

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT



**This is to certify that**

UNIVERSITY OF NEW ENGLAND /N G Bailey INC

**Located at**

714 STEVENS AVE

**PERMIT ID:** 2013-00355

**CBL:** 145 A003001

has permission to **In Proctor Hall - Install / Construct raised floor in computer room**  
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 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 procured prior to occupancy.

A handwritten signature in black ink, appearing to be 'AR' or similar initials, written over the signature line.

**Fire Prevention Officer**

**Code Enforcement Officer / Plan Reviewer**

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY  
THERE IS A PENALTY FOR REMOVING THIS CARD**

**PERMIT ID:** 2013-00355

**Located at:** 714 STEVENS AVE

**CBL:** 145 A003001

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

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

Permit No: 2013-00355	Issue Date:	CBL: 145 A003001
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Location of Construction: 714 STEVENS AVE	Owner Name: UNIVERSITY OF NEW ENGLAND	Owner Address: 11 HILLS BEACH RD BIDDEFORD, ME 04005	Phone:
Business Name: University of New England	Contractor Name: N G Bailey INC	Contractor Address: 2 Bailey Dr Gray ME 04035	Phone: (207) 657-3200
Lessee/Buyer's Name	Phone:	Permit Type: Alterations - Commercial	Zone: R5
Past Use: University	Proposed Use: Same: University	Permit Fee: \$170.00	Cost of Work: \$15,000.00
Proposed Project Description: In Proctor Hall - Install / Construct raised floor in computer room		FIRE DEPT: 3/28/13 <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	INSPECTION: Use Group: Type:
		Signature: <i>[Signature]</i> (58) Signature: <i>[Signature]</i> (IBC, 2009 MUREC)	
		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: LDOBSON	Date Applied For: 02/21/2013	<b>Zoning Approval</b>
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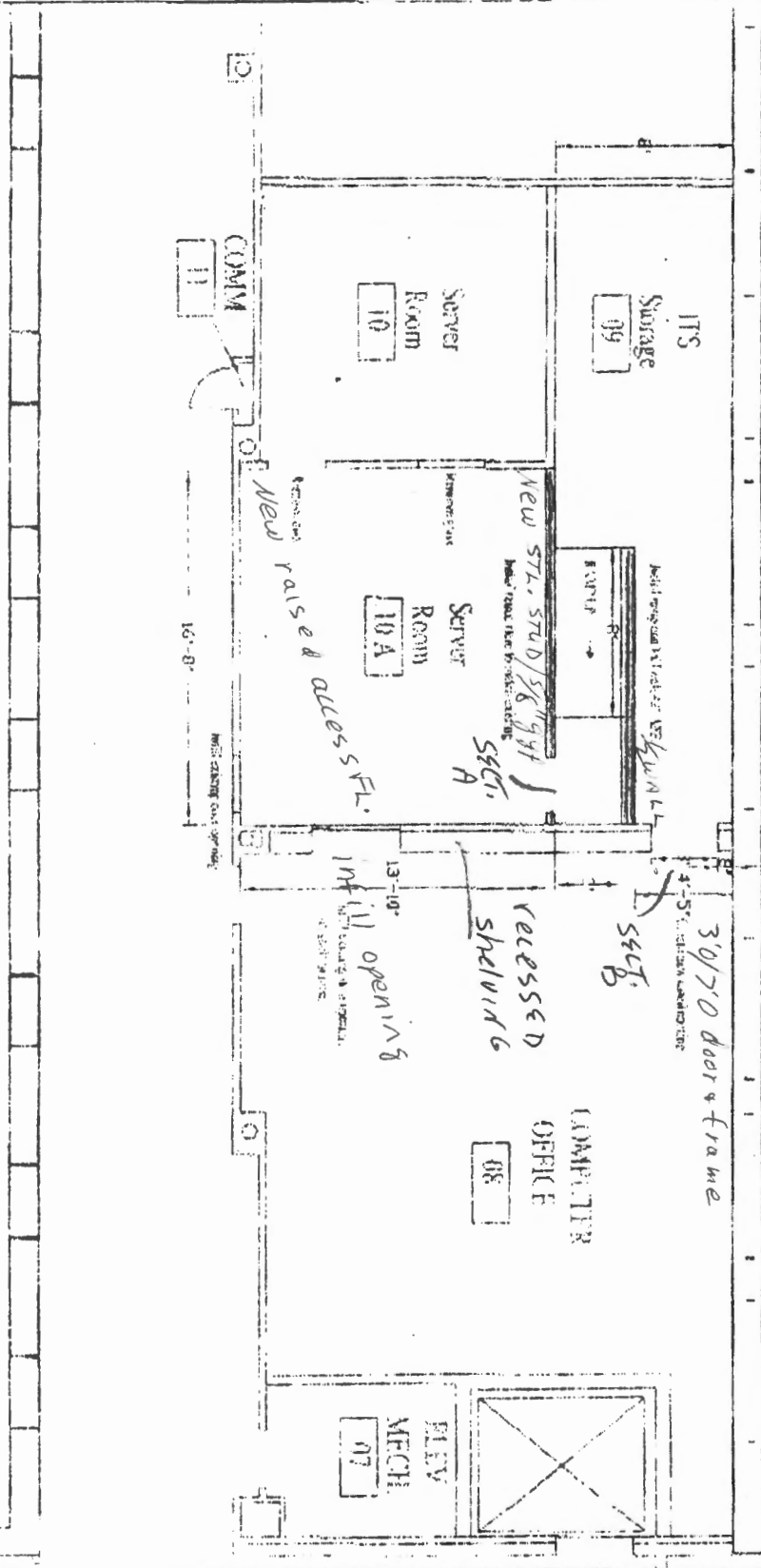
- This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
- Building permits do not include plumbing, septic or electrical work.
- Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> <i>ok with conditions</i> Date: <i>5/2/2/11/7</i>	<b>Zoning Appeal</b> <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date:	<b>Historic Preservation</b> <i>With</i> <input 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 <i>Any exterior work requires a separate review &amp; approval</i> Date:
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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



