

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

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

Permit No: 10-0640	Issue Date:	CBL: 039 E010001
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Location of Construction: 88 Spring St	Owner Name: Lafayette Portland Llc	Owner Address: 155 Littlefield Ave	Phone: 207-862-8000
Business Name: Holiday Inn	Contractor Name: NeoKraft Signs	Contractor Address: 686 Main St. Lewiston	Phone: 2077829654
Lessee/Buyer's Name	Phone:	Permit Type: Signs - Permanent	Zone: B-3

Past Use: Commercial / Hotel (Holiday Inn)	Proposed Use: Hotel (Holiday Inn) / Erect one freestanding sign and two attached building wall signs.	Permit Fee: \$1078.00	Cost of Work: \$0.00	CEO District: 1
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-1 Type: Signs IBC-2003 Signature: JMB 6/24/10	

Proposed Project Description: Erect one freestanding sign and two attached building wall signs.	Signature:	Signature: JMB 6/24/10
PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)		
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied		
Signature:		Date:

Permit Taken By: gg	Date Applied For: 06/03/2010	<b>Zoning Approval</b>
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<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><b>Special Zone or Reviews</b></p> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>OK Date: 6/8/10 ABA</p>	<p><b>Zoning Appeal</b></p> <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 <p>Date:</p>	<p><b>Historic Preservation</b></p> <input checked="" type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied <p>ABM Date:</p>
	<p><b>PERMIT ISSUED</b></p> <p>JUN 24 2010</p> <p>City of Portland</p>		

### 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**  
 Department of Building Inspections

**Original Receipt**

June 10 2012

Received from Walter H. [unclear]

Location of Work 77 [unclear]

Cost of Construction \$ \_\_\_\_\_ Building Fee: \_\_\_\_\_

Permit Fee \$ \_\_\_\_\_ Site Fee: \_\_\_\_\_

Certificate of Occupancy Fee: \_\_\_\_\_

**Total:** \_\_\_\_\_

Building (I1) 4,105.00 Plumbing (I5) \_\_\_\_\_ Electrical (I2) 55.00 Site Plan (U2) \_\_\_\_\_

Other \_\_\_\_\_

CBL: 0291E 010

Check #: 99712 **Total Collected \$** 4,160.00

**No work is to be started until permit issued.  
 Please keep original receipt for your records.**

Taken by: [Signature]

WHITE - Applicant's Copy  
 YELLOW - Office Copy  
 PINK - Permit Copy

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

Please Read Application And Notes, If Any, Attached

## BUILDING INSPECTION PERMIT

Permit Number: 100640

This is to certify that Lafayette Portland Llc/NeoKraft Signs

has permission to Erect one freestanding sign and two attached building wall signs

AT 88 Spring St CBL 039 E010001

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise closed-in. 24 HOUR NOTICE IS REQUIRED.

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

**PERMIT ISSUED**

**OTHER REQUIRED APPROVALS**

Fire Dept. \_\_\_\_\_

Health Dept. \_\_\_\_\_

Appeal Board \_\_\_\_\_

Other \_\_\_\_\_

Department Name

*James Burke* JUN 24 2010 6/24/10  
Director - Building Inspection Dept. City of Portland

**PENALTY FOR REMOVING THIS CARD**

SCANNED

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

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

<b>Permit No:</b> 10-0640	<b>Date Applied For:</b> 06/03/2010	<b>CBL:</b> 039 E010001
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<b>Location of Construction:</b> 88 Spring St	<b>Owner Name:</b> Lafayette Portland Llc	<b>Owner Address:</b> 155 Littlefield Ave	<b>Phone:</b> 207-862-8000
<b>Business Name:</b> Holiday Inn	<b>Contractor Name:</b> NeoKraft Signs	<b>Contractor Address:</b> 686 Main St. Lewiston	<b>Phone:</b> (207) 782-9654
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Signs - Permanent	

<b>Proposed Use:</b> Hotel (Holiday Inn) / Erect one freestanding sign and two attached building wall signs. (replacing existing signs)	<b>Proposed Project Description:</b> Erect one freestanding sign and two attached building wall signs. (replacing existing signs).
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<b>Dept:</b> Zoning	<b>Status:</b> Approved	<b>Reviewer:</b> Ann Machado	<b>Approval Date:</b> 06/08/2010
<b>Note:</b> Free standing sign is a monument sign that was approved in 2000. The dimensions are 6' 3 1/2" x 4' 5". Two building signs - logo is 10'1" x 10'1" & letters are 29' 3 15/16" x 4' 11 1/2"			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>

<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Jeanine Bourke	<b>Approval Date:</b> 06/24/2010
<b>Note:</b>			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>
<ol style="list-style-type: none"> <li>1) Signage Installation to comply with Chapters 31 &amp; 32 of the IBC 2003 building code.</li> <li>2) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm HVAC systems, heating appliances, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.</li> <li>3) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.</li> </ol>			

<b>Comments:</b>
6/8/2010-gg: received permit by mail on June 3, 2010. /gg
6/8/2010-amachado: Gave permit back to Gayle. Permit fee did not show up on permit.

**PERMIT ISSUED**

JUN 24 2010

City of Portland

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY )  
or email: [buildinginspections@portlandmaine.gov](mailto: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 Inspection 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 with construction.

  X   Underground electrical inspection prior to pouring concrete or rough in inspection

  X   Final inspection required at completion of work.

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

PERMIT ISSUED  
JUN 24 2010  
City of Portland



# Signage/Awning 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>88 Spring Street</u>		
Tax Assessor's Chart, Block & Lot Chart# <u>039</u> Block# <u>E</u> Lot# <u>010</u>	Owner: <u>Lafayette Portland, LLC</u> <u>155 Littlefield Avenue</u> <u>Bangor, ME 04401</u>	Telephone: <u>207-862-8000</u>
Lessee/Buyer's Name (If Applicable) <u>Holiday Inn</u>	Contractor name, address & telephone: <u>Neokraft Signs Inc.</u> <u>686 Main St.</u> <u>Lewiston, ME 04240</u> <u>207-782-9654</u>	Total s.f. of signage x \$2.00 Per s.f. plus \$30.00/\$65.00 For H.D. signage= Total Fee: <u>\$1,078.00</u> <span style="float: right;">524' total ft.</span> Awning Fee= cost of work Total Fee: <u>\$1,078.00</u>

Who should we contact when the permit is ready: Shane Moffett phone: 207-782-9654

Tenant/allocated building space frontage (feet): Length: \_\_\_\_\_ Height: see plat plan  
 Lot Frontage (feet) see plat plan Single Tenant or Multi Tenant Lot Single tenant

Current Specific use: hotel  
 If vacant, what was prior use: \_\_\_\_\_  
 Proposed Use: hotel

Information on proposed sign(s):  
 Freestanding (e.g., pole) sign? Yes  No  Dimensions proposed: 4'5" x 6'3 1/2" Height from grade: 7'6"  
 Bldg. wall sign? (attached to bldg) Yes  No  Dimensions proposed: 10' x 10' - 1" - 1090  
 (2) sets Proposed 4'1 1/2" x 29'3 1/2" - letters

Proposed awning? Yes  No  Is awning backlit? Yes  No   
 Height of awning: \_\_\_\_\_ Length of awning: \_\_\_\_\_ Depth: \_\_\_\_\_  
 Is there any communication, message, trademark or symbol on it? Yes  No   
 If yes, total s.f. of panels w/communications, message, trademark or symbol: \_\_\_\_\_ s.f.

**RECEIVED**

JUN - 3

Dept. of Building Inspections  
City of Portland Maine

*39 mail*

Information on existing and previously permitted sign(s):  
 Freestanding (e.g., pole) sign? Yes  No  Dimensions: \_\_\_\_\_  
 Bldg. wall sign? (attached to bldg) Yes  No  Dimensions: \_\_\_\_\_  
 Awning? Yes  No  Sq. ft. area of awning w/communication: \_\_\_\_\_

A site sketch and building sketch showing exactly where existing and new signage is located must be provided. Sketches and/or pictures of proposed signage and existing building are also required.

Please submit all of the information outlined in the Sign/Awning Application Checklist. Failure to do so may 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 visit us on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), stop by the Building Inspections office, room 315 City Hall or call 874-8703.

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

Signature of applicant: Shane Moffett Date: 5-02-10

*freestanding sign approved permit 00-1179 - 33\$ - new - 25.8\$ building size - 2' x 10' = 20 sq ft. 2 x 187 = 374 March proposed - 247.09*



## Signage/Awning Permit Application Checklist

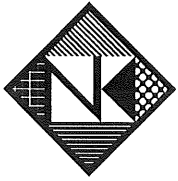
All of the following information is required and must be submitted. Checking off each item as you prepare your application package will ensure your package is complete and will help to expedite the permitting process.

