

closed 1/8/13

Job No: 2012-10-5100-SOB	Date Applied: 10/2/2012	CBL: 238-A-008-001	
Location of Construction: 64 BLUEBERRY RD	Owner Name: ECO MAINE - Kevin Tryteck	Owner Address: 64 BLUEBERRY RD PORTLAND, ME 04102	Phone: 773-1738
Business Name: ECO Maine	Contractor Name: Cianbro Corporation	Contractor Address: 60 CASSIDY POINT, PORTLAND, ME 04102	Phone: (207) 992-0460
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG	Zone: I-M
Past Use: Trash to Energy Facility	Proposed Use: Same: Trash to Energy Facility - to construct 470 sq ft steel frame storage shelves on the rear of the existing building	Cost of Work: \$173,000.00	CEO District:
		Fire Dept: 11/8/12 Signature: <i>[Signature]</i>	Inspection: Use Group 5 Type 1 Signature: <i>[Signature]</i> 11/7/12
Proposed Project Description: Construct 470 ft steel storage shelves		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Brad	Zoning Approval		
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.	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>OK 10/2/12</i>	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	Historic Preservation <input checked="" type="checkbox"/> Not in Dist 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: <i>9</i>
	CERTIFICATION		

SCANNED

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

12/13/12 - See S.I report final for structural
JMB

12-17-12 DWM Kevin 899-7941 final OK

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that ECO MAINE

Located At BLUEBERRY RD

Job ID: 2012-10-5100-SOB

CBL: 238-A-008-001

has permission to Construct 470 ft of exterior steel storage shelves, 5'x 82' provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Janine Bouke
Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD

closed

SCANNED

BUILDING PERMIT INSPECTION PROCEDURES

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

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

Footings/Setbacks prior to pouring concrete

Foundation/Rebar

Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Jeff Levine

Job ID: 2012-10-5100-SOB

Located At: BLUEBERRY RD

CBL: 238- A-008-001

Conditions of Approval:

Building

1. Application approval based upon information provided by the applicant or design professional. Any deviation from approved plans requires separate review and approval prior to work.
2. A final special inspection report shall be submitted prior to the final inspection or issuance of a certificate of occupancy. This report must demonstrate all deficiencies and corrective measures that were taken.
3. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.



General Building Permit Application

Entered 10/2/12
E-M

(183)

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.

2012-10-5100-508 0

Location/Address of Construction: <u>64 Blueberry Road, Portland ME</u>		
Total Square Footage of Proposed Structure/Area <u>470</u>		Square Footage of Lot <u>-</u>
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>238 17 8</u>	Applicant * must be owner, Lessee or Buyer* Name <u>ecomaine</u> Address <u>64 Blueberry Rd</u> City, State & Zip <u>Portland, ME 04102</u>	Telephone: <u>207-773-1738</u>
Lessee/DBA (If Applicable) <u>N/A</u>	Owner (if different from Applicant) Name <u>N/A</u> Address City, State & Zip	Cost Of Work: <u>173,000</u> 173,500 C of O Fee: \$ <u>1760.00</u> Total Fee: \$ <u>1755-</u>
Current legal use (i.e. single family) <u>WASTE TO ENERGY FACILITY</u> If vacant, what was the previous use? <u>N/A</u> Proposed Specific use: <u>MATERIAL STORAGE</u> Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>CONSTRUCT 470 sq. ft. steel frame storage shelves</u>		
Contractor's name: <u>CIANIBRO</u>		
Address: <u>60 Cassidy Point</u>		
City, State & Zip <u>Portland, ME 04102</u>		Telephone: _____
Who should we contact when the permit is ready: <u>KEVIN TRYTEK 773-1738</u>		Telephone: _____
Mailing address: <u>ecomaine, 64 Blueberry Rd, Portland, ME 04105</u>		

RECEIVED
OCT 02 2012
Dept. of Building Inspections
City of Portland Maine

Please submit all of the information outlined on the applicable 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 www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: [Signature] Date: Oct 2nd 2012

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



PORTLAND MAINE

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Receipts Details:

Tender Information: Check , Check Number: 35170

Tender Amount: 1755.00

Receipt Header:

Cashier Id: bsaucier

Receipt Date: 10/2/2012

Receipt Number: 48865

Receipt Details:

Referance ID:	8229	Fee Type:	BP-Constr
Receipt Number:	0	Payment Date:	
Transaction Amount:	1750.00	Charge Amount:	1750.00
Job ID: Job ID: 2012-10-5100-SOB - Construct 470 ft steel storage shelves			
Additional Comments: 64 Blueberry Road			

Referance ID:	519	Fee Type:	MISC-Over Payment
Receipt Number:	0	Payment Date:	
Transaction Amount:	5.00	Charge Amount:	5.00
Job ID: Miscellaneous charges			

Assessor's Office | 389 Congress Street | Portland, Maine 04101 | Room 115 | (207) 874-8486

[City](#) [Home](#) [Departments](#) [City Council](#) [E-Services](#) [Calendar](#) [Jobs](#)

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

Current Owner Information:

Services

[Applications](#)

[Doing Business](#)

[Maps](#)

[Tax Relief](#)

[Tax Roll](#)

[Q & A](#)

CBL 238 A008001
Land Use Type GOVERNMENTAL
Property Location 0 BLUEBERRY RD
Owner Information ECO MAINE
 64 BLUEBERRY RD
 PORTLAND ME 04102
Book and Page NCFY06/
Legal Description 238-A-8 238A-A-8 239-A
 2 245-A-5
 BLUEBERRY RD
 886336SF
Acres 20.3474

Current Assessed Valuation:

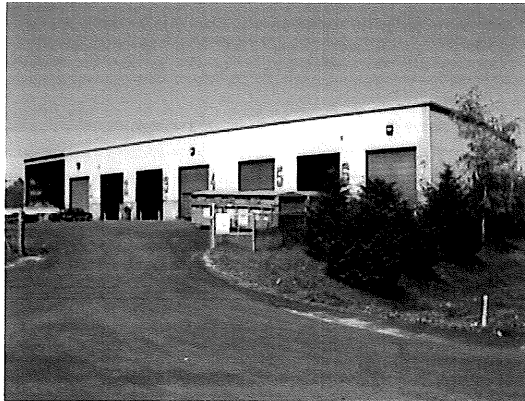
[browse city services a-z](#)

[browse facts and links a-z](#)

TAX ACCT NO.	29872	OWNER OF RECORD AS OF APRIL 2012
		ECO MAINE
LAND VALUE	\$1,293,900.00	64 BLUEBERRY RD
BUILDING VALUE	\$54,584,340.00	PORTLAND ME 04102
MUNICIPAL TYPE	(\$55,878,240.00)	
NET TAXABLE - REAL ESTATE	\$0.00	
TAX AMOUNT	\$0.00	



Any information concerning tax payments should be directed to the Treasury office at 874-8490 or [e-mailed](#).



[View Map](#)

Sales Information:

Sale Date	Type	Price	Book/Page
7/1/2005	LAND + BUILDING	\$0.00	NCFY06/
12/24/1986	LAND + BUILDING	\$0.00	7656/221

[New Search!](#)

ecomaine

Owner Communities October 1, 2012

Bridgton
Cape Elizabeth
Casco
Cumberland
Falmouth
Freeport
Gorham
Gray
Harrison
Hollis
Limington
Lyman
North Yarmouth
Ogunquit
Portland
Pownal
Scarborough
South Portland
Waterboro
Windham
Yarmouth

Inspections Division
Planning and Development Department
City of Portland
389 Congress Street, Room 308
Portland, Maine 04101

Dear Sirs:

Attached, please find the General Building Permit Application for the construction of an outside, steel frame storage system, proposed for the **ecomaine** facility at 64 Blueberry Road, Portland, Maine.

The proposed structure is a custom designed, steel framed storage shelf system. It is to be constructed adjacent to, but not in, an existing building. The structure is open on three sides, with one side being the existing siding of the ash handling building. The storage shelves are not accessible from the existing building and there will be no opening to it. The approximate dimensions are 5'6" deep by 82' long, by 22' high. Materials will be placed on the shelves by forklift from the open side.

Associate Members

Baldwin
Hiram
Naples
Parsonsfield
Porter
Saco
Standish

Materials to be stored are non-flammable metal maintenance materials such as boiler tubes, etc.

The project is wholly for the storage of materials and there is not possibility of human occupancy.


This application package contains one hard copy plus one CD with electronic copies of the following:

Contract Members

Andover
Cornish
Eliot
Greenland, NH
Harpwell
Jay
Kittery
Livermore Falls
Manchester
Monmouth
Newington, NH
North Haven
Old Orchard Beach
Poland
Readfield
Sanford
Stockton Springs
Wayne

1. General Building Permit Application with attachments and accompanying letter.
2. Drawings D1682-1 through D1682-9, inclusive, showing the design and details of the storage shelves and foundation.
3. A drawing showing the site boundaries.
4. A copy of Administrative Authorization #2012-588, dated 9/12/2012.

Sincerely,


Kevin H. Roche
General Manager

KR/lct
Enc.

cc: M. Cuddy - **ecomaine**



Certificate of Design

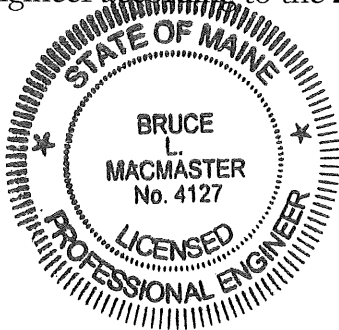
Date: SEPT 28 2012

From: ATLANTIC ENG SERVICES INC

These plans and / or specifications covering construction work on:

ECO MAINE STORAGE SHELVES AES #682
DW'GS D1682-1 THRU-9

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the **2009 International Building Code** and local amendments.



(SEAL)

Signature: Bruce MacMaster

Title: PRESIDENT

Firm: ATLANTIC ENGINEERING SERV INC

Address: 207 WOODVILLE RD
FALMOUTH ME

Phone: 878-2918

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



Certificate of Design Application

From Designer:

ATLANTIC ENGINEERING SERVICES

Date:

SEPT 28 2012

Job Name:

ECO MAINE STORAGE RACKS/SHELVES

Address of Construction:

69 BLUEBERRY RD PORTLAND

2009 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year 2009 Use Group Classification (s) N/A

Type of Construction TYPE I (STEEL FRAME)

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IRC NO

Is the Structure mixed use? NO If yes, separated or non separated or non separated (section 302.3) ---

Supervisory alarm System? NO Geotechnical/Soils report required? (See Section 1802.2) NO

Structural Design Calculations

YES Submitted for all structural members (106.1 - 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

Floor Area Use	Loads Shown
	<u>SEE DRAWINGS (100 PSF) CC</u>

Wind loads (1603.1.4, 1609)

Design option utilized (1609.1.1, 1609.6) ---

Basic wind speed (1809.3) ---

Building category and wind importance Factor, K_d (table 1604.5, 1609.5) N/A

Wind exposure category (1609.4) N/A

Internal pressure coefficient (ASCE 7) ---

Component and cladding pressures (1609.1.1, 1609.6.2.2) ---

Main force wind pressures (7603.1.1, 1609.6.2.1) ---

Earth design data (1603.1.5, 1614-1623)

Design option utilized (1614.1) ---

Seismic use group ("Category") N/A

Spectral response coefficients, S_D & S_I (1615.1) ---

Site class (1615.1.5) ---

Live load reduction ---

Roof live loads (1603.1.2, 1607.11) ---

Roof snow loads (1603.7.3, 1608) ---

Ground snow load, P_g (1608.2) ---

If $P_g > 10$ psf, flat-roof snow load P_f ---

If $P_g > 10$ psf, snow exposure factor, C_e ---

If $P_g > 10$ psf, snow load importance factor, I_s ---

Roof thermal factor, C_t (1608.4) ---

Sloped roof snowload, P_s (1608.4) ---

Seismic design category (1616.3) ---

Basic seismic force resisting system (1617.6.2) ---

Response modification coefficient, R , and deflection amplification factor, C_d (1617.6.2) ---

Analysis procedure (1616.6, 1617.5) ---

Design base shear (1617.4, 1617.5.1) ---

SEE DWG'S LETTER

Flood loads (1803.1.6, 1612)

NONE Flood Hazard area (1612.3)

NONE Elevation of structure

Other loads

NONE Concentrated loads (1607.4)

NONE Partition loads (1607.5)

NONE Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

Atlantic Engineering Services Inc.

