Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BU

Permit Number: 081466

This is to certify that BRADLEY REALTY CO /HV Servic

has permission to install 4 kitchen exhaust fans

AT -1412 CONGRESS ST

pting this permit shall comply with all adon ag or cd e and of the commerces of the City of Portland regulating the construction, maintenance and use if buildings and structures, and of the application on file in

197 B018001

of the provisions of the Statutes of Ma this department.

provided that the person or persons, fi

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

ation o Not spectio must b nd writt bermissi brocured befo this bui ng or p hereof is sed-in. 2 lath or oth HO NOTICE IS REQUIRED.

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

OTHER REQUIRED ARROVALS Fire Dept. 1655 Health Dept. **Appeal Board** Other

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Bui	-			Issue Date:	CBL:	2001	
389 Congress Street, 04101 Tel:	<u>`</u>	, Fax: (207) 8 74- 8 7		11/25/08	197 B018	SUU 1	
Location of Construction:	Owner Name:		Owner Address:				
1412 CONGRESS ST	BRADLEY RI		P.O.BOX 20				
Business Name:	Contractor Name		Contractor Addres		Phone		
	HVAC Service	es, Inc.	73 Bradley Driv	ve Westbrook	207854482	2	
Lessee/Buyer's Name	Phone:		Permit Type:		1	2975 - 7	
	<u></u>		Hood Systems	, Commerical		P	
Past Use:	Proposed Use:		Permit Fee:	Cost of Work:	CEO District:		
Commercial - Restaurant "Tim	*	Restaurant "Tim	\$60.00	\$4,000.00	3		
Hortons"	1	ll 4 kitchen exhaust	FIRE DEPT:	T ADDIOVUL I	PECTION:		
	fans			Denied	Group: A-2 T	ype: 53	
			1000	,	IBC-2	00>	
	<u> </u>		See Conditi	ar l	TMC-	Group: A-2 Type: 5B TRC-2007 TMC-2003	
Proposed Project Description:	_	_			$\Delta u \alpha v$	/ 1	
install 4 kitchen exhaust fans			Signature:		nature:	- 1/25	
			PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)				
			Action: App	d w/Conditions 🔲 🛚	Denied		
			Signature:		Date:		
Permit Taken By: Date A	pplied For:		Zonir	ng Approval			
ldobson 11/1	7/2008			-8FF			
This permit application does not	preclude the	Special Zone or Rev	iews Zo	ws Zoning Appeal		vation	
Applicant(s) from meeting appli Federal Rules.		☐ Shoreland	☐ Variance		Not in District or Landm		
2. Building permits do not include septic or electrical work.	plumbing,	☐ Wetland	☐ Misce	Miscellaneous		ire Review	
3. Building permits are void if wor within six (6) months of the date		Flood Zone	Cond	Conditional Use		Requires Review	
False information may invalidate permit and stop all work	Subdivision	☐ Interpretation		Approved			
permit and stop an work			Ì				
permit and stop an work		Site Plan	Аррго	oved	Approved w/Co	onditions	
FERMALISSU	JED	Site Plan Maj Minor Min			☐ Approved w/Co	onditions	
para company and a constraint and a cons		Maj ☐ Minor ☐ Mi				onditions	
FERMITISSU NOV 2 5 20		Maj ☐ Minor ☐ Mi	Denie		☐ Denied	onditions	

