

Figure 60B.2.2a



Figure B.2.2b



Figure B.2.2c



Figure B.2.3a



Figure B.2.3b



Figure B.2.4a



Figure B.2.4b

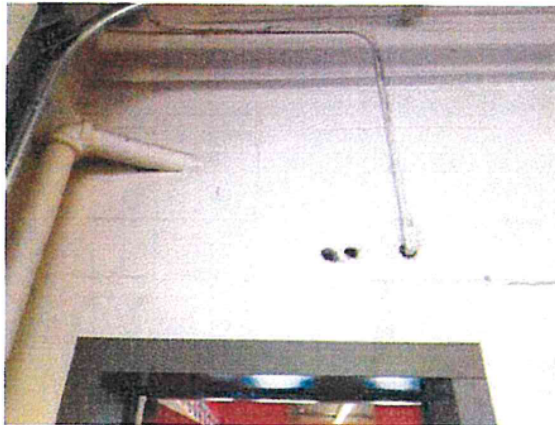


Figure B.2.4c



Figure B.3.1



Figure B.3.2a



Figure B.3.2b

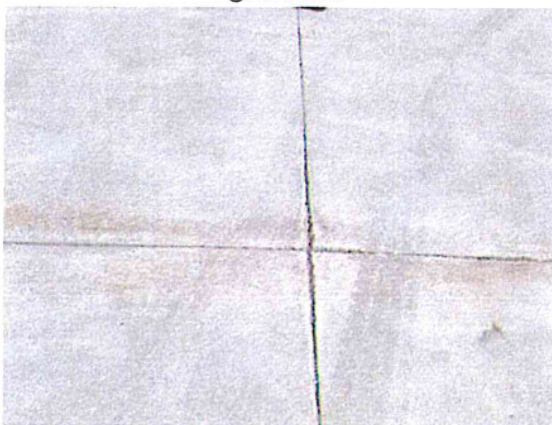


Figure B.3.2c

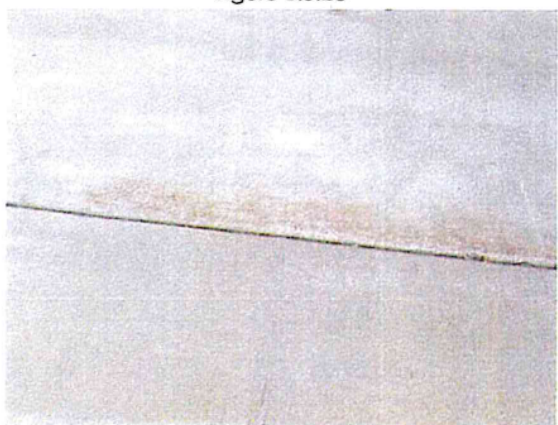


Figure B.3.3a



Figure B.3.3b



Figure B.5.1



Figure B.5.1



Figure B.6.1



Figure B.6.2



Figure B.7.1



Figure B.10.1



C. Structural Frame

1. Foundation
 1. The foundation appears to be in good condition as there is no evidence of building settlement.
2. Slab-on-grade
 1. Where visible, the slab appears to be in generally good condition.
 - (1) There are minor cracks in the apparatus bay floor as is expected where there are no control joints.
 - (2) There is patching of the apparatus bay floor where the original office was removed during the apparatus bay expansion.
 2. The joint between the original Bay floor and the Bay Addition floor is in good condition.
3. Superstructure
 1. The exterior bearing walls are concrete masonry and are generally in good condition.
 - (1) There is continuous vertical cracking at the southeast corner of the Bays.
 - (2) There is continuous vertical cracking at the east side of the Bays.
 2. The interior bearing walls are concrete masonry and brick-faced concrete masonry at the Bay addition. They are in generally good condition.
 - (1) There is continuous vertical cracking just south of the original north wall of the apparatus bays.
 - (2) There is continuous vertical cracking just south of the door connecting the Bays with the City Hall lobby.
 3. The original roof structure is cement decking over steel trusses and the 1980's addition roof structure is metal deck over steel trusses. All appears in generally good condition.
 - (1) There is minor cracking at some of the cement decking.

Figure C.2.1



Figure C.2.1.1



Figure C.2.1.2



Figure C.2.2



Figure C.3.1.1

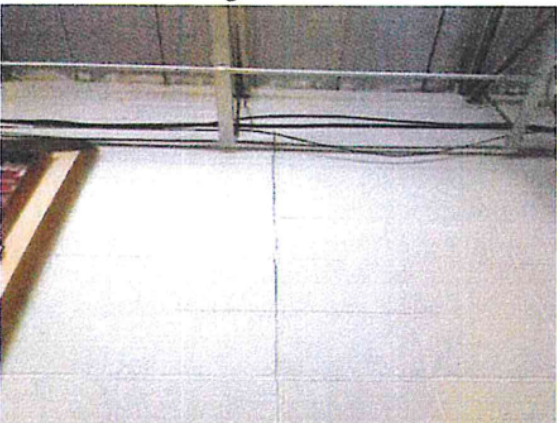


Figure C.3.1.2



Figure C.3.2.1



Figure C.3.2.2



Figure C.3.3



Figure C.3.3.1



D. Exterior Enclosure

1. Exterior walls

1. The exterior walls are of standard brick and are in generally good condition.
 - (1) There are some locations along the west wall of the boiler room where the mortar has separated from the bricks. This should be tuckpointed.
 - (2) The brick at the southwest corner of the office is spalled.
 - (3) There is no sealant at the base of the wall where it meets a concrete sidewalk.
 - (4) There is no evidence of flashing at the base of the wall. The construction of the wall might be such that the flashing is not required, but it is typically installed as a best practice.
 - (5) The corbelled brick at south wall is chipped and spalled in many locations.
 - (6) The brick at the base of the corbelled brick at the southeast corner is missing.
 - (7) There is a crack at the east wall that has been sealed. We anticipate that sealants will need to be replaced within five years.
 - (8) There are bricks at the northeast corner of the apparatus bays that are cracked or spalled and should be repaired.

