

City of Portland, Ma	ine - Building or Use	Permit Applicatio	on Per	mit No:	Issue Date:		CBL:	
	101 Tel: (207) 874-8703			07-0347			220 E001001	
Location of Construction: Owner Name:		Owner	r Address:			Phone:		
1565 CONGRESS ST	1577 CONGR	1577 CONGRESS STREET ASSO		3OX 7022				
Business Name:	Contractor Name		Contra	actor Address:		······	Phone	
	Terry Brown	Builders, Inc.	POE	Box 7022 Sca	arborough		2077674473	
Lessee/Buyer's Name	Phone:			t Type: nmercial			Zone K	P
Past Use:	Proposed Use:		Perm	it Fee:	Cost of Worl	K: CE	CO District:	~ Q
Vacant Land	Vacant Land	New 14,414 sf steel	9	618,095.00	\$1,800,00	0.00	3	
	frame bldg			DEPT:	Approved Denied	INSPECTI Use Group	$\sim$	53 7
Proposed Project Description:			$\neg$				664	
New 14, 414 sf steel fram	e bldg			ure: Grea	CHARR IVITIES DIST	Signature: RICT (P.A	tul	
			Action			roved w/Co	(	1
			Signa	ture:		Da	ate:	
Permit Taken By:	Date Applied For:	1		Zoning	Approva	1		
dmartin	04/03/2007						/	
1. This permit application	on does not preclude the	Special Zone or Rev	iews	Zoni	ng Appeal		Historic Preservatio	n
	eting applicable State and	Shoreland		🗌 Variano	e	6	Not in District or La	ndmark
2. Building permits do r septic or electrical we		Wetland	0,	Miscell	aneous		Does Not Require R	eview
3. Building permits are	void if work is not started of the date of issuance.	Flood Zone PA	-X	Conditi	onal Use		Requires Review	
	y invalidate a building	Subdivision	,	🔲 Interpre	tation		Approved	
(Department)	RMIT ISSUED	Pisite Plan 2007 - 0	0020	Approv	ed	[]	Approved w/Conditi	ons
J	UL 2 2007 OF PORTLAND	Maj Minor Mr O With Date: SA		Date:		Date:	Denied	)

#### 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

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and a second second

### **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: /577	CONGR	ess strekt,	Por	traws, me.
Total Square Footage of Proposed Structure		Square Footage of Lot		
14,414 SF.		69,6965	Ft	
Tax Assessor's Chart, Block & Lot	Owner:			Telephone:
Chart# Block# Lot# $\mathcal{Q}\mathcal{Q}  \tilde{\mathcal{K}}  \mathcal{O}\mathcal{O}($	1577 <i>Con</i>	green street 1	LLC,	767-4473
Lessee/Buyer's Name (If Applicable)	Applicant na	une, address & telephone BrowN -4473	e: Co	ost Of ork: \$_ <b>1,800,000 · <u>@</u></b>
		-4473 x 7022 grough ML 0		ee: \$
Current legal use (i.e. single family)	ANTLO	t	2010 0	
If vacant, what was the previous use? 9/15	STATION	I Sinale Fa	notu	Home.
Proposed Specific use: Medicac	office	/ - come / ar		
Is property part of a subdivision? <u>No</u>	If	yes, please name		
Project description: 55 × 86 Ne		• -		
Contractor's name, address & telephone:				
Who should we contact when the permit is read Mailing address:	y: <b>Terry</b> Phone:	1 Brown 767-4473		

Please submit all of the information outlined in the Commercial Application Checklist. Failure to do so will result in the automatic denial of your permit.

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 <u>www.portlandmaine.gov</u>, 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 of applicant:	Date: 3/31/07
This is not a permit; you may no	DEPT. OF BUILDING INSPECTION 7240 t com Cathor ANY Work until the permit is issued.
Building Inspections Division • 389 Congress Street • Portland,	1 Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207) 874-8936 RECEIVED

# Please call 874-8703 or 874-8698 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 Inspec	etion <u>:</u>	Prior to pouring concrete		
	Re-Bar Schedule Inspection:	Prior to pouring concrete			
	Foundation Inspection:		Prior to placing ANY backfill		
L	Framing/Rough Plumbing/Electr	ical:	Prior to any insulating or drywalling		
-1	Final/Certificate of Occupancy:	use. N	O any occupancy of the structure or OTE: There is a \$75.00 fee per ion 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.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR; BEFORE THE SPACE MAY BE OCCUPIED

Building Permit #:

