

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

## CITY OF PORTLAND

Please Read  
Application And  
Notes, If Any,  
Attached

BU **PERMIT** N

Permit Number: 090193

This is to certify that THE ONETEN COMPANY LLC / Siedman / Jack  
has permission to Install Kitchen exhaust system/ Make-up air / Automatic Fire suppression system  
AT 110 EXCHANGE ST CE 032 H001001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lath or other work is set-in. 24 HOURS NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

### OTHER REQUIRED APPROVALS

Fire Dept. CAPT. K. Gauthier

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_  
Department Name

*James Rank* 4/29/09  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**City of Portland, Maine - Building or Use Permit Application**  
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

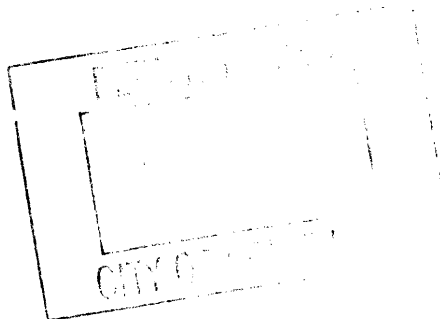
Permit No: 09-0193	Issue Date:	CBL: 032 H001001
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Location of Construction: 110 EXCHANGE ST	Owner Name: THE ONETEN COMPANY LLC	Owner Address: 19 HANSON ST	Phone:
Business Name:	Contractor Name: Siedman Fros. Inc / Jack	Contractor Address: 25 Sixth Street Chelsea	Phone 6178848110
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	Zone: B-3

Past Use: Commercial - Restaurant - "The Corner Room"  <i>use under 09-0025</i>	Proposed Use: Commercial - Restaurant - "The Corner Room" Install Kitchen exhaust system/ Make-up air & Automatic Fire suppression system	Permit Fee: \$180.00	Cost of Work: \$15,285.00	CEO District: 1
Proposed Project Description: Install Kitchen exhaust system/ Make-up air & Automatic Fire suppression system		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied  * See Conditions	INSPECTION: Use Group: A-2 Type: <i>F-1 P-1 Hood</i>  IMC-2003 Signature: <i>JMB 4/29/09</i>	
		Signature: <i>KG</i>	Signature: <i>JMB 4/29/09</i>	
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied				
Signature: _____ Date: _____				

Permit Taken By: Ldobson	Date Applied For: 03/12/2009	<b>Zoning Approval</b>
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.  2. Building permits do not include plumbing, septic or electrical work.  3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>3/12/09</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <i>w/mon</i> <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: <i>3/20/09</i> <i>D. Andrew B</i>
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**CERTIFICATION**

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY )

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

**By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.**

**A Pre-construction Meeting will take place upon receipt of your building permit.**

Framing/drywall inspection prior to complete closing in of the ductwork

Final inspection required at completion of work.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

**If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.**

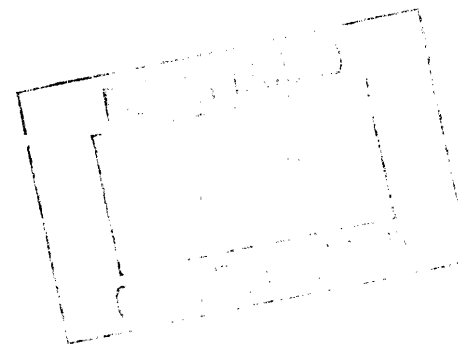
**CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.**

\_\_\_\_\_  
Signature of Applicant/Designee

\_\_\_\_\_  
Signature of Inspections Official

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date



**City of Portland, Maine - Building or Use Permit**

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 09-0193	Date Applied For: 03/12/2009	CBL: 032 H001001
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<b>Location of Construction:</b> 110 EXCHANGE ST	<b>Owner Name:</b> THE ONETEN COMPANY LLC	<b>Owner Address:</b> 19 HANSON ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Siedman Fros. Inc / Jack	<b>Contractor Address:</b> 25 Sixth Street Chelsea	<b>Phone:</b> (617) 884-8110
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Hood Systems, Commerical	

<b>Proposed Use:</b> Commercial - Restaurant - "The Corner Room" Install Kitchen exhaust system/ Make-up air & Automatic Fire suppression system	<b>Proposed Project Description:</b> Install Kitchen exhaust system/ Make-up air & Automatic Fire suppression system
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**Dept:** Historic      **Status:** Approved      **Reviewer:** Deborah Andrews      **Approval Date:** 03/20/2009  
**Note:**      **Ok to Issue:**

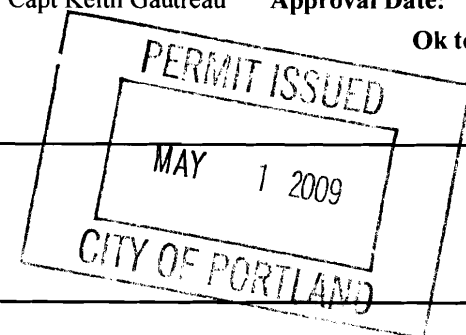
**Dept:** Zoning      **Status:** Approved      **Reviewer:** Marge Schmuckal      **Approval Date:** 03/12/2009  
**Note:**      **Ok to Issue:**

**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Jeanine Bourke      **Approval Date:** 04/29/2009  
**Note:**      **Ok to Issue:**

- 1) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
- 2) Shaft construction and continuity is required per IBC Sec. 706 for fire barriers
- 3) The bottom of the shaft shall continue the 2hr rating and penetration of the grease duct into the shaft shall be firestopped per Sec. 712 of the IBC 2003
- 4) Equipment must be installed in compliance with the manufacturer's specifications
- 5) The Hood shall be installed per IMC 2003 and NFPA 96  
This permit is approved based on the plans submitted and updated for reductions in the clearances based on the application of a UL approved fire wrap or equivalent assembly per code.

**Dept:** Fire      **Status:** Approved with Conditions      **Reviewer:** Capt Keith Gautreau      **Approval Date:** 03/24/2009  
**Note:**      **Ok to Issue:**

- 1) Install shall comply with NFPA 96.  
A compliance letter is required

**Comments:**

3/12/2009-mes: Permit 09-0025 created the restaurant use.

3/20/2009-gg: received historic permit as of 3/20/09. Gg

3/30/2009-jmb: Left vcmg for Harding S. For details on plans that have Mass. Eng. Stamp, UL listing on shaft and rating, firestops at floors, cleanouts and listed access doors at floors, labeling of door, clearance of duct in shaft as IMC requires 6" even to non combustibles, roof plan showing exhaust and intake distances.

<b>Location of Construction:</b> 110 EXCHANGE ST	<b>Owner Name:</b> THE ONETEN COMPANY LLC	<b>Owner Address:</b> 19 HANSON ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Siedman Fros. Inc / Jack	<b>Contractor Address:</b> 25 Sixth Street Chelsea	<b>Phone</b> (617) 884-8110
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Hood Systems, Commerical	

3/31/2009-jmb: Harding returned call left msg., I returned and discussed details, he will speak with the designer and submit the required details. Intake is as shown on plan out the side wall, need to know if there are any other exhaust outlets w/i 10'. The exhaust at the roof will be 10' from prop line and openings.

4/6/2009-jmb: Jack Seidman left a vcmg for permit questions. I spoke with him about the shaft design as it pertains to building construction, not just clearance to combustibles. He will submit a UL design, with firestops and include cleanout access.. He also confirmed that the air intake is 10' from any exhaust. He will have the engineer stamp the new shaft design with a ME license.

4/8/2009-jmb: Noticed the air intake mounted on the exterior rear wall, this may be hanging over the property line and also checked with Deb A. If she approved this for historic. Deb asked me to check this out, I spoke with Harding S. And he said there will be no exterior projection of the intake unit. This will be mounted on the inside in the hall suspended from the 12' ceiling and there will be an opening in the brick wall for a louvered vent. Deb is ok with this.

4/15/2009-jmb: Both Harding S. And Jack S. Called about the shaft construction. Jack cannot find a listing for the proposed design. I explained that a listing is needed for the shaft construction and firestops. The clearance of the duct to combustibles is a separate issue. Suggested that an architect review the building shaft construction for code compliance and submit a listed design.

4/22/2009-jmb: Received email from Jack S. With revisions, I was on vacation.

4/27/2009-jmb: Returned email to Jack S. With response, see copy with application.