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

Permit No: CBL: Date Applied For: City of Portland, Maine - Building or Use Permit 08-1466 11/17/2008 197 B018001 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716 Owner Address: Location of Construction: Owner Name: Phone: 1412 CONGRESS ST **BRADLEY REALTY CO P.O.BOX 20** Contractor Address: Business Name: Contractor Name: Phone HVAC Services, Inc. 73 Bradley Drive Westbrook (207) 854-4822 Lessee/Buyer's Name Phone: Permit Type: Hood Systems, Commerical Proposed Project Description: Proposed Use: Commercial - Restaurant "Tim Hortons" install 4 kitchen exhaust install 4 kitchen exhaust fans Dept: Zoning Status: Approved with Conditions Reviewer: Marge Schmuckal **Approval Date:** 11/18/2008 Ok to Issue: Note: 1) The exhaust fans shall meet the maixmum noise allowances as stated under the B-2 Zone requirements 2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that Dept: Building Reviewer: Chris Hanson 11/25/2008 Status: Approved with Conditions **Approval Date:** Ok to Issue: Note: 1) The Hood shall be installed per IMC 2003 and NFPA 96 This permit is approved based on the plans submitted and updated for reductions in the cleaances based on the application of a UL approved fire wrap or equivalent assembly per code.

Reviewer: Capt Greg Cass

Status: Approved with Conditions

Any commercial cooking operation creating grease laden vapors requires a Type I and extinguishing system.

Note: No cooking shall create gfrease laden vapors.

1) All hoods are designed to Type II standards.

Dept: Fire

Approval Date:

11/20/2008

Ok to Issue:

BUILDING PERMIT INSPECTION PROCEDURES

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

to schedule your inspections as agreed upon Permits expire in 6 months, if the project is not started or ceases for 6 months.

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

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

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

X Final inspection required at comple	etion of work.
Certificate of Occupancy is not required for certa your project requires a Certificate of Occupancy	1 0
If any of the inspections do not occur, the pro REGARDLESS OF THE NOTICE OR CIRC	• •
CERIFICATE OF OCCUPANICES MUST ETHE SPACE MAY BE OCCUPIED.	BE ISSUED AND PAID FOR, BEFORE
Signature of Applicant/Designee	Date
Signature of Inspections Official	Date

CBL: 197 B018001

Building Permit #: 08-1466

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:	Carres	
Total Square Footage of Proposed Structure	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot	Owner:	Telephone:
Chart# Block# Lot#	TIM I-KIRTEN'S	
197 B 018	_	
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone:	Cost Of Work: \$ 4000 -
		Fee: \$
		C of O Fee: \$ 60
Current legal use (i.e. single family)	a Hour loves	C of O Fee: \$ UU
If vacant, what was the previous use?	1110170113	
_ 1_ 1_		
Proposed Specific use: Is property part of a subdivision?	If yes, please name	
Project description: 4 Kitchen	exhast fans.	V _s
Contractor's name, address & telephone: 73 Who should we contact when the permit is read	AC SERVICES BERDIXY ORLY WESTBER	ac, Me
Who should we contact when the permit is read Mailing address:	Phone: 851-1822	,
Please submit all of the information out Failure to do so will result in the automa		Checklist.

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.

	\	_ ^ /	<i>Y</i>	
Signature of applicant:	0	JELO'		Date: 11/17/2008

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

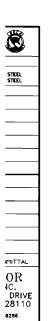


Lee Urban - Director of Planning and Development Jeanie Bourke - Inspection Division Services Director

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 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?
Type?
Is the duct work Stainless steel or other type of steel? If Other what type? Metal
Thickness of the steel for the hood 1869
Thickness of the duct for the hood
Type of Hood and Duct Supports
Type of seams and Joints

Grease Gutters provided?
Hood Clearance reduction to Combustibles design/specs:
N/A
Duct Clearance reduction to Combustibles design /specs:
<u>N/A</u>
Vibration Isolation System:
NA
Air Velocity within the duct system
Grease accumulation prevention system:
Cleanouts
Grease Duct enclosure
Exhaust Termination Roof Wall
Fire Suppression System
Exhaust fan mounting and clearance from the roof / wall or Combustibles:
Exhaust fan distance from property lines
Exhaust fan distance from other vents or openings
Exhaust fan distance from adjacent buildings
Exhaust fan height above adjoining grade
Hood Specs
Style of Hood
Type of Filter
Height of filter above nearest cooking surface
Capacity of hood CFM 300, 150, 300
Make up Air system description and capacity
120 BALANCE Schedile



