

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:
		Fire Dept: 11/29/12 <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied N/A	Inspection: Use Group: A-2/F-1 Type: hood MUBEC69 B
Proposed Project Description: install kitchen hood & exhaust system		Pedestrian Activities District (P.A.D.) Signature: <i>[Signature]</i> (58) Date: 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>	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan ___ Maj ___ Min ___ MM Date: 11/19/12 OK <i>ABM</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 <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 Date: <i>ABM</i>

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

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.

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**

SCANNED

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.**

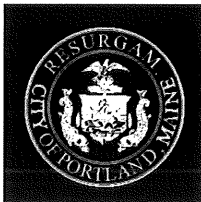
Footings/Setbacks prior to pouring concrete

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

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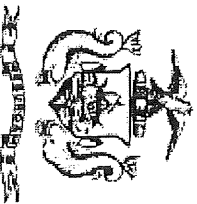
Director of Planning and Urban Development
Jeff Levine

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.



Certificate of Occupancy

CITY OF PORTLAND, MAINE

Department of Planning and Urban Development
Building Inspections Division



Location: 250 COMMERCIAL ST
 Issued To: Cm Waterfront Properties Llc

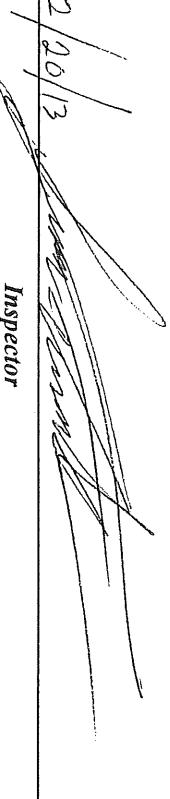
CBL: 031 L034001
 Issued Date: 02/20/2013

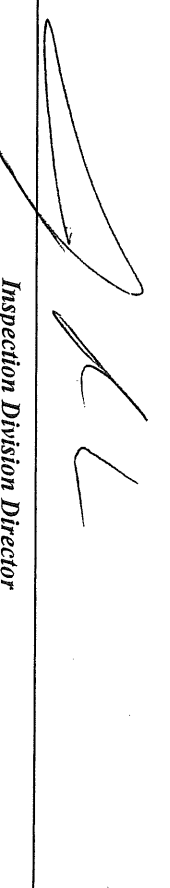
This is to certify that the building, premises, or part thereof, at the above location, built-altered-changed as to use under Building Permit No. 201250057 has had a final inspection, has been found to conform substantially to the requirements of the Building Code and the Land Use Code of the City of Portland, and is hereby approved for occupancy or use, limited or otherwise, as indicated below.

PORTION OF BUILDING OR PREMISES
 Brewery (Front Left)

APPROVED OCCUPANCY
 USE GROUP: A-2 / F1 / F2 / B
 TYPE: 3B
 IBC 2009 (MUBEC)

LIMITING CONDITIONS: This is a Temporary C of O for the Brewery only.
 Expires on 3/22/2013
 For Infiniti Fermentation & Distillation

Approved: 2/20/13 
 Inspector


 Inspection Division Director

Notice: This certificate identifies the legal use of the building or premises, and ought to be transferred from owner to owner upon the sale of the property.



WC2 original 207-05-3963 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' fait: 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>Malcombes 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

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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 ~~None~~ 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

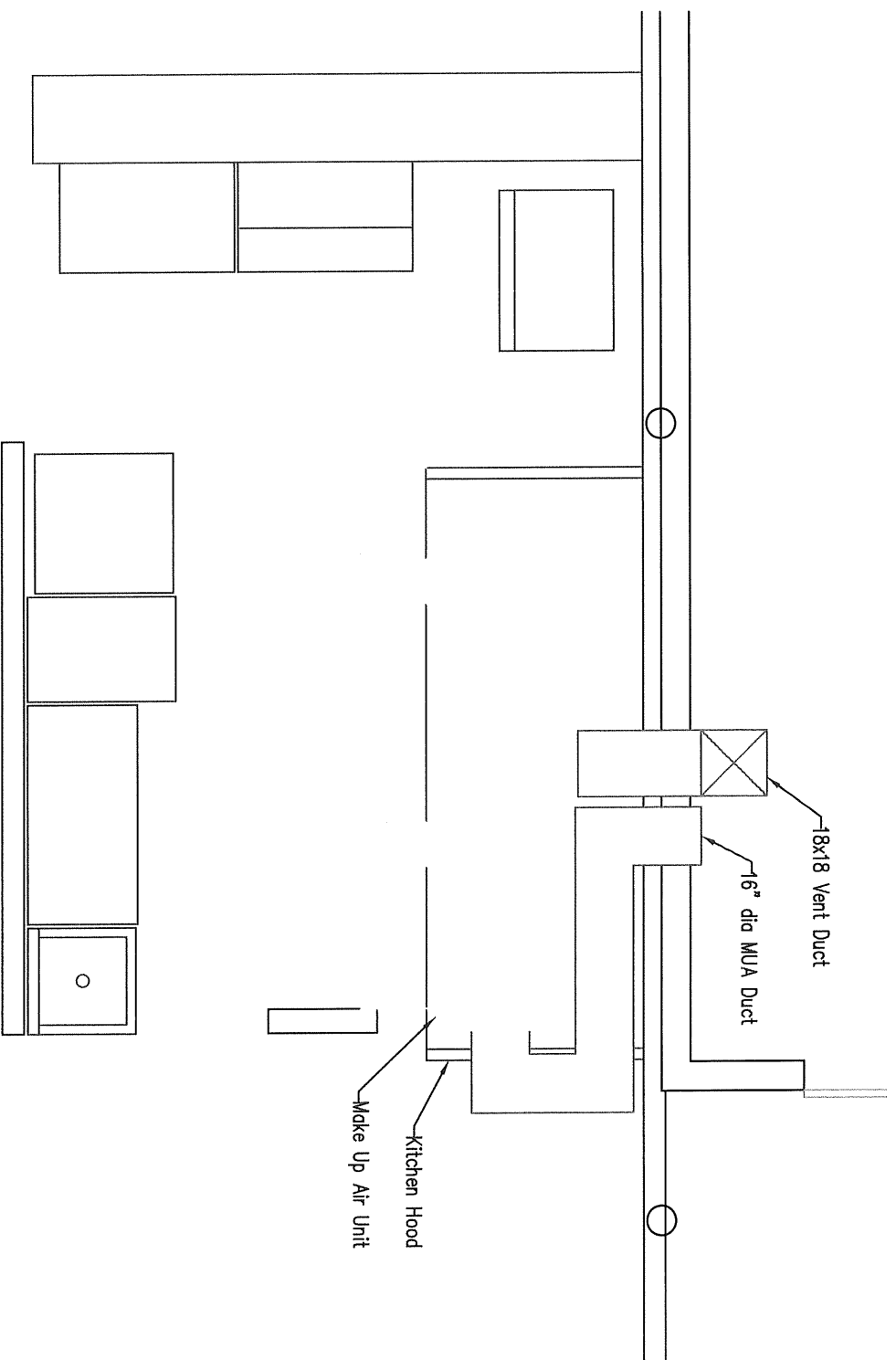
Style of Hood Type 1 Captive Aire

Type of Filter Baffle Stainless

Height of filter above nearest cooking surface 3 ft.

