

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

INSPECTION

PERMIT

Permit Number: 081093

Please Read
Application And
Notes, If Any,
Attached

This is to certify that 264 BRACKETT STREET / Revision Energy LLC

has permission to installing Solar hot water collectors, solar facing side of roof. The collectors will be piped to a solar storage tank

AT 264 BRACKETT ST PL 063-D003001

provided that the person or persons who accept this permit shall comply with all of the provisions of the Statutes of the State and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

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

Notification of inspection must be given and when permission procedure before this building or part thereof is closed or closed-in. 4 HOUR NOTICE IS REQUIRED.

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

PERMIT ISSUED

OTHER REQUIRED APPROVALS

SEP 15 2008

Fire Dept.
Health Dept.
Appeal Board
Other

CITY OF PORTLAND

9/15/08 *[Signature]*
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 08-1093	Issue Date: 9/15/08	CBL: 063 D003001
-----------------------	------------------------	---------------------

Location of Construction: 264 BRACKETT ST	Owner Name: 264 BRACKETT STREET LLC	Owner Address: PO BOX 774	Phone:
Business Name:	Contractor Name: Revision Energy LLC	Contractor Address: 109 Fox Street Portland	Phone 2072216342
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Multi Family	Zone: R-6

Past Use: Multi-Family - 4 Units	Proposed Use: Multi-Family - 4 Units - installing Solar hot water collectors, south facing side of roof. The collectors will be piped to a solar storage tank	Permit Fee: \$170.00	Cost of Work: \$14,621.00	CEO District: 2	4,967*
-------------------------------------	--	-------------------------	------------------------------	--------------------	--------

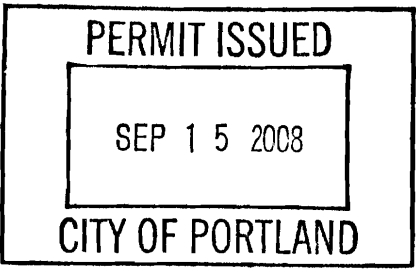
FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-2 Type: 5B IRC-2002
Signature:	Signature: 9/15/08 CLM
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)	
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	
Signature:	Date:

Proposed Project Description:
installing Solar hot water collectors, south facing side of roof. The collectors will be piped to a solar storage tank

Permit Taken By: Idobson	Date Applied For: 09/02/2008	Zoning Approval
-----------------------------	---------------------------------	------------------------

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Denied Date: 9/14/08	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 TO PLANNING <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: 9/8/08 D. Andrews
--	---	--



CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - Building or Use Permit

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

Permit No: 08-1093	Date Applied For: 09/02/2008	CBL: 063 D003001
-----------------------	---------------------------------	---------------------

Location of Construction: 264 BRACKETT ST	Owner Name: 264 BRACKETT STREET LLC	Owner Address: PO BOX 774	Phone:
Business Name:	Contractor Name: Revision Energy LLC	Contractor Address: 109 Fox Street Portland	Phone (207) 221-6342
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Multi Family	

Proposed Use: Multi-Family - 4 Units - installing Solar hot water collectors, south facing side of roof. The collectors will be piped to a solar storage tank	Proposed Project Description: installing Solar hot water collectors, south facing side of roof. The collectors will be piped to a solar storage tank
--	---

Dept: Historic **Status:** Approved with Conditions **Reviewer:** Deborah Andrews **Approval Date:** 09/08/2008
Note: **Ok to Issue:**
 1) * Approved on basis of supplemental materials submitted to HP staff, which were approved on 8/20/08.

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 09/04/2008
Note: **Ok to Issue:**
 1) ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.
 2) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
 3) This property shall remain a four (4) family dwelling. Any change of use shall require a separate permit application for review and approval.
 4) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 09/15/2008
Note: **Ok to Issue:**
 1) Equipment must be installed in compliance with the manufacturer's specifications
 2) All penetrations through rated assemblies must be protected by an approved firestop system installed in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.
 3) The appliance shall be installed in accordance with the IMC 2003 and NFPA 211
 4) This permit DOES NOT certify the use of the property or building. It only authorizes the construction activities.
 5) Separate permits are required for any electrical, plumbing, or HVAC systems. Separate plans may need to be submitted for approval as a part of this process.
 6) ANY exterior work requires separate review and approval thru Historic Preservation

Dept: Fire **Status:** **Reviewer:** Capt Greg Cass **Approval Date:**
Note: **Ok to Issue:**

