

Correspondence ID: 1 **Project:** 76028 **Document:** 85393
Received: Feb,02 2018 10:55:54
Correspondence Type: Web Form

Correspondence: Topic Question 1:

Thank you for the ability to comment. I consider the Mammoth Hotel a living museum, its history, is still being written today by guests, and by all the people who take care of the Hotel. As you can surmise i have no problem at all with the windows being replaced. Perhaps though one or two rooms can be restored with all the original pieces/windows in place or on display so to speak. So perhaps a few rooms can be 'precisely' restored in accordance with the Historic preservation rules? And these rooms can keep all the original character, wooden floors, fixtures, basins etc. maybe these rooms can be sold with this unique character or stay in mind? I don't know too much about the hotel or any past renovations but preserving a room 'exactly' back to the early 1900's might be fun.

Comments: As Yellowstone Moves Forward, I feel its mission in part should be of Ecological greenness, efficiency, and it should as much as possible reduce its impact on the env. So any renovations that pays mind to this would be more important to me than maintaining a specific wood type or door frame. Also especially since it is a Hotel, I feel it needs to modernize and to be a comfortable place for guest and to showcase efficiency and be green in any small way possible. We all have a footprint on the planet and anyway we can reduce that and show others how to reduce that is more important to me than if it retains the original window glass and frame, etc. Thank You.

Correspondence ID: 2 **Project:** 76028 **Document:** 85393
Received: Feb,03 2018 10:19:13
Correspondence Type: Web Form

Correspondence: Topic Question 1:

I think any adverse effect of replacing the windows with energy efficient windows at the mammoth Hot Springs Hotel is unwarranted. It is a great idea to make such a change in the name of conservation--conserving energy should be paramount in the Park, if not the entire world! I say do it!

Comments: I am all for changing out ALL building windows in Yellowstone national Park with energy efficient ones to improve conservation. What more is there to argue about that?

Correspondence ID: 3 **Project:** 76028 **Document:** 85393
Received: Feb,03 2018 12:24:44
Correspondence Type: Web Form

Correspondence: Topic Question 1:

Just try to make them look similar to the old ones as much as possible. Close is good enough.

Comments: It's OK for these historic structures to evolve over time. That is a normal progression. Preserving things exactly as they were should be reserved for only a few historic structures, not those that still serve an evolving purpose ina changing world. I fully support the improvements.

Correspondence ID: 4 **Project:** 76028 **Document:** 85393
Received: Feb,04 2018 17:50:01
Correspondence Type: Web Form

Correspondence: Topic Question 1:

Find a better solution

Comments: The historical integrity of the building is more important than other concerns.

Correspondence ID: 5 **Project:** 76028 **Document:** 85393
Received: Feb,05 2018 07:19:25
Correspondence Type: Web Form

Correspondence: Topic Question 1:

The park can restore the existing frames and convert the existing sash to insulated glass, or have replica wood sash with insulated glazing fabricated that fit into the existing frames. This way, you save the original fabric and achieve an energy efficient system. Re-View Windows is doing this scope of work on the Wyoming State Capitol project right now. <http://reviewwindows.com/state-capital-wyoming.html>

Comments:

Correspondence ID: 6 **Project:** 76028 **Document:** 85393
Received: Feb,07 2018 13:05:18
Correspondence Type: Web Form

Correspondence: Topic Question 1:

If the effort is made to replicate the very old windows they should be allowed. If they are seismic improved how can you not replace them. And to save on heat use/costs seems moral at least. You might have to give up some preservation pride for safety and cost. Even tho it's ethically questionable for the preservation commission.

More important though is MAKING SURE THE NATUONAL PARK OWNS THE NAMES OF ALL YOUR BUILDINGS. Yosemite was screwed by greed by this company.

