


126 9th street east timeline

- Exterior fire escape was called on the original Fire C of O orders dated October 13, 2016.
- Received boiler report on 12/14/17 inspection dated 12/13/16 indicating that boiler was not within burning guidelines. Report was submitted to senior mechanical inspector and was denied. Also received engineers report indicating that there were repairs needed to the exterior fire escape.
- In plan submitted by Brian Voyda dated 1/18/17 indicated an approximate start date for repairs of the fire escape to start April 15, 2017 and approximate completion date of May 15, 2017.
- Received email (February 7, 2017) from Brian Voyda stating that the boiler would be replaced no later than June 1, 2017.
- February 7, 2017 approved Fire C of O with corrections with completion timelines being provided by Brian Voyda for the completion of the exterior fire escape and boiler replacement.
- Received email from Brian Voyda dated May 21, 2017 requesting a date change to June 15, 2017. Request was granted.
- Received email form Brian Voyda dated June 14, 2017 requesting a 3 month extension. In the email he also noted that the old boiler had been removed, and that the parts for the exterior fire escape are on site.
- June 19, 2017 conducted site visit with LS. Reviewed file and request with LS and have decided to deny the request and revoke the C of O for long term non-compliance. Mailed letter and emailed a copy to Brian Voyda.

 CITY OF SAINT PAUL Department of Safety & Inspections Fire Safety Inspection Division	HEATING SYSTEM TEST REPORT (Use a separate form for each appliance)
	375 Jackson Street Suite 220 Saint Paul, MN 55101-1806 (P) 651-266-8989 (F) 651-266-8951

ADDRESS: 126 E. 9th ST
 OWNER: AL KRAMER DATE: 12-13-16

Type of Heat:
 Gravitly Air Forced Air Gravitly Hot Water Forced Hot Water
 Steam Unit Heater Space Heater Other:

Type of Fuel: Gas Oil Other:

Gas Design	Conversion
Make of Burner:	Make: <u>GARDON-PLATT</u>
Model:	Model: <u>R8-G-05</u>
Serial:	Max BTU Rating: <u>1200000</u>
Input:	Make of Furnace: <u>US RADIATOR</u>
Equipment Venting Type: <input type="checkbox"/> Atmospheric	<input checked="" type="checkbox"/> Induced Fan <input type="checkbox"/> Other:

Total BTU input of all vented gas appliances per chimney: 840000
 Type of Chimney: Masonry Class B Other:
 Type of Liner: None Metal Clay Tile
 Vent Connector Material: Type-C Type-B
 Combustion Air Supply Required? Yes No installed? Yes No

Safety & Operating Control Tests:	Yes	No	Fuel Analysis/Flue Gas Analysis:	Yes	No
Pilot/Flame Safeguard Operating Properly	X		Vents properly without spillage	X	
Limit(s) Operating Properly	X		Flame stays inside/Doesn't roll out	X	
Operator(s) Operating Properly	X		Burner lights smoothly	X	
Low Water Cut-off Operating Properly	XX				
All Controls Operating Properly	NOTE				

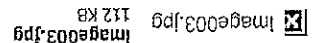
Combustion Analysis			Visual Inspection	
Stack Temperature	<u>316</u>	°F/Net	Fuel Piping System - Okay?	<input checked="" type="checkbox"/>
Oxygen	<u>16.3</u>	%	Vent Systems: Draft hood, Connector, Vent Chimney - Okay?	<input checked="" type="checkbox"/>
Carbon Dioxide	<u>2.6</u>	%	Heating Unit - Okay?	<input checked="" type="checkbox"/>
Carbon Monoxide	<u>45</u>	PPM		

Look At The Total Heating System Before You Leave: Yes No
 Does the system operate safely and properly?

COMMENTS: BURNER OPERATING AT 720000 BTU/Hr INPUT + 120000 BTU/Hr DHW INTO CHIMNEY. 12" ROUND COMBUSTION AIR. THIS IS BASICALLY A VAPOR SYSTEM, NO MEASURED GAUGE PRESSURE, VERIFIED OPEN LINES & PISTAIL TO CONTROL MANIFOLD

Name of Licensed Contractor	<u>BURNOMATIC</u>	Address	<u>2925 Garfield Ave</u>	Phone	<u>612-827-2825</u>
Person Doing the Test (Print):	<u>JOHN SCHWARTZ</u>				
Certificate of Competency from the City of Saint Paul for Appropriate Fuel:					<u>20030000293</u>

THIS TEST IS VALID FOR ONE (1) YEAR





Building a Better World
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December 12, 2016

RE: Allen Kremer
Fire Escape Evaluation
SEH No. KREMA 139981 14.00

Mr. Allen Kremer
Building Owner
128 East 9th Street
Saint Paul, MN 55101

Dear Mr. Kremer:

On December 7, 2016, I inspected a 3-story fire escape stair at your building at 484 Robert Street North (9th and Robert) in Saint Paul. This was a general condition observation; I took some measurements but did not take comprehensive measurements of the overall structure. You told me the building was built in 1922, and I am assuming the fire escape dates to that same time period. The building is not registered as historic. References herein to Code relate to IBC section 3406.