- Certificate of Liability listing the City as additional insured if any portion of the sign abuts or encroaches on any public right of way, or can fall into any public right of way.
- Letter of permission from the owner indicating the permissions granted and the tenant/space building frontage.
- A sketch plan of lot indicating location of buildings, driveways and any abutting streets or rights of way, lengths of building frontages, street frontages and all existing setbacks. Please indicate on the plan all existing and proposed signs with their dimensions and specific locations. Be sure to include distance from the ground and building façade dimensions for any signage attached to the building.
- A sketch or photo of any proposed sign(s) indicating content, dimensions, materials, source of illumination, construction method as well as specifics of installation/attachment.
- Certificate of flammability required for awning or canopy.
- A UL# is required for lighted signs at the time of final inspection.
- Pre-application questionnaire completed and attached.
- Photos of existing signage
- Details for sign fastening, attachment or mounting in the ground.

Permit fee for signage or awning-with-signage: \$30.00 plus \$2.00 per square foot of sign.

Permit fee for awning-without-signage is based on cost of work:  
\$30.00 for the first \$1,000.00, \$9.00 per additional \$1,000.00 of cost.

Base application fee for any Historic District signage is \$65.00.



# Neokraft

Neokraft Signs Inc.  
 686 Main Street  
 Lewiston, Maine 04240  
 Telephone: 207.782.9654  
 Facsimile: 207.782.0009  
 1.800.339.2258  
<http://www.neokraft.com>

**Transmittal to** CITY OF PORTLAND  
 INSPECTIONS  
 389 CONGRESS STREET  
 PORTLAND, ME 04101

**Date** 06.2.2010  
**Job No.** 11855  
**Re.** HOLIDAY INN  
 PERMITS  
 MAIL

- Item**
- |   |   |   |   |
|---|---|---|---|
| <input checked="" type="checkbox"/> Attached      | <input type="checkbox"/> Hand Delivered | <input type="checkbox"/> Under separate cover |   |
| <input checked="" type="checkbox"/> Shop Drawings | <input type="checkbox"/> Prints         | <input type="checkbox"/> Samples              | <input type="checkbox"/> Specifications |
| <input type="checkbox"/> Copy of letter           | <input type="checkbox"/> Change Order   | <input type="checkbox"/> Other                |   |

Copies	Date	No.
1 set	06.02.2010	11855

**Description**  
 (1) SIGN PERMIT APPLICATION, (1) ELECTRICAL PERMIT APPLICATION, DRAWINGS, ENGINEERED DRAWINGS, PLOT PLAN, OWNER AUTHORIZATION LETTER, LIABILITY CERTIFICATE OF INSURANCE, AND A CHECK FOR \$1,133.00 TO OBTAIN PERMITS FOR HOLIDAY INN LOCATED ON 88 SPRING STREET.

**RECEIVED**  
 JUN - 3 2010  
 Dept. of Building Inspections  
 City of Portland Maine

- Purpose**
- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> For approval | <input type="checkbox"/> No exception taken     | <input type="checkbox"/> Rejected           |
| <input type="checkbox"/> For your use            | <input type="checkbox"/> Make corrections noted | <input type="checkbox"/> Review and comment |
| <input type="checkbox"/> As requested            | <input type="checkbox"/> Revise and resubmit    | <input type="checkbox"/> Other              |

**Remarks** Please mail permits upon approval for the above named location.

**Copy to**

**From** SHANE MOFFETT

If enclosures are not as noted kindly notify us at once.

OFFICE:\CLERICAL\TEMPLATES\TRANSMITTAL FORM.DOT







**COLITE INTERNATIONAL LTD.**

9 TECHNOLOGY CIRCLE - COLUMBIA, SC 29903  
 PH: (803) 926-7929 - FAX: (803) 926-8412

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DRAWING NUMBER: **HIN-100146-101**  
 PROJECT: **2** OF **4** (NO. UNDER FILE)  
 TITLE: **CUSTOM 10'-1" HI LETTERSET**

CUSTOMER: **HOLIDAY INN**  
 LOCATION: **PORTLAND, ME**  
 DATE: **05-17-10** DRAWN BY: **CE** SCALE: **1/4" = 1'-0"**  
 APPROVED BY: **J. ONEAL** DATE: **05-17-10** VERIFY PRINT

REVISIONS

REV#	DATE	DESCRIPTION
A	CE 05-17-10	CREATED DRAWING

FINAL APPROVAL

ARTWORK VERIFICATION

THIS SIGN TO BEAR UNDERWRITERS LABEL

NOTE: THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN

**120 VOLTS**

NOTICE TO SIGN INSTALLER: THE VOLTAGE AT THIS SIGN MUST BE 120±6 VOLTS FOR THIS SIGN TO OPERATE PROPERLY

SPLICE CONNECTION BOX AND TRANSFORMER MUST NOT BE EXPOSED TO OUTSIDE WEATHER CONDITIONS

RETURNS TO BE .050" PRE-PAINTED GREEN, FASTENED TO BACKS USING ACCUCLINCH METHOD, AND TO HAVE RIVETED, NON VISIBLE SEAM

ALL SEAMS BETWEEN FACE AND BACK ARE TO BE CAULKED

FACES OF LETTERS TO BE (A1)

1/4" DIA. ALL THREADED ROD

1/4" NUTCERT

GE TETRA POWER WHITE GEWHPHS2-65K

ALL LETTERS TO HAVE 1/2IN PVC LIQUID TIGHT ELECTRICAL CONNECTOR(EMARLNMLT50)

2"x4" JUNCTION BOX

.090 THICK ALUMINUM BACKS

.080 THICK ALUMINUM BACKS PRE-PAINTED WHITE

GE TRANSFORMER: GECLPSPH

1" X 1" ALUMINUM ANGLE LIGHT SHIELD OVER (2) 1/4" DIA. WEEP HOLES PER LETTER

ALL LETTER TO HAVE (2) 1/4IN WEEPS HOLES AT EACH LOW POINT WITH LIGHT SHIELD COVER

FACES OF LETTERS TO BE SECURED WITH #8 TEK SCREWS AND PAINTED TO MATCH TRIM CAP

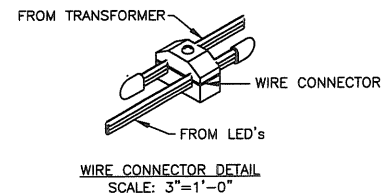
8"  
2 1/8"

(T1)

3/8" DIA. BOLT WITH NUT, FLAT, & LOCK WASHER

2 1/2"x2 1/2"x1/4"x3" LONG STEEL ANGLE (ASTM A36)

3/8" DIA. HILTI HAS ROD EMBEDDED IN HILTI HY 150 ADHESIVE A MIN. OF 3 1/2"

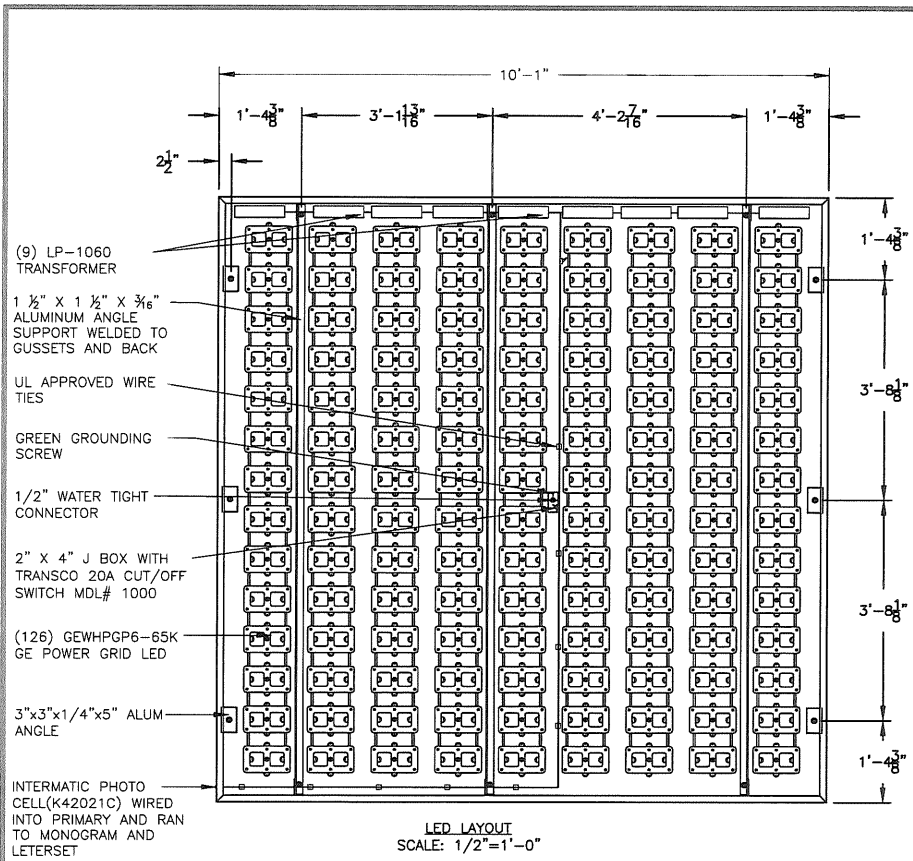


SECTION "B - B"  
SCALE: 3"=1'-0"