Comments:
 9/8/2008-gg: received permit from historic as of 9/8/08. /gg gave to Captain Cass



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>264 Brackett St Portland, ME 04102</u>		
Total Square Footage of Proposed Structure/Area		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# <u>88</u> Block# <u>L</u> Lot# <u>13</u>	Applicant * must be owner, Lessee or Buyer* Name <u>Revision Energy LLC</u> Address <u>109 Fox Street</u> City, State & Zip <u>Portland, ME 04101</u>	Telephone: <u>(207) 221 6342</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name <u>Ann Prescott</u> Address <u>264 Brackett St</u> City, State & Zip <u>Portland, ME 04102</u>	Cost Of Work: \$ <u>14,621.00</u> C of O Fee: \$ _____ Total Fee: \$ <u>170</u>
Current legal use (i.e. single family) <u>apartment</u> If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>Revision Energy will be installing solar hot water collectors to the south facing roof of the building - the collectors will be piped to a solar storage tank -</u>		
Contractor's name: <u>Revision Energy LLC</u> Address: <u>109 Fox St</u> City, State & Zip <u>Portland, ME 04101</u> Telephone: <u>221-6342</u> Who should we contact when the permit is ready: <u>Jen</u> Telephone: <u>221-6342</u> Mailing address: <u>109 Fox St Portland, ME 04101</u>		

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: 9/2/08

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



DESIGN, INSTALLATION AND SERVICE OF RENEWABLE AND EFFICIENT ENERGY SYSTEMS

September 2, 2008

RE: Prescott Solar hot water installation
Address: 264 Brackett St, Portland, Maine

To Whom it May Concern:

I have reviewed the condition of the existing roof structure at the project side, and the installation method described in the attachment and find them to be sufficient and in accordance with applicable codes and standards.

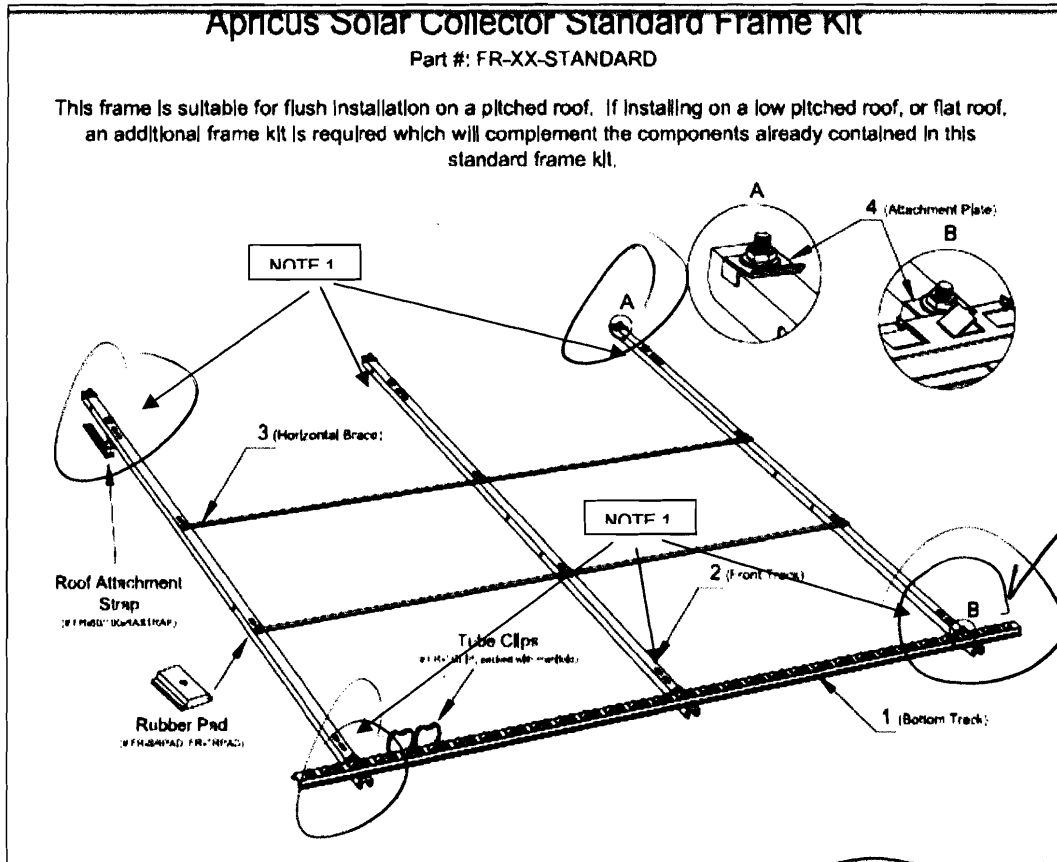
Respectfully,

A handwritten signature in black ink, appearing to read 'F. Mueller', is written over a light blue horizontal line.