4/28/2009-jmb: Harding S. And John the contractor came in to discuss the shaft design and requirements, they will submit the details for review

4/29/2009-jmb: Harding S. Submitted the UL design and plans for construction, need to talk with contractor

5/1/2009-jmb: Spoke with John Sampson to address the area of the combustible concealed space. He will add 2 layers 5/8" type x around the RO and put the metal wall track flush to this to add inside 2 layers of the shaft.



**Jeanie Bourke - Re: The Corner Room**

**From:** Jeanie Bourke  
**To:** Jack Seidman  
**Date:** 4/27/2009 3:37 PM  
**Subject:** Re: The Corner Room  
**CC:** thegrillroom@gmail.com

Jack,

I was on vacation last week, this is my response to the new design submittal:

1. It was my understanding that this would be stamped with a State of Maine license.
2. The shaft may be designed per U411, but the drawing does not reflect this. A contractor could not build it per the UL listing as this is not specified on the stamped plan. The plan should reflect how the shaft is to be constructed to meet the UL listing
3. Fire stopping of the shaft at each level is not specified on the plan.
4. Framing details of the floor joist and header supports are needed as required.
5. ~~Note: since the building is less than 4 stories, the shaft could be built with a one hour fire rating.~~

correction it is 4 stories  
2hr shaft

Thank you

Jeanie Bourke  
Code Enforcement Officer/Plan Reviewer

City of Portland  
Planning & Urban Development Dept./ Inspections Division  
389 Congress St. Rm 315  
Portland, ME 04101  
[jmb@portlandmaine.gov](mailto:jmb@portlandmaine.gov)  
(207)874-8715

>>> "Jack Seidman" <[jack@seidmanbros.com](mailto:jack@seidmanbros.com)> 04/22 8:41 AM >>>

Good morning Ms. Bourke,

Here is the updated exhaust system plan showing the U400 listing for the partition wall and the added cleanouts you requested. Please let me know if you need any other info.

Thank you,

Jack Seidman  
Seidman Bros.  
25 Sixth Street  
Chelsea MA. 02150



# General Building Permit Application

If you or the property owner uses real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: 110 Exchange St. Portland ME		
Total Square Footage of Proposed Structure		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot# 32            11            1	Owner: One Ten Co LLC 110 Exchange St. Portland ME	Telephone: 207-415-8865
Lessee/Buyer's Name (If Applicable) The Corner Room 110 Exchange St. Portland ME.	Applicant name, address & telephone: Jack SEIDMAN SEIDMAN BROS 25 Sixth St Chelsea MA 02150 617-884-8110	Cost Of Work: \$15,285.00 Fee: \$180.00 C of O Fee: \$
Current legal use (i.e. single family) <u>Restaurant</u> If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>Install a Commercial Kitchen Exhaust System w/ Make-up air and Automatic Fire Suppression System.</u>		
Contractor's name, address & telephone:		
Who should we contact when the permit is ready: <u>Jack SEIDMAN</u>		<u>VIA POSTAL MAIL</u>
Mailing address: <u>25 Sixth St. Chelsea MA. 02150</u>		Phone: <u>617-884-8110</u> 2009

Please submit all of the information outlined in the Instructions Application Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature of applicant: <u>Jack Seidman</u>	Date: <u>3/9/09</u>
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This is not a permit; you may not commence ANY work until the permit is issued.



Strengthening a Remarkable City. Building a Community for Life • [www.portlandmaine.org](http://www.portlandmaine.org)

Lee Urban - Director of Planning and Development  
Jeanie Bourke - Inspection Division Services Director

### Kitchen Exhaust System Checklist and code Provisions

Dear Applicant,

The following is a checklist to assist you in filing for a permit for a Kitchen Exhaust system. The applicable Mechanical Code provisions have also been attached. Please complete this and submit job specific construction documents that demonstrate compliance with the attached information.

#### Type of System:

Type I  Type II

Type I systems are systems that vent fryers, grills, broilers, ovens or woks.

Type II systems are systems that vent steamers and other non grease producing appliances.

#### Type of Materials:

Is the hood Stainless steel or other type of steel? S/S If Other, what Type? \_\_\_\_\_

Is the duct work Stainless steel or other type of steel? 16 GA GALV If Other, what type? \_\_\_\_\_

Thickness of the steel for the hood 18ga S/S

Thickness of the duct for the hood 16ga GALV

Type of Hood and Duct Supports

1/2" Angle Iron and Threaded 3/8" Rod

Type of seams and Joints Welded



Grease Gutters provided? \_\_\_\_\_

Hood Clearance reduction to Combustibles design /specs:

3" Semi Combustibles 0 - Non Combustibles 18" to Combustibles

Duct Clearance reduction to Combustibles design /specs:

Same - Reduced w/ 0 Clearance Duct Wrap Where Necessary

Vibration Isolation System: -

Rubber Mounts of Motor Bracket in Mushroom Fan

Air Velocity within the duct system 1800 TO 2200 - FPM

Grease accumulation prevention system:

Removable Trap on Side of Fan Curb

Cleanouts AS NOTED ON Plan

Grease Duct enclosure Fireproof Shaft Through Building to Roof

Exhaust Termination Roof  Wall \_\_\_\_\_

Fire Suppression System UL 300

Exhaust fan mounting and clearance from the roof / wall or Combustibles:

40" Above Roof to WindSCREEN

Exhaust fan distance from property lines 10'

Exhaust fan distance from other vents or openings 10'

Exhaust fan distance from adjacent buildings 10'

Exhaust fan height above adjoining grade 4 Stories

### Hood Specs

Style of Hood Rear Discharge

Type of Filter Baffle Grease Filters

Height of filter above nearest cooking surface 42"

Capacity of hood CFM 5600

Make up Air system description and capacity

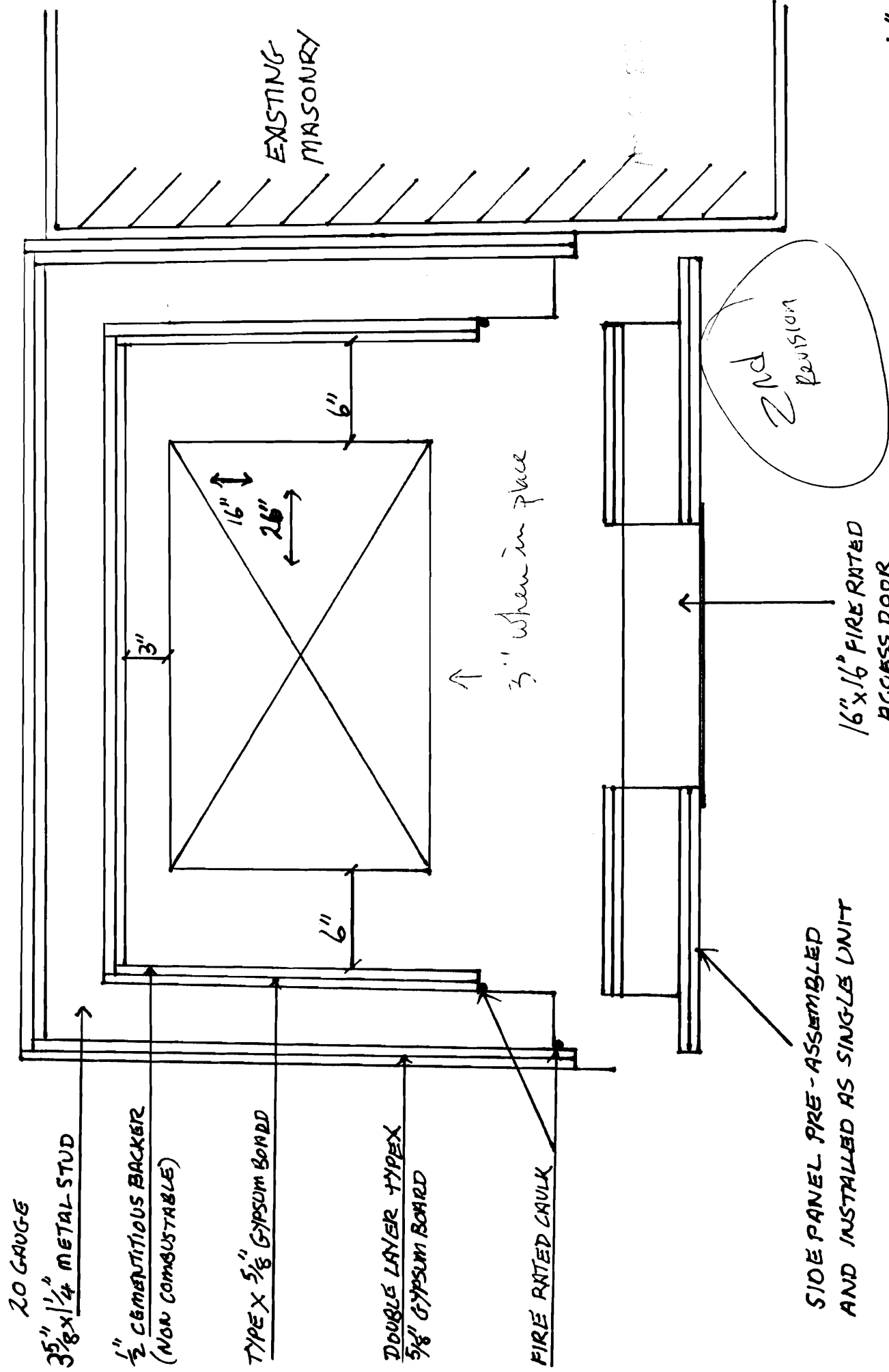
Non Tempered Supply Discharged into Room