Signature of Applicant/Designee Panie 6 50~

Signature of Inspections Official

Date

CBL: 220-1

City of Portland, Ma	ine - Bui	lding or Use Permit	t	Permit No:	Date Applied For:	CBL:
389 Congress Street, 04		0		07-0347 04/03/2007		220 E001001
Location of Construction:		Owner Name:		Owner Address:		Phone:
1565 CONGRESS ST		1577 CONGRESS ST		PO BOX 7022		
Business Name:		Contractor Name:		Contractor Address:		Phone
		Terry Brown Builders	, Inc.	PO Box 7022 Scar	borough	(207) 767-4473
Lessee/Buyer's Name		Phone:	]	Permit Type:		
				Commercial		
Proposed Use:			Propose	d Project Description:		
Vacant Land New 14,41	4 sf steel fra	ume bldg	New 1	4, 414 sf steel fram	e bldg	
<ul> <li>Dept: Zoning</li> <li>Note:</li> <li>1) This permit is being a work.</li> <li>2) Separate permits shal standing signs.</li> </ul>	pproved on	Approved with Conditior the basis of plans submi d for any new signage. F	tted. Any deviat		separate approval b	Ok to Issue:
Dept: Building Note:	Status: A	Approved	Reviewer:	Mike Nugent	Approval D	Pate: 07/02/2007 Ok to Issue: ☑
Dept: Fire Note: 1) Seperate Fire Alarm a 2) Application requires 3 3) All exits shall end at a	ind Sprinkle State Fire M	larshal approval.		Cptn Greg Cass	Approval D	Pate: 04/04/2007 Ok to Issue: ☑
Dept: Public Works Note:	Status: A	Approved with Condition	s <b>Reviewer:</b>	Dan Goyette	Approval D	ate: 03/05/2007 Ok to Issue: ☑
Dept: Zoning Note:	Status:		Reviewer:	Marge Schmucka	l Approval D	ate: Ok to Issue:
Dept: Parks Note:	Status: A	Approved	Reviewer:	Jeff Tarling	Approval D	ate: 03/05/2007 Ok to Issue: 🗹
Dept: Fire Note:	Status: A	approved	Reviewer:	Cptn Greg Cass	Approval D	ate: 02/20/2007 Ok to Issue: ☑
Dept: DRC Note:	Status: N	lot Applicable	Reviewer:		Approval D	ate: Ok to Issue:

Location of Construction:	Owner Name:		Owner Address:		Phone:	
1565 CONGRESS ST	1577 CONGRESS STREET ASSO		PO BOX 7022			
Business Name:	Contractor Name:		Contractor Address:		Phone	
	Terry Brown Builders	, Inc.	PO Box 7022 Scarborough		(207) 767-4473	
Lessee/Buyer's Name	Phone:		Permit Type:			
			Commercial			
Dept: Planning Status: A Note:	pproved with Condition	ns Reviewer	Barbara Barhydt A	pproval Da	te: 03/05/2007 Ok to Issue:	
<b>Comments:</b> 4/23/2007-dmartin: Terry Brown called today to say that the existing bldg on the property that he was going to demo will not be happening because the Historic Dept. Is taking the bldg.						
4/24/2007-ldobson: Need geotechnica	al report PER MJN					
5/3/2007-Idobson: I've commenced th	5/3/2007-Idobson: I've commenced the review and need the following info to go forward:					
1) The geotechnical report is based on the 1996 BOCA code. This needs to be revised and resubmitted.						
2) There is no "page 3" form, so they have not designated their type of construction or use group, As well as other important information,						
3) There are no electrical plans.						

4) The architectural plans lack any construction details.

5) There is no COMcheck report or similar info establishing compliance with IECC standards.

From:	MIke Nugent
То:	jfdidonato@adelphia.net
Date:	6/30/2007 3:56:00 PM
Subject:	Re: Stroudwater Station _1577 Congress St.

I just finished and signed off. The only minor thing is that the S-01 and S 02 pages that we received were not stamped, please have a set dropped off. I'm dropping the signed permit off on Monday at noon!

Thanks for all of your cooperation!

Mike

>>> "joseph didonato" <jfdidonato@adelphia.net> 06/24/07 7:48 PM >>> Mike -

Terry is dropping off the drawings to city hall.

Joe

----- Original Message -----From: "MIke Nugent" <mjn@portlandmaine.gov> To: <jfdidonato@adelphia.net> Cc: <ttbrown@maine.rr.com> Sent: Saturday, June 23, 2007 8:30 PM Subject: Re: Stroudwater Station \_1577 Congress St.

- > Joe, thanks , can you provide hard copies to City hall I can't open > attachments here >>>> "joseph didonato" <jfdidonato@adelphia.net> 06/21/07 10:57 AM >>> > Mike -> Please find my response to each of the remaining issues for Stroudwater > Station. > Let me know if you have any other questions. > > Regards, > Joe DiDonato > > > > ----- Original Message ----->> From: "Mike Nugent" <mjn@portlandmaine.gov> >> To: <ttbrown@maine.rr.com>; "Jeanie Bourke" <JMB@portlandmaine.gov>; > "Lannie >> Dobson" <LDobson@portlandmaine.gov>; "Mlke Nugent" > <min@portlandmaine.gov> >> Cc: <Dana.C.Tuttle@maine.gov> >> Sent: Tuesday, June 05, 2007 9:15 PM >> Subject: 1577 Congress St. I didn't see the Unrinals! >> >> >>> Please disregard the number of fixture comment and provide a Drinking >>> Fountain and we're good in this area! The tenants will provide
- > water bubblers on each floor.

