

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT



This is to certify that

CM WATERFRONT PROPERTIES LLC

PERMIT ID: 2012-50057

Located at

250 COMMERCIAL ST

CBL: 031 L034001

has permission to **Install commercial kitchen hood Type I Hood Fee on**

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 the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be procured prior to occupancy.

A handwritten signature in black ink that reads "Joanne Bonke".

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
THERE IS A PENALTY FOR REMOVING THIS CARD**

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

Footings/Setbacks prior to pouring concrete

Framing Only

Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Jeff Levine

Job ID: 2012-10-5297-ALTCOMM Located At: 250 COMMERCIAL ST CBL: 031- L-034-001

Conditions of Approval:

Building

1. Application approval based upon information provided by the applicant or design professional, including revisions dated received 11/28 and 11/30/12. Any deviation from approved plans requires separate review and approval prior to work.
2. The loading dock use shall not block the egress/exit from the brewery at any time it is open to the public.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-05-3993-CH OF USE 2012-50057-HOOD	Date Applied: 11/7/2012	CBL: 031- L-034-001	
Location of Construction: 250 COMMERCIAL ST	Owner Name: CM WATERFRONT PROPERTIES, LLC	Owner Address: P.O. Box 7467 PORTLAND, ME 04112	Phone: 207-772-8160
Business Name: In'finiti Fermentation & Distillation	Contractor Name: Don Michaud	Contractor Address: 41 Williams St., Portland ME 04137	Phone: 207-939-9108
Lessee/Buyer's Name: Eric Michaud	Phone: 207-756-4454	Permit Type: Building- Hood	Zone: WCZ
Past Use: Photography Studio	Proposed Use: Restaurant & Brew Pub (permit #2012-05-3993) – install kitchen Hood & Exhaust System	Cost of Work: \$1,000.00	CEO District:
Proposed Project Description: install kitchen hood & exhaust system		Fire Dept: 11/29/12 <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied N/A Signature: <i>Bjornell</i> (58)	Inspection: Use Group: A-2/F-1 Type: hood MUBEC09 VB Signature: <i>AMB</i> 11/19/12
Permit Taken By: Lannie	Zoning Approval		

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan</p> <p>___ Maj ___ Min ___ MM Date: 11/19/12 OK <i>ARM</i></p>	<p>Zoning Appeal</p> <p><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</p> <p>Date:</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in Dist 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</p> <p>Date: <i>ARM</i></p>
	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 appication 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
---	------	-------

WC2

original 2012-05-31

2012-5-0057

Child

General 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.

Location/Address of Construction: <u>250 Commercial St</u>		
Total Square Footage of Proposed Structure/Area	Square Footage of Lot	Number of Stories
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>31</u> <u>L</u> <u>34</u>	Applicant * <u>must</u> be owner, Lessee or Buyer* Name <u>Eric Michaud</u> Address <u>41 William St</u> City, State & Zip <u>Portland ME 04103</u>	Telephone: <u>207-756-4454</u>
Lessee/DBA (If Applicable) <u>In'fruit: Fermentation & Distillation</u>	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>1000</u> C of O Fee: \$ _____ Total Fee: \$ <u>30</u> <u>Fee on original Permit</u>
Current legal use (i.e. single family) _____ Number of Residential Units _____ If vacant, what was the previous use? <u>Malcomber Photography</u> Proposed Specific use: <u>Brewpub</u> Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>Kitchen Hood & Exhaust System</u>		
Contractor's name: <u>Don Michaud</u>		
Address: <u>Below</u>		
City, State & Zip _____ Telephone: <u>939-9108</u>		
Who should we contact when the permit is ready: <u>Eric Michaud</u> Telephone: <u>756-4454</u>		
Mailing address: <u>41 William St Portland ME 04103</u>		

RECEIVED
NOV 07 2012
Dept of Building Inspections
City of Portland Maine

Please submit all of the information outlined on the applicable 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, 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: [Signature] Date: 11/7/12

This is not a permit; you may not commence ANY work until the permit is issued

Infinite Fermentation & Distillation
250 Commercial St

contact: Eric Michaud 207-756-4454



Strengthening a Remarkable City, Building a Community for Life - www.portlandmaine.gov

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? Stainless If Other, what Type? _____

Is the duct work Stainless steel or other type of steel? Galvanized If Other, what type? _____

Thickness of the steel for the hood 18 ga.

Thickness of the duct for the hood 18 ga.

Type of Hood and Duct Supports

Struts and Rods

Type of seams and Joints Welded

Grease Gutters provided? Yes

Hood Clearance reduction to Combustibles design /specs:
As per NFPA 96

Duct Clearance reduction to Combustibles design /specs:
As per NFPA 96

Vibration Isolation System:
None

Air Velocity within the duct system N/A

Grease accumulation prevention system:
Yes

Cleanouts None Hinged exhaust

Grease Duct enclosure None

Exhaust Termination Roof ~~XXXX~~ Wall duct rise to above Roof

Fire Suppression System Ansul 6 gallon

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

Exhaust fan distance from property lines _____

Exhaust fan distance from other vents or openings 25 ft.

Exhaust fan distance from adjacent buildings 50 ft.

Exhaust fan height above adjoining grade 35 ft.

Hood Specs

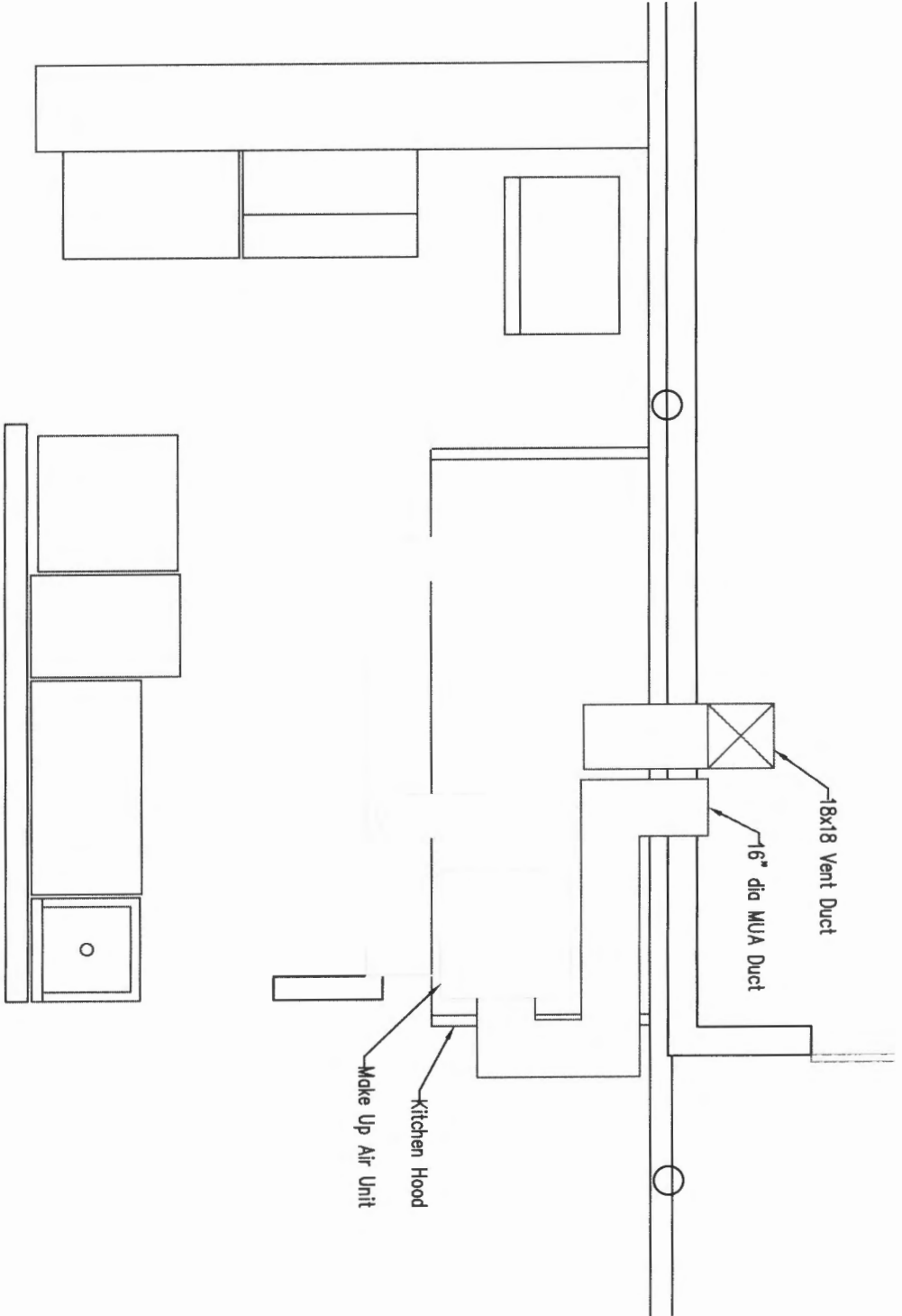
Style of Hood Type 1 Captive Aire

Type of Filter Baffle Stainless

Height of filter above nearest cooking surface 3 ft.