SPECIFICATIONS		PACKING LIST									
PAINT	VINYL	MATERIAL	QTY.	1	2	INSTALLER	MATERIAL	QTY.	1	2	INSTALLER
(P) MATTHEWS MP57451 SATIN FINISH MEDIUM GREEN	(V) 3M 7725-20 MATTE WHITE	LOGO CABINET	1				3/8" DIA. X 6" LONG ALL THREAD STUDS	50			
(P) MATTHEWS 282 500SP HR WHITE	DIGITAL PRINT	LETTERSET	1								
TRIMCAP	(V) DIGITAL DARK GREEN (MIRATEC)	1" DIA. BOLT	100				TOUCH-UP PAINT (P1)	1			
(P) TRANSLO CUSTOM #362 HI GREEN OR PAINTED TO MATCH (P1)	(V) CRYO ACRYLIC SQ BRK01 OR ARBSTECH CRSTEEL #144	1" NUTS	100								
		1" WASHERS	100								

NOTE: PLEASE FAX TO YOUR COLITE CONTACT WITHIN 24-48 HOURS TO VERIFY PRODUCT AND PACKING LIST ITEMS WERE RECEIVED IN TOTAL.  
 FAX # (803) 926-8412





NOTE: TO HAVE LEADS OUT OF MONOGRAM FOR LETERSSET WIRING. PRIMARY TO BE RAN FROM PHOTOCELL

SIGNCOMP SIGNTECH #NS SINGLE FILLER, OR EQUAL PAINTED (P)

SIGN COMP #2121 EXTENDED BLEED RETRO COVER OR EQUAL PAINTED (P)

SIGNCOMP #2104 FLAT BLEED RETRO FRAME, OR EQUAL

S.S. HINGE SCREW @ 18" C/C

DRILLED AND TAP 1/4" PLATE FOR LIFTING

1 1/2" X 1 1/2" X 3/16" ALUMINUM ANGLE WELDED TO FILLER AND VERTICAL ANGLE TOP AND BOTTOM

3M PANAGRAPHS FLEXIBLE FACE

FOR MAXIMUM REFLECTION INTERIOR TO BE PAINTED (P)

1 1/2" X 1 1/2" X 3/16" ALUMINUM ANGLE VERTICAL BRACE WELDED TO ALUMINUM ANGLE AND FILLER EACH END

.090 ALUMINUM BACK RIVETED TO FILLER EXTRUSION AND VERTICAL BRACES

3/8" DIA. BOLT WITH NUTS FLAT AND LOCK WASHERS

2 1/2"x2 1/2"x1/4"x3" LONG STEEL ANGLE

3/8" DIA. HILTI HAS ROD EMBEDDED IN HILTI HY 150 ADHESIVE A MIN. OF 3 1/2"

S.S. FLAT CLOSURE SCREW AS REQ'D

WEEP HOLES REQ'D

SECTION "A - A"  
SCALE: 3"=1'-0"



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DRAWING NUMBER  
**HIN-100146-101**  
SHEET 3 OF 4  
DATE 05-17-10  
DRAWN BY CE  
SCALE 1/4"=1'-0"  
TITLE  
**CUSTOM 10'-1" HI LETERSSET**  
CUSTOMER  
**HOLIDAY INN**  
LOCATION  
**PORTLAND, ME**

APPROVED BY  
**J. ONEAL**  
DATE  
**05-17-10**

REVISIONS  
DATE DESCRIPTION  
A CE 05-17-10 CREATED DRAWING

FINAL APPROVAL  
ARTWORK VERIFICATION

THIS SIGN TO BEAR UNDERWRITERS LABEL  
NOTE: THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN

**120 VOLTS**  
NOTICE TO SIGN INSTALLER. THE VOLTAGE AT THIS SIGN MUST BE 120±6 VOLTS FOR THIS SIGN TO OPERATE PROPERLY

SPlice CONNECTION BOX AND TRANSFORMER MUST NOT BE EXPOSED TO OUTSIDE WEATHER CONDITIONS

SPECIFICATIONS		PACKING LIST			
PAINT	VINYL	MATERIAL	QTY.	1/2" INSTALLER	2" INSTALLER
(P) MATTHEWS MP57451 SATIN FINISH MEDIUM GREEN	(V) 3M 7725-20 MATTE WHITE	LOGO CABINET	1		
(P) MATTHEWS 282 500SP HR WHITE	DIGITAL PRINT	LETTERSSET	1		
	(D) DIGITAL DARK GREEN (MIRATEC)	3" DIA. BOLT	100		
	TRIMCAP	3" NUTS	100		
(V) TRANSCO CUSTOM #362 HI GREEN OR PAINTED TO MATCH (P1)	(V) CRYO ACRYLIC 36 BRK01 OR ARISTECH ACRYLIC #146	3" WASHERS	100		

NOTE: PLEASE FAX TO YOUR COLITE CONTACT WITHIN 24-48 HOURS TO VERIFY PRODUCT AND PACKING LIST. ITEMS WERE RECEIVED IN TOTAL.  
FAX # (803) 926-8412





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DRAWING NUMBER:  
**HIN-100146-101**  
SHEET 4 OF 4 WORK ORDER NO. 34157  
TITLE: **CUSTOM 10'-1" HI LETTERSET**

CUSTOMER: **HOLIDAY INN**  
LOCATION: **PORTLAND, ME**  
DATE: **05-17-10** DRAWN BY: **CE** SCALE: **TEXT PRINT**  
APPROVED BY: **J. ONEAL** DATE: **05-17-10**

REVISIONS  
REV BY: DATE DESCRIPTION  
**A JCE 05-17-10 CREATED DRAWING**

FINAL APPROVAL

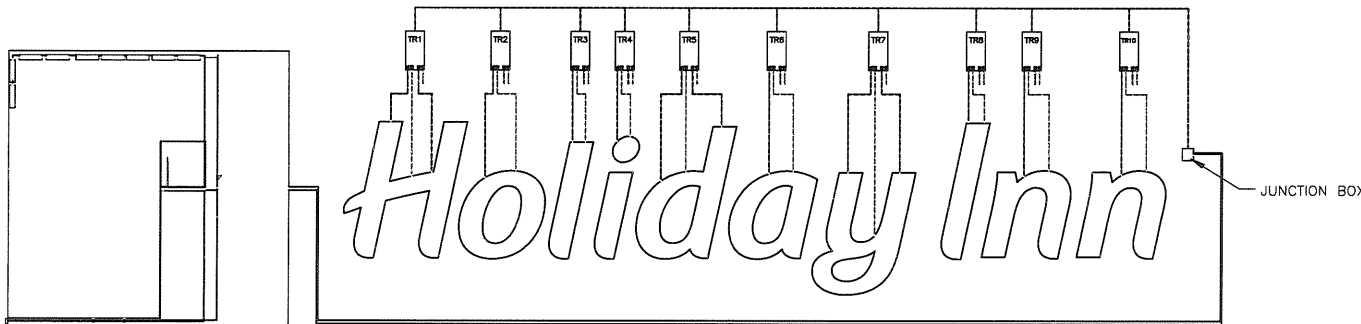
ARTWORK VERIFICATION

THIS SIGN TO BEAR UNDERWRITERS LABEL  
NOTE: THIS SIGN IS INTENDED TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ARTICLE 600 OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER APPLICABLE LOCAL CODES. THIS INCLUDES PROPER GROUNDING AND BONDING OF THE SIGN

**120 VOLTS**

NOTICE TO SIGN INSTALLER. THE VOLTAGE AT THIS SIGN MUST BE 120±6 VOLTS FOR THIS SIGN TO OPERATE PROPERLY

SPLICE CONNECTION BOX AND TRANSFORMER MUST NOT BE EXPOSED TO OUTSIDE WEATHER CONDITIONS



TRANSFORMER SCHEDULE																											
	H			O			L			I			DOT		D		A		Y		I		N		N		
GE LEDs - GEWPHS2-65K	17	17	17	17	14	2	17	13	6	8	17	17	17	16	17	17	13	17	5	17	14	17	14				
GE TRANSFORMER - GECLPSPH	TR. 1			TR. 2			TR. 3			TR. 4			TR. 5		TR. 6		TR. 7		TR. 8		TR. 9		TR. 10				
TRANSFORMER LEGs	1A	1B	1C	2A	2B	3A	3B	4A	4B	5A	5B	5C	6A	6B	7A	7B	7C	8A	8B	9A	9B	10A	10B				
Transformer has 4 Lead Out - LED Maximum per lead 17 (68) (Amps 1.50)																	LED COUNT: 326										

SPECIFICATIONS		PACKING LIST					
PAIN	VINYL	MATERIAL	QTY.	INSTALLER	MATERIAL	QTY.	INSTALLER
(1) MATTHEWS MP57451 SATIN FINISH MEDIUM GREEN	(V1) 3M 7725-20 MATTE WHITE	LOGO CABINET	1		3/8" DIA. X 6" LONG ALL THREAD STUDS	50	
(2) MATTHEWS 282 500SP HR WHITE	DIGITAL PRINT	LETTERSET	1				
	(D1) DIGITAL DARK GREEN (MIRATEC)	3/8" DIA BOLT	100				
	TRIMCAP	ACRYLIC	100				
(3) TRASCOD CUSTOM #382 HI GREEN OR PAINTED TO MATCH (P1)	(A1) CRYO ACRYLIC SG 89K01 OR ARISTECH ACRYLIC #146	3/8" NUTS	100		TOUCH-UP PAINT (P1)	1	
		3/8" WASHERS	100				