8

STEEL STEEL

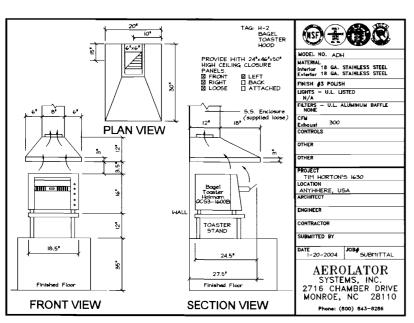
BAFFLE

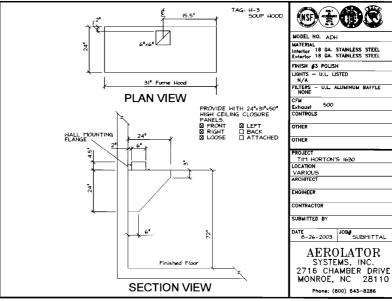
MITTAL

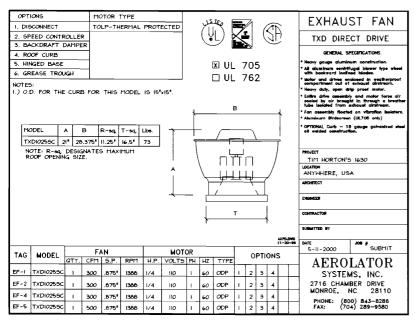
OR

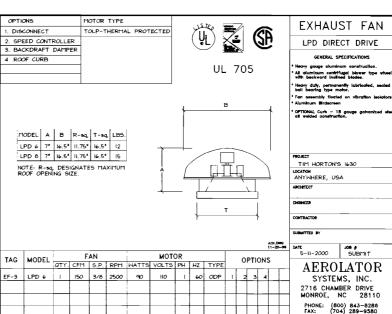
DRIVE 28110

8286









KITCHEN HOOD GENERAL NOTES

DUCTWORK

- ALL DUCTHORK BEYOND VENTILATOR EXHAUST COLLAR
 OPENING SHALL BE LIQUID TIGHT AND CONFORM TO ALL
 APPLICABLE CODES.
- -TO DETERMINE TOTAL SYSTEM STATIC PRESSURE, ADD EXHAUST OUTLET STATIC PRESSURE TO CALCULATED DUCT WORK SYSTEM STATIC PRESSURE.
- -DUCT COLLARS ARE SIZED FOR SPECIFIED AIR VOLUMES TO MEET APPLICABLE CODES.

ISTALLATION:

- -ALL EXHAUST VENTILATORS MUST BE INSTALLED LEVEL AND PLUMB.
- -INSTALL UNIT(5) WITH CLEARANCES TO ADJACENT WALLS AS REQUIRED TO CONFORM TO ALL LOCAL CODES AND INSPECTION REQUIREMENTS. <u>NOTE</u>: ALL WALLS SHOWN ON DRAMINGS ARE ASSUMED TO BE NON-COMBUSTIBLE.
- -EXHAUST AIR VOLUMES ARE RECOMMENDED FOR THE PROPER FUNCTION OF THE COOKING EQUIPMENT SPECIFIED.

DATE ISSUED:
07-02-2008

The construction documentation contained on this sheet was not prepared by WD Partners, inc. and is included within this set FOR REFERENCE ONLY for informational purposes perfaining to this project. WD Partners, inc. did not review the construction documentation on this sheet for omissions, accuracy or completeness and by including this sheet within this set, WD Partners inc. does not represent that such construction documentation on this sheet is accurate, complete and that information has not been omitted, or that it complies with applicable codes, restrictions and local requirements.

