

Hi Steve and Andrew,
Here are the responses. Hope that we aren't too late!
Joanna

2. Include in plans to share with HLC:

- Photo of the south parapet and a note confirming that the north parapet design draws from this existing south parapet

Yes, it is required that the north parapet is reconstructed similar to the existing south parapet. The masonry coursing detail (Drawing S5001, Sheet 8 of 10 in the drawings) and the specification (SS044300) were developed from our documentation and analysis of the existing south parapet. I have attached a couple of our photos which you may share with the HLC.

- Note from Sparks confirming that the the north parapet reconstruction has been designed to withstand 100- and 500-year flood events

Yes, the north parapet is designed for 100-yr and 500-yr flood events. The 100-yr flood event is included on the Structural Certification for Flood Resistance on Drawing S5001. We did not explicitly show the 500-yr event because this is not typically a design requirement and in this case the 100-yr event is the more extreme event with respect to the forces on the wall (higher velocity).

We can include these and all future review comments in a drawing revision after all comments have been received and the project is ready to move forward for bidding and construction.