Behind Cooking Equipment - 4500 CFM = 85% of Exhaust.

# CORNER ROOM EXHAUST DUCT CHASEWAY SECTION

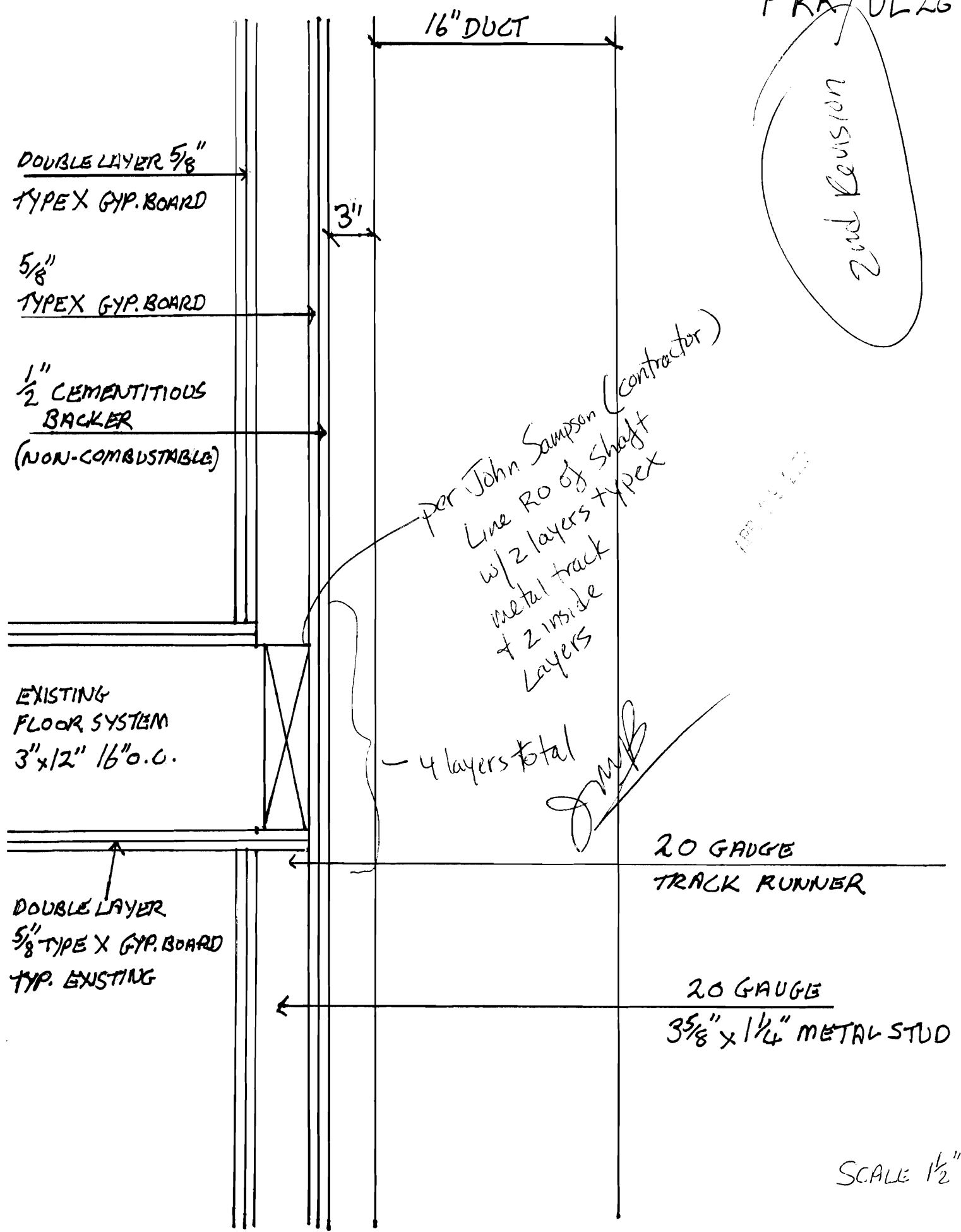
FRR / UL 263

oriental table.



CORNER ROOM EXHAUST DUCT CHASEWAY ELEVATION

FRR/UL263



SCALE 1/2" : 1'0"