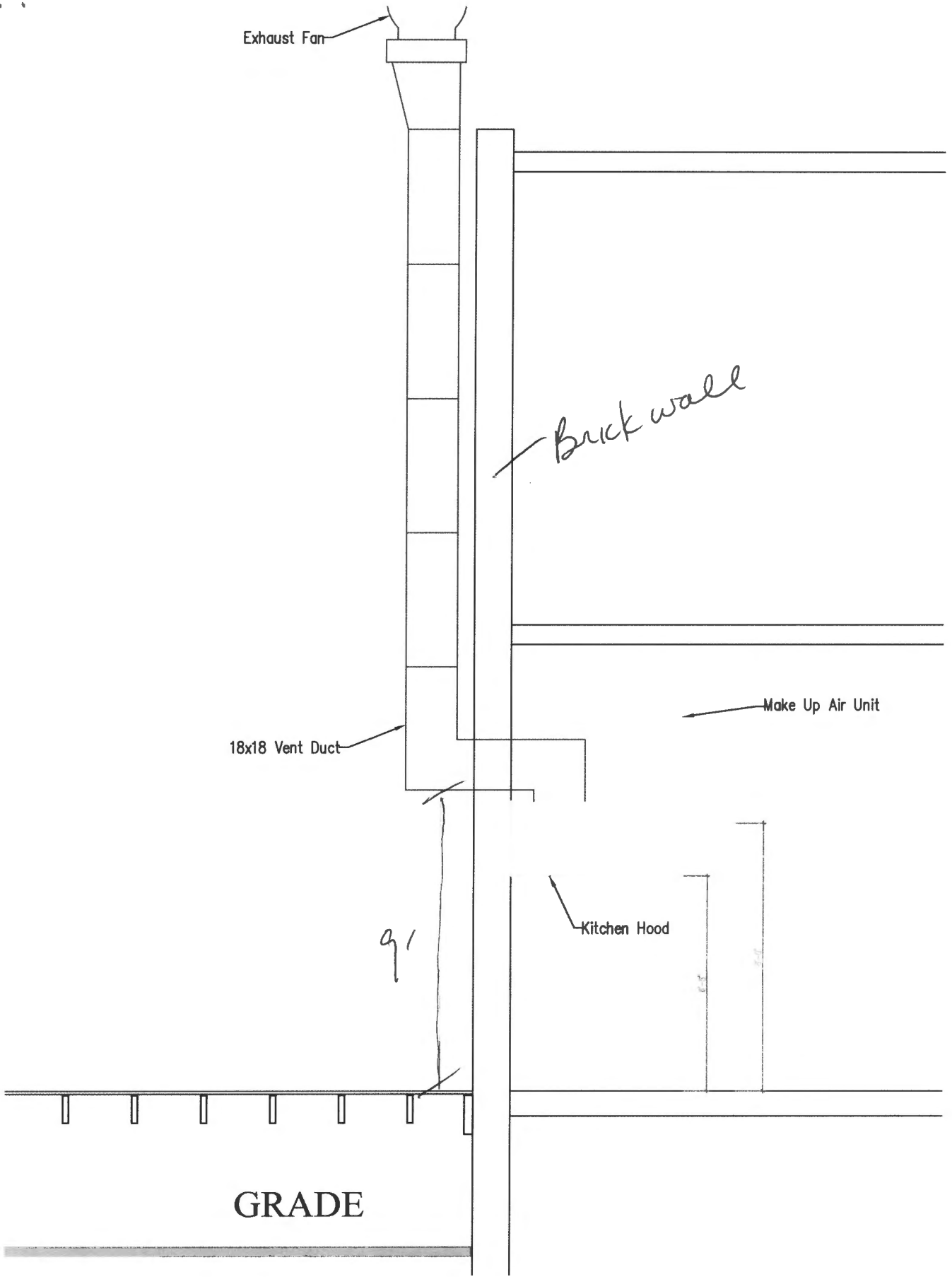
Capacity of hood CFM 4500 CFM

Make up Air system description and capacity
Inline fan 3800 CFM



SK-1 | Kitchen Hood Plan

SCALE: 1/4" = 1'-0"



SK-2 | Kitchen Hood Elevation
 SCALE: 1/4"=1'-0"

11/16/12

Infinity Fermentation & Distillation
250 Commercial St

GC - Don Michaud 939-9108

President - Eric Michaud 756-4454

Kitchen Hood Installer:

Jo M Enterprises
330 Neck Rd
China ME

Mike Daves 592-2540 cell
968-2729 office

RECEIVED
NOV 16 2012
Dept. of Building Inspections
City of Portland Maine

HOOD INFORMATION

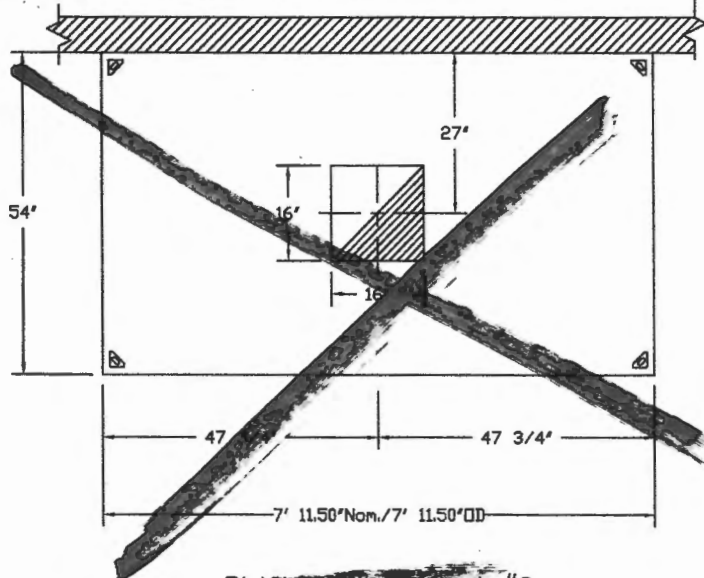
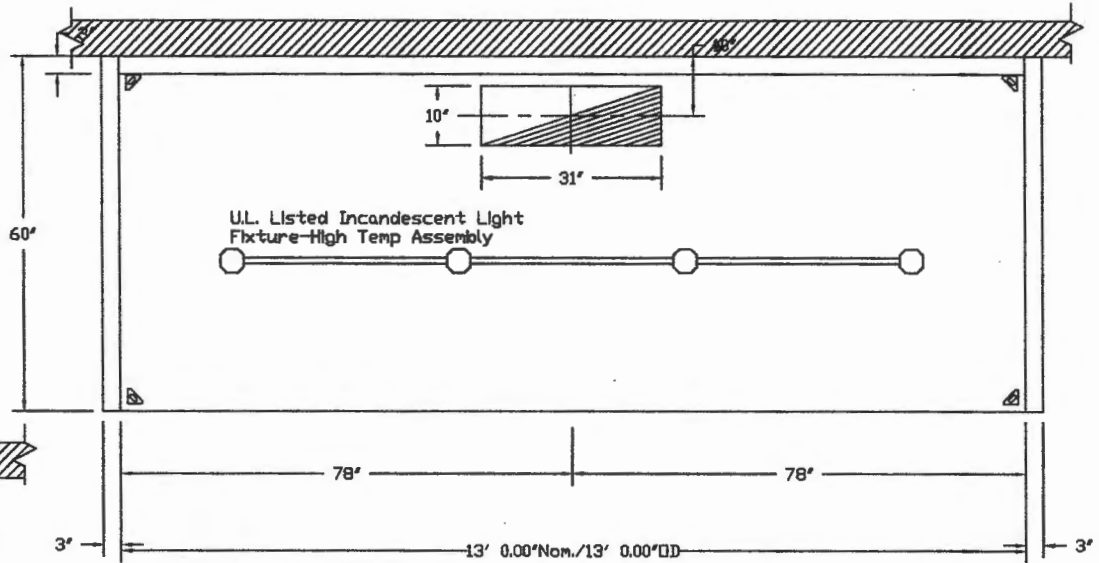
HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM RISER(S)					SUPPLY PLENUM RISER(S)					HOOD CONSTRUCTION	HOOD CONFIG.	
				TOTAL EXH. CFM	WIDTH	LENG.	DIA.	CFM	S.P.	TOTAL SUP. CFM	WIDTH	LENG.	DIA.		CFM	S.P.
1	6024 ND-2	13' 0.00"	450 Deg.	3250	10"	31"		3250	-1.134'	0				430 SS Where Exposed	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	FILTER(S)				LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING W/GHT	
	TYPE	QTY.	HEIGHT	LENGTH	QTY.	TYPE	WIRE GUARD	LOCATION	FIRE SYSTEM TYPE	SIZE	ELECTRICAL MODEL #			SWITCHES QUANTITY
1	Stainless Steel High E	1	16"	16"	4	Incandescent Light Fbxt	NO						NO	496 LBS

