

A. 8348 Aspenbrook
B. 8352 Aspenbrook

the plaster development co., inc.

November 29, 1989

Joe Hurst, Senior Building Inspector
Plumbing/Mechanical Division
City of Las Vegas
400 East Stewart Avenue
Las Vegas, Nevada 89101

RE: FIREPLACE INSTALLATION AT CHARLESTON HEIGHTS

Dear Mr. Hurst:

Enclosed you will find a letter from Mr. Howard Irby, mechanical engineer of H. H. Irby & Associates, as well as the fireplace manufacturer and "B" vent manufacturer, regarding referenced subject.

As you will note, he finds the installation of the fireplaces to be satisfactory. The addresses involved are as follows:

4001 Elkridge Dr	7113 Floweridge Ln	4028 Hazelridge Dr
4013 Elkridge Dr	7109 Floweridge Ln	4072 Hazelridge Dr
4017 Elkridge Dr	7105 Floweridge Ln	4100 Hazelridge Dr
4025 Elkridge Dr	7101 Floweridge Ln	4116 Hazelridge Dr
4033 Elkridge Dr	4028 Hazelridge Dr	4120 Hazelridge Dr
4041 Elkridge Dr	4040 Hazelridge Dr	4132 Hazelridge Dr
4045 Elkridge Dr	4044 Hazelridge Dr	4140 Hazelridge Dr
4053 Elkridge Dr	4056 Hazelridge Dr	4144 Hazelridge Dr
4061 Elkridge Dr	4060 Hazelridge Dr	4145 Hazelridge Dr
4060 Elkridge Dr	4049 Hazelridge Dr	4137 Hazelridge Dr
4056 Elkridge Dr	4037 Hazelridge Dr	4129 Hazelridge Dr
4048 Elkridge Dr	4033 Hazelridge Dr	4121 Hazelridge Dr
4036 Elkridge Dr	4068 Hazelridge Dr	4113 Hazelridge Dr
	4109 Hazelridge Dr	4061 Hazelridge Dr

Thank you for your immediate attention to approval on the inspections on these houses. If you have any questions, please advise.

Sincerely,

CW Brubaker
CW Brubaker
Construction Manager

CWB/lh
Enclosures

02/385-5031
quincy park - suite 4
1011 st. rancho dr.
las vegas, nevada 89106

Debbie Ingraham 12-12-89

the plaster development co., inc

November 29, 1989

Joe Hurst, Senior Building Inspector
Plumbing/Mechanical Division
City of Las Vegas
400 East Stewart Avenue
Las Vegas, Nevada 89101

RE: FIREPLACE INSTALLATION AT COVE LANDING

Dear Mr. Hurst:

Enclosed you will find a letter from Mr. Howard Irby, mechanical engineer of H. H. Irby & Associates, as well as the fireplace manufacturer and "B" vent manufacturer, regarding referenced subject.

As you will note, he finds the installation of the fireplaces to be satisfactory. The addresses involved are as follows:

312 Dockside Court	324 Dockside Court
328 Dockside Court	336 Dockside Court
340 Dockside Court	348 Dockside Court
356 Dockside Court	349 Dockside Court
8312 Cove Landing Avenue	8345 Cove Landing Avenue
8316 Cove Landing Avenue	8352 Aspenbrook Avenue
8328 Cove Landing Avenue	8340 Aspenbrook Avenue
8336 Cove Landing Avenue	8332 Aspenbrook Avenue
8340 Cove Landing Avenue	8328 Aspenbrook Avenue
8326 Cove Landing Avenue	8324 Aspenbrook Avenue
8317 Cove Landing Avenue	8316 Aspenbrook Avenue
8353 Cove Landing Avenue	8308 Aspenbrook Avenue

Thank you for your immediate attention to approval on the inspections on these houses. If you have any questions, please advise.

Sincerely,

CW Brubaker
CW Brubaker
Construction Manager

CWB/lh
Enclosures

OK
JH
11/30/89

702/385-5031
4400 Park Lane Suite 4
Las Vegas, Nevada 89106

Debbie Ingham 12-12-89

H. H. Irby & Associates
Consulting Engineers

3160 S. Valley View Blvd., Suite 108
Las Vegas, Nevada 89102
(702) 362-7780

Joe Hurst, Senior Inspector
Dept. of Building And Safety
City of Las Vegas
400 East Stewart
Las Vegas, NV 89101

Subject: Venting of Decorative Gas Fire Places for Quail Tree
Development, Charleston Heights #63.

Reference 1: Letter, J. D. Coscione to B. Ickes, same subject, Dated
November 27, 1989.

Reference 2: Letter, W. E. Breecher to B. Ickes, Same subject, Dated
November 28, 1989.

Dear Mr. Hurst,

Signature Homes, The developer of Quail Tree, has requested that we review the information provided in references 1 and 2 provided by the manufacturers of the fireplace and vent materials, respectively, and review the Code requirements and actual field installation practices to determine, to the best of our knowledge, the adequacy of the present installations and compliance with the intent of the Uniform Mechanical Code, 1988, Chapter 9.

UMC Sec. 905.(a) states that, "The total horizontal run of a vent plus the horizontal vent connector shall not exceed 75 percent of the vertical height of the vent." The present installations at the subject development meet this requirement.

UMC Appendix C, Chapter 9, Table C-9-B, rates the capacity of a 5" Type B vent and connector with 20 feet of rise and a 10 foot horizontal offset at 150,000 BTU/hr input. This is greater than the 105,000 BTU/hr rating of the appliance.

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References 1 and 2 state that the actual installations at Quail Tree meet the requirements of the manufacturer's standard practice.

It is our opinion that the subject installations do meet the intent of the Code and the installation requirements of the manufacturer's listing.

We have included copies of References 1 and 2, sketches of the actual installations, and a cut sheet on the appliance itself, for your perusal.

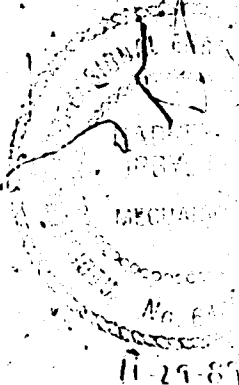
If you have any questions or require any additional data, please do not hesitate to call on us.

Very truly yours,

Harvey H. Irby, P.E.
Principal Engineer

HHI/ms

Enclosures



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