

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND

# BUILDING PERMIT

This is to certify that J B & SONS BROWN

Located At 901 WASHINGTON AVE

Job ID: 2011-06-1254-NEWCOM

CBL: 170- F-001-001

has permission to Roof Gas TRANE System for New building  
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

\_\_\_\_\_  
**Fire Prevention Officer**

\_\_\_\_\_  
**Code Enforcement Officer / Plan Reviewer**

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

## BUILDING PERMIT INSPECTION PROCEDURES

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

or email: [buildinginspections@portlandmaine.gov](mailto: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.**

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](http://www.portlandmaine.gov)*

Director of Planning and Urban Development  
Penny St. Louis

Job ID: 2011-06-1254-NEWCOM

Located At: 901 WASHINGTON  
AVE

CBL: 170- F-001-001

## **Conditions of Approval:**

The underlying B-2 Zone has requirements regarding the maximum noise levels allowed. The proposed unit shall meet the following requirements. From 7:00 am to 9:00 pm, the maximum dBAs permitted is 60. From 9:00 pm to 7:00am, the maximum dBAs permitted is 55. It is the responsibility of the application agent to inform the property owner of these regulations. The City of Portland strictly enforces the level of sound generated on the property. The property owner may have to take mitigating steps to reduce noise produced by these units.

Installation shall comply with City Code Chapter 10.

Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.

Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;

NFPA 54, *National Fuel Gas Code*;

NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*;

NFPA 91, *Standard for Exhaust Systems for Air Conveying Vapors, Gases, Mists, and Noncombustible Particulate Solids*;

NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

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

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

Job No: 2011-06-1254-NEUCOM 2011-6835-HVAC	Date Applied: 9/21/2011	CBL: 170- F-001-001	
Location of Construction: 901 WASHINGTON AVE	Owner Name: J B & SONS BROWN	Owner Address: PO BOX 207 PORTLAND, ME 04112	Phone:
Business Name:	Contractor Name: HVAC services	Contractor Address: 73 Bradley Dr., Westbrook, ME 04092	Phone: (207) -854-4822
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: C-56 (B-2)
Past Use: Office building	Proposed Use: Same – office building – install Trane unit on roof	Cost of Work: 116500.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: HVAC Type:
Proposed Project Description: HVAC – install Trane rooftop unit		Signature: <i>Capt. Irvine 10/3/11</i> Signature: <i>[Signature]</i>	
Permit Taken By:		Pedestrian Activities District (P.A.D.)	
		<b>Zoning Approval</b>	

	Special Zone or Reviews	Zoning Appeal	Historic Preservation
1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.	<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input checked="" type="checkbox"/> Not in Dist or Landmark
2. Building Permits do not include plumbing, septic or electrical work.	<input type="checkbox"/> Wetlands	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does not Require Review
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.	<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Requires Review
	<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved
	<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions
	<input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied
	Date: <i>OK w/conditions 9/27/11 ABM</i>	Date:	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

#1665



CSH(82)  
2011-6835  
2011-06-1254

FILL IN AND SIGN WITH INK

PL

REC 9124

# APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



170-F-1

+x's ✓

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 895<sup>901</sup> Washington Ave Use of Building Offices<sup>Medical</sup> Date \_\_\_\_\_  
 Name and address of owner of appliance J.B. BROWN & SON'S P.O. Box 207  
Portland ME 04112-0207  
 Installer's name and address HVAC SERVICES 73 Bradley Dr.  
WESTBROOK, ME 04092 Telephone 854-4822

### Location of appliance:

- Basement
- Attic
- Floor
- Roof

### Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Frans Rtu's

U.L. Approved  Yes  No

Will appliance be installed in accordance with the manufacture's installation instructions?  Yes  No

IF NO Explain: \_\_\_\_\_

### The Type of License of Installer:

- Master Plumber # \_\_\_\_\_
- Solid Fuel # \_\_\_\_\_
- Oil # \_\_\_\_\_
- Gas # PNT 1138
- Other \_\_\_\_\_

### Type of Chimney:

- Masonry Lined  
Factory built \_\_\_\_\_
- Metal  
Factory Built U.L. Listing # \_\_\_\_\_
- Direct Vent  
Type \_\_\_\_\_ UL# \_\_\_\_\_

### Type of Fuel Tank

- Oil
- Gas

Size of Tank N/A (Natural)

Number of Tanks \_\_\_\_\_

Distance from Tank to Center of Flame \_\_\_\_\_ feet.

