

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND

# BUILDING PERMIT

This is to certify that JEREMY& FISCHER

Located At 111 BANCROFT ST

Job ID: 2011-05-1104-ALTR

CBL: 193 - - A - 013 - 001 - - - -

has permission to 10' x 12' deck & removal of windows

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues 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

06/23/2011

\_\_\_\_\_  
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.**

1. Footings/ Setbacks
2. Close-In: (Electrical, Plumbing, Framing)
3. 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](http://www.portlandmaine.gov)

Director of Planning and Urban Development  
Penny St. Louis

Job ID: 2011-05-1104-ALTR

Located At: 111 BANCROFT

CBL: 193 - - A - 013 - 001 - - - -

## Conditions of Approval:

### **Zoning**

1. This permit is being approved on the basis of plans submitted including the revised plans submitted June 17, 2011. Any deviations shall require a separate approval before starting that work.
2. This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.

### **Building**

1. **R502.6 Bearing.** The ends of each joist, beam or girder shall have not less than 1.5 inches (38 mm) of bearing on wood or metal and not less than 3 inches (76 mm) on masonry or concrete except where supported on a 1-inch-by-4-inch (25.4 mm by 102 mm) ribbon strip and nailed to the adjacent stud or by the use of *approved* joist hangers.
2. R311.5.1 Attachment. Exterior landings, decks, balconies, stairs and similar facilities shall be positively anchored to the primary structure to resist both vertical and lateral forces or shall be designed to be self-supporting. Attachment shall not be accomplished by use of toenails or nails subject to withdrawal.
3. A graspable handrail (34-38 inches in height) shall be provided on at least one side of each continuous run of treads or flight with four or more risers. Fall protection (36 inches) from exterior decks may be required if floor joist are at or above thirty (30) inches from grade.
4. The maximum riser height shall be 7 3/4 inches; the minimum tread depth shall be 10 inches.
5. Frost protection must be installed per the enclosed detail as discussed w/owner/contractor (at least 4' from grade). A qualified installed per Manufacturers' recommendation is required for the proposed Techno® Post.

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

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

Job No: 2011-05-1104-ALTR	Date Applied: 5/16/2011	CBL: 193 - - A - 013 - 001 - - - - -	
Location of Construction: 111 BANCROFT ST	Owner Name: JEREMY & SARAH FISCHER	Owner Address: 111 BANCROFT ST PORTLAND, ME 04102	Phone: 207-551-3383
Business Name:	Contractor Name: Lane Plissy	Contractor Address: 17 Edward St., Augusta ME 04330	Phone: 207-749-9254
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG - Building	Zone: R-3
Past Use: Single Family home	Proposed Use: Single Family home -- replace window with patio door & build 10' x 12' deck w/ steps	Cost of Work: 7000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input checked="" type="checkbox"/> N/A	Inspection: Use Group: R3 Type: SR IRC, 2009 Signature: <i>SR</i>
Proposed Project Description: 111 Bancroft St. - build 12' x 10' deck		Pedestrian Activities District (P.A.D.)	

Permit Taken By:	<b>Zoning Approval</b>		
<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>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>OK w/conditional</i> <i>6/23/11 ABU</i>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <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>ABU</i>
	<b>CERTIFICATION</b>		

