

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 05-0552	Issue Date: PERMIT ISSUED JUN 13 2005	321 A004001
Owner Address: 42 SOUTH ST	Contractor Address: 11A Bartlett Rd Gorham	Phone: 207-874-1817
Permit Type: Commercial		Zone: I-M

Location of Construction: 470 RIVERSIDE ST	Owner Name: PENDE ASSOCIATES INC
Business Name:	Contractor Name: Mainland Structures, Inc.
Lessee/Buyer's Name	Phone:
Past Use:	Proposed Use: Commercial/ PHASE 1- office/ warehouse 80'x120' Rigid framed metal building

Permit Fee: \$4,971.00	Cost of Work: \$549,300.00	CEO District: 5
FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <i>with conditions</i>	INSPECTION: Use Group: <i>10</i> Type: <i>38</i> <i>DET. A/B</i> <i>Shell only</i> <i>6/13/05</i>	
Signature: <i>Carl Cass</i>	Signature: <i>[Signature]</i>	

Proposed Project Description:
PHASE 1- office/ warehouse 80'x120' Rigid framed metal building
SHELL + FOUNDATION ONLY - SEPARATE TENANT FIT UP PERMIT REQ'd

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: *Idobson* Date Applied For: *05/10/2005*

Zoning Approval

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>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..</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland <i>lot is on but Bldg outside of zone</i></p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone <i>zone 6 zone X</i></p> <p><input type="checkbox"/> Subdivision</p> <p><input checked="" type="checkbox"/> Site Plan <i>2003-0268</i></p> <p>Maj <input checked="" type="checkbox"/> Minor <input checked="" type="checkbox"/> MM <input type="checkbox"/></p> <p><i>ok with conditions</i></p> <p>Date: <i>6/2/05</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: <i>[Signature]</i></p>
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CERTIFICATION

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

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

City of Portland, Maine - Building or Use Permit

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

Permit No: 05-0552	Date Applied For: 0511012005	CBL: 321 A004001
Location of Construction: 470 RIVERSIDE ST	Owner Name: PENDE ASSOCIATES INC	Owner Address: 42 SOUTH ST
Business Name:	Contractor Name: Mainland Structures, Inc.	Contractor Address: 11A Bartlett Rd Gorham
Lessee/Buyer's Name	Phone:	Phone: (207) 856-1817
Proposed Use: Commercial/ PHASE 1-office/ warehouse 80'x120' Rigid framed metal building		Proposed Project Description: SHELL and FOUNDATION ONLY
Permit Type: Commercial		



Dept: Engineering **Status:** Approved **Reviewer:** Tony **Approval Date:** 01/05/2004
Note: PUBLIC WORKS ENGINEERING REVIEW1/05/04 **Ok to Issue:**

I have reviewed application dated 12/15/03 and find there to be no issues for Public Works.

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Lt. MacDougal **Approval Date:** 12/22/2003
Note: **Ok to Issue:**

1) an additional hydrant will be required

Dept: DRC **Status:** Approved with Conditions **Reviewer:** Sebago Technic **Approval Date:** 04/13/2004
Note: **Ok to Issue:**

1) see Planning conditions

Dept: Planning **Status:** Approved with Conditions **Reviewer:** Kandi Talbot **Approval Date:** 0411312004
Note: **Ok to Issue:**

Location of Construction: 470 RIVERSIDE ST	Owner Name: PENDE ASSOCIATES INC	Owner Address: 42 SOUTH ST	Phone:
Business Name:	Contractor Name: Mainland Structures, Inc.	Contractor Address: 11A Bartlett Rd Gorham	Phone (207) 856-1817
Lessee/Buyer's Name	Phone:	Permit Type: Commercial	

- 2) 3. that the applicant provide a trail easement to the City along the rear of the property to connect to Lucas Tree's trail easement prior to issuance of a building permit, for review and approval by Corporation Counsel.
- 3) 2. that the City Arborist review and approve the landscaping plan.
- 4) 1. that the applicant submit a geotechnical investigation letter prior to issuance of a building permit, to be reviewed and approved by the Development Review Coordinator.

Comments:

6/6/2005-mjn: Waiting for complete architectural plans for interior fit up a separate permit is required.

6/6/2005-mjn: Need revised PG and inspection fee check. Informed Mr. Russell Jr. last week. Per Jay Reynolds

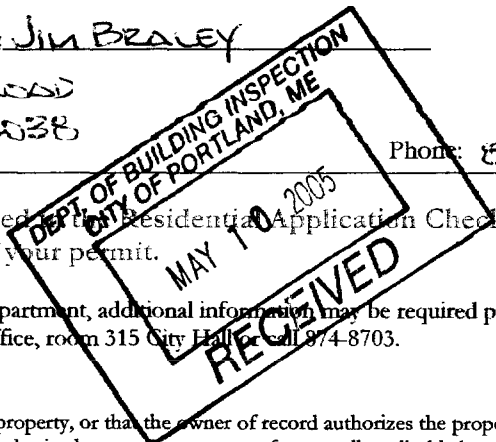
6/10/2005-gg: Received check. Check was underneath cash box and dated 5/06/05 the amount of \$4964.70, ??? /gg