Cost of Work: \$ 116,500

Permit Fee: \$ 1,190

### Approved

Fire: \_\_\_\_\_

Ele.: \_\_\_\_\_

Bldg.: \_\_\_\_\_

### Approved with Conditions

- See attached letter or requirement

Inspector's Signature \_\_\_\_\_

Date Approved \_\_\_\_\_

Signature of Installer [Signature]

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy

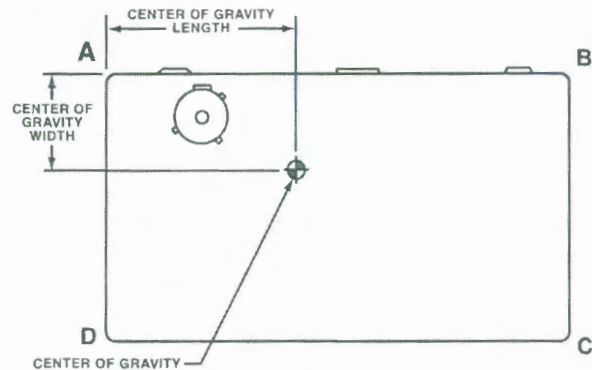
**⚠️ WARNING  
Heavy Objects!**

Do not use cables (chains or slings) except as shown. Each of the cables (chains or slings) used to lift the unit must be capable of supporting the entire weight of the unit. Lifting cables (chains or slings) may not be of the same length. Adjust as necessary for even unit lift. Other lifting arrangements may cause equipment or property-only damage. Failure to properly lift unit could result in death or serious injury.

**⚠️ WARNING  
Improper Unit Lift!**

Test lift unit approximately 24 inches to verify proper center of gravity lift point. To avoid dropping of unit, reposition lifting point if unit is not level. Failure to properly lift unit could result in death or serious injury or possible equipment or property-only damage.

**Figure 14. Corner weights**



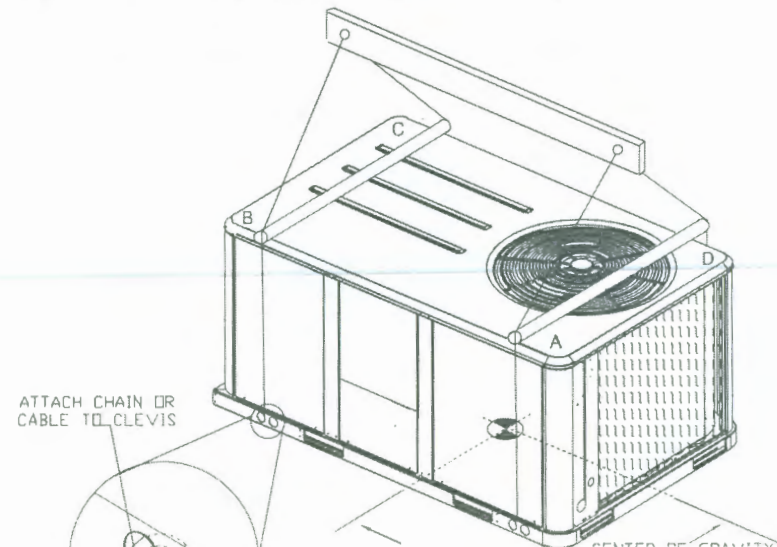
**Table 1. Maximum unit & corner weights (lbs) and center of gravity dimensions (in.) - gas/electric models**

