

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Building Inspection

PERMIT

Please Read Application And Notes, If Any, Attached

Permit Number: 050204

PERMIT ISSUED
MAY 18 2005
CITY OF PORTLAND

This is to certify that Unum Corp/Ledgewood Inc.

has permission to Kitchen hood replacement

AT 2211 Congress St

215 B002001

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 entered or closed-in. **HEAVY 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. UAM

Health Dept. _____

Appeal Board _____

Other _____

Department Name

[Signature]
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: 05-0204	Issue Date: PERMIT ISSUED MAY 18 2005	CBL: 215 B00200
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Location of Construction: 2211 Congress St	Owner Name: Unum Corp	Owner Address: 2211 Congress St	Phone: 2077671866
Business Name:	Contractor Name: Ledgewood Inc.	Contractor Address: PO Box 8107 Portland	Phone: 2077671866
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	Zone:

Past Use: Commercial Day Care Ctr	Proposed Use: Day Care Ctr. / Kitchen hood replacement	Permit Fee:	Cost of Work: \$46,000.00	CEO District: 3
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Proposed Project Description: Kitchen hood replacement	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: LOCAL Type: 5/13/05 Signature: <i>[Signature]</i>
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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: Idobson	Date Applied For: 02/23/2005	Zoning Approval		
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1. 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@ MM <input type="checkbox"/> Date: _____	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 <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: _____
--	---	---	---

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** 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.

- ~~_____~~ **Footing/Building** Location Inspection; Prior to pouring concrete
- ~~_____~~ **Re-Bar Schedule** Inspection: Prior to pouring concrete
- ~~_____~~ **Foundation Inspection:** Prior to placing ANY backfill
- ms **Framing/Rough Plumbing/Electrical:** Prior to any insulating or drywalling
- ms **Final/Certificate of Occupancy:** Prior to any occupancy of the structure or use. **NOTE:** There is a \$75.00 fee per inspection at this point.

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

ms **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 PA D FOR, BEFORE THE SPACE MAY BE OCCUPIED

[Signature]
Signature of Applicant/Designee

5/18/05
Date

[Signature]
Signature of Inspections Official

5/18/05
Date

CBL: 215 B 002

Building Permit #: 050204

City of Portland, Maine - Building or Use Permit

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

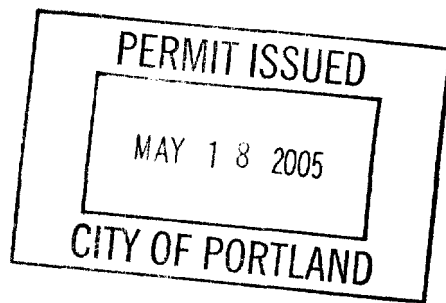
Permit No: 05-0204	Date Applied For: 02/23/2005	CBL: 215 B002001
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Location of Construction: 2211 Congress St	Owner Name: Unum Corp	Owner Address: 2211 Congress St	Phone:
Business Name:	Contractor Name: Ledgewood Inc.	Contractor Address: PO Box 8107 Portland	Phone: (207) 767-1866
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	

Proposed Use: Day Care Ctr. / Kitchen hood replacement	Proposed Project Description: Kitchen hood replacement
--	--

Dept: Building	Status: Approved with Conditions	Reviewer: Mike Nugent	Approval Date: 05/13/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Must comply with the 2003 IMC			
Dept: Fire	Status: Approved with Conditions	Reviewer: Lt. MacDougal	Approval Date: 02/28/2005
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) the hood system shall be installed in accordance with NFPA 96 standards			

Comments:
3/1/2005-mjn: left message w/Guy Lebreque re 2003 IMC compliance issues





CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

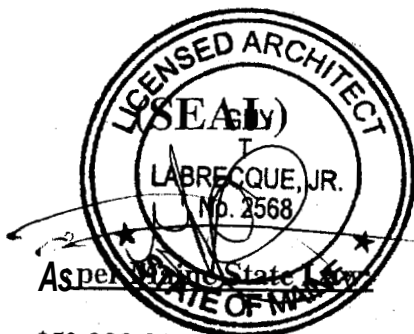
FROM: Guy Labrecque - CWS Architects

RE: Certificate of Design

DATE: 2/10/05

These plans and / or specifications covering construction work on:
UNUM DAY CARE FACILITY KITCHEN HOOD REPLACEMENT

Have been designed and drawn **up** by the undersigned, a Maine registered Architect/
Engineer according to the **2003 International Building Code** and local amendments.



\$50,000.00 or more in new construction, repair expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.

Signature: [Handwritten Signature]

Title: Vice-President

Firm: CWS Architects

Address: 434 Cumberland Ave.