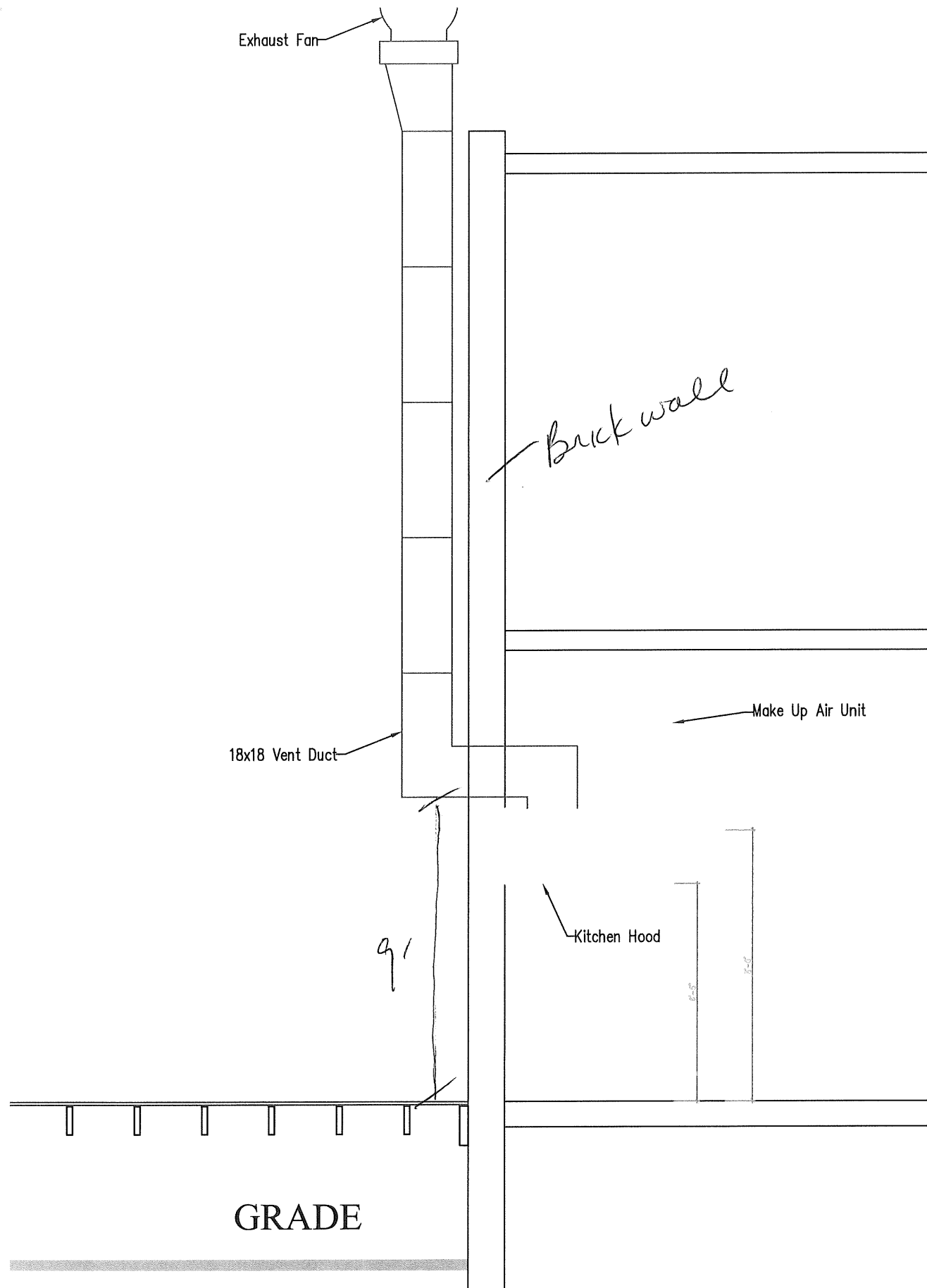
Capacity of hood CFM 4500 CFM

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

Infiniti Fermentation & Distillation
250 Commercial St

GC - Don Michaud 939-9108

President - Eric Michaud 756-4454

Kitchen Hood Installation:

J & M Enterprises
330 Neck Rd
China ME

Mike Daves 592-2540 cell
968-2729 office

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Dept. of Building Inspections
City of Portland Maine

HOOD INFORMATION

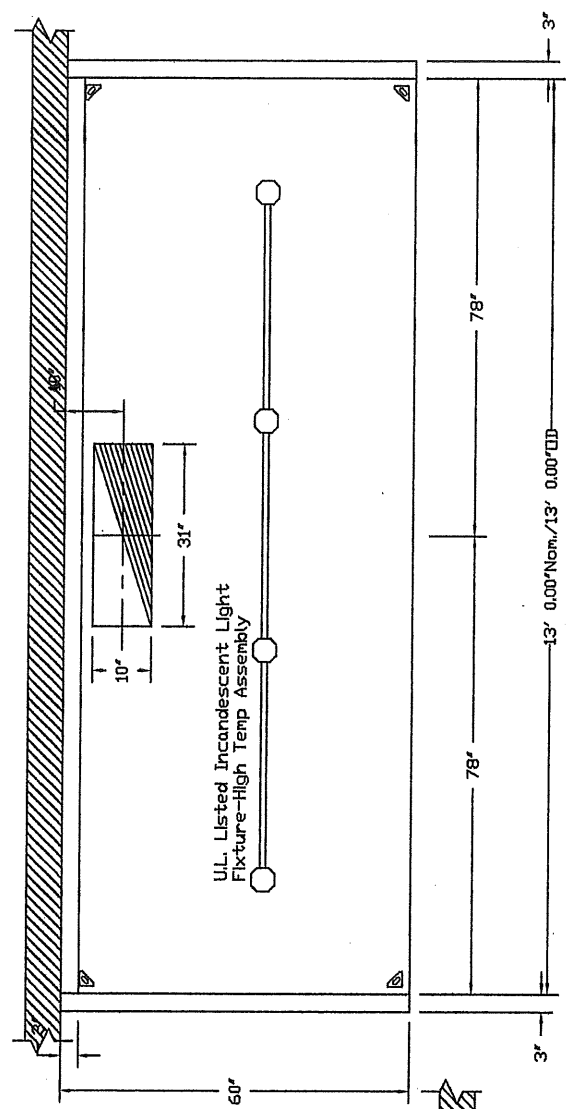
HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST FLENUM RISERS(S)		TOTAL SUP. CFM		SUPPLY FLENUM RISERS(S)		HOOD CONSTRUCTION	HOOD END TO END	HOOD CONSOLE RVDV
				WIDTH	LENG.	DIA.	CFM	WIDTH	LENG.			
1	6024 ND-2	13' 0.00"	450 Deg.	10"	31'	3250	-134"	0		430 SS		