Commercial Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: <u>LOT 1, BUTLER SUBDIVISION, RIVERSIDE ST, PORTLAND</u>		
Total Square Footage of Proposed Structure <u>9,600 SF</u>	Square Footage of Lot <u>596,732 SF</u>	
Assessor's Chart, Block & Lot Chart# <u>321</u> Block# <u>A</u> Lot# <u>4</u>	Owner: <u>ALEXANDER-RUSSELL Co, LLC</u>	Telephone: <u>207 797-8240</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>MAINLAND STRUCTURES</u> <u>11A BARTLETT ROAD</u> <u>GORHAM, ME 04038</u> <u>207-856-1817</u>	cost Of Work: <u>\$ 549,300.--</u> Fee: <u>\$ 4,964.70</u>
Current Specific use: <u>VACANT</u>		
Proposed Specific use: <u>OFFICE/ WAREHOUSE SPACE</u>		
Project description: <u>80' X 120' RIGID FRAMED METAL BUILDING W/ CONCRETE FOOTING & FROST WALL. FRONT 40' X 80' BAY PARTITIONED OFF FOR OFFICES, CONFERENCE ROOM, SHOWROOM & BATH ROOMS. REMAINDER OF BUILDING WILL BE USED AS WAREHOUSE. FIRE RATED WALL SEPERATES WAREHOUSE & OFFICE AREA.</u>		
Contractor's name, address & telephone: <u>MAINLAND STRUCTURES , 856-1817</u>		
Who should we contact when the permit is ready: <u>JIM BRALEY</u>		
Mailing address: <u>11A BARTLETT ROAD</u> <u>GORHAM, ME 04038</u>		Phone: <u>856-1817</u>



Phase I Foundation & Shell

as outlined in the Residential Application Checklist. Failure to obtain a permit is a violation of the City Code and may result in the denial of your permit.

For more information, contact the Building Department, additional information may be required prior to permit approval. For questions call the Building Department, room 315 City Hall, Portland, ME 04103, call 974-8703.

I, the undersigned, certify that I am the owner of the above named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to act as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, I certify that the Code Official's authorized representatives shall have the authority to enter all premises to enforce the provisions of the codes applicable to this permit.

Jim Braley Date: 5.6.05

Permit Fee: \$1000.00 Construction Cost, \$9.00 per additional \$1000.00 cost

Permittee may not commence any work until the Permit is issued.



CITY OF PORTLAND
BUILDING CODE CERTIFICATE
389 Congress St., Room 315
Portland, Maine 04 101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: WILLIAM E. WHITED, INC

RE: Certificate of Design

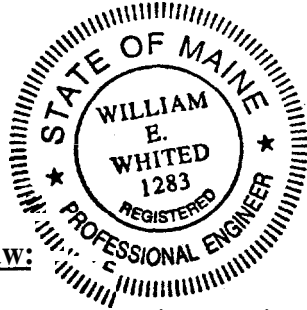
DATE: 05/05/05

These plans and/ or specifications covering construction work on:

Sani-Clean Foundation

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

(SEAL)



Signature: William E. Whited

Title: President

Firm: William E. Whited, Inc

Address: Portland, ME 04103

As per Maine State Law:

\$50,000.00 or more in new construction, repair expansion, addition, or modification for Building or Structures, shall be prepared by a registered design Professional.

FROM DESIGNER: WILLIAM E. WHITED, INC
 DATE: 05/05/05
 Job Name: Sani-Clear Building
 Address of Construction: 470 Riverside St Portland ME

2003 International Building Code

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

Building Code and Year IBC/2003 Use Group Classification(s) F1

Type of Construction III

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC Y

Is the Structure mixed use? N if yes, separated or non separated (see Section 302.3) _____

Supervisory alarm system? Y Geotechnical/Soils report required? (See Section 1802.2) Y

STRUCTURAL DESIGN CALCULATIONS
Foundation Submitted for all structural members
 (106.1, 106.1.1)

DESIGN LOADS ON CONSTRUCTION DOCUMENTS
 (1603)

Uniformly distributed floor live loads (7603.11, 1607)

Floor Area Use	Loads Shown
<u>Plant</u>	<u>125 PSF</u>
<u>Office</u>	<u>50 PSF</u>
_____	_____
_____	_____
_____	_____

* Wind loads, Snow loads, Live loads & seismic loads Reactions have been provided by Sunward Corp

- _____ Design option utilized (1609.1.1, 1609.6)
- _____ Basic wind speed (1809.3)
- _____ Building category and wind Importance factor, I_w (Table 1604.5, 1609.5)
- _____ Wind exposure category (1609.4)
- _____ Internal pressure coefficient (ASCE 7)
- _____ Component and cladding pressures (1809.1.1j, 1809.6.2.2)
- _____ Main force wind pressures (7603.1.1, 1609.6.2.1)

Earthquake design data (1603.1.5, 1614-1623)

- _____ Design option utilized (1614.7)
- _____ Seismic use group ("Category") (Table 1604.5, 1616.2)
- _____ Spectral response coefficients, S_{DS} & S_{D1} (1615.1)
- _____ Site class (1615.1.5)

- _____ Live load reduction (1603.1.1, 1607.9, 1607.10)
- _____ Roof live loads (1603.1.2, 1607.11)
- _____ Roof snow loads (7603.7.3, 1608)
- _____ Ground snow load, P_g (1608.2)
- _____ If $P_g > 10$ psf, flat-roof snow load, P_f (1608.3)
- _____ If $P_g > 10$ psf, snow exposure factor, C_e (Table 1608.3.1)
- _____ If $P_g > 10$ psf, snow load Importance factor, I_s (Table 1604.5)
- _____ Roof thermal factor, C_t (Table 1608.3.2)
- _____ Sloped roof snowload, P_s (1608.4)
- _____ Seismic design category (1616.3)
- _____ Basic seismic-force-resisting system (Table 1617.6.2)
- _____ Response modification coefficient, R , and deflection amplification factor, C_d (Table 1617.6.2)
- _____ Analysis procedure (1636.8, 1617.5)
- _____ Design base shear (1617.4, 1617.5.1)

Flood loads (1603.1.6, 1612)

- _____ Flood hazard area (1612.3)
- _____ Elevation of structure

Other loads

- _____ Concentrated loads (1607.4)
- _____ Partition loads (1607.5)
- _____ Impact loads (1607.8)
- _____ Misc. loads (Table 1607.6, 1607.8.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
Zoning Copy**

2003-0268
Application I. D. Number
12/15/2003
Application Date
Sani-Clean Distributors Building
Project Name/Description

Pende Associates Inc
Applicant
42 South St , Yarmouth , ME 04096
Applicant's Mailing Address