207 WOODVILLE ROAD – FALMOUTH, MAINE 04105 / PHONE - FAX (207) 878-2918

Building Inspections Division
389 Congress St
Portland , ME.04101

September 28, 2012

Re : Outside storage shelves / racks AES Job # 1682 AES Drawings D1682-1 Thru -9

Attached please find the Certificate of Design and the Certificate of Design Application

On the Certificate of Design application most of the issues do not apply to this project.

Shelf loads are 10 PSF DL and 100 PSF LL as indicated on the drawings.

There no wind loads as there are no enclosed walls.

There are no occupancy issues.

The roof has a 50 PSF snow load which meets IBC Code for the area

The foundation column loads were designed using the SW Cole data which was used when the facility was constructed and design is very conservative

The project is outside the 100 year flood zone with base elevation 41'-6".

There no combustible materials used.

There are no other loads needed.

All structural designs meet requirements of The American Institute of Steel Construction.

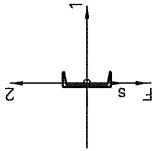
Inspections: Although not necessary, I would like to inspect the concrete piers before backfilling and a final inspection before use.

Sincerely



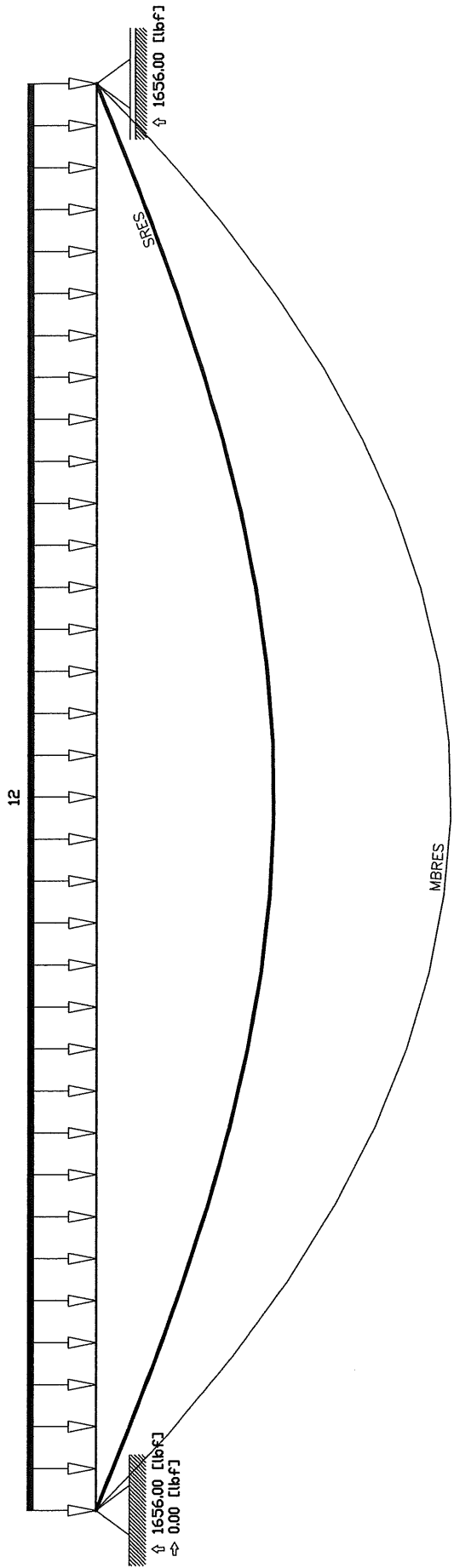
Bruce L. Macmaster PE
President

MOMENT OF INERTIA I1	INCH ⁴	36.1763
MOMENT OF INERTIA I2	INCH ⁴	1.535466
MOMENT OF INERTIA IEFF	INCH ⁴	36.1763
MAX. BORDER DIST.	INCH	4
SAFETY FACTOR		2.8494
YIELD POINT	PSI	36000
E-MODULUS	PSI	29000000
MATERIAL	STEEL STRUCTURAL COMN	
MAX.DEFLECTION S1	INCH	1033803 E-15
MAX.DEFLECTION S2	INCH	0.864240
MAX.BENDING MOMENT MB1	LB-FT	114.26 E3
MAX.BENDING MOMENT MB2	LB-FT	114.26 E3
MAX.STRESS	RES.	12634.
MAX.DEFLECTION SRES	INCH	0.864240
MAX.BENDING MOMENT MBRES	LB-FT	114.26 E3
SCALE FOR DEFL. LINE		3'-3" 29/32"=1
SCALE FOR BENDING MOM. LINE		11388'-0"



→ 22,000 ALLOWABLE
→ 1/330 SPAN

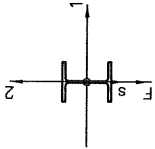
C8X13	
I INCH ⁴	36.1763
I _E INCH ⁴	1.535466
S INCH	4
A INCH ²	4.044538



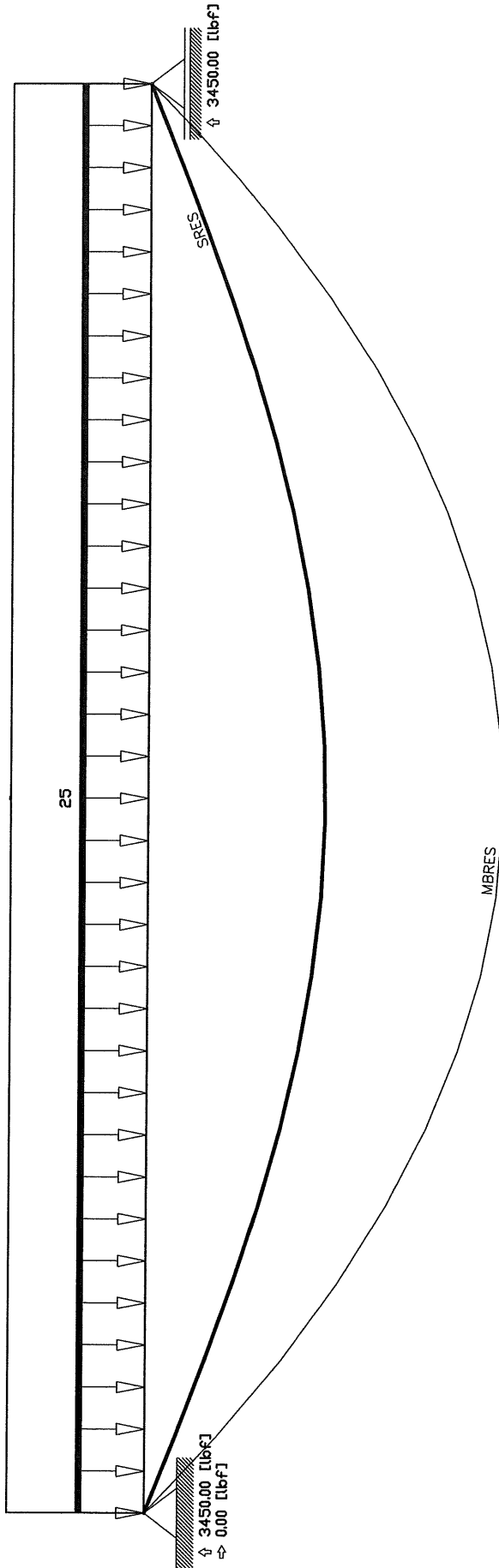
ROOF SUPPORT 50PSF

MOMENT OF INERTIA I1	INCH ⁴	98.6575
MOMENT OF INERTIA I2	INCH ⁴	21.6561
MOMENT OF INERTIA Ieff	INCH ⁴	98.6575
MAX. BORDER DIST.	INCH	4.03
SAFETY FACTOR		3.7022
YIELD POINT	PSI	36000
E-MODULUS	PSI	29000000
MATERIAL	STEEL STRUCTURAL COMM	
MAX DEFLECTION S1	INCH	0.149782 E-15
MAX BENDING MOMENT M1	LB IN	0.0122 E-9
MAX DEFLECTION S2	INCH	0.660217
MAX BENDING MOMENT M2	LB IN	238.05 E3
MAX STRESS RES.	PSI	9723.9
MAX DEFLECTION SRES	INCH	0.660217
MAX BENDING MOMENT MRES	LB IN	238.05 E3
SCALE FOR DEF. LINE		4'-4 1/4"
SCALE FOR BENDING MOM. LINE		1287'-6"

w8x28		
I INCH ⁴	98.6575	
E INCH ⁴	21.6561	
S INCH	4.03	
A INCH ²	8.301244	



→ 22,000 ALLOWABLE
→ 1/430 SPAN



SHELF SUPPORT 100PSF

$K = 0.5$
 $L = 20'$

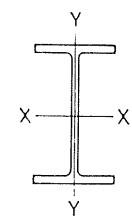
$24 \times 5 = 120$

$F_y = 36$ ksi
 $F_y = 50$ ksi

MAX $P_{allow} = 28K$

$F_y = 36$ ksi
 $F_y = 50$ ksi

COLUMNS
W shapes



Allowable axial loads in kips

Designation	W8				W6						
	28		24		25		20		15		
Wt./ft.											
F_y	36	50	36	50	36	50	36	50	36†	50†	
Effective length in ft. KL with respect to least radius of gyration r_y	0	178	248	153	212	159	220	127	176	96	133
	6	155	208	133	178	136	182	109	145	81	108
	7	150	198	129	170	131	173	105	137	78	102
	8	144	188	124	161	126	163	100	129	75	96
	9	138	178	118	152	120	152	95	121	71	89
	10	132	166	113	142	114	141	90	112	67	82
	11	125	154	107	132	107	129	85	102	62	74
	12	118	142	101	121	100	117	79	92	58	66
	13	111	128	95	109	93	103	73	81	53	57
	14	103	114	88	97	85	90	67	70	48	49
	15	95	100	81	85	77	78	60	61	43	43
	16	87	88	74	74	69	69	54	54	38	38
	17	78	78	66	66	61	61	47	47	33	33
	18	69	69	59	59	54	54	42	42	30	30
	19	62	62	53	53	49	49	38	38	27	27
	20	56	56	48	48	44	44	34	34	24	24
	22	46	46	39	39	36	36	28	28	20	20
	24	39	39	33	33	31	31	24	24	17	17
	25	36	36	30	30	28	28	22	22		
	26	33	33	28	28						
	27	31	31								

