

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that ST JOHN STREET ASSOCIATES

Located At 54 ST JOHN ST

Job ID: 2011-08-2041-ALTCOMM

CBL: 070 - - A - 005 - 001 - - - -

has permission to Add internal divider walls for process cleaning at 4 locations 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

[Handwritten signature] 9/6/11

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**

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-08-2041-ALTCOMM	Date Applied: 8/19/2011	CBL: 070 - - A - 005 - 001 - - - - -	
Location of Construction: 54 ST JOHN ST	Owner Name: ST JOHN STREET ASSOCIATES	Owner Address: PO BOX 4821 PORTLAND, ME - MAINE 04112	Phone:
Business Name: Barber Foods	Contractor Name: Michael M. Cushing	Contractor Address: 54 St John St, Portland, ME	Phone: 232-3853
Lessee/Buyer's Name:	Phone:	Permit Type: comm'l alterations	Zone: I-Mb
Past Use: Food manufacturer	Proposed Use: Same: Food manufacturer – to add internal divider walls for process cleaning	Cost of Work: \$150,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved <i>12/conditions</i> <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type: 2B F-1 Signature: JMB 9/6/11
Proposed Project Description: Divide walls for process cleaning		Signature: <i>[Signature]</i> (58)	
		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie	Zoning Approval		

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input checked="" type="checkbox"/> Not in Dist or Landmark
<input type="checkbox"/> Wetlands	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does not Require Review
<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 S</i> 8/25/11	Date:	Date: <i>[Signature]</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 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

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: 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. Close In Inspection Framing/Electrical/Plumbing, prior to insulation or drywall covering
 2. Final Inspection at completion of work

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

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Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-08-2041-ALTCOMM

Located At: 54 ST JOHN

CBL: 070 - - A - 005 - 001 - - - -

Conditions of Approval:

Fire

1. All construction shall comply with City Code Chapter 10.
2. Number and arrangement of means of egress shall comply with NFPA 101, *Life Safety Code*, 2009 edition.
3. This permit is being approved on the basis of the plans submitted. Any deviation from the plans would require amendments and approval.
4. The Fire alarm and Sprinkler systems shall be reviewed by a licensed contractor[s] for code compliance. Compliance letters are required.
5. A separate Fire Alarm Permit is required for new systems; or for work effecting more than 5 fire alarm devices; or replacement of a fire alarm panel with a different model.
6. Fire Alarm system shall be maintained. If system is to be off line over 4 hours a fire watch shall be in place. Dispatch notification required 874-8576.
7. A separate Suppression System Permit is required for all new suppression systems or sprinkler work effecting more than 20 heads.
8. Sprinkler protection shall be maintained. Where the system is to be shut down for maintenance or repair, the system shall be checked at the end of each day to insure the system has been placed back in service.
9. A sprinkler or fire alarm system requires a Knox Box to be installed per city ordinance.
10. Fire extinguishers are required per NFPA 10.
11. Emergency lights and exit signs are required. Emergency lights and exit signs are required to be labeled in relation to the panel and circuit and on the same circuit as the lighting for the area they serve.
12. Any cutting and welding done will require a Hot Work Permit from Fire Department.

Building

1. Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
2. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.



OWNER'S REPRESENTATIVE

General Building Permit Application

Dub

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>BARBER Foods LLC 54 ST. JOHN ST. PORTLAND, MAINE</u>		
Total Square Footage of Proposed Structure/Area <u>NA</u>	Square Footage of Lot <u>N.A.</u>	Number of Stories
Tax Assessor's Chart, Block & Lot Chart# <u>70</u> Block# <u>A</u> Lot# <u>S</u>	Applicant * must be owner, Lessee or Buyer * Name <u>MICHAEL M CUSHING</u> Address <u>54 ST. JOHN ST.</u> City, State & Zip <u>PORTLAND, MAINE 04102</u>	Telephone: <u>207-541-2816</u> <u>OFFICE</u> <u>207-232-3853</u> <u>CELL</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name <u>BARBER FOOD LLC</u> Address <u>54 ST. JOHN STREET</u> City, State & Zip <u>PORTLAND MAINE 04102</u>	Cost Of Work: \$ <u>150,000.⁰⁰</u> C of O Fee: \$ <u>1520.⁰⁰</u> Total Fee: \$ <u>1520.⁰⁰</u>
Current legal use (i.e. single family) <u>NA</u> Number of Residential Units _____ If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>Divide walls for Process Cleaning.</u>		
Contractor's name: _____ Address: _____ City, State & Zip _____ Telephone: _____ Who should we contact when the permit is ready: <u>MICHAEL M. CUSHING</u> Telephone: <u>232-3853</u> Mailing address: <u>54 ST. JOHN STREET, PORTLAND MAINE 04102</u> <u>CELL</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.