Tim Hottons 1408 CONGRESS STREET PORTLAND, ME 04102

DRAWINGS

EXHAUST HOOD

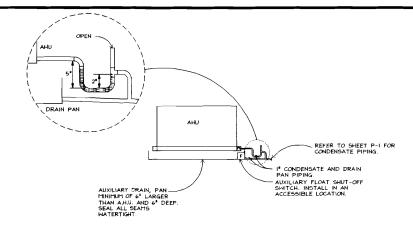
DRAWN BY: KRO

CHECKED BY:

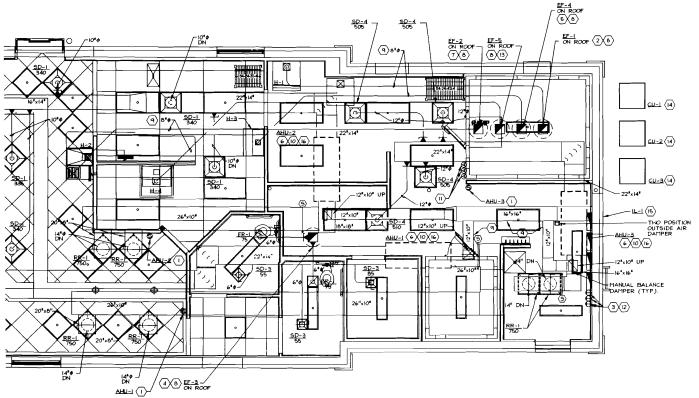
FOR REFERENCE ONLY

SAI# 08138 DRAWING NUMBER:

M3



AHU CONDENSATE TRAP



HVAC PLAN 1/4"=1'-0"

SUPPLY

COORD COORDINATE CUH CABINET UNIT HEATER DIFF DIFFUSER DISC DISCONNECT (A) HUMIDISTAT DUCT SMOKE DETECTOR *-(5) DN DPR EA EC DOWN DAMPER -(-DUCT OFFSET EACH ELECTRICAL CONTRACTOR SUPPLY DUCT - UP Ň SUPPLY DUCT - DN RA OR EXH DUCT UP RA OR EXH DUCT DN ELBON TURNING VANES EXH EXISTING EXHAUST F DPF FLEX FLR GC FIRE DAMPER FLEXIBLE FLOOR GENERAL GONTRACTOR HEATING CONTRACTOR HEATING HORSEPOHER FLOOR HANG GIRLUT AND GIRLUT HECHANICAL HEADHAACTURER HINHUH HANG OVERCURRENT PROTECTION HOUNTED FIRE DAMPER (F.D.) MANUAL BALANCE - нс TRANSITION SUPPLY DIFFUSER RETURN GRILLE ROUND DUCT MECH MFR MIN MOCP EXHAUST GRILLE SPIN-IN FITTING SPIN-IN FITTING W/ ٠Ī PROTECTION MOUNTED NOT TO SCALE OUTSIDE AIR PLUMBING CONTRACTOR RETURN AIR ROOFTOP UNIT SUPPLY AIR TURNING VANES TYPICAL

MTD NTS OA PC

RA RTU

TYPICAL WATER HEATER WITH

MAN BAL DPR
ABOVE
AIR CONDITIONING
ACCESS DOOR
ABOVE FINISHED FLOOR
AIR HANDLING UNIT
I ARCHITECT
BACKDRAFT DPR.
BELON
I BUILDING
CUBIC FEET PER MINUTE
CEILING
CONTINUATION

SYMBOLS & ABBREVIATIONS LEGEND

THERMOSTAT

ANNUNCIATOR

SENSOR

(†) (§)

BDD BEL BLDG CFM CLG CONT

CONTR CONTRACTOR

CODED NOTES

- (B) 40°X*24° OUTDOOR AIR INTAKE LOUVER. MECHANICAL CONTRACTOR TO INSTALL IN EXISTING WALL OPENING ADJUST WALL OPENING AND TRANSTITON DUCTHOORS AS REQUIRED FOR NEW LOUVER, PATCH AND REPAIR AS NEEDED.
- (6) AHU TO BE LOCATED ON MEZZANINE. AHU TO BE FLOOR MOUNTED PER MANUFACTURER'S RECOMMENDATION. REFER TO ITE STRUCTURAL DRAWING FOR ADDITIONAL INFORANTION.