**BXUV.U404  
Fire Resistance Ratings - ANSI/UL 263**

Page Bottom

**Design/System/Construction/Assembly Usage Disclaimer**

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

**Fire Resistance Ratings - ANSI/UL 263**

See General Information for Fire Resistance Ratings - ANSI/UL 263

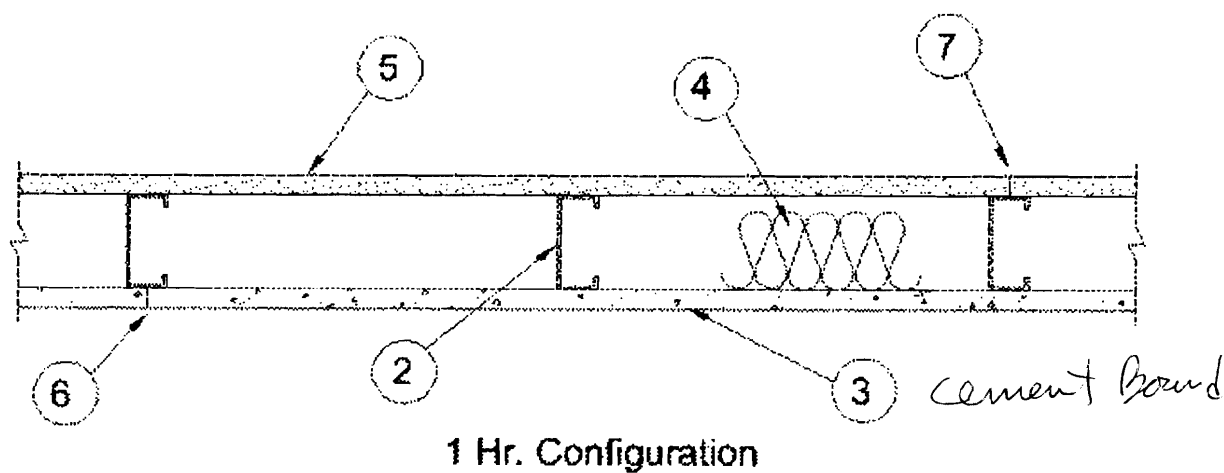
**Design No. U404**

February 20, 2009

**Bearing Wall Rating — 1 and 2 Hr (See Items 2, 3 and 5)**

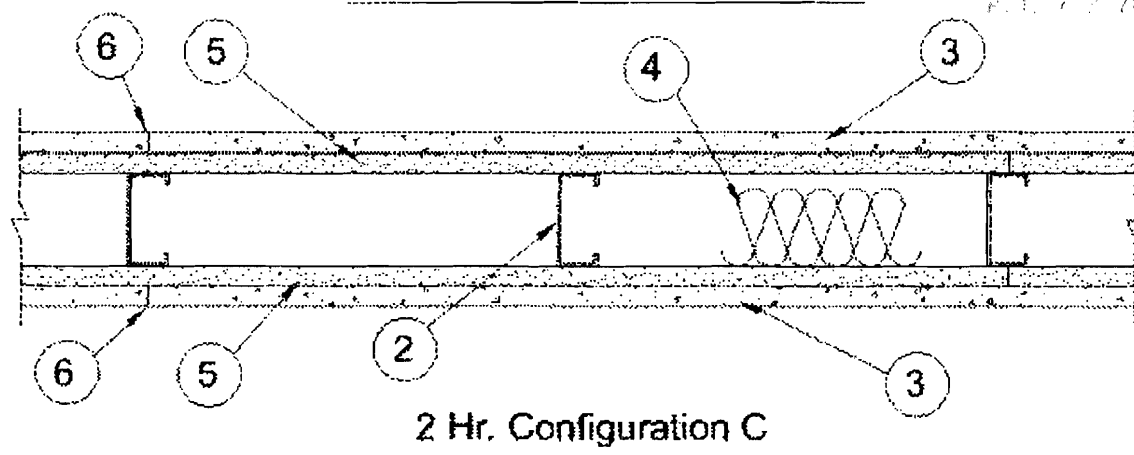
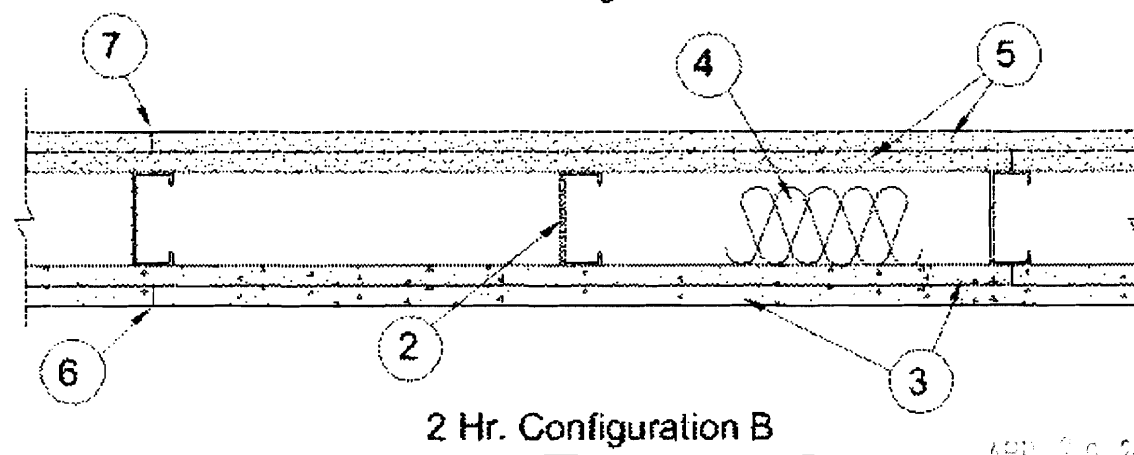
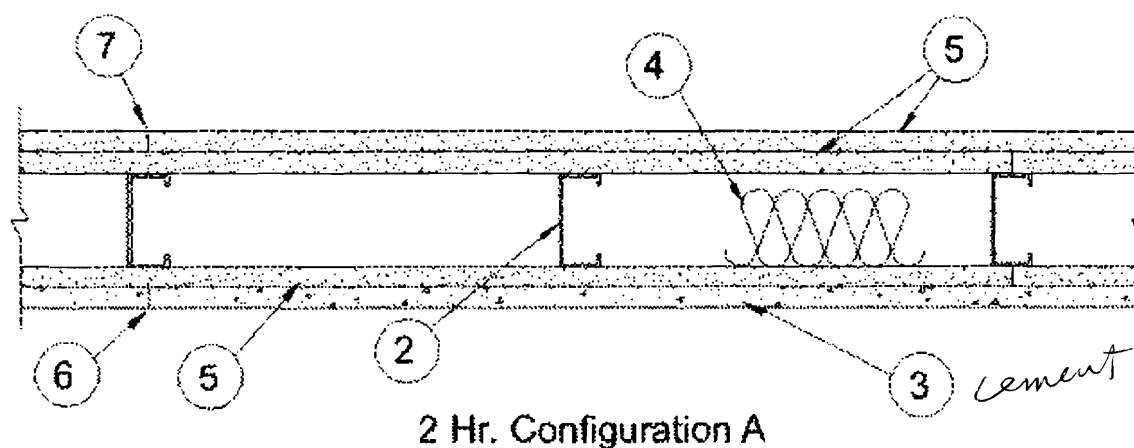
**Nonbearing Wall Rating — 1 and 2 Hr (See Items 2, 3 and 5)**

**Load Restricted for Canadian Applications — See Guide BXUV7**



*For construction*

APR 29 2009



APR 29 2009

1. **Steel Floor and Ceiling Runners** — (Not Shown) — Channel shaped, 3-1/2 in. wide by 1-1/4 in. deep, fabricated from min 20 MSG (0.0329 in., min bare metal thickness) galvanized steel. Attached to floor and ceiling with steel fasteners spaced 24 in. OC max.

2. **Steel Studs** — 3-1/2 in. wide, fabricated from min 20 MSG (0.0329 in., min bare metal thickness) galvanized steel, spaced max 16 in. OC. For bearing walls, studs shall be designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the bearing wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer and shall meet the requirements of all applicable local code agencies. Steel studs attached to floor and ceiling runners with 3/8 in. long Type S-12 steel screws on both sides of the studs or by welded or bolted connections designed in accordance with the AISI specifications. For nonbearing walls, studs to be cut 3/8 to 3/4 in. less than assembly height and friction-fitted into floor and ceiling runners.

2A. **Steel Studs** — (As an alternate to Item 2, For use with Item 5A) Channel shaped, fabricated from min 20 MSG (0.0327 in. thick) corrosion-protected or galv steel, 3-1/2 in. min width, min 1-1/2 in. flanges and 1/4 in. return, spaced a max of 16 in. OC. Studs friction-fit into floor and ceiling runners. Studs to be cut 5/8 to 3/4 in. less than assembly height.



3. **Cementitious Backer Units\*** — 1/2 in. or 5/8 in. thick, applied vertically or horizontally with vertical joints centered

over studs. Fastened to studs and runners with corrosion resistant, chamfered, ribbed wafer head screws with a minimum head diameter of .400 inch. For nonbearing systems, fastened to studs and bottom runners with the uppermost screws placed 1/2 in. to 2 in. below the bottom edge of the leg of the top runner. Horizontal joints need not be backed by framing. **1 Hr System** - Screws shall be min 1-1/4 in. long and spaced a max of 8 in. OC. All vertical joints staggered one stud cavity from gypsum board vertical joints on the opposite side of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. **2-Hr System** - For the base layer in Configuration B, the screws shall be min 1-1/4 in. long and spaced a max of 12 in. OC. For the face layers, screws shall be 1-5/8 in. long and spaced a max of 8 in. OC. All face layer joints offset min 12 in. from underlying base layer joints. Joints in either layer need not be staggered from joints on the opposite side of the wall.

**UNITED STATES GYPSUM CO** — DUROCK Exterior Cement Board, or DUROCK Brand Cement Board.

4. **Batts and Blankets\*** — Min 3 in. thick mineral wool insulation batts, friction-fitted between studs .

**THERMAFIBER INC** — Type SAFB.

5. **Gypsum Board\*** — 5/8 in. thick, with square or tapered edges, applied vertically or horizontally with vertical joints centered over studs. Horizontal joints need not be backed by framing. Fastened with Type S-12 screws. **1-Hr System** - For vertical application, fastened to studs and runners with 1 in. long screws spaced max 8 in. OC at vertical edges and spaced max 12 in. OC in the field. For horizontal application, fastened to studs and runners with 1 in. long screws spaced max 8 in. OC. Vertical joints staggered one stud cavity from cement board vertical joints on opposite side of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. **2-Hr System** - Base layer with an overlying gypsum board face layer, fastened with 1 in. long screws spaced max 16 in. OC to studs and runners. Base layer with an overlying cement board face layer, fastened with 1 in. long screws spaced max 12 in. OC to studs and runners. Face layers fastened with 1-5/8 in. long screws spaced max 16 in. OC to studs and runners with screws offset 8 in. from face layer screws. Face layer joints offset min 12 in. from base layer joints. Joints in either layer need not be staggered from joints on the opposite side of the wall. When used in widths other than 48 in., gypsum panels to be installed horizontally.