RECEIVED

AUG 19 2011

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: Michael M. Cushing, LLC Date: 8-17-2011

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



Certificate of Design

Date: August 17, 2011

Robert A. Mohlin, P.E.

From: _____

These plans and / or specifications covering construction work on:

Barber Foods, Room Divider Walls and Doors to allow

Process Clean up.

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.



Signature: Robert A. Mohlin

Title: President

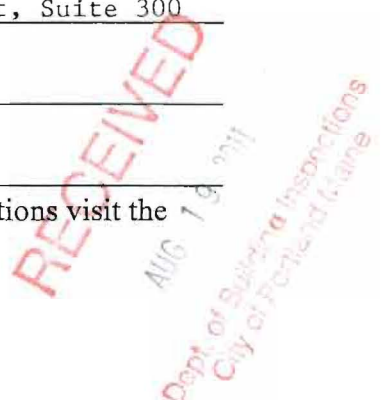
Firm: Mohlin & Company

Address: 146 Main Street, Suite 300

Saco, ME 04072

Phone: 207-283-9151

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov





Accessibility Building Code Certificate

Designer: Robert A. Mohlin, P.E.

Address of Project: Barber Foods
54-70 St. John Street, Portland, ME 04102

Nature of Project: Installing Room Divider Walls and Doors
to allow Process Clean up.

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.



Signature: Robert A. Mohlin

Title: President

Firm: Mohlin & Company

Address: 146 Main Street, Suite 300
Saco, ME 04072

Phone: 207-283-9151

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STEEL FRAMING COMPONENTS & ACCESSORIES

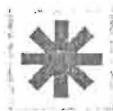
Drywall, Plaster, Curtain Wall and Load-Bearing Construction

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GAGE	MILS
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22	27
DW 20	30
20	33
18	43
16	54
14	68
12	97

$33 + 43 \text{ MIL} = 33 \text{ KSI}$
 $54 \rightarrow 97 \text{ MIL} = 50 \text{ KSI}$



