



85 South Route 100, Allentown, PA 18106

610.398.0904 610.481.9098

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Date: August 27, 2019
Project #: 01003314.012
Service Task: 00OBS00

To: Mr. Robert W. Whartenby, Director of Facilities
From: Mr. Todd L. Gerhart, P.E., S.E.
Copy to: Mr. Robert E. Korp, AICP, LEED AP; Mr. Sam L. Warshawer, Jr.; file
RE: WTHS – PRECAST CONCRETE HAUNCH – SHORING INSTALLATION
Centennial School District
48 Swan Way, Warminster, Bucks County, Pennsylvania 18974

Sent via email to wharro@centennialsd.org

In accordance with the Initial Findings and Safety Memo dated August 16, 2019, Centennial School District (CSD) has retained a shoring contractor, Eastern Scaffolding and Shoring, Inc. (ESS), to install temporary shoring on the first and second floors along column line 3 in the A-, B-, and C-wings at the subject location. Mr. Todd L. Gerhart, P.E., S.E., and Mr. Andy Munas, P.E., from our office performed the observation of the shoring work performed by ESS from August 23 to August 26, 2019. The purpose of the visits was to observe existing conditions and temporary shoring for general conformance with the recommendations outlined in the Initial Findings and Safety Memo and the Shoring Location Plans SK-081619-01 to -06 dated August 16, 2019, and revised August 21 and 26, 2019.

Summary of Observations:

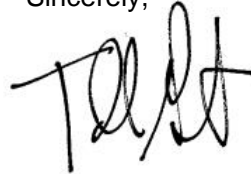
1. The temporary shoring of the second floor and roof framing along column line 3 in the A-, B-, and C-wings at the subject location is complete as follows:
 - a. A quantity of 128 shoring posts were installed at 49 locations (see Photos #1 and #2).
 - b. The shoring posts consist of Multitprop MP480 aluminum post shores manufactured by Peri GmbH with a minimum 20-kip rated capacity at the installed height.
 - c. W8x10 steel beams were employed with post shores at locations where obstructions did not permit installing a post shore directly under the steel framing.
 - d. Clamps secured the post shore to the existing steel beam and wood blocking with padding was placed underneath the post shore base.
2. To the best of our knowledge, information, and belief, the temporary shoring was installed in general conformance with the above-referenced shoring plans and the facility is safe for occupancy.

Memorandum

While the temporary shoring is in place, Isett recommends daily visual observation of the temporary shoring by CSD staff for review of the general condition and alignment and monthly observations by a registered Professional Engineer.

Should you have any further questions concerning this memorandum, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "T Gerhart". The signature is fluid and cursive, with the first letter of the last name being a large, prominent "G".

Todd L. Gerhart, P.E., S.E.
PA Registration #PE038535E
Senior Forensic Engineer
Forensic Engineering Department

Attachments:
Photos
Shoring Location Plan

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Memorandum