

City of Portland, Maine - Building or Use Permit Application

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

PERMIT ISSUED

Permit No: 05-0409	Issue Date: APR 15 2005	CBL: 195 B065001
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Location of Construction: 257 Bancroft St	Owner Name: Chase Jane E	Owner Address: 255 Bancroft St	Phone:
Business Name:	Contractor Name: Corey Fortier	Contractor Address: CITY OF PORTLAND	
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Dwellings	Zone: R-3

Past Use: residential	Proposed Use: residential - add steel beam in garage	\$39.00	\$1,250.00	3	
Proposed Project Description: add steel beam in garage		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied		INSPECTION: Use Group: R-3 Type: SB	
		Signature: <i>[Signature]</i>		Signature: <i>[Signature]</i>	
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)					
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied					
Signature: _____ Date: _____					

Permit Taken By: tmm	Date Applied For: 04/14/2005
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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..

Zoning Approval		
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"/> Date: 4/15/05	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 District 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: 4/15/05

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

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING DEPARTMENT

PERMIT

Permit Number: 050409

Please Read Application And Notes, If Any, Attached

This is to certify that Chase Jane E/Corey Fortier
has permission to add steel beam in garage
AT 257 Bancroft St 195 B065001

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 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 is procured before this building or part thereof is occupied or closed-in. NOTICE IS REQUIRED.

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

PERMIT ISSUED
APR 15 2005
CITY OF PORTLAND

OTHER REQUIRED APPROVALS
Fire Dept. _____
Health Dept. _____
Appeal Board _____
Other _____

[Signature] 4/15/05
Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

TELEPHONE 207-784-9371

FAX 207-784-9003

1-800-696-7799



TRI-STATE STEEL INC.

WHOLESALE DISTRIBUTORS OF STEEL PRODUCTS

REMIT TO: P.O. BOX 1207 - Auburn, Maine 04211-1207
CHASSE ST. & WASHINGTON ST., AUBURN, MAINE 04211-1207

QUOTATION ONLY

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TERMS: 1/2 of 1% 10 days. Net 30 days. No Retainage Allowed.

FAX 772-6981

Customer Order No.	Date Received	Sold By	Cash	C.O.D.	Chg.	Date Shipped	Invoice Date	Shipped Via:
	4-15-05							O.T.

Quantity Ordered	Quantity Shipped	Description	Weight*	Unit Price	Amount
		ATTACHED IS A COPY FROM			
		THE AISC MANUAL OF STEEL			
		CONSTRUCTION - ALLOWABLE			
		STRESS DESIGN.			
		W12x9 x 19' WILL HOLD			
		18,000# UNIFORM LOAD.			
		Fy = 36 KSI Sx = 21.3 IN ³			

* Weight subject to correction.

BEAMS
W Shapes
Allowable uniform loads in kips
for beams laterally supported

For beams laterally unsupported, see page 2-146

W 12



Designation	W 12				W 12				Deflection in.	
	50	45	40	35	30	26	22	19		16
Flange Width	8 1/2	8	8	6 1/2	6 1/2	6 1/2	4 3/8	4 3/8	4 3/8	3 5/8
L _c	19.6	17.7	16.0	12.6	10.8	9.40	8.40	5.30	4.30	4.20
L _u	3	4	5	6	7	8	9	10	11	12
8	130	118	101	108	92	81	82	76	69	69
9	114	102	91	80	68	59	45	37	30	28
10	102	92	82	72	61	53	40	34	27	24
11	93	84	75	66	56	48	37	31	25	21
12	85	77	69	60	51	44	34	28	23	20
13	79	71	63	56	47	41	31	26	21	18
14	73	66	59	52	44	38	29	24	19	17
15	68	61	55	48	41	35	27	22	18	16
16	64	58	51	45	38	33	25	21	17	15
17	60	54	48	42	36	31	24	20	16	14
18	57	51	46	40	34	29	22	19	15	13
19	54	48	43	38	32	28	21	18	14	12
20	51	46	41	36	31	26	20	17	14	12
21	49	44	39	34	29	25	19	16	13	11
22	47	42	37	33	28	24	18	15	12	10
23	46	40	36	31	27	23	17	15	12	10
24	43	38	34	30	25	22	17	14	11	10
25	41	37	33	29	24	21	16	13	11	9
26	39	35	32	28	24	20	15	13	10	9
28	37	33	30	26	22	19	14	12	10	8
30	34	31	27	24	20	18	13	11	9	8

Properties and Reaction Values										
S _x in ²	126	112	109	98.5	85.9	75.7	66.7	60.0	54.6	49
V _x kips	124	109	107	94	81	70	62	54	48	43
R ₁ kips/in.	84.1	70.7	58.4	47.2	39.4	32.7	27.5	24.0	21.0	18.0
R ₂ kips/in.	17.9	16.2	14.4	12.6	11.2	9.98	8.79	8.08	7.38	6.68
R ₃ kips	150	121	95.6	73.4	57.7	45.8	36.0	30.3	25.0	20.0
R ₄ kips/in.	18.5	15.5	12.6	9.88	7.93	6.52	5.00	4.30	3.80	3.30
R ₅ kips	147	127	109	91	78	68	54	45	38	33

Load above heavy line is limited by maximum allowable web shear. Values of R in bold face exceed maximum web shear.

Designation	W 10										
	112	100	88	77	68	60	54	49			
Flange Width	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10			
L _c	11.0	10.9	10.8	10.8	10.7	10.6	10.6	10.6			
L _u	53.2	48.2	43.3	38.6	34.8	31.1	28.2	26.0			
8	247	217	189	162	141	124	108	98			
9	222	197	173	151	133	117	106	96			
10	200	177	155	136	120	106	95	86			
11	181	161	142	124	109	96	86	79			
12	168	148	130	113	100	88	79	72			
13	154	138	120	105	92	81	73	67			
14	143	127	111	97	86	75	68	62			
15	133	118	104	91	80	70	63	58			
16	125	111	98	85	75	66	59	54			
17	117	104	92	80	71	62	56	51			
18	111	99	87	78	67	59	53	48			
19	105	93	82	72	63	56	50	46			
20	100	89	78	68	60	53	48	43			
21	95	84	74	65	57	50	45	41			
22	91	81	71	62	55	48	43	39			
23	87	77	68	59	52	46	41	38			
24	83	74	65	57	50	44	40	36			

Properties and Reaction Values

Load above heavy line is limited by maximum allowable web shear. Values of R in bold face exceed maximum web shear.

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 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.

- _____ Footing/Building Location Inspection: Prior to pouring concrete
- _____ Re-Bar Schedule Inspection: Prior to pouring concrete
- _____ Foundation Inspection: Prior to placing ANY backfill
- ✓ Framing/Rough Plumbing/Electrical: Prior to any insulating or drywalling
- ✓ Final/Certificate of Occupancy: Prior to any occupancy of the structure or use. NOTE: There is a \$75.00 fee per inspection at this point.

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.

_____ **CERTIFICATE OF OCCUPANCIES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED**

[Signature] _____ Date 4/15/05
 Signature of Applicant/Designee
[Signature] _____ Date _____
 Signature of Inspections Official
 CBL: 195-B-65 Building Permit #: 05-0409