

Form # P04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BUILDING INSPECTION

PERMIT

Please Read Application And Notes, If Any, Attached

PERMIT ISSUED

Permit Number: 051321

OCT 17 2005

CITY OF PORTLAND

This is to certify that MESDEN LLC / Jeff Corbin

has permission to install 4 Hot Tubs on existing decks

AT 24 BRACKETT ST

058 F013001

provided that the person or persons who perform or supervise the work accepting 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 started or otherwise closed-in. 4 HOUR NOTICE REQUIRED.

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

OTHER REQUIRED APPROVALS

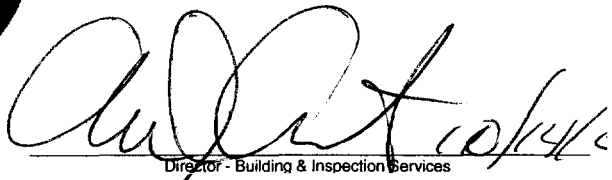
Fire Dept. _____

Health Dept. _____

Appeal Board _____

Other _____

Department Name



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: 05-1321	Issue Date: PERMIT ISSUED OCT 17 2005	File: 058 F013001
Owner Address: 28 CHESTNUT ST	Phone:	
Contractor Address: 47 Revere Street Portland	Phone:	207-99876
Permit Type:		Zone:

Location of Construction: 24 BRACKETT ST	Owner Name: MESDEN LLC
Business Name:	Contractor Name: Jeff Corbin
Lessee/Buyer's Name	Phone:

Past Use: Multi-Family Home	Proposed Use: Multi - Family Home/ install 4 Hot Tubs on existing decks
--------------------------------	----------------------------------------------------------------------------

Proposed Project Description: install 4 Hot Tubs on existing decks

Permit Fee: \$75.00	Cost of Work: \$6,000.00	CEO District: 2
FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R2 Type: BSA 10/14/05 Signature: [Signature]	
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: Idobson	Date Applied For: 09/09/2005	Zoning Approval	
-----------------------------	---------------------------------	------------------------	--

<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. 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 N/A Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: _____	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 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: _____
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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: 05-1321	Date Applied For: 09/09/2005	CBL: 058 F013001
------------------------------	----------------------------------------	----------------------------

Location of Construction: 24 BRACKETT ST	Owner Name: MESDEN LLC	Owner Address: 28 CHESTNUT ST	Phone:
Business Name:	Contractor Name: Jeff Corbin	Contractor Address: 47 Revere Street Portland	Phone (207) 409-9876
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Multi Family	

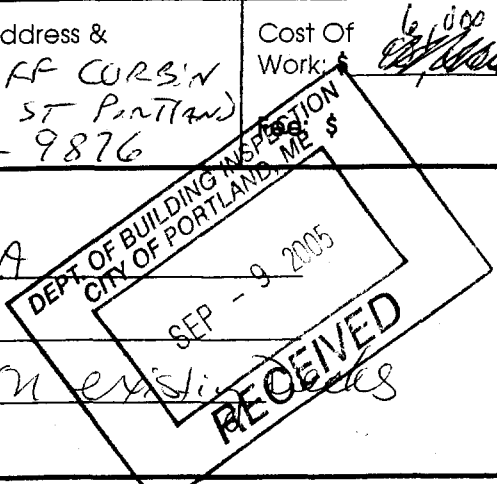
Proposed Use: Multi - Family Home/ install 4 Hot Tubs on existing decks	Proposed Project Description: install 4 Hot Tubs on existing decks
-----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

Comments:
9/13/2005-mjn: contacted engineer, need statement that the roof decks will hold the weight and spa cover documentation

All Purpose 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>29 BRACKETT ST PORTLAND ME 04101</u>		
Total Square Footage of Proposed Structure <u>140 SQ FT</u>	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart# <u>38</u> Block# <u>F</u> Lot# <u>13</u>	Owner: <u>MESDEN</u>	Telephone: <u>321-5243</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>JEFF CORBIN</u> <u>47 REVERE ST PORTLAND</u> <u>409-9876</u>	Cost Of Work: <u>6,000</u>
Current use: <u>Deck</u>		
If the location is currently vacant, what was prior use: <u>NA</u>		
Approximately how long has it been vacant: <u>NA</u>		
Proposed use: <u>INSTALL 4 HOT TUBS ON EXISTING DECK</u>		
Project description:		
Contractor's name, address & telephone: <u>NORM FOSS 423-2013</u>		
Who should we contact when the permit is ready: <u>JEFF CORBIN 409-9876</u>		
Mailing address:		
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE: <u>409-9876</u>		



IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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 of applicant: <u><i>Jeff Corbin</i></u>	Date: <u>9/8/05</u>
---------------------------------------------------	---------------------

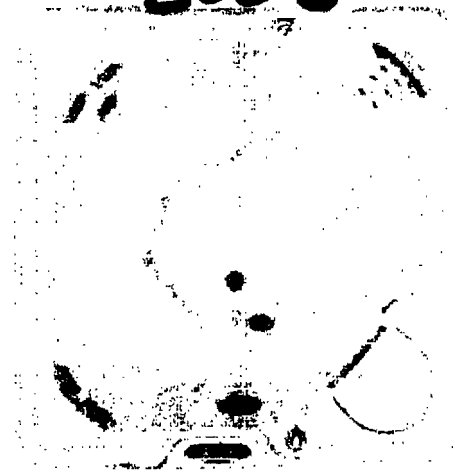
This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

Tiger River Spas
~~2004~~ Sumatran
2005

Attn:
Jeff

Models

- Caspian
- Siberian/
Khyber
- Bengal/
Manora
- Sumatran/
Tondi



SPECN DIAGNOS. PARTS

Specifications	
Dimensions:	6'6" x 6'6" x 33" (1.98 m x 1.98 m x 0.83 m)
Water Capacity:	310 gallons (1,173 liters)
weight:	613 lbs. (278 kg) dry 3,793 lbs. (1,720 kg) filled
Electrical Req:	115v, 20amp circuit 230v, 50amp circuit
Ozonator:	Fresh Water III
Filter	71827 (Qty =1)
(back to top)	

Diagnostic

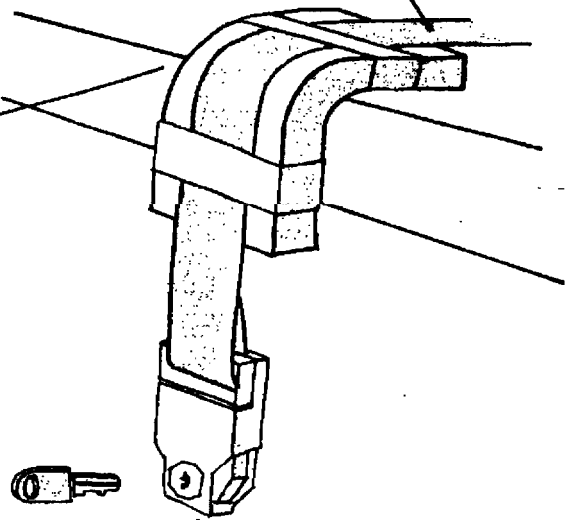
Hold-Down Straps

- Holds Covers Down Tight
- Built-In Locks
- Fully Adjustable
- Perfect For Windy Areas

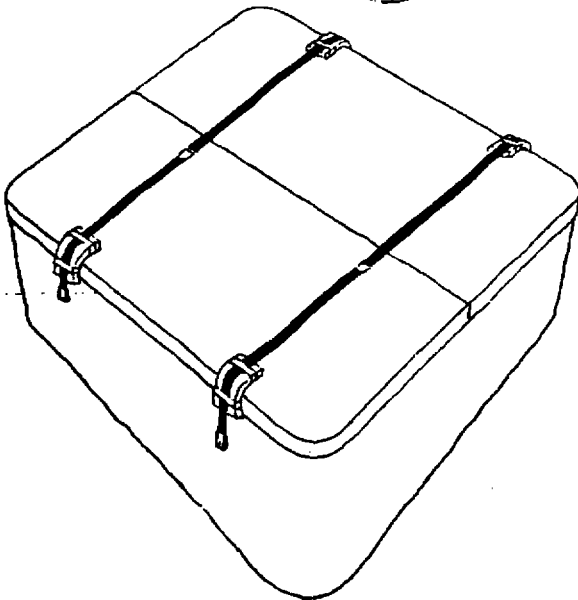


- Straps Are Strong
1 1/2" Nylon Webbing

- Nylon Covered
1/2" Thick Foam Pad
Protects Spa Cover

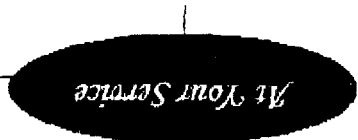


- Sure-Loc™ Fasteners
snap in or out quickly
and easily. They fit
securely and, they can
be locked.