HOOD INFORMATION

HOOD NO.	TYPE	QTY.	HEIGHT	LENGTH	QTY.	TYPE	LIGHTS(S)		WIRE GUARD	LOCATION	TYPE	FIRE SYSTEM	SIZE	ELECTRICAL MODEL #	SWITCHES LOCATION	QUANTITY	FIRE SYSTEM PIPING	HOOD HANGING	WGHT
							TYPE	TYPE											
1	Stainless Steel Chg E	1	16"	16"	4	Incandescent Light Fxt			NO										496 LBS

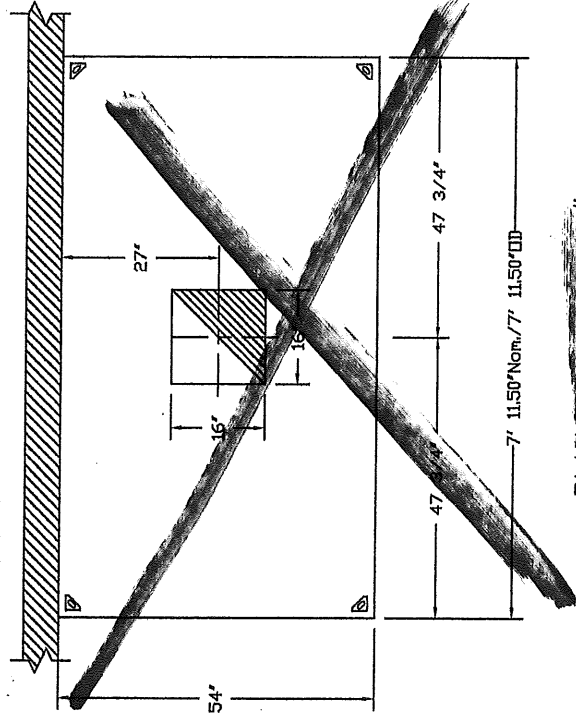
HOOD OPTIONS

HOOD NO.	OPTION
1	FIELD WRAPPER 18.00' High Front
	BACKSPASH 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
	BACKSPASH - INSIDE CORNER 80.00' High X 4.00' Leg Length 430 SS
	BACKSPASH - INSIDE CORNER 80.00' High X 4.00' Leg Length 430 SS



PLAN VIEW - Hood #1
13' 0.00" LONG 6024ND-2

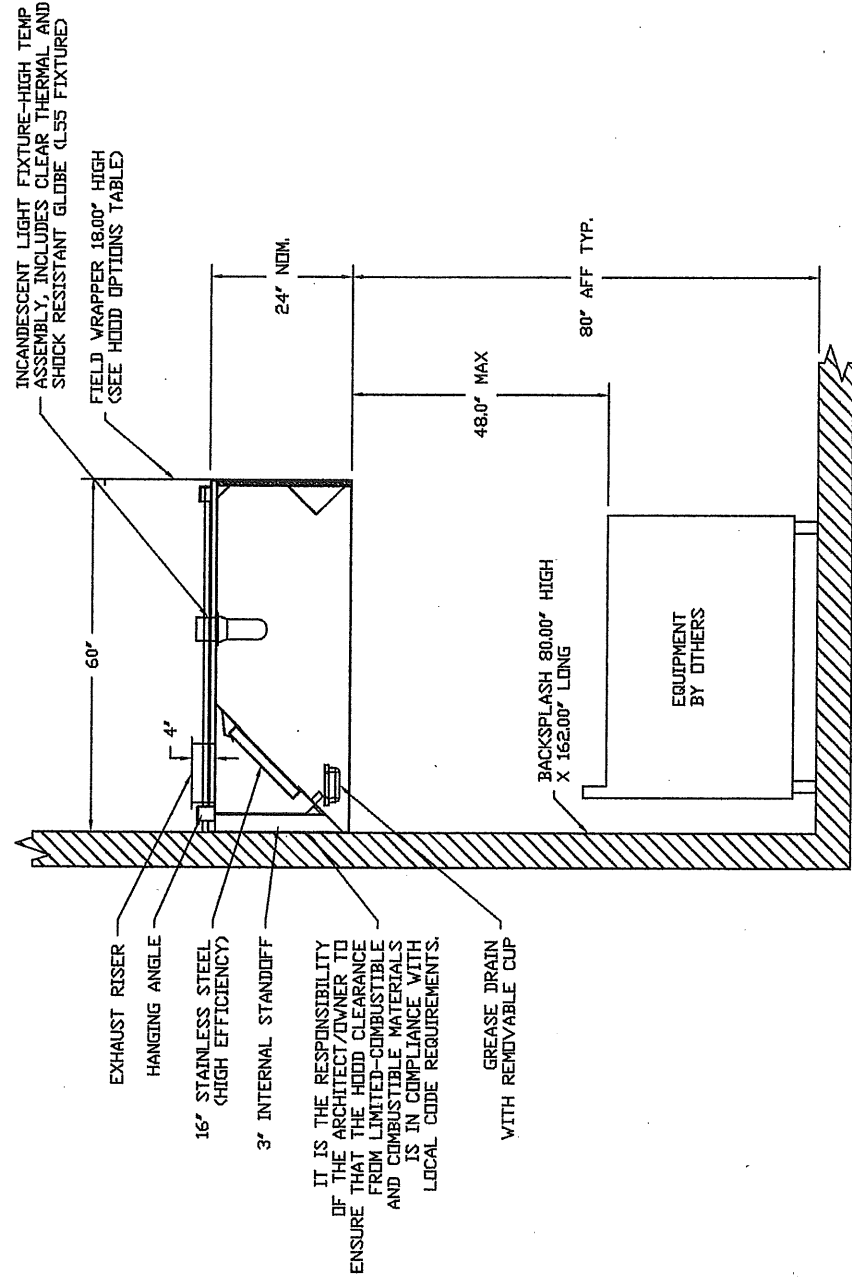
NOTE: Additional hanging angles provided for hoods longer than 12 ft.



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

CAPTIVE FIRE

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



SECTION VIEW -- MODEL 6024ND-2



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

EXHAUST FAN INFORMATION

FAN UNIT NDL	FAN UNIT MODEL #	MODEL	TAG	CFM	ESP.	RPM	HP.	#	VOLT	FLA	WEIGHT (LBS)
1	NCA16FA	NCA16FA		3250	1.250	1175	1.500	1	208	10.2	152.41

FAN OPTIONS

FAN UNIT NDL	OPTION Qty. - Descr.
1	1 - Grease Box

FAN ACCESSORIES

FAN UNIT NDL	EXHAUST		SUPPLY	
	GREASE CUP	GRAVITY DAMPER	WALL MOUNT	MOTORIZED DAMPER
1				

CURB ASSEMBLIES

NDL	DN FAN	WEIGHT	ITEM	SIZE
1	# 1	41 LBS	Curb	26.500"V x 26.500"L x 20.000"H Vented Hinged