NOTE: PLEASE FAX TO YOUR COLITE CONTACT WITHIN 24-48 HOURS TO VERIFY PRODUCT AND PACKING LIST ITEMS WERE RECEIVED IN TOTAL.  
FAX # (803) 926-8412



HIN-100141-104  
 1 6 34157  
 CUSTOM P-25 MONUMENT

HOLIDAY INN  
 PORTLAND, ME  
 05-10-10 MH  
 APPROVED BY: J. ONEAL  
 DATE: 05-10-10

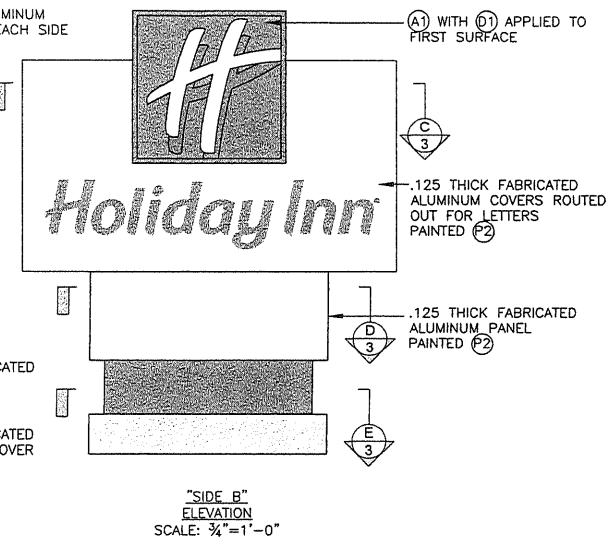
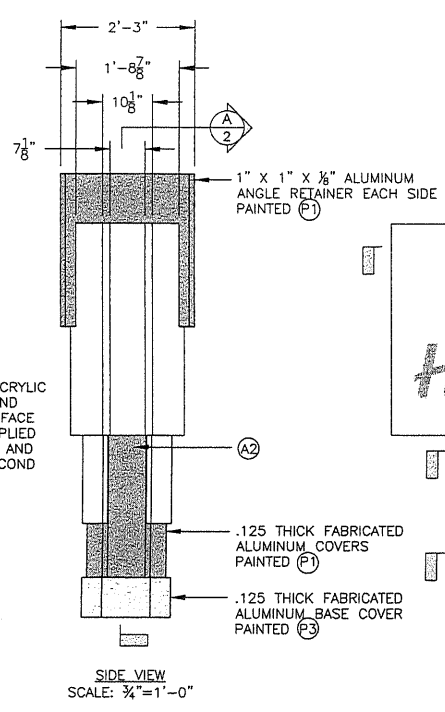
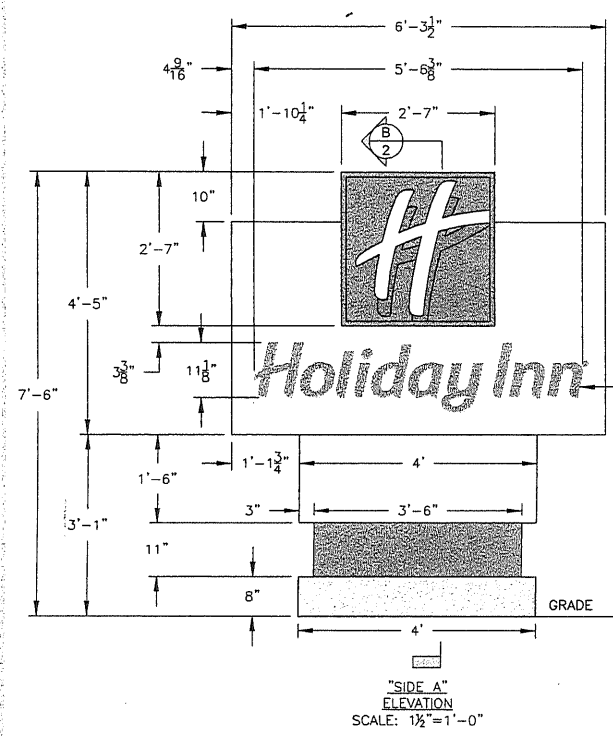
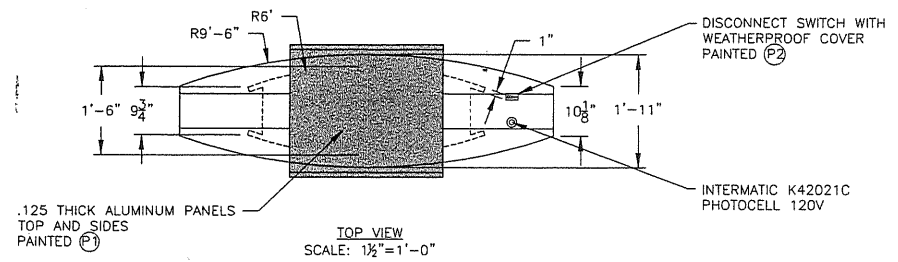
R 1MH 05-10-10 CREATED DRAWING

FINAL APPROVAL  
 ARTWORK VERIFICATION  
 XX XX-XX-XX  
 THIS SIGN TO BEAR  
 UNDERWRITERS LABEL

NOTE: THIS SIGN IS  
 INTENDED TO BE INSTALLED  
 IN ACCORDANCE WITH THE  
 REQUIREMENTS OF ARTICLE  
 600 OF THE NATIONAL  
 ELECTRICAL CODE AND/OR  
 OTHER APPLICABLE LOCAL  
 CODES. THIS INCLUDES  
 PROPER GROUNDING AND  
 BONDING OF THE SIGN

120 VOLTS  
 NOTICE TO SIGN INSTALLER.  
 THE VOLTAGE AT THIS SIGN  
 MUST BE 120±6 VOLTS FOR  
 THIS SIGN TO OPERATE  
 PROPERLY

SPLICE CONNECTION BOX AND  
 TRANSFORMER MUST NOT BE  
 EXPOSED TO OUTSIDE  
 WEATHER CONDITIONS



SPECIFICATIONS		PACKING LIST	
PAINT	VINYL	MATERIAL	QTY. / 1/2 INSTALLER
(P1) MATTHEWS MP97451, SATIN FINISH MEDIUM GREEN	(V1) 3M TRANSLUCENT GREEN	MONUMENT	1
(P2) MATTHEWS MP97556 SATIN FINISH WHITE	(V2) 3M #3635-30 (30% DIFFUSER)	3/8" DIA X 3/8" LONG HEX BOLTS	4
(P3) MATTHEWS 413425P BRUSHED ALUMINUM	ACRYLIC	1/2" NUTS	4
DIGITAL	(A1) 3/4" THICK ACRYLIC #2447	1/2" WASHERS	8
(D1) MIRATEC HI GREEN PRINTED	(B) 3/16" THICK CYRO ACRYLITE 50 69001 OR ARITECH ACRYLITE #6146	TOUGH-UP PAINT (P1, P2 & P3)	1

NOTE: PLEASE FAX TO YOUR COLITE CONTACT WITHIN 24-48 HOURS TO VERIFY PRODUCT AND PACKING LIST ITEMS WERE RECEIVED IN TOTAL.  
 FAX # (803) 926-8412



John D. Lafayette, III  
& Carla J. Lafayette  
Owners

- 1. Best Western White House Inn**  
Bangor, Maine
- 2. Best Western Black Bear Inn  
and Conference Center**  
Orono, Maine
- 3. Fireside Inn & Suites**  
Bangor, Maine
- 4. Best Western Waterville Inn**  
Waterville, Maine
- 5. Fireside Inn & Suites**  
Auburn, Maine
- 6. The Tugboat Inn**  
Boothbay Harbor, Maine
- 7. Best Western Merry Manor Inn**  
South Portland, Maine
- 8. Lafayette's Oceanfront Resort**
- 9. The Oxcart Lane Inn**  
Wells Beach, Maine
- 10. Waves Oceanfront Resort**
- 11. The Viking**
- 12. The Horizon**  
Old Orchard Beach, Maine
- 13. Fireside Inn & Suites**  
Gilford, New Hampshire
- 14. Boothbay Harbor Inn**  
Boothbay Harbor, Maine
- 15. A Fireside Inn & Suites**  
West Lebanon, New Hampshire
- 16. Wonder View Inn**  
Bar Harbor, Maine
- 17. Norseman Resort**  
Ogunquit, Maine
- 18. Ogunquit River Plantation**  
Ogunquit, Maine
- 19. Seacastles Resort**  
Ogunquit, Maine
- 20. Comfort Inn Ocean's Edge**  
Belfast, Maine
- 21. Bar Harbor Hotel-Bluenose Inn**  
Bar Harbor, Maine
- 22. Best Western Greenfield Inn**  
Allen Park, Michigan
- 23. Best Western Senator Inn & Spa**  
Augusta, Maine
- 24. Nordic Village Resort**  
Jackson, NH
- 25. Sea View Motel**  
Old Orchard Beach, Maine
- 26. Holiday Inn by the Bay**  
Portland, Maine
- 27. Holiday Inn West**  
Portland, Maine

*Managed under contract:*

- 28. Anchorage Inn Portsmouth**  
Portsmouth, New Hampshire
- 29. Anchorage Inn Rochester**  
Gonic, New Hampshire

May 7, 2010

Re: Holiday Inn by the Bay sign permit

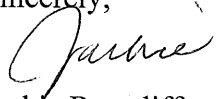
To Whom it Concerns:

Colite International & NeoKraft Signs have our permission to perform sign work at the Holiday Inn by the Bay.