Portland, ME 04181

City of Portland, Maine - Building or Use Permit

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

Permit No: 05-0204	Date Applied For: 02/23/2005	CBL: 215 B002001
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Location of Construction: 221 1 Congress St	Owner Name: Unum Corp	Owner Address: 22 11 Congress St	Phone:
Business Name:	Contractor Name: Ledgewood Inc.	Contractor Address: PO Box 8107 Portland	Phone: (207) 767-1866
Lessee/Buyer's Name	Phone:	Permit Type: Hood Systems, Commerical	

Proposed Use: Day Care Ctr. / Kitchen hood replacement	Proposed Project Description: Kitchen hood replacement
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Dept: Fire **Status:** Approved with Conditions **Reviewer:** Lt. MacDougal **Approval Date:** 02/28/2005
Note: **Ok to Issue:**

1) the hood system shall be installed in accordance with NFPA 96 standards

Comments:

3/1/2005-mjn: left message w/Guy Lebreque re 2003 IMC compliance issues




CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04101

ACCESSIBILITY CERTIFICATE

Designer: Guy Labrecque - CWS Architects
Address of Project: 2211 Congress St. - UNUM DAY CARE FACILITY
Nature of Project: Day care center kitchen hood replacement

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act.

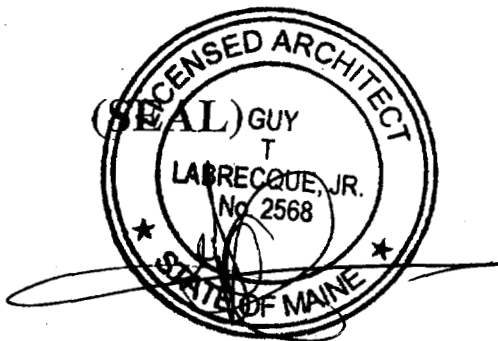
Signature: 

Title: Vice-president

Firm: CWS Architects

Address: 434 Cumberland Ave.
Portland, ME 04101

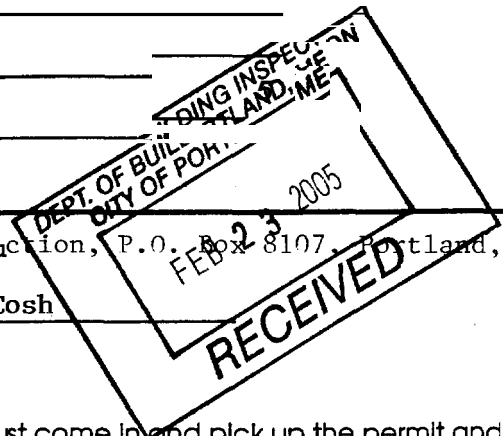
Phone: 207-774-4441



All Purpose Building Permit Application

If you or the property owner owes 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.

Total Square Footage of Proposed Structure		Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 215 B 2		Owner: UNUM Provident Telephone: 207-575-5886	
Lessee/Buyer's Name (If Applicable) N/A		Applicant name, address & telephone: Ledgewood Construction P.O. Box 8107 Portland, ME 04104	
		cost Of Work: \$ 46,000 Fee: \$ 435.00	
Current use: <u>Day Care Center</u> If the location is currently vacant, what was prior use: <u>N/A</u> Approximately how long has it been vacant: _____ Proposed use: <u>Day Care Center</u> Project description: <u>Kitchen Hood Replacement</u>			
Contractor's name, address & telephone: <u>Ledgewood Construction, P.O. Box 8107, Portland, ME 767-1866</u> Who should we contact when the permit is ready: <u>Kevin McCosh</u> Mailing address: <u>P.O. Box 8107, Portland, ME 04104</u>			
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up.			
PHONE: 767-1866			



IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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>[Handwritten Signature]</u>	Date: February 22, 2005
--	-------------------------

This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall



allied engineering, inc.

Structural

Mechanical

Electrical

Technology

FAX TRANSMITTAL

PROJECT NUMBER: 04-111

Date: 5/6/05

Project Name: UNUH Daycare

of Pages: 12
(including cover)

RE:

To: Mike Nugent

cc:

Fax #:

Company:

Fax #: 756-8090

From: Anthony Davis, P.E.