UNIVERSAL
INCORPORATED

Physical and Structural Properties –6" Members

Technical Services Hotline 800-969-4110

Member	Thickness (in)	Gross Properties							Torsional Properties					Effective Properties							
		Weight (lb/ft)	A (in ²)	I _x (in ⁴)	S _x (in ³)	I _y (in ⁴)	r _x (in)	r _y (in)	Jx1000 (in ⁴)	C _w (in ⁶)	X _c (in)	β	R ₀ (in)	33 ksi				50 ksi			
														I _e (in ⁴)	S _e (in ³)	M _a (k-in)	V _a (lb)	I _e (in ⁴)	S _e (in ³)	M _a (k-in)	V _a (lb)
6" Studs																					
600S137-33	0.0346	1.08	0.318	1.582	0.527	0.069	2.229	0.464	0.127	0.493	-0.823	0.884	2.421	1.582	0.510	10.07	612	1.582	0.413	12.38	612
600S137-43	0.0451	1.41	0.413	2.042	0.681	0.087	2.223	0.459	0.280	0.625	-0.813	0.886	2.411	2.042	0.670	14.80	1358	2.042	0.641	19.19	1358
600S137-54	0.0566	1.75	0.514	2.518	0.839	0.105	2.213	0.452	0.549	0.757	-0.804	0.888	2.398	2.518	0.839	18.98	2708	2.518	0.809	27.23	2708
600S137-68	0.0713	2.18	0.640	3.094	1.031	0.125	2.200	0.443	1.084	0.911	-0.793	0.889	2.380	3.094	1.031	24.05	4442	3.094	1.029	35.60	5468
600S137-97	0.1017	3.03	0.889	4.188	1.396	0.159	2.170	0.422	3.066	1.179	-0.770	0.892	2.341	4.188	1.396	34.48	7372	4.188	1.396	50.80	11124
600S162-33	0.0346	1.17	0.344	1.793	0.598	0.116	2.282	0.581	0.137	0.851	-1.091	0.823	2.595	1.793	0.577	11.41	612	1.793	0.479	14.35	612
600S162-43	0.0451	1.52	0.447	2.316	0.772	0.148	2.276	0.576	0.303	1.082	-1.081	0.825	2.585	2.316	0.767	16.68	1358	2.316	0.696	20.84	1358
600S162-54	0.0566	1.89	0.556	2.860	0.953	0.180	2.267	0.570	0.594	1.318	-1.072	0.826	2.572	2.860	0.953	21.17	2708	2.860	0.927	27.76	2708
600S162-68	0.0713	2.36	0.693	3.525	1.175	0.218	2.255	0.560	1.174	1.596	-1.061	0.828	2.554	3.525	1.175	26.79	4442	3.525	1.164	39.46	5468
600S162-97	0.1017	3.29	0.966	4.797	1.599	0.283	2.229	0.541	3.329	2.093	-1.039	0.830	2.518	4.797	1.599	38.37	7372	4.797	1.599	56.73	11124
600S200-33	0.0346	1.29	0.379	2.075	0.692	0.209	2.340	0.743	0.151	1.577	-1.479	0.734	2.866	2.059	0.617	12.20	612	2.016	0.520	15.57	612
600S200-43	0.0451	1.67	0.492	2.683	0.894	0.268	2.335	0.739	0.334	2.012	-1.468	0.736	2.855	2.683	0.873	17.24	1358	2.683	0.804	24.08	1358
600S200-54	0.0566	2.09	0.613	3.319	1.106	0.328	2.327	0.732	0.655	2.461	-1.459	0.737	2.842	3.319	1.106	24.07	2708	3.319	1.002	30.01	2708
600S200-68	0.0713	2.60	0.764	4.101	1.367	0.400	2.316	0.723	1.295	2.997	-1.448	0.737	2.826	4.101	1.367	30.42	4442	4.101	1.317	43.71	5468
600S200-97	0.1017	3.63	1.067	5.612	1.871	0.530	2.293	0.705	3.679	3.981	-1.427	0.739	2.791	5.612	1.871	43.49	7372	5.612	1.871	64.53	11124
600S250-43	0.0451	1.83	0.537	3.082	1.027	0.458	2.396	0.923	0.364	3.379	-1.898	0.647	3.193	3.082	0.918	18.14	1358	2.978	0.815	24.40	1358
600S250-54	0.0566	2.28	0.670	3.819	1.273	0.562	2.388	0.917	0.715	4.146	-1.889	0.647	3.180	3.819	1.159	22.90	2708	3.640	1.069	32.00	2708
600S250-68	0.0713	2.84	0.836	4.727	1.576	0.688	2.378	0.908	1.416	5.071	-1.878	0.647	3.164	4.727	1.522	30.08	4442	4.727	1.342	40.19	5468
600S250-97	0.1017	3.98	1.169	6.496	2.165	0.923	2.357	0.889	4.030	6.798	-1.857	0.648	3.130	6.496	2.160	48.80	7372	6.496	2.063	69.38	11124
6" Track (1/4", 2", 3" Leg)																					
600T125-33	0.0346	1.00	0.294	1.428	0.465	0.034	2.204	0.339	0.117	0.237	-0.523	0.948	2.291	1.297	0.335	6.62	597	1.273	0.273	8.17	597
600T125-43	0.0451	1.30	0.383	1.861	0.604	0.044	2.205	0.337	0.260	0.306	-0.519	0.949	2.290	1.750	0.515	10.17	1321	1.700	0.465	13.92	1321
600T125-54	0.0566	1.63	0.480	2.344	0.756	0.054	2.209	0.335	0.513	0.383	-0.516	0.949	2.293	2.294	0.685	13.53	2617	2.221	0.653	19.55	2617
600T125-68	0.0713	2.06	0.605	2.969	0.950	0.067	2.215	0.332	1.025	0.481	-0.512	0.950	2.298	2.969	0.916	18.09	4442	2.930	0.874	26.17	5251
600T125-97	0.1017	2.93	0.862	4.281	1.347	0.092	2.228	0.326	2.973	0.681	-0.504	0.952	2.308	4.281	1.347	30.43	7850	4.281	1.347	40.33	11124
600T200-33	0.0346	1.18	0.346	1.913	0.622	0.126	2.352	0.604	0.138	0.845	-1.057	0.841	2.648	1.542	0.333	6.59	597	1.504	0.275	8.23	597
600T200-43	0.0451	1.53	0.451	2.494	0.809	0.163	2.353	0.602	0.305	1.095	-1.053	0.842	2.647	2.076	0.565	11.16	1321	2.024	0.460	13.76	1321
600T200-54	0.0566	1.92	0.565	3.145	1.015	0.203	2.359	0.600	0.604	1.376	-1.049	0.843	2.650	2.759	0.759	15.00	2617	2.641	0.717	21.48	2617
600T200-68	0.0713	2.42	0.712	3.990	1.277	0.254	2.367	0.597	1.206	1.739	-1.045	0.845	2.656	3.696	1.034	20.42	4442	3.540	0.973	29.12	5251
600T200-97	0.1017	3.45	1.015	5.773	1.816	0.354	2.385	0.591	3.499	2.496	-1.036	0.849	2.667	5.773	1.667	32.95	7850	5.558	1.568	46.94	11124
600T300-54	0.0566	2.31	0.679	4.212	1.359	0.622	2.492	0.957	0.725	4.119	-1.856	0.674	3.251	3.239	0.821	16.22	2617	3.108	0.722	21.61	2617
600T300-68	0.0713	2.91	0.854	5.350	1.712	0.778	2.502	0.954	1.448	5.223	-1.851	0.677	3.256	4.389	1.126	22.25	4442	4.164	1.053	31.53	5251
600T300-97	0.1017	4.15	1.218	7.782	2.442	1.096	2.524	0.948	4.200	7.549	-1.841	0.682	3.265	7.034	1.857	38.69	7850	6.681	1.724	51.62	11124