Lafayette Portland, LLC owns the property and leases it to Lafayette Inn by the Bay, Inc. which operates the business. The address for both entities is 155 Littlefield Ave., Bangor, Maine 04401.

You can reach me at 207-862-8000 if you have any questions or if you need any other information.

Sincerely,



Jackie Rawcliffe, CFO  
Lafayette Hotels

RECEIVED MAY 10 2010



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
5/12/2010

PRODUCER (207) 947-7345 FAX:

Cross Insurance  
74 Gilman Road  
P.O. Box 1388  
Bangor ME 04401

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED  
Lafayette Hotels, Inc.  
Lafayette Inn By The Bay, Inc.  
155 Littlefield Ave.  
Bangor ME 04401

## INSURERS AFFORDING COVERAGE

NAIC #

INSURER A: Citizens Ins Co of America  
INSURER B:  
INSURER C:  
INSURER D:  
INSURER E:

31534

## COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR ADD'L LTR	INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A		<b>GENERAL LIABILITY</b>	ZBP818740205	11/1/2009	11/1/2010	EACH OCCURRENCE \$ 1,000,000
		<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
		<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ 5,000
		<input checked="" type="checkbox"/> <b>Liquor Liability</b>				PERSONAL & ADV INJURY \$ 1,000,000
		GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE \$ 2,000,000
		<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				PRODUCTS - COMP/OP AGG \$ 2,000,000
		<b>AUTOMOBILE LIABILITY</b>				<b>Liquor</b> \$1,000,000
		<input type="checkbox"/> ANY AUTO				COMBINED SINGLE LIMIT (Ea accident) \$
		<input type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per person) \$
		<input type="checkbox"/> SCHEDULED AUTOS				BODILY INJURY (Per accident) \$
		<input type="checkbox"/> HIRED AUTOS				PROPERTY DAMAGE (Per accident) \$
		<input type="checkbox"/> NON-OWNED AUTOS				
		<b>GARAGE LIABILITY</b>				AUTO ONLY - EA ACCIDENT \$
		<input type="checkbox"/> ANY AUTO				OTHER THAN EA ACC \$
						AUTO ONLY: AGG \$
		<b>EXCESS / UMBRELLA LIABILITY</b>				EACH OCCURRENCE \$
		<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE \$
		<input type="checkbox"/> DEDUCTIBLE				\$
		<input type="checkbox"/> RETENTION \$				\$
		<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>				WC STATUTORY LIMITS OTH-ER
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N				E.L. EACH ACCIDENT \$
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE \$
		<b>OTHER</b>				E.L. DISEASE - POLICY LIMIT \$

## DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

The certificate holder is named as additional insured but only with respect to liability caused by the operation of the named insured.  
Refer to policy for exclusionary endorsements and special provisions.

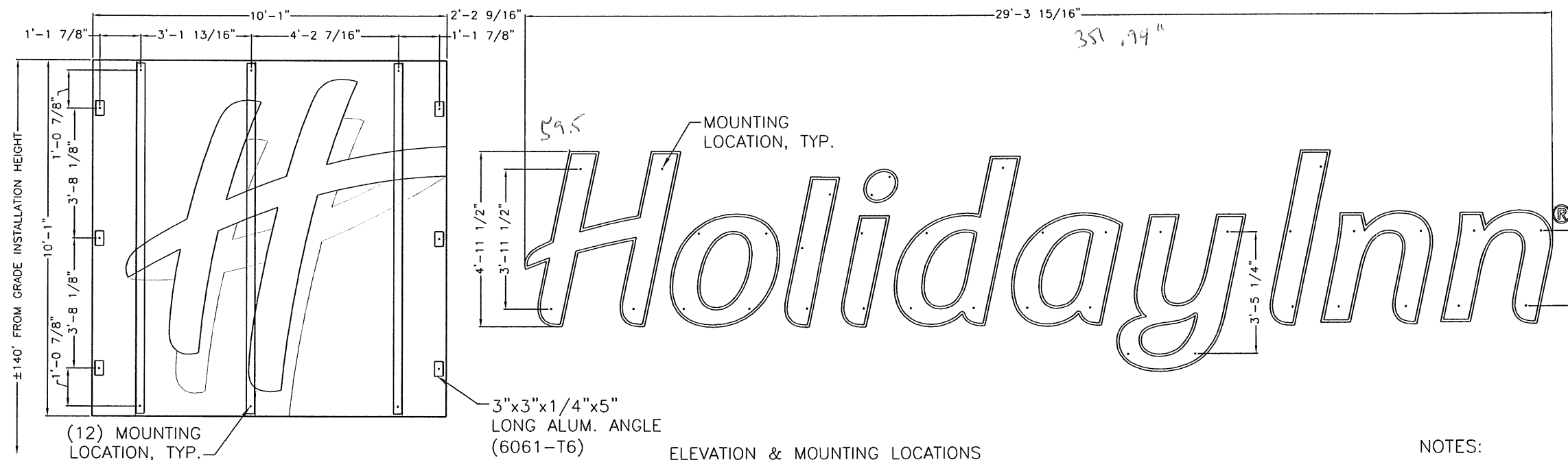
## CERTIFICATE HOLDER

City of Portland  
389 Congress Street  
Portland, ME 04101

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

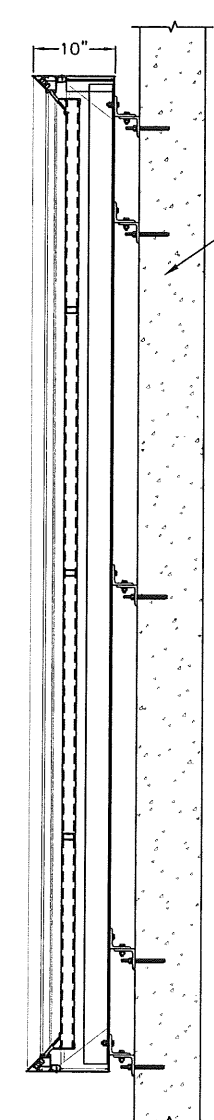
AUTHORIZED REPRESENTATIVE  
Kelley Neptune, AU,



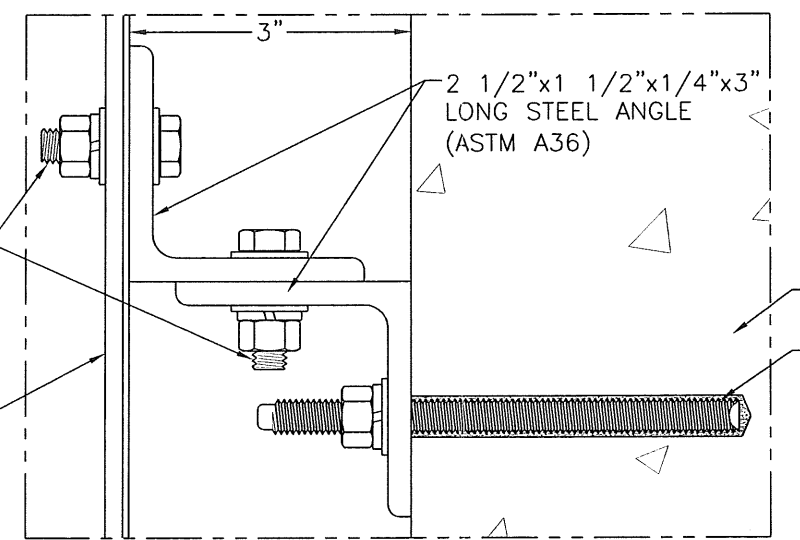
351.94 x 59.5 = 20942.43  
 145.42  
 121 x 121 = 101.67  
 101.67  
 145.42  
 247.09

ELEVATION & MOUNTING LOCATIONS

WALL CONSTRUCTION DEPICTED IS AS REPORTED BY CLIENT. SHOULD FIELD CONDITIONS VARY FROM WHAT IS SHOWN, CONTRACTOR SHALL CONTACT COLITE INTERNATIONAL FOR DIRECTION.