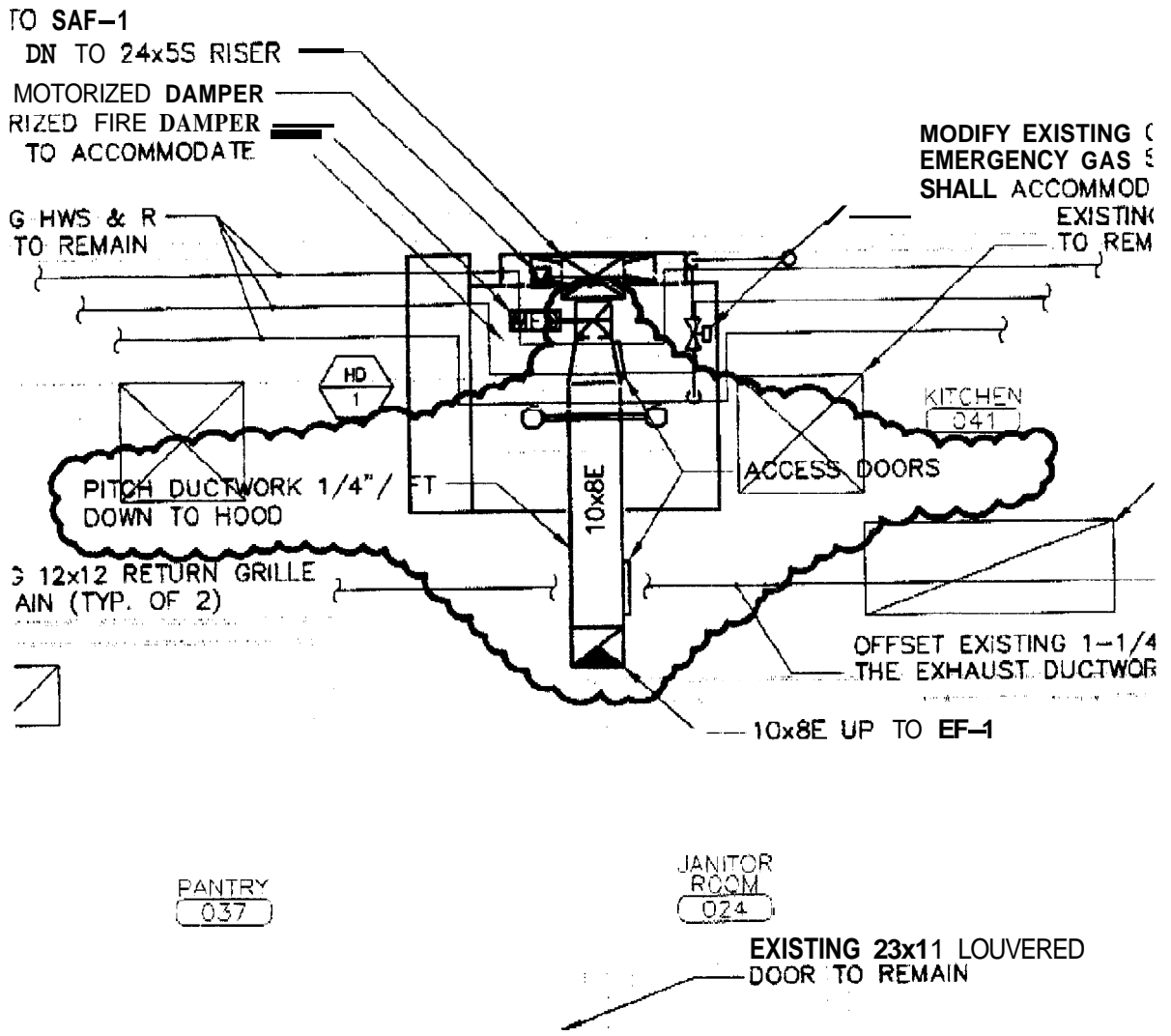
AEI cc: FILE

M:\FORMS - NEW\AEI-FAK.doc

HARDCOPY TO FOLLOW? ___ YES ___ NO

COMMENTS:

Attached is Addendum #2 per discussion with Tony.