GENERAL NOTES

- PROVIDE I-YEAR WARRANTY ON WORKMANSHIE
- INSULATED FLEXIBLE DUCT THAY BE USED IN THAXIMUM LENGTHS OF 51-01 PER BRANCH RUN. THE BALANCE OF THE RUN SHALL BE HARD PIPE HITH 2! MOJULATED SLEEVE, FLEXIBLE DUCT SHALL BE OVERNS CORNING INL. OR EQUAL WITH A MINIMUM R-VALUE OF 5.
- SPIN-IN FITTING WITH DAMPER SHALL BE FLEXAIRE RF OR METALAIRE MISSD. TYPICAL OF ALL BRANCH DUCT RUNS. THANUAL BALANCE DAMPERS SHALL BE IN AN ACCESSIBLE LOCATION. COORDINATE WITH GENERAL CONTRACTOR.
- DUCTWORK DIMENSIONS SHOWN ARE CLEAR INSIDE DIFFENSIONS, DUCTWORK SHOWN IS TO BE INSULATED WITH 2° DUCT WARP, INCLUDING THE TOP OF THE DIFFUSERS THE INSULATION SHALL HAVE A MINIMUM R-VALUE OF THE INSULATION SHALL H
- COMPLETED INSTALLATIONS SHALL CONFORM TO ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES INCLUDING, BUT NOT LITITED TO THE LATEST EDITIONS OF THE FOLLONING, STATE BUILDING CODE, NPRA-00, NPRA-04 AND NPRA-10TE BUILDING
- ALL SUPPLY AND RETURN AIR DUCTS AND THE TOP OF THE DIFFUSERS ARE TO BE INSULATED.
- HVAC CONTRACTOR TO PROVIDE A COMPLETE BALANCE OF THE HVAC SYSTEM WHILE IN THE PRESENCE OF A TIM HORTON REPRESENTATIVE HITH A COMPLETE BALANCE REPORT TO INCLUDE AIR BALANCE OF ALL ROOTON UNITS, EVALUALS FANS, REGISTERS AND DIFFUSERS TO SPECIFIED CRIMS, THE CONTRACTOR IS TO TEST THE COMPLETE OPERATION AND SEQUENCES OF OPERATION FOR ALL HVAC EQUIPMENT
- ALL DUCTWORK IS TO BE INSTALLED PER SMACNA SPECIFICATIONS.
- ALL 90 DEGREE BENDS IN SUPPLY AIR DUCTS TO HAVE TURNING VANES.
- 10. HVAC SYSTEM DESIGNED TO MEET OUTSIDE TEMP. OF 93 DEGREES F SUMMER AND O DEGREES F WINTER. SEE SPECIFICATIONS FOR REQUIREMENTS UNDER OTHER TEMPERATURE CONDITIONS.
- ALL ROOFTOP UNITS SHALL HAVE A 5 YEAR COMPRESSO AND A 10 YEAR HEAT EXCHANGER WARRANTY.
- 12. ALL DUCTHORK TO BE RUN ABOVE THE SUSPENDED CEILING, HHENEVER POSSIBLE ALL DUCTHORK RUNNING PARALLEL TO THE ROOF JOIST SHALL BE RAISED UP AND RUN BETHEEN THE JOISTS.
- 13. HVAC CONTRACTOR TO RECEIVE AND SET CONDENSING UNITS FOR FREEZERS AND COOLERS ON MEZZANINE AND FURNISH AND INSTALL MOUNTING RAILS.
- . HVAC CONTRACTOR TO SEE ARCHITECTURAL SHEET A4 FOR LOCATION OF ROOF MOUNTED EQUIPMENT, CURBS, AND RAILS.
- . RETURN DUCTHORK FROM AHU UNITS TO BE LINED, PINNED AND GLUED WITH I[®] INSULATION PER INDUSTRY STANDARDS. IT SHALL HAVE A MINIMUM INSTALLED R-VALUE OF 5.
- SUPPLY AND RETURN AIR DUCT CONNECTIONS FROM AIR HANDLING UNITS TO BE ISOLATED FROM UNIT VIBRATION WITH FLEXIBLE DUCT CONNECTORS.
- HVAC CONTRACTOR SHALL PROVIDE ALL LOW VOLTAGE CONTROL WIRING. SEE TEMPERATURE AND LIGHTING CONTROL SCHEMATIC FOR ADDITIONAL REQUIREMENTS.
- SEE ARCHITECTURAL REFLECTED CEILING PLAN ON SHEET AS FOR MORE INFORMATION.
- SLOPE THE EXHAUST FAN DUCTWORK BACK TOWARD THE HOOD TO KEEP MOISTURE FROM BUILDING UP IN THE DUCTWORK.

