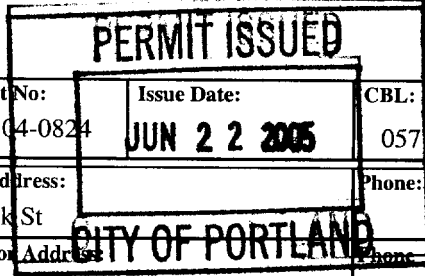


**City of Portland, Maine - Building or Use Permit Application**

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



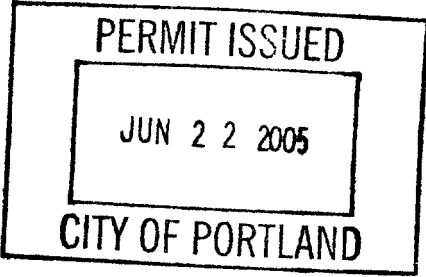
Permit No: 04-0824	Issue Date: <b>JUN 22 2005</b>	CBL: 057 H005001
-----------------------	-----------------------------------	---------------------

<b>Location of Construction:</b> 1-3 Orange St.	<b>Owner Name:</b> Dana Matthew P	<b>Owner Address:</b> 57 Clark St	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Stephen Sanders	<b>Contractor Address:</b> 57 Clark St. Apt#1 Portland	<b>Phone:</b> 2074500004
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Duplex	<b>Zone:</b> R-6
<b>Past Use:</b> Vacant	<b>Proposed Use:</b> 2 - 24' x 36' unit Condo	<b>Permit Fee:</b> \$2,871.00	<b>Cost of Work:</b> \$300,000.00
		<b>CEO District:</b> 2	<i>small lot development</i>
		<b>FIRE DEPT:</b> <input type="checkbox"/> Approved <input type="checkbox"/> Denied <i>N/A</i>	<b>INSPECTION:</b> Use Group <i>R-3</i> Type <i>5B</i> <i>IRC 2003</i>
		Signature: _____	Signature: _____
<b>PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)</b>			
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied			
		Signature: _____	Date: _____

<b>Permit Taken By:</b> ldobson	<b>Date Applied For:</b> 0611612004	<b>Zoning Approval</b>
------------------------------------	--	------------------------

- 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..

<b>Special Zone or Re i</b> <input type="checkbox"/> Shoreland <i>N/A</i> <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <i>Panel 13 Zonal</i> <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i># 2004-0120</i> Maj <input type="checkbox"/> Minor <input checked="" type="checkbox"/> MM <input type="checkbox"/> <i>OK with conditions</i> Date: <i>5/16/05</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	<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: _____	Date: _____	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

<b>Permit No:</b> 04-0824	<b>Date Applied For:</b> 06/16/2004	<b>CBL:</b> 057 H005001
------------------------------	--	----------------------------

<b>Location of Construction:</b> 1-3 Orange St.	<b>Owner Name:</b> Dana Matthew P	<b>Owner Address:</b> 57 Clark St	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Stephen Sanders	<b>Contractor Address:</b> 57 Clark St. Apt#1 Portland	<b>Phone</b> (207) 450-0004
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Duplex	

<b>Proposed Use:</b> 2 - 24' x 36' unit Condo	<b>Proposed Project Description:</b> 2 - 24' x 36' unit Condo
--	--

**Dept:** Zoning      **Status:** Approved with Conditions      **Reviewer:** Marge Schmuckal      **Approval Date:** 05/16/2005

**Note:** 5/16/05 received the stamped approved site plan from Ethan - but the performance guarantees still need to be paid - zoning is **ok** at this point - This is a small lot development      **Ok to Issue:**

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages:
- 2) This property shall remain a two(2) family condominium dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) 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:** Tammy Munson      **Approval Date:** 06/22/2005

**Note:**      **Ok to Issue:**

- 1) As discussed, if the attic area has a vertical height of 30" or greater and is over 30 square feet, a 22" x 30" attic access shall be provided.
- 2) As discussed, hardwired interconnected battery backup smoke detectors shall be installed in all bedrooms, on every level, and in a common area.
- 3) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
- 4) Separate permits are required for electrical, plumbing, heating, and the sprinkler system.