The portion of the fire escape from the second floor down to the sidewalk is a counterweighted pivoting span to prevent people from using it as access from the street. This span functions smoothly in pivoting. From the third story landing there is a ladder up to the roof. I did not inspect this ladder in any detail, but it showed no apparent distress. The stair runs are 24 inches wide. Current Code requires 22 inches. The second floor landing is approximately 11 inches below the door threshold, which exceeds the Code maximum of 8 inches.

The fire escape is of steel construction. It appears to have been built into the brick wall of the building. Thus, it is impossible to inspect the attachment of the fire escape to the building; but it appears to be adequate, as I saw no distress or movement at the attachment points. Most of the fire escape shows minor corrosion but no significant section loss. The only significant exception to this is some corrosion, pack rust, and waviness in bars at the second floor landing. This does not appear to affect the load carrying capacity of the landing.

With the exception of the counterweighted lower span (comprising a pair of channels), the stair stringers are a pair of flat bars. Based on an assumed steel yield stress of 30 ksi, all the stair stringers are adequate to carry the Code prescribed live load of 100 psf with some overstress. They show no distress.

The stair treads comprise four 3/4 inch square bars set diagonally (i.e. with a corner up rather than a flat face up), about 2 inches apart. They do not meet current Code for width (8 inches required). While IBC section 3406 does not explicitly contain a requirement for a 300 pound footfall load as is required for general stair design, such a load causes a stress in the bars of 40,700 psi, or about double a reasonable working stress. This is likely well in excess of the yield stress of the tread bars, and in fact many treads have a visible sag. The treads are attached to the stair stringers with bolts, which appear to be adequate. One tread has been replaced using four 3/4 inch diameter reinforcing bars. This tread's attachment to the

Mr. Allen Kremer
December 12, 2016
Page 2

4 KB
image002.jpg

stringers appears to be very light; and while made of better steel than the original, it too is considerably overstressed.

image003.jpg

The railing on the fire escape comprises three lines of round steel bar, and steel posts. While it does not meet current OSHA guardrail load requirements, it is sturdy and appears to be in good condition.

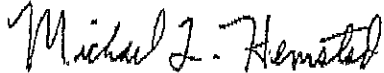
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image001.jpg

In summary, all portions of the fire escape appear to be adequate except for the stair treads, which are significantly overstressed. I recommend they be replaced or reinforced, and a closer inspection be made of the anchorage to the building if possible.

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.



Michael Hemstad, PE
Minnesota License Number 19165

dmtk
Attachment: photographs

madmin\koonz\mike hemstad\fire escape report.docx



INVOICE

LICENSE# 20633964

DATE: 1-18-16

Voydas Home Repair & Remodeling LLC

Business Phone: (612) 819-1157

Business Fax: (651) 674-7037

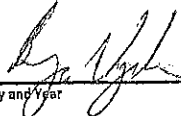
Invoice Submitted To:	
Name:	
Address:	
City, State:	
Zip Code:	
Phone No.:	

Work to be Performed at:	
Name:	ALLEN KREMER
Address:	126 9 th Street E.
City, State:	SAINT PAUL, MN
Zip Code:	55101
Phone No.:	

DESCRIPTION OF WORK PERFORMED	
Perform required repairs to exterior Fire escape	
as shown in engineer's drawings.	
Estimated Start date: April 15 th 2017	
Estimated Finish date: May 15 th 2017	

All material is guaranteed to be as specified, and the above work to be performed in accordance with the drawings and specifications submitted for above work, and completed in a substantial workmanlike manner for the sum of Dollars (\$ _____) with payments to be made as follows:

THIS IS A: PARTIAL:


Month, Day and Year

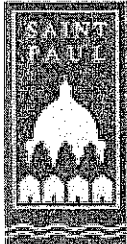
FULL INVOICE DUE AND PAYABLE BY:

Month, Day and Year

Niemeyer, George (CI-StPaul)

From: Niemeyer, George (CI-StPaul)
Sent: Tuesday, February 7, 2017 9:29 AM
To: 'voyda3@aol.com'
Subject: RE: boiler

I have forwarded this on to our senior mechanical inspector. Thank you for your prompt response.



George Niemeyer

Fire Inspector II

Department of Safety and Inspections

375 Jackson Street, Suite 220

Saint Paul, MN 55101

P: 1-651-266-8991

F: 651-266-8951

george.niemeyer@ci.stpaul.mn.us

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"DSI's Mission: To preserve and improve the quality of life in Saint Paul by protecting and promoting public health and safety for all."