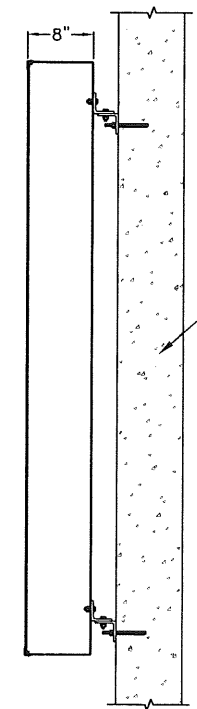


TYPICAL SECTION @ LETTERS

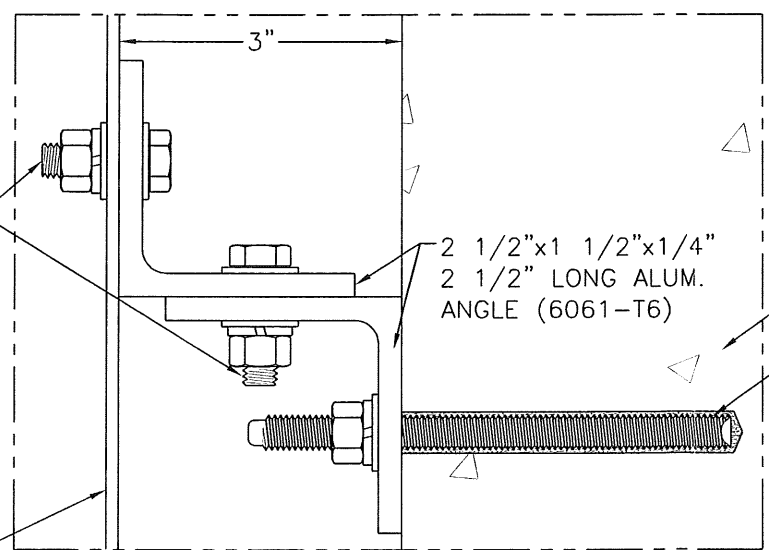


MOUNTING DETAIL @ LOGO

HILTI ANCHOR SYSTEM TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS.



TYPICAL SECTION @ LOGO



MOUNTING DETAIL @ LETTERS

NOTES:

- Design is based on 100 mph 3 second gust design wind speed per IBC 2003. Components & cladding, zone 5, exposure C.
- No additional wind catching surfaces are added to the building structure. The customer's building engineer is to determine the adequacy of the supporting structure.
- Letters and logo design by others. Electrical design by others.
- Max tension per fastener (logo): 410 lbs. Max shear per fastener (logo): 70 lbs. Max tension per fastener (letter): 145 lbs. Max shear per fastener (letter): 15 lbs.
- All fasteners shall be zinc coated to prevent corrosion.
- All wall penetrations shall be sealed to prevent water intrusion.
- This design is intended to be installed at the address shown below and should not be used at other locations unless deemed suitable by a competent Professional Engineer.

NOTE: All designs and plans indicated on this drawing are the sole property of GREGORY A. CAMPBELL, P.E., created specifically for the noted project. Use of these designs or plans for any purpose other than the intended application shall be prohibited without the written consent of GREGORY A. CAMPBELL, P.E. Disclosure of any of the information enclosed within, without consent of owner, is a violation of intellectual property and shall not be tolerated.

INSTALLATION ADDRESS:

HOLIDAY INN  
 88 SPRING STREET  
 PORTLAND, ME 04101

CLIENT:

**COLITE**  
 INTERNATIONAL LTD.  
 5 TECHNOLOGY CIRCLE  
 COLUMBIA, SC 29203  
 PHONE: (803) 926-7926

**GREGORY A. CAMPBELL, P.E.**

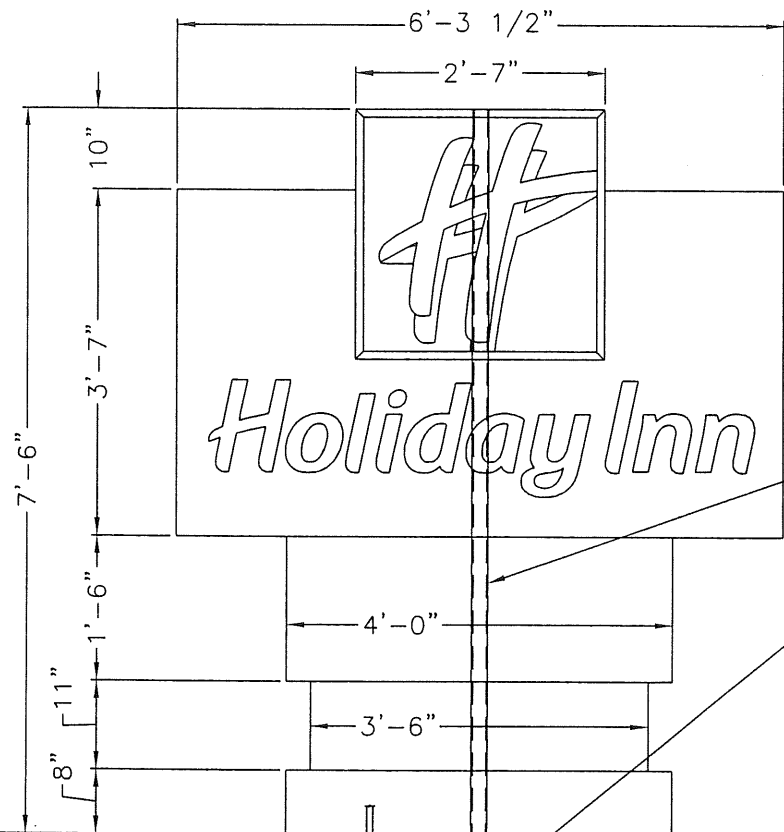
9051 Executive Park Dr.-Ste. 200 • Knoxville, Tennessee • 37923  
 (865) 539-4001 • fax:(865) 539-0851

SHT.	1	BY:	JBL	Project Number:	10-0388
OF	1	DATE:	05/11/10	Drawing Number:	B139391

*Gregory A. Campbell*  
 5-11-10



53' x 75.5 = 3779



CABINET &  
CLADDING DESIGN  
BY OTHERS

ELECTRICAL DESIGN  
BY OTHERS

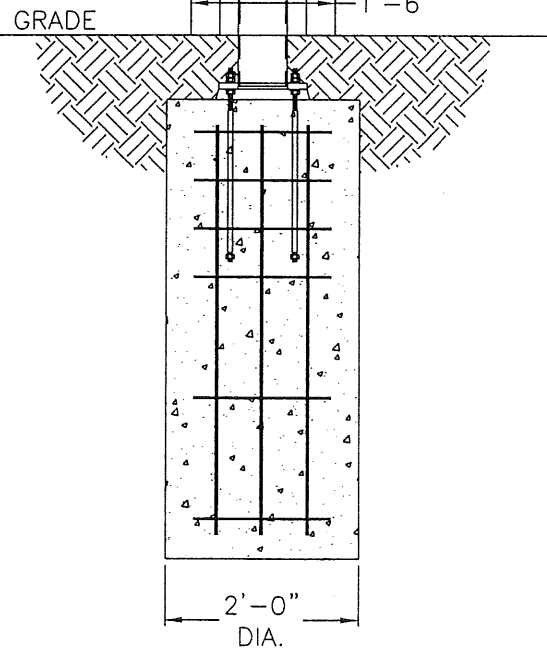
6"x2"x3/16"  
STEEL TUBE

5/8" DIA. x 24"  
LONG ANCHOR  
BOLT (4 REQ'D)

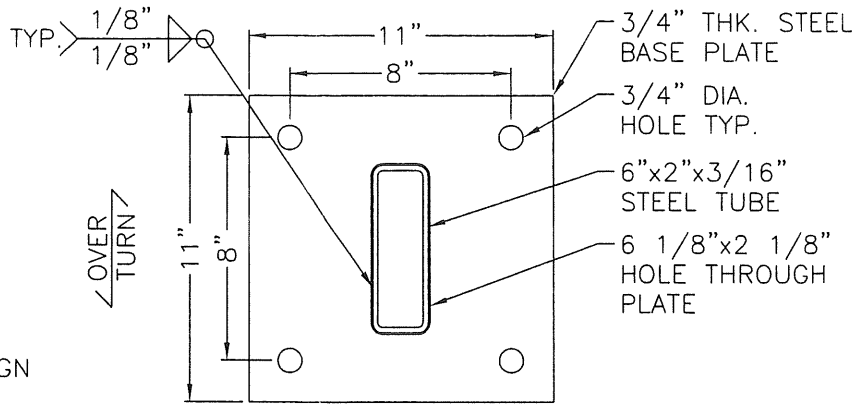
(5) #4 BARS ON A  
16" PATTERN WITH  
(4) #3 STIRRUPS @  
6" O.C. AT TOP 18"  
THEN, 15" O.C.  
THEREAFTER

