



Metro Historic Zoning Commission

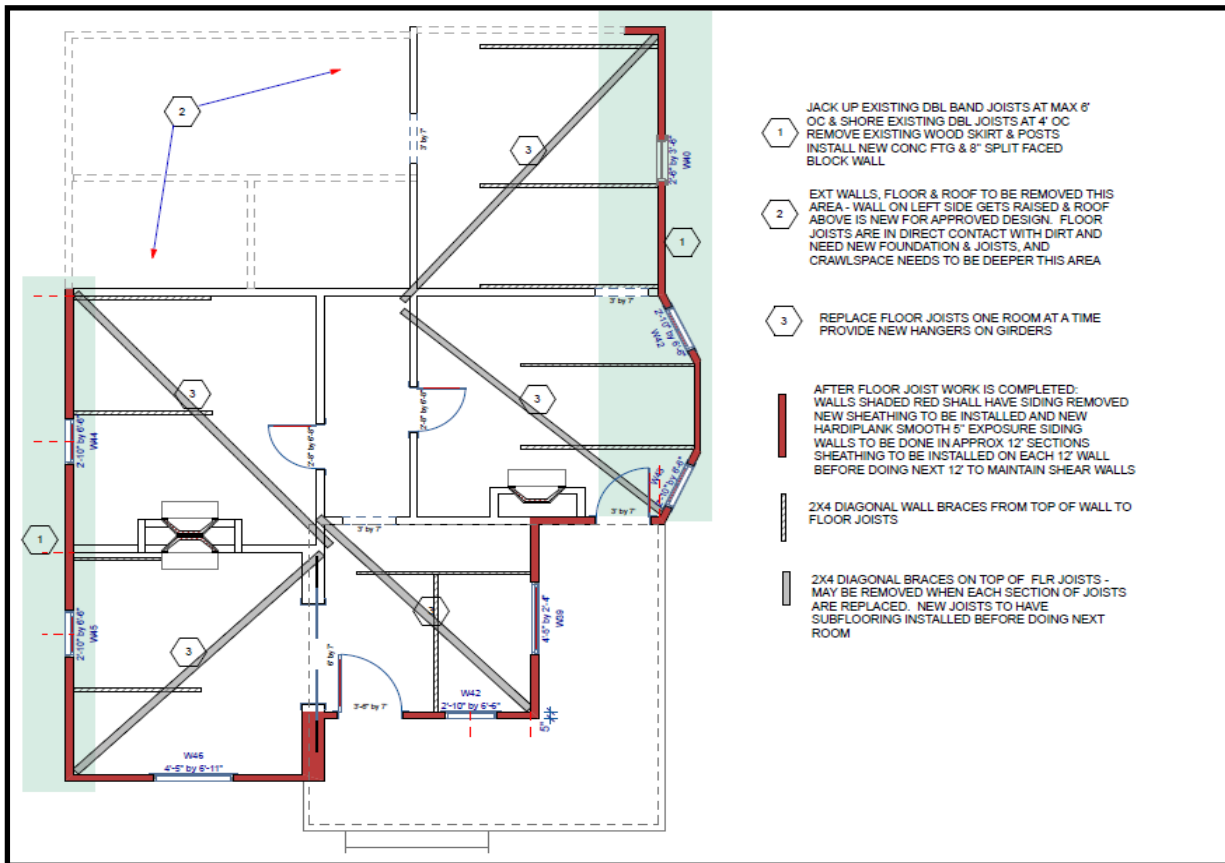
SHORING REQUIREMENT DESIGN REVIEW SUPPLEMENT

SHORING REQUIREMENTS

Some additions or other actions can leave a historic building in a fragile state. For that reason, the MHZC often requires a shoring plan, also known as a “dismantling plan” to show how the building will be protected during rehabilitation.

Steps for shoring/dismantling:

1. Evaluate structural components scheduled to be removed, using an engineer or qualified architect or knowledgeable builder.
2. Brace and stabilize structure to account for removal of structural components.
3. Remove components a section at a time, checking the stability of the building each time.
 - If removing rafters or floor joists, remove alternate rafters/joists, checking stability at each stage.
4. Dismantle temporary bracing elements of walls and/or roof, checking the stability of the building each time.
5. If at any point needed alterations to the plans are identified, check with MHZC prior to continuing work.



Example of a shoring plan describing shoring steps and illustrating what type of temporary support will be added where.



Example of interior shoring of a masonry building in preparation for foundation repairs.