Consultant/Agent
Agent Ph: _____ **Agent Fax:** _____
Applicant or Agent Daytime Telephone, Fax

470 - 470 Riverside St, Portland, Maine
Address of Proposed Site
321 A004001
Assessor's Reference: Chart-Block-Lot

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail
 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

9,600 s.f. _____ **IM** _____
Proposed Building square Feet or # of Units Acreage of Site Zoning

Check Review Required:

- Site Plan (major/minor) Subdivision # of lots _____ PAD Review 14-403 Streets Review
- Flood Hazard Shoreland Historic Preservation DEP Local Certification
- Zoning Conditional Use (ZBA/PB) Zoning Variance Other _____

Fees Paid: Site Pla \$400.00 Subdivision _____ Engineer Review _____ Date **12/18/2003**

Zoning Approval Status:

Reviewer Marge Schmuckel
 Denied

- Approved Approved w/Conditions See Attached
- Approval Date _____ Approval Expiration _____ Extension to _____ Additional Sheets Attached
- Condition Compliance _____ signature _____ date _____

Performance Guarantee Required* Not Required

* No building permit may be issued until a performance guarantee has been submitted as indicated below

- Performance Guarantee Accepted _____ date _____ amount _____ expiration date _____
- Inspection Fee Paid _____ date _____ amount _____
- Building Permit Issue _____ date _____
- Performance Guarantee Reduced _____ date _____ remaining balance _____ signature _____
- Temporary Certificate of Occupancy _____ date _____ Conditions (See Attached) _____ expiration date _____
- Final Inspection _____ date _____ signature _____
- Certificate Of Occupancy _____ date _____
- Performance Guarantee Released _____ date _____ signature _____
- Defect Guarantee Submitted _____ submitted date _____ amount _____ expiration date _____
- Defect Guarantee Released _____ date _____ signature _____



SUNWARD CORPORATION
Metal Building Systems

700 13th Ave S.E., Jamestown, ND 58401, (701) 252-7390

JOB NAME: Mainland Structure Corp

LOCATION: Portland, ME 04101

DESCRIPTION: 80 x 120 x 16 1:12

PO NO.: G29268

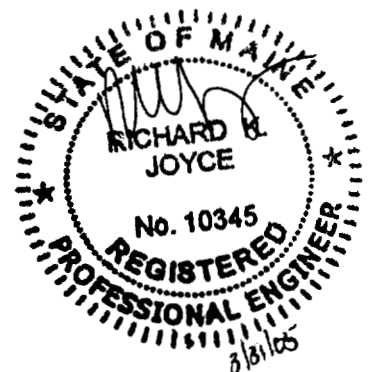
DATE: March 30, 2005

CALCULATIONS & DETAILS

PROJECT ENGINEER

Richard Keith Joyce, P.E.

Registered Professional Engineer





May. 6. 2005:R 8:19AM
DENVER EST.

MAY. 5. 2005 9:06AM
May. 4. 2005 3:11PM

17068451218;
AT: 4600

MAY-6-05 9:20AM No. 9234 FP. 11/

Mainland Structures 856-2825

"NO. 4589 "P. 1

Att: Mark O



**CITY OF PORTLAND
BUILDING CODE CERTIFICATE**
389 Congress St., Room 315
Portland, Maine 04101

TO: Inspector of Buildings City of Portland, Maine
Department of Planning & Urban Development
Division of Housing & Community Service

FROM: Richard K. Joyce

RE: Certificate of Design

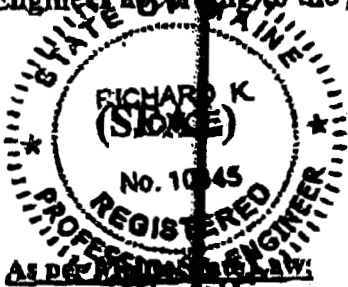
DATE: 5/5/05

These plans and ^{or specifications} ~~or specifications~~ covering construction work on:

80'-0" x 120'-0" x 16'-0" Steel Building - Portland, ME

Gold Seal purchase order G29268

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



Signature: Richard K. Joyce

Title: Engineer Manager

Firm: N/A

Address: 300 Broome Street, Ste 106
LaGrange, GA 30240

\$50,000.00 or more in new construction, repair
expansion, addition, or modification for
Building or Structures, shall be prepared by a
registered design Professional.

FROM DESIGNER: Patrick Bassick / Richard Joyce P.E.
 DATE: 5/5/05
 Job Name: Mainland Structure Corp / Alexander - Russel Co. LLC
 Address of Construction: 470 Riverside Street, Portland ME 04101

2003 International Building Code

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

Building Code and Year IBC 03 Use Group Classification(s) I

Type of Construction Metal Building 3 p.s.f. collateral was
 Will the structure have a fire suppression system in accordance with Section 903.1.1 of the 2003 IRC developed for sprinklers.
 Is the structure embedded? * if yes, separated or non separated (see Section 302.3) * * However, the total
 Supervisory alarm system? * Geotechnical/Sells report required? (See Section 1802.2) * building system is
not my responsibility

STRUCTURAL DESIGN CALCULATIONS

See Calc's Submitted for all structural members (1002.1, 1002.1.1) No Live load reduction (1002.1.1, 1007.8, 1007.10) Only the

DESIGN LOADS ON CONSTRUCTION DOCUMENTS

Uniformly distributed floor live loads (1602.1.1, 1607) 20 p.s.f. Roof live loads (1605.1.2, 1607.11) metal building

Floor Area Use	Loads Shown
_____	<u>1.0</u>
_____	<u>1.0</u>
_____	<u>1.0</u>
_____	<u>NA</u>

Roof snow loads (702.7.3, 1608)
50 p.s.f. Ground snow load, P_g (1608.2)
35 p.s.f. $X P_g > 10$ psf, flat-roof snow load, P_f (1608.3)
1.0 $W F_p > 10$ psf, snow exposure factor, C_e (Table 1608.3.1)
1.0 $W F_p > 10$ psf, snow load importance factor, C_i (Table 1608.4)
1.0 Roof thermal factor, C_t (Table 1608.3.2)
NA Sloped roof snow load, P_s (1608.4)

Wind loads (1609.1.4, 1609)

3 second gust
94 mph
Cond 1.0

C
+/- 0.18

14.5 ps.f. / 15.9 ps.f.