>>> >>>>> Mlke Nugent 06/05/07 9:01 PM >>> >>> Terry, >>> >>> I have completed my review and the plumbing issue has not been >>> satisfied. Table 4-1 of the State Plumbing Code (Based on the 2000 > UPC) >>> requires that there be Four Fixtures for Males and Four Fixtures for >>> females for a total of 8 for the occupants and staff. you show 6 and > no>>> water fountains either. This needs to be resolved. >>> The following are the remaining issues: Complete >>> >>> 1) We need the UL listing for wall 1C UL Sim. to UL U418. Rich McCarthy from the Fire Marshal's office has approved this > > assembly. >>> 2) Please provide details that demonstrate that the supporting >>> construction for the Elevator shaft and stair wells meet or exceed > the >>> required Fire rating. Refer to Wall Details at the Elevator Shaft > and Stairwells on Sheets A9 & A11 and the Wall types 3 & 6 on Sheet A3. See > > attached pdf drawings. >>> >>> 3) Need an interior finish schedule that establishes compliance with >>> applicable portions of Chapter 8 (Interior Finishes) Looking for > flame >>> spread and smoke generation info. Refer to attached pdf Sheet A7.1 > Room Finish Schedule. >>> >>> 4) The door schedule comments include the word "Closure" for the exit >>> enclosure stairway doors, is this intended to mean that these are > self >>> closing? If so please make sure stairway 3's door is a self closer as >>> well. Yes the word "Closure" is intended to mean self-closing. > Stair 3 - Door # 242 also requires a "Closure". Refer to the revised Door Schedule - Sheet A7. See > > attached pdf drawing. > >>> Also please provide information that establishes that these door >>> assemblies comply with NFPA 80, UL 1784 and that the glazing complies >>> with NFPA 252. Refer to General Notes (Doors) - #5 and #6 located > on Sheet A7 Door / Window Schedule. >>> >>> 5)The Windows in the second floor stairway landings must be safety >>> Glazing (Section 2406.3 ss 10) Please provide this info. Refer to > General Note (Windows) - #1 located on Sheet A7 > Door / Window Schedule. > >>> >>> 6) Please provide a code justification for omitting the masonry > assembly >>> from the special inspection program. Because our building falls into > Seismic Design Category C not Category E or F. Refer to General Notes > on sheet S0.1 NOTES . Special inspections of such masonry veneer shall

> be in accordance with Section 1704.5 and would not be required per IBC > 2003 as determined by the structural engineer . Refer to Structural > Engineers e-mail attached. >>> >>> 7) Please provide the standards that the manufactured wood products > are >>> tested and approved under, the manufacturer and which psecific > products >>> will be used. Refer to Structural sheets and SO.2 NOTES for > prefabricated Wood Truss Notes and Wood Notes. > Mike - Terry Brown will drop off full size drawings for your > > files. > >>> >>> >>> I think that's It! >>> >>> >>> Thanks, >>> Mike Nugent >>> Consulting Plans Examiner > > >

#### CC:

ttbrown@maine.rr.com,JMB@portlandmaine.gov,LDobson@portlandmaine.gov,DMART IN@portlandmaine.gov

05/03/2007 03:30 2077671306	TERRY BROWN BUILDERS PAGE 02
ROM DESIGNER: DONATO	Arch Hects
DATE: 5.3.07	
ob Name: STROUDWA	THE STATION
ddress of Construction: 1577 Con	GREES STREET +
2003 Inter	national Building Code
	med to the building code criteria listed below:
ype of Construction TYPE VB	
ill the Structure have a Fire suppression system in Acco	ordance with Section 903.3.1 of the 2003 IRC NFPA 13
the Structure mixed use? If yes, separated	d or non separated or non separated (section 302.3)
upervisory alarm System? <u>465</u> Geotechnical/So	oils report required? (See Section 1802.2)
TRUCTURAL DESIGN CALCULATIONS	NA Live load reduction
Submitted for all structural members (106.1 -	106.11 Roof live loads (1603.1.2, 1607.11)
ESIGN LOADS ON CONSTRUCTION DOCUMEN	
aiferanly distributed floor live loads (7603.11, 1807)	60 psf Ground snow load, Pg (1608.2)
Floor Area Use Loads Shown	$\frac{42psf}{16ps} = 16psf, flat-roof snow load pf$
OFFICES 5075	$1-0$ If $P_g > 10$ psf, snow exposure factor, $G_c$
PARTITION ZOPST	$/.0$ If $P_B > 10$ psf, snow load importance facto
LOBBIES 100 psf	Roof thermal factor, (1608.4)
CULLIDOUS HEAVE FIRST FLOOR = 80155	42-f51- Sloped roof snowland, pr(1608.4)
iud loads (1603.1.4, 1609)	C. Seismic design category (1616.3)
Alo Design option utilized (1609.1.1, 1609.6)	STEEL SNUS HEAR WALL Basic scismic force resisting system
100 mgh Basic wind speed (1809.3)	Response modification coefficient, RI and
<u>(10</u> Building category and wind importance Factor, (Table 1604.5, 1009.5) Wind exposure category (1609.4)	deflection amplification factor <sub>cd</sub> Table 161 EQUIV. LATERAL For Analysis procedure (1616.6, 1617.5)
	19.3 K. Design base shear (1617.4, 16175.5.1)
23 pst	
15.4955 Main force wind prossures (7603.1.1, 1609.6.2.1)	Flood Hazard area (1612 3)
rth design data (1603.1.5, 1614-1623)	MA Elevation of structure
NO Design option utilized (1614.1)	Other loads
Seismic use group ("Category") trable 1604.5, 1616.	(2) NA Competend lends (1601.4)
= 0. 37 Sol = Spectral response coefficients, SDs & SDI (1615.1)	20 Psf Partition loads (1607.5)
Site class (1615 1.5)	Misc. loads (Table 1607.8, 1607.6 1, 1607.7, 1607.12, 1607 13, 1610, 1611, 2404
DEPT. OF BUILDING INS	D. ME
DEP <mark>F OF DURDING INS</mark> DITY CAR DE TLAND	CHECTION
MAT - 7 200	

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### Accessibility Building Code Certificate

Designer:	COSEPH DIDONATO				
Address of Project:	1577 CONGRESS St STROUDWATER STATIO	N			
Nature of Project:	2 STORY MEDICAL OFFICE BUILDING				
	total 14,414 S.F FULLY SPRINKLERED				
	WOO FRAME, ELEVATOR ACCESSIBLE				

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.