Tons	Unit Model No.	Maximum Model Weights <sup>(i)</sup>		Corner Weights <sup>(ii)</sup>				Center of Gravity (in.)	
		Shipping	Net	A	B	C	D	Length	Width
3	YSC036E	607	532	165	137	95	134	31	19
4	YSC048E	638	563	175	145	101	142	31	19
5	YSC060E	688	613	190	158	110	155	31	19
6	YSC072E	936	793	304	146	219	124	41	23
7½	YSC090E	916	821	256	222	159	183	41	22
7½	YSC092E	1059	916	370	160	265	121	41	22
8½	YSC102E	1096	953	371	173	277	132	42	23
10	YSC120E	1221	1123	337	292	229	264	41	23
3	YHC036E	676	606	178	162	126	139	33	19
4	YHC048E	858	763	238	200	148	176	40	23
5	YHC060E	917	822	261	218	156	187	40	22
6	YHC072E	997	900	274	250	180	196	42	22
7½	YHC092E	1552	1335	373	368	295	299	50	28
8½	YHC102E	1579	1362	385	374	297	306	49	28
10	YHC120E	1589	1372	384	378	302	308	49	28

<sup>(i)</sup> Weights are approximate.

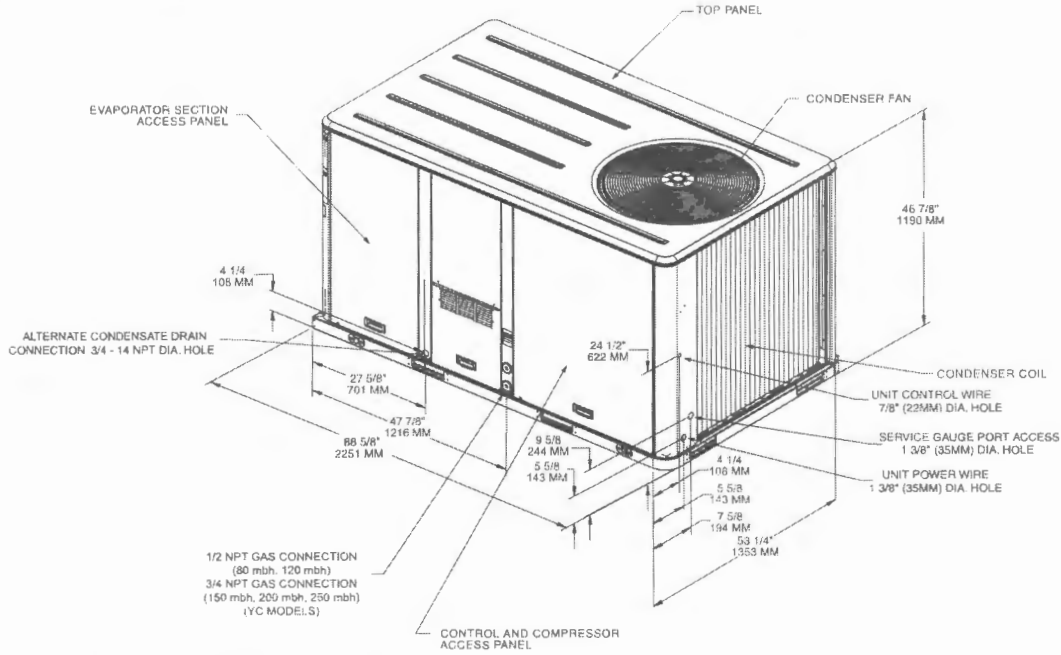
<sup>(ii)</sup> Corner weights are given for information only.