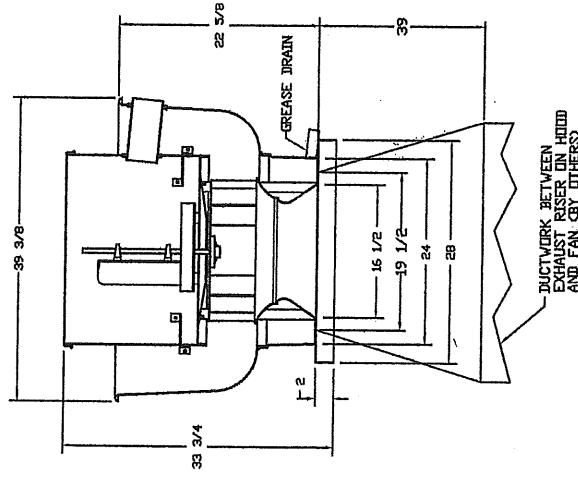
ELECTRICAL PACKAGES

NDL TAG	PACKAGE #	LOCATION	SWITCHES		ROOFTOP STARTERS	OPTION	FANS CONTROLLED				
			LOCATION	QUANTITY			TYPE	#	HP.	VOLT	FLA
1	210102B	Wall Mount In SS Box	SS Wall Mount Box	1 Light 1 Fan		Exhaust In Ftr, Relay w/ 2-TPDT w/ Sup Fan	Exhaust	1	1.500	208	10.2



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

FAN #1 NCA16FA - EXHAUST FAN



DUCTWORK BETWEEN EXHAUST RISER ON HOOD AND FAN (BY OTHERS)

FEATURES:

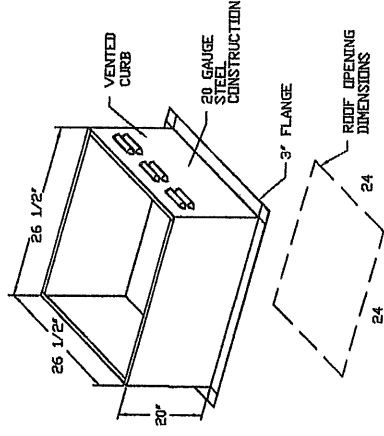
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL755 AND UL762
- AHCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

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.

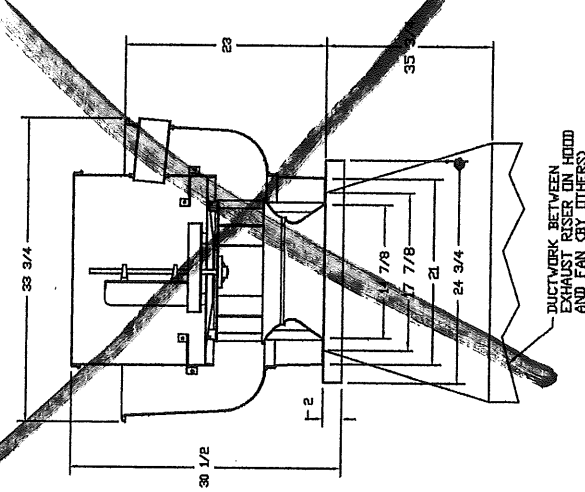
ABNORMAL FLARE-UP TEST
 EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS:

- I GREASE BOX



FAN #2 NCA14FA - EXHAUST FAN



DUCTWORK BETWEEN EXHAUST RISER ON HOOD AND FAN (BY OTHERS)

FEATURES:

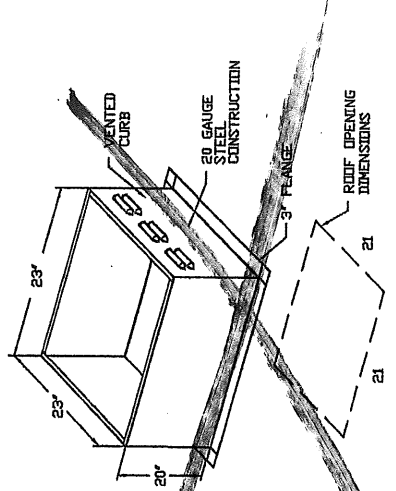
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL755 AND UL762
- AHCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
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OPTIONS:

- I 19-BDD DAMPER



CAPTIVE

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

Exhaust Fan Wiring

JOB NAME [REDACTED]

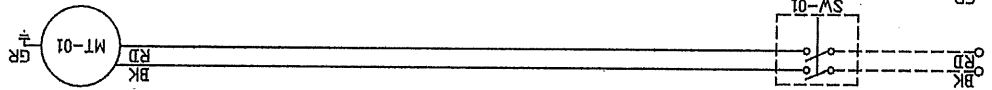
DATE 3/31/2008

DRAWING NUMBER EXH671858-1

JOB NUMBER 671858

MODEL NGA08FA

Installed Options



Component Identification
Label Description Location
MT-01 Fan Motor [20]

SW-01 Main disconnect switch [20]

MOTOR INFO
EXHAUST 1.5HP-208V-1P-10.2FLA

ELECTRICAL INFORMATION
MOTOR/CONTROL HOP: 20A

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

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ELECTRICAL PREWIRE PACKAGE

DRAWING NUMBER 21011028

JOB NUMBER 671858

DRAWN BY

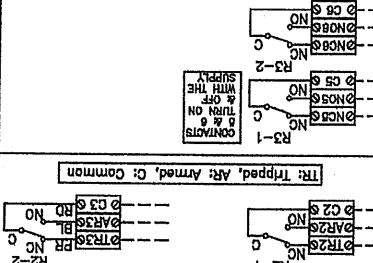
DATE 4/12/2012

CONTROL INPUT 120VAC H1=LINE, N1=NEUTRAL 15A BKR - DO NOT WIRE TO SHUNT TRIP BREAKER
 Relay w/ 2 -DPDT On/Off w/ Supply Fan, Exhaust on in fire condition

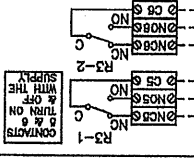
COMPONENT PARTS LIST

- L-xx Light Switch
- LS-xx Fan Switch (Lighted)
- OL-x Overload
- ST-x Starter
- C-x Contactor
- Label Description
- MS-x Microswitch (Annu./PyroChem)
- RK Relay DPDT - 34.110.0184.0 + Socket

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



TR1 Tripped, Aff: Armed, C: Common



RK RELAY SOCKET STYLE

MS-x	Microswitch	NO	1
C-RD	NO-BK	NO	2
NO-BK	NO	NO	3
COM	5	COM	5

MOTOR TAG	PH VLT	HP	PIA	BKR
Exh-1	1.208	1.5	10.2	15A

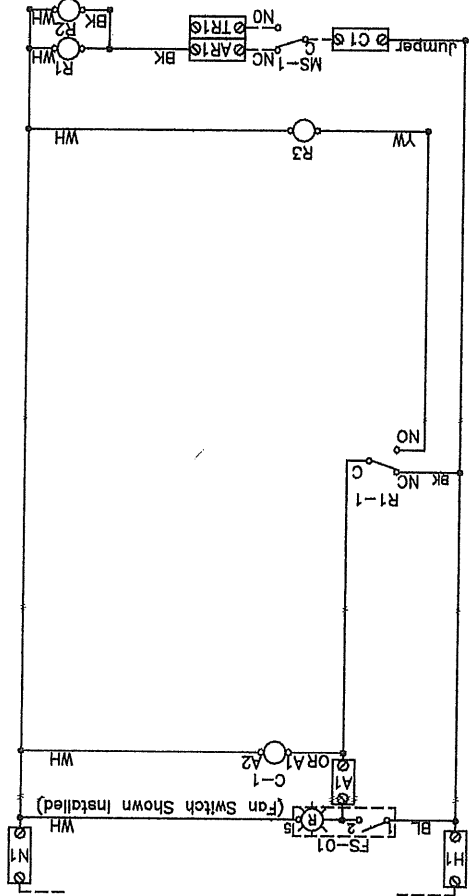
NOTES

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

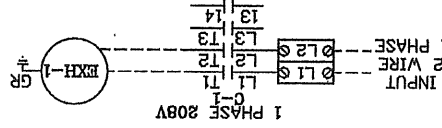
- BK - BLACK
- YW - YELLOW
- GY - GRAY
- BL - BLUE
- BR - BROWN
- PR - PURPLE
- OR - ORANGE
- OR/BL - ORANGE/BLUE (STRIP)
- BL/RD - BLUE/RED (STRIP)
- RD - RED
- WH - WHITE
- RD/GRN - RED/GREEN (STRIP)