**CANADIAN GYPSUM COMPANY** — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC or WRX.

**UNITED STATES GYPSUM CO** — Type AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX, USGX (Joint tape and compound, Items 6 and 7, optional for use with Type USGX)

**USG MEXICO S A DE C V** — Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC, WRX.

5A. **Gypsum Board\*** — (As an alternate to Item 5 may be used as the base layer on one or both sides of wall, For direct attachment only) - Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field.

**RAY-BAR ENGINEERING CORP** — Type RB-LBG

6. **Joints** — Covered with glass fiber mesh tape and latex modified Portland cement mortar or basecoat, or Type I organic adhesive.

7. **Joints** — When tapered edge gypsum board is used, face layer joints covered with joint compound and paper tape. As an alternate, gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with joints reinforced. When square-edge gypsum board is used, treatment of joints is optional.

8. **Vapor Retarder, Water Barrier or Weather Resistive Barrier** — (Optional — Not shown) — As required.

9. **Lead Batten Strips** — (Not Shown, For use With Item 5A) - Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 5A) and optional at remaining stud locations. Required behind vertical joints.

10. **Lead Discs or Tabs** — (Not Shown, For use With Item 5A) - Used in lieu of or in addition to the lead batten strips (Item 9) or optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in. by 1-1/4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 5A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

\*Bearing the UL Classification Mark

Last Updated on 2009-02-20

<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=...> 4/29/2009

[Questions?](#)[Notice of Disclaimer](#)[Page Top](#)

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An independent organization working for a safer world with integrity, precision and knowledge



4/29/2009

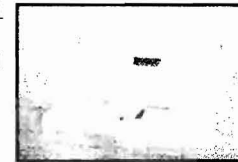
### Baby Changing Table and Baby Seat

#### BABY CHANGING STATIONS

Wall-mounted stations with concave surface provide comfort and control during changings. High-density polyethylene is embedded with Microban™ antimicrobial material to inhibit the growth of bacteria. Full-length steel-on-steel hinge and steel reinforcement plates provide durable support. Include replaceable nylon safety straps, bag/purse hooks, mounting hardware, and a built-in sanitary liner dispenser. 3-ply biodegradable paper liners are available, order separately this page. Stations meet or exceed ADA, ASTM, and ANSI requirements

#### BABY SEAT

Unit fits inside fitting room or restroom stall without compromising space. Seat has molded-in bag hook, Y-harness safety belt, a concave bed, and head and side support. Predrilled mounting cups. All installation hardware and mounting template included.



Polyethylene Baby Changing Station

Plastic Baby Seat

Description	Dim. (In.) Length Width	Brand	Mfr. Model	Item No.	\$ Each
<b>Polyethylene Baby Changing Stations</b>					
Horizontal	20 35 1/4	Koala Kare	KB100-00		449.25
Vertical	35 1/2 22	Koala Kare	KB101-00		449.25
<b>Stainless Steel Baby Changing Station</b>					
Horizontal	20 35 1/4	Koala Kare	KB110-SSWM		2961.00
<b>Liners for Baby Changing Stations</b>					
Paper Liners, Pkg. of 500	19 13	Koala Kare	KB150-99		77.65
<b>Plastic Baby Seat</b>					
150-Lb Capacity	22 1/4 13 1/4	Hospeco	67018		208.25

### Hair Dryer

Dayton

Wall-mounted, 1000-watt dryer features variable temperature control and a 15-minute timer. All electrical components are isolated to guard against accidental exposure to water. Hose and hand piece are insulated to prevent heat buildup.

APR 23 2000

Volts	Amps	Item No.	\$ Each
120	8.3	✓	227.50

### Access Doors

Conceal wall openings with a secure cover that can be finished to match wall color.

#### STANDARD

##### Steel

Frame constructed of 16-ga. steel has baked-on paintable prime coat. Flush-mount doors with pin hinge. Lock is screwdriver-operated.

##### Stainless Steel

Corrosion-resistant door and frame.

#### MEDIUM SECURITY

14-ga. steel with baked-on paintable prime coat. Continuous piano hinge and cylinder lock and key.

#### HIGH SECURITY

10-ga. steel with baked-on paintable prime coat. Heavy-duty 13-ga. steel butt hinges.

#### ACOUSTICAL

16-ga. steel with baked-on paintable prime coat. Continuous piano hinge and allen hex head lock.

#### DRYWALL

Door and frame are 16-ga. steel with drywall corner beads on all sides. Flush-mounted. Concealed pin hinge, screwdriver-operated cam latch. Paintable prime coat.

#### INSULATED, ALUMINUM

16-ga., corrosion-resistant aluminum door and frame. Features 1"-thick insulation in door, cylinder lock, and key. Continuous piano hinge. Paintable prime coat.

#### FIRE-RATED, INSULATED, STANDARD

Features automatic panel closer and inside panel release. Self-latching tool-key or ring-operated latch. Mineral wool insulation for a 2-hour fire barrier and 1 1/2-hour, B label. Fire rating of 1 1/2 hours in walls, 3 hours in noncombustible ceilings, and 1 hour in combustible ceilings. Paintable prime coat.

#### Upward-Swinging

Same features as standard models, with continuous piano hinge to allow opening to 89°. Self-latching, ring-operated latch (inside) and allen key-operated latch (outside).

#### PLASTIC

High-impact, noncorrosive ABS plastic doors are UV stabilized for exterior use. Patented reversible frame for surface or flush mounting. Can be painted, wallpapered, or tiled. Surface-mount doors are removable with a screwdriver. No. has punch-outs for electric and plumbing.

Door Dim (In.) W H	Wall Opening (In.)		Item No.	\$ Each	Door Dim (In.) W H	Wall Opening (In.)		Item No.	\$ Each
	W	H				W	H		
<b>Standard, Steel</b>									
8	8	8 1/4	8 1/4	30.75	12	12	12 1/4	12 1/4	67.30
10	10	10 1/4	10 1/4	36.35	16	16	16 1/4	16 1/4	89.85
12	12	12 1/4	12 1/4	36.60	18	18	18 1/4	18 1/4	107.50
12	12	12 1/4	12 1/4	58.05	24	24	24 1/4	24 1/4	142.25
14	14	14 1/4	14 1/4	41.90	<b>Drywall</b>				
14	14	14 1/4	14 1/4	63.30	8	8	8 1/4	8 1/4	31.75
16	16	16 1/4	16 1/4	45.65	12	12	12 1/4	12 1/4	38.10
16	16	16 1/4	16 1/4	69.60	18	18	18 1/4	18 1/4	55.25
18	18	18 1/4	18 1/4	51.95	24	24	24 1/4	24 1/4	74.75
16	24	16 1/4	24 1/4	56.10	<b>Insulated, Aluminum</b>				
18	24	18 1/4	24 1/4	60.50	8	8	8 1/4	8 1/4	100.25
24	24	24 1/4	24 1/4	71.70	12	12	12 1/4	12 1/4	108.35
24	24	24 1/4	24 1/4	99.50	16	16	16 1/4	16 1/4	125.60
24	36	24 1/4	36 1/4	111.40	18	18	18 1/4	18 1/4	137.35
36	36	36 1/4	36 1/4	136.10	24	24	24 1/4	24 1/4	189.75
<b>Standard, Stainless Steel</b>									
10	10	10 1/4	10 1/4	66.35	36	36	36 1/4	36 1/4	357.25
16	16	16 1/4	16 1/4	103.40	<b>Fire-Rated, Insulated, Standard</b>				
<b>Medium Security, Flush</b>									
12	12	12 1/4	12 1/4	94.85	12	12	12 1/4	12 1/4	110.35
16	16	16 1/4	16 1/4	132.80	16	16	16 1/4	16 1/4	136.30
18	18	18 1/4	18 1/4	173.75	18	18	18 1/4	18 1/4	187.00
24	24	24 1/4	24 1/4	227.50	22	30	22 1/4	30 1/4	181.00
<b>High Security, Flush</b>									
24	24	24 1/4	24 1/4	321.00	22	36	22 1/4	35 1/4	227.75
24	36	24 1/4	36 1/4	526.50	<b>Fire-Rated, Insulated, Upward-Swinging</b>				
<b>Plastic</b>									
	6	9	6 1/4	9 1/4	24	24	24 1/4	24 1/4	234.50
	14	14	14	14	22	30	22 1/4	30 1/4	220.50
	14	29	14	29 1/4	22	36	22 1/4	36 1/4	246.00

(\*) Includes cylinder lock and key

Standard, Steel

Drywall

Plastic

For your local branch see front pages A3-A8.