**Dept:** Fire      **Status:** Approved      **Reviewer:** Lt. MacDougal      **Approval Date:** 07/06/2004

**Note:**      **Ok to Issue:**

**Dept:** Planning      **Status:** Approved with Conditions      **Reviewer:** Ethan Macomber      **Approval Date:** 0412712005

**Ok to Issue:**

sidewalk/planter details.

- 4) 1. During the construction phase, City streets shall be clean swept daily and the contractor shall avoid tracking earth onto City streets.

**Comments:**

*\* Need submittal on deck construction. YMA*

# 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: Wall 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 OCCUPANCY MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED**

Signature of Applicant/Designee

Date

6/22/04

Signature of Inspections Official

Date

CBL: 057-H-5

Building Permit #:

640824

Attic or additional Floor Joist Species Dimensions and Spacing (Table R802.4(1) and R802.4(2))	N/A	
Pitch, Span, Spacing & Dimension (Table R802.5.1(1) - R802.5.1(8)) Roof Rafter; Framing & Connections (Section R802.3 & R802.3.1)	? Need roof framing plan	
Sheathing; Floor, Wall and roof (Table R503.2.1.1(1))	OK - see details	
Fastener Schedule (Table R602.3(1) & (2))	w/ IBC 2003	
<b>Private Garage</b> (Section R309) Living Space? <span style="margin-left: 20px;">&gt; OK</span> (Above or beside)		
Fire separation (Section R309.2)	5/8 all around	
Opening Protection (Section R309.1)	units separated w/ foundation wall Fire Doors	
Emergency Escape and Rescue Openings (Section R310)	? NOT shown	
Roof Covering (Chapter 9)	Asphalt w/ felt - OK	
Safety Glazing (Section R308)	? adjacent to sliders master bath	
Attic Access (Section R807)	1f over 30"	Condition
Chimney Clearances/Fire blocking (Chapter 10)	N/A	

1

2

2a

3

Header Schedule (Section R502.5(1) & (2))	? Not shown	
Type of Heating System	- Not shown	
<b>Means of Egress</b> (Sec R311 & R312) Basement Number of Stairways 2 Interior ?- Exterior 1 Treads and Risers - 70K (Section R311.5.3) Width (Section R311.5.1) OK Headroom (Section R311.5.2) OK Guardrails and Handrails Per, o (Section R312 & R311.5.6 - R311.5.6.3)	6'8" 1-	
Smoke Detectors (Section R313) Location and type/Interconnected	Not shown	
Dwelling Unit Separation (Section R317) and IBC - 2003 (Section 1207)	Need STC 50 w/ 1 hour	

Checklist

② Sprinkler System Design? ← Permit -

1-3 orange

57-H-5

Steve Sanders 450-0004

ONE AND TWO FAMILY	PLAN REVIEW	CHECKLIST
Soil type/Presumptive Load Value (Table R401.4.1)		
Component	Plan Reviewer	Inspection/Date/Findings
<b>STRUCTURAL</b> Footing Dimensions/Depth (Table R403.1 & R403.1(1), (Section R403.1 & R403.1.4.1))	10" x 20" Footing 4' Frost - 8"	
Foundation Drainage Damp proofing (Section R405 & R406)	N/A	
Ventilation/Access (Section R408.1 & R408.3) Crawls Space ONLY	N/A	
Anchor Bolts/Straps (Section R403.1.6)	size ? - 1/2" C 4'0" oc	
Lally Column Type (Section R407)	N/A - Clearspan -	20" x 8" w/2 #5
Girder & Header Spans (Table R 502.5(2))		
Built-Up Wood Center Girder Dimension/Type	N/A	
Sill/Rand Joist Type & Dimensions	2x6 PT Bottom plate	
First Floor Joist Species Dimensions and Spacing (Table R502.3.1(1) & Table R502.3.1(2))	18" Floor Trusses	OK
Second Floor Joist Species Dimensions and Spacing (Table R502.3.1(1) & Table R502.3.1(2))	" "	

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

## BUILDING INSPECTION PERMIT

Permit Number : 040824

Please Read Application And Notes, If Any, Attached

This is to certify that Dana Matthew P/Stephen S ers  
has permission to 2 - 24' x 36' unit Condo  
AT 1-3 Orange St. 057 H005001

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 inspection must be given and when permit is in process before this building or part thereof is occupied or otherwise closed-in. HOUR NOTIFICATION REQUIRED.