CODED NOTES

- REMOTE SENSOR FOR AHU'S AT 5'-0' AFF. COORDINATE WITH CHNER PRIOR TO ROUGH-IN, EXTEND CONTROL WIRING TO THERMOSTAT LOCATED IN CONTROL PANEL.
- (2) 8° EXHAUST DUCT UP TO EXHAUST FAN (EF-I).
 TRANSITION AT THE HOOD AND FAN AS REQUIRED. DUCT
 TO BE ALUMINUM.
- (3) TCS/BASYS THERMOSTAT MODEL #5Z 1031 WITH REMOTE SENSORS (SEE NOTE #1 FOR SENSOR LOCATION) FOR RTU'S. THERMOSTAT LOCATED IN CONTROL PANEL.
- 4 8 4 EXHAUST DUCT UP TO EXHAUST FAN (EF-3).
 TRANSITION AS REQUIRED.
- (5) 8' exhaust duct up to exhaust fan (ef-4) Transition at the hood and fan as reguired. Duct to be aluminum.
- 6 22"x14" SUPPLY AND 16"x16" RETURN DUCT TO AIR HANDLING UNIT WITH FLEX CONNECTION. TRANSITION AS REQUIRED.
- TRANSITION AT THE HOOD AND FAN AS REQUIRED. DUCT TO BE ALUMINUM.
- SEE ROOF PLAN IN ARCHITECTURAL SET FOR ADDITIONAL INFORMATION COORDINATE LOCATION WITH OTHER TRADES, EXHAUST AIR TO BE LOCATED A MINIMUM OF TEN FEET FROM THE NEAREST OUTSIDE AIR INTAKE. EQUIPMENT TO BE LOCATED A MINIMUM OF TEN FEET FROM THE ROOF EDGE.
- (9) RUN DUCTWORK AS HIGH AS POSSIBLE. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH OTHER TRADES.
- (0) DUCT SMOKE DETECTOR FACTORY INSTALLED IN THE AII HANDLER UNIT RETURN AIR UPON ACTIVATION THE SMOKE DETECTOR SHALL SHUT DOWN THE AHU AND ACTIVATE A VISIBLE OR AUDIBLE SIGNAL IN AN APPROVED LOCATION AND SHALL BE IDENTIFIED AS AN AIR DUCT DETECTOR.
- (II) REMOTE ANNUNCIATOR (VISIBLE AND/OR AUDIBLE) FOR AND DUCT SHOKE DETECTORS TO BE FURNISHED WITH FACTORY SUPPLIED DUCT SHOKE DETECTORS AND INSTALLED BY THE ELECTRICAL CONTRACTOR. FURNISH WITH REMOTE RESET, ANNUNCIATORS ARE TO BE LOCATED IN A LOCATION APPROVED BY THE LOCAL AUTHORITIES. MIRING AND FINAL CONNECTIONS OF THE UNIT ARE TO BE BY THE ELECTRICAL CONTRACTOR.
- (2) THE THERMOSTATS COME AS PART OF THE ELECTRICAL SHITCH GEAR CABINET. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO COMNECT TO THOSE THERMOSTAT IN THE CABINET. THE ELECTRICAL CONTRACTOR IS TO PURCHASE AND INSTALL THE ELECTRICAL SHITCH GEAR CABINET.
- (3) 6° EXHAUST DUCT UP TO EXHAUST FAN (EF-5).
 TRANSITION AT THE HOOD AND FAN AS REQUIRED. DUCT
 TO BE ALUMINUM.
- (II) LOCATE NEW CONDENSING UNIT ON EXISTING CONCRETE PAD, FURNISH AND INSTALL REFRIGERANT LINES PER MANDRACTURER'S RECOTHENDATIONS ELECTRICAL CONTRACTOR TO PROVIDE ALL ELECTRICAL CONNECTION AND DISCONNECT.