General Notes: 1. Structural properties are in accordance with 1996 AISI Cold Formed Steel Specifications. 2. Thicknesses shown are design thicknesses without coating. 3. M_a is the fully braced allowable moment. 4. Effective I_e is computed at allowable moment (M_a). 5. For definitions of property abbreviations, see properties index on this page. 6. Standard 33-mil and 43-mil members are 33 ksi, 54-mil, 68-mil and 97-mil members are 50 ksi. 7. Where web height-to-thickness ratio exceeds 200, web stiffeners are required at all support points and concentrated loads.

Properties Index

A = Cross Sectional Area	r _x = Radius of gyration (x-axis)	M _a = Allowable bending moment
I _x = Moment of inertia (x-axis)	r _y = Radius of gyration (y-axis)	V _a = Allowable shear force
S _x = Section modulus (x-axis)	J = St. Venant torsion constant	X _O = Distance from center of gravity to shear center along x-axis.
I _y = Moment of inertia (y-axis)	C _w = Warping torsion constant	x = multiplication symbol
S _y = Section modulus (y-axis)	β = Beta coefficient	

Physical and Structural Properties – 6" Members

Technical Services Hotline 800-969-4110

Member	Thickness (in)	Gross Properties							Torsional Properties					Effective Properties							
		Weight (lb/ft)	A (in ²)	I _x (in ⁴)	S _x (in ³)	I _y (in ⁴)	r _x (in)	r _y (in)	Jx1000 (in ⁴)	C _w (in ⁶)	X _o (in)	β	R _o (in)	33 ksi				50 ksi			
														I _e (in ⁴)	S _e (in ³)	M _a (k-in)	V _a (lb)	I _e (in ⁴)	S _e (in ³)	M _a (k-in)	V _a (lb)
6" Studs																					
600S137-33	0.0346	1.08	0.318	1.582	0.527	0.069	2.229	0.464	0.127	0.493	-0.823	0.884	2.421	1.582	0.510	10.07	612	1.582	0.413	12.38	612
600S137-43	0.0451	1.41	0.413	2.042	0.681	0.087	2.223	0.459	0.280	0.625	-0.813	0.886	2.411	2.042	0.670	14.80	1358	2.042	0.641	19.19	1358
600S137-54	0.0566	1.75	0.514	2.518	0.839	0.105	2.213	0.452	0.549	0.757	-0.804	0.888	2.398	2.518	0.839	18.98	2708	2.518	0.809	27.23	2708
600S137-68	0.0713	2.18	0.640	3.094	1.031	0.125	2.200	0.443	1.084	0.911	-0.793	0.889	2.380	3.094	1.031	24.05	4442	3.094	1.029	35.60	5468
600S137-97	0.1017	3.03	0.889	4.188	1.396	0.159	2.170	0.422	3.066	1.179	-0.770	0.892	2.341	4.188	1.396	34.48	7372	4.188	1.396	50.80	11124
600S162-33	0.0346	1.17	0.344	1.793	0.598	0.116	2.282	0.581	0.137	0.851	-1.091	0.823	2.595	1.793	0.577	11.41	612	1.793	0.479	14.35	612
600S162-43	0.0451	1.52	0.447	2.316	0.772	0.148	2.276	0.576	0.303	1.082	-1.081	0.825	2.585	2.316	0.767	16.68	1358	2.316	0.696	20.84	1358
600S162-54	0.0566	1.89	0.556	2.860	0.953	0.180	2.267	0.570	0.594	1.318	-1.072	0.826	2.572	2.860	0.953	21.17	2708	2.860	0.927	27.76	2708
600S162-68	0.0713	2.36	0.693	3.525	1.175	0.218	2.255	0.560	1.174	1.596	-1.061	0.828	2.554	3.525	1.175	26.79	4442	3.525	1.164	39.46	5468
600S162-97	0.1017	3.29	0.966	4.797	1.599	0.283	2.229	0.541	3.329	2.093	-1.039	0.830	2.518	4.797	1.599	38.37	7372	4.797	1.599	56.73	11124
600S200-33	0.0346	1.29	0.379	2.075	0.692	0.209	2.340	0.743	0.151	1.577	-1.479	0.734	2.866	2.059	0.617	12.20	612	2.016	0.520	15.57	612
