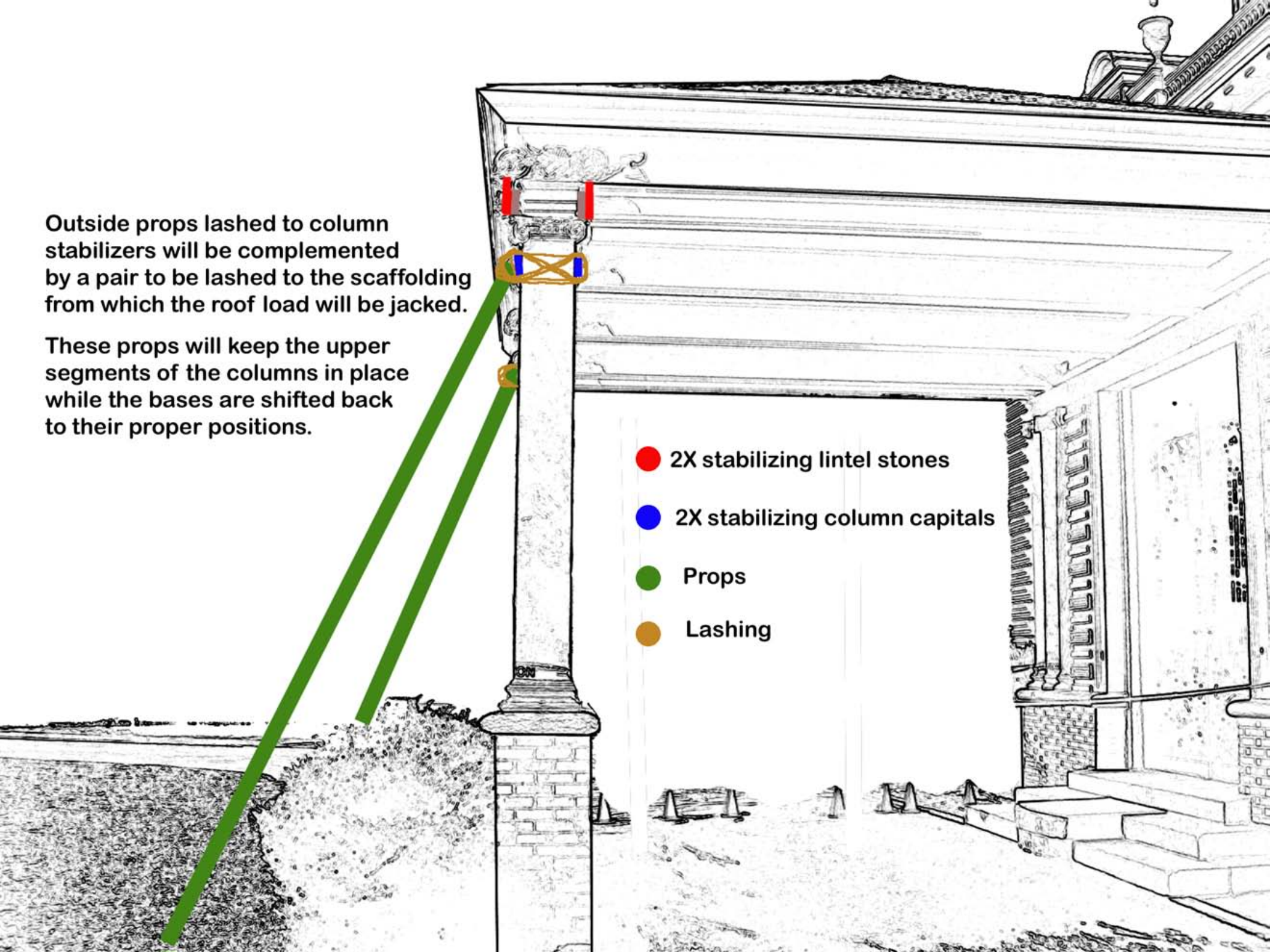
● 2X planks to be lashed in place stabilizing lintels