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

**PERMIT ISSUED**  
**JUN 22 2005**  
CITY OF PORTLAND  
Department of Building & Inspection Services

OTHER REQUIRED APPROVALS  
Fire Dept. \_\_\_\_\_  
Health Dept. \_\_\_\_\_  
Appeal Board \_\_\_\_\_  
Other \_\_\_\_\_

*[Signature]* 6/22/05  
Director - Building & Inspection Services

**PENALTY FOR REMOVING THIS CARD**

**From:** Jay Reynolds  
**To:** Ethan Boxer-Macomber; Tammy Munson  
**Date:** Tue, Jun 21, 2005 4:33 PM  
**Subject:** Orange Street duplex

Performance guarantee, inspection fee check, etc, has been received.  
OK to sign off, OK to issue.....  
Jay

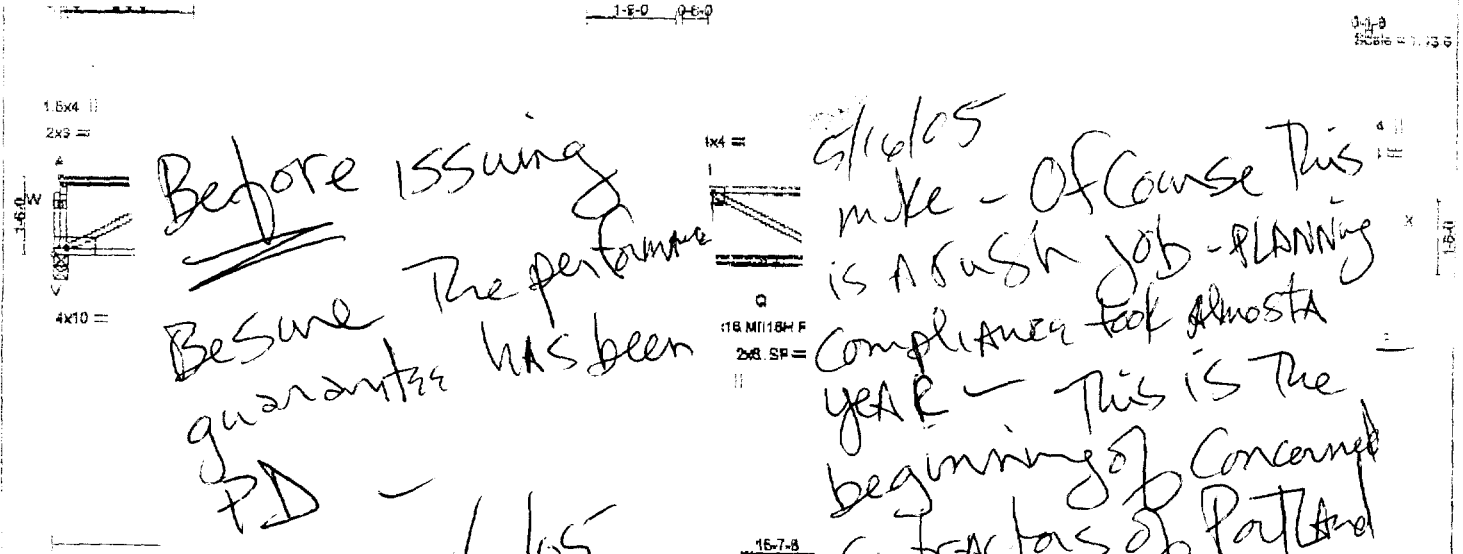
Jay Reynolds  
Development Review Coordinator  
City of Portland Planning Division  
(207)874-8632  
jayjr@portlandmaine.gov



**From:** Jay Reynolds  
**To:** Ethan Boxer-Macomber; Tammy Munson  
**Date:** Tue, Jun 21, 2005 4:33 PM  
**Subject:** Orange Street duplex