From: voyda3@aol.com [mailto:voyda3@aol.com]
Sent: Tuesday, February 7, 2017 9:16 AM
To: Niemeyer, George (CI-StPaul) <george.niemeyer@ci.stpaul.mn.us>
Subject: boiler

We will be replacing the boiler at... 126 East 9th Street
And it will be done June 1st

Thanks Bryan Voyda
612.819.1157 cell



CITY OF SAINT PAUL
Christopher B. Coleman, Mayor

375 Jackson Street, Suite 220
Saint Paul, Minnesota 55101-1806

Telephone: 651-266-8989
Facsimile: 651-266-8951
Web: www.stpaul.gov/dsi

February 7, 2017

Bryan Voyda
35075 ELMCREST AVE
ST PAUL MN 55056USA

FIRE CERTIFICATE OF OCCUPANCY APPROVAL WITH CORRECTIONS

RE: 126 9TH ST E
Ref. # 10612

Dear Property Representative:

Your building was inspected on January 18, 2017 for the renewal of the Fire Certificate of Occupancy and was approved. When the required fee has been paid you will receive your certificate. There are however seasonal or non-life safety deficiencies noted below which must be corrected prior to re-inspection.

The following deficiencies must be corrected immediately. **A re-inspection will be made on May 15, 2017 at 1:00 pm.**

DEFICIENCY LIST

1. Commercial space - Vacant Space Category 2 - Per the Legislative Hearing Officers recommendation on October 4, 2016 the commercial space is to be transferred to the vacant building program as a category 2, and remain vacant until completing a code compliance.-
2. Exterior Fire Escape - Work Plan - Work plan - Send in a comprehensive and detailed work plan on all exterior repairs to include approximate start and finish dates for the repair of the exterior fire escape.
-2/7/17 per work plan submitted have work completed under permit no later than May 15, 2017.
3. ORSAT - Report - SPLC 34.11 (6), 34.35 (3) - Provide service of heating facility by a licensed contractor which must include a carbon monoxide test. Submit a completed copy of the Saint Paul Fire Marshal's Existing Fuel Burning Equipment Safety Test Report to this office.- The combustion analysis on the ORSAT report was out of specifications. Have the boiler repaired and submit a new report. **2/7/17 per email from Brian the boiler is going to be replaced no later than June 1, 2017.**

You have the right to appeal these orders to the Legislative Hearing Officer. Applications for appeals may be obtained at the Office of the City Clerk, 310 City Hall, City/County Courthouse, 15 W Kellogg Blvd, Saint Paul MN 55102 Phone: (651-266-8585) and must be filed within 10 days of the date of this order.

For an explanation or information on some of the violations contained in this report, please visit our web page at: <http://www.ci.stpaul.mn.us/index.aspx?NID=211>

If you have any questions, email me at: george.niemeyer@ci.stpaul.mn.us or call me at 651-266-8991 between 7:30 a.m. - 9:00 a.m.

Sincerely,

George Niemeyer
Fire Inspector

Ref. # 10612

Niemeyer, George (CI-StPaul)

From: voyda3@aol.com
Sent: Friday, May 12, 2017 9:47 AM
To: Niemeyer, George (CI-StPaul)
Subject: Robert St

George...

I would like to ask for an extension on the inspection for the fire escape and boiler replacement at Robert St..due to weather. I would like to extend it to June 15th.

Thanks Bryan Voyda

Niemeyer, George (CI-StPaul)

From: voyda3@aol.com
Sent: Wednesday, June 14, 2017 11:28 AM
To: Niemeyer, George (CI-StPaul)
Subject: East 9th St property

Hi George and Leanne....

Due to the weather conflict of schedules and the fire we had at 1174, we are short staffed and spread thin. We are progressing though, electrician has been at 126 E 9th St. The people also removed all the necessary environmental asbestos. The boiler company removed the boiler and I have all the fire escape parts completed and delivered at the building.

We will need at least 3 months to get the boiler and fire escape down and the rest will be a slow process.

Thanks for your patience. We will continue to improve the 126 East 9th St property.

Thanks Bryan Voyda

Niemeyer, George (CI-StPaul)

From: Niemeyer, George (CI-StPaul)
Sent: Monday, June 19, 2017 2:39 PM
To: voyda3@aol.com
Cc: Shaff, Leanna (CI-StPaul)
Subject: RE: East 9th St property
Attachments: 126 9th revocation notice.doc

Brian,

I have reviewed the request for extension with Leanna and we have decided to deny the request and have revoked the Certificate of Occupancy and order the building vacated. I have attached a copy of the letter. Leanna's direct line is 655-266-8980. Mine is on the bottom of this email.



George Niemeyer

Fire Inspector II

Department of Safety and Inspections

375 Jackson Street, Suite 220

Saint Paul, MN 55101

P: 1-651-266-8991

F: 651-266-8951

george.niemeyer@ci.stpaul.mn.us

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