Comments:

Correspondence ID: 7 **Project:** 76028 **Document:** 85393
Received: Feb,09 2018 16:35:44
Correspondence Type: Web Form

Correspondence: Topic Question 1:

I am a long time visitor to Yellowstone (2-3 times per year x 29 years), and an active advocate to the protection of this great Park. While the current windows in the Mammoth Hotel may be of an historic nature, the continued use of these windows create their own adverse effects due to their lack of energy efficiency. I believe that the integrity of all structures in YNP is critical to protect their historic nature and value; however, not at the expense of lower energy costs. It is extremely expensive to maintain YNP's structures, and if the replacement of windows in the Mammoth Hotel can help to mitigate that cost, then I am in favor of bypassing the historic adverse effects identified. The replacement of these windows is not tantamount to say, removal of the map in the map room.

Comments:

Correspondence ID: 8 **Project:** 76028 **Document:** 85393
Received: Feb,12 2018 10:01:49
Correspondence Type: Web Form

Correspondence: Topic Question 1:

NPS would be able to great benefit from preserving their existing windows with the use of our Indow window inserts. Indow window inserts help bring up the thermal performance of single pane window to a R- Value of 1.87 while without needed replacements.

Comments: Indow has been able to help many historic buildings preserve their windows through the use of our custom interior storm windows. Custom inserts using a 6 point laser measurement system allows us to fit every window opening snugly while maintaining architectural relevance and bringing up the energy efficiency of the building. We are currently spec'ed into a hotel project in Yosemite right that is slated to start in 2020.

Please email nancy@indowwindows.com directly for additional information: Specifications, arch diagrams and product data.

Correspondence ID: 9 **Project:** 76028 **Document:** 85393
Received: Feb,14 2018 10:20:32
Correspondence Type: Web Form

Correspondence: Topic Question 1:

The first option recommended would be to restore the current windows. If energy efficiency is a concern they can install interior storm windows that would provide the energy efficiency of a modern window with little to no effect of the windows.

If they must be replaced they should be replaced with historic exact-match replica windows. Because the quality of the original wood is unlikely to be matched with new stock of the same species, they should be made of Accoya...an acetylated wood that has a 50 year warranty.

Comments:

Correspondence ID: 10 **Project:** 76028 **Document:** 85393
Received: Feb,14 2018 10:24:12
Correspondence Type: Web Form

Correspondence: Topic Question 1:

The need for training in historic building preservation is widespread among federal agencies. Many do not have adequate funds to contract that type of work out, resulting in the dilapidation of many historic administrative buildings. A great option to mitigate this effect would be to offer low cost or free training/workshop options for federal employees on how to do basic restoration work in house. Principally dealing with standard differed maintenance type work (windows, insulation, roofs, etc.). I know there are currently a few trainings offered, however, they are not well publicized with other federal agencies and perhaps if they were coordinated with the WY SHPO it would provide better opportunities for other agencies.

Comments:

Correspondence ID: 11 **Project:** 76028 **Document:** 85393
Received: Feb,14 2018 13:09:49
Correspondence Type: Web Form

Correspondence: Topic Question 1:

Don't replace them. Proposing to replace all windows in the name of increasing energy efficiency ignores the inherent historic significance of the windows and their retrofit potential. As a former guest of the hotel and practicing preservation specialist, I observed these windows and noted their good condition but clumsy operation. Their operation can be improved by adding a spring bronze weatherstrip that will help guide the sash within the jamb, while also mitigating drafts. The sash size is substantial, making them good candidates for removing the single pane glass and installing a thinner IGU such as Pilkington Spacia or equivalent. Additional improved energy performance can be achieved by installing rigid insulation in the weight pockets (as to not interfere with the weights themselves) to block thermal breaks in the frame and jamb.

Comments: Thank you, NPS, for the opportunity to comment on this issue.

Correspondence ID: 12 **Project:** 76028 **Document:** 85393
Received: Feb,15 2018 15:46:34
Correspondence Type: Web Form

Correspondence: Topic Question 1:

I am submitting comments on the pending undertaking in Yellowstone National Park, to replace 172 windows in the 1913 wing of the historic Mammoth Hotel. As a statewide non-profit concerned with the preservation of historic places throughout Montana, we have enjoyed a cooperative partnership relationship with Yellowstone National Park for over a decade. Our role as partner is often to support the park on projects that advance stewardship and appropriate management of cultural resources within the park. This has included, in past, training on significance and traditional methods of window restoration.

