



CTI Contractor Services, LLC

> Building, Lead, Asbestos, Mold <

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To: City of Detroit Historical District Commission

Re: 14935 Westwood – Detroit

Here are the questions answered as asked in email dated 12/11/2020.

- There are essentially two things the commission will consider:
 - 1. Is removal of historic age windows warranted (you are making the case that yes, because of lead)
 - The windows are the main reason the children of the home are being poisoned.
 - To just do a paint and or repair will lead the lead in place and cause lead hazards to be present in a short time with the friction and impact on the wood windows.
 - 2. How closely does the proposed replacement window match the existing windows / in other words, is it an appropriate match?
 - The new units with the high quality Historical Retro Fit by Quaker Windows will allow us to be within 3/8" of an inch in similar size.
 - With these new units the colonial muntin bars will also be within 1/8" of width of size

We will need comparison drawings that existing measurements compared with that of the proposed windows. The window manufacturer should be able to provide cutsheets, but we will need to make an "apples to apples" comparison with the existing windows.

- I have attached drawings of what is existing on the home. The other attachment is showing the new units cut away.

Finally, we will need a detailed scope of work that shows exactly what is being replaced with what, to include:

- We have attached a detailed copy of the scope of work that State of Michigan Lead Program has written up to remove the lead hazards. They changed the scope of work from vinyl windows to wood units to meet the historical requirements.

Written info / Narrative for Commission – submit this as pdf or word document, not in email:

1. Description of existing conditions (including height, style, materials and design – basic info as outlined in power point- ok... how many windows tested positive for lead?)

- I have attached a pack of drawings to show the existing sizes of the windows with height, width, colonial grid / muntin bar design, thickness of the sash components.
 - All windows were found to be lead and a lead hazards. The units are a friction and impact hazards, along with the heavy deterioration / flaking of the paint.
 - If the old units are left in place the sashes will be allowed to continue to emit lead dust and continue to poison the children of the home. Along with the adults. Lead poisoning is a highly dangerous effect on both children and adults causing severe damage lasting forever.
2. Description of project (including an explanation as to why replacement- rather than repair- of existing and/ or construction of new is required)
- The replacement is the only 100% assurance that the lead will be removed, and the lead hazard s will not return to poison these children or others in the future.
 - The repairs of the existing will not remove the lead, even if the paint is stripped. It has been shown that the lead leaches into the wood and will leach back into new painted units.
 - Replacement is the best way to ensure a lead safe home.
 - The Historical Retro fit unit from Quaker is the best unit to assure the best fit and similar look to not lose the appearance of the existing windows.
 - The front door will be cut down on edges to remove the paint and re painted to ensure no edges will hit or cause friction or impact to cause lead dust to come out and effect the residents.
 - By installing the new shas & frame the lead will not come back out.
3. Detailed scope of proposed work for approval (formatted as bulleted list (including height, style, materials and design
- The drawing has been submitted as to the details of all the existing windows.
 - The new units will match sizes within approx. 3/8" on all edges.
 - The colonial muntin bars will be withing 1/8" in size of existing.
 - The details scope of work as set forth by the State of Michigan Lead Program has been attached

We have also attached a copy of the full Lead Inspection & Risk Assessment for the home showing all the hazards and main lead hazards are the windows. The state and contractor both feel this is the best solution to make the home lead safe and not poison any more children in the home.

Thanks