UNSED ARCHING	Signature: Sept DIDMAD
JOSEPH F.	Title: ARaHitset
(SEAND 2124 *	Firm: DIDONATO APCHITECTS
09	Address: 134 QUINED ROAD
E OF WHAT	KENNEBUNKPORT, ME. 04046
	Phone: 207-286-2900

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

Building Inspections Division + 389 Congress Street + Portland, Maine 04101 + (207) 874-8703 + FACSIMILE (207) 874-8716 + TTY (207) 874-8936

5



Certificate of Design

Date:

APRIL 3, 2007 JOSEPH DIDONATO

From:

These plans and / or specifications covering construction work on:

STROUDWATTER STATION 1577 CONGRESS St. PRETLAND MAINE

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

JOSEPH F. DIDONATO No. 2191	Title: Firm:	ARCHITESCT DIDONATO ARCHITESCTS
	Address:	134 GUINEA Rd.
		KENNEBUNKPORT, ME 04046
	Phone:	207-286-2900

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

Building Inspections Division • 389 Congress Street • Portland, Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207) 874-8936

**CIVIL & STRUCTURAL ENGINEERING** 



424 Fore St., Portland, ME 04101 Phone 207.842.2800 Fax 207.842.2828

April 4, 2007

Mr. Terry Brown 1577 Congress Street Assoc. LLC P.O. Box 7022 Scarborough, ME 04074

## Re: CONTRACT FOR SPECIAL INSPECTION COORDINATION/SITE OBSERVATIONS 1577 Congress St

Project Number: 7016 - 8

Dear Mr. Terry Brown:

Thank you for the opportunity to provide you with Special Inspection Coordination/Site Observation Services for 1577 Congress Street in Portland, Maine.

#### **Description of Project**

The project involves approximately 15,000 sf of office space for a two-story structural steel building with exterior steel stud bearing walls on top of a first floor slab-on-grade with concrete frost walls and spread footings.

#### **Scope of Services**

The Services to be provided by Casco Bay Engineering are described in Exhibit A, titled *Statement of Special Inspections*, and Exhibit B, titled *Terms and Conditions*.

#### **Services Provided by Others**

Separate contracts shall be negotiated between the Owner and other Inspection or Testing Agencies indicated on Exhibit A or as required for the project as the project progresses.

#### **Engineering Charges**

Compensation for our services will be calculated on an hourly rate basis per our standard rate schedule. Additional Services will be charged at our then current standard hourly rates.

Our current standard hourly rate schedule is:

Principal/ Project Manager	\$85.00/hour
Project Engineer	\$70.00/hour
Designer/Drafter	\$60.00/hour

DEP	T. OF BUILDING INSPECTION CITY OF PORTLAND, ME
	APR - 5 2007
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Page 1 of 2

#### **Reimbursable Expenses**

Reimbursable expenses shall be billed with a multiplier of 1.00 times the cost incurred. These costs include mileage, reproduction, postage, and long distance communication costs.

#### **Additional Provisions**

If Basic Services covered by this Agreement have not been completed within 18 months of the date hereof, through no fault of the Structural Engineer, the amounts of compensation set forth in this Agreement shall be equitably adjusted.

This Letter of Agreement, along with Exhibits A and B hereto, constitute the entire agreement between the parties. Please examine these documents and if acceptable, sign the original letter and return it to us while retaining a copy for your records. We will begin services upon receipt of a signed contract.

We look forward to continuing our work with you.

Sincerely,

Eric Dube President Casco Bay Engineering

**ACCEPTED BY** 

4/5/07

### **Statement of Special Inspections**

Project: 1577 Congress Street

Location: 1577 Congress Street, Portland, ME

Owner: Terry Brown

Design Professional in Responsible Charge: Scott Markowski, P.E.

This Statement of Special Inspections is submitted as a condition for permit issuance in accordance with the Special Inspection and Structural Testing requirements of the Building Code. It includes a schedule of Special Inspection services applicable to this project as well as the name of the Special Inspection Coordinator and the identity of other approved agencies to be retained for conducting these inspections and tests. This Statement of Special Inspections encompass the following disciplines:

Structural Architectural Mechanical/Electrical/Plumbing Other:

The Special Inspection Coordinator shall keep records of all inspections and shall furnish inspection reports to the Building Official and the Registered Design Professional in Responsible Charge. Discovered discrepancies shall be brought to the immediate attention of the Contractor for correction. If such discrepancies are not corrected, the discrepancies shall be brought to the attention of the Building Official and the Registered Design Professional in Responsible Charge. The Special Inspection program does not relieve the Contractor of his or her responsibilities.

Interim reports shall be submitted to the Building Official and the Registered Design Professional in Responsible Charge.

A Final Report of Special Inspections documenting completion of all required Special Inspections, testing and correction of any discrepancies noted in the inspections shall be submitted prior to issuance of a Certificate of Use and Occupancy.

Job site safety and means and methods of construction are solely the responsibility of the Contractor.

Interim Report Frequency: Periodic

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	III ST.
	SCOTT *
	SCOTT MARKOWSKI NO. 11161
	NO. 11161
	The Conset Still
4/4/07	SONAL ENGINE
Date	Design Professional Seal
	Boolgin Horosolonar Ocar
Building Official's Acce	eptance:/
	A
IMAL	~ ( 6,3%)
Signature	Date
	Date Building Official SAcco

or per attached schedule.