*doors we will use*

**GRAINGER** 1085





**BXUV.U474  
Fire Resistance Ratings - ANSI/UL 263**

Page Bottom

**Design/System/Construction/Assembly Usage Disclaimer**

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Listed or Classified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction.
- Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field.
- When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials and alternate methods of construction.
- Only products which bear UL's Mark are considered as Classified, Listed, or Recognized.

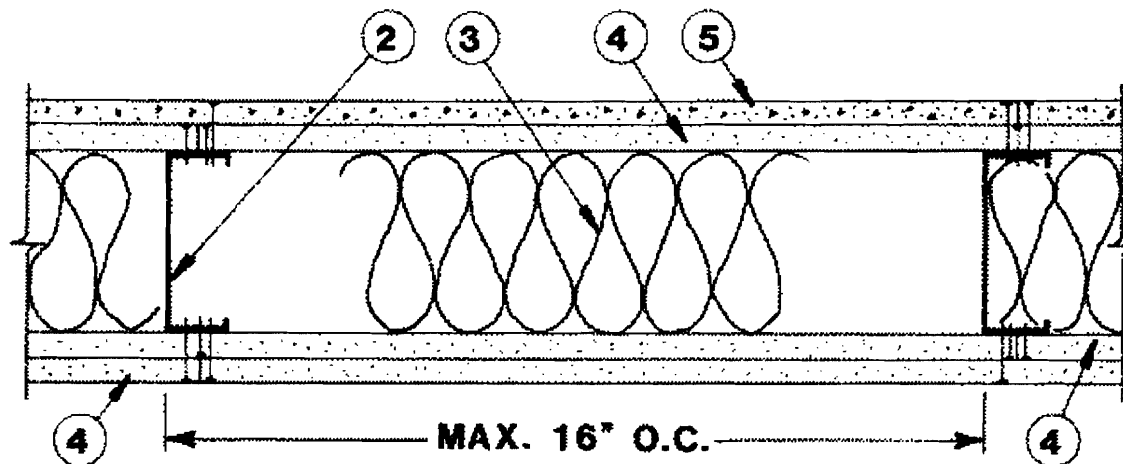
**Fire Resistance Ratings - ANSI/UL 263**

See General Information for Fire Resistance Ratings - ANSI/UL 263

**Design No. U474**

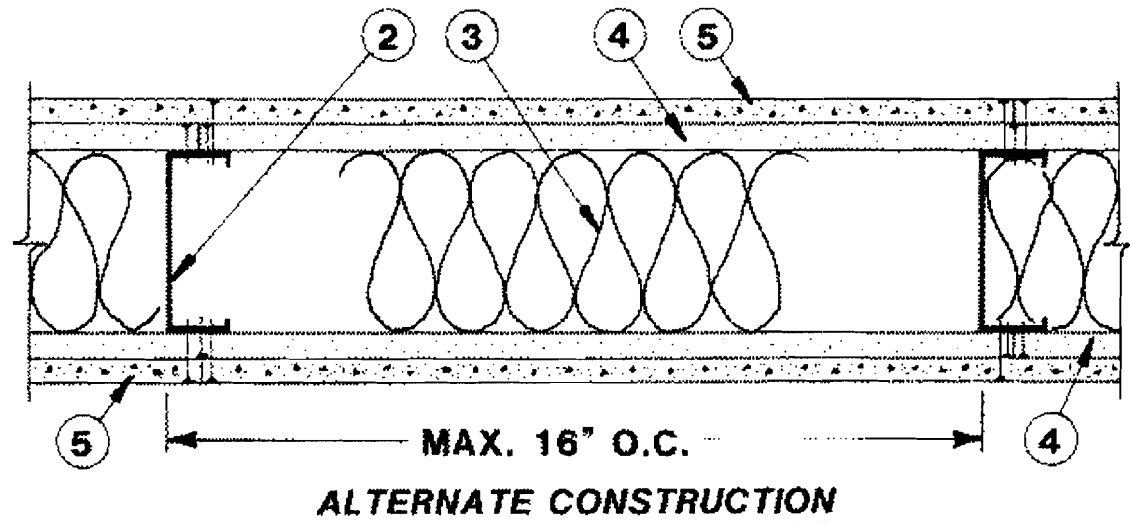
April 22, 2009

**Nonbearing Wall Rating — 2 Hr.**



*For construction*

*APR 22 2009*



1. **Floor And Ceiling Runners** — (Not shown) — Channel shaped runners, 3-5/8 in. wide by 1-1/4 in. deep, fabricated from No. 20 MSG (0.0329 in., min bare metal thickness) galv steel. Attached to floor and ceiling with fasteners, 24 in. OC max.

2. **Studs** — Channel shaped 3-5/8 in. wide by 1-1/4 in. deep with 5/16 in. folded back return flange legs. Fabricated from No. 20 MSG (0.0329 in., min bare metal thickness) galv steel. Max stud spacing 16 in. OC. Studs to be cut 1 in. less than assembly height.

3. **Batts And Blankets\*** — Mineral wool batts placed to completely fill interior of stud cavity to a 3 in. min thickness.

**THERMAFIBER INC** — Type SAFB.

4. **Gypsum Board\*** — Base layer, 1/2 in. thick, applied vertically and attached with 1 in. Type S-12 steel screws, spaced 24 in. OC at joints and in field. Base layer joints staggered on opposing sides of stud face Face layer, 1/2 in. thick, applied vertically with joints offset from base layer joints. Attached to studs with 1-5/8 in. long, Type S-12 steel screws, spaced 12 in. OC at the joint edges and in the field.

**AMERICAN GYPSUM CO** — Type AG-C.

**CERTAINTED GYPSUM INC** — ProRoc Type C.

**CERTAINTED GYPSUM CANADA INC** — ProRoc Type C.

**CANADIAN GYPSUM COMPANY** — Type C, IP-X2, IPC-AR or WRC.

**GEORGIA-PACIFIC GYPSUM L L C** — Type 5.

**LAFARGE NORTH AMERICA INC** — Types LGFC-C, LGFC-C/A.

**NATIONAL GYPSUM CO** — Types FSK-C, FSW-C, FSMR-C.

**PABCO BUILDING PRODUCTS L L C, DBA**

**PABCO GYPSUM** — Type PG-C.

**PANEL REY S A** — Type PRC

**REPUBLIC GYPSUM CO** — Type RG-C.

APR 26 2009

**TEMPLE-INLAND FOREST PRODUCTS CORP** — Type TG-C.

**UNITED STATES GYPSUM CO** — Type C, IP-X2, IPC-AR or WRC.

**USG MEXICO S A DE C V** — Type C, IP-X2, IPC-AR or WRC.

4A. **Gypsum Board\*** — (As an alternate to Item 4) — 5/8 in. thick. Installed as described in Item 4.

**NATIONAL GYPSUM CO** — Type FSMR-C.



5. **Cementitious Backer Units\*** — Board 1/2 in. thick, square edge, attached to studs with 1-5/8 in. long, Type S-12 corrosion resistant wafer head steel screws spaced 8 in. OC. Boards applied vertically with joints offset from gypsum wallboard joints.

**UNITED STATES GYPSUM CO** — Durock Type DCB, Durock Exterior Cement Board or Durock Brand Cement Board.

6. **Vapor Permeable Water Barrier Sheathing Material** — (Optional — Not shown) — As required.

7. **Water Barrier** — (Optional — Not shown) — Commercial asphalt saturated and/or coated felt.

8. **Joint Tape And Compound — Gypsum Board** — (Not shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints.

9. **Joint Tape And Compound — Mineral And Fiber Boards** — (Not shown) — Latex modified Portland Cement mortar or ANSI A136.1 Type 1 organic adhesive, applied to all joints with 2 in. wide pressure sensitive glass fiber mesh tape embedded in compound.

\*Bearing the UL Classification Mark

Last Updated on 2009-04-22

Questions?