**Figure 15. Rigging and center of gravity**



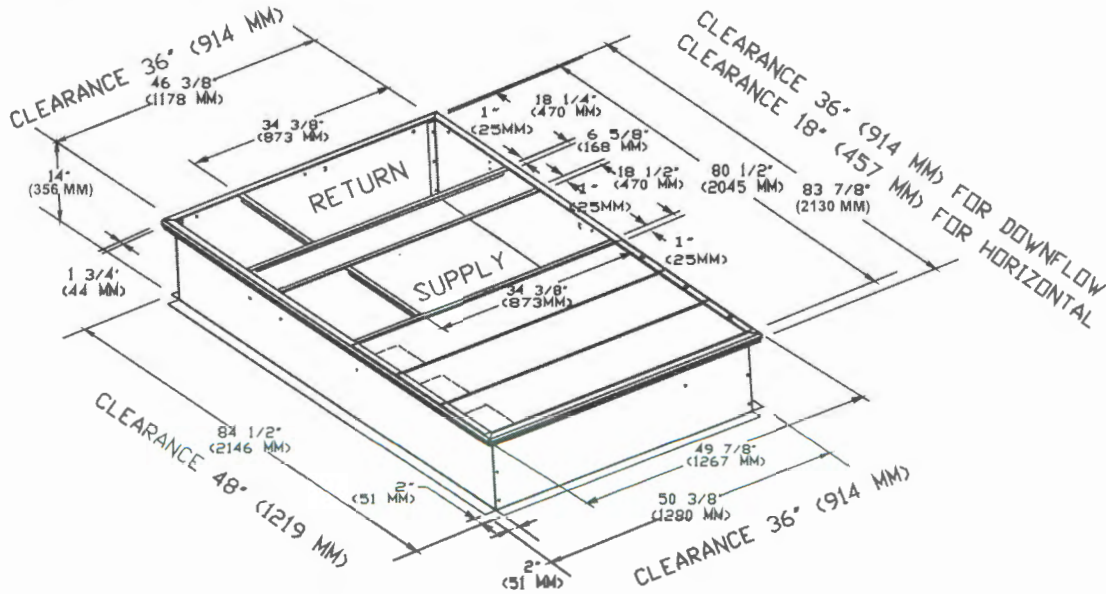
**Figure 8. 7½ tons (dual) - 10 tons standard efficiency, 6 tons high efficiency**

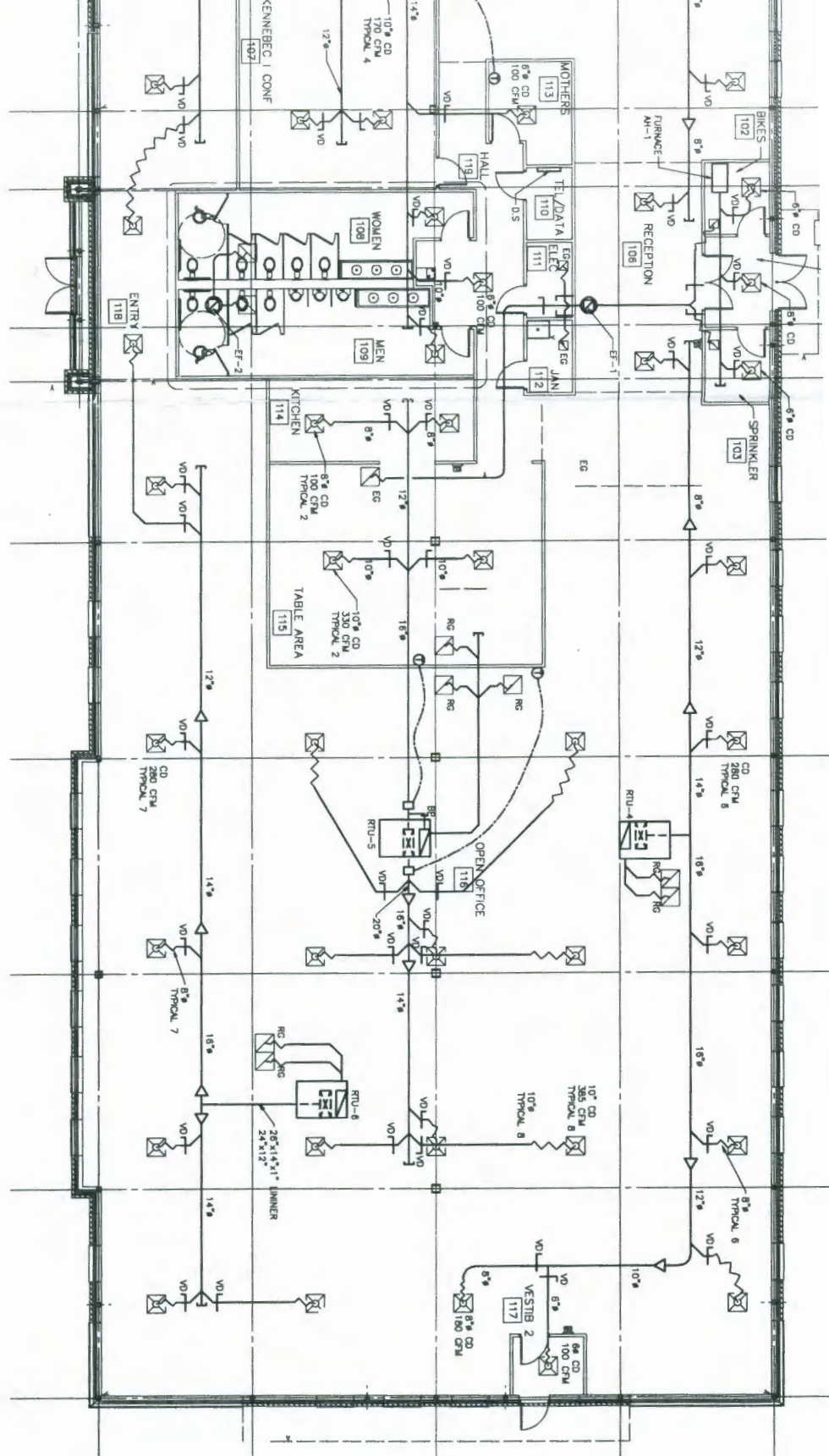
Note: All dimensions are in inches/millimeters.