K-M-D

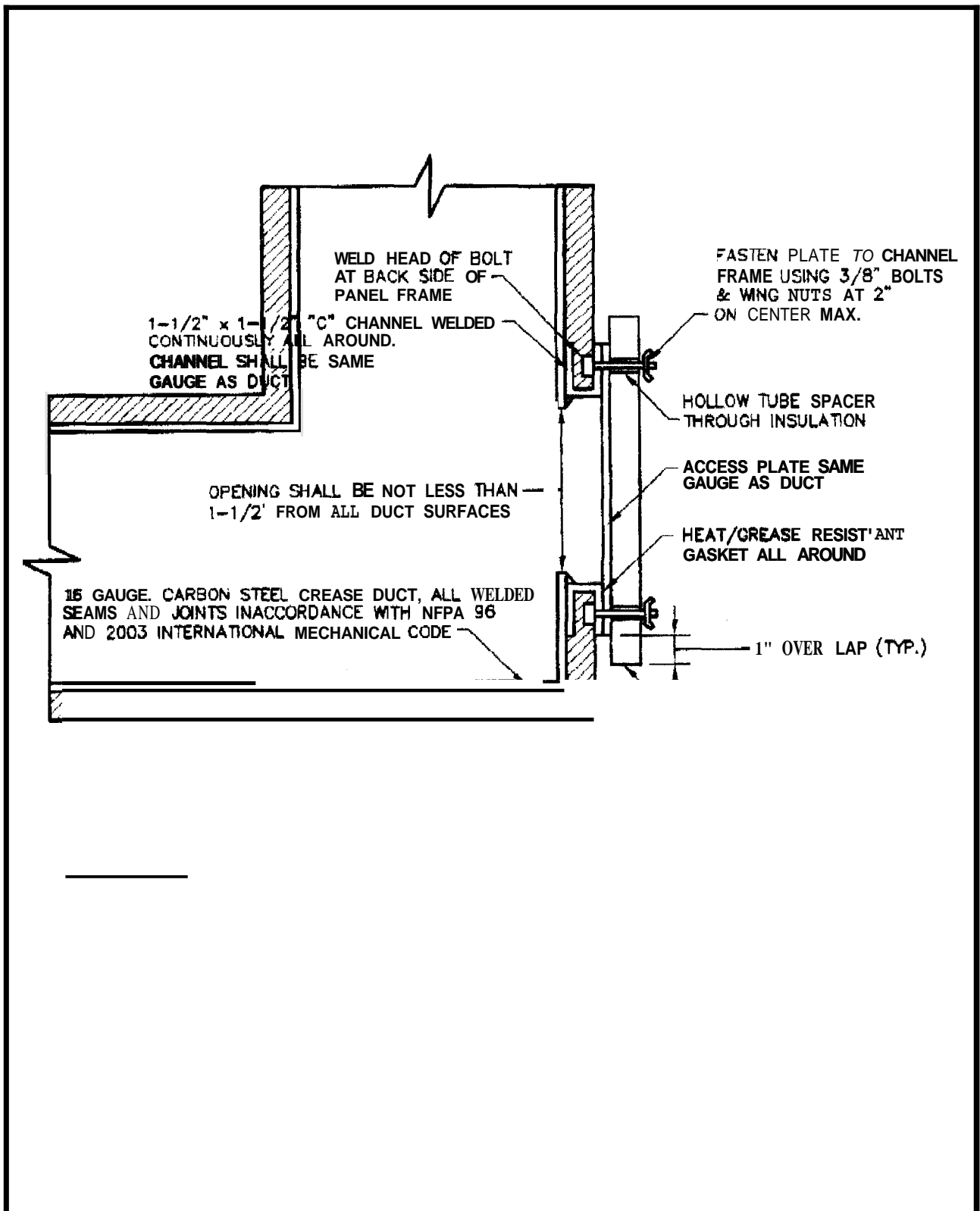
MECHANICAL PLAN
 RMSED ACCESS PANEL & DUCTWORK
 UNUM PROVIDENT
 DAY CARE KITCHEN HOOD REPLACEMENT

Scale: NTS	Project No: 04111
Date: 3-01-05	CAD File: 04111M

allied
 engineering, inc.

One Westbrook Common, Westbrook, Maine 04092-2804
 Telephone No: 207-864-8128 • Fax No: 207-864-0803
 E-Mail: info@allied-eng.com • www.allied-eng.com