Atlanta Boston Chicago Columbus Los Angeles Miami

DATE ISSUED: 07-02-2008

partners
7007 Discovery Blvd
1000, DH 45917
614 634 77777

Tim Hortons 1408 CONGRESS STREET PORTLAND, ME 04102

CHECKED BY:

DRAWN BY:

08138

PLAN

SAI #

DRAWING NUMBER: M1

r R-RI JSER F	ETURN E-EXHAUST R-REGISTER G-GRILLE
\sim	FM
	REMARKS
\times	è
XX	
$\times\!\!\times\!\!\times$	₹®
XX	•>
>	
XX	•>
>	9
X	>

AIR BALANCE SCHEDULE									
MARK	SUPPLY AIR	RETURN AIR	OUTSIDE AIR	EXHAUST AIR	RESULTING PRESSURE				
AHU~I	2025	1500	525	0	+525				
AHU-2	2025	1500	525	o	+525				
AHU-3	2025	1500	5.25	o	+525				
EF-I				-300	-300				
EF-2				-300	-300				
EF-3				-150	-150				
EF-4				-300	-300				
EF-5				-500	-500				
TOTALS	6075	4500	1575	-1550	+25				

	EXHAUST HOOD SCHEDULE									
MARK	MODEL NUMBER	SIZE	EXHAUST OPENING	ROOF OPENING*	DUCT AT CURB *	REMARK				
H-1	AEROLATOR # ADH-3035	39.7"x30.5"x15"	8'×8'	11.25/11.25	10"x10"	123456				
H-2	AEROLATOR BAGEL TOASTER HOOD	20"×30"×12"	6"x6"	11,25/11.25	10°×10"	123456				
H-3	AEROLATOR DISHMASHER HOOD	36"×36"×36"	6*x6*	11.25/11.25	10 x 10 x	123456				
H-4	AEROLATOR SOUP HOOD	31'x24'x24'	6'x6'	11.25/11.25	10*×10*	123450				

- ALL DUCTWORK SHALL BE FABRICATED ACCORDING TO NFPA % 1 LOCAL CODES.
- (2) FINAL BALANCING OF THE SYSTEM SHALL BE PERFORMED AS OUTLINED IN INSTRUCTION SHEET FURNISHED BY HOOD SUPPLIER.
- (3) EXHAUST AIR OPENINGS TO BE CUT IN FACTORY ALL HOODS TO BE UL CERTIFIED AND LABELED. TRANSITION TO DUCTHORK IN FIELD AS REQUIRED.
- (4) COORDINATE THE DELIVERY OF THIS PACKAGE WITH THE JOB SUPERVISOR. INSTALLATION BY HVAC CONTRACTOR.
- 5) OHNER SUPPLIED EXHAUST HOOD AND FAN PACKAGE.