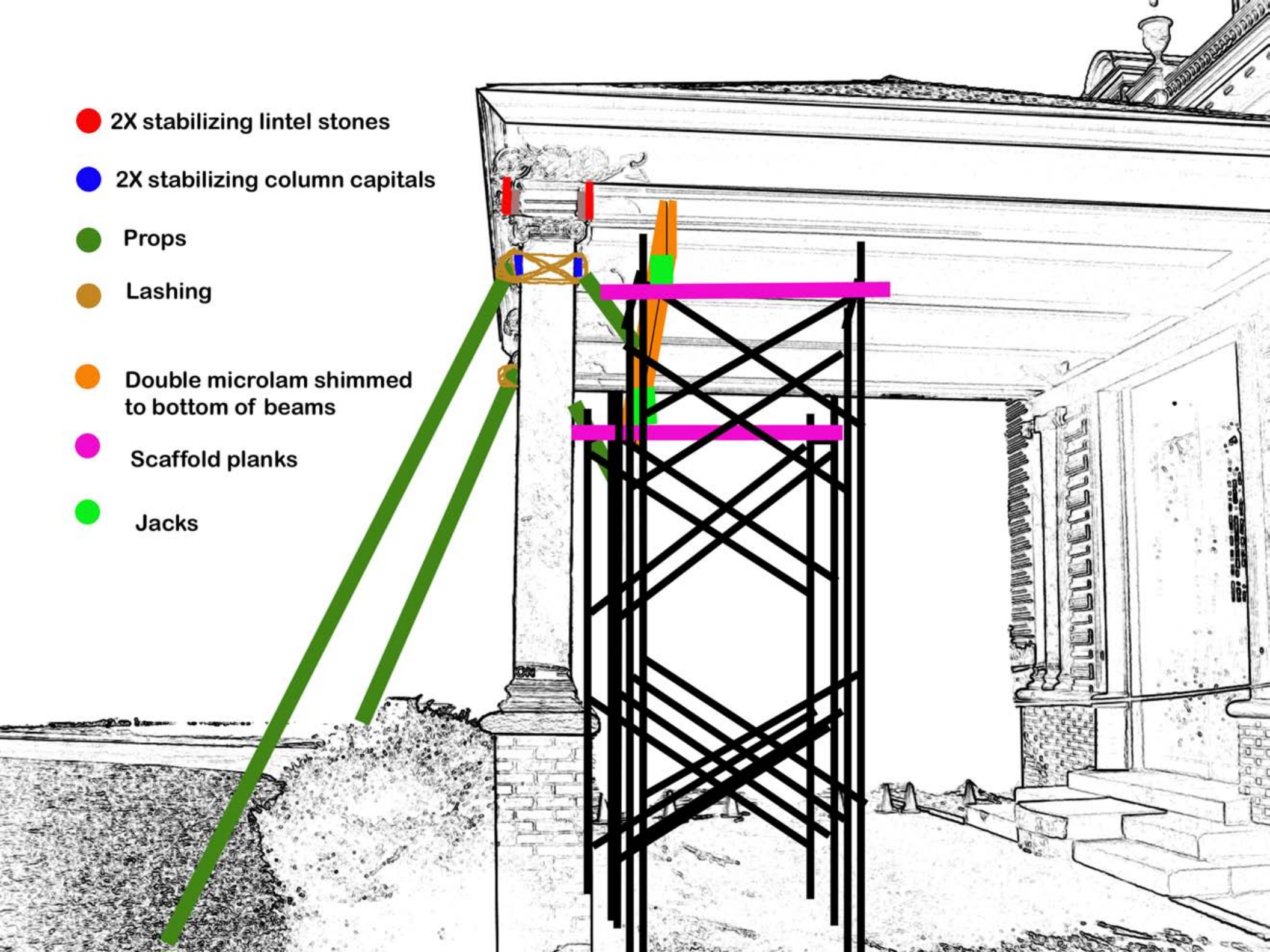
Outside props lashed to column stabilizers will be complemented by a pair to be lashed to the scaffolding from which the roof load will be jacked.

