

**Project:** Casco Bay PG – Stair/Elevator Tower Restoration  
**Project #:** WO 3604  
**Date/Time:** May 31, 2016, 9:30 a.m.  
**Observers** Joshua Martin-McNaughton, Author (BSE)

I visited the site to review the progress of the work and to check for general conformance with the design intent of the drawings and specifications for this project. The weather at the time of this visit was sunny and 65 degrees F.

The following observations were made:

1. The twisted straps securing the roof wood framing to the 2x10s securing need additional nails within the ceiling cavity. Most of the straps only had 1 or two nails. Reference the strap manufacturer for fastening requirements. See adjacent photo.
2. Many of the steel angle brackets securing the roof framing spacing are off and need to be spaced at a maximum 24" O.C. Reference sketch SK5.
3. Cut off the ends of the anchor bolts securing the roof perimeter 2x10 so not to interfere with siding or support girts.
4. All through bolt threads need to be "upset" to prevent the nuts from potentially backing off.
5. Cut off the existing roof framing anchor bolts that are used to secure the roof framing to the split face block so not to interfere with siding or support girts.
6. The exterior steel angle lintel above the 5th level door needs to be sealed, similar to what has been completed at all the other window lintels.
7. A small diameter abandoned conduit penetration through the CMU wall located above the 5<sup>th</sup> level exterior door needs to be grouted and coated with air/vapor barrier.
8. Where the scaffolding is attached to the CMU, the exposed CMU needs to be coated in air/vapor barrier. See adjacent photo.
9. Some of the sealant that was applied to the window perimeters and steel angle lintel were damaged from the adjacent welding and needs to be repaired. This occurs where the steel plate bands were welded to the steel angle lintels.



10. Before the wall panels are installed, the exterior needs to be washed down to remove debris so it isn't stuck behind the siding once installed. See photo below



11. Before the wall panels are installed, at the flat roof level, this area needs to be cleaned up and reworked with wood blocking as necessary to install the roofing flashing tie-ins and thru wall flashing. See photo above. Reference BSE drawings and wall panel shop drawings for further information.

12. Any additional penetrations through the exterior air/vapor barrier need to be detailed/sealed per the air/vapor manufacturer. This includes fasteners securing the wall panels and girts.

13. The louver at the top of the elevator shaft will have to be removed and reset to be incorporated with the wall panel system. See adjacent photo and reference the wall panel shop drawings.



14. Steve K. is coordinating with the electrician to replace missing and damaged overhead light fixtures.

15. BSE walked with Doug Morin of the City of Portland Inspections Office through the worksite for an inspection. The inspector took no issues. A final inspection will be scheduled at a later date.

**CC: File, John Peverada (City of Portland), Steve Kalisz (MHR), Tim Rich (KISC), Todd Neal (BSE), City of Portland Inspections Office**