HOOD OPTIONS

HOOD NO.	OPTION
1	FIELD WRAPPER 18.00' High Front
	BACKSPLASH 80.00' High X 162.00' Long 430 SS
	LEFT END STANDOFF 3' Wide
	RIGHT END STANDOFF 3' Wide
	LEFT SIDESPLASH 80.00' High X 60.00' Long 430 SS
	RIGHT SIDESPLASH 80.00' High X 60.00' Long 430 SS
	BACKSPLASH - INSIDE CORNER 80.00' High X 4.00' Leg Length 430 SS
	BACKSPLASH - INSIDE CORNER 80.00' High X 4.00' Leg Length 430 SS

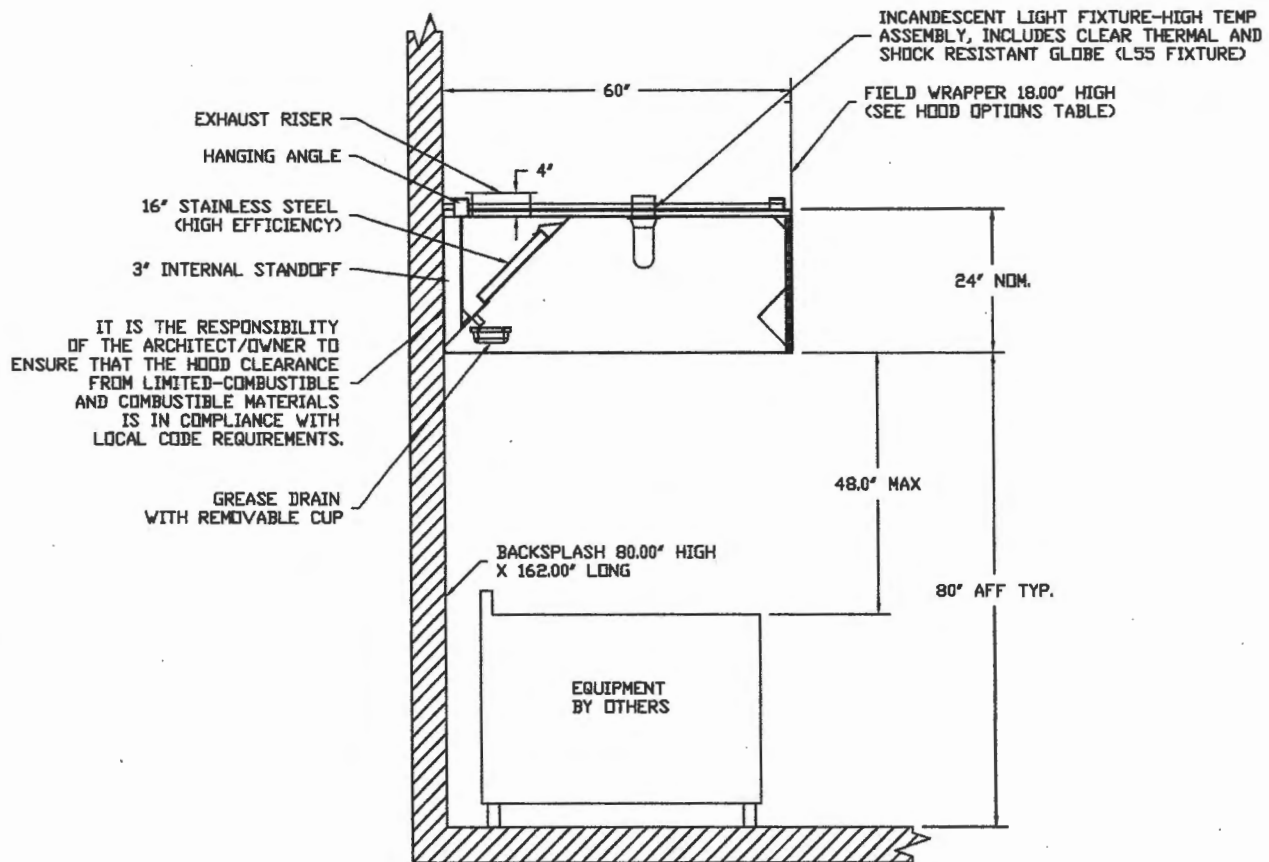


PLAN VIEW - Hood #1
13' 0.00" LONG 6024ND-2
 NOTE: Additional hanging angles provided for hoods longer than 12 ft.

PLAN VIEW - Hood #2
7' 11.50" LONG 5424ND-2



JOB	
LOCATION	
DATE 4/12/2012	JOB # 671858
DWG # 1	DRAWN BY MD-21
REV.	SCALE 3/8" = 1'-0"



SECTION VIEW - MODEL 6024ND-2

CAPTIVEAIR

JOB	[REDACTED]	
LOCATION	[REDACTED]	
DATE	4/12/2012	JOB # 671858
DWG #	2	DRAWN BY MD-21
REV.		SCALE 3/8" = 1'-0"

EXHAUST FAN INFORMATION

FAN UNIT NO.	FAN UNIT MODEL #	MODEL	TAG	CFM	ESP.	RPM	H.P.	#	VOLT	FLA	WEIGHT (LBS.)
1	NCA16FA	NCA16FA		3250	1.250	1175	1.500	1	208	10.2	152.41

FAN OPTIONS

FAN UNIT NO.	OPTION (Qty. - Descr.)
1	1 - Grease Box

FAN ACCESSORIES

FAN UNIT NO.	FAN UNIT TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1		YES						

CURB ASSEMBLIES

NO.	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	41 LBS	Curb	26.500"W x 26.500"L x 20.000"H Vented Hinged

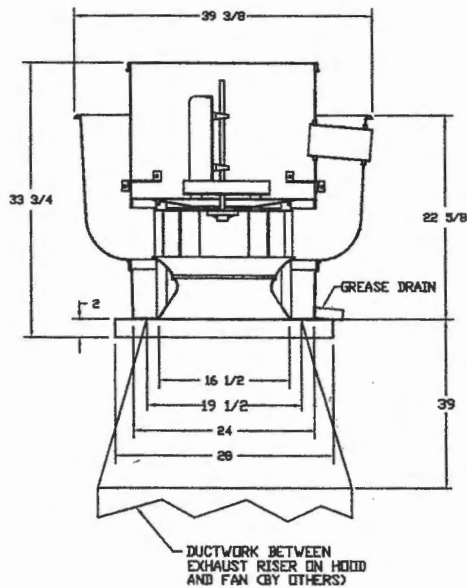
ELECTRICAL PACKAGES

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		ROOFTOP STARTERS	OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY			TYPE	#	H.P.	VOLT	FLA
1		21011028	Wall Mount In SS Box	SS Wall Mount Box	1 Light 1 Fan		Exhaust In Fire, Relay w/ 2-IPDT on/off w/ Sup Fan	Exhaust	1	1.500	208	10.2



JOB	
LOCATION	
DATE	4/12/2012
DWG #	5
REV.	
JOB #	671858
DRAWN BY	MD-21
SCALE	3/8" = 1'-0"

FAN #1 NCA16FA - EXHAUST FAN



FEATURES:

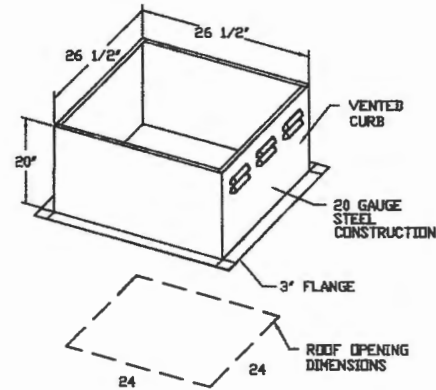
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- AMCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