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

12 x 18 x 6 Box

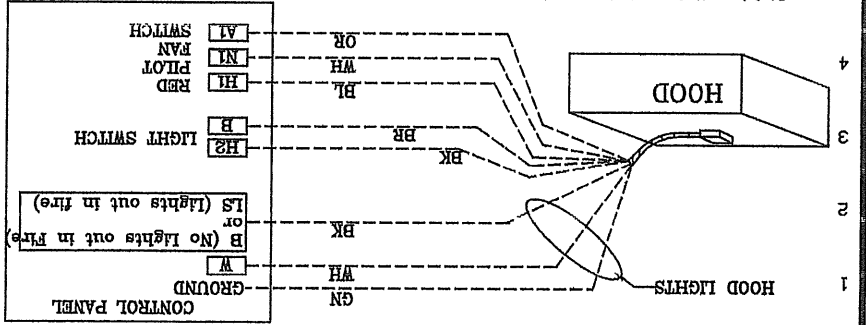


LIGHT INPUT 120VAC H2-H5=LINE, N2-N5=NEUTRAL 15A BKR (MAX 1400W PER CIRCUIT)

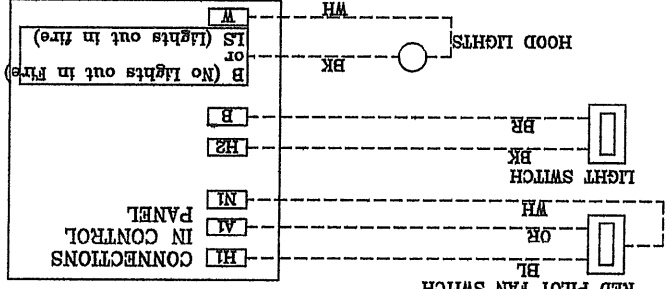


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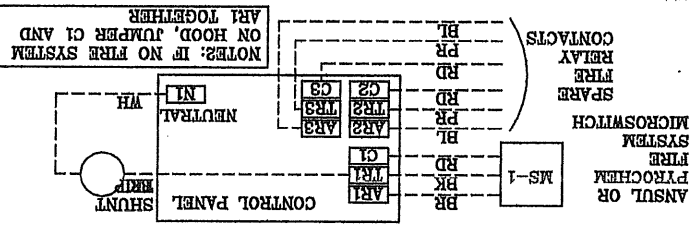
HOOD TO CONTROL PANEL



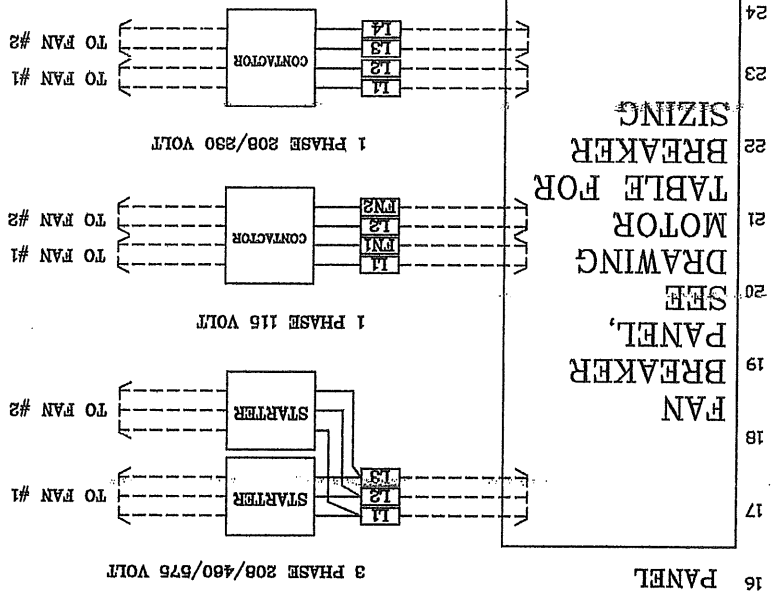
FIELD WIRED SWITCHES TO CONTROL PANEL



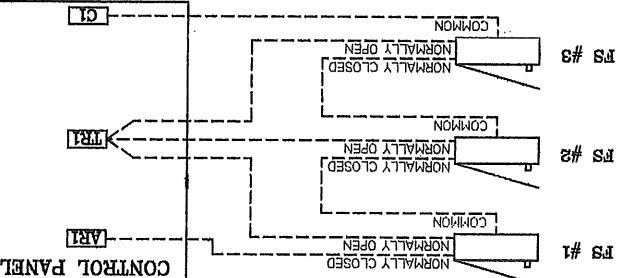
FIRE SYSTEM MICROSWITCH 120VAC SHUNT TRIP BREAKER WIRING



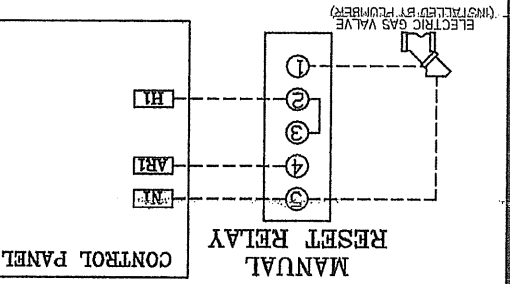
FAN WIRING TO CONTROL PANEL



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



ELECTRIC GAS VALVE WITH RESET RELAY



NOTES

- WIRE COLOR
- DK - BLACK
- YV - YELLOW
- BL - BLUE
- GY - GRAY
- BR - BROWN
- PP - PURPLE
- OR - ORANGE
- DR - DRANGE/BLUE
- RD - RED
- WH - WHITE
- BL/RED (STRIPED)
- WH - WHITE
- BL/RED (STRIPED)
- GN - GREEN
- RD/GN - RED/GREEN (STRIPED)