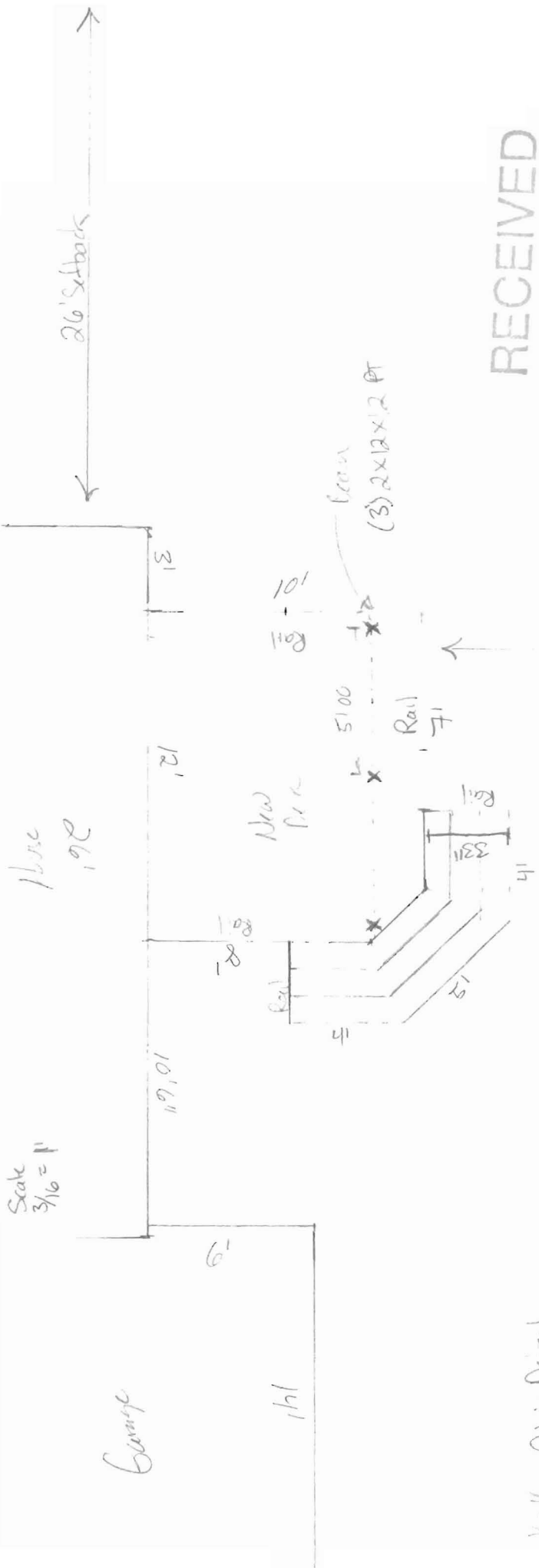
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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	PHON

Scale  
3/16" = 1"

base  
198

26' Setback



RECEIVED

JUN 17 2011

Dept. of Building Inspections  
City of Portland Maine

could be 37 but  $\text{O.D.}$   
 $\text{O.D.}$   
46' Setback

Jeremy + Sarah Fischer  
111 Bancroft St.

↓

Jeremy + Sarah Fischer  
 111 Bancroft St.  
 Portland.