If the windows of the Mammoth Hotel absolutely must be replaced, the new units should recreate the windows to the fullest extent possible. As for mitigation, I encourage the park to go beyond simply recording and photographing what is coming out. Take this opportunity to offset the loss in a

meaningful way that relates to the history and prominence of this building, and provides the public a lasting benefit.

With that in mind I offer the following thoughts:

â€ Save all of the windows upon removal.

â€ Host a conference on this the importance of retaining historic windows. This is a teachable preservation moment. Yellowstone has an array of really interesting historic windows. Create educational content from the standpoints of design, embodied energy, lasting nature of the materials, and historic significance. And invite speakers to address the movement to replace windows all over the country - what are the alternatives, we get lost in that process.

â€ Offer the public the opportunity for training alongside YNP staff and Concessioners. Ideally that would include preservation crews, maintenance craftspeople, architects, designers, tradespeople and the general public. Hold onsite trainings at alternative buildings within the park, and perhaps in nearby gateway communities, to teach and restore windows. MPA has collaborated in recent years with hands-on door and window restoration workshops with the NPS Vanishing Treasures program in Grand Teton National Park. The workshops were truly well received and a substantial amount of restoration work was accomplished. Those NPS-public partnered workshops would be a great model for a series of mitigation projects for the loss of the Mammoth windows. Trainings outside of the park would also offer enhanced ability for the public to value and benefit from the mitigation.

â€ Repurpose some of them in an educational manner, ie. a display on the window patterning throughout the park, creative installation, sculptural interpretation of evolving architecture.

â€ Make every attempt to reuse the historic units in other repair work - at the very least save and reuse the historic glass in repair work on other period buildings within the park.

The MPA has an active Restoration and Training program with a staff architect and 15 years of working with YNP. We would offer our expertise and be truly interested in being engaged as a partner to the park in meaningful programming to offset the loss of the Mammoth Hotel windows. Thank you for the opportunity to comment.

Comments: As a significant building within the Mammoth Hot Springs Historic District, the hotel is important. I had the opportunity to visit and stay in Mammoth Hotel last month, and to view the restoration work recently completed on the first and second floors. I believe those planning this project are taking great care to treat this heritage property with respect.

The restoration work and reconfigured spaces were a great improvement and will give the hotel renewed resilience in its harsh climactic setting. Work that I saw reflected the kind of high quality and thoughtful design standards that the architect Robert Reamer brought to the original plans for the hotel. Clearly, the guest wing of the hotel will benefit from the planned improvements.

That said, the windows to be replaced lend much character to the design of the guest wing, clearly this is a sensitive aspect of the renovation of the historic hotel. It would most certainly be the preference to restore the existing windows if possible. We trust that the decision to replace was made only after determining that it would not be feasible to do that.

Correspondence ID: 13 **Project:** 76028 **Document:** 85393
Received: Feb,16 2018 14:37:43
Correspondence Type: Web Form

Correspondence: Topic Question 1:

Consider the larger implications of the action and the precedent created.

Comments: Although the action appears to address a very specific feature of a specific property, the implications are HUMONGOUS, or "Mammoth" to use the locational context.

The implications here are national in scope regarding preservation of historic properties, NPS policy, the future of the National Parks, Secretary of the Interior standards, compliance with SHPO determinations, and National Register determinations, etc.,etc. The list will be endless.

Although the action addresses a specific feature, it is one aspect of a larger, deeply disturbing situation.

The larger project here represents a consumptive use of a historic resource.

The changes in the building are quite consistent with the new theme park/resort model that is projected for the NPS that is incrementally appearing in subtle and indirect ways.

The historic complex was specifically intended and designed for seasonal use and the historic transoms, etc. demonstrate that function that are part of its historic character and experience of the place. Such a facility was primarily a step up from tent camping that is the traditional manner of experiencing a National Park stay.