600S200-43	0.0451	1.67	0.492	2.683	0.894	0.268	2.335	0.739	0.334	2.012	-1.468	0.736	2.855	2.683	0.873	17.24	1358	2.683	0.804	24.08	1358
600S200-54	0.0566	2.09	0.613	3.319	1.106	0.328	2.327	0.732	0.655	2.461	-1.459	0.737	2.842	3.319	1.106	24.07	2708	3.319	1.002	30.01	2708
600S200-68	0.0713	2.60	0.764	4.101	1.367	0.400	2.316	0.723	1.295	2.997	-1.448	0.737	2.826	4.101	1.367	30.42	4442	4.101	1.317	43.71	5468
600S200-97	0.1017	3.63	1.067	5.612	1.871	0.530	2.293	0.705	3.679	3.981	-1.427	0.739	2.791	5.612	1.871	43.49	7372	5.612	1.871	64.53	11124
600S250-43	0.0451	1.83	0.537	3.082	1.027	0.458	2.396	0.923	0.364	3.379	-1.898	0.647	3.193	3.082	0.918	18.14	1358	2.978	0.815	24.40	1358
600S250-54	0.0566	2.28	0.670	3.819	1.273	0.562	2.388	0.917	0.715	4.146	-1.889	0.647	3.180	3.819	1.159	22.90	2708	3.760	1.069	32.00	2708
600S250-68	0.0713	2.84	0.836	4.727	1.576	0.688	2.378	0.908	1.416	5.071	-1.878	0.647	3.164	4.727	1.522	30.08	4442	4.727	1.342	40.19	5468
600S250-97	0.1017	3.98	1.169	6.496	2.165	0.923	2.357	0.889	4.030	6.798	-1.857	0.648	3.130	6.496	2.160	48.80	7372	6.496	2.063	69.38	11124
6" Track (1 1/4", 2", 3" Leg)																					
600T125-33	0.0346	1.00	0.294	1.428	0.465	0.034	2.204	0.339	0.117	0.237	-0.523	0.948	2.291	1.297	0.335	6.62	597	1.273	0.273	8.17	597
600T125-43	0.0451	1.30	0.383	1.861	0.604	0.044	2.205	0.337	0.260	0.306	-0.519	0.949	2.290	1.750	0.515	10.17	1321	1.700	0.465	13.82	1321
600T125-54	0.0566	1.63	0.480	2.344	0.756	0.054	2.209	0.335	0.513	0.383	-0.516	0.949	2.293	2.294	0.685	13.53	2617	2.221	0.653	19.55	2617
600T125-68	0.0713	2.06	0.605	2.969	0.950	0.067	2.215	0.332	1.025	0.481	-0.512	0.950	2.298	2.969	0.916	18.09	4442	2.930	0.874	26.17	5251
600T125-97	0.1017	2.93	0.862	4.281	1.347	0.092	2.228	0.326	2.973	0.681	-0.504	0.952	2.308	4.281	1.347	30.43	7850	4.281	1.347	40.33	11124
600T200-33	0.0346	1.18	0.346	1.913	0.622	0.126	2.352	0.604	0.138	0.845	-1.057	0.841	2.648	1.542	0.333	6.59	597	1.504	0.275	8.23	597
600T200-43	0.0451	1.53	0.451	2.494	0.809	0.163	2.353	0.602	0.305	1.095	-1.053	0.842	2.647	2.076	0.565	11.16	1321	2.024	0.460	13.76	1321
600T200-54	0.0566	1.92	0.555	3.145	1.015	0.203	2.359	0.600	0.604	1.376	-1.049	0.843	2.650	2.759	0.759	15.00	2617	2.641	0.717	21.48	2617
600T200-68	0.0713	2.42	0.712	3.990	1.277	0.254	2.367	0.597	1.206	1.739	-1.045	0.845	2.656	3.696	1.034	20.42	4442	3.540	0.973	29.12	5251
600T200-97	0.1017	3.45	1.015	5.773	1.816	0.354	2.385	0.591	3.499	2.496	-1.036	0.849	2.667	5.773	1.667	32.95	7850	5.558	1.568	46.94	11124
600T300-54	0.0566	2.31	0.679	4.212	1.359	0.622	2.492	0.957	0.725	4.119	-1.856	0.674	3.251	3.239	0.821	16.22	2617	3.108	0.722	21.61	2617
600T300-68	0.0713	2.91	0.854	5.350	1.712	0.778	2.502	0.954	1.448	5.223	-1.851	0.677	3.256	4.389	1.126	22.25	4442	4.164	1.053	31.53	5251
600T300-97	0.1017	4.15	1.218	7.762	2.442	1.096	2.524	0.948	4.200	7.549	-1.841	0.682	3.265	7.034	1.857	36.69	7850	6.681	1.724	51.62	11124