Performance guarantee, inspection fee check, etc, has been received.  
OK to sign off, OK to issue.....  
Jay

Jay Reynolds  
Development Review Coordinator  
City of Portland Planning Division  
(207) 874-8632  
jayjr@portlandmaine.gov



**Plate Offsets (X,Y):**

<b>LOADING (psf)</b>									
TCLL	40.0		TC	0.70	UEFL			PLATES	GRIP
TCDL	10.0		BC	0.88	Vert(LL)	-0.79	P-R	>393	350
BCLL	0.0		WB	0.52	Vert(TL)	-1.08	P-R	>286	240
BCOL	5.0				Horz(TL)	0.17	N	n/a	n/a
								MI120	187/144
								MI20H	148/108
								MI18H	141/108
									Weight: 104 lb

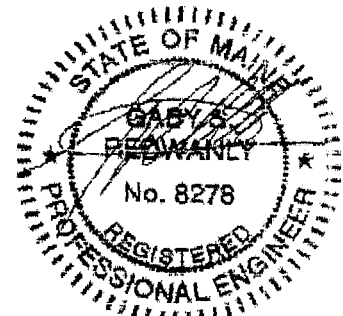
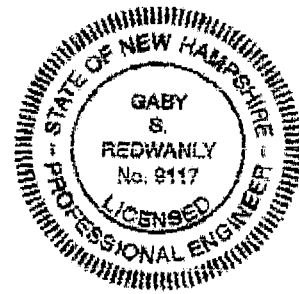
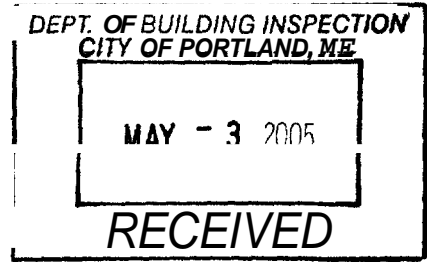
<b>LUMBER</b>									
TOP CHORD	4 X 2 SPF 2100F 1.8E				<b>BRACING</b>				
BOT CHORD	4 X 2 SPF 2100F 1.8E				TOP CHORD	Sheathed or 5-8-7 oc purlins, except end verticals.			
WEBS	4 X 2 SPF 1.8E				BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.			

**REACTIONS (lb/size)** V=1410/0-3-8, N=1410/0-3-8

**FORCES (lb) - Maximum Compression/Maximum Tension**  
 TOP CHORD V-W=104/0, A-VV=103/0, N-X=104/0, M-X=104/0, A-B=5/0, B-C=4311/0, C-D=4311/0, D-E=6368/0, E-F=6368/0, F-G=6368/0, G-H=6325/0, H-I=6406/0, I-J=6406/0, J-K=4311/0, K-L=4311/0, L-M=6/0  
 BOT CHORD U-V=0/2457, T-U=0/6598, S-T=0/6525, R-S=0/6825, Q-R=0/6825, P-Q=0/5365, O-P=0/2458  
 WEBS L-N=2768/0, B-V=2768/0, L-O=0/2106, B-U=0/2104, K-O=248/0, C-U=244/0, J-O=1468/0, D-U=1461/0, J-P=0/820, D-T=0/898, I-P=274/0, F-T=221/0, H-P=247/0, C-T=284/0, G-S=0/88, H-R=38/0

**NOTES**  
 1) All plates are MI120 plates unless otherwise indicated.  
 2) Recommend 2x5 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-18d nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

**LOAD CASE(S)** Standard



December 19, 2003

**Warning - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI1-7475 BEFORE USE**  
 Design valid for use only with MITEK connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult QST-88 Quality Standard, DSS-88 Bracing Specification, and HIS-81 Handling, Installing and Bracing Recommendation available from Truss Plate Institute, 583 O'Connell Drive, Madison, WI 53714