 VERIFY THESE DIMENSIONS WITH THE SUPPLIER
- 6 PROVIDE TYPE 2 HOOD

COLEY SERIES FFD, AND

२८	MCA	MOCP	REMARKS
		20	
	()	20	
	①	20	

	EXHAUST FAN SCHEDULE										
UNIT	MFR. (1)			S.P.	WHEEL		MOT	OR	20.00	SERVING LOCATION	D2207700000
NO.	MODEL NO.	TYPE	C.F.M.	W.G.	R.P.M.	H.P.	RPM	VOLTS PHASE	SERVING		REMARKS
EF-I	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	300	0.875	1388	1/4	1750	120	KITCHEN EXHAUST HOOD H-I	ROOF	
EF-2	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	300	0.875	1386	1/4	1750	120	KITCHEN EXHAUST HOOD H-2	ROOF	
EF≁3	JENCO FAN LPD 6	ROOF DIRECT DRIVE	150	0,375	2500	90	1750	120	RESTROOM EXHAUST	R <i>∞</i> F	
EF-4	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	300	0.875	1386	1/4	1750	120	KITCHEN EXHAUST HOOD H-3	ROOF	()√2√3√5⟩
EF-5	JENCO FAN TXDI0255C	ROOF DIRECT DRIVE	500	0.875	1386	1/4 /	1750	120	KITCHEN EXHAUST HOOD H-4	ROOF	()√2\3\5\

- FANS WILL BE SUPPLIED AS PART OF EXHAUST HOOD PACKAGE.
- 2 PROVIDE WITH DISCONNECT SWITCH, BIRDSCREEN, AND BACKDRAFT DAMPER.
- 3 PROVIDE WITH SPEED CONTROL
- (4) INTERLOCK WITH AIR HANDLER UNITS

6 CONTROLLED THROUGH LIGHT CIRCUIT

5 PROVIDE WITH ROOF CURB.

EXTERIOR LOUVER SCHEDULE MATERIAL SIZE ALUM GALV. REMARKS OPERATION ITEM MFR. TYPE SCREEN WIDTH X LENGTH 1/2 IL-I AIROLITE K6776 48" × 24" DRAINABLE LOUVER (2) INSECT SCREEN

HVAC EQUIPMENT & MATERIAL PACKAGE

FOR QUOTATION ON THE FOLLOWING EQUIPMENT SEE SHEET SP6 FOR CONTACT INFORMATION.

EQUIPMENT PACKAGE:

ANU-1, ANU-2, ANU-3, CU-1, CU-2, AND CU-3 AS PER SCHEDULE THIS SHEET. IF
DESIGN CONDITIONS DIFFER FROM THOSE LISTED, CONTACT TIM HORTONS ACCOUNT
COORDINATOR, LENNOX CO., NATIONAL ACCOUNTS PHONE: 1-800-367-6296 FOR
APPROPRIATE EQUIPMENT.
RODE CURB PACKAGE:
INCLIDES CURBS FOR ANU-1, ANU-2, ANU-3, CU-1, CU-2, CU-3, EF-1 THROUGH EF-4
AND TRO SETS OF ROOM FAILS. ALL CURBS ARE INSULATED AND COMPLY WITH NFPA
REQUIPMENTS FOR HEIGHT.

AIR DEVICE PACKAGE:
TO INCLUDE ALL DIFFUSERS, REGISTERS, GRILLES, AND SQUARE TO ROUND TRANSITIONS.

EQUIPMENT AND MATERIAL PACKAGES ARE IN STOCK AND SHOULD BE ORDERED IMMEDIATELY UPON RECEIPT OF HVAC CONTRACT TO AVOID CONSTRUCTION DELAY.

Tim Hortons 1408 CONGRESS STREET PORTLAND, ME 04102 SCHEDULES DRAWN BY: KRO CHECKED BY: HVAC

DATE ISSUED: 07-02-2008

Atlanta Boston Chicago Columbus Los Angeles Miami

HEDULE ACT OA SYSTEM CFM MARK ER NT 920 AHU-142 1050 90 AHU-3 525 юю 1575 150 75 150 150 ERS AS

> 8AI # 08138 DRAWING NUMBER: M2