DENOTES INTERNAL WIRING

MVA FAN INFORMATION

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

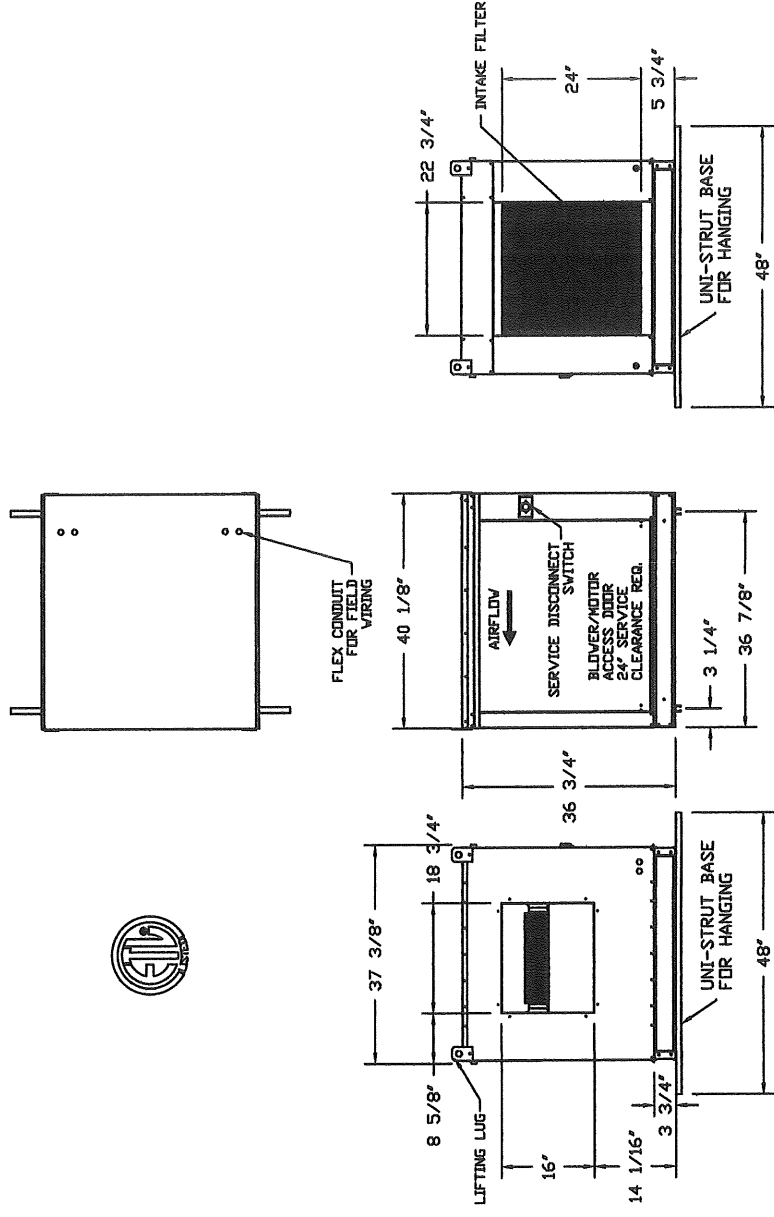
FAN OPTIONS

FAN UNIT NO.	OPTION (Qty. - Descr.)
1	1 - Vibration Isolation Ceiling Hangers For INLINE fans (set of

FAN ACCESSORIES

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

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

HOOD INFORMATION

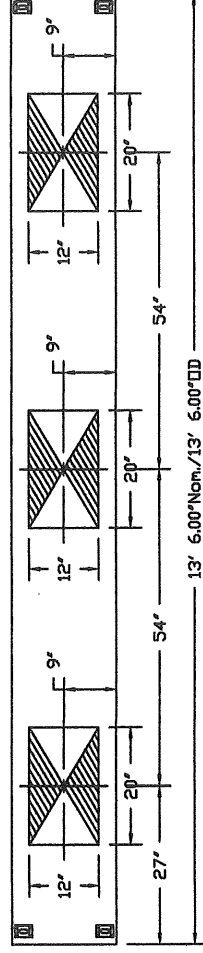
HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM RISERS			SUPPLY PLENUM RISERS			HOOD CONSTRUCTION	HOOD CONFIG.	
				TOTAL EXH. CFM	WIDTH	LENG. DIA.	DIA.	LENG.	DIA.		CFM	S.P.
1	MISC-PSP	13' 6.00"	300 Dep.	0						430 SS Where Exposed	ALDNE	ALDNE

HOOD INFORMATION

HOOD NO.	TYPE	QTY.	HEIGHT	LENGTH	QTY.	LIGHTS		UTILTY CABINETS		FIRE SYSTEM	ELECTRICAL	SWITCHES	FIRE SYSTEM	HOOD HANGING
						TYPE	TYPE	TYPE	SIZE					
1					0								ND	123 LBS

PERFORATED SUPPLY PLENUM(S)

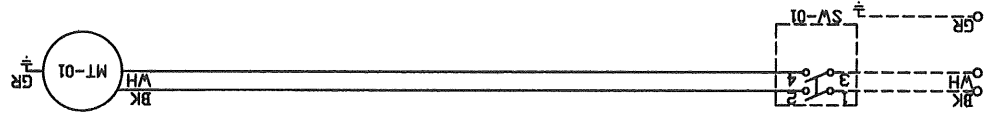
HOOD NO.	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISERS		
						WIDTH	LENG.	DIA.
1	Front	162"	18"	6"	MUA	12"	20"	866
					MUA	12"	20"	866
					MUA	12"	20"	866



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



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

JOB NAME Union Wharf DATE 9/24/2012	DRAWING NUMBER A1618496-1 JOB NUMBER 1618496	AirHandler Wiring
ATTENTION ELECTRICIAN! DRDP FOR DISCONNECT CONNECTION IS FACTORY SUPPLIED CONNECT POWER TO THE DRDP		
Installed Options		
Component Identification Label Description Location	MT-01 Supply motor [21]	
SV-01 Main disconnect switch [21]		
MOTOR INFO SUPPLY 1HP-115V-1P-14.0FLA		
ELECTRICAL INFORMATION MOTOR/CONTROL CIRCUIT MCA 17.5A MOTOR/CONTROL CIRCUIT MDP 30A		
NOTES ----- DENOTES FIELD WIRING _____ DENOTES INTERNAL WIRING		
WIRE COLOR BK - BLACK YV - YELLOW BL - BLUE GR - GREEN BR - BROWN GV - GRAY DR - DRANGE PR - PURPLE RD - RED PK - PINK WH - WHITE		

