

Development Services

From Concept to Construction

Phone: 503-823-7300 Email: bds@portlandoregon.gov 1900 SW 4th Ave, Portland, OR 97201

More Contact Info (<http://www.portlandoregon.gov/bds/article/519984>)



APPEAL SUMMARY

Status: Decision Rendered - Reconsideration of ID 15820

Appeal ID: 15938

Project Address: 2516 SE Division St

Hearing Date: 10/11/17

Appellant Name: William Bailey, AIA

Case No.: M-002

Appellant Phone: 5032287571

Appeal Type: Mechanical

Plans Examiner/Inspector: Thomas Ng

Project Type: commercial

Stories: 3 **Occupancy:** B, A-2, R-2 **Construction Type:** III-A

Building/Business Name: The Geode

Fire Sprinklers: Yes - 100

Appeal Involves: Addition to an existing structure, Reconsideration of appeal, occ Change from B to B, A-2, R-2

LUR or Permit Application No.: 16-208496-REV-01-MT

Plan Submitted Option: pdf [File 1]

Proposed use: Office, Restaurant, Residential

APPEAL INFORMATION SHEET

Appeal item 1

Code Section 506.3.6 - Grease duct clearances

Requires "Where enclosures are not required, grease duct systems and exhaust equipment serving a Type I hood shall have a clearance to combustible construction of not less than 18-inches (457 mm) and shall have a clearance to noncombustible construction and gypsum wallboard attached to noncombustible structures of not less than 3 inches (76 mm)."

Proposed Design ORIGINAL APPEAL TEXT

The exhaust duct serving the future type I hood is to be located 3 inches clear from gypsum board served by a shaft-wall on all sides in an approved 2-hour assembly. The addition of quick response fire sprinkler heads, tied to the building's fire alarm system, will be placed at the each floor and roof. 2-hour UL access panels will be placed in conjunction with each head for maintenance access.

RECONSIDERATION TEXT

The shaft rating requirement for the building is 1-hour. The exhaust duct serving the future type I hood is to be located 3-inches clear from gypsum board served by a shaft-wall on all sides in an approved 1-hour assembly. The addition of a UL approved 1-hour intumescent fire wrap within the 3-inch clear space. This assembly will be enclosed by a 1-hour UL assembly shaft wall in wood-frame combustible construction.

Reason for alternative ORIGINAL APPEAL TEXT

The exhaust hood was added under the mechanical permit under the current construction stage. Existing clearance is 3-inches as required as if it were non-combustible construction. Sprinkler

heads, within the shaft, located adjacent to the exhaust duct will allow quick response and flow alarm notification in the event of a fire. 2-hour shaft construction is provided on all sides of the shaft.

RECONSIDERATION TEXT

The exhaust hood was added under the mechanical permit under the current construction stage. Existing clearance is 3-inches as required as if it were non-combustible construction. The addition of a UL approved intumescent fire wrap on the duct, enclosed within a UL 1-hour shaft wall assembly will provide equivalent protection.

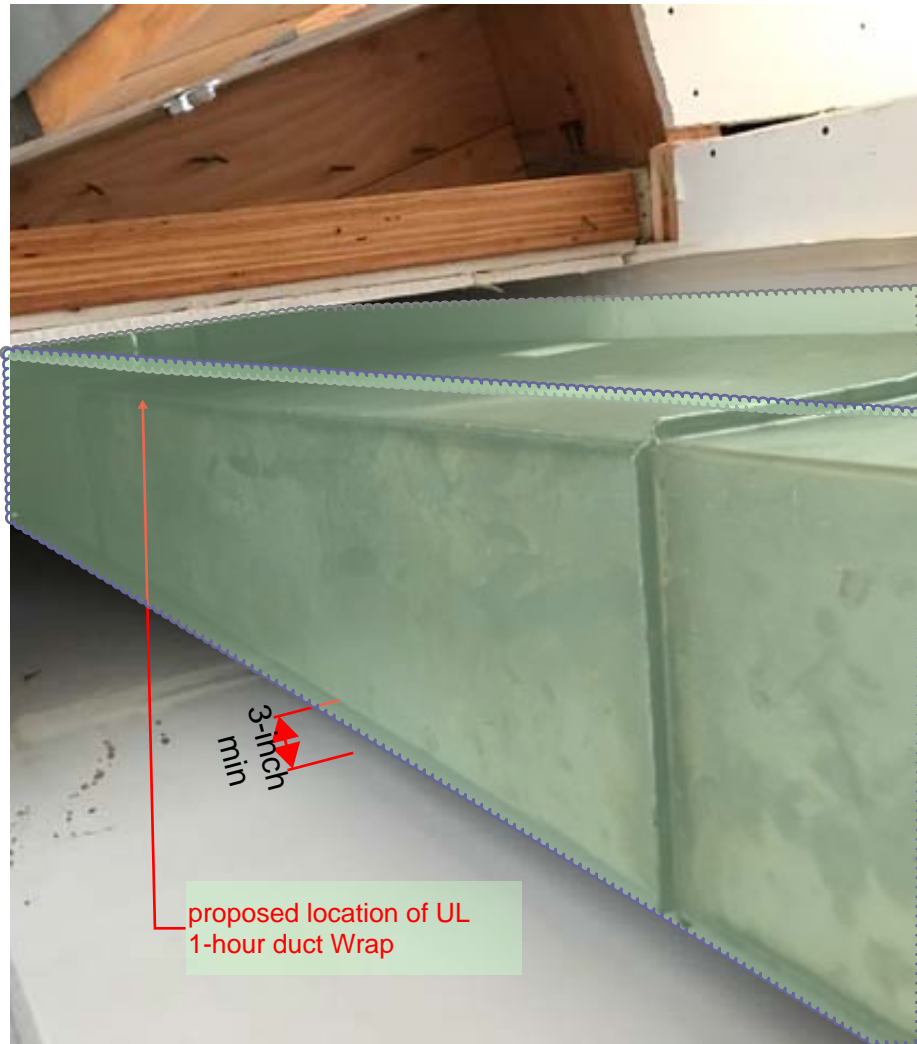
APPEAL DECISION

Grease duct clearance to combustible shaft: Granted provided sprinkler installation meets NFPA 13 requirements.

Appellant may contact John Butler (503-823-7339) with questions.

The Administrative Appeal Board finds with the conditions noted, that the information submitted by the appellant demonstrates that the approved modifications or alternate methods are consistent with the intent of the code; do not lessen health, safety, accessibility, life, fire safety or structural requirements; and that special conditions unique to this project make strict application of those code sections impractical.

Pursuant to City Code Chapter 24.10, you may appeal this decision to the Building Code Board of Appeal within 180 calendar days of the date this decision is published. For information on the appeals process and costs, including forms, appeal fee, payment methods and fee waivers, go to www.portlandoregon.gov/bds/appealsinfo, call (503) 823-7300 or come in to the Development Services Center.



Vent Hood Duct - looking up



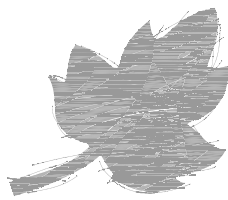
Vent Hood Duct - looking down

the geode

Hood Clearance Appeal
September 8, 2017

waterleaf

419 SW 11th Ave
Suite 200
Portland OR 97205
Ph 503 228 7571
Fx 503 273 8891



architecture, interiors & planning