### Schedule of Inspection and Testing Agencies

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

XX	Soils and Foundations Cast-in-Place Concrete	Spray Fire Resistant Material Wood Construction
	Precast Concrete	Exterior Insulation and Finish System
	Masonry	Mechanical & Electrical Systems
$\boxtimes$	Structural Steel	Architectural Systems
$\boxtimes$	Cold-Formed Steel Framing	Special Cases

Sp	ecial Inspection Agencies	Firm	Address, Telephone, e-mail
1.	Special Inspection Coordinator Scott Markowski, P.E.	Casco Bay Engineering	424 Fore Street Portland, ME 04101 207-842-2800 <u>scottm@cascobayengineering.com</u>
	Inspector oger Domingo	SW Cole / Elite Inspection	286 Portland Road Gray, ME 04039 207-657-2866 rdomingo@swcole
3.	Inspector		
4.	Testing Agency		
5.	Testing Agency		
6.	Other		

Note: The inspectors and testing agencies 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 Plan**

#### **Quality Assurance for Seismic Resistance**

Seismic Design Category	С
Quality Assurance Plan Required (Y/N)	Y

Description of seismic force resisting system and designated seismic systems: Steel Stud Shear Walls transfer lateral load to foundation

#### **Quality Assurance for Wind Requirements**

Basic Wind Speed (3 second gust)	100
Wind Exposure Category	B
Quality Assurance Plan Required (Y/N)	Y

Description of wind force resisting system and designated wind resisting components: *Steel Stud Shear Walls transfer lateral load to foundation* 

#### Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated above must submit a Statement of Responsibility.

### **Soils and Foundations**

ltem	Agency # (Qualif.)	Scope
1. Shallow Foundations	#2	Inspect soils below footings for adequate bearing capacity and consistency with geotechnical report. Inspect removal of unsuitable material and preparation of subgrade prior to placement of controlled fill
2. Controlled Structural Fill	#2	Perform sieve tests (ASTM D422 & D1140) and modified Proctor tests (ASTM D1557) of each source of fill material. Inspect placement, lift thickness and compaction of controlled fill. Test density of each lift of fill by nuclear methods (ASTM D2922) Verify extent and slope of fill placement.
3. Deep Foundations		n/a
4. Load Testing		
4. Other:		

### **Cast-in-Place Concrete**

Item	Agency # (Qualif.)	Scope
1. Mix Design	#2	Review concrete batch tickets and verify compliance with approved mix design. Verify that water added at the site does not exceed that allowed by the mix design.
2. Material Certification		
3. Reinforcement Installation	#1 or #2	Inspect size, spacing, cover, positioning and grade of reinforcing steel. Verify that reinforcing bars are free of form oil or other deleterious materials. Inspect bar laps and mechanical splices. Verify that bars are adequately tied and supported on chairs or bolsters
4. Post-Tensioning Operations		n/a
5. Welding of Reinforcing		n/a
6. Anchor Rods	#1 or #2	Inspect size, positioning and embedment of anchor rods. Inspect concrete placement and consolidation around anchors.
7. Concrete Placement	#2	Inspect placement of concrete. Verify that concrete conveyance and depositing avoids segregation or contamination. Verify that concrete is properly consolidated.
8. Sampling and Testing of Concrete	#2	Test concrete compressive strength (ASTM C31 & C39), slump (ASTM C143), air-content (ASTM C231 or C173) and temperature (ASTM C1064).
9. Curing and Protection	#2	Inspect curing, cold weather protection and hot weather protection procedures.
10. Other:		
		L

### **Structural Steel**

lte	m	Agency # (Qualif.)	Scope
1.	Fabricator Certification/ Quality Control Procedures	#2	Review shop fabrication on site Or, a fabricator may be exempt from shop inspections when approved by the Special Inspector and certified by AISC.
2.	Material Certification	#1/#2	Review certified mill test reports and identification markings on wide-flange shapes, high-strength bolts, nuts and welding electrodes
3.	Open Web Steel Joists		n/a
4.	Bolting	#2	Inspect installation and tightening of high-strength bolts. Verify that splines have separated from tension control bolts. Verify proper tightening sequence. Continuous inspection of bolts in slip- critical connections.
5.	Welding	#2	Visually inspect all welds. Inspect pre-heat, post-heat and surface preparation between passes. Verify size and length of fillet welds. Ultrasonic testing of all full-penetration welds.
6.	Shear Connectors		
7.	Structural Details	#1/#2	Inspect steel frame for compliance with structural drawings, including bracing, member configuration and connection details.
8.	Metal Deck		n/a
9.	Other:		

### **Cold-Formed Steel Framing**

Item	Agency # (Qualif.)	Scope
1. Member Sizes	#1	Inspect exterior light gage metal stud wall for compliance with structural drawings.
2. Material Thickness		
3. Material Properties		
4. Mechanical Connections	#1	Inspect exterior light gage metal stud wall connections for compliance with structural drawings.
5. Welding		
6. Framing Details	#1	Inspect exterior light gage metal stud wall connections for compliance with structural drawings.
7. Shear Walls	#1	Inspect size, configuration, blocking and fastening of shearwalls. Verify panel grade and thickness.
8. Permanent Truss Bracing		n/a
9. Other:		

### Wood Construction

lte	m	Agency # (Qualif.)	Scope
1.	Fabricator Certification/ Quality Control Procedures		Inspect shop fabrication and quality control procedures for wood truss plant.
2.	Material Grading		
3.	Connections	#1	Inspect wood connections for compliance with structural drawings
4.	Framing and Details	#1	Inspect framing and details for compliance with structural drawings
5.	Diaphragms	#1	Inspect size, configuration, blocking and fastening of diaphragms. Verify panel grade and thickness.
6.	Prefabricated Wood Trusses	#1	Inspect the fabrication of wood trusses.
7.	Permanent Truss Bracing	#1	Inspect permanent truss bracing is in place in accordance with fabricators shop drawings.
8.	Other:		

### Contractor's Statement of Responsibility

Each contractor responsible for the construction or fabrication of a system or component designated in the Quality Assurance Plan must submit a Statement of Responsibility.