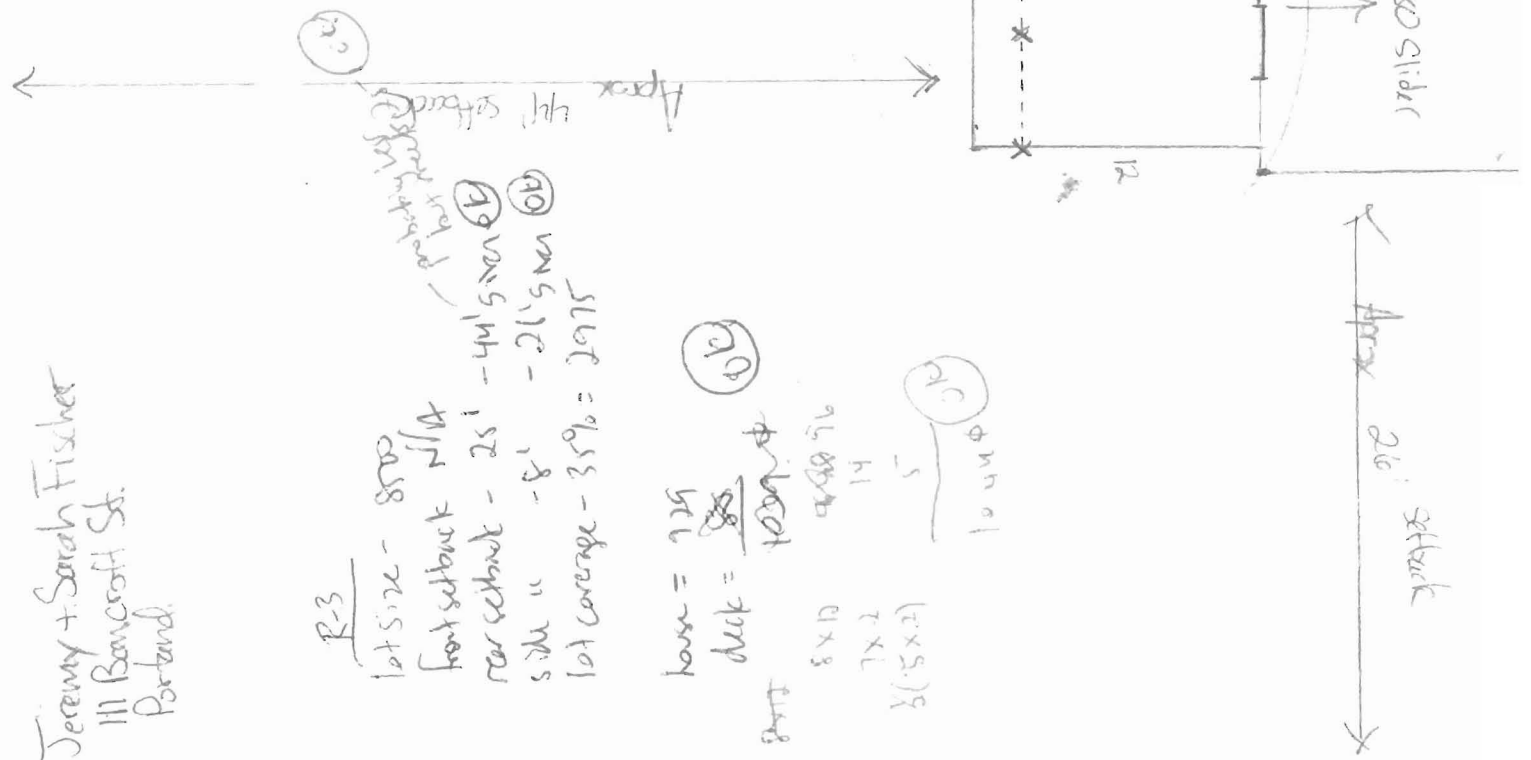
R-3  
 lot size - 8700  
 front setback 11/4  
 rear setback - 25'  
 side " - 8'  
 lot coverage - 35% = 2975

basement = 129  
 deck = ~~88~~ 1000  
 96 88 80  
 41  
 5  
 10' x 10'  
 7' x 5'  
 11' x 3'

Beams = 3 x 2x12x16 → Cambriever @ 2'  
 Footings = 4 x Techno Metal Posts @ 5' centers  
 Railings + Stairs → To Code  
 Framing = 2x10x12

\* Planned deck size reduced to 8x10 with steps.

\* see plot plan submitted 6/17/11 for size of deck



Overall House + garage dimensions unchanged for front of dwelling.  
 Parking/Driveway at front of garage. Unchanged.



# 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>111 Bancroft St.</u>		
Total Square Footage of Proposed Structure/Area <u>approx</u> <u>10 x 12 deck w/ Steps (150 sq ft)</u>	Square Footage of Lot	Number of Stories <u>2</u>
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot#	Applicant *must be owner, Lessee or Buyer* Name <u>Sarah &amp; Jeremy Fischer</u> Address <u>111 Bancroft St</u> City, State & Zip <u>Portland 04102</u>	Telephone: <u>207-551-3383</u>
Lessee/DBA (if Applicable) <u>JUN 17 2011</u>	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>7000.00</u> C of O Fee: \$ <u>—</u> Total Fee: \$ <u>90.00</u>
Current legal use (i.e. single family) <u>single family</u> Number of Residential Units <u>1</u> If vacant, what was the previous use? <u>—</u> Proposed Specific use: <u>same (deck addition)</u> Is property part of a subdivision? <u>—</u> If yes, please name <u>—</u> Project description: <u>Removal of window, installation of patio door. Build 10x12 deck with steps and rails to code. See enclosed sketches.</u>		
Contractor's name: <u>Lane Plissey</u>		
Address: <u>17 Edward St</u>		
City, State & Zip <u>Augusta, ME 04330</u>		Telephone: <u>207-749-9254</u>
Who should we contact when the permit is ready: <u>Sarah Fischer</u>		Telephone: <u>207-551-3383</u>
Mailing address: <u>111 Bancroft St, Portland, ME 04102</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](http://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: Sarah Fischer      Date: 6/14/2011