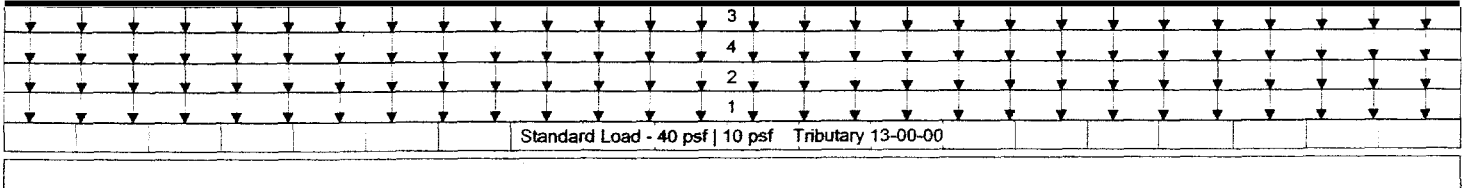
1-3 Orange St.

574005

**Single 5 1/4" x 1 1/8" VERSA-LAW 3080 DF**

Job Name: Sanders Condo  
 Address: Orange Street  
 City, State, Zip: Portland, ME  
 Customer: SAS Construction  
 Code reports: ICBO 5663,NER 442

File Name: BC CALC Project : FB02  
 Description:  
 Specifier: JCT  
 Designer: JCT  
 Company: FroMus  
 Misc: Garage Door Header



**B0**  
 9851 lbs LL  
 3635 lbs DL

**B1**  
 9851 lbs LL  
 3635 lbs DL

Total Horizontal Length - 09-03-00

**General Data**

Version: US Imperial  
 Member Type: Floor Beam  
 Number of Spans: 1  
 Left Cantilever: No  
 Right Cantilever: No  
 Slope: 0.12  
 Tributary: 13-00-00

Live Load: 40 psf  
 Dead Load: 10 psf  
 Partition Load: 0 psf  
 Duration: 100

**Disclosure**

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation.

BC CALCB®, BC FRAMER®, BCI®, BC RIM BOARD™, BC OSB RIM BOARD™, BOISE GLULAM™, VERSA-LAM®, VERSA-RIM®, VERSA-RIM PLUS®, VERSA-STRAND™, VERSA-STUD®, ALLJOIST® and AJS™ are trademarks of Boise Cascade Corporation.

**Load Summary**

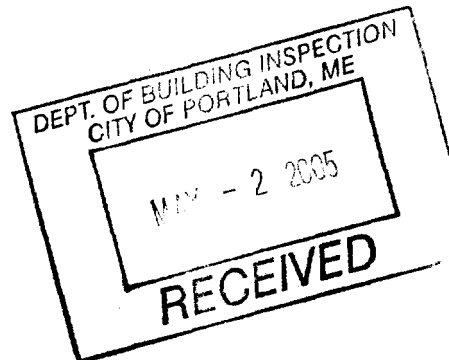
ID	Description	Load Type	Ref.	Start	End	Type	Value	Trib.	Dur.
S	Standard Load	Unf. Area	Left	00-00-00	09-03-00	Live	40 psf	13-00-00	100%
						Dead	10 psf	13-00-00	90%
1		Unf. Area	Left	00-00-00	09-03-00	Live	40 psf	13-00-00	100%
						Dead	10 psf	13-00-00	90%
2		Unf. Area	Left	00-00-00	09-03-00	Live	30 psf	13-00-00	100%
						Dead	10 psf	13-00-00	90%
3		Unf. Lin.	Left	00-00-00	09-03-00	Live	0 plf	n/a	90%
						Dead	240 plf	n/a	90%
4		Unf. Area	Left	00-00-00	09-03-00	Live	50 psf	14-00-00	115%
						Dead	10 psf	14-00-00	90%

**Controls Summary**

Control Type	Value	% Allowable	Duration	Load Case	Span Location
Moment	31 188 ft-lbs	85.5%	115%	3	1 - Internal
Neg. Moment	0 ft-lbs	n/a	100%		
End Shear	10601 lbs	77.8%	115%	3	1 -Left
Total Load Defl.	U339 (0.328")	70.9%		3	1
Live Load Defl.	L/464 (0.239)	77.7%		3	1
Max Defl.	0.328"	32.8%		3	1

