

January 6, 2007

Dr. Daryl Dick
Gavin School District 37
25775 West Highway 134
Ingleside, IL 60041

Re: Gavin Central School
Truss Inspection

Dear Daryl,

On Friday, January 5, 2007 I walked the attic areas of Gavin Central School along with two assistants. And we also accessed other areas of trusses 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 performed thorough truss inspections on a number of trusses in Modules A, B, and C. A listing of the trusses that were inspected are listed below: The trusses inspected were not the same trusses that were previously inspected on June 6, 2006.

- **Module C:**
Trusses 43, 45, 63, 65, 71, 73, 83, 85, 91, 93

- **Module B:**
Trusses B5-17, B5-18. Visual inspection of all visible portions of trusses over Learning Resource Center.

- **Module A:**
Trusses 13, 17, 23, 31, 45, 57, 69, 77, 83, 95

- **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.

Ralph Schmidt, The Regional Superintendent of Schools' structural consultant was present for the majority of the inspection time and also observed a number of the trusses.

During the inspection, truss number 77 in Module A was found to have a longitudinal seasoning check in its bottom chord near one of the panel points (see attached photos). Ralph was on site at the time and observed the check and indicated that the check was not the result of the loading on the truss but was the result of either a lateral load applied to the truss bottom chord at some time during its life or natural seasoning of the wood. This check is not structural in nature and poses no safety risk for the building inhabitants. He did indicate, none-the-less, that it should be reviewed by WJE. I met with Rich Kristie from WJE and Joe Rygiel from Boller Construction on Wednesday, January 17th to review the truss. Rich also felt that the check was not a structural concern but was the result of the natural seasoning of the wood. Rich recommended that four connection plates be stamped on to the truss at the check locations none the less. This work was completed by Boller Construction.

Sincerely,

Ted Haug
TH:kf