Fortunat Mueller
Maine PE # 11246



ReVision Energy Roof Apricus roof mounting Instructions



Note 1 : Fasten Frame to Roof structure (not decking) using qty (6) 5/16" x 3" stainless steel lag screws. Drill pilot holes before installation.

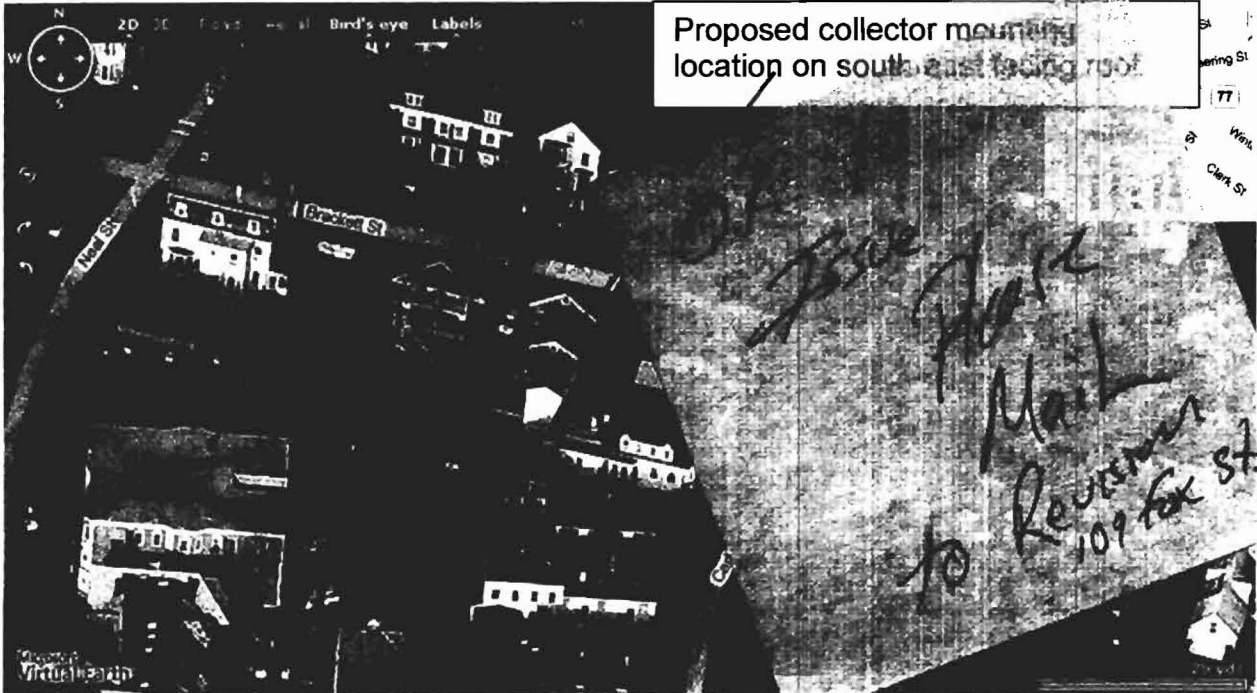
Note 2: additional roof dead load < 4.5 psf



DESIGN, INSTALLATION AND SERVICE OF RENEWABLE AND EFFICIENT ENERGY SYSTEMS

Solar Domestic Hot Water Proposal with Optional Boiler Control Upgrade

Client: Anne Prescott and Peter Heinz
Address: 264 Brackett Street, Portland, ME
Date: May 29, 2008



Proposed collector mounting location on south east facing roof



Proposed solar hot water collector location as seen from driveway (system is not visible from driveway or Brackett Street)

Proposed system is a 90 evacuated tube solar hot water system with total dimensions of 22 ft by 7 ft. The system is expected to produce more than 24 Million BTUs of clean renewable energy each year.



DESIGN, INSTALLATION AND SERVICE OF RENEWABLE AND EFFICIENT ENERGY SYSTEMS



Proposed solar roof is just barely visible, from one location on Carleton Street.