SK
05

FIRE RATED GREASE DUCT
ACCESS PANEL

UNUM PROVIDENT
DAY CARE KITCHEN HOOD REPLACEMENT

Scale: NTS

Project No: 04111

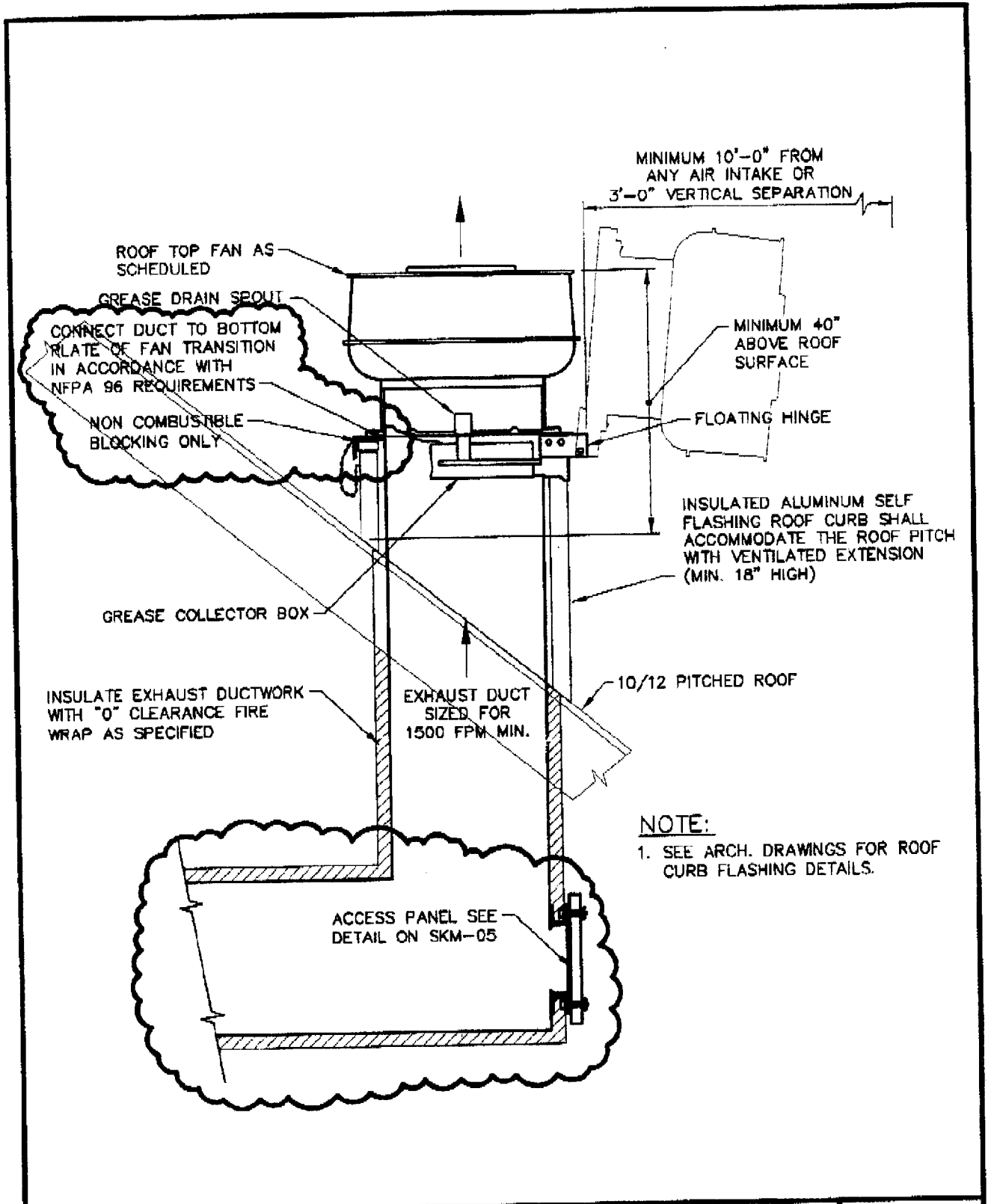
Date: 3-01-05

CAD File: 04111M

allied
engineering, inc.

One Westbrook Common, Westbrook, MA 01890-2804
Telephone No. 207-854-8126 • Fax No. 207-954-0603
E-Mail: info@allied-eng.com • www.allied-eng.com





SKM-04	ROOF TOP KITCHEN EXHAUST FAN ~ DETAIL	
	UNUM PROVIDENT DAY CARE KITCHEN HOOD REPLACEMENT	
	Scale: NTS	Project No: 04111
	Date: 3-01-05	CAD File: 04111M

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engineering, inc.

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 engineering, inc.
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 E-Mail: info@allied-eng.com • www.allied-eng.com

PANEL 'LP'
SCHEDULE
UNUM PROVIDENT
DAY CARE KITCHEN HOOD REPLACEMENT
 Scale: NTS
 Project No: 0411
 CAD File: 0411M
 Date: 3-01-05

SKM-03

PANEL SCHEDULE ~ LP (EXISTING)

VOLTAGE: 208/120V		MCB: 150A		PROJECT NAME
3 PHASE, 4 WIRE		AIC: 10,000A		UNUMPROVIDENT DAYCARE
CIRCUIT BREAKER				BRANCH CIRCUIT DESCRIPTION
OCT NO	BRKR SIZE	NO OF POLES	PH	
1			A	EXISTING CIRCUIT
3			B	EXISTING CIRCUIT
5			G	EXISTING CIRCUIT
7			A	EXISTING CIRCUIT
9			B	EXISTING CIRCUIT
11			C	EXISTING CIRCUIT
13			A	EXISTING CIRCUIT
15			B	EXISTING CIRCUIT
17			C	EXISTING CIRCUIT
19			A	EXISTING CIRCUIT
21			B	EXISTING CIRCUIT
23			C	EXISTING CIRCUIT
25			A	EXISTING CIRCUIT
27			B	EXISTING CIRCUIT
29			C	EXISTING CIRCUIT
31			A	EXISTING CIRCUIT
33			B	EXISTING CIRCUIT
35			C	EXISTING CIRCUIT
37			A	TOILET & KITCHEN STORAGE EXH. FANS, KITCHEN HOOD LIGHTS & CONTROLS
39			B	EXISTING CIRCUIT
41			C	EXISTING CIRCUIT
2			A	EXISTING CIRCUIT
4			B	EXISTING CIRCUIT
6			C	EXISTING CIRCUIT
8			A	EXISTING CIRCUIT
10			B	EXISTING CIRCUIT
12			C	EXISTING CIRCUIT
14			A	EXISTING CIRCUIT
16			B	EXISTING CIRCUIT
18			C	EXISTING CIRCUIT
20			A	EXISTING CIRCUIT
22			B	EXISTING CIRCUIT
24			C	EXISTING CIRCUIT
26			A	EXISTING CIRCUIT
28			B	EXISTING CIRCUIT
30			C	EXISTING CIRCUIT
32			A	EXISTING CIRCUIT
34			B	EXISTING CIRCUIT
36			C	EXISTING CIRCUIT
38			A	EXISTING CIRCUIT
40			B	EXISTING CIRCUIT
42	(E) 20	1	C	ELEC. DOOR HOLDERS, KITCHEN FIRE SUPPRESSION & GAS VALVE