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

Sarah Fischer

111 Bancroft St. Portland, ME 04102 Phone: 207-551-3383

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June 14, 2011

City of Portland  
Inspections Division  
Room 315, City Hall  
Portland, ME 04101

To Whom It May Concern:

Please find enclosed a revised General Building Permit Application for construction of a deck at 111 Bancroft St, Portland, ME.

This application details revisions to the original application dated 5/11/2011. A check for \$17.00 is included to cover the increased fee; original check #1269 in the amount of \$73.00 was mailed with the original application.

We look forward to your response; please do not hesitate to contact me with any questions.

Sincerely,



Sarah Fischer

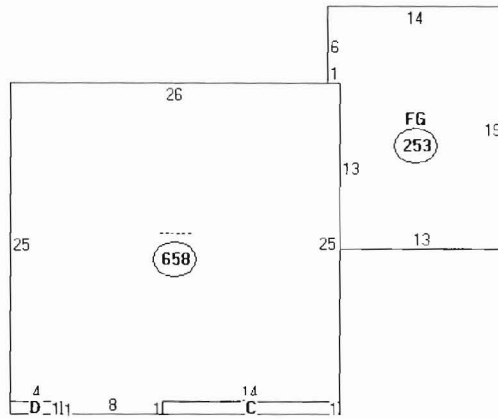
RECEIVED

JUN 17 2011

Dept. of Building Inspections  
City of Portland Maine

By  
MAY 11





Descriptor/Area

- A: .....  
658 sqft
- B: FG  
253 sqft
- C: .....  
14 sqft
- D: .....  
4 sqft

929

\* *revised application* 6/17/11



# 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>111 Bancroft St</u>		
Total Square Footage of Proposed Structure/Area <i>approx</i> <u>8x10 deck w/ steps (110 sq ft)</u>	Square Footage of Lot	Number of Stories <u>2</u>
Tax Assessor's Chart, Block & Lot Chart# <u>193</u> Block# <u>A</u> Lot# <u>013</u>	Applicant *must be owner, Lessee or Buyer* Name <u>Sarah &amp; Jeremy Fischer</u> Address <u>111 Bancroft St</u> City, State & Zip <u>Portland 04102</u>	Telephone: <u>207-551-3383</u>
Lessee/DBA (if Applicable)  <u>RECEIVED</u> <u>MAJ 16 2011</u> Dept. of Building Inspections City of Portland Maine	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>5300.00</u> C of O Fee: \$ <u>-</u> Total Fee: \$ <u>93.00</u>
Current legal use (i.e. single family) <u>single family</u> Number of Residential Units <u>1</u> If vacant, what was the previous use? <u>-</u> Proposed Specific use: <u>same (deck addition)</u> Is property part of a subdivision? <u>-</u> If yes, please name _____ Project description: <u>Removal of window, installation of patio door. Build 8x10 deck with steps and rails to code.</u>		
Contractor's name: <u>Lane Plissey</u> Address: <u>17 Edward St</u> City, State & Zip <u>Augusta, ME 04330</u> Telephone: <u>207-749-9254</u> Who should we contact when the permit is ready: <u>Sarah Fischer</u> Telephone: <u>207-551-3383</u> Mailing address: <u>111 Bancroft St, Portland, ME 04102</u>		