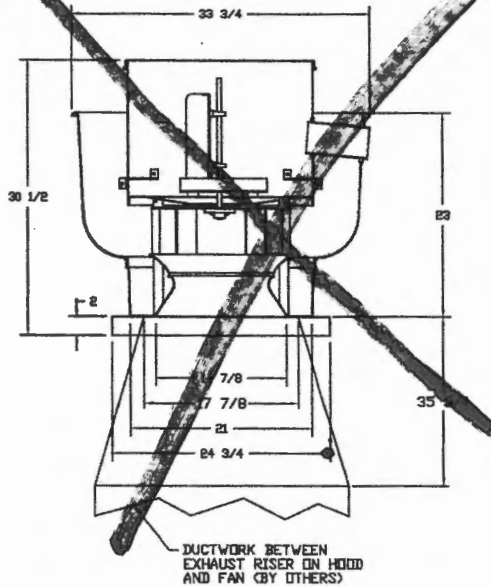
ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS:

GREASE BOX



FAN #2 NCA14FA - EXHAUST FAN



FEATURES:

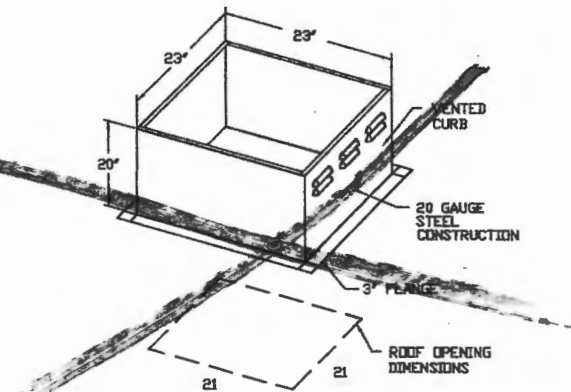
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- AMCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS:

I 19-BDD DAMPER



CAPTIVE AIR

JOB	[REDACTED]	
LOCATION	[REDACTED]	
DATE	4/12/2012	JOB # 671858
DWG #	6	DRAWN BY MD-21
REV.		SCALE 3/8" = 1'-0"

Exhaust Fan Wiring

JOB NAME XXXXXXXXXX

DATE 3/31/2008

DRAWING NUMBER EXH671858-1

JOB NUMBER 671858

MODEL NCA16FA

Installed Options



<u>Component Identification</u>		
<u>Label</u>	<u>Description</u>	<u>Location</u>
MT-01	Fan Motor	[20]
SW-01	Main disconnect switch	[20]

<u>MOTOR INFO</u>	
EXHAUST	1.5HP-208V-1P-10.2FLA

<u>ELECTRICAL INFORMATION</u>	
MOTOR/CONTROL	MCA: 12.8A
MOTOR/CONTROL	MCP: 20A

NOTES
 ----- DENOTES FIELD WIRING
 _____ DENOTES INTERNAL WIRING

<u>WIRE COLOR</u>	
BK - BLACK	YW - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PR - PURPLE
RD - RED	PK - PINK
WH - WHITE	

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23

ELECTRICAL PREWIRE PACKAGE

JOB NAME [REDACTED]

DATE 4/12/2012

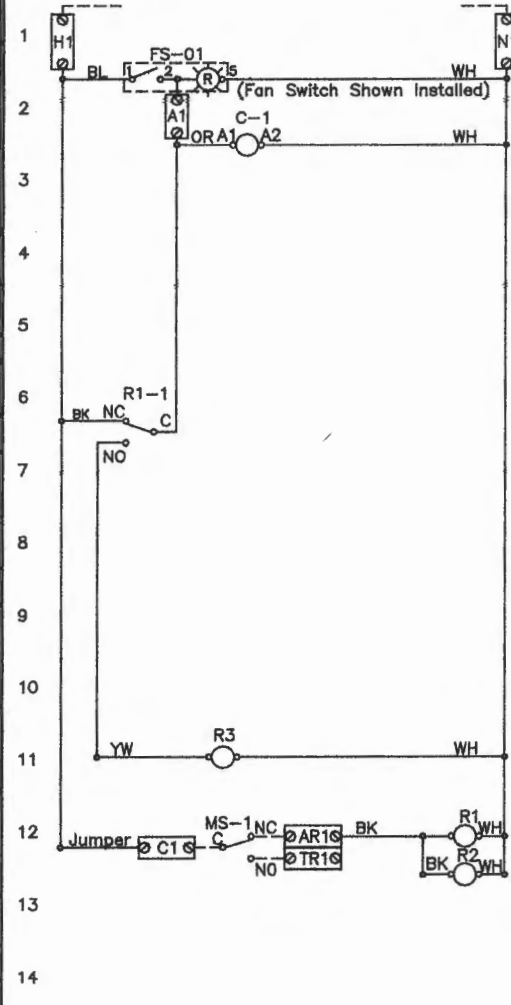
DRAWING NUMBER 21011028

JOB NUMBER 671858

DRAWN BY

CONTROL INPUT 120VAC H1=LINE, N1=NEUTRAL 15A BKR - DO NOT WIRE TO SHUNT TRIP BREAKER

220V/1Ph, W/ 1 Exhaust Fan, Relay w/ 2 -DPDT On/Off w/ Supply Fan, Exhaust on in fire condition

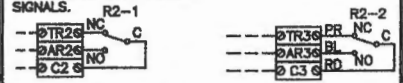


COMPONENT PARTS LIST

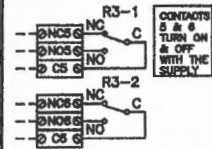
LABEL	DESCRIPTION
C-x	Contact
ST-x	Starter
OL-x	Overload
FS-xx	Fan Switch (Lighted)
LS-xx	Light Switch
L	Hood Light(s)
MS-x	MicroSwitch (Aneul/PyroChem)
Rx	Relay DPDT - 34.110.0184.0 + Socket

SPARE FIRE DRY CONTACTS

SPARE RELAY CONTACTS USED WHEN FIRE SYSTEM DISCHARGES TO SHUT DOWN SHUNT TRIP, EQUIPMENT... OR PROVIDE SIGNALS.



TR: Tripped, AR: Armed, C: Common



Rx RELAY SOCKET STYLE "CLION"

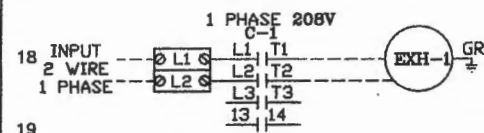
C-RD	NO	4	3
NO-BL	NC	2	1
NC-BR	COM	8	7
	COM	9	9

MS-x	MicroSwitch
C-RD	
NO-BK	
NC-BR	

15 LIGHT INPUT 120VAC H2-H5=LINE, N2-N5=NEUTRAL 15A BKR (MAX 1400W PER CIRCUIT)



MOTOR	TAG	PH VLT	HP	FLA	BRK
Exh-1		1 208	1.5	10.2	15A



NOTES

----- DENOTES FIELD WIRING
----- DENOTES INTERNAL WIRING

WIRE COLOR

BK - BLACK YW - YELLOW
 BL - BLUE GY - GRAY
 BR - BROWN PR - PURPLE
 OR - ORANGE OR/BL -ORANGE/BLUE (STRIPE)
 RD - RED BL/RD - BLUE/RED (STRIPE)
 WH - WHITE RD/GN - RED/GREEN (STRIPE)

DRAWING SHOWN DE-ENERGIZED
NOTE: IF WALL MOUNT PREWIRE, OR FIELD INSTALLED FIRE SYSTEM MICROSWITCH, THE TERMINALS SHOWING FACTORY WIRING MUST BE FIELD WIRED.