**Notes**

Design meets Code minimum (L/240) Total load deflection criteria  
 Design meets Code minimum (L/360) Live load deflection criteria.  
 Design meets arbitrary (1") Maximum load deflection criteria.  
 Minimum bearing length for B0 is 2-7/8".  
 Minimum bearing length for B1 is 2-7/8".  
 Entered/Displayed Horizontal Span Length(s) = Clear-Span + 1/2 min. end bearing + 1/2 intermediate bearing

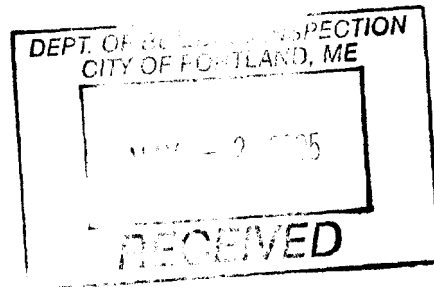


May 2, 2005

Stephen Sanders  
57 Clark St., Apt. #1  
Portland, ME 04102  
207.450.0004

Mike Nugent  
Inspection Services Manager  
Planning & Development Dept.  
Portland, ME 04101

Re: 1-3 Orange St.  
CBL #057H005001



Dear Mike:

Please find enclosed with this submission;

- (2) 24"x36" copies of building plans
- (1) 11"x17" copy of building plans
- Calculation sheets for garage door headers

Additional items to be submitted this week;

- (1) 24"x36" copy of site plan
- (1) 11"x17" copy of site plan
- Specifications of floor trusses
- Engineered foundation and retaining wall design
- Schedule of special inspections pertaining to the retaining walls

**This** project consists of (2) **3-bedroom**, 2-bath condominiums on a vacant piece of property subject to R6 Infill Development requirements. The downhill unit has (2) **stacked** decks on the second and third stories. The uphill unit has a deck on the rear (**east**) which **will** access a yard on the uphill (north) side of the site, and a deck on the third floor, which is framed into the roof system of the downhill **unit**, for which a framing detail is provided (**A5/S11**). Each unit will be sprinkled with a NFPA #13D wet pipe system.

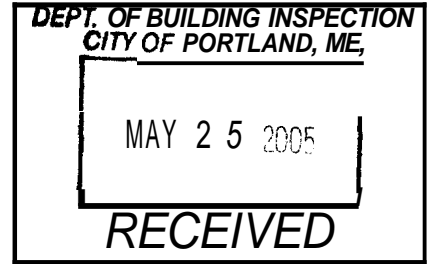
Currently, **this project** has **passed** the design review for R6 **small** lot development and I have obtained approval for my site plan. I have been 10+ months receiving these approvals. It is **my** hope **that**, with our pre-submission meeting, I have provided enough information to ensure the building approval will occur in a timely fashion. I am starting to line up contractors and it is my hope to break ground in the beginning of June 2005. Please tell me how I can assist you to make this a reality.

Sincerely,



Stephen Sanders  
SAS Construction

**STATEMENT OF SPECIAL  
CONSTRUCTION MONITORING**



**PROJECT:** Salem St. Condominium Retaining Walls  
Portland, Maine

**PERMIT APPLICANT:** Steve Sanders  
**APPLICANT'S ADDRESS:** 57 Clark St, Portland ME

**STRUCTURAL ENGINEER OF RECORD:** Associated Design Partners, Inc

**CONTRACTOR:** TBD

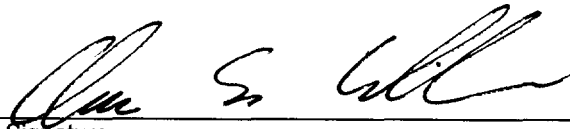
This Statement of Special Construction Monitoring is submitted as a condition for building permit issuance in accordance with Section 1704.0 of the 2003 International Building Code. It includes the Schedule of Special Construction Monitoring and Testing as applicable to this project. **Also** included is a listing of agents and other approved agencies to be retained for conducting the monitoring and testing applicable to this project.