Project: 1577 Congress St

Contractor's Name: Terry Brown

Address:

License No.:

Description of designated building systems and components included in the Statement of Responsibility:

#### **Contractor's Acknowledgment of Special Requirements**

I hereby acknowledge that I have received, read, and understand the Quality Assurance Plan and Special Inspection program.

I hereby acknowledge that control will be exercised to obtain conformance with the construction documents approved by the Building Official.

5/07

#### **Contractor's Provisions for Quality Control**

Procedures for exercising control within the contractor's organization, the method and frequency of reporting and the distribution of reports is attached to this Statement.

Identification and qualifications of the person(s) exercising such control and their position(s) in the organization are attached to this Statement.

# **CASE Document 4-1996**

#### An Agreement Between Owner and Structural Engineer for Special Inspection Coordination/Site Observations EXHIBIT B — Terms and Conditions

This is an exhibit attached to and made part of the agreement dated 5/12/05, between Casco Bay Engineering and Mad Cow LLC for 123 Commercial Street Renovation in Portland, ME.

#### Section 1 - General

#### 1.1 This Agreement

- 1.1.1 These Terms and Conditions, along with the Letter Agreement, and Exhibit A Statement of Special Inspections, form the Agreement as if they were part of one and the same document. Unless otherwise specified, this Agreement shall be governed by the laws of the principal place of business of the Special Inspector.
- 1.1.2 The Letter Agreement and Exhibit A may limit or negate the applicability of portions of these Terms and Conditions. Such limitation shall take precedence over provisions of this Exhibit.

#### 1.2 General obligations of the Special Inspector Coordinator/Site Observer and the Owner:

- 1.2.1 Carolyn C. Bird, P.E., of Casco Bay Engineering, hereinafter referred to as the Special Inspector Coordinator/Site Observer, shall provide Special Inspection Coordination/Site Observations related to the project as summarized in the Statement of Special Inspections, Exhibit A, and as further detailed in these Terms and Conditions.
- 1.2.2 The Owner shall provide to the Special Inspector Coordinator/Site Observer and additional Inspection and/or Testing Agencies a complete set of Contract Documents, sealed by the Design Professional and approved by the Building Official.
- 1.2.3 The Owner shall direct the Contractor to notify the Special Inspection Coordinator/Site Observer and additional Special Inspection and Testing Agencies (noted in Exhibit A) of the Contractor's progress so the Special Inspection Coordinator/Site Observer and additional Special Inspection and Testing Agencies (noted in Exhibit A) will have at least 24 hours notice prior to performance of work that will require inspection or testing.
- 1.2.4 The Owner shall designate a person to act with authority on his or her behalf in all aspects of the project.
- 1.2.5 The Special Inspection Coordinator/Site Observer shall designate a person or persons to act with authority on his or her behalf with respect to all aspects of the project,
- 1.2.6 The Special Inspection Coordinator/Site Observer or his or her designee shall notify the Contractor of his or her presence and responsibilities at the job site.
- 1.2.7 The Special Inspection Coordinator/Site Observer shall submit interim reports as may be required by the Building Official.
- 1.2.8 The Special Inspection Coordinator/Site Observer shall submit to the Building Official the final report of Special Inspections before issuance of the Certificate of Occupancy.

#### 1.3 Definitions

- 1.3.1 Special Inspection Program is the mandatory quality assurance requirements for structural elements.
- 1.3.2 Special Inspector Coordinator/Site Observer is the Owner's agent that implements the Special Inspection Program for the project (normally the SER).
- 1.3.3 **Statement of Special Inspections** is the document filed with and approved by the Building Official that lists the materials and work requiring special inspection as stated in Exhibit A. This document shall include the inspections/observations to be performed, and the individuals, agencies and/or firms to be retained for conducting such inspections.
- 1.3.4 **Testing Laboratory** is an agency or firm qualified to inspect/observe structural elements and perform field and laboratory test to determine the characteristics and quality of building materials and workmanship.
- 1.3.5 **Contract Documents** are the Engineering and Architectural Drawings and Specifications issued for construction purposes, plus the Clarification Drawings, Addenda and Change Orders issued and acknowledged, including Contractors designed elements.
- 1.3.6 **Inspect and Inspection** are visual observation of materials, equipment, or construction work, on an intermittent basis, and as defined in Exhibit A, to determine that the work is in substantial conformance with the requirements of the Contract Documents.