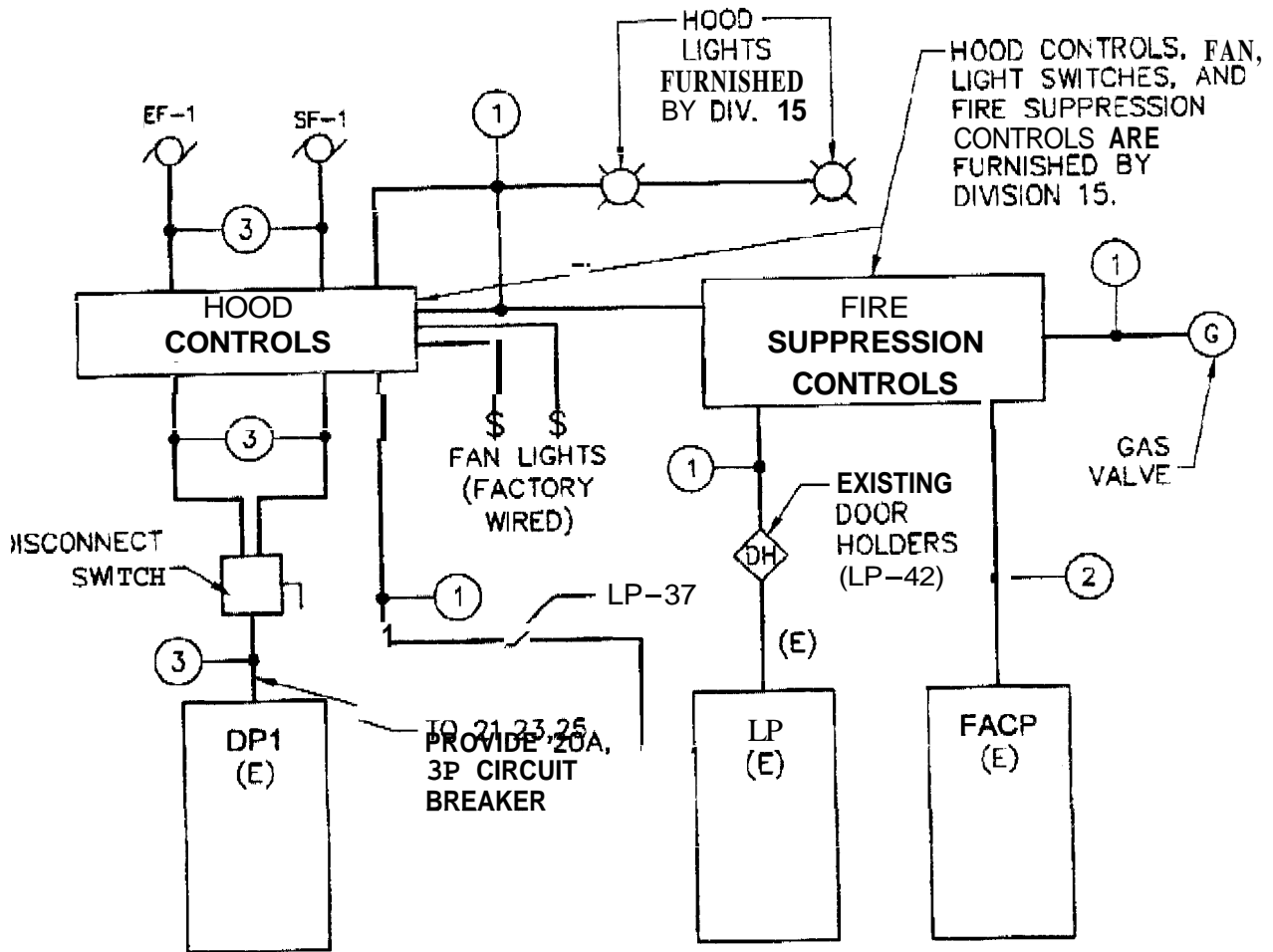


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 Telephone No: 207-854-0120 • Fax No: 207-854-0803
 E-Mail: info@allied-eng.com • www.allied-eng.com