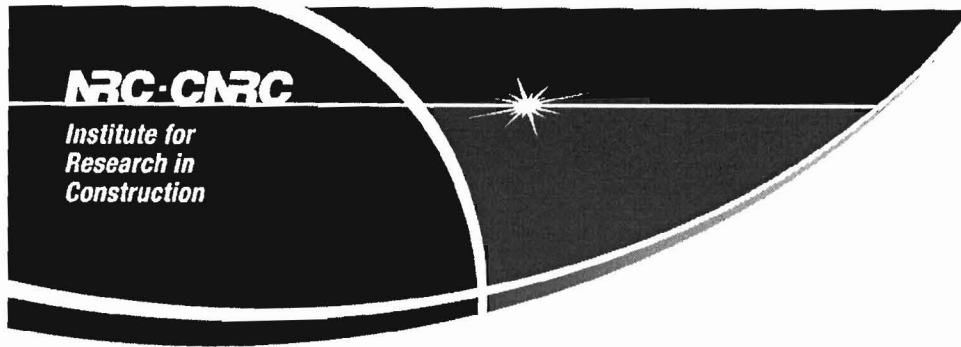
Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

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](http://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: Sarah Fischer Date: 5/10/2011

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



## Evaluation Report

### CCMC 13059-R

MASTERFORMAT DIVISION	31 62 16.01
Issued	2002-04-08
Re-evaluated	2009-03-08
Re-evaluation due	2011-04-08

# ***Techno Pieux™/Techno Metal Post***

## 1. Opinion

It is the opinion of the Canadian Construction Materials Centre (CCMC) that “Techno Pieux™/Techno Metal Post” when used as an auger-installed steel pile as a foundation system in accordance with the conditions and limitations stated in Section 3 of this Report, complies with the National Building Code of Canada (NBC) 2005:

- Clause 1.2.1.1.(1)(b), Division A, as an alternative solution that achieves at least the minimum level of performance required by Division B in the areas defined by the objectives and functional statements attributed to the following applicable acceptable solutions:
  - Subclause 9.4.1.1.(1)(c)(i)
  - Clause 4.2.3.8.(1)(e)
  - Sentence 4.2.3.10.(1)
  - Sentence 4.2.4.1.(1)

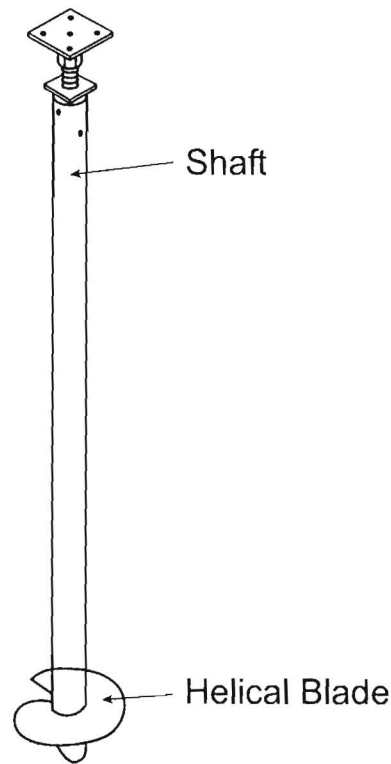
This opinion is based on CCMC’s evaluation of the technical evidence in Section 4.1 provided by the Report holder.

## 2. Description

“Techno Pieux™/Techno Metal Post” is an earth anchor constructed of helical-shaped, circular steel blades welded to a steel shaft. The blades are constructed as a helix with a carefully controlled pitch. The helix blades are available in diameters of 150 mm to 600 mm. The anchors come with single, double or triple helical blades. The diameter and number of blades are chosen based on the bearing capacity of the soil and the load the auger-installed steel pile is designed to support. The central shaft is used to transmit torque during installation and to transfer axial loads to the helical plates. The central shaft also provides most of the resistance to lateral loading. The shaft is available in diameters of 47.6 mm, 60.3 mm, 88.9 mm and 101.6 mm, and wall thicknesses of 3.7 mm, 3.9 mm, 5.5 mm and 5.7 mm respectfully. The foundation system comes with various other accessories such as support plates to adapt to the building structure, extension shafts and connectors. The shaft is covered with a ribbed polyethylene pipe, which acts as a frost sleeve to isolate the pile from being jacked up by annual frost heave in the surrounding soil.

The steel shaft conforms to ASTM A 500, grade C, and the blades and accessories conform to CAN/CSA-G40.21-M98.