The Special Construction Monitoring Coordinator shall keep records of all observations listed herein, and shall furnish field reports to the Registered Design Professional of Record. **All** discrepancies shall be brought to the immediate attention of the Contractor for correction, and to the Registered Design Professional of Record. If the discrepancies are not corrected, the discrepancies shall be brought to the attention of the Registered Design Professional of Record. Interim reports shall be submitted to the Registered Design Professional of Record monthly, unless more frequent submissions are requested.

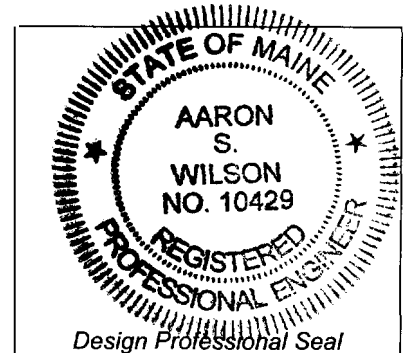
The Special Construction Monitoring program does not relieve the Contractor of his or her responsibilities. Job site safety is solely the responsibility of the Contractor. Materials and activities covered under the monitoring schedule are not to include the Contractor's equipment and methods used to erect or install the materials listed.

Prepared by:

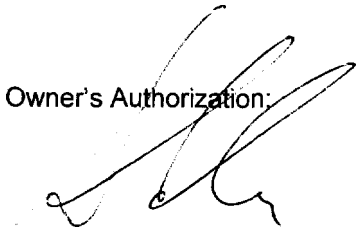
Aaron S. Wilson  
(type or print name)

  
Signature

5/24/05  
Date



Owner's Authorization:

  
Signature

5/24/05  
Date

Building Official's Acceptance:

Signature

Date

**SPECIAL CONSTRUCTION MONITORING AGENTS**

This Statement of Special Construction Monitoring/ Quality Assurance Plan includes the following building systems:

- |   |  |
|---|--|
| <input type="checkbox"/> Soils and Foundations                  | <input type="checkbox"/> Spray Fire Resistant Material         |
| <input type="checkbox"/> Cast-in-Place Concrete Retaining walls | <input type="checkbox"/> Wood Construction                     |
| <input type="checkbox"/> Precast Concrete                       | <input type="checkbox"/> Exterior Insulation and Finish System |
| <input type="checkbox"/> Masonry                                | <input type="checkbox"/> Mechanical & Electrical Systems       |
| <input type="checkbox"/> Structural Steel                       | <input type="checkbox"/> Architectural Systems                 |
| <input type="checkbox"/> Cold-Formed Steel Framing              | <input type="checkbox"/> Special Cases                         |

AGENT	FIRM	CONTACT INFORMATION
1. Engineer of Record	<b>Associated Design Partners</b>	<b>80 Leighton Rd Falmouth ME 04105 Ph: 878-1751</b>
2. Special Construction Monitoring Coordinator	<b>Associated Design Partners</b>	<b>80 Leighton Rd Falmouth ME 04105 Ph: 878-1751</b>
3. Field Monitor	<b>Associated Design Partners</b>	<b>80 Leighton Rd Falmouth ME 04105 Ph: 878-1751</b>
4. Testing Agency		
5. Other		

Note: The construction monitoring agent and testing agency shall be engaged by the Owner or the Owner's Agent, and not by the Contractor or Subcontractor whose work is to be inspected or tested. Any conflict of interest must be disclosed to the Building Official, prior to commencing work.

## QUALITY ASSURANCE FOR LATERAL SYSTEMS

### Quality Assurance for Seismic Requirements

Seismic Design Category

Quality Assurance Plan Required (Y/N) *N*

If seismic design category C, and plan is not required, explain (see exceptions to 1705.1)

*Special construction monitoring program applies to concrete retaining walls only*

Description of seismic force resisting system and designated seismic systems:

### Quality Assurance for Wind Requirements

Basic **Wind** Speed (3 second gust) *100MPH*

Quality Assurance Plan Required (Y/N) *N*

Description of wind force resisting system and designated wind resisting components:

### Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility in accordance with section 1705.3, and 1706.3 of the 2003 IBC code.

The qualifications of all personnel performing Special Inspection and testing activities are subject to the approval of the Building Official. The credentials of all Inspectors and testing technicians shall be provided if requested.