16.54 ps.f.

Earthquake design data (1609.1.8, 1614, 1623)

Simplified Method Design option utilized (1614.1)

II Seismic use group ("Category") (Table 1604.5, 1616.2)

0.37 and 0.16 Spectral response coefficients, S_{ps} & S_{p1} (1616.1)

D Site class (1616.1.6)

Ordinary Steel Moment Frame

Design option utilized (1609.1.1, 1609.6) 3 1/2 and 3

Basic wind speed (1609.3) _____

Building category and wind importance factor, I_w (Table 1604.6, 1609.5) Simplified Method

Wind exposure category (1609.4) 2.5IK

Internal pressure coefficient (ASCE 7) _____

Component and cladding pressures (1609.1.4, 1609.6.2.2) _____

Main force wind pressures (1609.1.1, 1609.6.2.1) _____

Other loads _____

NA Concentrated loads (1607.4)

NA Partition loads (1607.5)

NA Impact loads (1607.8)

NA Misc. loads (Table 1607.8, 1607.8.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 1604)

Seismic design category (1616.2) D

Bolted seismic force-resisting system (Table 1617.6.2) _____

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

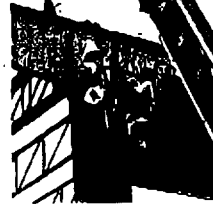
Analysis procedure (1616.6, 1617.2) _____

Design base shear (1617.4, 1617.6.1) _____

Flood loads (1609.1.8, 1612) _____

Floodhazard area (1612.3) NA to

Elevation of structure Gold Seal



AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC.

AISC Metal Building Manufacturer Certification Program

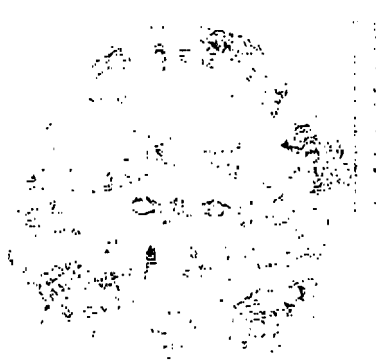
Sunward Corp./WedgCor, Inc.

Denver, Co

Facilities meeting program criteria:

Louvers, CO
Jamestown, ND

Design
Manufacturing



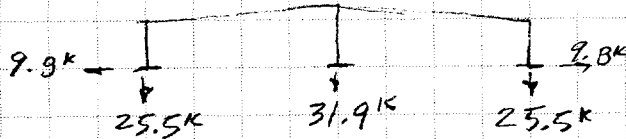
September 2005

t, American Institute of Steel Construction, Inc.

Certification **valid** through the **last day** of this month

FON:

REACTIONS FROM SUNDARD CORPORATION
 MAX REACTION AT FRAME 2 & 4



SOIL BEG CAPACITY FROM R.W. GILLESPIE REPORT: 2500 PSF
 MIN 3' WIDE FOR 2500 PSF
 MIN 2' WIDE STRIP FTG: $(2500/3) \times 2 = 1670$ PLF
 SOIL FRICTION COEFFICIENT = 0.35 TO RESIST LATERAL
 SLIDING

WALL FTG: $25.5^k + 8' \times 125 + 11.65' \times 15 = 28.25^k$

FTG 3'4" x 3'6" $P_b = 2.42 < 2.5$ KSF O.K.

WALL FTG BETWEEN FRAMES:

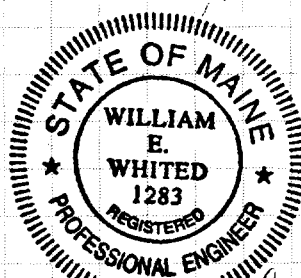
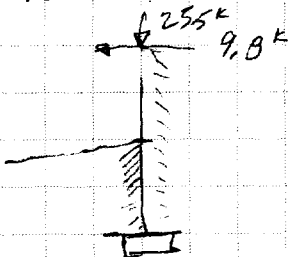
WALL WEIGHT PLUS FON WT:

$18 \times 12 \#/10' + 8 \times 125 \#/10' + 2 \times 125$
 $= 1341 \#/LF < 1670$ PLF ALLOWED O.K.

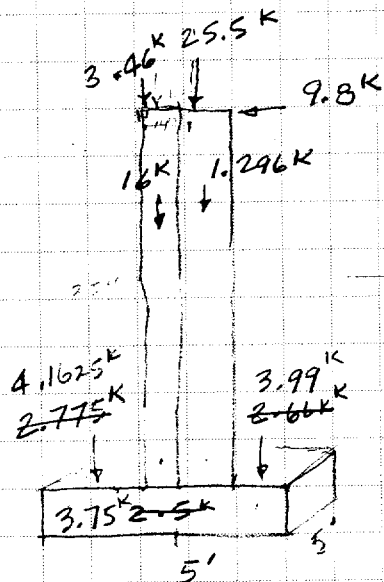
CENTER COLUMNS $P = 31.9^k + 16 \times 15 = 34.3^k$

$P_b = \frac{34.3}{16} = 2.14$ KSF < 2.5 KSF O.K.