12 x 18 x 6 Box

CONTROL PANEL INSTALLATION

JOB NAME Ricetta's

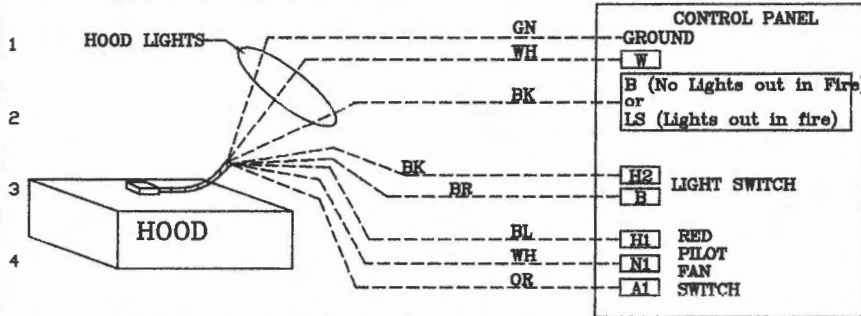
DATE 4/12/2012

DRAWING NUMBER 21011028

JOB NUMBER 671858

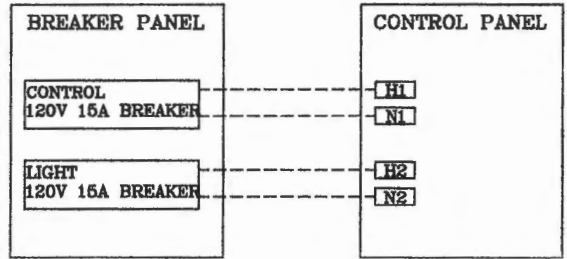
DRAWN BY

HOOD TO CONTROL PANEL

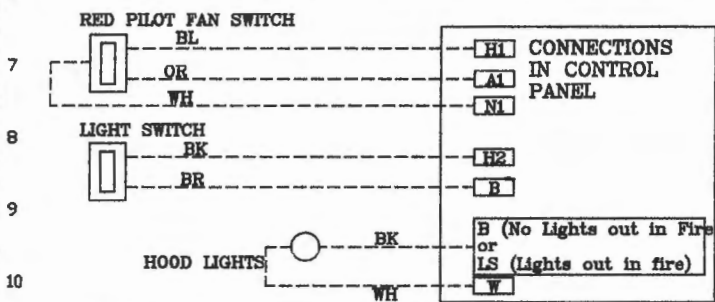


Light switch and fan switch mounted on the face of the hood and control panel mounted separately then field wire to the control panel as shown.

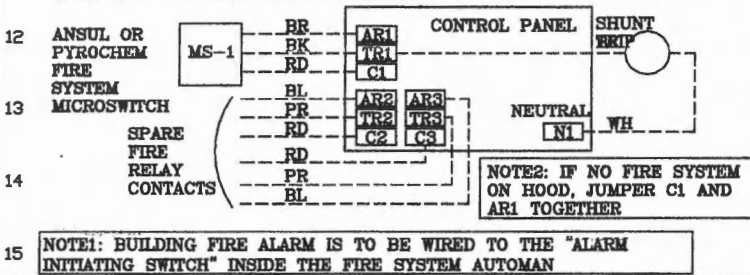
POWER FEED FOR CONTROLS AND LIGHTING



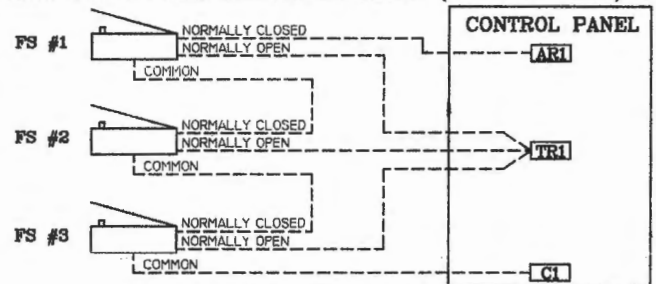
FIELD WIRED SWITCHES TO CONTROL PANEL



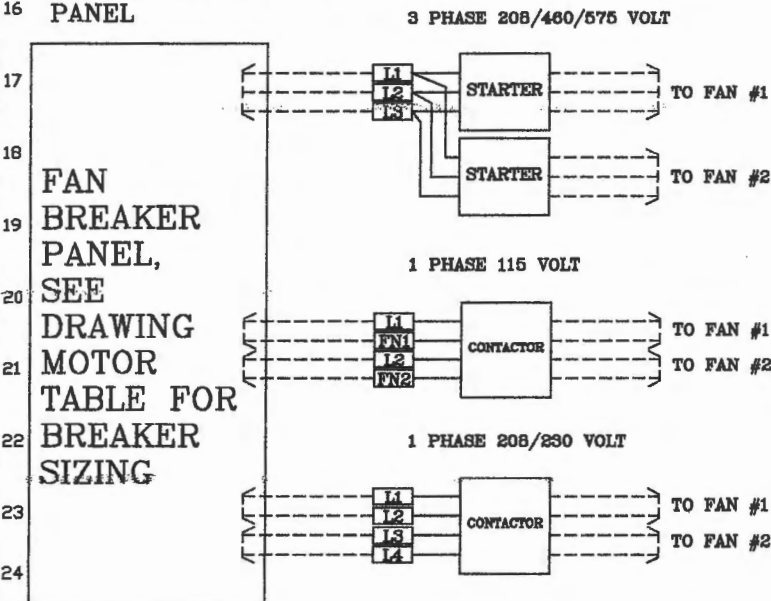
FIRE SYSTEM MICROSWITCH WIRING TO CONTROL PANEL 120VAC SHUNT TRIP BREAKER WIRING



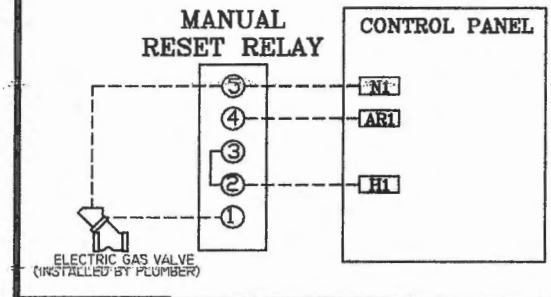
MICRO-SWITCHES WIRING WHEN MULTIPLE FIRE SYSTEMS CONNECTED TO ONE ELECTRICAL PANEL (3 SHOWN HERE)



FAN WIRING TO CONTROL PANEL



ELECTRIC GAS VALVE WITH RESET RELAY



- NOTES
- DENOTES FIELD WIRING
 - DENOTES INTERNAL WIRING
- WIRE COLOR
- BK - BLACK
 - BL - BLUE
 - BR - BROWN
 - OR - ORANGE
 - RD - RED
 - WH - WHITE
 - GN - GREEN
 - YV - YELLOW
 - GY - GRAY
 - PR - PURPLE
 - OR/BL - ORANGE/BLUE (STRIPE)
 - BL/RD - BLUE/RED (STRIPE)
 - RD/GN - RED/GREEN (STRIPE)

MUA FAN INFORMATION

FAN UNIT NO.	FAN UNIT MODEL #	BLOWER	HOUSING	TAG	CFM	ESP.	RPM	HP.	#	VOLT	FLA	WEIGHT (LBS.)	SONES
1	INLINE2-G15	G15-PB	INLINE2		2600	0.500	576	1.000	1	115	14.0	309.45	5

FAN OPTIONS

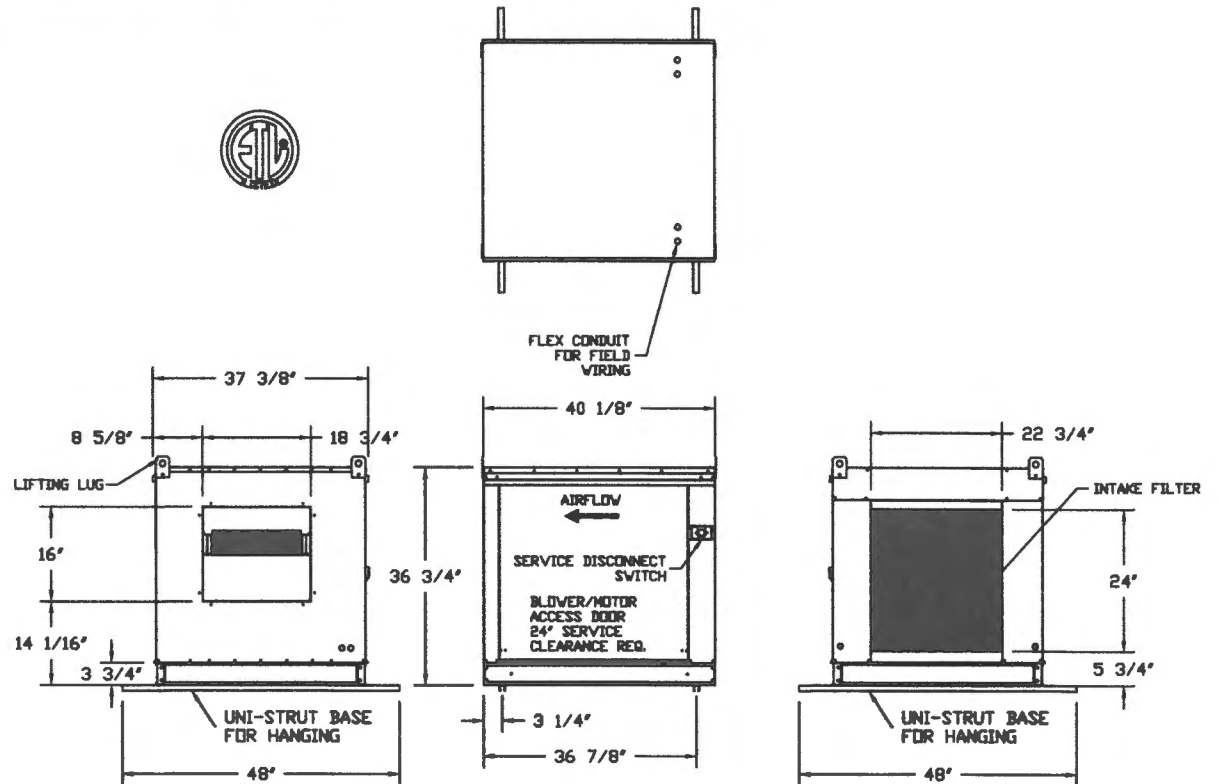
FAN UNIT NO.	OPTION (Qty. - Desc.)
1	1 - Vibration Isolation Ceiling Hangers for INLINE fans (set of 4)

