

March 4, 1975

**Subject: Inspection of Fire Damage at Franklin Simon Store
Northland Shopping Center**

Date of Inspection: March 3, 1975

Actions taken:

- Conferred with Mr. Oscar Thweatt, supervisor of ground and building maintenance at Northland
- Inspected main fire affected areas around column line 127 - 57
- Evaluated damage to inspected areas
- Photographed major damaged areas

On March 3, 1975 I inspected the basement of the Franklin Simon store at Northland Shopping Center between column line 126 - 56, 129 - 56, 126 - 58 and 129 - 58. This area had been subjected to fire late last week. The purpose of the trip was to inspect and evaluate the structural integrity of the supported floor deck and columns that have been subjected to the highest intensity fire areas. It appears that the fire started somewhere in the vicinity of column line 127 - 57. Therefore, major attention centered on this particular section of the structure. I also inspected columns 127 - 57 and 128 - 57 to determine if any visible damage had occurred to the structure.

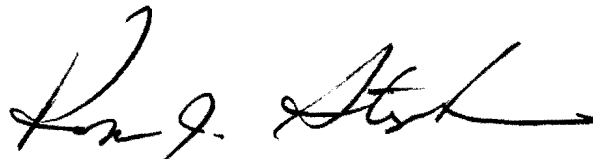
Overall, it appears that no major structural damage has been done, and that the structural integrity of the frame is maintained. There was some miscellaneous loose concrete found on edges of one or two of the joists and a short section of loose concrete was found on the side of the beam spanning from column 127 - 56 to 127 - 57. However, in each case the loose concrete when chipped away revealed sound concrete underneath. I recommended to Mr. Thweatt that as the area is renovated and refinished that the process include scraping and removal of miscellaneous loose concrete where such concrete was found outside the reinforcing steel. If any miscellaneous chipping reveals outside edges of

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re-steel, they should be patched with a bonding grout to again provide the reinforcing steel with fire protective covering. If, in the renovation process, any major chipping is encountered which causes removal of concrete from any part of the reinforcing steel except the outer face, I suggest that we re-inspect the member to determine if the structural capacity has been affected. In my brief inspection it did not appear that there were any of these areas in the section inspected.

I took eight Polaroid photos of the major affected area and these will be kept in the project file for reference.



Ralph J. Stephenson, P.E.

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To: Mr. Oscar Thweatt
Supervisor of Ground & Building Maintenance
Northland Center
Division of Shopping Centers, Inc.
Southfield, Michigan 48075