SLIDING RESISTED BY PASSIVE RESISTANCE OF SOIL
 TO OVERTURNING:



William E. Whited



$$M_{OT} = 9.8 \times 9' + 9^3 \times 0.03 \times \frac{1}{16} \times 16 - 16 \times 5^3 \times 0.368 \times \frac{1}{16} = 23.9533 \text{ K-FT}$$

MR:

FTG	2.5	x	2.5	=	6.25
WALL	16.0	x	2.5	=	40.00
PIER	1.296	x	3.4583	=	4.4820
SOIL ₁	2.775	x	1.0417	=	2.8907
SOIL ₂	2.66	x	4.50	=	11.970
P ₁	3.46	x	2.167	=	7.4968
P ₂	25.5	x	3.25	=	82.875
ΣW	54.19				155.9645

ΣMR M_{OT} = 732.1112

$\bar{a} = 2.4379$ $e = 0.0621$

$P_c = \frac{54.19}{3.33 \times 5} \left(1 + \frac{6 \times 0.0621}{5} \right) = 3.49717 \text{ 2.5 KS N.G.}$

TRY FTG 5x5

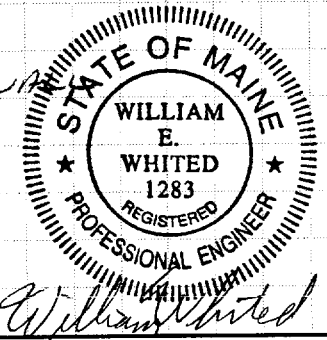
	W			
FTG	3.75	x	2.5	= 9.375
WALL	16.0	x	2.5	= 40.00
PIER	1.296	x	3.4583	= 4.482
SOIL ₁	4.1625	x	1.0417	= 4.33361
SOIL ₂	3.99	x	4.50	= 17.955
P ₁	3.46	x	2.167	= 7.4978
P ₂	25.50	x	3.25	= 82.875
Σ	58.1585			166.5209

ΣMR M_{OT} = 142.6676

$\bar{a} = 2.4531$ $e = 0.0469$

$P_c = \frac{58.1585}{5 \times 5} \left(1 + \frac{6 \times 0.0469}{5} \right) = 2.4573 < 2.5 \text{ OK.}$

5x5 FTG. STEEL ON INSIDE OF WALL



MAINLAND STRUCTURES CORP.

May 6, 2005

Mr. Mike Nugent
Planning and Development Department
389 Congress Street
Portland, ME 04101

Re: Sani-Clean Building, 470 Riverside Street

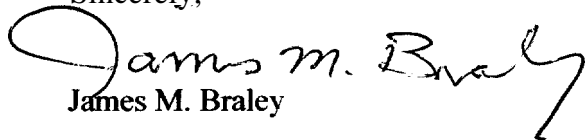
Dear Mike,

Attached, for your review, is our permit submission for the foundation and metal building for the referenced project. The ADA and interior partition details to follow.

At this time we **are** requesting a permit to proceed with foundation construction and fabrication of the metal building.

I may be reached at 856-1817 or 252-6595 with any questions.

Sincerely,


James M. Braley

11A Bartlett Road • Gorham, ME 04038

Phone: 207-856-1817 • Fax: 207-856-2825

From: Marge Schmuckal
To: Sarah Hopkins
Date: Tue, May 24, 2005 3:55 PM
Subject: 470 Riverside Street- sani-clean bldg

Sarah,
Is this site plan project approved? Can I get a stamped approved site plan? We have a building permit application.
Thanks,
Marge

6/2/05
replied
I = 81
5-10-05

Applicant: Pende Associates, Inc

Date: 5/24/05

Address: 470 Riverside St

C-B-L: 321-A-004

CHECK-LIST AGAINST ZONING ORDINANCE

Date - ^{currently} Developed lot

#05-0552

Zone Location - I-M

Interior or corner lot -

Proposed Use/Work - Adding New bldg to lot for warehouse & offices
80' x 120'

Sewage Disposal - private

Lot Street Frontage - 60' min - 61' exist

Front Yard - 1' for every 1' of height - 20' min - 100' from Riverside
Riverside St

Rear Yard - 1' for each 1' of height up to 25' - 100' + show

Side Yard - 1' for each 1' of height up to 25' - 65' & 240' scaled

Projections -

Width of Lot - N/A

Height - 75' max - showing 20' to ridge

Lot Area - No min lot size req - 596,772 sq ft given (13.7 AC)

Lot Coverage / Impervious Surface - 75% max - 30% given
→ 3.49 AC

Area per Family - N/A

Off-street Parking - 1 pkg spc per 1,000 sq ft - 10 req - 10 shown

Loading Bays - 1 loading dock 14' x 50' - shown &

Site Plan - # 2003-0268

Shoreland Zoning / Stream Protection - bldg is just outside of 250' shoreland
zone line (Presumptive River)

Flood Plains - Panel 6 - Zone X - demarcation line shown on plat

Problem → Pavement set back 10' req - 9' bay shown
→ 5' stamped approved pavement 10'

Statement of Special Inspections

Project: Sani-Clean
Location: 470 Riverside Street Portland, ME
Owner: Alexander. Russell Co., LLC
Design Professional in Responsible Charge: William Whited

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 Mechanical/Electrical/Plumbing
 Architectural 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: _____ or per attached schedule.

Prepared by:

William E. Whited

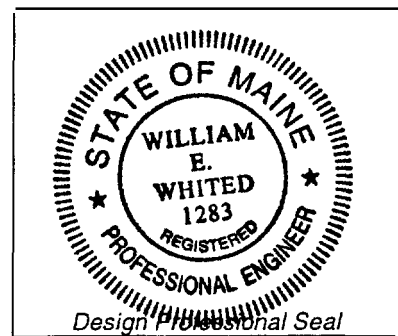
(type or print name)

William E. Whited

Signature

05-03-05

Date



Owner's Authorization:

[Handwritten signature]

Signature

Date

Building Official's Acceptance:

Signature

Date

of the seismic and wind force resisting systems if it is determined that a Quality Assurance Plan is required.