FAN ACCESSORIES

FAN UNIT NO.	FAN UNIT TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1					YES			

FAN #1 INLINE2-G15 - SUPPLY FAN

1. INLINE SUPPLY UNIT W/ 15" BLOWER IN SIZE #2 HOUSING. INSULATED HOUSING.
2. SIDE DISCHARGE - AIR FLOW RIGHT -> LEFT
3. VIBRATION ISOLATION CEILING HANGERS FOR INDOOR UN-TEMPERED FANS (SET OF 4).



CAPTIVE AIR

JOB	Union Wharf		
LOCATION	FAIRFIELD, ME		
DATE	9/24/2012	JOB #	1618496
DWG #	2	DRAWN BY	BFC-21
REV.		SCALE	3/8" = 1'-0"

HOOD INFORMATION

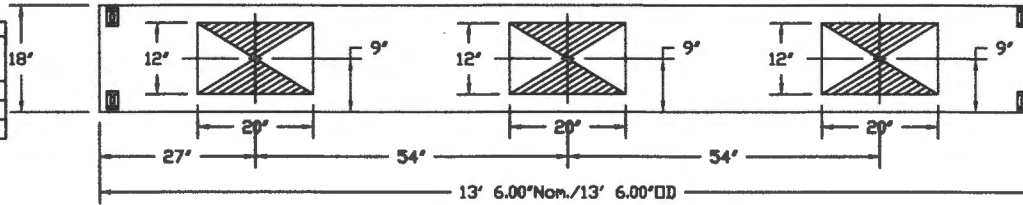
HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM RISER(S)					SUPPLY PLENUM RISER(S)					HOOD CONSTRUCTION	HOOD CONFIG.		
				TOTAL EXH. CFM	WIDTH	LENG.	DIA.	CFM	S.P.	TOTAL SUP. CFM	WIDTH	LENG.	DIA.		CFM	S.P.	END TO END
1	186 MISC-PSP	13' 6.00"	300 Deg.	0						2600					430 SS Where Exposed	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	FILTER(S)			LIGHT(S)			UTILITY CABINET(S)							FIRE SYSTEM PIPING	HOOD HANGING WGT
	TYPE	QTY.	HEIGHT	LENGTH	QTY.	TYPE	WIRE GUARD	LOCATION	FIRE SYSTEM		ELECTRICAL	SWITCHES			
1					0									NO	123 LBS

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
						WIDTH	LENG.	DIA.	CFM	S.P.
1	Front	162"	18"	6"	MJA	12"	20"		866	0.387"
					MJA	12"	20"		866	0.387"
					MJA	12"	20"		866	0.387"



PLAN VIEW - Hood #1
13' 6.00" LONG 186MISC-PSP



CAPTIVE AIR

JOB	Union Wharf		
LOCATION	FAIRFIELD, ME		
DATE	9/24/2012	JOB #	1618496
DWG #	1	DRAWN BY	BFC-21
REV.		SCALE	3/8" = 1'-0"

AirHandler Wiring

JOB NAME *Union Wharf*

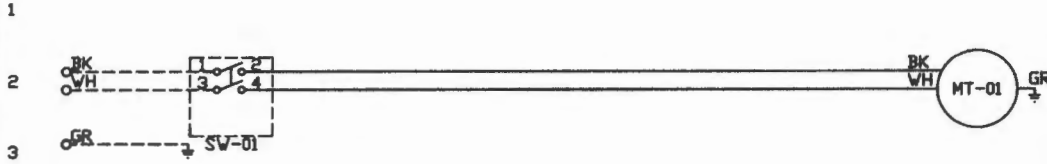
DATE 9/24/2012

DRAWING NUMBER A1618496-1

JOB NUMBER 1618496

MODEL INLINE2-G16

ATTENTION ELECTRICIAN
DROP FOR DISCONNECT CONNECTION IS FACTORY SUPPLIED
CONNECT POWER TO THE DROP



Installed Options

Component Identification

Label	Description	Location
MT-01	Supply motor	[2]

SW-01	Main disconnect switch	[2]
-------	------------------------	-----

SUPPLY	MOTOR INFO
	1HP-115V-1P-14.0FLA

ELECTRICAL INFORMATION
 MOTOR/CONTROL CIRCUIT MCA: 17.5A
 MOTOR/CONTROL CIRCUIT MOP: 30A

NOTES
 ----- DENOTES FIELD WIRING
 _____ DENOTES INTERNAL WIRING

WIRE COLOR

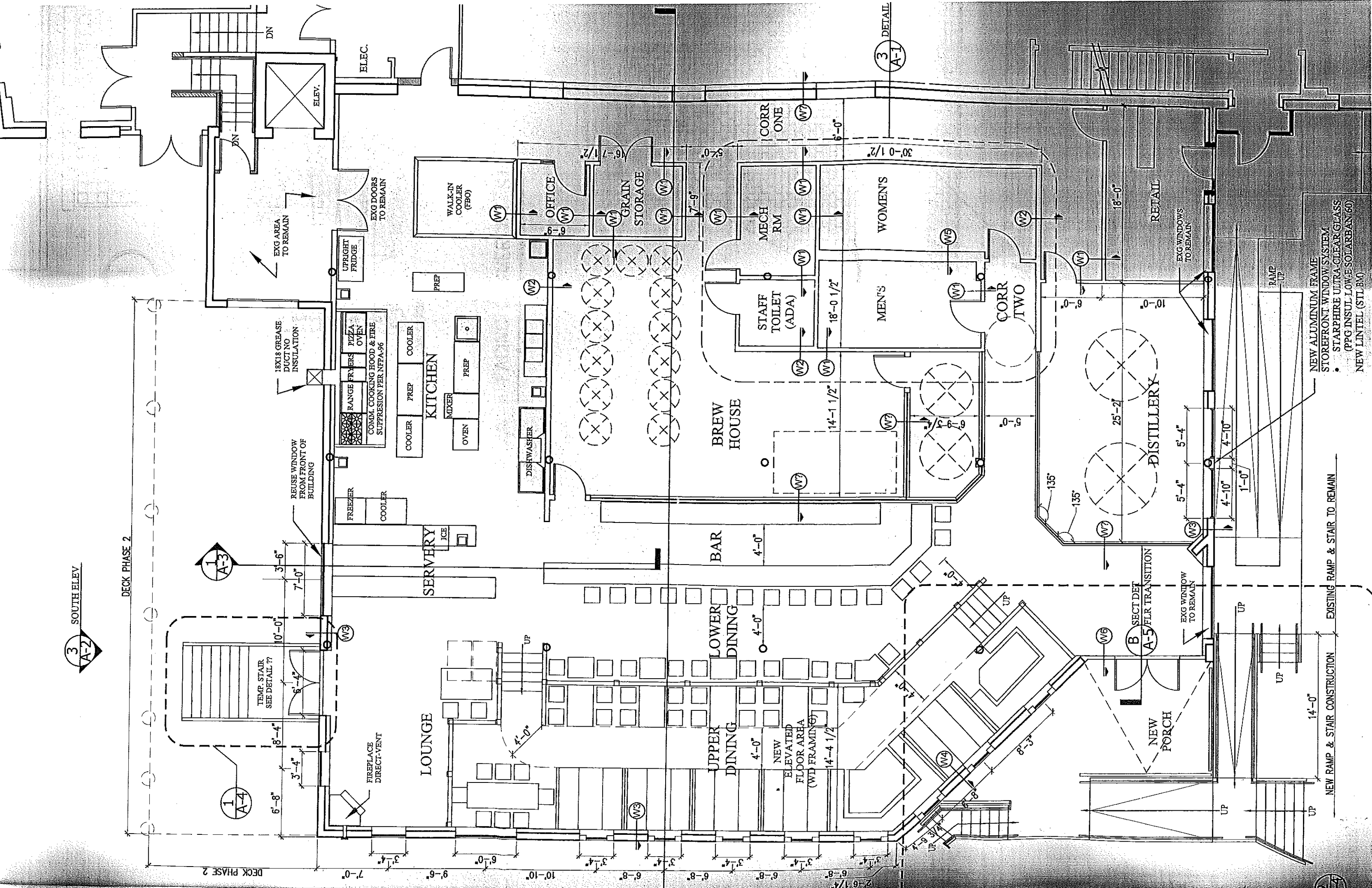
BK - BLACK	YV - YELLOW
BL - BLUE	GR - GREEN
BR - BROWN	GY - GRAY
OR - ORANGE	PR - PURPLE
RD - RED	PK - PINK
WH - WHITE	

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23

SOUTH ELEV
A-2
3

DECK PHASE 2

DECK PHASE 2



DN

ELEC.