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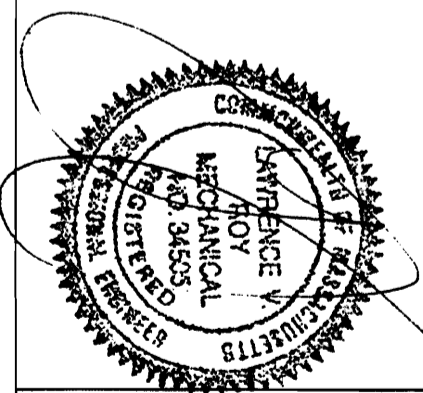
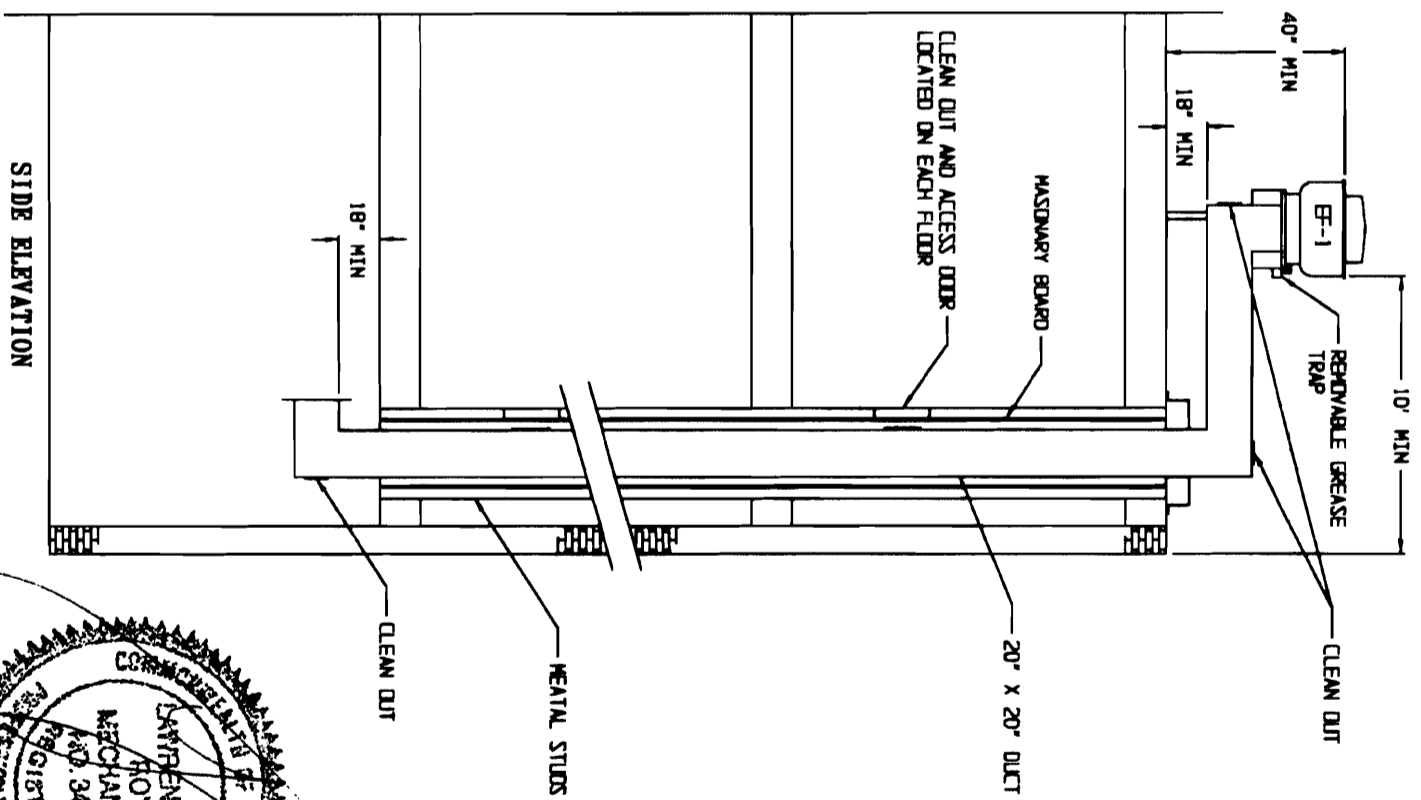
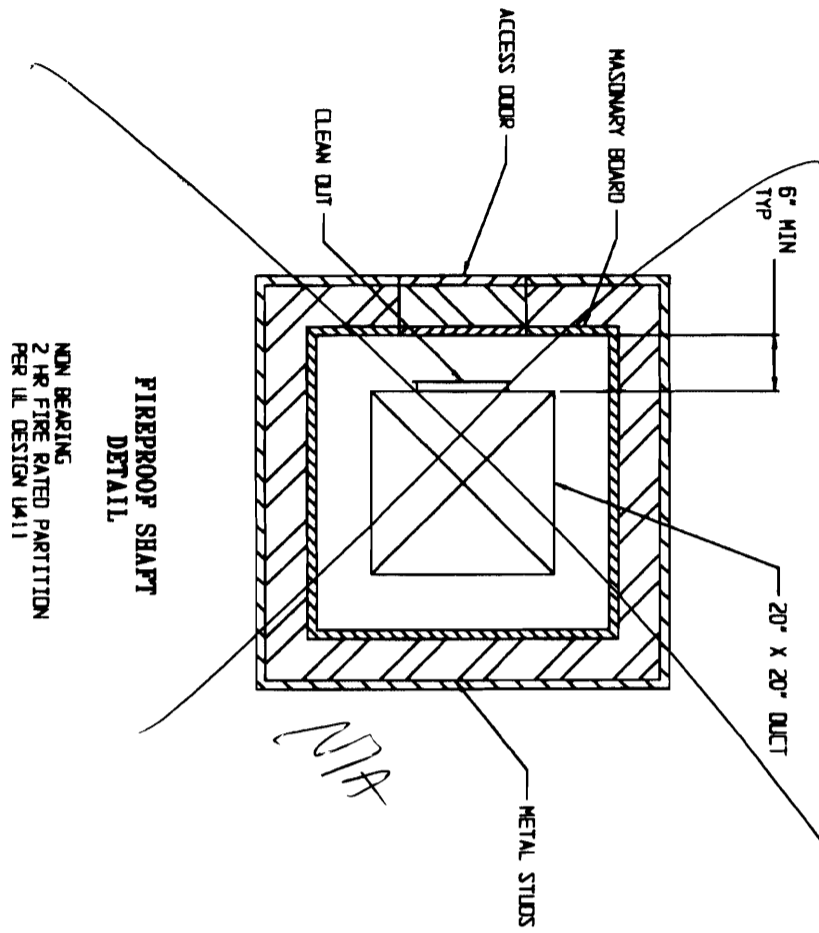
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# SCANNED



JOB LOCATION

**THE CORNER ROOM**  
110 Exchange Street  
Portland, ME 04101

SCALE

3/16" = 1' 00"

DRN BY

T. SURETTE

DATE

MAR 05, 2009

**SEIDMAN BROS. INC.**

25 SIXTH STREET  
CHELSEA, MA 02150

1st Revision

APR 22 2009

N/A

**EQUIPMENT SCHEDULE:**

**EXHAUST HOOD** - STAINLESS STEEL REAR DISCHARGE EXHAUST HOOD, 14' X 48" X 24" HIGH, WITH FULL LENGTH FILTER RACK, ALL WELDED GREASE SHELL, REMOVABLE GREASE CLIP, AND UL LISTED BAFFLE FILTERS AND LIGHT FIXTURES.