**Figure 9. 7½ tons (dual) - 10 tons standard efficiency, 6 tons high efficiency - roof curb**

Note: All dimensions are in inches/millimeters.





ROOF TOP UNIT SCHEDULE

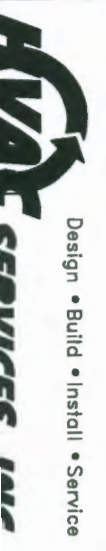
FIG.	MODEL	UNIT POWER	SUPPLY FAN	EXHAUST FAN	COOLING COIL	GAS FIBER HEATING SECTION		
		HAVE	NOSE PHASE	VOLTS	CFM	HP (RTU)	INLET (MBH)	OUTPUT (MBH)
107	170 CD	60	3	208	4,200	3.8	150,000	10
108	170 CD	60	3	208	4,200	3.8	150,000	10
109	170 CD	60	3	208	4,200	3.8	150,000	10
110	170 CD	60	3	208	4,200	3.8	150,000	10
111	170 CD	60	3	208	4,200	3.8	150,000	10
112	170 CD	60	3	208	4,200	3.8	150,000	10
113	170 CD	60	3	208	4,200	3.8	150,000	10
114	170 CD	60	3	208	4,200	3.8	150,000	10
115	170 CD	60	3	208	4,200	3.8	150,000	10
116	170 CD	60	3	208	4,200	3.8	150,000	10
117	170 CD	60	3	208	4,200	3.8	150,000	10
118	170 CD	60	3	208	4,200	3.8	150,000	10
119	170 CD	60	3	208	4,200	3.8	150,000	10
120	170 CD	60	3	208	4,200	3.8	150,000	10
121	170 CD	60	3	208	4,200	3.8	150,000	10
122	170 CD	60	3	208	4,200	3.8	150,000	10
123	170 CD	60	3	208	4,200	3.8	150,000	10
124	170 CD	60	3	208	4,200	3.8	150,000	10
125	170 CD	60	3	208	4,200	3.8	150,000	10
126	170 CD	60	3	208	4,200	3.8	150,000	10
127	170 CD	60	3	208	4,200	3.8	150,000	10
128	170 CD	60	3	208	4,200	3.8	150,000	10
129	170 CD	60	3	208	4,200	3.8	150,000	10
130	170 CD	60	3	208	4,200	3.8	150,000	10
131	170 CD	60	3	208	4,200	3.8	150,000	10
132	170 CD	60	3	208	4,200	3.8	150,000	10
133	170 CD	60	3	208	4,200	3.8	150,000	10
134	170 CD	60	3	208	4,200	3.8	150,000	10
135	170 CD	60	3	208	4,200	3.8	150,000	10
136	170 CD	60	3	208	4,200	3.8	150,000	10
137	170 CD	60	3	208	4,200	3.8	150,000	10
138	170 CD	60	3	208	4,200	3.8	150,000	10
139	170 CD	60	3	208	4,200	3.8	150,000	10
140	170 CD	60	3	208	4,200	3.8	150,000	10
141	170 CD	60	3	208	4,200	3.8	150,000	10
142	170 CD	60	3	208	4,200	3.8	150,000	10
143	170 CD	60	3	208	4,200	3.8	150,000	10
144	170 CD	60	3	208	4,200	3.8	150,000	10
145	170 CD	60	3	208	4,200	3.8	150,000	10
146	170 CD	60	3	208	4,200	3.8	150,000	10
147	170 CD	60	3	208	4,200	3.8	150,000	10
148	170 CD	60	3	208	4,200	3.8	150,000	10
149	170 CD	60	3	208	4,200	3.8	150,000	10
150	170 CD	60	3	208	4,200	3.8	150,000	10