DN

EXG AREA TO REMAIN

EXG DOORS TO REMAIN

18X18 GREASE DUCT NO INSULATION

REUSE WINDOW FROM FRONT OF BUILDING

FREEZER

COOLER

RANGE FRYERS

PIZZA OVEN

COMM. COOKING HOOD & FIRE SUPPRESSION PER NFPA-96

COOLER

PREP

COOLER

PREP

MIXER

OVEN

KITCHEN

PREP

PREP

DISHWASHER

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

W2

WALK-IN COOLER (WBCO)

OFFICE

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

W1

TEMP. STAIR SEE DETAIL 7

FIREPLACE DIRECT-VENT

LOUNGE

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UPPER DINING

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

LOWER DINING

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

BAR

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

BREW HOUSE

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

STAFF TOILET (ADA)

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

MECH RM

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

WOMEN'S

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

CORR ONE

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

WOMEN'S

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

UP

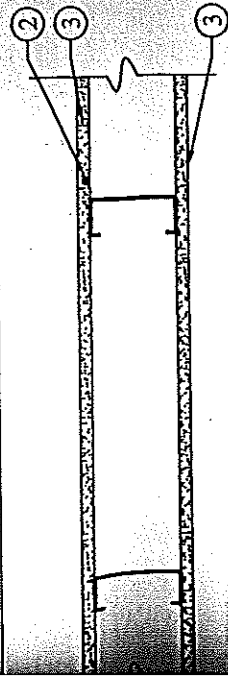
UP

UP

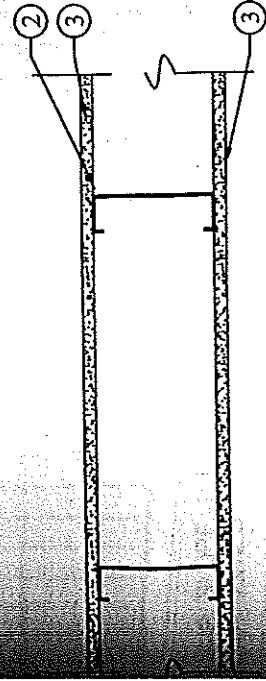
UP

UP

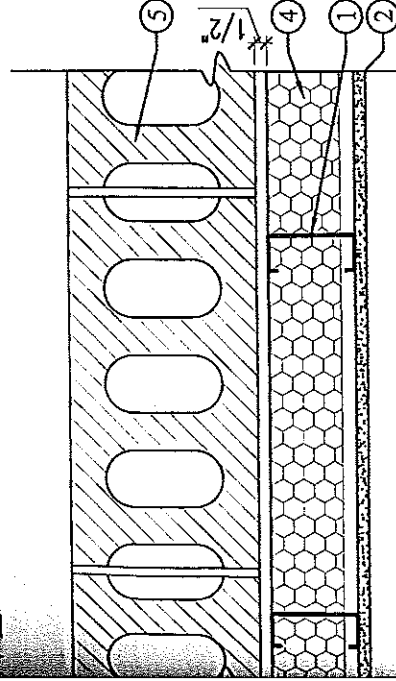
WALL TYPES



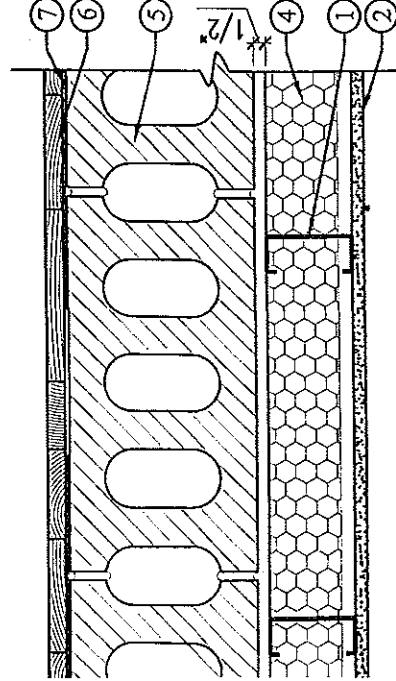
W1 TYPICAL UNRATED INTERIOR PARTITION



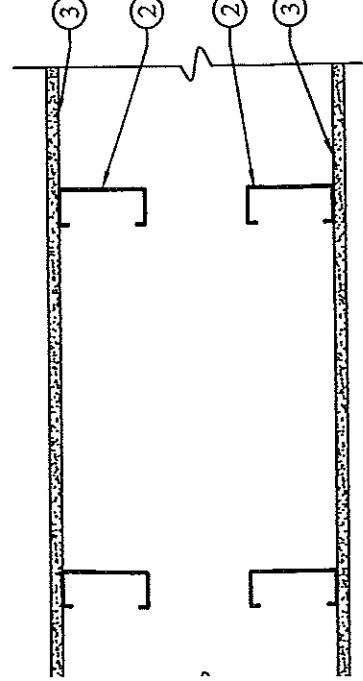
W2 TYPICAL UNRATED INTERIOR WET PARTITION



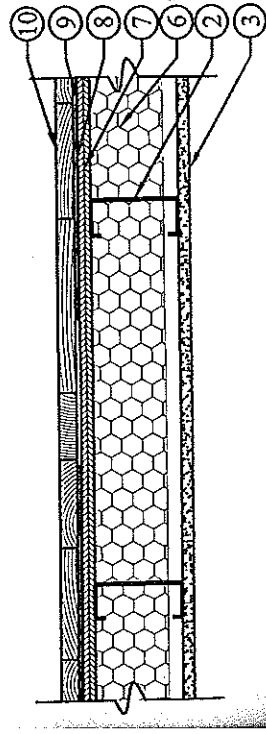
W3 INTERIOR GYP FINISH ON MASONRY WALL



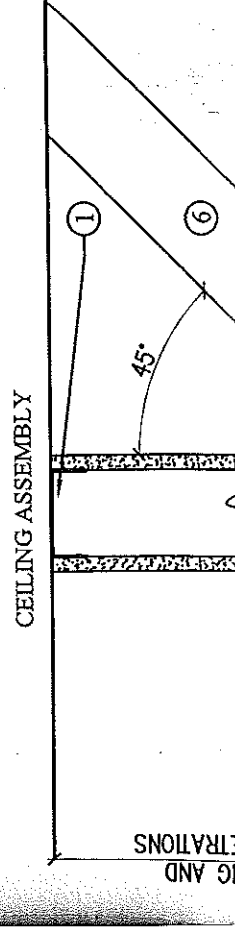
W4 INTERIOR GYP FINISH EXTERIOR WOOD FINISH ON MASONRY WALL



W5 WET WALL BETWEEN TOILETS



W6 VERTICAL WOOD EXTERIOR WALL



CEILING ASSEMBLY

W1 UNRATED PARTITION WALL ASSEMBLY

1. Floor and Ceiling Runners — Channel shaped, attached to floor and ceiling, with steel fasteners spaced 24 in. OC. Runners fabricated from min No. 25 MSG galv steel, 1-1/4 in. deep and 3-5/8 in. wide.
2. Steel Studs — Channel shaped, supplied with cutouts, friction -fitted into floor and ceiling runners and spaced a max 24 in. OC. Studs cut 1/2 in. less than assembly height and evenly staggered between the floor and ceiling runners. Studs fabricated from min No. 25 MSG galv steel, min 3-5/8 in. wide by 1-5/8 in. deep with 3/8 in. folded back return flange legs.
3. Gypsum Board — 5/8 in. thick, 4 ft wide, attached to steel studs with Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly 48 in. OC.
4. Joint Tape and Compound — 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. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.
5. Blocking - Blocking as needed for installation of door frames and baseboard trim.