General Notes: 1. Structural properties are in accordance with 1998 AISI Cold Formed Steel Specifications. 2. Thicknesses shown are design thicknesses without coating. 3. M_a is the fully braced allowable moment. 4. Effective I_e is computed at allowable moment (M_a). 5. For definitions of property abbreviations, see properties index on this page. 6. Standard 33-mil and 43-mil members are 33 ksi, 54-mil, 68-mil and 97-mil members are 50 ksi. 7. Where web height-to-thickness ratio exceeds 200, web stiffeners are required at all support points and concentrated loads.

Properties Index

A = Cross Sectional Area	r _x = Radius of gyration (x-axis)	M _a = Allowable bending moment
I _x = Moment of inertia (x-axis)	r _y = Radius of gyration (y-axis)	V _a = Allowable shear force
S _x = Section modulus (x-axis)	J = St. Venant torsion constant	X _o = Distance from center of gravity to shear center along x-axis.
I _y = Moment of inertia (y-axis)	C _w = Warping torsion constant	x = multiplication symbol
S _y = Section modulus (y-axis)	β = Beta coefficient	



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

8.17. 20 11

Received from

Rumber Tools

Location of Work

Rumber Tools

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 1530

Building (IL) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other _____

CBL: _____

Check #: 353239 Total Collected \$ 1530

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: [Signature]

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy