

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

INSPECTION  
**PERMIT**

PERMIT ISSUED  
Permit Number: 060658  
MAY 19 2006  
CITY OF PORTLAND

This is to certify that Northeast Air /Neptune Properties  
has permission to Amend permit # 060061 diving existing space hr firew  
AT 1127 Westbrook St L 207 B001002

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 procured before this building or part thereof is altered or closed-in.  
FOUR HOUR NOTICE IS 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 \_\_\_\_\_  
DepartmentName

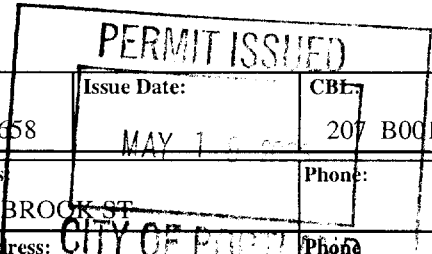
*[Signature]* 5/16/06  
Director - Building & Inspection Services

**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: 06-0658	Issue Date: MAY 1 2006	CB#: 207 BOC1002
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Location of Construction: 1127 WESTBROOK ST	Owner Name: NORTHEAST AIR	Owner Address: 1011 WESTBROOK ST	Phone:
Business Name:	Contractor Name: Neptune Properties	Contractor Address: 120 Exchange St. Portland	Phone: 2078746959
Lessee/Buyer's Name	Phone:	Permit Type: Amendment to Commercial	Zone: AB

Past Use: Commercial	Proposed Use: Commercial Amend permit # 060061 dividing existing space w/ 2 hr firewall	Permit Fee:	Cost of Work: \$0.00	CEO District: 3
Proposed Project Description: Amend permit # 060061 dividing existing space w/ 2 hr firewall		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group, 52 Type: 5B 5/16/06 Signature: [Signature]	

Signature: [Signature]  
**PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)**  
 Action:  Approved  Approved w/Conditions  Denied  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Permit Taken By: dmartin	Date Applied For: 05/04/2006	<b>Zoning Approval</b>
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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..	<b>Special Zone or Reviews</b> <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: [Signature]	<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 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: [Signature]
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**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



# 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>1127 Westbrook St</u>		
Total Square Footage of Proposed Structure <u>9600SF</u>		Square Footage of Lot <u>25,000 +/-</u>
Tax Assessor's Chart, Block & Lot Chart# <u>207</u> Block# <u>B</u> Lot# <u>1002</u>	Owner: <u>Neptune Properties</u> <u>120 EXCHANGE ST.</u> <u>PORTLAND ME 04101</u>	Telephone: <u>7752100</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone:	Cost Of Work: <u>\$0</u> <u>JUST INTS FOR ORIGINAL WORK</u> Fee: <u>\$30</u> C of O Fee: \$
Current Specific use: <u>Flamer Commercial</u> If vacant, what was the previous use? Proposed Specific use:		
Project description: <u>Amendment to Permit # 060061</u> <u>adding 2 hr fire wall</u>		
Contractor's name, address & telephone: <u>Neptune Properties 120 Exchange St Port.</u> <u>874-6959</u>		
Who should we contact when the permit is ready: <u>MICHAEL SCARFS</u> Mailing address: Phone: <u>7752100</u>		

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 visit us on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), stop by the Building Inspections 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 of applicant: <u>Michael Scarfs</u>	Date: <u>5/3/06</u>
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**This is not a permit; you may not commence ANY work until the permit is issued.**

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

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

<b>Permit No:</b> 06-0658	<b>Date Applied For:</b> 05/04/2006	<b>CBL:</b> 207 B001002
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<b>Location of Construction:</b> 1127 Westbrook St	<b>Owner Name:</b> Northeast Air	<b>Owner Address:</b> 1011 Westbrook St	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Neptune Properties	<b>Contractor Address:</b> 120 Exchange St. Portland	<b>Phone</b> (207) 874-6959
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Amendment to Commercial	

<b>Proposed Use:</b> Commercial Amend permit # 060061 dividing existing space w/ 2 hr firewall	<b>Proposed Project Description:</b> Amend permit # 060061 dividing existing space w/ 2 hr firewall
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**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Marge Schmuckal      **Approval Date:** 05/10/2006

**Note:** **Ok to Issue:**

- 1) All prior conditions on original permit #06-0061 are still in force.
- 2) 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:** Mike Nugent      **Approval Date:** 05/16/2006

**Note:** **Ok to Issue:**

- 1) Must comply with all of the requirements of NFPA 409 for a Class III hangar.
- 2) Must advise which alternative is to be used prior to commencement. If Alternative I, UL listing and fire rating for the mineral wool product is required.

**Dept:** Fire      **Status:** Approved      **Reviewer:** Cptn Greg Cass      **Approval Date:** 05/11/2006

**Note:** This plan appears to meet the requirements of NFPA 409 **Ok to Issue:**



## SAFING MINERAL WOOL

### Fire Endurance- Incombustible

**DELTA® SAFING BOARD** is a minimum 4 pound per cubic foot (64 kg./m<sup>3</sup>) density insulation manufactured from high temperature mineral fiber bonded together with a fire retardant binder. Its primary use is for fire containment located between the concrete floor slab edge and exterior walls in high-rise building construction. DELTA® SAFING Mineral Wool BOARD can be used as a "poke-through" fire barrier for part of a hourly-rated assembly in cracks, crevices, openings, and around penetrations.

### Application

Floor slab edge installations require DELTA® SAFING BOARD to be properly supported. Stair-step shaped galvanized clips, 1 inch (25 mm) wide, or other type support brackets should be applied on a minimum of 24" (61 cm) centers. Penetrations and other types of openings in hourly rated assemblies will require additional types of support plus a fire-hose stream shield (i.e. silicone sealant) in addition to the safing insulation. Consult sealant manufacturers for specification pertaining to applicable penetrations. In ALL applications, the mineral wool must be installed in a compressed configuration to insure no gaps or cracks.

### Fire Containment Test

Floor slab edge ... SAFING Application ..... Rating = 3 Hours  
Test Report No.(s): VT #100-040, VT #100-073-1, -2, and -3

Using the ASTM E 119 time/temperature curve, a 4" (102 mm) and 6" (154 mm) thick barrier of DELTA® SAFING BOARD protected so well that after three hours, cotton waste placed on the cold side did not ignite although the hot side reached 1900° F. (1038° C.).

No passage of flames or gases took place during any part of the tests which was concluded after a little over three hours with no deterioration of DELTA® SAFING's fire stopping ability.

### Physical Properties: All values in ( ) are metric conversions.

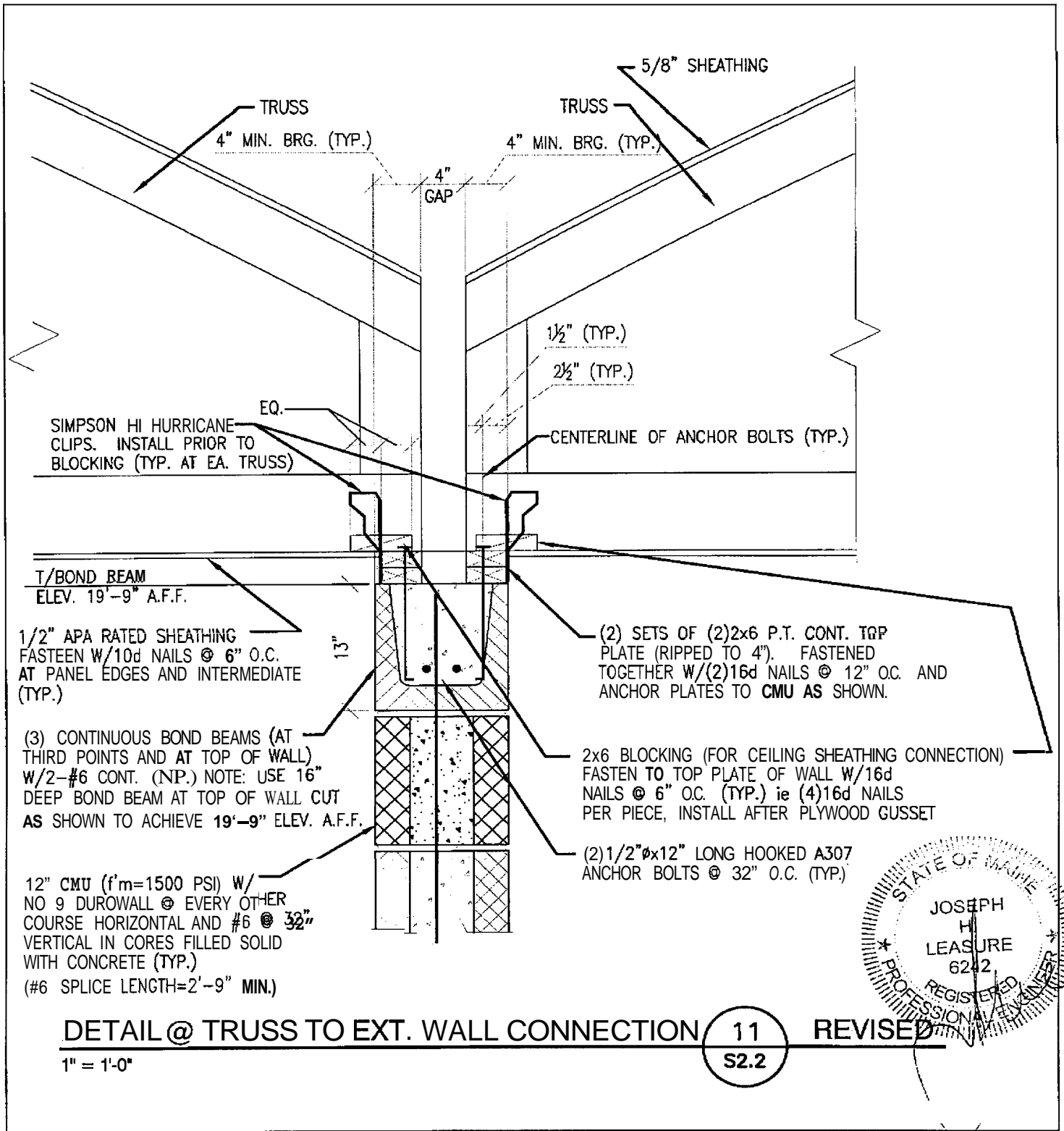
Density: weight per cubic foot (meter) .. Minimum 4 lbs./ft<sup>3</sup> (64 kg./m<sup>3</sup>)  
Thermal Conductivity: [ASTM C 177] @75°F.(24°C) mean temp. Btu in./h ft<sup>2</sup> °F.(W/m K) ... k = 0.238 (0.034)  
Thermal Resistance: [ASTM C 177] @75°F.(24°C) mean temp. .... R=4.17 per inch  
Moisture Adsorption, Vapor [ASTM C 1104] ..... Less than 1%  
Water *wicking* resistant\* and Non-hygroscopic.\*  
Corrosion to steel, aluminum, copper, [ASTM C665] ..... None  
Does not promote growth of fungi or bacteria and is mildew resistant.  
**Surface Burning Characteristics:**[ASTM E 84]  
Flame Spread Index = 0  
Smoke Developed Index = 0  
**"Incombustible"** [Underwriters Laboratories @tested per ASTM E 136]

### Standard Size:

4 inch (102mm) thick x 24"(61cm) x 48"(122cm) and 24 ft<sup>2</sup>(2.23 m<sup>2</sup>) per polyethylene heat shrink package. Other thickness(s) 2" through 5" are available by special order. NOTE Lesser product thickness may be used providing the installed thickness of insulation measured between the **cold** side of wall and the fire side of the wall is a minimum 4"(102mm) when a 3 hour rating is desired. Heavier densities of **DELTA@BOARD** will provide equal or better fire stopping performance when installed along with the **safing** specifications.

### Specification Compliance:

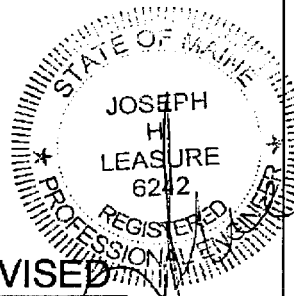
U.S. Federal Specification HH-I-521F, Type I  
U.S. Federal Specification HH-I-558B and C  
ASTM C 665-91 and ASTM C 612-93



**DETAIL @ TRUSS TO EXT. WALL CONNECTION** 11 **REVISED**

1" = 1'-0"

**S2.2**



20064

designed by:	JL
drawn by	LEM
checked by	JHL
scale:	1"=1'-0"
date:	MAY 1, 2006

**AIRPLANE HANGAR**  
Westbrook Street  
Portland, Maine

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

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

**SKS-2**

SECTION 11 REVISED

T/BOND BEAM ELN.

6'-8" A.F.F.  
13'-4" A.F.F.  
19'-9" A.F.F.

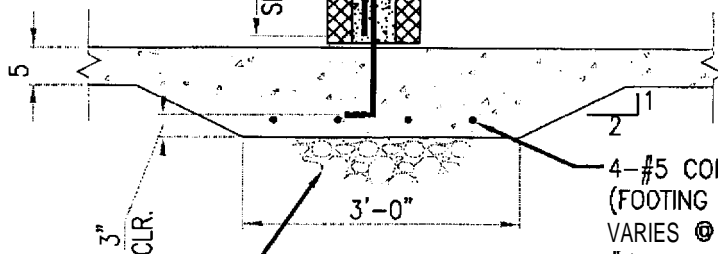
(3) CONTINUOUS BOND BEAMS  
(AT THIRD POINTS AND AT  
TOP OF WALL) W/2-#6 CONT. (NP.)

12" CMU ( $f'_m=1500$  PSI) W/  
NO. 9 DUROWALL @ EVERY OTHER  
COURSE HORIZONTAL AND #6 @  
32" VERTICAL IN CORES FILLED  
SOLID WITH CONCRETE (NP.)  
(#6 SPLICE LENGTH = 2'-9" MIN.)

#5 x  $\frac{3-0}{10}$  @ 32" DOWELS  
TO MATCH MAIN REINF. (TYP.)

8" (TYP. U.O.N.)

2'-2" MIN.  
SPLICE (TYP.)



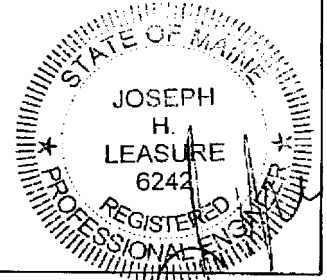
COMPACTED STRUCTURAL  
FILL (TYP.)

4-#5 CONT.  
(FOOTING WIDTH AND REINFORCING  
VARIES @ MEZZ. TO 6'-0" WIDE W/  
#5 @ 8" EACH WAY 3" CLR. FROM BOTTOM)

**SECTION 3 REVISED**

1/2" = 1'-0"

S1.1



20064

designed by	JL
drawn by:	LEM
checked by	JHL
scale:	1/2" = 1'-0"
date:	MAY 1, 2006

**AIRPLANE HANGAR**  
Westbrook Street  
Portland, Maine

SECTION 3 REVISED

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SKS-1