2. There are no expansion joints in the brick except where the addition ties into the original building.
 - (1) The brick expansion joint sealant between the original building and the addition is in good condition. We anticipate that sealants will need to be replaced within five years.
3. The brick wall above the electrical service is stained. This is a cosmetic issue.
4. The infill walls clad in vinyl siding are in good condition.
5. The piping and conduit penetrations through the exterior wall are in generally good condition. We anticipate that sealants will need to be replaced within five years.
2. Windows and Doors
 1. The apparatus doors are in good condition.
 - (1) The weatherstripping at the apparatus doors is in poor condition and should be replaced.
 - (2) The steel angles at the apparatus door jambs are scraped and beginning to show signs of rust.
 - (3) The limestone surround at the west side of the center apparatus door is severely cracked and should be repaired to prevent further degradation.
 - (4) The sill at the east apparatus door has spalled and should be repaired.
 2. The exterior man door into the Boiler Room has faded and is beginning to show signs of rust. We recommend scraping off the rust and loose paint and painting with a rust-inhibiting paint.
 - (1) The limestone surround at the man door into the Boiler Room is missing mortar at the joints or is cracked between the mortar and the limestone. This should be tuckpointed.
 3. The louver into the Boiler Room has faded and is beginning to show signs of rust.
 - (1) The rowlock brick sill at the louver into the Boiler Room is in good condition.
 4. The glass block window into the Boiler Room is in average condition.
 - (1) The limestone sill at the glass block window into the Boiler Room is missing mortar is cracked between the mortar and the limestone. This should be raked back 1/2" and filled with sealant.
 5. The exterior man door into the office is in good condition.
 - (1) The limestone surround at the man door into the Office is spalled in one section and is missing mortar at one joint and should be tuckpointed.
 - (2) The hollow metal frame at the man door into the Office is showing signs of rust. We recommend scraping off the rust and loose paint and painting with a rust-inhibiting paint.
 6. The exterior man door into the Bays is in good condition.
 7. The exterior vinyl windows are reported to have been replaced in 2015 and are in good condition.
3. Roof
 1. The ballasted roof was installed in 2008 and is reported to be in good condition.
 - (1) The membrane shrank and pulled a portion of the apparatus bay parapet onto the roof. This was repaired under warranty.
 2. The metal parapet caps and flashings are in excellent condition.
 - (1) We anticipate that sealants will need to be replaced within five years.
 3. The stucco soffit under the apparatus bay canopy is in good condition with some minor cracking.

Figure D.1.1

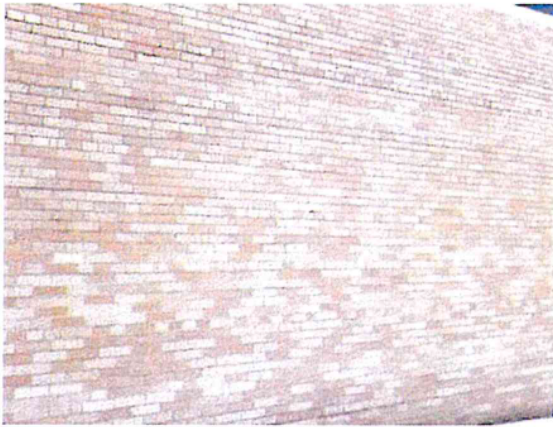


Figure D.1.1.1

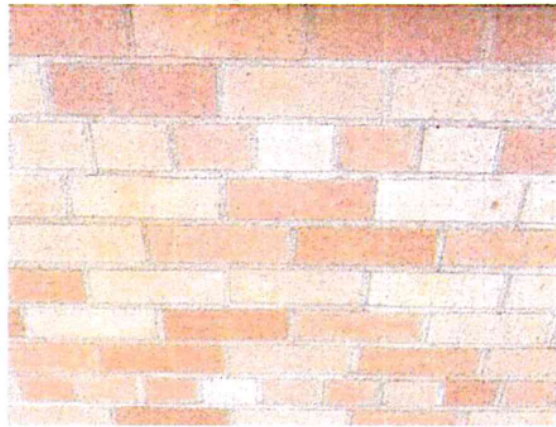


Figure D.1.1.2



Figure D.1.1.3



Figure D.1.1.4



Figure D.1.1.5a



Figure D.1.1.5b



Figure D.1.1.6



Figure D.1.1.7

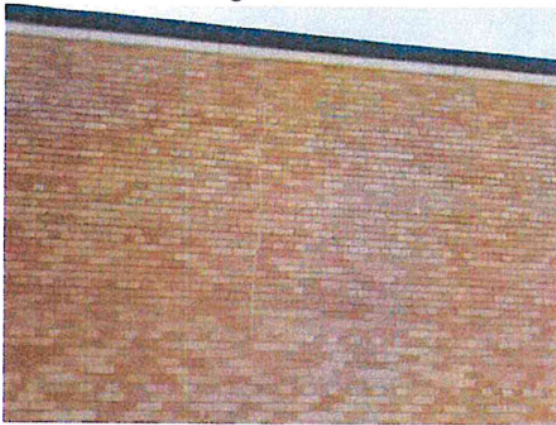


Figure D.1.1.8



Figure D.1.2.1a



Figure D.1.2.1b



Figure D.1.3



Figure D.1.4



Figure D.2.1



Figure D.2.1.1a



Figure D.2.1.1b



Figure D.2.1.2a