In such a case, bathroom facilities were commonly shared, designed and deployed to experience a National Park, and this building was a step up, but not to exclusivity.

The alterations to the structure here do impact the historic character and function of the structure, offering amenities that visitors expect from an upscale resort. The numerous cited complaints in the documents clearly indicate resort amenities and conditions expected by upscale clientele.

Moving forward with the theme park model is entirely consistent with recent NPS directives such as the Fee increases and the statement that RV facilities will replace campgrounds in the future. These are actions that clearly exclude a large sector of the American people.

These actions further bring into reality the formerly bogus assertion that the National Parks serve an elite who should pay for the experience of the Park and its maintenance, not the taxpayer.

Here, at this historic place, instead of having an experience in an historic property as it was designed and intended the traditional experience of the place has been discarded.

(Such traditional experience is not out of vogue elsewhere, however, noting the Bed and breakfast mode that is proliferating).

The potential damage from this specific action is incalculable, however, on historic preservation standards and determinations.

Throughout the nation, as local, state, public and private entities try to follow Secretary of the Interior Guidelines for preservation, the biggest challenge is often replacement windows, and it is a major struggle to preserve this historic feature, especially in the face of owners' complaints and intense project by project lobbying by vendors who present "expert" opinions on functionality.

If this goes through, what are the consequences?
(It will serve as precedent).

Are Adverse Impact windows now acceptable? !!!!!

Indeed, what is an adverse impact and how is it determined?

A window is one feature, but once this window is opened, so will doors, walls and every feature of a structure

Locally, you present us with a crisis and confusion that we will have to face imminently.

It is a mess.

Correspondence ID: 14 **Project:** 76028 **Document:** 85393
Received: Feb,18 2018
Correspondence Type: Letter

Correspondence: Dear Sir or Madam,

Regarding the Wyoming Historical Society's objection to the replacement of windows which would be more efficient and provide improved ventilation for guests at the Mammoth Hot Springs Hotel; I submit that while historical preservation is vital to ensure future generations can appreciate the modes, methods and aesthetics of the past; it does not trump the need to preserve the park and other natural resources for future generations to enjoy. Energy efficient windows support a reduced impact on the natural resources and an energy cost savings, which will help to control operating costs and allow future generations afford to visit the park and appreciate all the wonders it has to offer. In the interest of historical preservation, I suggest at the minimum a sample of the original windows be removed intact and preserved either in storage or in a display; such a display might one day be an exhibit in a museum dedicated to the construction of the park, which would pay homage and provide an understanding of the means, methods and strategies of building the first and greatest National Park in

the world. A museum as I am describing would more articulately explain to visitors what went into those windows than any simple observation of them in the wall could ever provide. These windows are destined to fail eventually, due either to age or wear and tear, its better to preserve them now, when there is a practical reason to replace them anyway, then to try and restore them post failure when they have become the reason to replace them.

Regards,

Correspondence ID: 15 **Project:** 76028 **Document:** 85393
Received: Feb,12 2018
Correspondence Type: Letter

Correspondence: Dear Mammoth Hotel Renovation Group:

I have stayed at Mammoth Hotel during more than 10 visits to Yellowstone National Park. I am quite familiar with the windows in the guest rooms. I am also an avid supporter of the park, and am a member of the Old Faithful Society. Concerning the choice between preserving the hotel's historic integrity and energy efficiency I believe that the National Park Systems focus on energy efficiency throughout the system would be somewhat compromised if it chose to retain the existing very energy inefficient windows. Perhaps an acceptable alternative would be to replace the windows but to include a type of exterior wooden frame that would resemble the frames of the existing windows.

Thank you for your time considering my comment.

Respectfully yours,

Correspondence ID: 16 **Project:** 76028 **Document:** 85393
Received: Feb,12 2018
Correspondence Type: Letter

Correspondence: Dear Sirs:

I believe the window replacement at Mammoth Hot Springs should be done. The building must be kept operable.

Yours truly,