PANEL SCHEDULE
UNUM PROVIDENT
DAY CARE KITCHEN HOOD REPLACEMENT
 Project No: 04111
 CAD File: 04111M
 Date: 3-01-05
 Scale: NTS

SKM-02

PANEL SCHEDULE ~ DP1 (EXISTING)				
VOLTAGE: 480/277V		MCB: 225 A		PROJECT NAME
3 PHASE, 4 WIRE		AIC: 14,000A		UNUMPROVIDENT DAYCARE
CIRCUIT BREAKER			BRANCH CIRCUIT DESCRIPTION	
CKT NO	BRKR SIZE	NO OF POLES	PH	
1			A	EXISTING CIRCUIT
3			B	EXISTING CIRCUIT
5			C	EXISTING CIRCUIT
7			A	EXISTING CIRCUIT
9			B	EXISTING CIRCUIT
11			C	EXISTING CIRCUIT
13			A	EXISTING CIRCUIT
15			B	EXISTING CIRCUIT
17			C	EXISTING CIRCUIT
19			A	EXISTING CIRCUIT
21	20	3	B	EF-1, SF-1
23			C	
25			A	
27			B	SPACE
29			C	SPACE
31			A	SPACE
33			B	SPACE
35			C	SPACE
37			A	SPACE
39			B	SPACE
41			C	SPACE
2			A	EXISTING CIRCUIT
4			B	EXISTING CIRCUIT
6			C	EXISTING CIRCUIT
8			A	EXISTING CIRCUIT
10			B	EXISTING CIRCUIT
12			C	EXISTING CIRCUIT
14			A	EXISTING CIRCUIT
16			B	EXISTING CIRCUIT
18			C	EXISTING CIRCUIT
20			A	EXISTING CIRCUIT
22			B	EXISTING CIRCUIT
24			C	EXISTING CIRCUIT
26			A	SPACE
28			B	SPACE
30			C	SPACE
32			A	SPACE
34			B	SPACE
36			C	SPACE
38			A	SPACE
40			B	SPACE
42			C	SPACE



FEEDER KEY	
SYMBOL	CONDUCTORS*
①	(1)#12 + (1)#12G
②	(2)#14
③	(3)#12 + (1)#12G

* WIRING BASED ON COPPER CONDUCTORS~CONDUCTORS AND GROUNDING WIRE THWN-THHN.

SKM-01

FIRE SUPPRESSION DIAGRAM	
UNUM PROVIDENT DAY CARE KITCHEN HOOD REPLACEMENT	
Scale: NTS	Project No: 04111
Date: 3-01-05	CAD File: 04111M

allied
engineering, inc.
One Westbrook Common, Westbrook, Maine 04092-2804
Telephone No: 207-854-8126 • Fax No: 207-854-0603
E-Mail: info@allied-eng.com • www.allied-eng.com



From: Fox, John K [JRFox@unumprovident.com]

Sent: Tuesday, February 22, 2005 9:18 AM

To: Anthony Davis

Cc: Guy Labrecque; Minor, Matthew D; Naja Finia, Nick

Subject: FW: Daycare Exhaust Drawing Comments

Tony, I have a few requests to be added to the final drawings. The following are requested to be added:

1. I am assuming that the two circles at three locations is the fire detectors. It is not indicated on the electrical legend on M-000. Please identify on the drawing.
2. The request has been made to identify the circuit and panel number for the hood lights.
3. The request has been made to create a new panel schedule identifying the new circuits and changes.
4. The request has also been made that an electrical single line diagram be provided so that the electricians connect the circuits as is intended.
5. Please identify the required clean outs at the 90 degree elbow in the exhaust duct.

Please let me know if you have any questions. Thank you. John

John R. Fox(8146)
Project Manager, Facility Planning
UnumProvident Corporation
2211 Congress Street
Portland, ME 04122
Office: (207)575-5886
Fax: (207)676-1614
Mobile: (207)329-5286

allied engineering, inc. response:

1. The two circles indicated in three locations on the architectural plan indicate only that there are ceiling mounted fixtures at the locations. Only one of these devices, a heat detector is affected by the renovations, and is addressed on the electrical plan
2. To be issued by Addendum #2
3. To be issued by Addendum #2.
4. To be issued by Addendum #2
5. The cleanouts are located on Sheet M-100, identified as AP for access panel. Refer to Addendum #2 for a detail of the installation.

allied engineering, inc. response:

1. The clean outs are shown on the drawings, identified as AD (access doors) and are located at the exterior of the duct. The legend on Sheet M-000 indicates the designation. For clarification, attached please find SKM-05, detailing the requirements for construction of the access panel.
2. Zero clearance ductwrap is fire rated and is shown on M-100 detail E8. Additionally, Section 15083 of the project specification lists the specific requirements for the material.
3. All exhaust ductwork is welded. This requirement is spelled out on the drawings and specified in Section 15815 of the specifications. Firestopping requirements are specified in Section 07841 of the Specifications
4. The drawing scale is as indicated on the specific plans throughout. The scale indicator in the title block is diagrammatic.
5. The R102 ansul system is a liquid system, as specified and meets UL 300. Specification will be amended via this Addendum to clarify the referenced standard.
6. The exhaust duct is flanged over the curb end the fan securely attached to the top of the curb, over the duct flange. Refer to SKM-04, attached to this addendum for detail.
7. The specified hood size allows for 6" of hood over lapping the stove on all 3 sides.



