

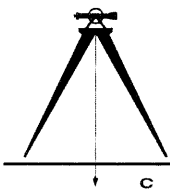
**Façade Examination
Highcrest Middle School
569 Hunter Road
Wilmette, IL**

**PREPARED FOR
BERGER EXCAVATING CONTRACTORS
1205 GARLAND ROAD
WAUCONDA, IL**

Prepared By

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May 5, 2020

Mr. Woodward Schultz
Project Engineer
Berger Excavating Contractors
1205 Garland Road
Wauconda, IL 60084

Re: Façade Examination
Highcrest Middle School
569 Hunter Road
Wilmette, IL 60091
SEI #120062

Dear Mr. Schultz,

At your request, on Tuesday, April 21, 2020, we met with you at the above referenced property. The purpose of our visit was to examine the existing north façade wall of the school. Based on our observations limited to visually accessible components, the following is a summary of our findings:

1. It is our understanding that an extensive flood control project is being performed to the west of the school property. During construction which is to occur over the next several months of this year, trucking traffic hauling excavation material will be routed along the north side of the school, approximately 30' away from the façade. Part of the project specifications require preconstruction photographs to document the conditions along this north wall.
2. Most of the school consists of a two-story masonry structure. No original drawings of the building were available for review, and its exact age is unknown, but it appears to have undergone numerous additions over the years. The original building appears to be located on the east side of the property, with additions expanding to the west.
3. Beginning at the east end, a gymnasium is present. Moving west, there are several classrooms/administrative offices, then a two-story entry foyer, followed by an auditorium, another gymnasium, and finally more classrooms and stair towers.
4. The interior of the building was generally found to be in overall good condition, with limited amounts of distress such as cracking present. It was noted though that many areas contained suspended ceilings and/or walls covered with drywall, shelves, fixtures, etc., and therefore not all areas were completely visible.

5. In regards to the exterior, many areas have extensive deterioration, including cracked brick, open mortar joints, efflorescence, and cracked caulking. No pattern to the deficiencies was apparent, and they were present across the entire façade in both the newer and older sections. The deteriorated condition weakens the strength of the masonry, making it more susceptible to damage that otherwise would not occur. Irrespective of the temporary haul road, the wall should be more thoroughly investigated to determine the extent of repairs required. Our examination was limited and the intent was not to identify all damage or distress, nor to prevent further deterioration.

In summary, the north wall of the school contains many areas of existing masonry deterioration/damage, particularly on the exterior. We have prepared a drawing to note the locations of the more substantial conditions photographed.

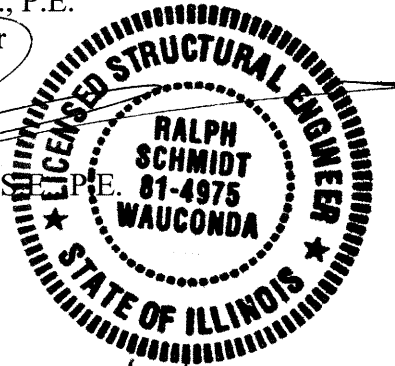
If you have any questions or need additional services, please do not hesitate to contact us.

Sincerely,

John Doles

John Doles, S.E., P.E.
Project Engineer

Ralph Schmidt, S.E., P.E.
President



11/30/20