5. Inspection Program Pages For Each Building System:

- 5-1. There is a page attached for each building system where the RDP identifies the inspection requirements of each system. Fill out the pages for *only* the building systems included in this SSI. Do not include blank pages for building systems not covered under this SSI.
- 5-2. Indicate the inspection or testing **firm** (Agency #) that will perform each inspection task. The Agency # is the number listed next to the Inspector or Testing Laboratory on the chart on page 2 of the SSI.
- 5-3. Indicate the required qualifications of the Inspector for each inspection. A list of qualifications of Inspectors and testing technicians is provided on page 4 of the SSI for reference. The RDP may require additional qualifications beyond the ones listed if they feel it is appropriate. Suggested qualifications have been included for consideration. The RDP must determine what qualifications are appropriate for the particular project and confirm that the selected agency employs individuals with the specified qualifications.
- 5-4. The scope of each inspection must be filled in by the RDP. The editable text provided in italics reflects the code mandated minimum inspection requirements designated in section 1704 of IBC Chapter 17. The editable text does not include the inspections requirements for seismic and wind resisting systems listed in sections 1705 through 1708. The RDP must determine if the project falls under the requirements of sections 1705 to 1708 and add the required inspections to the building systems. The final scope of the inspections required for the project must be determined by the RDP.
- 5-5. Descriptions of all inspections must include the required frequency of each inspection or test.



R. W. Gillespie & Associates, Inc.

Geotechnical Engineering • Geohydrology • Materials Testing Services

PROJECT MEMORANDUM

To: Jim Braley, Mainland Structures Corp.

From: Matthew Grady, R.W. Gillespie & Associates, Inc.

Date: 09 May 2005

Project: Sani-Clean, P-5719

Subject: Testing/Inspection in accordance with 2003 IBC

Jim - I received your **fax** regarding case form 101 statement **of** special inspections for the above subject project. I envision testing and inspection to be done as follows by individual category and one of RWG&A personnel listed depending on availability at time of request for testing/inspecting:

<u>Category</u>	<u>Personnel</u>	<u>Title/Qualifications</u>
Soils and Foundation		
Verify soil bearing	Matthew T. Grady	Manger, Material Testing Services/P.E.
	Matthew P. Lilley	Geotechnical Engineer/P.E.
Perform Soil Testing	Dwayne McKenzie	Construction Engineering Technologist/NETTCP, Radiation Safety Certified .
	Ryan MacEachern	Construction Engineering Technologist/NETTCP, Radiation Safety Certified
	Chad Gryskwycz	Construction Engineering Technologist/Radiation Safety Certified
Cast in Place Concrete		
Concrete Testing &	Dwayne McKenzie	Construction Engineering Technologist/ACI
Reinforcing Steel Inspection	Ryan MacEachern	Construction Engineering Technologist/ACI
	Chad Gryskwycz	Construction Engineering Technologist/ACI

R. W. Gillespie & Associates, Inc.

Structural Steel
Steel Inspection

George Morrell Construction Engineering Technologist/
AWS/CWI

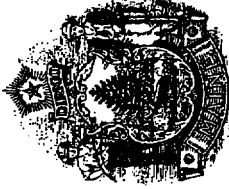
Ryan MacEachern Construction Engineering Technologist/
AWSICAWI

Quality Assurance Labs - subcontractor that performs Ultrasonic
Testing

There are additional personnel at RWG&A that are qualified to do soils, concrete and reinforcing steel inspection that I have not listed. If the above personnel are not available at the time of request, another qualified RWG&A personnel will be assigned. Attached are certifications of the personnel listed. If you need additional information, please contact me.

Matthew Grady, P.E.
Manager, Material Testing Services

STATE OF MAINE



Be it known that

Matthew T. Grady

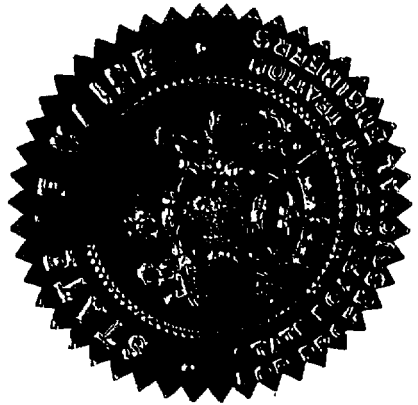
HAVING QUALIFIED AS REQUIRED BY LAW IS DULY REGISTERED
AND IS HEREBY AUTHORIZED TO PRACTICE
IN THE STATE OF MAINE AS A

PROFESSIONAL
ENGINEER

ISSUED BY THE MAINE STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS

In Testimony Whereof

We have affixed our Hand and Seal this 2nd day De ember 2002



Serial No. 10250

Richard R. Coate

CHAIRMAN

Walter H. Hunt

SECRETARY

STATE OF MAINE



Be it known that

Matthew H. Willey

HAVING QUALIFIED AS REQUIRED BY LAW IS DULY REGISTERED
AND IS HEREBY AUTHORIZED TO PRACTICE
IN THE STATE OF MAINE AS A

PROFESSIONAL
ENGINEER

ISSUED BY THE MAINE STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS

In Testimony Whereof

We have affixed our Hand and Seal this 23rd day June 2004

Serial No. 10684

Ralph Foster

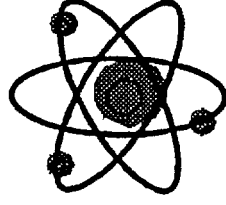
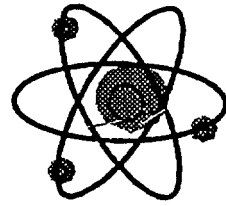
CHAIRMAN

Warren T. Foster



Q/C RESOURCE

Training Course Certification



This is to certify that

Dwayne McKenzie

has successfully completed the RSO and Operator's course as required by the U.S. Nuclear Regulatory Commission and the Agreement States, in the Fundamentals of Safety and Gage operation, for the use of Nuclear Moisture / Density equipment. The course covered:

Atomic Physics	Transportation	Operation
Radiation Safety	Risk	Field Applications
Dose/Shielding Calculations	ALARA	Calibration
Accidents/Storage	Measurement Theory	Maintenance

August 31, 2000

Date of Training

4769

Certificate Number

A handwritten signature in cursive script, appearing to read "Philip C. Palilla".