Properties

U	3.23	3.23	3.27	3.27	2.38	2.07	2.43	1.86	1.93	1.45
P_{unb} (kips)	48	67	39	54	47	65	35	49	26	36
P_{unb} (kips/in.)	10	14	9	12	12	16	9	13	8	12
P_{fb} (kips)	93	110	59	70	170	200	91	107	63	74
P_{fb} (kips)	49	68	36	50	47	65	30	42	15	21
L_c (ft.)	6.9	5.9	6.9	5.8	6.4	5.4	6.4	5.4	6.3	5.4
L_u (ft.)	17.5	12.6	15.2	10.9	20.0	14.4	16.4	11.8	12.0	8.7
A (in. ²)	8.25		7.08		7.34		5.87		4.43	
I_x (in. ⁴)	98.0		82.8		53.4		41.4		29.1	
I_y (in. ⁴)	21.7		18.3		17.1		13.3		9.32	
r_x (in.)	1.62		1.61		1.52		1.50		1.45	
Ratio r_x/r_y	2.13		2.12		1.78		1.77		1.77	
B_x } Bending	0.340		0.339		0.440		0.438		0.456	
B_y } factors	1.244		1.258		1.308		1.331		1.424	
a_x }	14.63		12.34		7.97		6.19		4.33	
a_y } *	3.23		2.73		2.53		1.97		1.39	

* Tabulated values of a_x and a_y must be multiplied by 10^6 .
† Flange is non-compact; see discussion preceding column load tables.
Note: Heavy line indicates KL/r of 200.



Accessibility Building Code Certificate

N/A

Designer: _____

Address of Project: _____

Nature of Project: _____

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

Signature: _____

Title: _____

Firm: _____

Address: _____

Phone: _____

(SEAL)

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

Fire Department requirements.

N/A

The following shall be submitted on a separate sheet:

- Name, address and phone number of applicant **and** the project architect.
- Proposed use of structure (NFPA and IBC classification)
- Square footage of proposed structure (total and per story)
- Existing and proposed fire protection of structure.
- Separate plans shall be submitted for
 - a) Suppression system
 - b) Detection System (separate permit is required)
- A separate Life Safety Plan must include:
 - a) Fire resistance ratings of all means of egress
 - b) Travel distance from most remote point to exit discharge
 - c) Location of any required fire extinguishers
 - d) Location of emergency lighting
 - e) Location of exit signs
 - f) NFPA 101 code summary
- Elevators shall be sized to fit an 80" x 24" stretcher.

For questions on Fire Department requirements call the Fire Prevention Officer at (207) 874-8405.

Please submit all of the information outlined in this application checklist. If the application is incomplete, the application may be refused.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

Permit Fee: \$30.00 for the first \$1000.00 construction cost, \$10.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.



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Administrative Authorization Application

Portland, Maine

Planning and Urban Development Department, Planning Division

PROJECT NAME: ecomaine - OUTDOOR STORAGE SHELVES

PROJECT ADDRESS: 64 Blueberry Rd. CHART/BLOCK/LOT: 238-A-8

APPLICATION FEE: \$50 (\$50.00)

PROJECT DESCRIPTION: (Please Attach Sketch/Plan of the Proposal/Development) #2012-588

470 S.F. of OUTDOOR STORAGE SHELVING

CONTACT INFORMATION:

OWNER/APPLICANT

Name: ecomaine
 Address: 64 Blueberry Road
Portland, ME 04102
 Work #: 207-773-1738
 Cell #: _____
 Fax #: 207-773-8296
 Home #: _____
 E-mail: TRYTEK@ecomaine.org

CONSULTANT/AGENT

Name: _____
 Address: _____
 Work #: _____
 Cell #: N/A
 Fax #: _____
 Home #: _____
 E-mail: _____

Criteria for an Administrative Authorization: (see section 14-523(4) on pg .2 of this appl.)

Applicant's Assessment Y(yes), N(no), N/A

- | | |
|---|--------------------------|
| a) Is the proposal within existing structures? | <u>Y (PAVED STORAGE)</u> |
| b) Are there any new buildings, additions, or demolitions? | <u>Y</u> |
| c) Is the footprint increase less than 500 sq. ft.? | <u>Y</u> |
| d) Are there any new curb cuts, driveways or parking areas? | <u>N</u> |
| e) Are the curbs and sidewalks in sound condition? | <u>N/A</u> |
| f) Do the curbs and sidewalks comply with ADA? | <u>N/A</u> |
| g) Is there any additional parking? | <u>N</u> |
| h) Is there an increase in traffic? | <u>N</u> |
| i) Are there any known stormwater problems? | <u>N</u> |
| j) Does sufficient property screening exist? | <u>Y</u> |
| k) Are there adequate utilities? | <u>N/A</u> |
| l) Are there any zoning violations? | <u>N</u> |
| m) Is an emergency generator located to minimize noise? | <u>N/A</u> |
| n) Are there any noise, vibration, glare, fumes or other impacts? | <u>N</u> |

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(Handwritten signature)

Signature of Applicant: <u>[Handwritten Signature]</u>	Date: <u>9/31/12</u>
---	-------------------------

IMPORTANT NOTICE TO APPLICANT: The granting of an Administrative Authorization to exempt a development from site plan review does not exempt this proposal from other required approvals or permits, nor is it an authorization for construction. You should first check with the Building Inspections Office, Room 315, City Hall (207)874-8703, to determine what other City permits, such as a building permit, will be required.

Administrative Authorization Decision

RECEIVED SEP 18 2012

EcoMaine
64 Blueberry Rd
Outdoor Storage Shelves

Project Description:

Criteria for an Administrative Authorizations:
(See Section 14-523 (4) on page 2 of this application)

Applicant's Assessment
Y(yes), N(no), N/A

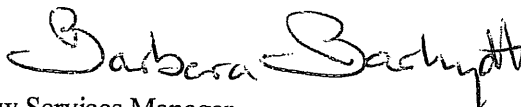
Planning Division
Use Only

a) Is the proposal within existing structures?	Yes	Yes
b) Are there any new buildings, additions, or demolitions?	Yes	Yes
c) Is the footprint increase less than 500 sq. ft.?	Yes	Yes
d) Are there any new curb cuts, driveways or parking areas?	No	No
e) Are the curbs and sidewalks in sound condition?	n/a	n/a
f) Do the curbs and sidewalks comply with ADA?	n/a	n/a
g) Is there any additional parking?	No	No
h) Is there an increase in traffic?	No	No
i) Are there any known stormwater problems?	No	No
j) Does sufficient property screening exist?	Yes	Yes
k) Are there adequate utilities?	n/a	n/a
l) Are there any zoning violations?	No	No
m) Is an emergency generator located to minimize noise?	n/a	n/a
n) Are there any noise, vibration, glare, fumes or other impacts?	No	No

The Administrative Authorization for the outdoor storage shelves for EcoMaine was approved by Barbara Barhydt, Development Review Services Manager on September 12, 2012 with the following condition of approval listed below:

1. Standard Condition of Approval: The applicant shall obtain all required City Permits, including building permits from the Inspection Division (874-8703) and any other permits required from the Department of Public Services (874-8801) prior to the start of any construction.

Barbara Barhydt
Development Review Services Manager
Date of Approval: September 12, 2012



Eco Maine

238-A-008

Project:
Date Prepared:

Structural Statement of Special Inspections (Continued)

Final Report of Special Inspections (SSIC/SI 1)

[To be completed by the Structural Special Inspections Coordinator (SSIC/SI 1). Note that all Agent's Final Reports must be received prior to issuance.]

Project:
Location:
Owner:
Owner's Address:

Architect of Record: _____

Structural Registered Design Professional in Responsible Charge: BRUCE L. MACMASTER ATLANTIC ENG SERVICES
(name) (firm) Joint Public (name) (firm)

To the best of my information, knowledge and belief, the Special Inspections required for this project, and itemized in the *Statement of Special Inspections* submitted for permit, have been performed and all discovered discrepancies have been reported and resolved.

Interim reports submitted prior to this final report form a basis for and are to be considered an integral part of this final report.

Respectfully submitted,
Structural Special Inspection Coordinator

BRUCE L. MACMASTER

(Type or print name)

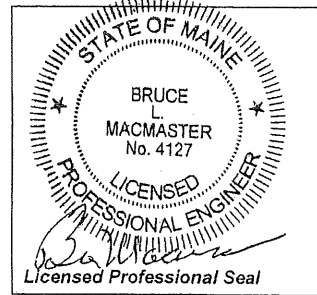
ATLANTIC ENG SERVICES

(Firm Name)

Bruce L. MacMaster

Signature

12-13-12
Date



✓ PDF

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DEC 13 2012
Dept. of Building Inspections
City of Portland Maine

Atlantic Engineering Services Inc.

207 WOODVILLE ROAD - FALMOUTH, MAINE 04105 / PHONE - FAX (207) 878-2918

ECO MAINE
64 BLUEBERRY ROAD
PORTLAND, ME 04105

December 13, 2012

Attn Kevin Trytek

Re Storage Shelves AES Job #1682

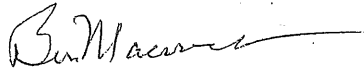
Dear Kevin

As to the above project I have done a visual inspection of the fabrications as to materials, welding and bolted connections and find them all to meet the design requirements as I specified for this project. All fabrications and site welding was performed by the Cianbro Corp which is an AISC certified fabricator and I have attached their AISC Certificate.

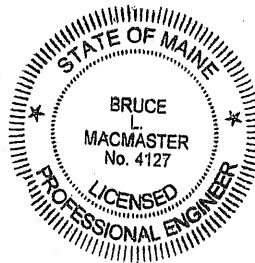
I hope this will meet with the requirements of the Portland Building Department as to the structural steel fabrication and installation.