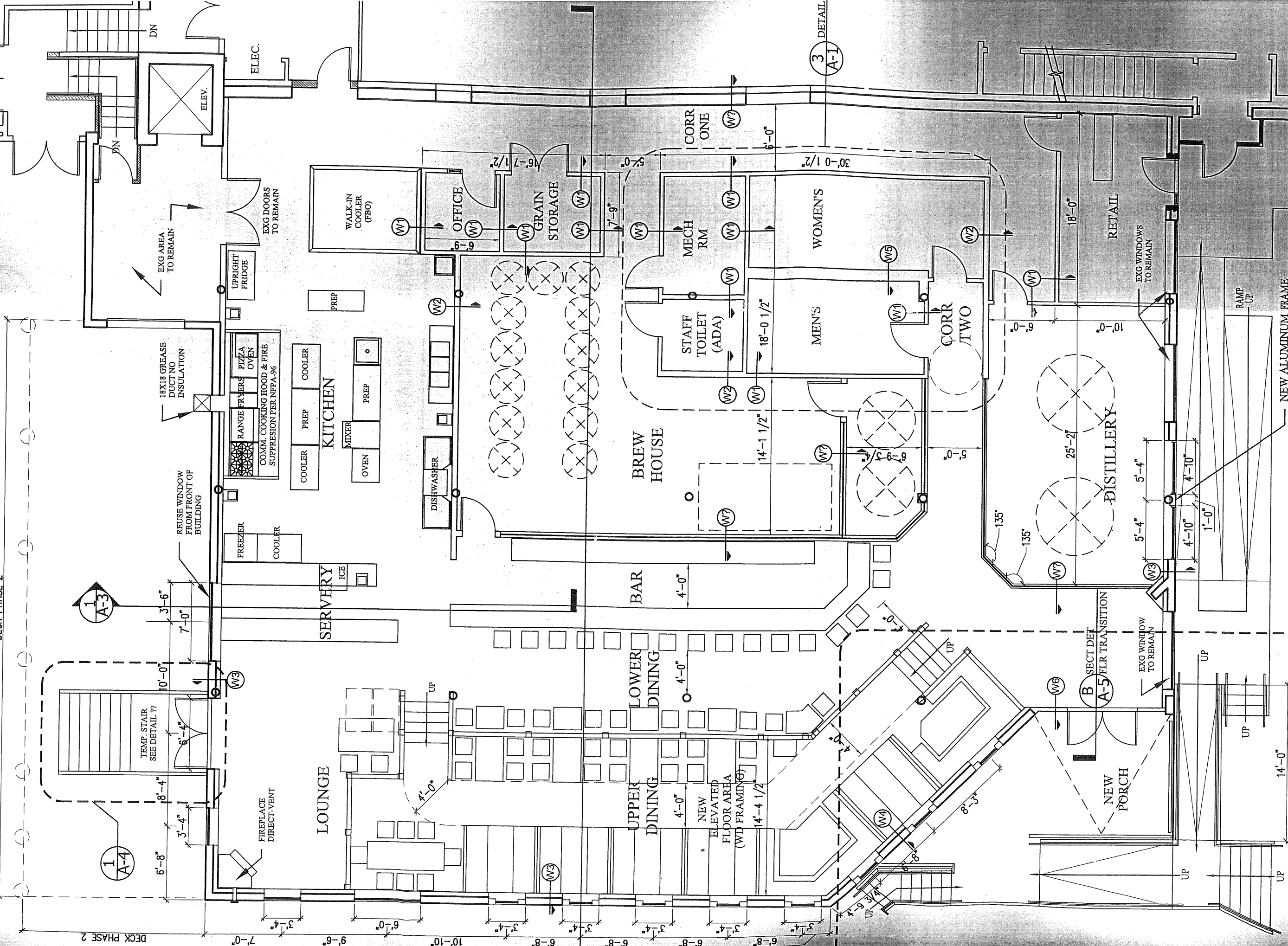
23
22
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3
2
1

SOUTH ELEV

3
A-2

DECK PHASE 2

DECK PHASE 2



EXG AREA TO REMAIN

18X18 GREASE DUCT NO INSULATION

REUSE WINDOW FROM FRONT OF BUILDING

RANGE FRMERS PIZZA OVEN COMM. COOKING HOOD & FIRE SUPPRESSION PER NFPA 96

COOLER PREP COOLER

MIXER OVEN PREP

COOLER PREP COOLER

UPRIGHT FRIDGE

EXG DOORS TO REMAIN

WALK-IN COOLER (FBO)

OFFICE

GRAIN STORAGE

MECH RM

STAFF TOILET (ADA)

WOMEN'S

MEN'S

CORR TWO

RETAIL

EXG WINDOWS TO REMAIN

RAMP UP

RAMP UP

RAMP UP

RAMP UP

RAMP UP

RAMP UP

RAMP UP

RAMP UP

RAMP UP

RAMP UP

RAMP UP

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RAMP UP

RAMP UP

- NEW ALUMINUM FRAME STOREFRONT WINDOW SYSTEM
- STARPHIRE ULTRA-CLEAR GLASS (PPG INSUL LOW-E SOLARBAN 60)
- NEW LINTEL (STL/BM)