Figure 1 shows a typical steel pile with a single helix.



**Figure 1. “Techno Pieux™/Techno Metal Post”**

### **3. Conditions and Limitations**

CCMC’s compliance opinion in Section 1 is bound by the “Techno Pieux™/Techno Metal Post” being used in accordance with the conditions and limitations set out below.

- “Techno Pieux™/Techno Metal Post” may be used as a foundation system to support various constructions, provided that it is installed according to the manufacturer’s current instructions and within the scope of this Evaluation Report.
- When the “Techno Pieux™/Techno Metal Post” is installed in granular soil or silt, there is a direct relationship between the applied torque and the allowable compressive and tensile loads. Table 1 indicates the allowable compressive and tensile loads as a function of the applied torque.
- When the auger-installed steel pile is installed in a cohesive soil such as clay, the relationship between the applied torque and the allowable compressive and tensile loads is not as predictable. When it is installed in such soils the allowable compressive and tensile loads have to be confirmed by agreed-upon theoretical calculations and onsite load tests. These load tests are also required if the allowable loads need to be greater than those stated in Table 1. The tests need to be conducted under the direct supervision of a professional registered geotechnical engineer skilled in such design and licensed to practice under the appropriate provincial or territorial legislation.
- In all cases, a registered professional engineer skilled in such design and licensed to practice under the appropriate provincial or territorial legislation must determine the number and spacing of the auger-installed steel piles required to carry the load. A certificate attesting to the conformity of the installation and the allowable loads for the piles must be provided.

**Table 1. Allowable Compressive and Tensile Loads for the “Techno Pieux™/Techno Metal Post” Auger-Installed Pile in Granular Soil or Silt<sup>(1)</sup>**

Applied Torque		Allowable Loads			
		Compression		Tension	
Nm	(lbf)	kN	(lb)	kN	(lb)
678	500	10	2250	5.0	1125
1017	750	15	3375	7.5	1688
1356	1000	20	4500	10.0	2250
1695	1250	25	5625	12.5	2813
2034	1500	30	6750	15.0	3375
2373	1750	35	7875	17.5	3938
2712	2000	40	9000	20.0	4500
3051	2250	45	10125	22.5	5063
3390	2500	50	11250	25.0	5625
3728	2750	55	12375	27.5	6188
4067	3000	60	13500	30.0	6750
4406	3250	65	14625	32.5	7313
4745	3500	70	15750	35.0	7875

**Note to Table 1:**

(1) The allowable loads identified in this Table are only valid when the “Techno Pieux™/Techno Metal Post” is installed in granular soil or silt. The applied torque is the average of the values attained within the last 600 mm of installation. Special attention is required when the auger-installed steel piles are installed in a recently backfilled site or in cohesive soils. In these cases, Table 1 does not apply and the allowable loads need to be determined by on-site confirmatory testing.

- The installation of the auger-installed steel pile shall be carried out as per the manufacturer’s instructions. The anchors are screwed into the ground using mechanized equipment. The anchor is rotated into the ground with sufficient applied downward pressure (crowd) to advance the anchor one pitch distance per revolution. The anchor is advanced until the applied torque value attains a specified value. Extensions are added to the central shaft as needed. The applied loads may be tensile (uplift), compressive (bearing), shear (lateral), or a combination thereof. Helical anchors are rapidly installed in a wide variety of soil formations using a variety of readily available equipment. They are immediately ready for loading after installation.
- When “Techno Pieux™/Techno Metal Post” is installed in a soil where the conditions are corrosive to steel, adequate protection to the exposed steel shall be provided.
- The installer of the “Techno Pieux™/Techno Metal Post” auger-installed steel piles must be certified by Techno Pieux Inc. Using approved equipment, the installer must follow the manufacturer’s installation instructions and the uses and limitations specified in this Report. Each installer shall carry a certification card bearing their signature and photograph.
- Each “Techno Pieux™/Techno Metal Post” auger-installed steel pile shall be identified with a label containing the following information:
  - manufacturer’s identification; and
  - the phrase “CCMC 13059-R.”