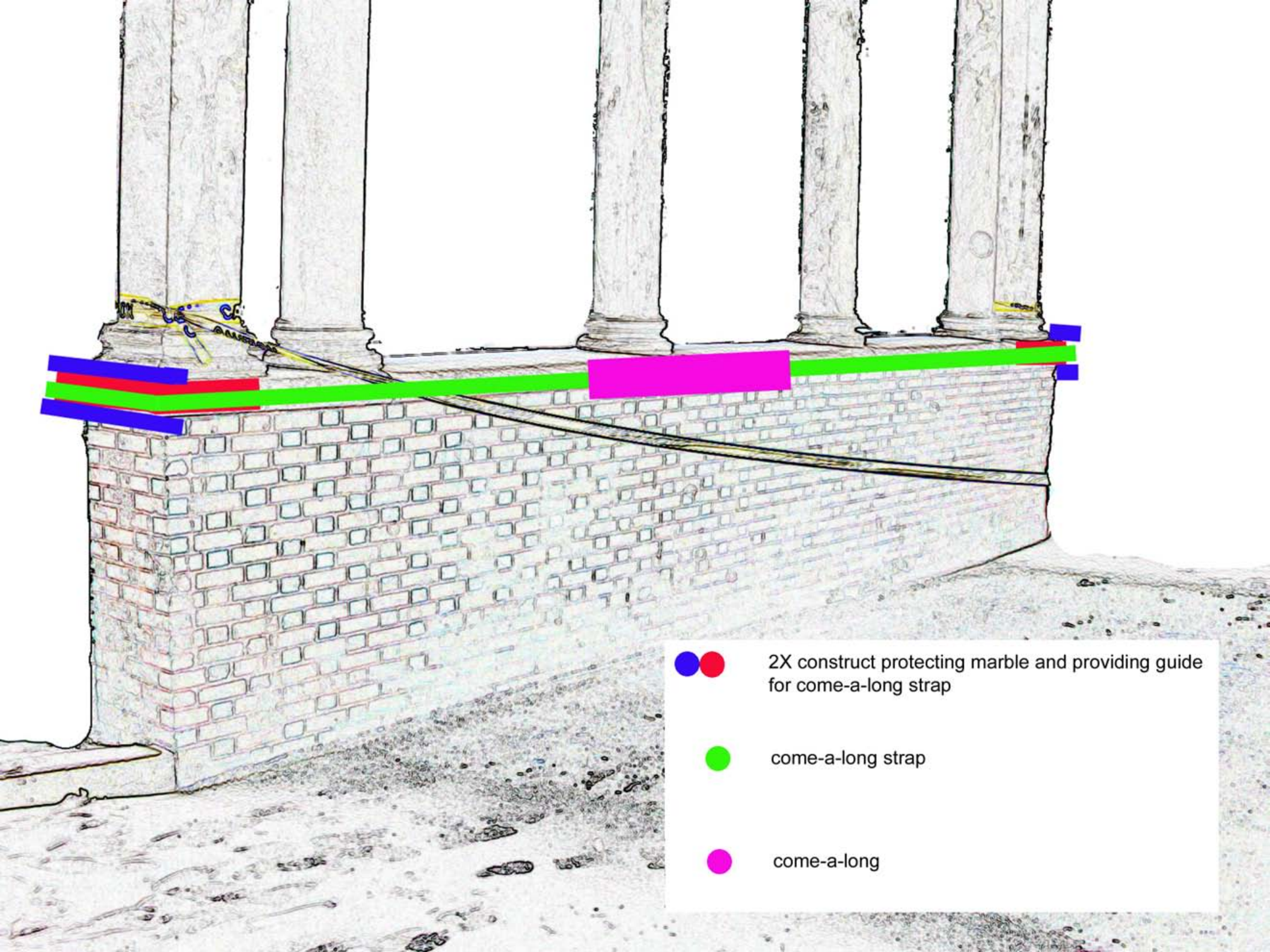
These props will keep the upper segments of the columns in place while the bases are shifted back to their proper positions.