#### Section 2 - Services

- 2.1.1 Services include implementation of the Special Inspection Program as designated in the Statement of Special Inspections for the Project and further detailed below. Some inspection and testing duties are to be performed by Testing Laboratories retained by either the Owner or the Special Inspection Coordinator/Site Observer, as agreed.
- 2.1.2 Unless otherwise stated in the Agreement, the Special Inspection Coordinator/Site Observer will provide only the following Services, as applicable to the Project.
- 2.1.3 Administrative Services:
  - The Special Inspection Coordinator/Site Observer shall keep records of all inspections related to the Statement of Special Inspections, Exhibit A.
  - The Special Inspection Coordinator/Site Observer shall review inspection and materials testing reports and will bring discrepancies to the attention of the Contractor.
  - The Special Inspection Coordinator/Site Observer shall distribute reports to the Building Official, the Architect, SER, Contractor, and the Owner. Reports will be submitted monthly unless more frequent submissions are requested by the Building Official.
- 2.1.4 In-Plant Review:
  - A Special Inspector shall review the Fabricator's facility to verify that the Fabricator maintains detailed fabrication and quality control procedures which provide a basis for inspection control of workmanship and the Fabricator's ability to conform to approved drawings, project specifications and referenced standards. A Special Inspector shall review the procedures for completeness and adequacy relative to the Building Code requirement for the Fabricator's scope of work. Or, a fabricator may be exempt from shop inspections when approved by the Building Official and is certified by the American Institute of Steel Construction (AISC).
  - The Special Inspection Coordinator/Site Observer shall not be responsible for the means, methods, techniques, sequences, or procedures selected by the Fabricator or safety precautions and program incident to the work of the Fabricator. The Special Inspection Coordinator/Site Observer's efforts will be directed toward providing a greater degree of confidence for the Owner and the Building Official that the completed work of the Fabricator will conform to the Contract Documents. The Special Inspection Coordinator/Site Observer shall not be responsible for the failure of the Fabricator to perform the work in accordance with the Contract Documents.

- 2.1.5 Certificate of Compliance Review:
  - Certificates of Compliance shall be reviewed for conformance with the standards specified in the Contract Documents. Discrepancies will be brought to the attention of the Contractor.
- 2.1.6 Field Review:
  - The Special Inspection Coordinator/Site Observer shall make site visits to inspect work designated to be reviewed by the Special Inspection Coordinator/Site Observer in the Statement of Special Inspections for the Project.
  - The Special Inspection Coordinator/Site Observer shall not be responsible for the means, methods, techniques, sequences, or procedures of construction selected by the Contractor or safety precautions and programs incident to the work of the Contractor. The Special Inspection Coordinator/Site Observer's efforts will be directed toward providing a greater degree of confidence for the Owner and the Building Official that the completed work of the Contractor will conform to the Contract Documents. The Special Inspection Coordinator/Site Observer shall not be responsible for the failure of the Contractor to perform the construction work in accordance with the Contract Documents.
- 2.1.7 Material Testing and Inspection:
  - The Special Inspection Coordinator/Site Observer shall review reports from Testing Laboratories to determine if the testing laboratory has verified conformance of the reported item of work with the Contract Documents.
  - The Special Inspection Coordinator/Site Observer shall initiate appropriate action in response to those reports, if required.

#### Section 3 - Fees and Payments

#### 3.1 Fees and Other Compensation

3.1.1 Fees and Compensation for Reimbursable Expenses are set forth in the letter Agreement.

#### 3.2 Payments on Account

- 3.2.1 Invoices for the Special Inspection Coordinator/Site Observer's services shall be submitted, at the Special Inspection Coordinator/Site Observer's option, either upon completion of any phase of service or on a monthly basis. Invoices shall be payable when rendered and shall be considered PAST DUE if not paid within 30 days after the invoice date.
- 3.2.2 Retainers, if applicable, shall be credited to the final invoice(s).
- 3.2.3 Any inquiry or questions concerning the substance or content of an invoice shall be made to the Special Inspection Coordinator/Site Observer in writing within 10 days of receipt of the invoice. A failure to notify the Special Inspection Coordinator/Site Observer within this period shall constitute an acknowledgement that the service has been provided and that the invoice is correct.

#### 3.3 Late Payments

- 3.3.1 A service charge will be charged at the rate of 1.5% (18% true annual rate) per month or the maximum allowable by law on the then outstanding balance of PAST DUE accounts. In the event any portion of an account remains unpaid 90 days after billing, the Owner shall pay all costs of collection, including reasonable attorney's fees.
- 3.3.2 In the event that any portion of an account remains unpaid 30 days after billing, the Special Inspection Coordinator/Site Observer may, without waiving any claim or right against the Owner, and without liability whatsoever to the Owner, suspend or terminate the performance of all services.

#### Section 4 - Insurance, Indemnifications and Risk Allocation

#### 4.1 Insurance

- 4.1.1 The Special Inspection Coordinator/Site Observer shall secure and endeavor to maintain professional liability insurance, and commercial general liability insurance to protect the Special Inspection Coordinator/Site Observer from claims for negligence, bodily injury, death, or property damage which may arise out of the performance of the Special Inspection Coordinator/Site Observer's services under this Agreement, and from claims under the Workers' Compensation acts. The Special Inspection Coordinator/Site Observer shall, if requested in writing, issue a certificate confirming such insurance to the Owner.
- 4.1.2 The Owner shall verify that the Contractor maintains insurance that will adequately protect the Contractor from claims.

#### 4.2 Indemnifications

- 4.2.1 The Owner shall indemnify and hold harmless the Special Inspection Coordinator/Site Observer and all of its personnel, from and against any and all claims, damages, losses and expenses (including reasonable attorney's fees) arising out of or resulting from the performance of the services, provided that any such claims, damage, loss or expense are caused in whole or in part by the negligent act or omission and/or strict liability of the Owner, anyone directly or indirectly employed by the Owner (except the Special Inspection Coordinator/Site Observer) or anyone for whose acts any of them may be liable.
- 4.2.2 The Owner shall indemnify and hold harmless the Special Inspection Coordinator/Site Observer and all of its personnel, from and against any and all claims, damages, losses and expenses (including reasonable attorney's fees) arising from the presence, discharge, release or escape of asbestos, hazardous waste, or other contaminants at the site.

