

Site Inspection Report



Stantec

FILE 195310193

Report No. 2

Date: Wednesday, March 12, 2008

Contractor: Liszt Historical Restoration

Contract No.:

Building Permit No.:

Owner: City of Burlington, Vermont

Weather: Flurries, $\pm 30^{\circ}$

The following items were noted as a result of the inspection.

CONTRACTOR PERSONEL ON SITE

3 Labourers (Dave, Tom, Mertin)

Paul Liszt site periodically to give instructions and deliver materials and equipment.

DESCRIPTION OF WORK

Today's activities: The contractor has completed dismantling Pylon #9 two to three brick courses in from the face course. The remaining wythe will be drilled to accept tap connections which will anchor parging material and new brick.

The contractor has also exposed the steel column in Pylon #8 to a point where the column steel is smooth and nearly blemish free. This point was measured and found to be $18' \pm 7"$ from the top of the steel column. It has been observed, during the demolition process, that in the area where corrosion is not so prevalent, the wythe is much less densely packed. Some of the bricks were found to be finger loose and it was apparent that the bricks had not been mortared to the column. Paul surmised that this feature allowed water and moisture to drain away from the steel, preventing corrosion from occurring at such a rate as higher up on the column.

Paul proposes that some type of spacer/sealing material be placed over the column before it is covered up in brick to help seal off the steel from outside moisture and allow any moisture that reached the steel to drain out. He will be submitting samples.

The replacement horizontal S6x12.5 beams were being painted today. They are receiving two coats of D.T.M. Alkyd Gloss Enamel Pastel Base M26 1B by Benjamin Moore & Co. These are to be welded in place as per a telephone conversation with Martin W. Hain from Knights Consulting Engineers who had inspected the original beams and had determined that they would need to be replaced. The top ears of the original connectors will be removed and the new beams welded in place resting on the lower ears.

One Team. Infinite Solutions.

Today's photos:



Steel column in Pylon #8 connection point for horizontal member. Top ear will be removed.



Looking down the exposed steel column of Pylon #8. Notice much smoother steel at the base of the exposure.

STANTEC CONSULTING LTD.

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