If you need more please feel free to call

Sincerely



Bruce L. Macmaster P.E.
President



MECHANICAL / STRUCTURAL ENGINEERS FOR INDUSTRY



Report of Gradation

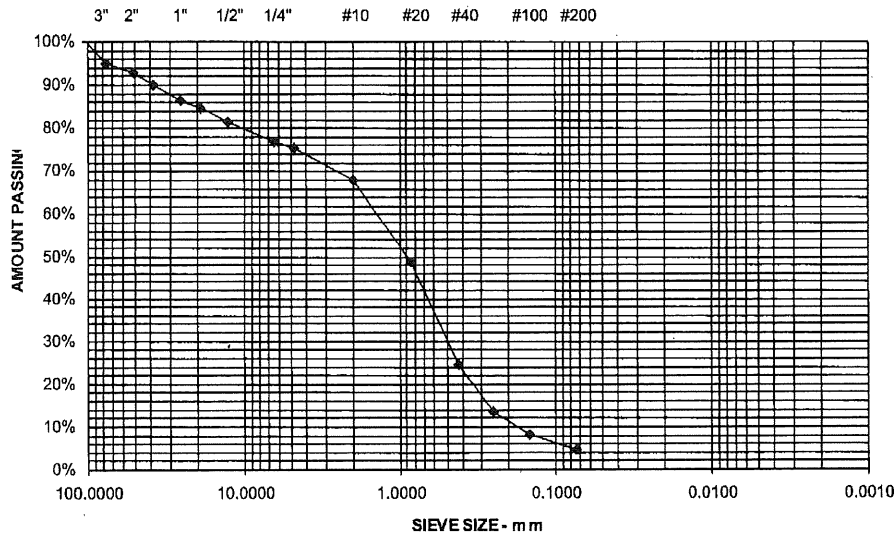
ASTM C-117 & C-136

Project Name PORTLAND ME - ECO-MAINE STORAGE STRUCTURE - MATERIALS TESTING
 Client ECOMAINE
 Material Type EXISTING GRAVEL
 Material Source ON SITE BORROW

Project Number 12-1121
 Lab ID 16136G
 Date Received 11/13/2012
 Date Completed 11/13/2012
 Tested By KARL GIMPEL

<u>STANDARD</u> DESIGNATION (mm/um)	<u>SIEVE SIZE</u>	<u>AMOUNT PASSING (%)</u>	<u>STRUCTURAL FILL</u> <u>SPECIFICATIONS (%)</u>
150 mm	6"	100	
125 mm	5"	100	
100 mm	4"	100	100
75 mm	3"	95	90 - 100
50 mm	2"	93	
38.1 mm	1-1/2"	90	
25.0 mm	1"	86	
19.0 mm	3/4"	85	
12.5 mm	1/2"	81	
6.3 mm	1/4"	77	25 - 90
4.75 mm	No. 4	75	
2.00 mm	No. 10	68	
850 um	No. 20	49	
425 um	No. 40	25	0 - 30
250 um	No. 60	14	
150 um	No. 100	8	
75 um	No. 200	4.6	0.0 - 5.0

SAMPLE MEETS SPECIFICATION



Comments

Roger B. Domingo

286 Portland Road, Gray, ME 04039-9586 • Tel (207) 657-2866 • Fax (207) 657-2640 • www.swcole.com



Report of Gradation

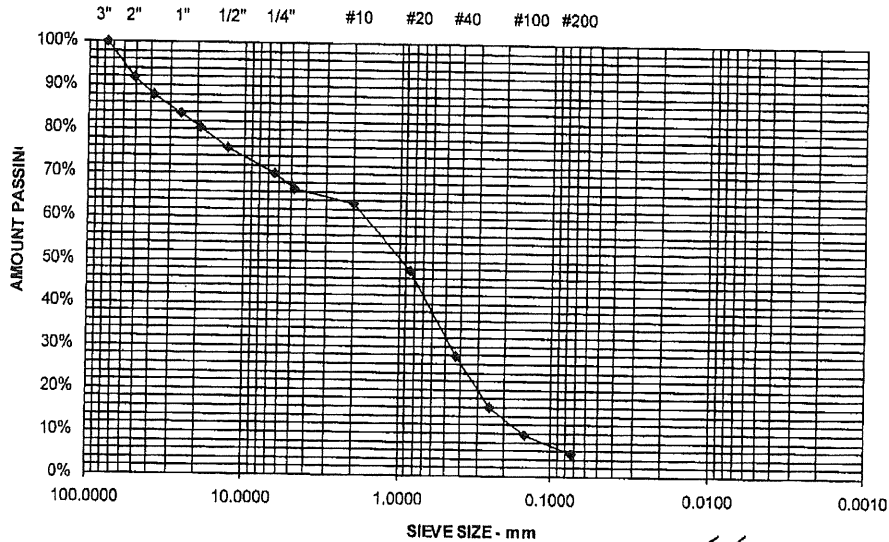
ASTM C-117 & C-136

Project Name PORTLAND ME - ECO-MAINE STORAGE STRUCTURE - MATERIALS TESTING
 Client ECOMAINE
 Material Type AGGREGATE SUBBASE
 Material Source SHAW EARTHWORKS - RIVER ROAD PIT

Project Number 12-1121
 Lab ID 16137G
 Date Received 11/13/2012
 Date Completed 11/16/2012
 Tested By CRAIG TURCOTTE

STANDARD DESIGNATION (mm/um)	SIEVE SIZE	AMOUNT PASSING (%)	MDOT 703.06 TYPE D SPECIFICATIONS (%)
150 mm	6"	100	100
125 mm	5"	100	
100 mm	4"	100	
75 mm	3"	100	
50 mm	2"	92	
38.1 mm	1-1/2"	88	
25.0 mm	1"	84	
19.0 mm	3/4"	81	
12.5 mm	1/2"	76	
6.3 mm	1/4"	70	25 - 70
4.75 mm	No. 4	66	
2.00 mm	No. 10	64	
850 um	No. 20	48	
425 um	No. 40	28	0 - 30
250 um	No. 60	16	
150 um	No. 100	10	
75 um	No. 200	5.3	0.0 - 7.0

SAMPLE MEETS SPECIFICATION



Comments

R. E. Domingo
 Roger E. Domingo



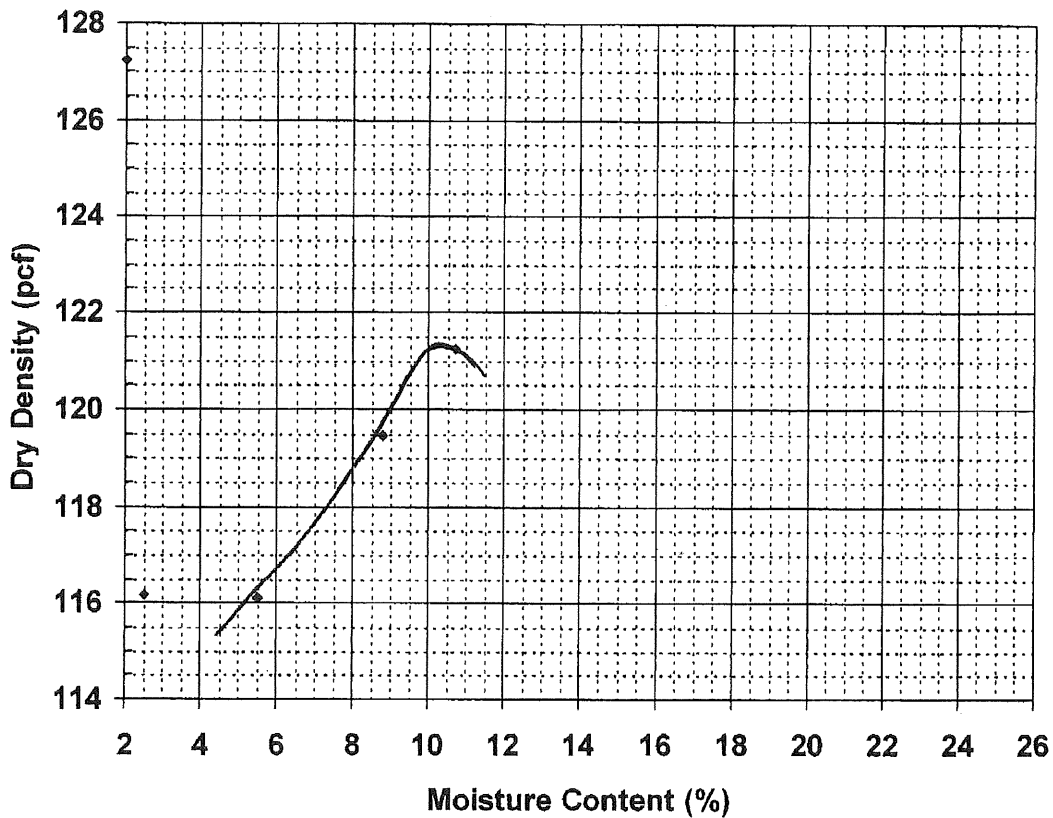
Report of Moisture-Density

Method ASTM D-1557 MODIFIED Procedure C

Project Name PORTLAND ME - ECO-MAINE STORAGE STRUCTURE - MATERIALS TESTING
 Client ECOMAINE
 Material Type EXISTING GRAVEL
 Material Source ON SITE BORROW

Project Number 12-1121
 Lab ID 16136G
 Date Received 11/13/2012
 Date Completed 11/16/2012
 Tested By CHARLES CROMWELL

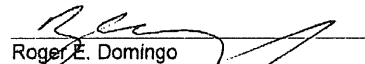
Moisture-Density Relationship Curve



Maximum Dry Density (pcf) 121.4
 Optimum Moisture Content (%) 10.3
 Percent Oversized 15.2%

Corrected Dry Density (pcf) **125.8**
Corrected Moisture Content (%) **9.0**

Comments


 Roger E. Domingo



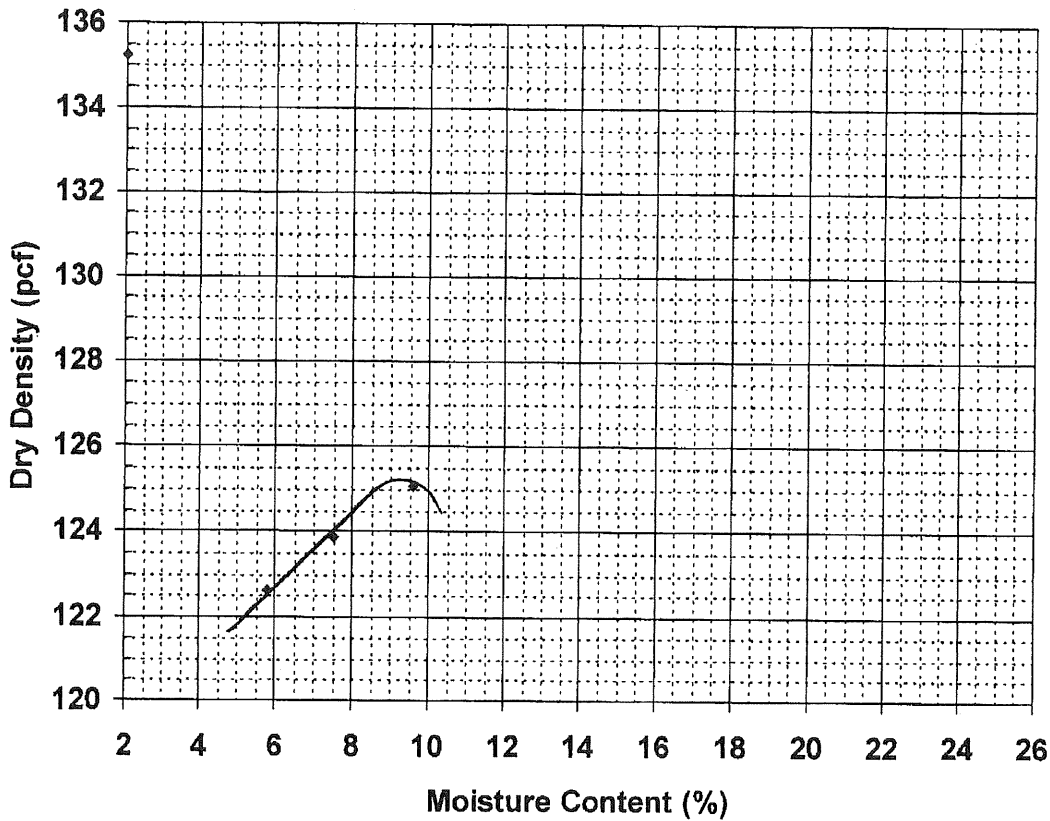
Report of Moisture-Density

Method ASTM D-1557 MODIFIED Procedure C

Project Name PORTLAND ME - ECO-MAINE STORAGE STRUCTURE - MATERIALS TESTING
 Client ECOMAINE
 Material Type AGGREGATE SUBBASE
 Material Source SHAW EARTHWORKS - RIVER ROAD PIT