Sunstar Ent. 255 Redel Road, San Marcos, CA 92078
(760) 744-2172
(800) 438-8677

www.spatop.com



Customer Service Reps: Kim, Tamie, Darlene
Freight Claims: Shelly
Monday-Friday 8:00AM - 5:00PM

Lined area for notes or address.

Shoung
Thanks

This showed help you.

Date: 9/13/05
From: Shoung
Number of Pages: 2
To: Mike

Ask about our NEW Outdoor Suite including Steps, Wind Breaks, and InstaPatrol!

207-756-8090

- Spa Side Handrails
 - Template Kits
 - Spa Pillows
 - Floating Blankets
 - Safety Spa Tops
 - Hold Down Straps
 - Squeeze N' Clean Vinyl Conditioner and Cleaner
 - Sumbug Cleaning Agent
 - Cover Valet
 - Cover Caddy
 - E-Z Litter
- Your Source for These Fine Products
Take it Off... 3 Ways

FAX COVER SHEET

Sunstar Enterprises
255 Redel Road
San Marcos, CA 92078
Direct Phone: 760-744-2172
Direct Fax: 760-744-1573
www.spatop.com



File E162550 Vol. 1 Classification Marking Data Page 1 Issued: 8-

(FILE IMMEDIATELY AFTER AUTHORIZATION PAGE)

C L A S S I F I C A T I O N M A R K I N G

PROCUREMENT:

All Classification Markings shall be obtained from a supplier authorized by Underwriters Laboratories Inc., unless the Classification Marking is molded, cast, dit-stamped, rubber stamped, silk screened, or reproduced by the manufacturer.

COMPOSITION:

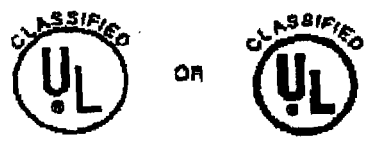
(+)
CLASSIFIED BY
UNDERWRITERS LABORATORIES INC. ©
IN ACCORDANCE WITH
ASTM F 1346 - (\$)
(#)

- (+) - Product Identity: "Manual Safety Cover", "Power Safety Cover", "Pool Cover"
- (\$) - Issue Date
- (#) - Control Number : 4200

Minimum size is not specified, as long as the Classification Marking is legible.

OPTIONAL MARKING:

The following symbol, when used, must be located adjacent to, and as part of, the regular Classification Marking.



APPLICATION:

For use on Classified products only. Not to be used on Listed products or Recognized Components.

The Classification Marking, when used by the manufacturer shall consist of the above and shall appear on the product as follows.

LOCATION:

On the product.

THIS PAGE IS TO BE REVISED BY FUS DEPARTMENT ONLY

File 8162550 Vol. 1 Sec. 1 *Page 1 Issued: 8-26-94
and Report Revised: 7-9-96

DESCRIPTION

PRODUCT COVERED:

Manual Spa Safety Cover, Models "SPA TOP" and "RME."

GENERAL

The spa covers described in this Report are solid foam core wrapped in a vinyl typically consisting of a single hinge which is comprised of two layers of reinforced vinyl stitched together. The covers have been evaluated in accordance with Standard ASTM F1346-91.

The securing straps consists of two layers of vinyl fabric material sewn to the cover and provided with a locking mechanism.

MODEL DIFFERENCES:

Model "SPA TOP" and "RME" are identical except for name.

SG/CP:ci
SCDLS

1855 Scott Boulevard
Santa Clara, California 95050-4169
(408) 985-2400
FAX No. (408) 296-3258
Cable ULINC BANTA CLARA, CA



File E162550 Vol. 1 Issued: 8-26-94
Revised: 9-17-96



FOLLOW-UP SERVICE PROCEDURE

(TYPE R)

COVERS FOR SWIMMING POOLS AND SPAS (WBAH)

Manufacturer: * Sunstar Enterprises
(982458-001) 255 Redel Rd.
San Marcos, CA 92069

Applicant: Same as Manufacturer

Classified
Company: Same as Manufacturer

This Procedure authorizes the above Manufacturer to use the marking specified by Underwriters Laboratories Inc. only on products covered by this Procedure, in accordance with the applicable Follow-Up Service Agreement.

The Prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and the representatives of Underwriters Laboratories Inc. and is not used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. upon request.

The PROCEDURE, and any subsequent revisions, is the property of UNDERWRITERS LABORATORIES INC., and is not transferable.

UNDERWRITERS LABORATORIES INC.

S. JOE BHATIA
vice-President, Follow-Up Services

RCC/JS:ajc
SCDLB

A not-for-profit organization
dedicated to public safety and
committed to quality service

File #162550 Vol. 1 Sec. 1 Page 3 Issued: 08-26-94
and Report Revised: 03-05-01

SPA COVER CONSTRUCTION - FIG. 1 (ILL.)

General - For units which measure less than 8 feet in width, length or diameter, the cover shall consist of 2 foam cores measuring no more than 4 by 8 feet, while units exceeding 8 feet but not more than 20 feet shall have a maximum of five sections of 5 by 10 feet foam cores.

1. Top Vinyl Covering - Fabric-backed vinyl weighing approximately 25 oz. per sq. yd. with a minimum thickness of 0.030 in.
2. Bottom Vinyl Covering - vinyl fabric provided with an internal mesh weighing approximately 10 oz. per sq. yd. with a minimum thickness of 0.0137 in \pm 0.005 in.
3. Seam Construction - Polyester thread. Stitch density shall be minimum 3 to 6 stitches per 1 in. length. Entire seam of spa cover shall be properly stitched with the above stitch density
4. Securing Straps - Minimum 4 provided. Consists of two layers of the top cover vinyl (item 1) folded and stitched to construct a linear strap minimum 7/8 in. wide. Strap is stitched to top cover using stitching method as noted in item 3.

Alternate Securing Straps - Same as above, with the addition of a tri-glide adjusting mechanism attached to the securing strap.
- 5.* Securing Fasteners - Minimum 4 provided, consisting of a mechanism which offers a positive means of securement which can be locked. Mechanism is provided with securement means of minimum two screws per latching mechanism, 4 by 1/2 in. length stainless steel pan head with minimum 20 threads/in. and maximum 36 threads/in.

File E162550 Vol. 1, Sea. 1 Page 4 Issued: @-26-94
and Report Revised: 9-7-95

6. Foam - Provided in sheet form, rigid EPS high-density foam with maximum dimensions of 5 ft by 10 ft with a minimum thickness of approximately 3 in. For cover sizes up to 96 in., foam has a minimum density of 1 lb. per cubic foot, For cover sizes 97 in. to 120 in., foam has a minimum density of 1.5 lb. per cubic foot. For cover sizes over 120 in., foam has a minimum density of 2.0 lb. per cubic foot. All foam densities are $\pm 10\%$ tolerance.
7. Metal Channel - C-shaped channel constructed of either galvanized steel or aluminum with a minimum cross section dimension of 1 by 2 by 1 in. with a minimum thickness of 24 msg. Channel provided only on those areas comprised of a hinge. channel is press fitted into the Foam, Item 6. Channel shall run entire length of the hinge construction and ends approximately 2 in, from end. Two provided per hinge, one per foam core.
- 8.* Hinge - The hinge consists of minimum two layers of vinyl. (Item 1 or Item 2) stitched together to create a flexible joint where both halves of the rigid foam may pivot around. The stitched density shall be 3 to 6 as noted in Item 3. The vinyl shall consist of the vinyl utilized on the top and bottom surface, Item 1 and Item 2.

NJ/JN:ims
SCDLs

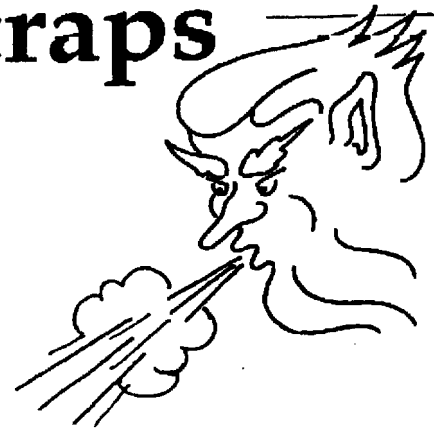
File E162550 Vol. 1 Sec. 1 *ILL. 1 Issued: 8-25-94
and Report Revised: 2-3-97

THIS PAGE REPLACES PAGE ILL. 1, SECTION 1.

JP/MS:gnb
SCDLs

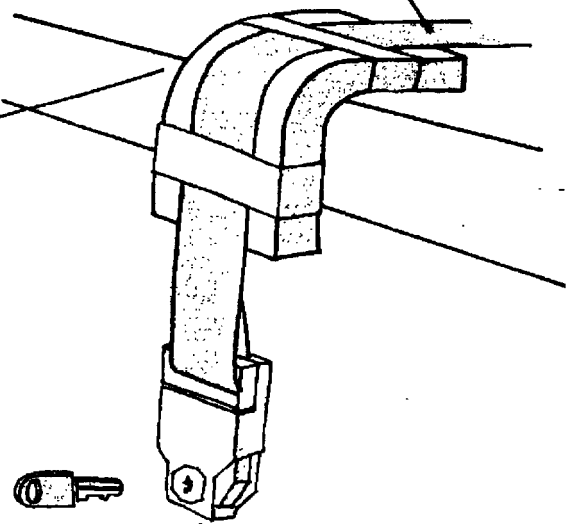
Hold-Down Straps

- Holds Covers Down Tight
- Built-In Locks
- Fully Adjustable
- Perfect For Windy Areas

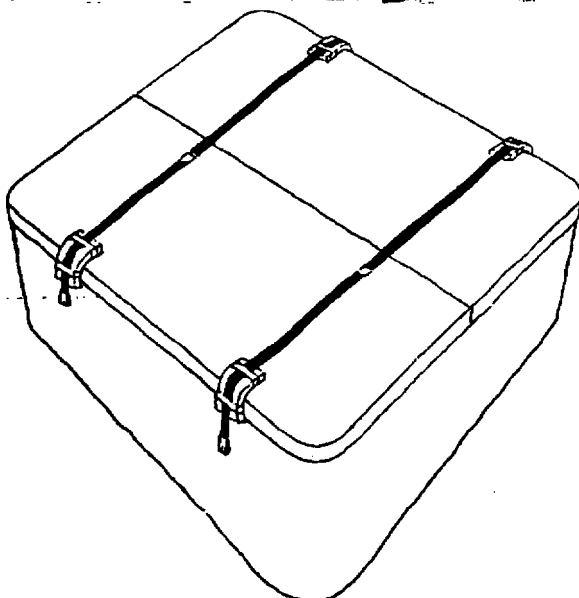


- Straps Are Strong
1 1/2" Nylon Webbing

- Nylon Covered
1/2" Thick Foam Pad
Protects Spa Cover



- Sure-Loc... Fasteners
snap in or out quickly
and easily. They fit
securely and, they can
be locked.



Sunstar Ent. 255 Redel Road, San Marcos, CA 92078

(760) 744-2172
(800) 438-8677

www.spatop.com

L & L STRUCTURAL

ENGINEERING SERVICES, INC

Six Q Street

South Portland, ME 04106

Phone: (207) 767-4830

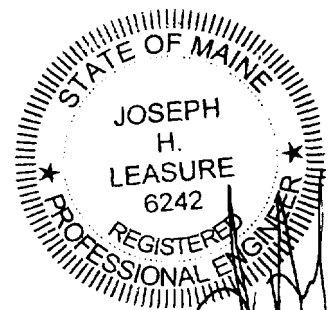
Fax: (207) 799-5432

**BUILDING LOCATED AT:
24 BRACKET STREET
PORTLAND, MAINE**

ROOF TOP DECK AND HOT TUB SUPPORT

Prepared for: Tim Madden
MESDEN LLC
28 Chestnut Street
Old Orchard Beach, Maine 04064

Submission Date: October 26, 2004 (Revised 5/6/05)
Drawings Submitted: S1 through S5



GENERAL NOTES:

1. The notes on the drawings are not intended to replace specifications. See specifications for requirements in addition to general notes.
2. Structural drawings shall be used in conjunction with job specifications and architectural, mechanical, electrical, plumbing, and site drawings. Consult these drawings for locations and dimensions of openings, chases, inserts, reglets, sleeves, depressions, and other details not shown on structural drawings.
3. All dimensions and conditions must be verified in the field. Any discrepancies shall be brought to the attention of the engineer before proceeding with the affected part of the work.
4. Do not scale plans.
5. Sections and details shown on any structural drawings shall be considered typical for similar conditions.
6. All proprietary products shall be installed in accordance with the manufacturers written instructions.
7. The structure is designed to be self supporting and stable after the Building is complete. It is the contractor's sole responsibility to determine erection procedures and sequencing to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting temporary bracing, guys or tie downs. Such material shall remain the property of the contractor after completion of the project.
 - a. All applicable federal, state, and municipal regulations shall be followed, including the federal department of labor occupational safety and health act.

DESIGN LOADS:

1. Building Code: BOCA Basic Building Code (1999) and/or IBC International Building Code (2003)
2. Design Live Loads:
 - Roof Load 42 PSF (plus drift as applicable)
 - Exterior Deck 40
 - Hot Tub (Tiger River Spas-Sumatran Model) 4,000# (Oper. Wgt)
3. Lateral (Seismic & Wind) design per code.

designed by	JHL
drawn by	JHL
checked by	MFL
scale:	NOTED
date:	OCT. 26, 2004

BUILDING LOCATED AT:
24 BRACKETT STREET
PORTLAND, MAINE

GENERAL NOTES

L & L STRUCTURAL
ENGINEERING SERVICES, INC.
SIX 9 STREET
SOUTH PORTLAND, MAINE 04106

PHONE: (207) 767-4830
FAX (207) 799-5452
EMAIL: LLENG@AOL.COM

S1

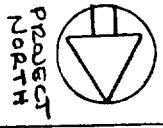
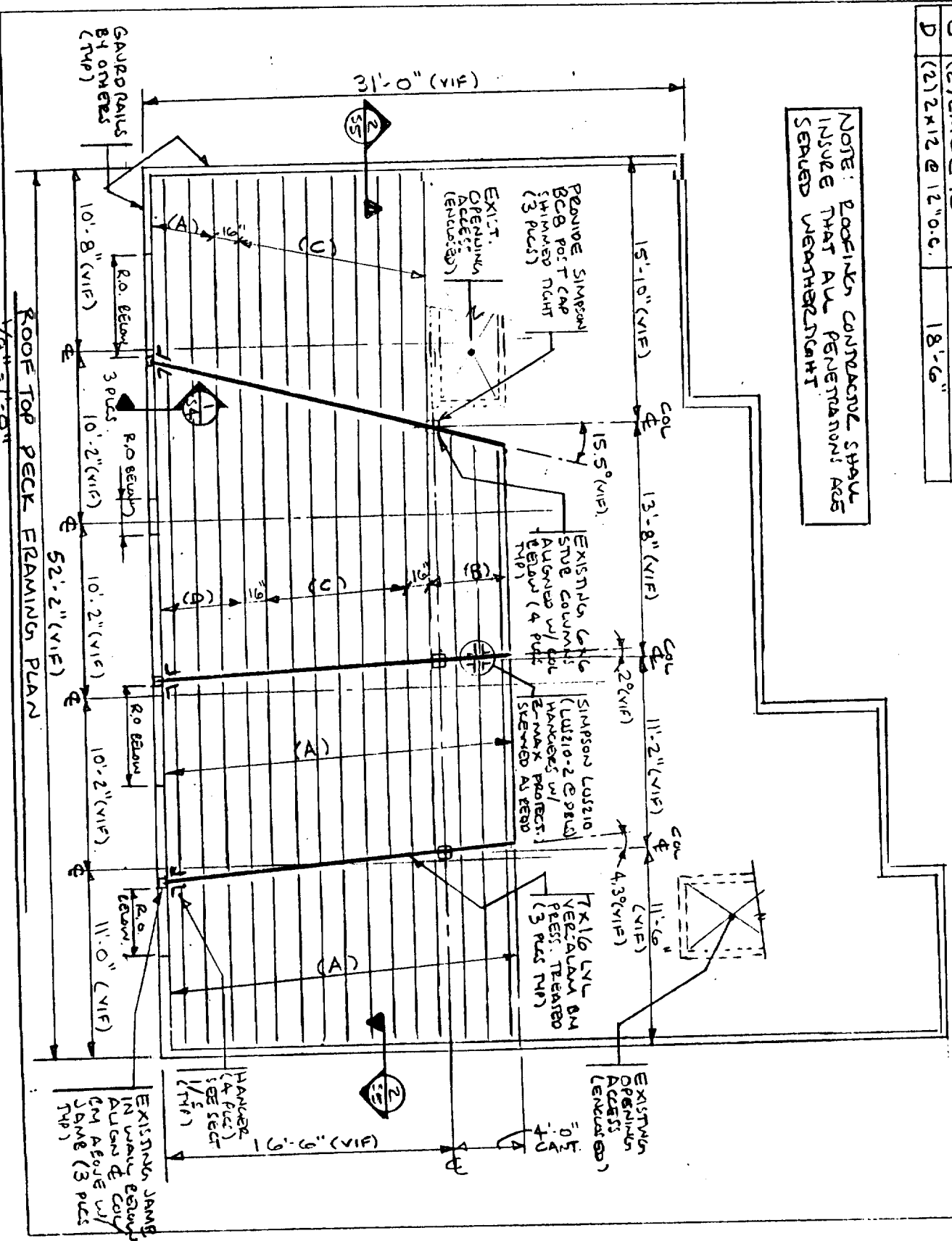
TIMBER FRAMING:

1. All timber framing shall be in accordance with the AITC Timber Construction Manual or the National Design Specification (NDS) –Latest editions.
2. Individual timber framing members shall be visually graded, minimum grade #2 Spruce–Pine–Fir (SPF), kiln dried 19% maximum moisture content.
3. Pressure treated lumber shall be used where wood is in contact with ground, masonry or concrete. Timber shall be southern yellow pine treated with CCA to 0.4 #/CF in accordance with AWWA C-18.
4. Provide 1x3 lumber bridging or solid 2x blocking, double nailed at each end, at 8 feet maximum spacing for all dimensional lumber floor framing.
5. Standard metal connectors shall be used at all timber to timber connections or as noted on the design drawings.
6. Nailing not specified shall conform with BOCA appendix C.
7. Provide solid 2x vertical blocking within floor systems between columns above and below.
8. Provide Simpson BC column caps and bases at all columns.
9. "VIF" indicates that the contractor shall "verify in the feild" specific conditions, dimensions, elevations and details prior to proceeding with the effected portion of the work. All discrepencies shall be brought to the attention of the engineer.
10. LVL shall be Laminated Veneer Lumber manufactured by Boise Cascades or approved equal. (Fb=2800 psi min and E=2000 ksi).

designed by	JHL	BUILDING LOCATED AT: 24 BRACKETT STREET PORTLAND, MAINE GENERAL NOTES	L & L STRUCTURAL ENGINEERING SERVICES, INC. SIX a STREET SOUM PORTLAND, MAINE 04106 <small>PHONE: (207) 787-4830 FAX (207) 799-5432 EMAIL LLENG@AQL.COM</small>	<div style="border: 1px solid black; width: 50px; height: 20px; text-align: center; margin-left: auto;">S2</div>
drawn by:	JHL			
checked by	MFL			
scale:	NOTED			
date:	OCT. 26, 2004			

JOIST SCHEDULE		
TYPE	JOIST (ALL FT)	MAX. CLEAR SPAN
A	2x12 @ 16" o.c.	12'-3"
B	2x12 @ 12" o.c.	14'-0"
C	(2) 2x12 @ 16" o.c.	17'-0"
D	(2) 2x12 @ 12" o.c.	18'-6"

NOTE: ROOFING CONTRACTOR SHALL INSURE THAT ALL PENETRATIONS ARE SEALED WEATHERTIGHT



L & L STRUCTURAL
ENGINEERING SERVICES, INC.
SIX O STREET
SOUTH PORTLAND, MAINE 04106
PHONE: (207) 787-1830
FAX: (207) 788-3432
EMAIL: LLE@LLE.ORG

DESIGNED BY: JILL
DRAWN BY: JILL
CHECKED BY: MTL
SCALE: NOTED
DATE: 10/26/04

BUILDING LOCATED AT:
24 BRACKET STREET
PORTLAND, MAINE

ROOF TOP DECK & HOT TUB SUPPLIES
SECTIONS & DETAILS

S3

ROOF TOP PECK FRAMING PLAN
1/8" = 1'-0"