**Key for Minimum Qualifications of Inspection Agents:**

When the Registered Design Professional in Responsible Charge deems it appropriate that the individual performing a stipulated test or inspection have a specific certification or license as indicated below, such designation shall appear below the Agency **Number** on the Schedule.

- PE/SE**            Structural Engineer – a licensed SE or PE specializing in the design of building structures
- PE/GE**            Geotechnical Engineer – a licensed PE specializing in soil mechanics and foundations
- EIT**                Engineer-In-Training – a graduate engineer who has passed the Fundamentals of Engineering examination

**American Concrete Institute (ACI) Certification**

- ACI-CFTT**        Concrete Field Testing Technician – Grade 1
- ACI-CCI**         Concrete Construction Inspector
- ACI-LTT**        Laboratory Testing Technician – Grade 1&2
- ACI-STT**        Strength Testing Technician

**American Welding Society (AWS) Certification**

- AWS-CWI**            Certified Welding Inspector
- AWS/AISC-SSI**    Certified Structural Steel Inspector

**American Society of Non-Destructive Testing (ASNT) Certification**

- ASNT**            Non-Destructive Testing Technician – Level II or III.

**International Code Council (ICC) Certification**

- ICC-SMSI**        Structural Masonry Special Inspector
- ICC-SWSI**        Structural Steel and Welding Special Inspector
- ICC-SFSI**        Spray-Applied Fireproofing Special Inspector
- ICC-PCSI**        Prestressed Concrete Special Inspector
- ICC-RCSI**        Reinforced Concrete Special Inspector

**National Institute for Certification in Engineering Technologies (NICET)**

- NICET-CT**        Concrete Technician – Levels I, II, III & IV
- NICET-ST**        Soils Technician - Levels I, II, III & IV
- NICET-GET**      Geotechnical Engineering Technician - Levels I, II, III & IV

**Exterior Design Institute (EDI) Certification**

- EDI-EIFS**        EIFS Third Party Inspector



**TABLE 1 – STATEMENT OF SPECIAL INSPECTIONS, cont.**

MATERIAL/ACTIVITY	EXTENT of INSPECTION (Continuous, Periodic, Other, None)	COMMENTS	AGENT #	DATE COMPLETED	REV #
<b>1704.5 MASONRY CONSTRUCTION (MSE RETAINING WALLS)- Level 1 Special Inspection for non-essential facility – 1704.5.2</b>					
1. As Masonry Construction begins, the following shall be verified to ensure conformance	a. Proportions of site-prepared mortar	None	N.A.		
	b. Construction of mortar joints	None	N.A.		
	c. Location of reinforcement	Periodic	Monitor reinforcing grid install.	3	
	d. Pre-stressing technique	None	No pre-stressing in building		
	e. Grade and size of pre-stressing tendons.	None	No pre-stressing in building		
2. The Inspection program shall verify the following:	a. Size and location of structural elements.	Periodic	Verify size and type of block units to be installed.	3	
	b. Type, size, and location of embedded anchors.	Periodic	Inspect masonry unit dowel placement.	3	
	c. Size, grade, and type of reinforcing	Periodic	Inspect soil reinforcing grid type and placement.	3	
	d. welding of reinforcing bars	None	N.A.		
	e. Protection of Masonry during cold weather (temp. below 40 deg F.)	None	N.A.		
	f. Application and measurement of pre-stressing reinforcement	None	N.A.		
3. Prior to grouting, the following shall be verified to ensure compliance.	a. Grout space is clean	None	N.A.		
	b. Placement of reinforcement	None	N.A.		
	c. Proportions of site-prepared grout	None	N.A.		
	d. Construction of mortar joints	None	N.A.		
4. Grout placement shall be verified to ensure compliance with code and construction document provisions.	e. Grout placement	None	N.A.		
5. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.		None	N.A.		
<b>1704.6 SOILS</b>					
1. Site Preparation	Inspect preparation of site for conformance with specifications recommendations prior to placement of prepared fill.	Periodic		3	
2. Fill Placement	During Fill placement verify that material and lift thickness comply with specifications.	Periodic		3	
3. In-Place Soil Density	Verify compaction techniques	Periodic		3	