Project Number 12-1121
 Lab ID 16137G
 Date Received 11/13/2012
 Date Completed 11/16/2012
 Tested By CHARLES CROMWELL


Moisture-Density Relationship Curve



Maximum Dry Density (pcf) 125.2
 Optimum Moisture Content (%) 9.2
 Percent Oversized 19.5%

Corrected Dry Density (pcf) **130.4**
Corrected Moisture Content (%) **7.8**

Comments


 Roger E. Domingo

286 Portland Road, Gray, ME 04039-9586 • Tel (207) 657-2866 • Fax (207) 657-2840 • www.swcole.com



2012 Cylinder Test Results

Date	Mix #	Piece ID	Cast Time	Air %	Slump / Flow	Unit Weight	Cure Time	Overnight	7 Day	28 Day
3/26/2012	26	Piscataquis River Bridge Panels	6:55 PM	7.1%	25.00 in	139	12	4457/4361	6737/6757	8062/8285
3/27/2012	26	Piscataquis River Bridge Panels	4:40 PM	6.7%	21.50 in	139.6	2 day	5114/5145	7181/7205	8409/8413
3/27/2012	43	Stock	5:15 PM	6.0%	24.50 in	139.4	13	1870/1826	5311/4959	6695/6616
3/28/2012	43	Stock	3:45 PM	6.0%	25.50 in	138.6	14.5	2666/2671	4846/4823	6219/5965
3/29/2012	26	Piscataquis River Bridge Panels	3:30 PM	6.1%	22.50 in	139.8	14.5	5235/4998	6920/6926	8681/7905
3/30/2012	26	Piscataquis River Bridge Panels	1:30 PM	6.7%	23.00 in	139.4	3 day	6182/6253	7275/7186	8219/8644
3/30/2012	43	Stock	4:35 PM	6.1%	24.00 in	139.2	3 day	4184/4328	5030/5097	6960/6970
4/2/2012	26	Piscataquis River Bridge Panels	3:35 PM	5.9%	24.00 in	141.6	14.5	5115/5238	6968/7189	8032/8247
4/2/2012	43	Stock	5:00 PM	6.1%	27.00 in	139.6	13	2432/2342	5268/5455	6694/7017
4/3/2012	26	Piscataquis River Bridge Panels	2:00 PM	5.9%	25.00 in	139.8	16	5415/5448	7037/6944	8401/8667
4/3/2012	43	Stock	3:50 PM	5.3%	25.00 in	140.8	14	2500/2562	5228/5462	6973/6812
4/4/2012	26	Piscataquis River Bridge Panels	3:05 PM	6.1%	22.00 in	140.8	15	5598/5341	7339/7134	8528/8244
4/5/2012	26	Piscataquis River Bridge Panels	2:35 PM	6.6%	22.00 in	140.2	4 day	6626/6695	6896/6922	8483/8043
4/5/2012	43	Stock	3:50 PM	6.5%	26.00 in	138.4	4 day	4623/4379	4839/4792	6800/6564
4/9/2012	26	Piscataquis River Bridge Panels	4:30 PM	5.8%	22.50 in	141.8	13.5	5349/5270	7135/7231	8192/8378
4/9/2012	43	Stock	4:55 PM	5.6%	27.00 in	140.2	13	2190/2354	5352/5250	6775/6694
4/10/2012	26	Piscataquis River Bridge Panels	2:25 PM	5.8%	22.50 in	141.4	15.5	5668/5353	7420/6764	8392/8621
4/10/2012	43	Stock	3:40 PM	5.9%	26.50 in	139.4	14.5	2513/2651	5388/5547	6675/6617
4/11/2012	26	Piscataquis River Bridge Panels	2:55 PM	6.8%	22.00 in	140.2	15	5022/4906	7044/7084	8628/8535
4/12/2012	43	Stock	3:30 PM	5.4%	25.00 in	140.6	14.5	2745/2835	5192/5411	6996/7060
4/12/2012	26	Piscataquis River Bridge Panels	3:25 PM	6.4%	22.50 in	140.4	14.5	5391/5296	6734/6646	7953/7979
4/12/2012	43	Stock	3:50 PM	5.3%	24.00 in	139.2	14	2614/2673	5458/5458	6599/6781
4/13/2012	26	Piscataquis River Bridge Panels	1:05 PM	6.4%	22.00 in	140.6	3 day	6591/6718	6832/6681	8254/8388
4/13/2012	43	Stock	3:30 PM	5.3%	25.00 in	140.4	3 day	4568/4742	5245/5352	7105/6823
4/16/2012	26	Piscataquis River Bridge Panels	2:50 PM	7.4%	19.00 in	138.6	15	5264/5176	6349/6352	7339/7577
4/16/2012	43	Stock	4:05 PM	5.7%	24.00 in	139.6	14	3186/3138	5249/5096	6522/6469
4/17/2012	26	Piscataquis River Bridge Panels	3:50 PM	7.2%	25.00 in	138.4	14	4968/4957	6169/6496	7000/7064
4/17/2012	43	Stock	4:45 PM	6.8%	23.00 in	138.6	13	2540/2541	4867/4818	5806/6240
4/18/2012	26	Piscataquis River Bridge Panels	3:45 PM	7.5%	21.00 in	136.6	14	4432/4223	6590/6586	7099/7106
4/19/2012	26	Piscataquis River Bridge Panels	2:25 PM	6.4%	23.00 in	140	15.5	5340/5201	6864/6525	7501/7751
4/19/2012	43	Stock	3:30 PM	5.9%	24.00 in	139.6	14.5	3245/3227	5886/5874	6518/6313
4/20/2012	26	Piscataquis River Bridge Panels	3:15 PM	6.1%	22.00 in	140.8	3 day	6543/6554	6965/6887	8115/8221
4/20/2012	43	Stock	3:40 PM	5.3%	26.00 in	140.4	3 day	4414/4431	5030/5247	6588/6182
4/23/2012	26	Piscataquis River Bridge Panels	3:05 PM	6.6%	21.00 in	139.4	15	5319/5350	7086/6756	8354/7996
4/23/2012	43	Stock	4:15 PM	5.4%	26.50 in	140.4	14	2550/2694	4953/5058	6608/6567
4/24/2012	26	Piscataquis River Bridge Panels	3:45 PM	6.2%	25.00 in	139.8	14.5	5122/5144	6435/6456	7490/7771
4/24/2012	43	Stock	4:05 PM	5.2%	27.00 in	139.6	14.5	2666/2650	4733/4414	6806/6570
4/25/2012	26	Piscataquis River Bridge Panels	1:30 PM	6.3%	25.00 in	138.8	17	4733/4843	6589/6646	7785/7677
4/25/2012	43	Stock	4:30 PM	5.8%	26.00 in	139.4	14	2682/2594	4828/4760	6523/6594

10/2/2012	43	Stock			4:15 PM	4.8%	22.50 in	145.4	14.5	4377/4223	6532/6260	6830/6649
10/3/2012	30	Wyman Bonny Eagle Panels			3:50 PM	6.9%	25.50 in	141.8	14.5	4536/4759	6992/6761	9208/8944
10/4/2012	43	Stock			4:10 PM	5.6%	22.00 in	143.6	14.5	3870/4086	6056/5864	7238/7091
10/4/2012	30	Wyman Bonny Eagle Panels			2:45 PM	6.5%	24.50 in	142.8	15.5	5470/5183	8288/8292	9249/9261
10/4/2012	43	Stock			3:25 PM	3.1%	19.00 in	146.6	15	4783/4607	6923/6863	7677/7491
10/5/2012	43	Stock			3:55 PM	5.4%	23.50 in	144.2	3 day	5044/5110	5719/5774	6896/6559
10/6/2012	26	Crooker Panels			12:30 PM	7.1%	25.00 in	140.4	2 day	5925/5750	8827/6894	7914/7954
10/9/2012	26	Crooker Panels			12:55 PM	5.5%	26.50 in	144.6	17.5	4543/4925	7309/7822	9679/9487
10/10/2012	43	Stock			2:30 PM	6.7%	23.00 in	141.2	16	4005/3991	6354/6590	7652/7647
10/11/2012	43	Stock			4:05 PM	5.7%	25.00 in	142.4	14.5	2739/2794	5837/5844	7037/6893
10/11/2012	26	Crooker Panels			3:50 PM	6.2%	25.00 in	141.6	14.5	4228/4114	7629/7772	8626/8953
10/12/2012	45	Kingston Bridge Abutment			2:45 PM	5.2%	24.00 in		3 day	5075/5080	5954/6292	6998/7123
10/15/2012	26	T-buck Barton Panels			4:25 PM	5.6%	26.00 in	143.8	14	4017/4050	8503/7769	9423/9145
10/16/2012	26	T-buck Barton Panels			11:30 AM	5.5%	26.50 in	143.4	19	5161/5087	8006/8120	9470/10043
10/16/2012	43	Stock			3:25 PM	5.7%	26.00 in	141.6	15	2833/2726	6384/6377	7042/7463
10/17/2012	26	T-buck Barton Panels			1:00 PM	5.9%	26.00 in	141.8	17.5	4330/4270	7573/7714	9977/10212
10/19/2012	45	CRC Salem Panels			5:50 PM	6.3%	24.00 in	142.2	3 days	4989/5108	6137/6519	7316/7222
10/22/2012	45	CRC Salem Panels			3:10 PM	6.2%	24.00 in	143	15.5	4725/5158	5731/5669	7025/7084
10/22/2012	43	Stock			5:05 PM	5.7%	24.00 in	142.8	13.5	1904/1921	6325/6338	7720/7719
10/23/2012	43	Stock			3:55 PM	5.7%	23.00 in	142.4	14.5	4450/4025	6439/5996	7831/7561
10/24/2012	45	CRC Salem Panels			2:15 PM	6.3%	23.00 in	142	16.5	3658/3563	6114/5808	7404/7702
10/24/2012	45	Kingston Bridge Abutment			3:30 PM	5.0%	26.00 in	145.4	15	3362/3663	6748/6903	8332/8246
10/25/2012	45	CRC Salem Panels			2:40 PM	6.4%	24.00 in	142	16	4099/4185	6303/6066	7998/8224
10/25/2012	43	Stock			4:20 PM	5.2%	25.00 in	142.8	14	3390/3381	6087/5754	7118/7115
10/26/2012	45	Kingston Bridge Abutment			11:25 AM	5.0%	25.50 in	146	3 day	5358/5490	6428/6520	8339/8026
10/26/2012	45	CRC Salem Panels			1:10 PM	6.1%	24.00 in	143.2	3 day	5641/5233	6615/6113	7871/7895
10/26/2012	43	Stock			2:15 PM	5.2%	26.00 in	143	3 day	5317/4661	5955/6054	6536/6857
10/29/2012	43	Stock			1:45 PM	4.8%	24.00 in	143.8	16.5	4199/4480	6021/5921	6922/6955
10/29/2012	45	CRC Salem Panels			2:20 PM	6.1%	25.00 in	143.2	16	3523/3767	6309/6491	7442/7799
10/30/2012	43	Stock			2:00 PM	5.7%	25.00 in	143.2	16.5	3495/3764	5754/5679	6484/6571
10/31/2012	43	Stock			11:15 AM	5.1%	25.00 in	142.6	19	3840/4111	6119/6069	6843/7226
11/1/2012	45	CRC Salem Panels			10:35 AM	6.5%	24.00 in	141.8	20	3554/3628	6207/6374	6788/7116
11/1/2012	43	Stock			1:50 PM	6.0%	25.00 in	142.8	16.5	3768/3768	6028/6123	6118/6197
11/2/2012	45	CRC Salem Panels			2:20 PM	6.2%	25.00 in	141.6	3 day	5417/5408	6057/6092	6563/7043
11/2/2012	43	Stock			2:25 PM	5.0%	25.00 in	143	3 day	4939/5064	6067/5464	6337/6575
11/5/2012	45	CRC Salem Panels			1:20 PM	6.8%	22.00 in	141.4	17	3876/3739	5844/5669	
11/5/2012	43	Stock			3:05 PM	5.3%	26.00 in	142.8	15.5	2183/2216	5790/5681	
11/6/2012	45	CRC Salem Panels			3:00 PM	7.1%	24.00 in	141.2	15.5	3780/4104	5681/5621	
11/6/2012	43	Stock			3:25 PM	5.6%	25.00 in	143	15	2616/2637	6111/6275	
11/7/2012	45	CRC Salem Panels			2:35 PM	7.2%	24.00 in	140	16	3466/3575	5488/5501	
11/7/2012	43	Stock			2:50 PM	6.9%	26.00 in	139.2	15.5	1515/1522	5883/5878	
11/8/2012	45	CRC Salem Panels			2:50 PM	6.6%	24.00 in	141	15.5	3498/3620	5855/5697	
11/8/2012	43	Stock			1:25 PM	5.6%	26.00 in	140.8	17	2599/2609	5334/5797	
11/9/2012	45	CRC Salem Panels			2:35 PM	6.3%	25.00 in	141.6	3 day	4674/4796	5359/5076	