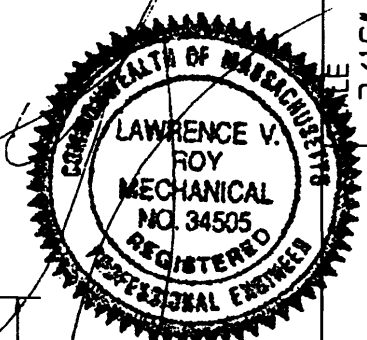
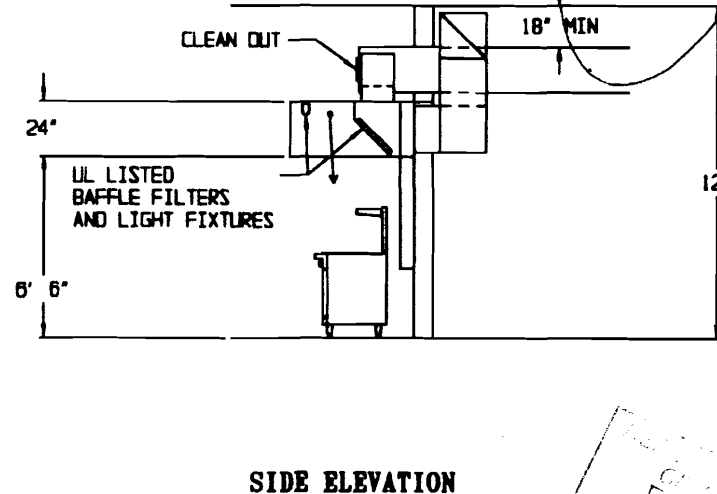
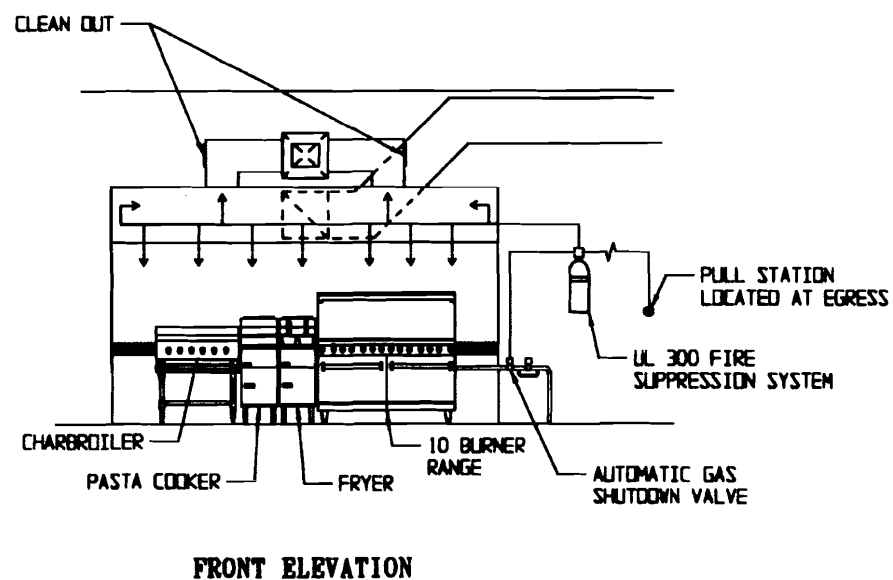
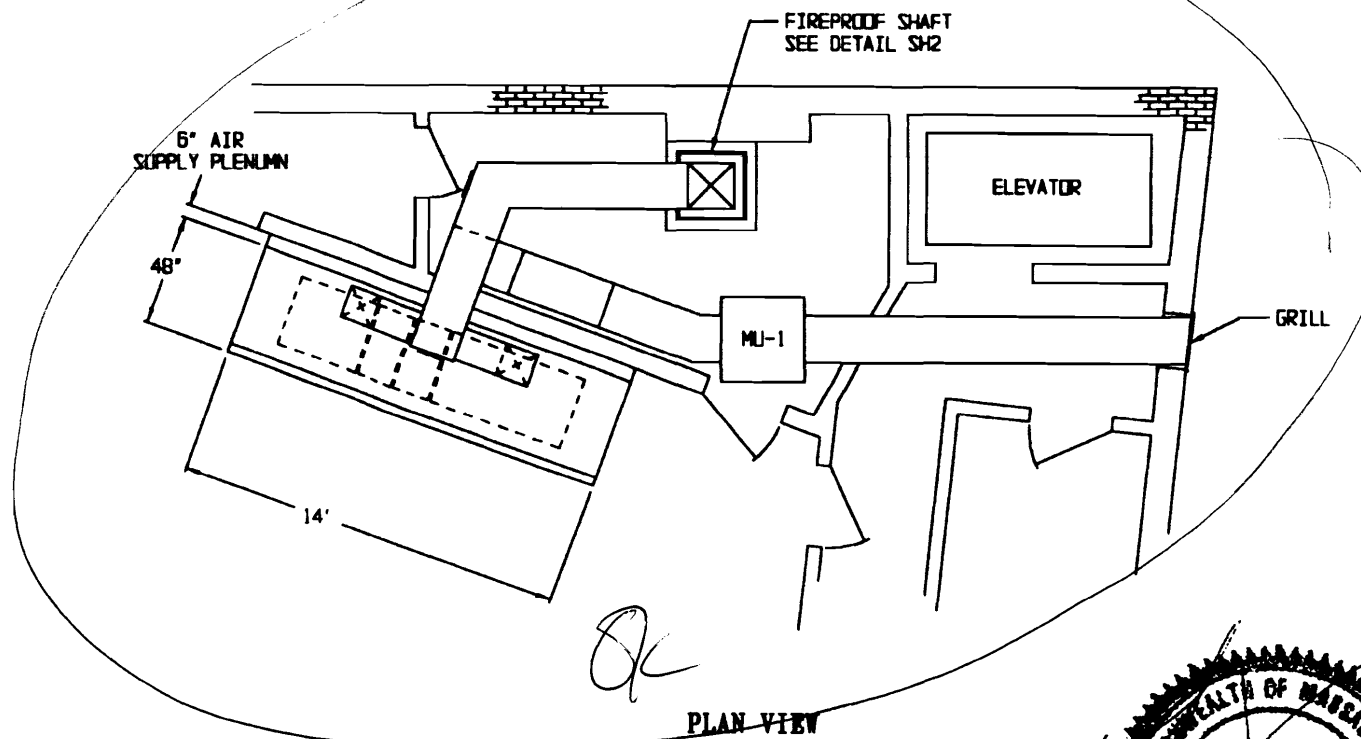
**EF-1** - 24" UPBLAST EXHAUST FAN WITH 1 HP, 120V, 2 SPEED MOTOR, 5600 CFM @ 2175 FPM IN A 20" X 20" WELDED 16 GA GALVANIZED DUCT, DUCT TO RUN UP THREE STORIES THROUGH A FIREPROOF SHAFT.

**MU-1** - WALL MOUNTED MAKE-UP AIR SYSTEM WITH 15", 1 HP, 120 V, 2 SPEED BLOWER FAN IN A FILTERED HOUSING, WALL CURB, AND DUCTWORK TO OUTSIDE WALL. 4500 CFM @ 85Z.

**FIRE SUPPRESSION** - A UL-300 FIRE SUPPRESSION SYSTEM WILL BE INSTALLED TO COVER THE HOOD, DUCT, AND APPLIANCES UNDER THE HOOD.

**NOTE:** UPON ACTIVATION OF THE FIRE SUPPRESSION SYSTEM, THE EXHAUST FANS SHALL REMAIN ON, AND THE SUPPLY SYSTEM, GAS FEED AND ELECTRICAL FEED TO ITEMS UNDER THE HOOD (INCLUDING LIGHTS) SHALL SHUT DOWN.

SYSTEM IS BUILT TO MEET NFPA 96 AND ALL LOCAL BUILDING CODES.



**SEIDMAN BROS. INC.**  
 25 SIXTH STREET  
 CHELSEA, MA 02150

SCALE: 3/16" = 1' 00"  
 DRN BY: T. SURETTE  
 DATE: MAR 05, 2009

**JOB LOCATION**  
 THE CORNER ROOM  
 110 Exchange Street  
 Portland, ME 04101

APR 22 2009

1st Revision

5/12/09 Inspected w/ Chris H. & contractor John.

Shaft construction as per <sup>approved</sup> design - 2 hour carried  
Through F/c Assembly. Discussed maintaining  
2 hour at entry point of duct ~~to~~ shaft. John  
will contact us when duct has been installed as to  
continuous Rating design. Clean out doors cut into  
walls at each Floor ~~at~~ 5' - Doors inspected -  
3 hr in noncombust wall. JMB  
OK to proceed -

6/21/09 Hood duct okay to close-in  
MAB



# CITY OF PORTLAND, MAINE

Department of Building Inspections

## Original Receipt

3.12 2009

Received from

John Cross, Inc.

Location of Work

117 Exchange

Cost of Construction \$

Building Fee:

Permit Fee \$

130

Site Fee:

Certificate of Occupancy Fee:

Total:

130

Building (I1)

Plumbing (I5)

Electrical (I2)

Site Plan (U2)

Other

CBL:

32-11-1

Check #:

12639

Total Collected \$

130

**No work is to be started until permit issued.**

If permit is Withdrawn or Denied, amount of the Refund is based on \$20.00 or 20% of the fee, (whichever is greater)

In order to receive a refund, you **MUST** present the Original Receipt.

Taken by:

*[Signature]*

WHITE - Applicant's Copy

YELLOW - Office Copy

PINK - Permit Copy