W2 UNRATED WET PARTITION WALL ASSEMBLY

1. Floor and Ceiling Runners — Channel shaped, attached to floor and ceiling, with steel fasteners spaced 24 in. OC. Runners fabricated from min No. 25 MSG galv steel, 1-1/4 in. deep and 5-5/8 in. wide.
2. Steel Studs — Channel shaped, supplied with cutouts, friction -fitted into floor and ceiling runners and spaced a max 24 in. OC. Studs cut 1/2 in. less than assembly height and evenly staggered between the floor and ceiling runners. Studs fabricated from min No. 25 MSG galv steel, min 5-5/8 in. wide by 1-5/8 in. deep with 3/8 in. folded back return flange legs.
3. Gypsum Board — 5/8 in. thick, 4 ft wide, attached to steel studs with Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly 48 in. OC.
4. Joint Tape and Compound — 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. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.
5. Blocking - Blocking as needed for installation of door frames and baseboard trim.

W3 GYP FINISHED WALL AT EXISTING EXTERIOR MASONRY WALL

1. Metal Studs — 3 5/8 in. with 3 5/8 in. top and bottom plates. Wall plate set 1/2" off face of existing masonry wall.
2. Gypsum Board — 5/8 in. thick, attached to metal studs with Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly 48 in. OC.
3. Joint Tape and Compound — 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. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.
4. Insulation — Closed-cell spray foam insulation to a min. depth of 3" inches.
5. Existing Masonry wall

W4 GYP AND WOOD FINISHED WALL AT EXISTING EXTERIOR MASONRY WALL

1. Metal Studs — 3 5/8 in. with 3 5/8 in. top and bottom plates. Wall plate set 1/2" off face of existing masonry wall.
2. Gypsum Board — 5/8 in. thick, attached to metal studs with Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly 48 in. OC.
3. Joint Tape and Compound — 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. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.
4. Insulation — Closed-cell spray foam insulation to a min. depth of 3" inches.
5. Existing Masonry wall
6. WOOD — With metal strapping for whiskey barrel look.
7. Rainscreen Matrix - Rainscreen wall system comprised of a positively draining open matrix type pressure-moderated air space of min. 1/4 in., vented at top and bottom of the wall.

W5 UNRATED WET PARTITION WALL ASSEMBLY

1. Floor and Ceiling Runners — Channel shaped, attached to floor and ceiling, with steel fasteners spaced 24 in. OC. Runners fabricated from min No. 25 MSG galv steel, 1-1/4 in. deep and 3-5/8 in. wide.
2. Steel Studs — Channel shaped, supplied with cutouts, friction -fitted into floor and ceiling runners and spaced a max 24 in. OC. Studs cut 1/2 in. less than assembly height and evenly staggered between the floor and ceiling runners. Studs fabricated from min No. 25 MSG galv steel, min 3-5/8 in. wide by 1-5/8 in. deep with 3/8 in. folded back return flange legs.
3. Gypsum Board — 5/8 in. thick, 4 ft wide, attached to steel studs with Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly 48 in. OC.
4. Joint Tape and Compound — 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. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.
5. Blocking - Blocking as needed for installation of fixtures.

W6 VERTICAL WOOD EXTERIOR WALL ASSEMBLY

1. Floor and Ceiling Runners — Channel shaped, attached to floor and ceiling, with steel fasteners spaced 24 in. OC. Runners fabricated from min No. 25 MSG galv steel, 1-1/4 in. deep and 3-5/8 in. wide.
2. Steel Studs — Channel shaped, supplied with cutouts, friction -fitted into floor and ceiling runners and spaced a max 24 in. OC. Studs cut 1/2 in. less than assembly height and evenly staggered between the floor and ceiling runners. Studs fabricated from min No. 25 MSG galv steel, min 3-5/8 in. wide by 1-5/8 in. deep with 3/8 in. folded back return flange legs.
3. Gypsum Board — 5/8 in. thick, 4 ft wide, attached to steel studs with Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly 48 in. OC.
4. Joint Tape and Compound — 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. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.
5. Blocking - Blocking as needed for installation of door frames and baseboard trim.
6. Insulation — Closed-cell spray foam insulation to a min. depth of 3" inches.
7. Wood Structural Panel Sheathing — Min 7/16 in. thick, 4 ft wide wood structural panels, min grade "C-D" or "Sheathing" . Installed with long dimension of sheet (strength axis) or face grain of plywood parallel with or perpendicular to studs. Vertical joints centered on studs. Horizontal joints backed with nom 2 by 6 in. wood blocking.
8. Air/Moisture Barrier - Building Wrap
9. Rainscreen Matrix - Rainscreen wall system comprised of a positively draining open matrix type pressure-moderated air space of min. 1/4 in., vented at top and bottom of the wall.
10. WOOD — With metal strapping for whiskey barrel look.

W7 INTERIOR GLASS VIEWING WALL ASSEMBLY

FIREPLACE VENT

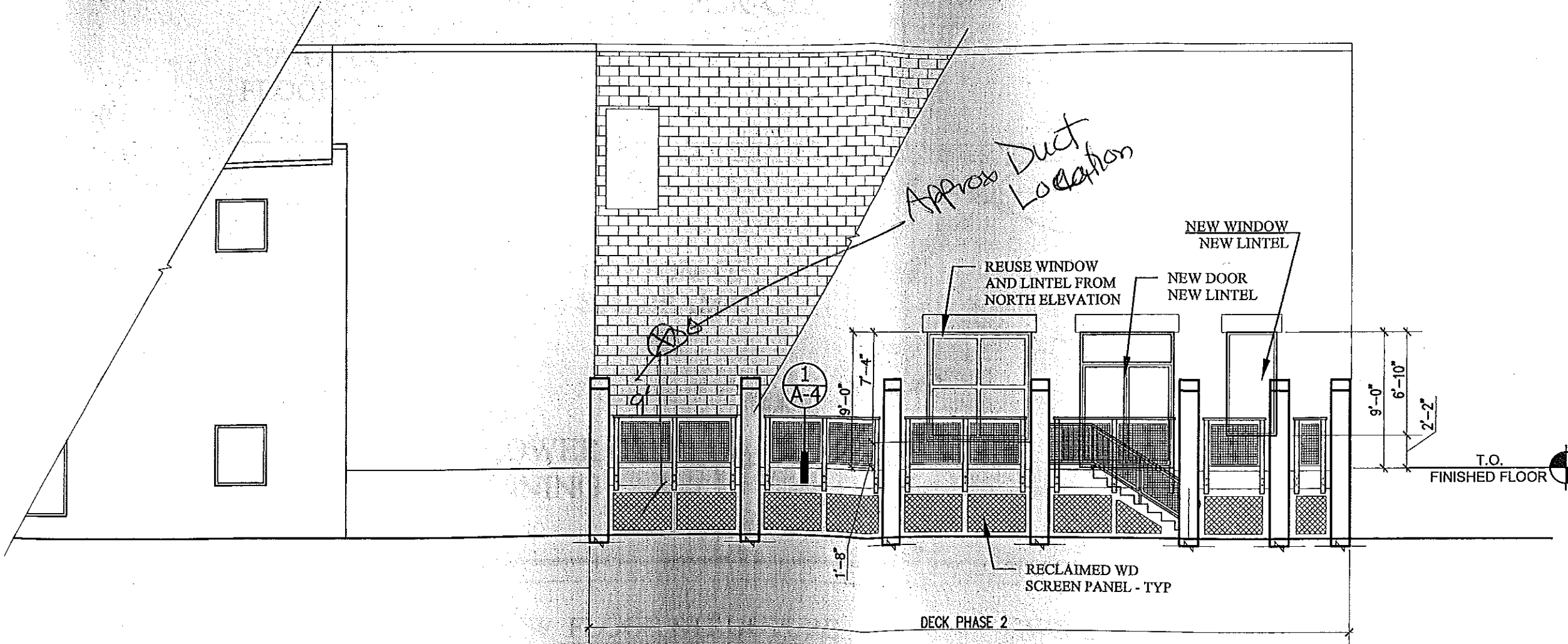
5
A-4

DECK PHASE 2

NEW WINDOW
NEW LINTEL
TYP (5)

NEW PORCH, STAIRS, RAMPS AND GUARDRAILS
SEE 1A & 2A/A-2

2 | EAST ELEVATION - FACING UNION WHARF
SCALE: 1/8"=1'-0"



INSULATE PIPES
CLEARANCE ENVELOPE

3 | SOUTH ELEVATION - FACING CASCO BAY (WATER)
SCALE: 1/8"=1'-0"

4 | ADA SINK S
SCALE: 1/4"=