claiming →



Report of Concrete Compressive Strength

ASTM C-31 & C-39

Project Name: Portland ME - Eco-Maine Storage Structure - Materials Testing

Project Number: 12-1121

Client: EcoMaine

Client Contract Number:

General Contractor:

Concrete Supplier: AUBURN CONCRETE

PLACEMENT INFORMATION

Date Cast: 11/26/2012 **Time Cast:** 10:35 **Date Received:** 11/27/2012
Placement Location: EXTERIOR SLAB FOR STEEL STORAGE

Placement Method: TAILGATE **Placement Vol. (yd³):** 14
Cylinders Made By: CHRISTOPHER HENES **Aggregate Size (in):** 3/4

INITIAL CURING CONDITIONS

Temperatures

Minimum (°F) **Maximum (°F)**

DELIVERY INFORMATION

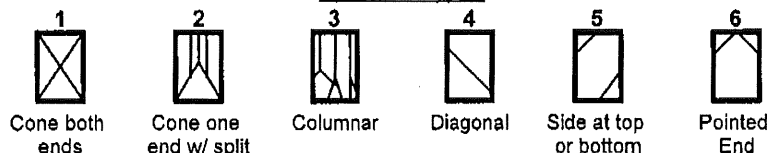
Admixtures: GLENIUM

TEST RESULTS

Slump (in) (C-143):	Slump WR:	2 3/4	Load Number:	1	Batch
Air Content (%) (C-231)	Air WR:	4.0	Mixer Number:	116	9:38
Air Temp (°F):	35		Ticket Number	214566	Arrive
Conc. Temp (°F) (C-1064):	65		Cubic Yards:	7	9:54
			Design (psi):	4000	Depart
					10:45

Cylinder Designation	Cylinder Weight (lbs)	Cylinder Diameter (in)	Cross Sectional Area(In)²	Date Of Test	Cure Type	Age (days)	Fracture Type	Load (kips)	Strength (psi)
433-1A		4.00	12.57	12/3/2012	Lab	7	4	55.4	4410
433-1B				12/24/2012	Lab	28			
433-1C				12/24/2012	Lab	28			
433-1D				Hold	Lab				

Fracture Types



Remarks:

Atlantic Engineering Services Inc.

207 WOODVILLE ROAD – FALMOUTH, MAINE 04105 / PHONE - FAX (207) 878-2918

November 5, 2012
ECO Maine
64 Blueberry Road
Portland ME. 04102

Attn: Kevin Trytek

Ref Storage Shelves Installation

Dear Kevin

The schedule of special inspections required are:

1. Precast piers will need:
 - a. Inspection of rebar before placing concrete
 - b. Test of concrete to confirm strength as indicated on D1682-2.
2. After excavation a compaction test will need to be done before setting Piers
3. After placing fill for slab a compaction test will need to be done.
4. Inspection of slab rebar for conforming to drawing D1682-2 and testing of concrete as required on D1682-2
5. Inspection of structure after completion.

Sincerely



Bruce L. Macmaster P.E.
President

RECEIVED
NOV 07 2012
Dept. of Building Inspections
City of Portland Maine

Project:
Date Prepared:

Structural Statement of Special Inspections

Project: STORAGE SHELVES DWG D1682 SHTS 1-9
Location: 64 BLUE BERRY RD
Owner: ECO MAINE

This Statement of Special Inspections encompass the following discipline: **Structural**

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 Structural Special Inspection Coordinator (SSIC) and the identity of other approved agencies to be retained for conducting these inspections and tests.

The Structural Special Inspection Coordinator shall keep records of all Structural inspections and shall furnish inspection reports to the Building Code Official (BCO) and the Structural Registered Design Professional in Responsible Charge (SRDP). 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 Structural 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 Structural Registered Design Professional in Responsible Charge at an interval determined by the SSIC and the BCO.

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 to the BCO 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: Upon request of Building Official _____ or per attached schedule.

Prepared by:

John Q. Public, P.E. BRUCE MACMASTER P.E.
(type or print name of the Structural Registered Design Professional in Responsible Charge)

Bruce Macmaster
Signature

11-4-12
Date



Owner's Authorization:

Building Code Official's Acceptance:

Kevin Trypt 11/5/12
Signature Date

Signature Date

Project:
Date Prepared:

Structural Statement of Special Inspections (Continued)

List of Agents

Project:

Location:

Owner:

This Statement of Special Inspections encompass the following discipline: **Structural**

(Note: Statement of Special Inspections for other disciplines may be included under a separate cover)

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

- Soils and Foundations
- Cast-in-Place Concrete
- Precast Concrete System
- Masonry Systems
- Structural Steel
- Wood Construction
- Special Cases

Special Inspection Agencies	Firm	Address, Telephone, e-mail
1. STRUCTURAL Special Inspections Coordinator (SSIC)	ATLANTIC ENG SERVICES	207 WOODVILLE RD FALMOUTH ME 878-2918
2. Special Inspector (SI 1)	INSPECTOR BY OWNER	
3. Special Inspector (SI 2)		
4. Testing Agency (TA 1)	INSPECTION BY OWNER	
5. Testing Agency (TA 2)		
6. Other (O1)		

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.

Project:
Date Prepared:

Structural Schedule of Special Inspections

Qualifications of Inspectors and Testing Technicians

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 to the Special Inspector for their records. *NOTE VERIFICATION THAT QUALIFIED INDIVIDUALS ARE AVAILABLE TO PERFORM STIPULATED TESTING AND/OR INSPECTION SHOULD BE PROVIDED PRIOR TO SUBMITTING STATEMENT. AGENT QUALIFICATIONS IN SCHEDULE ARE SUGGESTIONS ONLY; FINAL QUALIFICATIONS ARE SUBJECT TO THE DISCRETION OF THE REGISTERED DESIGN PROFESSIONAL PREPARING THE SCHEDULE.*

Key for Minimum Qualifications of Inspection Agents:

When the Registered Design Professional in Responsible Charge or Special Inspector of Record deems it appropriate that the individual performing a stipulated test or inspection have a specific certification, license or experience as indicated below, such requirement shall be listed below and shall be clearly identified within the schedule under the Agent Qualification Designation.

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

Experienced Testing Technician

ETT	Experienced Testing Technician – An Experienced Testing Technician with a minimum 5 years experience with the stipulated test or inspection
-----	---

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

Other

Project:

Date Prepared:

Structural Schedule of Special Inspections
SOILS & FOUNDATION CONSTRUCTION

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.7, 1704.8, 1704.9						
1. Verify existing soil conditions, fill placement and load bearing requirements						
a. Prior to placement of prepared fill, determine that the site has been prepared in accordance with the approved soils report.		P	IBC 1704.7.1		PE/GE, EIT or ETT	
b. During placement and compaction of fill material, verify material being used and maximum lift thickness comply with the approved soils report.		P	IBC 1704.7.2		PE/GE, EIT or ETT	
c. Test in-place dry density of compacted fill complies with the approved soils report.		P	IBC 1704.7.2		PE/GE, EIT or ETT	
2. Pile foundations: <i>N/A</i>						
a. Observe and record procedures for static load testing of piles.		<i>✓</i>	IBC 1704.8		PE/GE, EIT or ETT	
b. Observe and record procedures for dynamic load testing of piles.		<i>✓</i>			PE/GE, EIT or ETT	
c. Record installation of each pile and results of load test. Include cutoff and tip elevations of each pile relative to permanent reference.		<i>✓</i>			PE/GE, EIT or ETT	
d. Test welded splices of steel piles		<i>✓</i>	AWS D1.1		AWS-CWI	
3. Pier foundations: Verify installation of pier foundations for buildings assigned to Seismic Design Category C, D, E or F. <i>N/A</i>		<i>✓</i>	IBC 1704.9		PE/GE, EIT or ETT	
a. Verify pier diameter and length		<i>✓</i>			PE/GE, EIT or ETT	
b. Verify pier embedment (socket) into bedrock		<i>✓</i>			PE/GE, EIT or ETT	
c. Verify suitability of end bearing strata		<i>✓</i>			PE/GE, EIT or ETT	

Project:
Date Prepared:

Structural Schedule of Special Inspections
CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.4						
1. Inspection of reinforcing steel, including prestressing tendons, and placement	Y	P	ACI 318: 3.5, 7.1-7.7		PE/SE or EIT	
2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5B		N/A	Welding of Reinf Not Allowed		AWS-CWI	
3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased	Y	C	IBC 1912.5		PE/SE or EIT	
4. Verifying use of required design mix	Y	P	ACI 318: Ch 4, 5.2-5.4		PE/SE or EIT	
5. At time fresh concrete is sampled to fabricate specimens for strength test, perform slump and air content test and temperature	Y	C	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8		ACI-CFTT or ACI-STT	
6. Inspection of concrete and shotcrete placement for proper application techniques		C	ACI 318: 5.9, 5.10		PE/SE or EIT	
7. Inspection for maintenance of specified curing temperature and techniques		P	ACI 318: 5.11-5.13		PE/SE or EIT	
8. Inspection of Prestressed Concrete N/A						
a. Application of prestressing force.		C	ACI 318: 18.20		PE/SE or EIT	
b. Grouting of bonded prestressing tendons in seismic force resisting system		C	ACI 318: 18.18.4		PE/SE or EIT	
9. Erection of precast concrete members		P	ACI 318: Ch 16		PE/SE or EIT	
10. Verification of in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms beams and structural slabs N/A		P	ACI 318: 6.2		ACI-STT	