#### 4.3 Risk Allocation

4.3.1 In recognition of the relative risks, rewards and benefits of the Project to both the Owner and the Special Inspection Coordinator/Site Observer, the risks have been allocated such that the Owner agrees that, to the fullest extent permitted by law, the Special Inspection Coordinator/Site Observer's total liability to the Owner for any and all injuries, claims, losses, expenses, damages or claim expenses arising out of this Agreement, from any cause Or causes, shall not exceed the amount of Special Inspection Coordinator/Site Observer's fee. Such causes include, but are not limited to, the Special Inspection Coordinator/Site Observer's negligence, errors, omissions, strict liability, breach of contract or breach of warranty.

#### Section 5 - Miscellaneous Provisions

#### 5.1 Termination, Successors and Assigns

- 5.1.1 This agreement may be terminated upon 10 days written notice by either party should the other fail to perform its obligations hereunder. In the event of termination, the Owner shall pay the Special Inspection Coordinator/Site Observer for all services rendered to the date of termination, all reimbursable expenses, and reasonable termination expenses.
- 5.1.2 The Owner and the Special Inspection Coordinator/Site Observer each binds himself or herself, partners, successors, executors, administrators, assigns and legal representative to the other party of this Agreement and to the partners, successors, executors, administrators, assigns, and legal representative of such other party in respect to all covenants, agreements, and obligations of this Agreement.

- 5.1.3 Neither the Owner nor the Special Inspection Coordinator/Site Observer shall assign, sublet or transfer any rights under or interest in (including but without limitations, monies that may be due or monies that are due) this Agreement, without the written consent of the other, except as stated in the paragraph above, and except to the extent that the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assigner from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent the Special Inspection Coordinator/Site Observer from employing such independent consultants, associates and subcontractors as he or she may deem appropriate to assist in the performance of services hereunder.
- 5.1.4 The Special Inspection Coordinator/Site Observer and Owner agree that the services performed by the Special Inspection Coordinator/Site Observer pursuant to this Agreement are solely for the benefit of the Owner and are not intended by either the Special Inspection Coordinator/Site Observer or the Owner to benefit any other person or entity. To the extent that any other person or entity, including but not limited to the Contractor and/or any of its Subcontractors and other Design Professionals, is benefitted by the services performed by the Special Inspection Coordinator/Site Observer pursuant to this Agreement, such benefit is purely incidental and such other person or entity shall not be deemed a third party beneficiary to this contract.

#### 5.2 Disputes Resolution

5.2.1 All claims, counterclaims, disputes and other matters in question between the parties hereto arising out of or relating to this Agreement or the breach thereof will be presented to non-binding mediation, subject to the parties agreeing to a mediator).

#### Section 6 - Supplemental Conditions

[Insert descriptions of any modifications to the Terms and Conditions included in this Agreement.]

- 1. Changed Special Inspector (or SI) to Special Inspector Coordinator/Site Observer. Changed Special Inspections to Special Inspection Coordination/Site Observations.
- 2. Exhibit A is the actual Statement of Special Inspections as proposed to be submitted to the Building Official rather than the CASE Document 4-1996 Schedule of Special Inspection Services which summarizes these services.
- 3. In-Plant Review (Section 2.1.4) added the clause "Or, a fabricator may be exempt from shop inspections when approved by the Building Official and is certified by the American Institute of Steel Construction (AISC).



**CASE** Council of American Structural Engineers 1015 Fifteenth Street, N.W., Suite 802, Washington, D.C. 20005 202-347-7474



Reviewed for Barrier Free State of Maine Department of Public Safety Construction Permit



# 16748

Sprinkled Sprinkler Supervised

#### STROUDWATER STATION

Located at: 1577 CONGRESS STREET

#### PORTLAND

Occupancy/Use: BUSINESS

Permission is hereby given to: 1577 CONGRESS ST. ASSOC. LLC

> PO BOX 7022 SCARBOROUGH, ME 04070

to construct or alter the afore referenced building according to the plans hitherto filed with the Commissioner and now approved.

No departure from application form/plans shall be made without prior approval in writing. This permit is issued under the provision

of Title 25, Chapter 317, Section 2448 and the provisions of Title 5, Section 4594 - F.

A.D. 2007

Nothing herein shall excuse the holder of this permit for failure to comply with local ordinances, zoning laws, or

other pertinent legal restrictions. Each permit issued shall be displayed/available at the site of construction.

This permit will expire at midnight on the 21 st of November 2007

Dated the 22 n day of May

Commissioner

	Copy-1 Owner	DEPT. OF BUILDING INSPECTION CITY OF PORTLAND, ME
Comments:		JUN - 4 2007
		RECEIVED

1577 CONGRESS ST. ASSOC. LLC

PO BOX 7022 SCARBOROUGH, ME 04070

5/11/07 Re: Strauburter STAtion Atta: Terry Brown

mike, Summit ENVIROMENTAL is reviewing the Change in the Foundation Should be Completed on monday the 14th. It that is satistation, is it Possible to get my Foundation Permit next Sincèrely, Terry Brown 831-1776 week?