Some examples of evacuated tube solar systems:



40 tube system in Portland

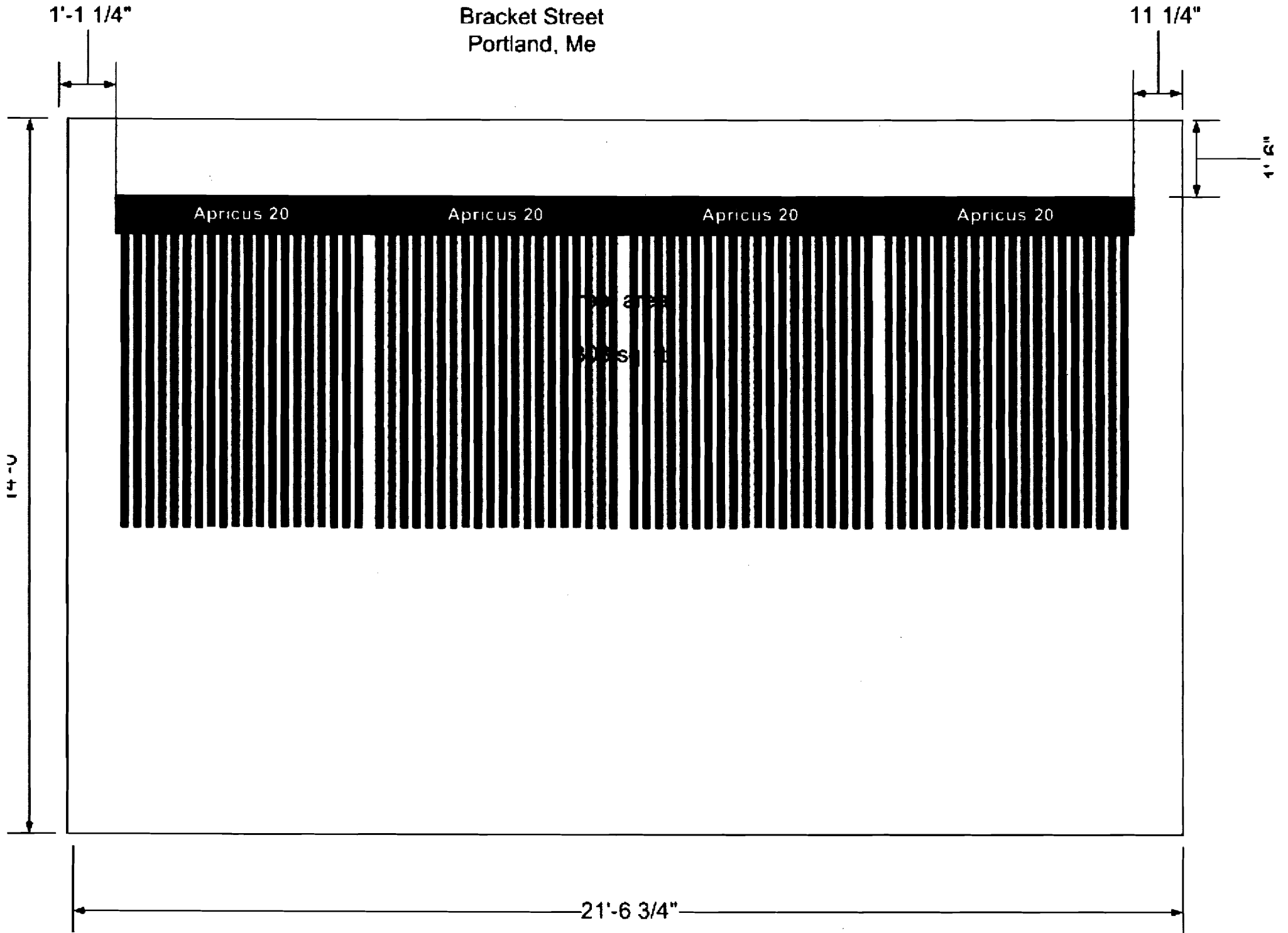


DESIGN, INSTALLATION AND SERVICE OF RENEWABLE AND EFFICIENT ENERGY SYSTEMS



60 tube system in Cape Elizabeth

Prescott Roof
Bracket Street
Portland, Me



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 completion of work.**

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.

Signature of Applicant/Designee

Date

Signature of Inspections Official

Date