## 4. Technical Evidence

CCMC's Technical Guide for "Augered-Installed Steel Piles" sets out the nature of the technical evidence required by CCMC to enable it to evaluate a product as an acceptable or alternative solution in compliance with the NBC 2005. The Report holder has submitted test results and engineering analysis for CCMC's evaluation. Testing was conducted at an independent laboratory recognized by CCMC. The corresponding test results for "Techno Pieux™/Techno Metal Post" are summarized below.

### 4.1 NBC 2005 Compliance Data for "Techno Pieux™/Techno Metal Post" on which CCMC Based its Opinion in Section 1

"Techno Pieux™/Techno Metal Post" auger-installed steel piles were tested to ASTM D 1143-81 (1994)e1, "Standard Test Method for Piles Under Static Axial Compressive Load," ASTM D 3689-90 (1995), "Standard Test Method for Individual Piles Under Static Axial Tensile Load," and ASTM D 3966-90, "Standard Test Method for Piles Under Lateral Loads."

Testing was conducted on three different sites. The first site had granular soil, the second had clay and the third was silt. A series of 14 tests were performed. The intent of the testing was to determine a correlation between the torque applied during installation and the allowable loads. In the granular and silt-based soils, there was a good correlation between the torque applied during installation and the allowable loads. For the compressive loads noted in Table 1, the factor of safety varied from 1.93 to 2.6. For the tensile loads, the factor of safety varied from 2.1 to 3.1. For the lateral loads no correlation was possible. For the testing that was conducted on the auger-installed steel pile in a cohesive soil such as clay, the correlation between the applied torque and the allowable loads was not as predictable.

Report Holder: Techno Pieux Inc.  
1895, boul. Frontenac Est  
Thetford Mines (Québec)  
G6G 5M6

Tel.: (418) 332-2139  
Fax: (418) 332-4330

Plant: Thetford Mines (Québec)

*This Report is issued by the Canadian Construction Materials Centre, a program of the Institute for Research in Construction at the National Research Council of Canada. The Report must be read in the context of the entire CCMC Registry of Product Evaluations, including, without limitation, the introduction therein which sets out important information concerning the interpretation and use of CCMC Evaluation Reports.*

*Readers must confirm that the Report is current and has not been withdrawn or superseded by a later issue. Please refer to <http://irc.nrc.gc.ca/ccmc>, or by contacting the Canadian Construction Materials Centre, Institute for Research in Construction, National Research Council of Canada, 1200 Montreal Road, Ottawa, Ontario, K1A 0R6. Telephone (613) 993-6189. Fax (613) 952-0268.*

*NRC has evaluated the material, product, system or service described herein only for those characteristics stated herein. The information and opinions in this Report are directed to those who have the appropriate degree of experience to use and apply its contents. This Report is provided without representation, warranty, or guarantee of any kind, expressed, or implied, and the National Research Council of Canada (NRC) provides no endorsement for any evaluated material, product, system or service described herein. NRC accepts no responsibility whatsoever arising in any way from any and all use and reliance on the information contained in this Report. NRC is not undertaking to render professional or other services on behalf of any person or entity nor to perform any duty owed by any person or entity to another person or entity.*

Ledger: 2x8x12PT Attached through sheathing to Rim Joist w/ 1/2 x 5/8 Rivet Lags 12" OC

Joists: 2x8x10PT @ 16" OC w 2x8 Hangers @ 32" On Center

Beams: (3) 2x12x12 Layed Together w/ 1/2 x 1/4 Rivet Lags @ 12" OC

Footing: (3) Techno Metal Posts Set @ 5' OC w/ 6x6 Post to Beam Junctions

Installed @ 4' Depth (Below First Line)

36"

SAME PHIL  
DETAIL @  
ALL PERIMETER  
LOCATIONS

4x4 PT

5/4x6x12

2x8x10PT

2x12x12 (3) PT

6x6-Post PT

Techno Metal Post w/ Post Receiver

4x4 PT POST  
2x12x10(PT) On Flat

2x2 PT BRIS

2x4 PT

4" OC

House

30"

RECEIVED

JUN 17 2011

Dept. of Building Inspections  
City of Portland Maine