Instructor - Philip C. Palilla

Manufacturer's Rep

New England Transportation Technician Certification Program



This is to certify that

 Dwayne McKenzie

has successfully completed the

Soils and Aggregate Inspector Certification
Course and Examination

 454

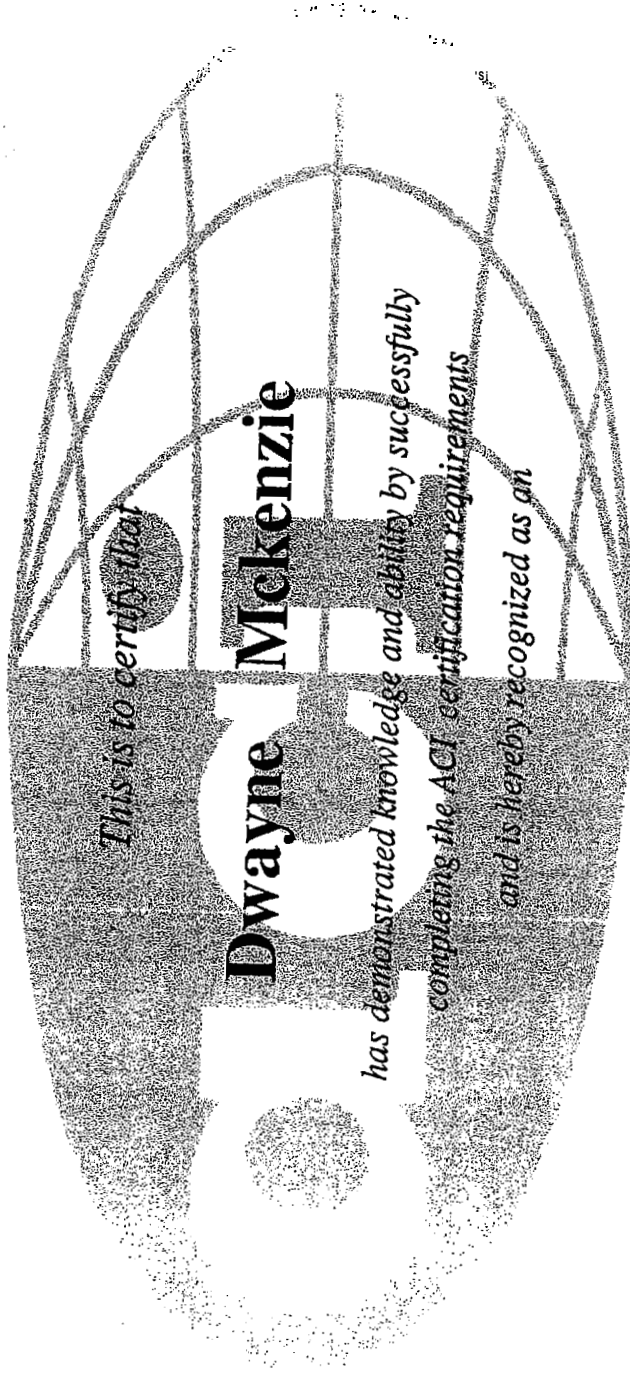
Certification Number

Given on this date April 18, 2001

 Charles W. Groh

Authorized NETTCP Signature

AMERICAN CONCRETE INSTITUTE



This is to certify that

Dwayne Mckenzie

*has demonstrated knowledge and ability by successfully
completing the ACI certification requirements
and is hereby recognized as an*

ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Exam Date: 10/13/2000

Expires: 10/13/2005

Examiner:

Dwayne Mckenzie

INTERNATIONAL

Certificate of Completion

This certifies that

Charles Grvskwicz

has successfully completed the
Nuclear Gauge Safety Training Class
conducted by the training department of
Troxler Electronic Laboratories, Inc.

Harvey Dunlevy
Harvey Dunlevy

Instructor

9/29/04

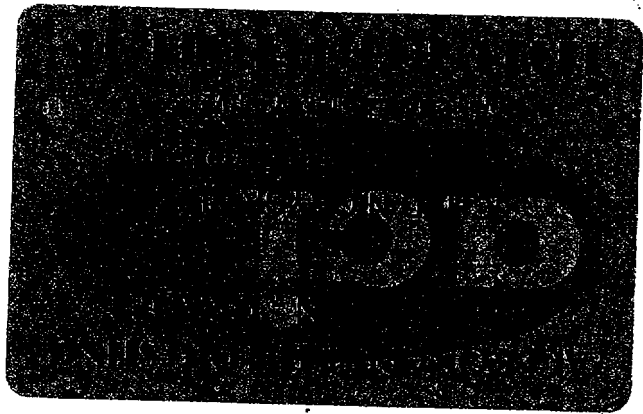
Date

William F. Troxler, Jr.
President

Enrollment ID: 10264



Troxler Electronic Laboratories, Inc.
PO Box 12057 • 3008 Cornwallis Rd. • Research Triangle Park, NC 27709
Phone: (919) 549-8661 • Fax: (919) 549-0761 • Web site: www.troxlerlabs.com



TROXLER ELECTRONIC LABORATORIES, INC.

HEREBY CERTIFIES THAT

RYAN MACEACHERN

of

R W GILLESPIE & ASSOCIATES INC

HAS SUCCESSFULLY COMPLETED THE TROXLER ELECTRONIC LABORATORIES, INC. TRAINING COURSE FOR THE USE OF NUCLEAR TESTING EQUIPMENT.

SUBJECTS INCLUDED IN THIS COURSE WERE AS FOLLOWS:

1. Principles and practices of radiation protection.
2. Leak testing procedures
3. Mathematics and calculations basic to the use and measurement of radioactivity.
4. Biological effects of radiation.
5. Radioactivity measurement standardization and monitoring techniques and instruments.
6. Accident and incident procedures.
7. Procedures for nuclear waste storage and transportation.
8. General safety precautions.