Project:

Date Prepared:

Structural Schedule of Special Inspections - STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
IBC Section 1704.3						
1. Material verification of high-strength bolts, nuts and washers:	Y					
a. Identification markings to conform to ASTM standards specified in the approved construction documents.		S	Applicable ASTM material specifications; AISC 335, Section A3.4; AISC LRFD, Section A3.3		PE/SE or EIT	
b. Manufacturer's certificate of compliance required.		S			PE/SE or EIT	
2. Inspection of high-strength bolting	Y					
a. Bearing-type connections.		P	AISC LRFD Section M2.5		AWS/AISC-SSI	
b. Slip-critical connections.	N	C or P (method dependent)	IBC Sect 1704.3.3		AWS/AISC-SSI	
3. Material verification of structural steel (IBC Sect 1708.4):						
a. Identification markings to conform to ASTM standards specified in the approved construction documents.		S	ASTM A 6 or ASTM A 568 IBC Sect 1708.4		PE/SE or EIT	
b. Manufacturers' certified mill test reports.		S	ASTM A 6 or ASTM A 568 IBC Sect 1708.4		PE/SE or EIT	
4. Material verification of weld filler materials:	Y					
a. Identification markings to conform to AWS specification in the approved construction documents.		S	AISC, ASD, Section A3.6; AISC LRFD, Section A3.5		PE/SE or EIT	
b. Manufacturer's certificate of compliance required.		S			PE/SE or EIT	
5. Submit current AWS D1.1 welder certificate for all field welders who will be welding on this project.		S	AWS D1.1		PE/SE or EIT	
6. Inspection of welding (IBC 1704.3.1):	Y					
a. Structural steel:						
1) Complete and partial penetration groove welds.		C	AWS D1.1		AWS-CWI	
2) Multipass fillet welds.		C			AWS-CWI	
3) Single-pass fillet welds > 5/16"		C			AWS-CWI	
4) Single-pass fillet welds < 5/16"		P			AWS-CWI	
5) Floor and deck welds.		P	AWS D1.3		AWS-CWI	
b. Reinforcing steel (IBC Sect 1903.5.2):	N					
1) Verification of weldability of reinforcing steel other than ASTM A706.		C				
2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls and shear reinforcement.		C	AWS D1.4 ACI 318: 3.5.2		AWS-CWI	
3) Shear reinforcement.		C			AWS-CWI	
4) Other reinforcing steel.		P			AWS-CWI	
7. Inspection of steel frame joint details for compliance (IBC Sect 1704.3.2) with approved construction documents:	N					
a. Details such as bracing and stiffening.		P			PE/SE or EIT	
b. Member locations.		P			PE/SE or EIT	
c. Application of joint details at each connection.		P			PE/SE or EIT	

Project:
 Date Prepared:

Structural Schedule of Special Inspection Services
FABRICATION AND IMPLEMENTATION PROCEDURES – STRUCTURAL STEEL

VERIFICATION AND INSPECTION IBC Section 1704.2	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETED
1. Fabrications Procedures: Review of fabricator's written procedural and quality control manuals and periodic auditing of fabrication practices by an approved special inspection agency. At the completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents. -OR- 2. AISC Certification	Y	S	Fabricator shall submit one of the two qualifications		PE/SE or EIT	
3. At completion of fabrication, the approved fabricator shall submit a certificate of compliance to the building code official stating that the work was performed in accordance with the approved construction documents.	N	S	IBC 1704.2.2		PE/SE or EIT	

Project:
Date Prepared:

Structural Schedule of Special Inspections

SEISMIC RESISTANCE - STRUCTURAL

VERIFICATION AND INSPECTION	Y/N	EXTENT: CONTINUOUS, PERIODIC, SUBMITTAL, OR NONE	COMMENTS	AGENT	AGENT QUALIFICATION	TASK COMPLETE D
IBC Section 1707						
1. Special inspections for seismic resistance. Special inspection as specified in this section is required for the following:	N		Seismic Design Category: B			
a. The seismic-force-resisting systems in structures assigned to Seismic Design Category C, D, E or F		P	IBC 1707.1		PE/SE or EIT	
2. Structural steel: Continuous special inspection for structural welding in accordance with AISC 341.	N	P	IBC 1702.2		AWS-CWI	
3. Structural wood:	N					
a. Continuous special inspection during field gluing operations of elements of the seismic-force-resisting system.		C	IBC 1702.3		PE/SE or EIT	
b. Periodic special inspections for nailing, bolting, anchoring and other fastening of components within the seismic-force-resisting system, including drag struts, braces and hold-downs		P	IBC 1702.3		PE/SE or EIT	
4. Cold-formed steel framing: Periodic special inspections during welding operations of elements of the seismic-force-resisting system. Periodic special inspections for screw attachment, bolting, anchoring and other fastening of components within the seismic-force-resisting system, including struts, braces, and hold-downs	N	N				
4. Seismic isolation system. Provide periodic special inspection during the fabrication and installation of isolator units and energy dissipation devices if used as part of the seismic isolation system	N	N	IBC 1707.8			

Project:
Date Prepared:

Quality Assurance Plan – Seismic and Wind

QUALITY ASSURANCE FOR SEISMIC RESISTANCE CHECK LIST [IBC 1705]

Seismic Design Category

FOR SEISMIC DESIGN CATEGORY C OR HIGHER:

Structural:

The seismic-force-resisting systems

Steel Braced Frames and associated connections/anchorage

Steel Moment Frames and associated connections

Shear walls: CMU Wood Concrete Diaphragms: Floor Roof

Other:

QUALITY ASSURANCE FOR WIND RESISTANCE CHECK LIST [IBC 1706]

Wind Exposure Category

REQUIRED	NOT REQUIRED	NOT APPLICABLE	QUALITY ASSURANCE PLAN REQUIREMENTS (A Quality Assurance Plan is required where indicated below)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In wind exposure Categories A and B, where the 3-second-gust basic wind speed is 120 miles per hour (mph) (52.8 m/sec) or greater.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	In wind exposure Categories C and D, where the 3-second-gust basic wind speed is 110 mph (49 m/sec) or greater.

Prepared by:

B. Macner P.E. 11-4-12
Signature Date

Building Code Official's Acceptance:

Signature Date



Administrative Authorization Application

Portland, Maine

Planning and Urban Development Department, Planning Division

PROJECT NAME: ecomaine - OUTDOOR STORAGE SHELVES

PROJECT ADDRESS: 64 Blueberry Rd. CHART/BLOCK/LOT: 238-A-8

APPLICATION FEE: \$50 (\$50.00)

PROJECT DESCRIPTION: (Please Attach Sketch/Plan of the Proposal/Development) #2012-588

470 S.F. OF OUTDOOR STORAGE SHELVING

CONTACT INFORMATION:

OWNER/APPLICANT

Name: ecomaine
Address: 64 Blueberry Road
Portland, ME 04102
Work #: 207-773-1738
Cell #: _____
Fax #: 207-773-8296
Home #: _____
E-mail: TRYTEK@ecomaine.org

CONSULTANT/AGENT

Name: _____
Address: _____
Work #: _____
Cell #: N/A
Fax #: _____
Home #: _____
E-mail: _____

Criteria for an Administrative Authorization:

(see section 14-523(4) on pg .2 of this appl.)

Applicant's Assessment

Y(yes), N(no), N/A

- | | |
|---|--------------------------|
| a) Is the proposal within existing structures? | <u>Y (PAVED STORAGE)</u> |
| b) Are there any new buildings, additions, or demolitions? | <u>Y</u> |
| c) Is the footprint increase less than 500 sq. ft.? | <u>Y</u> |
| d) Are there any new curb cuts, driveways or parking areas? | <u>N</u> |
| e) Are the curbs and sidewalks in sound condition? | <u>N/A</u> |
| f) Do the curbs and sidewalks comply with ADA? | <u>N/A</u> |
| g) Is there any additional parking? | <u>N</u> |
| h) Is there an increase in traffic? | <u>N</u> |
| i) Are there any known stormwater problems? | <u>N</u> |
| j) Does sufficient property screening exist? | <u>Y</u> |
| k) Are there adequate utilities? | <u>N/A</u> |
| l) Are there any zoning violations? | <u>N</u> |
| m) Is an emergency generator located to minimize noise? | <u>N/A</u> |
| n) Are there any noise, vibration, glare, fumes or other impacts? | <u>N</u> |

RECEIVED SEP 4 2012
(Handwritten signature)

Signature of Applicant: [Handwritten Signature] Date: 8/31/12

IMPORTANT NOTICE TO APPLICANT: The granting of an Administrative Authorization to exempt a development from site plan review does not exempt this proposal from other required approvals or permits, nor is it an authorization for construction. You should first check with the Building Inspections Office, Room 315, City Hall (207)874-8703, to determine what other City permits, such as a building permit, will be required.

**PROVISION OF PORTLAND CITY CODE
14-523 (SITE PLAN ORDINANCE)
RE: Administrative Authorization**

Sec. 14-523 (b). Applicability

No person shall undertake any development identified in Section 14-523 without obtaining a site plan improvement permit under this article. (c) Administrative Authorization. Administrative Authorization means the Planning Authority may grant administrative authorization to exempt a development proposal from complete or partial site plan review that meets the standards below, as demonstrated by the applicant.

1. The proposed development will be located within existing structures, and there will be no new buildings, demolitions, or building additions other than those permitted by subsection b of this section;
2. Any building addition shall have a new building footprint expansion of less than five hundred (500) square feet;
3. The proposed site plan does not add any new curb cuts, driveways, or parking areas; the existing site has no more than one (1) curb cut and will not disrupt the circulation flows and parking on-site; and there will be no drive-through services provided;
4. The curbs and sidewalks adjacent to the lot are complete and in sound condition, as determined by the public works authority, with granite curb with at least four (4) inch reveal, and sidewalks are in good repair with uniform material and level surface and meet accessibility requirements of the Americans with Disabilities Act;
5. The use does not require additional or reduce existing parking, either on or off the site, and the project does not significantly increase traffic generation;
6. There are no known stormwater impacts from the proposed use or any existing deficient conditions of stormwater management on the site;
7. There are no evident deficiencies in existing screening from adjoining properties; and
8. Existing utility connections are adequate to serve the proposed development and there will be no disturbance to or improvements within the public right-of-way.
9. There are no current zoning violations;
10. Any emergency generators are to be located to minimize noise impacts to adjoining properties and documentation that routine testing of the generators occur on weekdays between the hours of 9 a.m. to 5 p.m. Documentation pertaining to the noise impacts of the emergency generator shall be submitted; and
11. There is no anticipated noise, vibration, glare, fumes or other foreseeable impacts associated with the project.