0.55 CU YDS. OF  
CONC. REQ'D.

ELEVATION

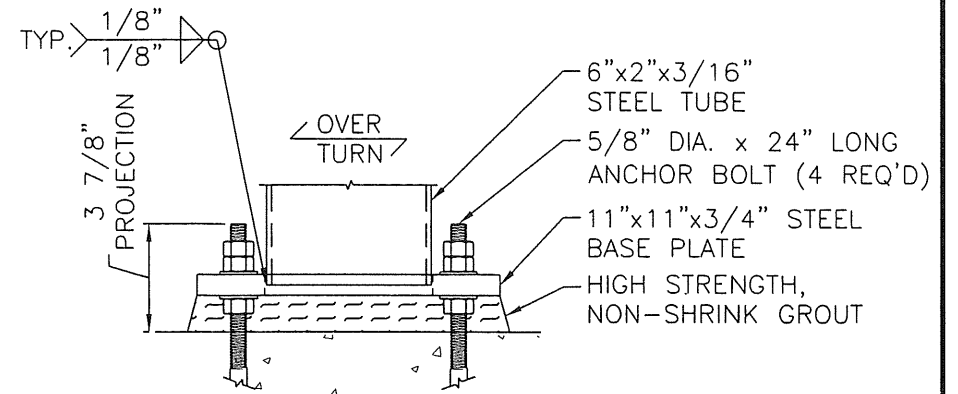


SIDE VIEW

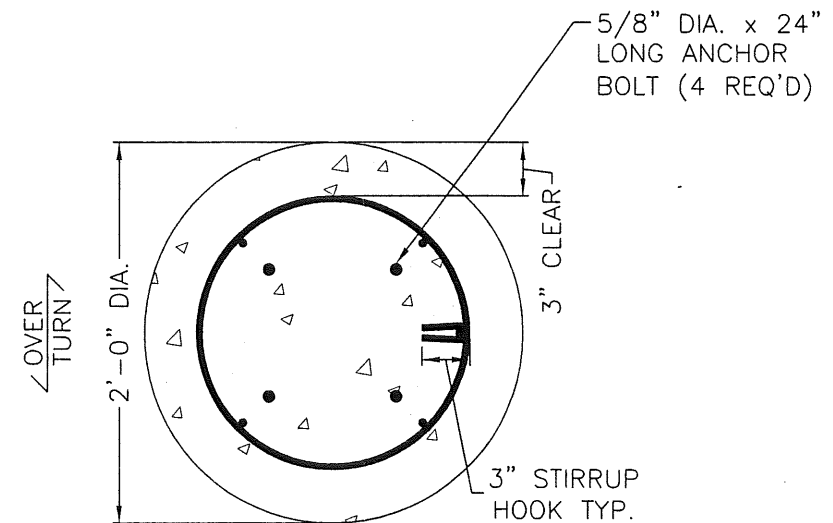


BASE PLATE DETAIL

PARTICULAR CARE SHALL BE  
TAKEN TO PROVIDE SUFFICIENT  
PREHEAT OF THE THICKER  
ELEMENT FOR THE SOUNDNESS  
OF THE WELD. OTHERWISE, USE  
1/4" MIN. WELD.



ANCHOR BOLT PROJECTION DETAIL



SECTION A-A

NOTE: All designs and plans indicated on this drawing are the sole property of GREGORY A. CAMPBELL, P.E., created specifically for the noted project. Use of these designs or plans for any purpose other than the intended application shall be prohibited without the written consent of GREGORY A. CAMPBELL, P.E. Disclosure of any of the information enclosed within, without consent of owner, is a violation of intellectual property and shall not be tolerated.

INSTALLATION ADDRESS:

HOLIDAY INN  
88 SPRING ST  
PORTLAND, ME 04101

CLIENT:



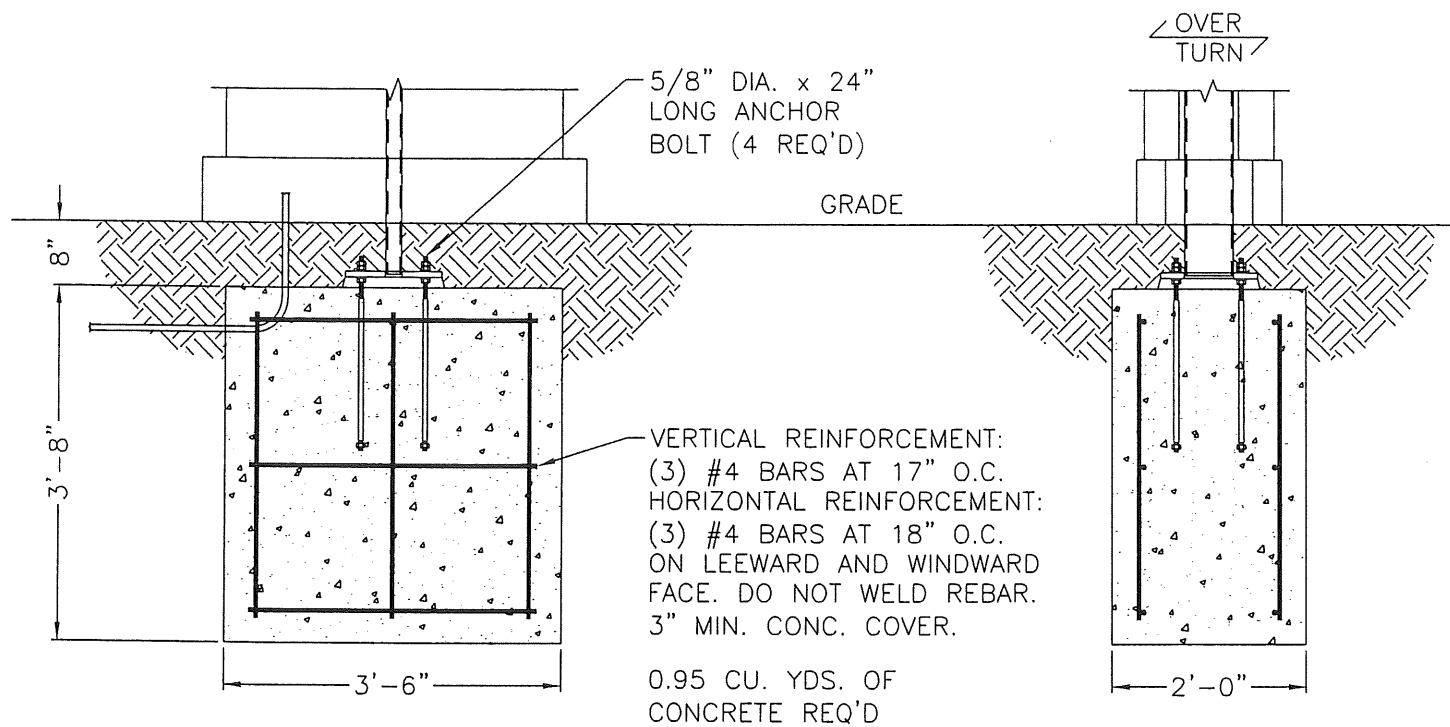
**COLITE**  
INTERNATIONAL LTD.  
5 TECHNOLOGY CIRCLE  
COLUMBIA, SC 29203  
PHONE: (803) 926-7926

**GREGORY A. CAMPBELL, P.E.**

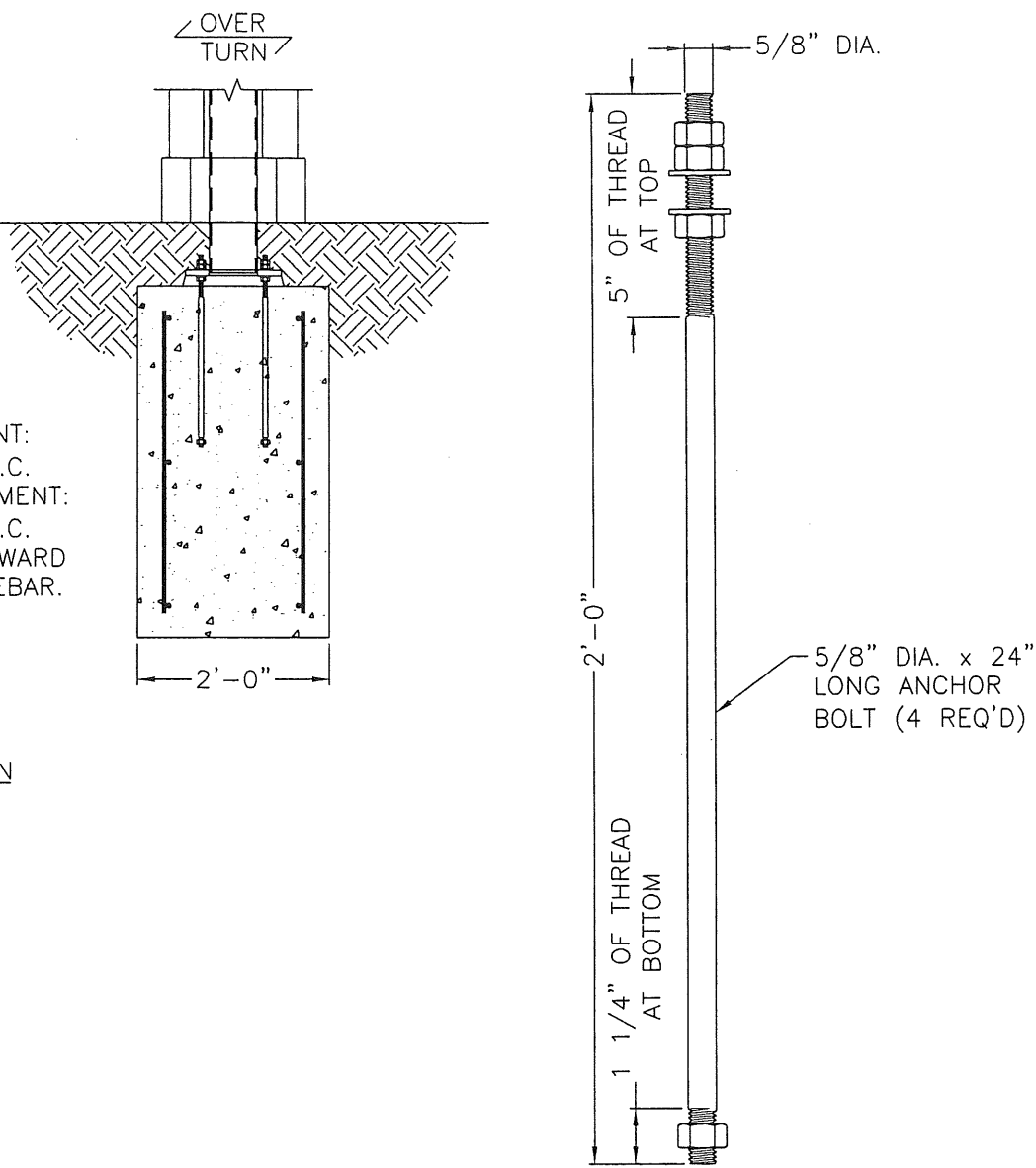
9051 Executive Park Dr.-Ste. 200 • Knoxville, Tennessee • 37923  
(865) 539-4001 • fax:(865) 539-0851

