



To Whom It May Concern,

Horizon Residential Energy Services, acting as contractor for Melissa and Dan Riley of 102 Codman Street, Portland, is applying for a residential construction permit.

The work scope contracted at 102 Codman Street is solely based in the attic of that single family home. The intentions are not to change the use of that attic. This is a walk up attic, from the second story. The sole use of this space is storage, and that will be it's remaining use. Should the Riley's change the use of this space they will submit for future permits appropriately.

The work scope includes thermal upgrades with closed cell spray foam to the rafter cavities and gable end walls. The fire code requirement will be met by installing 1/2" sheetrock over the spray foam. The sheetrock will be coated with joint compound.

There will be knee walls built on each eave side as detailed in the provided sketch. We were instructed that we need only submit the attic cross section and footprint for this application, according to a discussion with Jeanie Bourke. The knee walls will be constructed with 2x4 KD lumber with a bottom and top plate. These walls are being constructed for organized storage within the larger attic space. Two access points will be designated on each wall. The rafter bays inside the knee walls will be sprayed with fire code rated paint.

Code compliance will be reached electrically for these walls and the attic space. Matt Tarring of Tarring Electric will submit for the electrical permit. There is currently a switched light and some outlets.

Collar ties consisting of 2x4 KD lumber will be installed to allow for wiring and lighting in the attic.

The old boarding acting as subfloor will remain. Existing windows will remain. The existing handrail on the walk up stairs will remain. No trim or finish materials will be installed in this work scope.

I have discussed this work scope with Jeanie Bourke and Brian LaFlamme in the Department. If there is any questions on the intent of this work scope please contact them.

Thank you,

Sincerely,

Nate Howe (Horizon Residential Energy Services)
cell - 207-712-1680

Horizon Residential Energy Services
109 Fox Street
Portland, Maine 04101