- a. **Filing the Application.** An applicant seeking an administrative authorization under this subsection shall submit an administrative authorization application for review, detailing the site plan with dimensions of proposed improvements and distances from all property lines, and stating that the proposal meets all of the provisions in standards 1-11 of Section 14-423 (b)1. **The application must be accompanied by an application fee of \$50.**
- b. **Review.** Upon receipt of such a complete application, the Planning Authority will process it and render a written decision of approval, approval with conditions or denial, with all associated findings.
- c. **Decision.** If a full administrative authorization is granted, the application shall be approved without further review under this article, and no performance guarantee shall be required. In the event that the Planning Authority determines that standards a and b of Section 14-523 (b) (1) and at least four (4) of the remaining standards have been met, the Planning Authority shall review the site plan according to all applicable review standards of Section 14-526 that are affected by the standards in this subsection that have not been met. If an exemption or partial exemption from site plan review is not granted, the applicant must submit a site plan application that will undergo a full review by the Planning Board or Planning Authority according to the standards of Section 14-526.



Owner Communities

- Bridgton
- Cape Elizabeth
- Casco
- Cumberland
- Falmouth
- Freeport
- Gorham
- Gray
- Harrison
- Hollis
- Limington
- Lyman
- North Yarmouth
- Ogunquit
- Portland
- Pownal
- Scarborough
- South Portland
- Waterboro
- Windham
- Yarmouth

August 30, 2012

Barbara Barhydt
Development Review Services Manager, Planning Division
389 Congress Street, 4th Floor
Portland, ME 04101

Administrative Authorization Application – Outdoor Storage Shelving

Dear Ms. Barhydt:

Please find attached **ecomaine's** Administrative Authorization Application for the construction of outdoor storage shelving located at **ecomaine's** 64 Blueberry Road facility in Portland. The outdoor storage shelves will be located within an existing paved storage area adjacent a building wall at the rear of the project site (see enclosed site plan).

Associate Members

- Baldwin
- Hiram
- Naples
- Parsonsfield
- Porter
- Saco
- Standish

New shelving will provide more efficient space utilization and access to materials utilized in the maintenance upkeep of the facility. Since the proposed shelving will be located on existing pavement, no site improvements or alterations will be needed. The footprint of the proposed shelves and shed roof cover is 470 square feet.


In support of this request, we have enclosed a site plan showing the location of the proposed shelves and drawing D-1682-1, showing the dimensions of the proposed shelves. The proposed shelves meet all the provisions in standards 1-11 of Section 14-423 (b) 1.

Contract Members

- Andover
- Cornish
- Eliot
- Greenland, NH
- Harpswell
- Jay
- Kittery
- Livermore Falls
- Manchester
- Monmouth
- Newington, NH
- North Haven
- Old Orchard Beach
- Poland
- Readfield
- Sanford
- Stockton Springs
- Wayne

Thank you for your consideration. If you have any questions, please contact us. Pending approval of this request, **ecomaine** anticipates installing the shelving this fall.

Sincerely,


Kevin H. Roche
General Manager

MC/lct
Enc.

Administrative Authorization Decision

Name: EcoMaine
 Address: 64 Blueberry Rd
 Project Description: Outdoor Storage Shelves

Criteria for an Administrative Authorizations:
 (See Section 14-523 (4) on page 2 of this application)

Applicant's Assessment
 Y(yes), N(no), N/A

Planning Division
 Use Only

a) Is the proposal within existing structures?	Yes	Yes
b) Are there any new buildings, additions, or demolitions?	Yes	Yes
c) Is the footprint increase less than 500 sq. ft.?	Yes	Yes
d) Are there any new curb cuts, driveways or parking areas?	No	No
e) Are the curbs and sidewalks in sound condition?	n/a	n/a
f) Do the curbs and sidewalks comply with ADA?	n/a	n/a
g) Is there any additional parking?	No	No
h) Is there an increase in traffic?	No	No
i) Are there any known stormwater problems?	No	No
j) Does sufficient property screening exist?	Yes	Yes
k) Are there adequate utilities?	n/a	n/a
l) Are there any zoning violations?	No	No
m) Is an emergency generator located to minimize noise?	n/a	n/a
n) Are there any noise, vibration, glare, fumes or other impacts?	No	No

The Administrative Authorization for the outdoor storage is approved by Barbara Barhydt, Development Review Services Manager on September 12, 2012.

Gayle

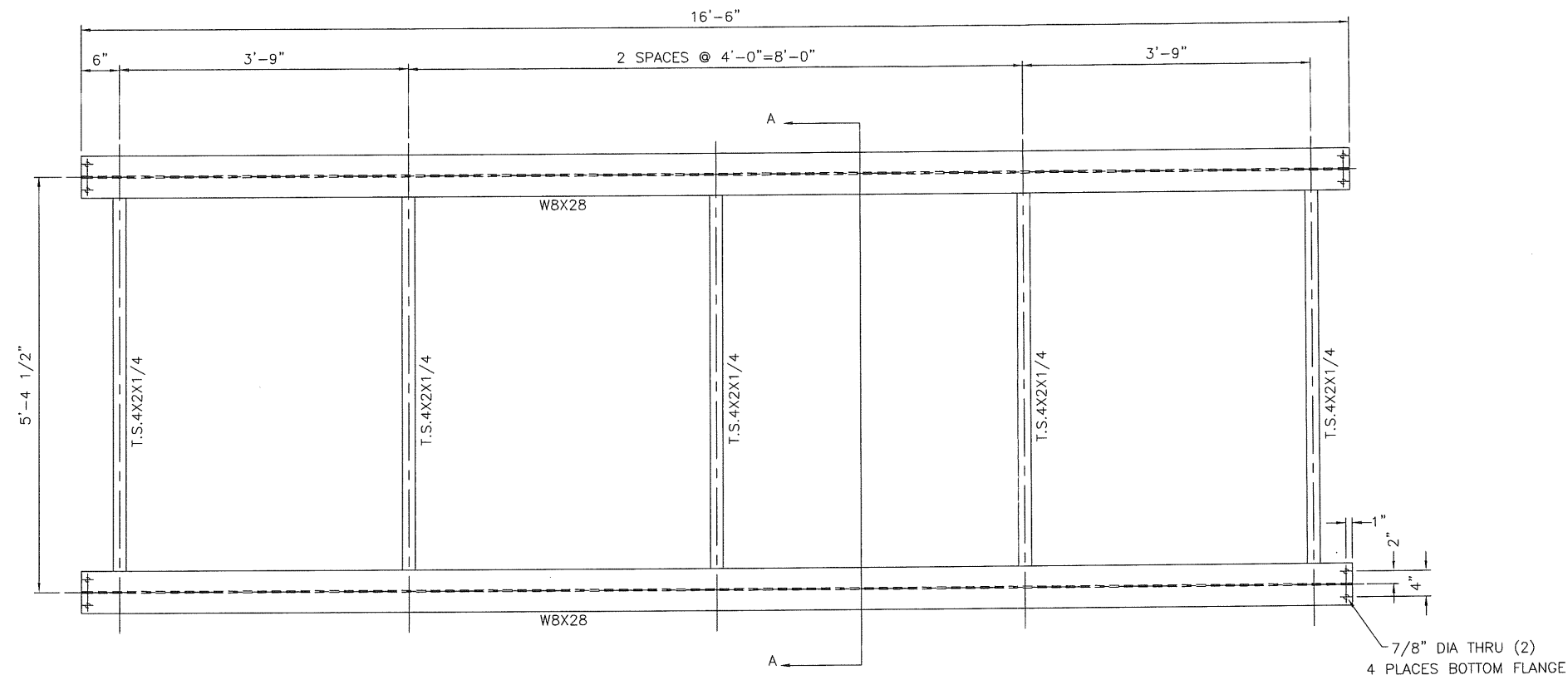
approval listed below:

- Standard Condition of Approval: The applicant must obtain all necessary permits from the Inspection Division (874-8703) and any other relevant agencies prior to the start of any construction.

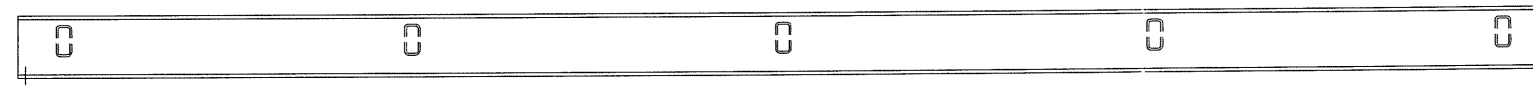
Permits, including building permits from the Department of Public Services (874-8801) prior to the start of any construction.

Barbara Barhydt
 Development Review Services Manager
 Date of Approval: September 12, 2012

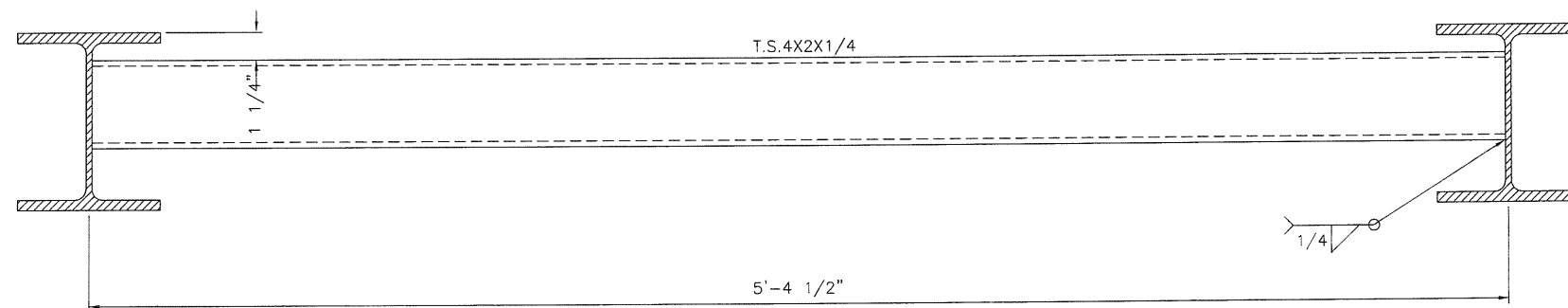
Barbara Barhydt



- NOTES:
1. ALL DIMENSIONS AND ELEVATIONS ARE FOR REFERENCE USE ONLY. CONTRACTOR SHALL FIELD VERIFY AND CHECK FOR ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE EFFECTED PORTION OF WORK.
 2. ALL STRUCTURAL STEEL SHAPES AND PLATES SHALL BE ASTM SPEC. A-36.
 3. ALL WELDS SHALL BE MADE WITH E70XX ELECTRODES.



SHELF "C"
3 REQ'D



SECTION A-A
SCALE 1/4"=1"

RECEIVED
OCT 26 2012
Dept. of Building Inspections
City of Portland Maine

ECO MAINE
OUTDOOR STORAGE SHELVES
SHELF "C"
DETAIL

Atlantic Engineering Services Inc.
2 PORTLAND NORTH BUSINESS PARK - FALMOUTH, MAINE 04105

DESIGN: MACMASTER	SCALE: 1"=1'				
DRAWN: MACMASTER	JOB NO.: 1682				
APPROVED:	DATE: 7-30-12				
NO.	REVISIONS	MADE BY:	DATE	DRAWING NO.: D 1682-5	REV.
		CHKD BY:			