

LEWIS &



VAN VLEET  
Incorporated

principals

chris c. van vleet, p.e.

gary j. lewis, p.e.

September 19, 2001

Lang Bates  
Architects Barrentine Bates Lee, AIA  
200 North State Street  
Lake Oswego, Oregon 97034

**RE: Concord Elementary School Seismic Upgrade**

Dear Lang:

Now that the seismic improvements have been completed at Concord Elementary and the school is occupied, we believe it is prudent to ensure that the school's emergency procedures are consistent with the areas of the building which have been reinforced. As you know, this was not a full seismic upgrade of the building, but was a partial upgrade involving the gymnasium exterior wall and exiting areas around the perimeter of the building. The school administration should be aware and should inform the students of areas of the building which have improved seismic resistance, and of areas which should be off-limits during a seismic event.

The school's emergency exiting plan should involve leaving the building through a predetermined path through the reinforced exit areas. That includes every exit door from the building. In all cases except for the east wall of the east wing addition, persons exiting the building should move directly away from the building and stay outside of the off-limits area which extends as far away from the building as the brick walls are tall (approximately). At the east end of the east wing, site grading prevents moving directly away from the building, but walls both to the north and south of the exit door have been reinforced to allow persons exiting the building to turn either right or left after proceeding through the exit doors. Again, those persons should continue either due north or due south after exiting the building and turning north or south. They should continue to a distance away from the building which is outside the off-limits area. Persons exiting the doors in the east side of the gymnasium should turn to the south and proceed out toward Concord Street. Additionally, students, staff and school visitors should be informed that during an earthquake, persons outside of the building should immediately move outside of the off-limits area.

---

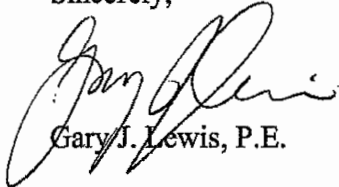
consulting engineers  
18660 s.w. boones ferry road  
tualatin, oregon 97062  
(503) 885.8605 phone  
(503) 885.1206 fax

-Page 2-

**RE: Concord Elementary School Seismic Upgrade**

We have attached a sketch which graphically denotes the recommended exit paths which we have described in this letter. We would appreciate it if you would review this information and pass it along to the school district with your comments. Please do not hesitate to call if you have any questions.

Sincerely,

A handwritten signature in cursive script, appearing to read "Gary J. Lewis".

Gary J. Lewis, P.E.

Enclosure

GJL:kmc

# CONCORD ELEMENTARY SEISMIC EXITING