PROJECT MEETING MINUTES

Project Number:	05-PO-019
Subproject Number:	05-PO-019-002
Project Title:	Daycare Center Kitchen Hood Replacement
Subject:	Review of Drawings with Sue Dion, State Fire Marshall office
	02116/2005
Time:	1 PM

Attendees:	Representing:
Sue Dion	State of Maine Fire Marshall Office
John R. Fox	UPC - FP

Discussion:

1. Sue wanted to see the clean outs for the duct on the drawing. Sue also asked if the clean out is an external or internal type.
2. Sue wanted to make sure that the zero clearance duct wrap was fire rated. She wanted it shown clearly on the drawing.
3. The drawing needs to more clearly identify all penetrations that need fire rated caulking – include bolt penetrations, etc
4. Drawing scale was not clear.
5. Sue wanted to make sure that the R102 ansul system is a UL 300 system (wet system – new requirement within the past year)
6. Sue wanted to see a detail on how the duct is bolted to the fan.
7. Sue wanted to make sure that there was at least 6 inches of clearance between outside edge of the hood and the front face of the stove.

Action Items:

Tasks:	Assigned To:	Due Date:

Recorded By: John R. Fox

III. CHANGES TO THE DRAWINGS

A. Drawing M-100, Detail E8

Delete *in its entirety*.

Add in its place. SKM-04, attached

B Refer to SKM-15 (**attached**) for grease duct access panel detail.

C Drawing M-100

Refer to SKM-06 for revisions to the ductwork plan

D. Drawing M-100

Refer to **sketches SKM-01, SKM-02, and SKM-03 for clarification of electrical connections.**

I. RESPONSE TO QUESTIONS

- A. Refer to attachments for response to John Fox and Sue Dionne questions, dated February 22, 2005 and February 16, 2005, respectively.

II. CHANGES TO THE SPECIFICATIONS

- A. Division 15

1. **Section 15083, Paragraph 2.2 B**
Delete in its entirety.
Add in its place

B, Fire Protection Wrap. John Mansville Firetemp Wrap, Model SL 15 or approved equal; high temperature insulation blanket specifically designed to a two-hour fire rating around commercial and industrial applications, such as kitchen exhaust grease ducts, HVAC ducts, chemical exhaust ducts, and refuse and linen chutes

- i. Wrap shall be a flexible, fire protection wrap that meets the requirements defined by the Underwriters Laboratories (UL) and the National Fire Protection Association (NFPA 96). Wrap shall be a UL classified soluble amorphous wool blanket, completely encapsulated in a UL classified, aluminum foil, fiberglass-reinforced scrim.
 - ii. Wrap shall be fully tested against internal grease ducts fires (UL1978), external fires (ASTM E 119/UL263), through penetration insulated duct fires (ASTM 814/UL1479), wall fires (ASTM E 119), and surface burning (ASTM E 84/UL723). Omega Point Laboratory and Underwriters Laboratory (UL), third party, fire endurance testing agencies accredited by ICBO, BOCA, and SBBCI (National Evaluation Services) in the United States, performed these tests and are providing reference listings.
 - iii. Wrap For grease duct applications shall use minimum of one layer of 1-1/2" wrap, applied with an overlap of three inches and insulated duct banded with stainless steel straps. Installation shall be strictly as dictated by the manufacturer for "zero" clearance to combustibles and 2 hr. fire rating.
2. **Section 15870, Paragraph 1.7 B. 1.**
Delete in its entirety
3. **Section 15870, Paragraph 2.4 I.**
Add the following:
"10. The ansul system shall comply with UL 300."

DATE: March 1, 2005

FROM: **allied engineering, inc**
One Westbrook Common
Westbrook, Maine 04092
Telephone. (207) 854-8126

TO: **Prospective Bidders, Suppliers, and Other Parties**

RE: **Addendum No. 2 to the Bidding Documents for:**
Unum Daycare, Kitchen Hood Replacement, Unum Provident

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated February 3, 2005

This Addendum consists of Three (3) pages, Two (2) Question/Response Documents and Six (6) sketches.

INDEX

RESPONSE TO QUESTIONS
CHANGES TO SPECIFICATIONS
CHANGES TO DRAWINGS