EXHAUST FAN SCHEDULE

EXHAUSTER	MODEL #	AIR FLOW	S.P.	VOLTS	HP
ENH100	C-095	863	0.3	115	1590
					1/8

UNIT HEATER

MODEL #	RTU'S	RTU'S	RTU'S	RTU'S	RTU'S	RTU'S
TURNOVER	INPUT	OUTPUT	MOLE	POWER	MOA	MOA
	7AK	7AK	92%	119/80/71	9.5	

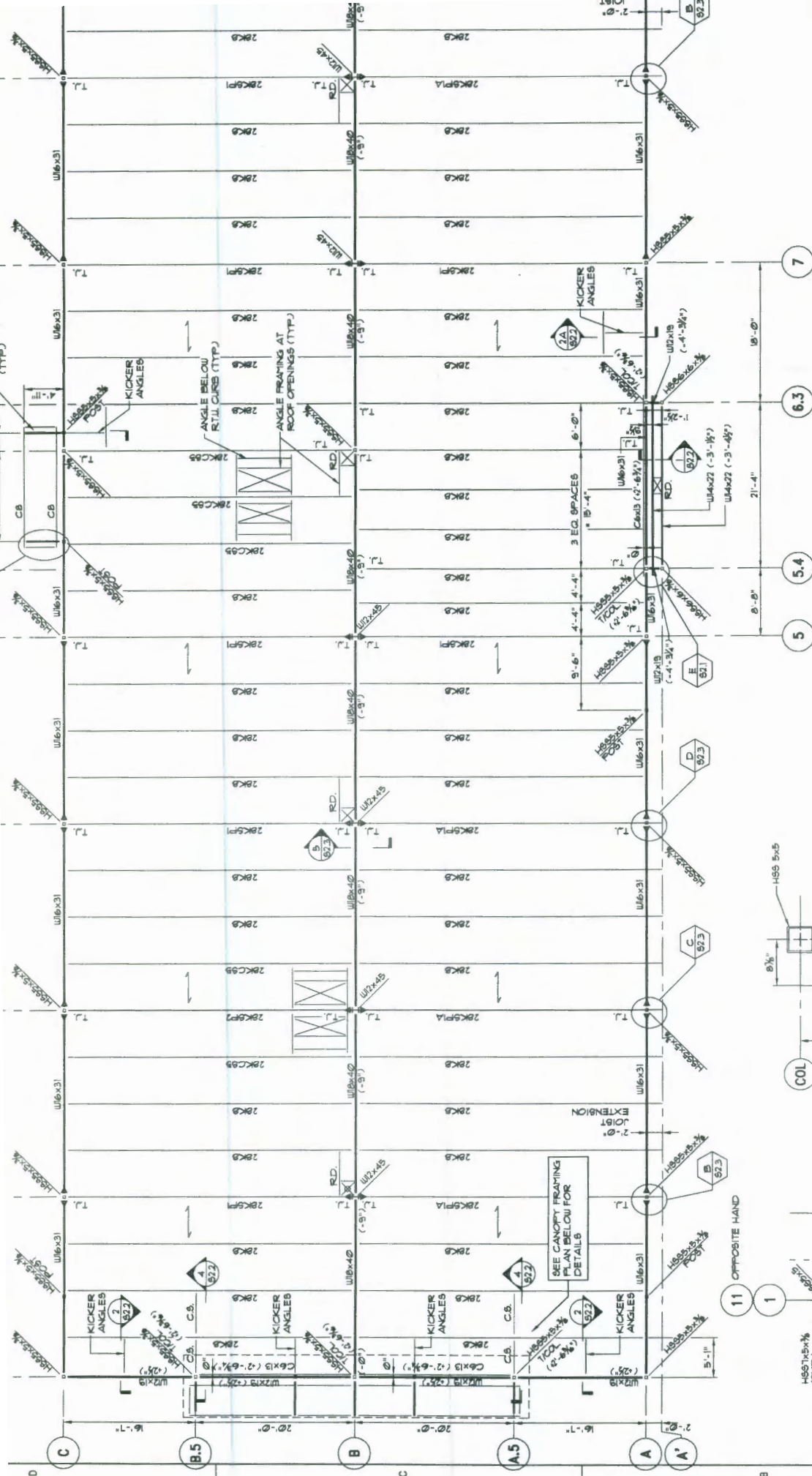


Design • Build • Install • Service

NO. REVISIONS

NOTES PROJECT: J.B. BROWN  
885 Washington ave. Portland  
Portland, Maine

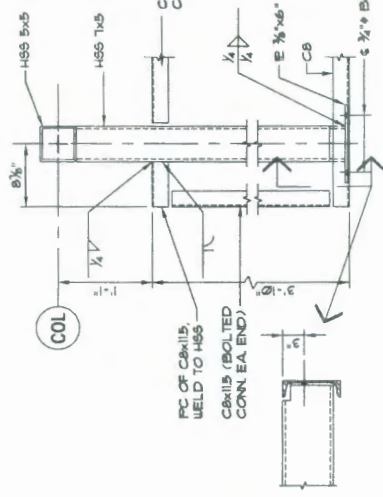




**ROOF FRAMING PLAN**  
1/8" = 1'-0"

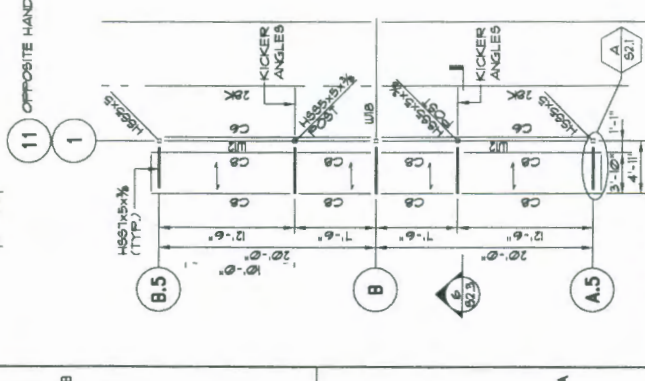
**NOTES:**

1. TOP OF STEEL (7/8" TL) ± 15'-1 1/8" UNLESS NOTED OTHERWISE (A X-Y-Y).
2. T.I. = TIE JOISTS
3. JOISTS ARE EQUALLY SPACED BETWEEN COL LINES AND/OR BEAMS UNLESS NOTED OTHERWISE
4. RD, EF, RP = ROOF DRAIN, EXHAUST FAN, OR OTHER ROOF PENETRATION REQUIRING METAL DECK SUPPORT. SEE NOTE IN BOX BELOW.
5. METAL ROOF DECK, 1/2" TYPE B, 22 GA. WIDE RIB, PAINTED.
6. ← INDICATES DIRECTION OF DECK SPAN
6. ↙ INDICATES MOMENT FRAME CONNECTION



**DETAIL**  
1/4" = 1'-0"

**TYPICAL FRAMING AT CANOPY ENDS**  
(TYP. AT BOTH ENDS OF CANOPIES • NORTH, EAST, 4 WEST WALLS)



MARK	MAX. CLEAR OPENING	LINTEL	REMARKS
EXTERIOR VENEER	DOORS & WINDOWS		

**NOTE:**  
AS PART OF OVERALL PROJECT COORDINATION, THE GENERAL CONTRACTOR SHALL DETERMINE DIMENSIONS FOR ROOF PENETRATIONS, FRAMING AROUND OPENINGS, AND FRAMING FOR