

LEGATARCHITECTS

January 20, 2008

Dr. John Ahlemeyer
Gavin School District 37
25775 West Highway 134
Ingleside, IL 60041

Re: Gavin Central School
Truss Inspection

Dear Dr. Ahlemeyer,

On Friday, January 4, 2007 I walked the attic areas of Gavin Central School along with two of my assistants. I also accessed other truss areas through the previously installed access hatches around the interior perimeter of the building. The purpose of our walk through was to perform a visual inspection of the wood roof trusses. We also performed thorough truss inspections on a number of trusses in Modules A, B, and C. A listing of the trusses which were inspected is listed below: The trusses inspected were not the same trusses that were previously inspected on January 6, 2007.

- **Module C:**
Trusses 13,15,17,21,23,29,31,33,35,38

- **Module B:**
Trusses B5-15, B5-10. Visual inspection of all visible portions of trusses over Learning Resource Center.

- **Module A:**
Trusses 14, 15, 25, 26, 41, 42, 60, 61, 88, 89

- **Access Hatches:**
Approximately 50% of the hatches were opened to visually inspect the truss ends.

The truss numbers listed above are from the original truss report and are marked on the trusses in the field. The primary items we were looking for were any type of longitudinal or transverse fractures in the wood members of the trusses.

During the inspection, I identified three areas that I felt WJE, the engineers of previous remedial work, should review. Two areas were very minor (trusses 21 and B5-10) and would probably not require any corrective work. The third truss (truss 26) would require corrective work. I notified WJE to review all three of the truss conditions and to prepare a repair detail for truss 26. I notified Boller of the conditions and they sent the School District a letter on January 10th outlining the conditions and requesting access to the attic area to perform the corrective work.

On Saturday, January 19th the corrective work was performed by Boller Construction under the supervision of Jon Sfura of WJE. A bolted repair was installed on truss 26, based on WJE details. While at the site, Jon visually inspected trusses 21 and B5-10. He determined that no work would be required for truss 21. Truss B5-10 was determined to have a split in a bottom chord member. A plate repair was installed at the location of the split.

Dr. John Ahlemeyer
Gavin School District 37
Truss Inspection
January 20, 2008
Page 2 of 2

I also performed a thorough truss inspection of the trusses adjacent to trusses 26, B5-10, and 21. A split was found on truss 24 in Module C and was repaired with a plate repair. A series of seasoning checks were found on one member on truss 27A in Module A. A plate repair was recommended by WJE, but no work was performed since Boller Construction personnel had prior commitments and had to leave. I will schedule a time with Boller Construction and you to come out to perform the work at a later date. The seasoning checks on truss 27A are not currently a structural concern. The corrective work and the inspections started at 8:00 a.m. and were completed by 2:30 p.m. Please find attached the original photographs of the trusses of concern and the repaired trusses.

In the future inspections, I would suggest that a protocol be developed as we previously discussed. Next year, we will determine the date of the proposed inspection three months in advance of the inspection date. On the date of the inspection, I will insure that an engineer at WJE is available later in the day to come out to the school as needed if something questionable is found. The final report, based on the findings will then be developed and submitted to the school district.

Sincerely,

A handwritten signature in black ink that reads "Ted Haug". The signature is written in a cursive style with a long, sweeping underline.

Ted Haug
TH:kf