SHT.	1	BY:	HMA	Project Number:	10-0388R
OF	3	DATE:	05/25/10	Drawing Number:	B139392

*Gregory Campbell*  
5-26-10



VERTICAL SLAB FOUNDATION



ANCHOR BOLT DETAIL

NOTES:

1. Design is based on 100 mph 3 sec gust design wind speed per IBC 2003. Exposure C.
2. Foundation is based on a safe lateral soil bearing pressure minimum of 300 psf per foot of depth. Soil report was not furnished. Allowable bearing pressure should be verified prior to placement of concrete. Do not place foundation in fill.
3. Concrete shall be mixed to attain a minimum compressive strength of 3000 psi in 28 days.
4. Support member shall be free from defects and shall meet ASTM A500 grade B with a minimum yield strength of 46000 psi for tube. Plate and angle shall meet ASTM A36.
5. Structural bolts shall be galvanized A307 unless otherwise noted.
6. Welds shall be made with E70xx electrodes by persons qualified in accordance with AWS standards within the past two years.
7. Steel reinforcing bars shall conform to ASTM 615 grade 60 with deformations in accordance with ASTM A-305. Welding of reinforcing bars is prohibited.
8. This design is intended to be installed at the address shown below and should not be used at other locations unless deemed suitable by a competent Professional Engineer.

NOTE: All designs and plans indicated on this drawing are the sole property of GREGORY A. CAMPBELL, P.E., created specifically for the noted project. Use of these designs or plans for any purpose other than the intended application shall be prohibited without the written consent of GREGORY A. CAMPBELL, P.E. Disclosure of any of the information enclosed within, without consent of owner, is a violation of intellectual property and shall not be tolerated.

INSTALLATION ADDRESS:

HOLIDAY INN  
88 SPRING ST  
PORTLAND, ME 04101

CLIENT:



**COLITE**  
INTERNATIONAL LTD.  
5 TECHNOLOGY CIRCLE  
COLUMBIA, SC 29203  
PHONE: (803) 926-7926

**GREGORY A. CAMPBELL, P.E.**

9051 Executive Park Dr.-Ste. 200 • Knoxville, Tennessee • 37923  
(865) 539-4001 • fax:(865) 539-0851

SHT.	2	BY:	HMA	Project Number:	10-0388R
OF	3	DATE:	05/25/10	Drawing Number:	B139392

*Gregory A. Campbell*  
5-26-10

PROJECT # 10-0388R  
 May 25, 2010  
 DRAWING# B139392  
 WIND LOAD 24.24 PSF  
 WIND SPEED 100 MPH  
 # COLUMNS 1 IBC 2003  
 ENGINEER HMA  
 OWNER HOLIDAY INN  
 88 SPRING ST  
 PORTLAND, ME 04101  
 CLIENT: COLITE INTERNATIONAL LTD.  
 5 TECHNOLOGY CIRCLE  
 COLUMBIA, SC

ITEM	HEIGHT	WIDTH	SHAPE FACTOR	CENTROID HEIGHT	AREA	TOTAL FORCE	MOMENT
SIGN	0.833	2.583	1.000	0.458	2.153	0.052	0.024
SIGN	3.583	6.292	1.000	1.971	22.545	0.599	1.288
CLADDING	1.500	4.000	1.000	0.825	6.000	0.744	2.306
BASE	0.917	3.500	1.000	0.504	3.208	0.822	3.027
BASE COVER	0.667	4.000	1.000	0.367	2.667	0.887	3.599
SUBGRADE	0.667			0.333	0.000	0.887	4.190
CAH	7.500						

COLUMN STRESSES (CODES P-PIPE-O-OTHER-T-TUBES)

ITEM	MOMENT	Sxx REQ'D	COLUMN DEPTH	COLUMN WALL	bx COLUMN	Sxx COLUMN	ACTUAL STRESS	ALLOWABLE STRESS
T SIGN	0.024	0.009	6X2	0.188	10.5	3.49	0.082	30.360
T SIGN	1.288	0.509	6X2	0.188	10.5	3.49	4.429	30.360
T CLADDING	2.306	0.911	6X2	0.188	10.5	3.49	7.929	30.360
T BASE	3.027	1.197	6X2	0.188	10.5	3.49	10.409	30.360
T BASE COVER	3.599	1.422	6X2	0.188	10.5	3.49	12.374	30.360
T SUBGRADE	4.405	1.741	6X2	0.188	10.5	3.49	15.148	30.360

BOLT CALCULATIONS

ITEM	MOMENT	BOLT SPACING	BOLTS/FLATE	TENSION BOLT	BOLT DIAM	ALLOW STRESS	ALLOWABLE TENSION
BASE FL	4.405	8.000	4.000	3.304	0.625	19.100	5.860

FLATE CALCULATIONS

ITEM	TENSION BOLT	MOMENT ARM	MOMENT FLATE	FLATE WIDTH	FLATE DEPTH	FLATE THICK	MINIMUM THICK
BASE FL	3.304	3.250	10.738	5.938	12.000	0.750	0.634

ANCHOR BOLT PROJECTION 3.875  
 ANCHOR EMBEDMENT 10.517  
 ANCHOR BOLT MIN LENGTH 15.000  
 USE 24" LONG


VERTICAL SLAB  
 MOMENT 4.405 FT-KIP  
 FORCE 0.887 KIP  
 REFERENCE IBC 1805.7.2 & TABLE 1804.2  
 ASSUME SOIL CLASS #4 SW, SP, SM, SC, GM & GC  
 LATERAL BEARING PRESSURE - PSF/FT OF DEPTH 150.0 PSF/FT  
 S1 366.7  
 SLAB DEPTH (d) 3.667 FT.  
 SLAB WIDTH (b) 3.500 FT.  
 SLAB THICKNESS 2.000 FT.  
 AVERAGE HEIGHT (h) 4.969 FT.  
 A = 2.34 \* FORCE / (S1 \* b) 1.403  
 CALCULATED DEPTH 3.547 FT.  
 MINIMUM THICKNESS WITHOUT REBAR 8.239 IN  
 SQRT((M \* 12 \* 16 \* 1.7 \* 75) / (178 \* 12 \* WIDTH))  
 ACTUAL THICKNESS 24.000 IN  
 CONCRETE 0.951 CU YD  
 EXCAVATION 0.951 CU YD

CAISSON  
 MOMENT 4.405 FT-KIP  
 FORCE 0.887 KIP  
 REFERENCE IBC 1805.7.2 & TABLE 1804.2  
 ASSUME SOIL CLASS #4 SW, SP, SM, SC, GM & GC  
 LATERAL BEARING PRESSURE - PSF/FT OF DEPTH 150.0 PSF/FT  
 S1 475.0  
 DEPTH 4.750 FT.  
 DIAMETER 2.000 FT.  
 4.969 FT.  
 2.184 FT.  
 CALCULATED DEPTH 4.700 FT.  
 MINIMUM THICKNESS WITHOUT REINFORCEMENT 18.948 IN  
 ACTUAL DIAMETER 24.000 IN  
 CONCRETE 0.553 CU YD  
 EXCAVATION 0.553 CU YD

NOTE: All designs and plans indicated on this drawing are the sole property of GREGORY A. CAMPBELL, P.E., created specifically for the noted project. Use of these designs or plans for any purpose other than the intended application shall be prohibited without the written consent of GREGORY A. CAMPBELL, P.E. Disclosure of any of the information enclosed within, without consent of owner, is a violation of intellectual property and shall not be tolerated.

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 5/26/10

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SHT.	3	BY:	HMA	Project Number:	10-0388R
OF	3	DATE:	05/25/10	Drawing Number:	B139392