Radiological Safety

Gauge Operation

1. Instrument theory
2. Operating procedures
3. Maintenance
4. Field application
5. Gauge calibration

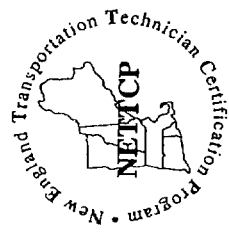
CERTIFICATE #: 095661

6/28/01
DATE

Harvey Dunlevy
HARVEY DUNLEVY
INSTRUCTOR

WILLIAM F. TROXLER, JR.
PRESIDENT

New England Transportation Technician Certification Program



This is to certify that

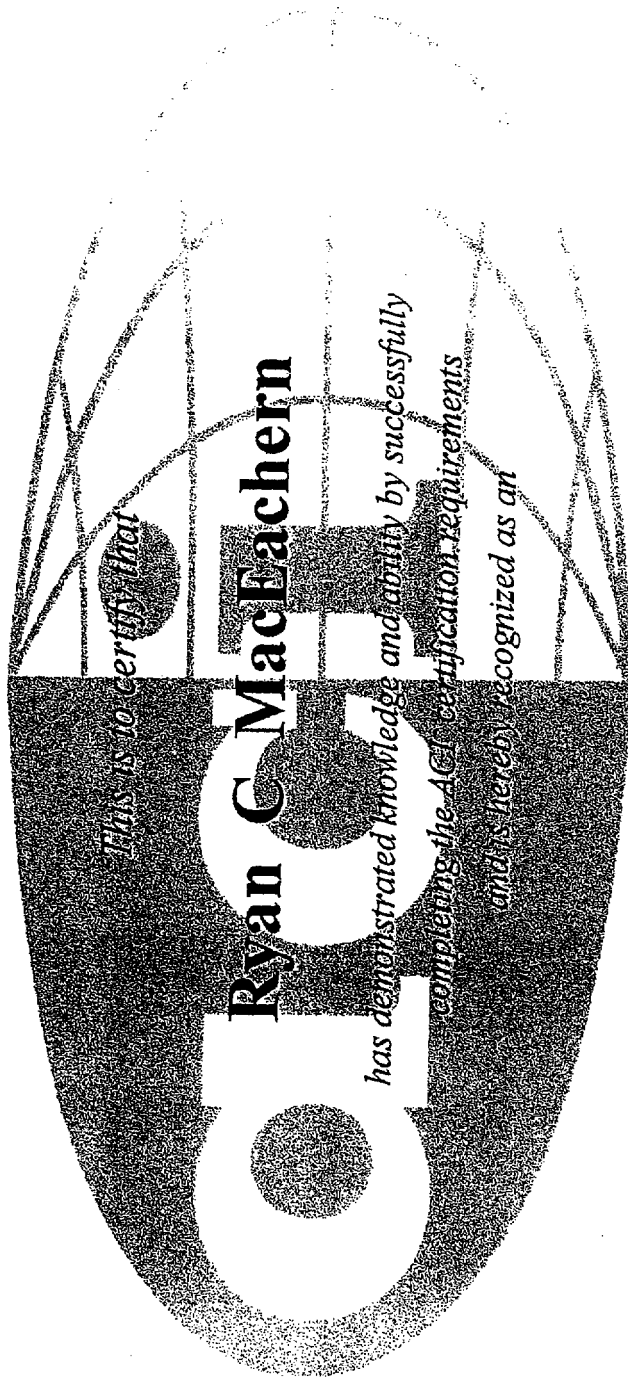
Ryan MacEachern
has successfully completed the

Soils and Aggregate Inspector Certification Course and Examination

550
Certification Number

Given on this date March 19, 2003
[Signature]
Authorized NETTCP Signature

AMERICAN CONCRETE INSTITUTE



ACI CONCRETE FIELD TESTING TECHNICIAN - GRADE I

Exam Date: 07/24/2001

Expires: 07/24/2006

INTERNATIONAL

Examiner: *William M. Colburn, PE*

American Welding Society



Certifies that Welding Inspector

George S Morrell

*has complied with the requirements of Section 6.1
of the AWS Standard for Qualification and
Certification of Welding Inspectors QC1-96*

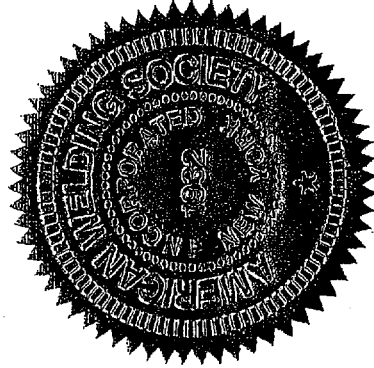
04050311

CERTIFICATE NUMBER

April 2004

VALID DATE

EMPLOYER: REFER TO WALLET CARD FOR
VALIDITY AND EXPIRATION DATE




PRESIDENT AWS


CHAIRMAN QUALIFICATION COMMITTEE


CHAIRMAN CERTIFICATION COMMITTEE

American Welding Society



Certifies that Associate Welding Inspector

Ryan Maceachern

*has complied with the requirements of Section 6.1
of the AWS Standard for Qualification and
Certification of Welding Inspectors QC1-96*

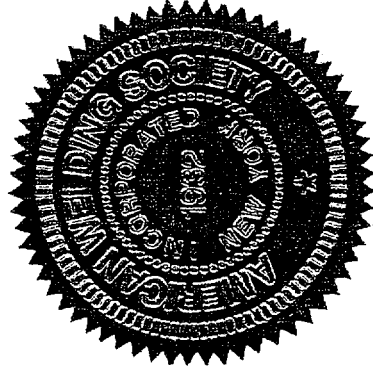
04050134

CERTIFICATE NUMBER

April 2004

VALID DATE

EMPLOYER: REFER TO WALLET CARD FOR
VALIDITY AND EXPIRATION DATE



[Signature]
PRESIDENT AWS

[Signature]
CHAIRMAN QUALIFICATION COMMITTEE

[Signature]
CHAIRMAN CERTIFICATION COMMITTEE