- 2X stabilizing lintel stones
- 2X stabilizing column capitals
- Props
- Lashing



- 2X stabilizing lintel stones
- 2X stabilizing column capitals
- Props
- Lashing
- Double microlam shimmed to bottom of beams
- Scaffold planks
- Jacks

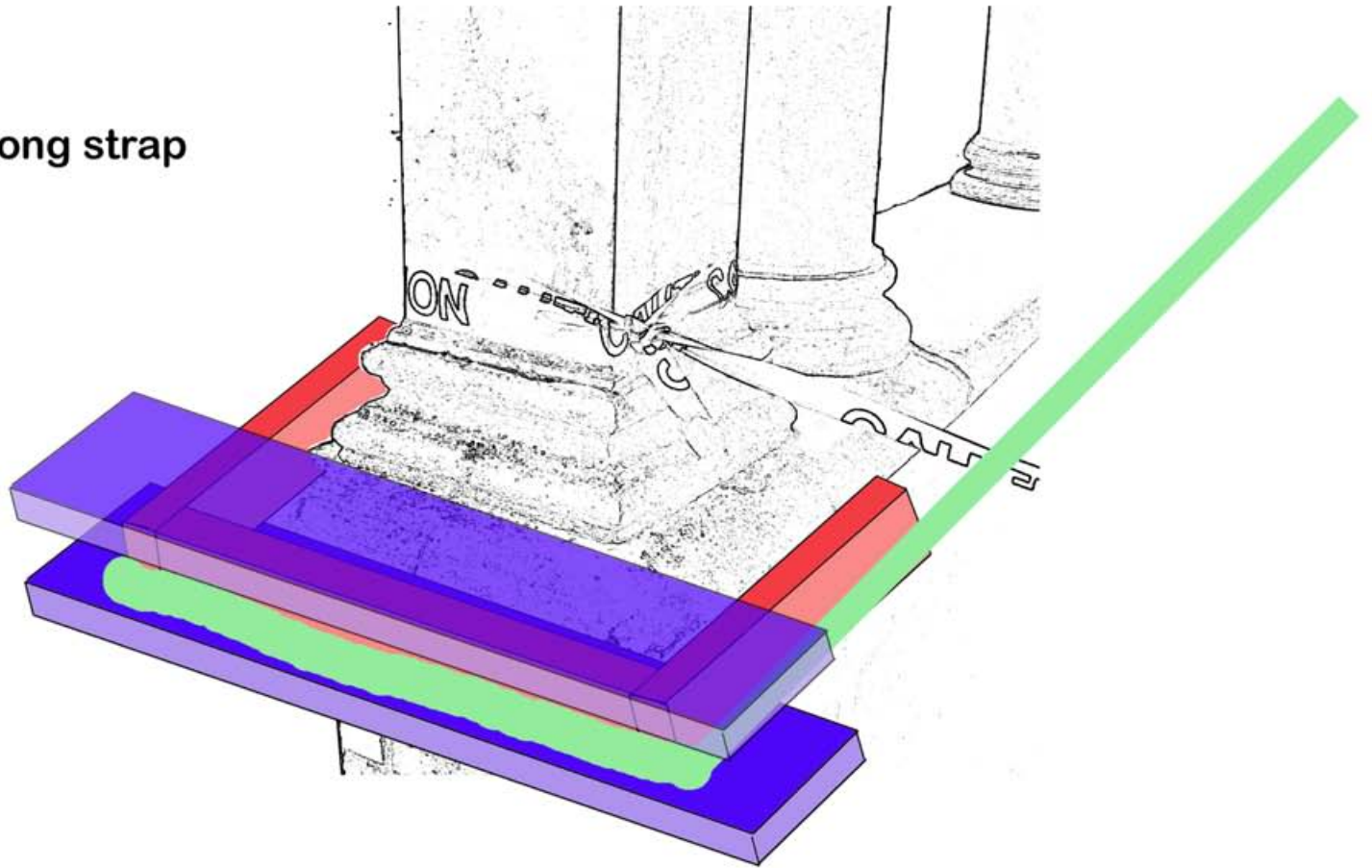




-  2X construct protecting marble and providing guide for come-a-long strap
-  come-a-long strap
-  come-a-long

● ● 2X construct protecting marble
and providing guide for
come-a-long strap

● come-a-long strap





The only significant changes made from the drawn plan were to move the mount for the jacks from the upper deck of the scaffold, to the ground, and the addition of scaffolding outside. The operation was a success.