NEW RAMP & STAIR CONSTRUCTION

EXISTING RAMP & STAIR TO REMAIN

2
A-4

3
A-1
DETAIL

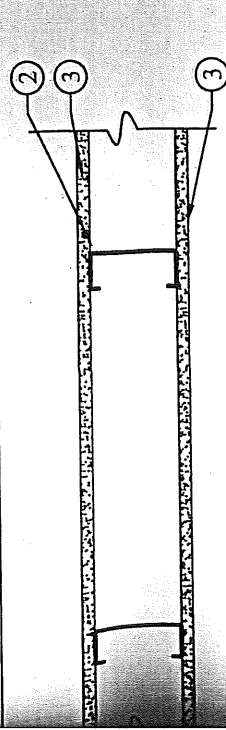
1
A-3

1
A-4

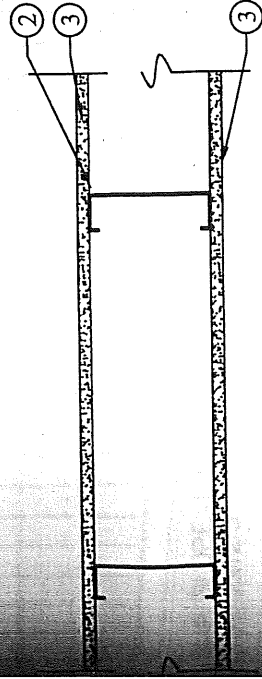
B
A-5
FLR TRANSITION

2
A-4

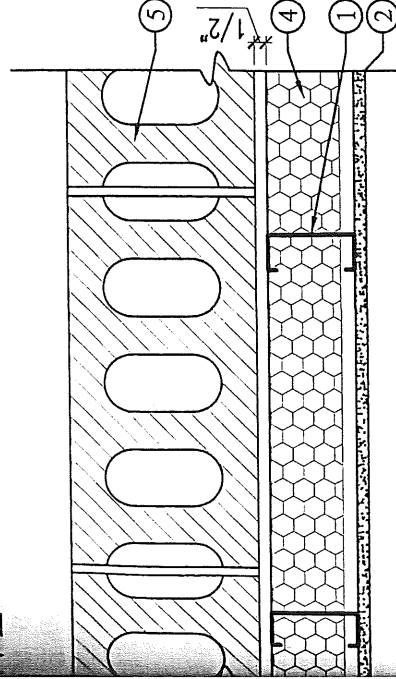
WALL TYPES



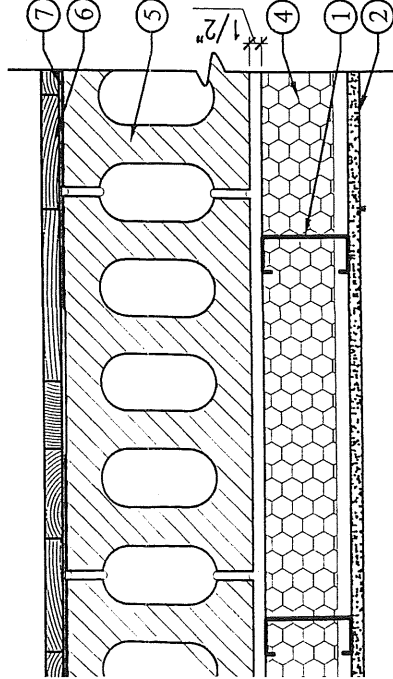
W1 TYPICAL UNRATED INTERIOR PARTITION



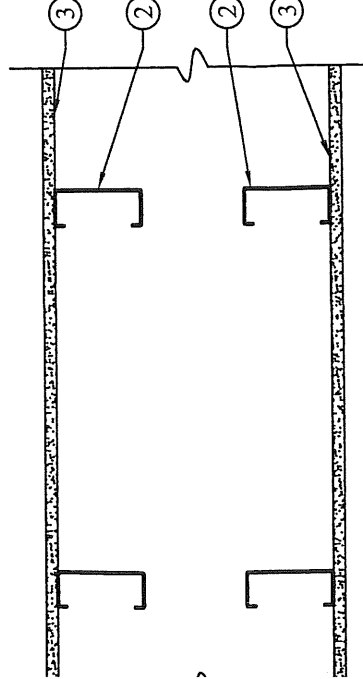
W2 TYPICAL UNRATED INTERIOR WET PARTITION



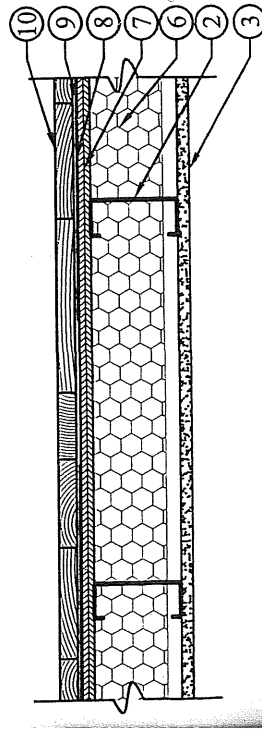
W3 INTERIOR GYP FINISH ON MASONRY WALL



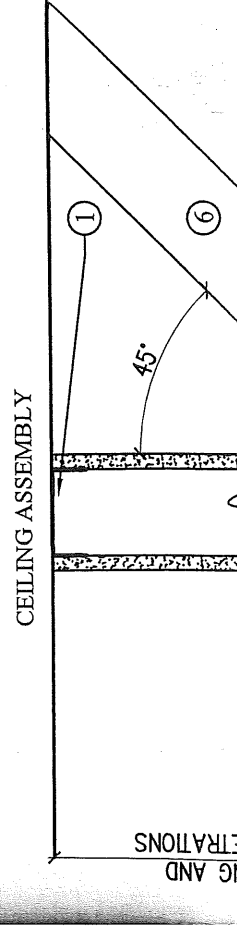
W4 INTERIOR GYP FINISH EXTERIOR WOOD FINISH ON MASONRY WALL



W5 WET WALL BETWEEN TOILETS



W6 VERTICAL WOOD EXTERIOR WALL



CEILING ASSEMBLY

IG AND
TRATIONS

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.

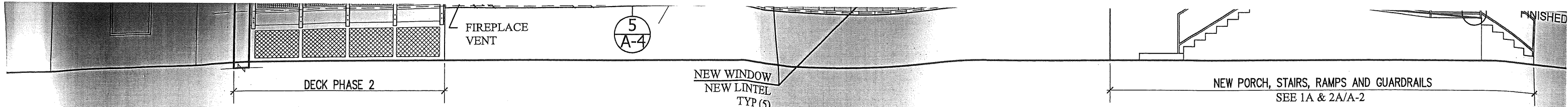
W5 UNRATED WET PARTITION WALL ASSEMBLY

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.

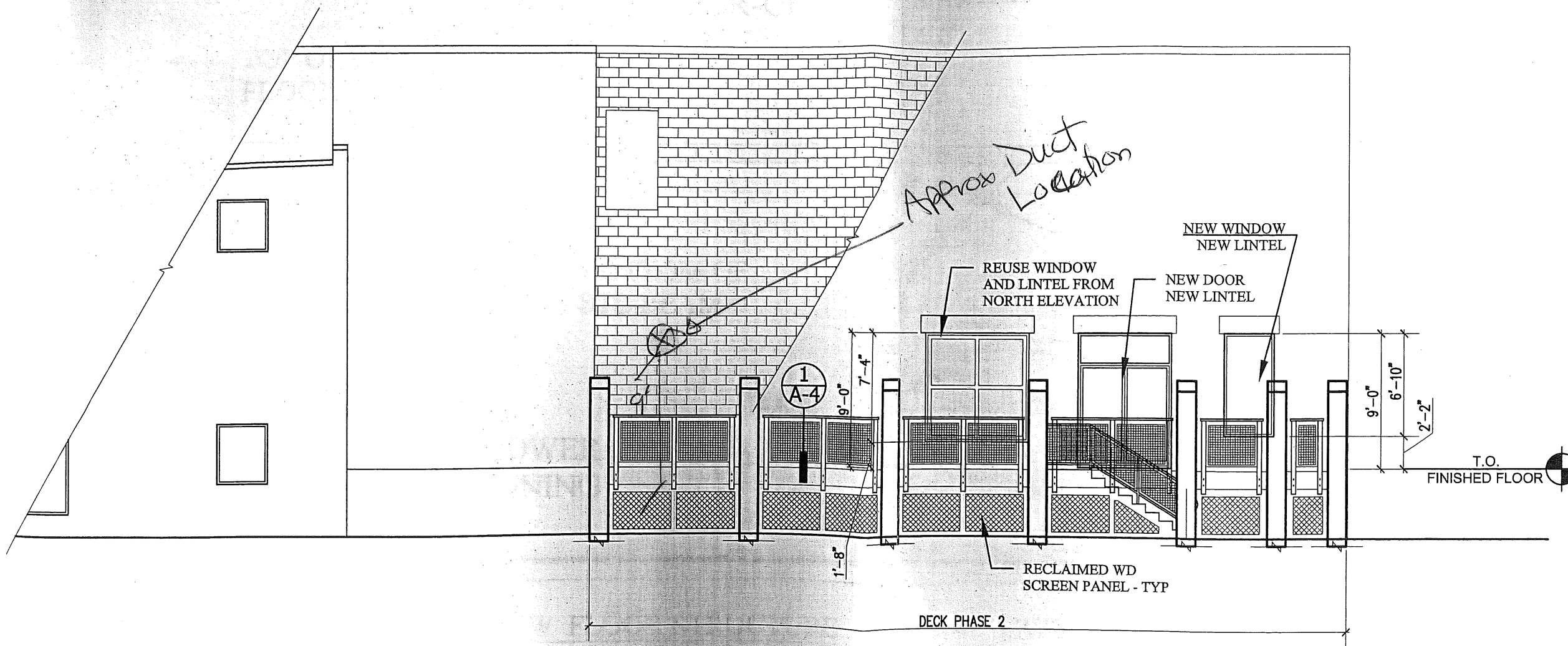
W6 VERTICAL WOOD EXTERIOR WALL ASSEMBLY

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



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



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

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