UNIVERSITY OF  
NEW ENGLAND

UNIVERSITY OF NEW ENGLAND  
DEPARTMENT OF CAMPUS SERVICES

DRAWING	Proctor Hall		
NUMBER	Server Room Reno.		
DATE	02/2/13	BY	A. Thibault

UNIVERSITY of New ENGLAND  
ALAN THIBEAULT - 602-2253

### Fire Department requirements.

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) *RENOVATION of computer room*
- Square footage of proposed structure (total and per story) - *230 sq. ft.*
- 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](http://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.**



# General Building Permit Application

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

Location/Address of Construction: <u>UNE, 716 STEVENS AVE., PORTLAND - PROCTOR HALL</u>		
Total Square Footage of Proposed Structure/Area <u>230 sq. ft.</u>		Square Footage of Lot _____
Tax Assessor's Chart, Block & Lot Chart# <u>145</u> Block# <u>A</u> Lot# <u>3</u>	Applicant * <b>must be owner, Lessee or Buyer</b> * Name <u>University of New England</u> Address <u>11 Hills Beach Rd</u> City, State & Zip <u>Biddeford, 04005</u>	Telephone: <u>602-2253</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name _____ Address _____ City, State & Zip _____	Cost Of Work: \$ <u>15,000</u> C of O Fee: \$ _____ Total Fee: \$ <u>170</u>
Current legal use (i.e. single family) _____ If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>INTERIOR RENOVATION TO CONSTRUCT raised floor computer room.</u>		
Contractor's name: <u>N. G. BAILEY, INC.</u> Address: <u>2 BAILEY DRIVE</u> City, State & Zip <u>GRAY, ME 04039</u> Telephone: <u>657-3200</u> Who should we contact when the permit is ready: <u>Neil BAILEY</u> Telephone: <u>657-3200</u> Mailing address: <u>SAME</u>		

27051

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

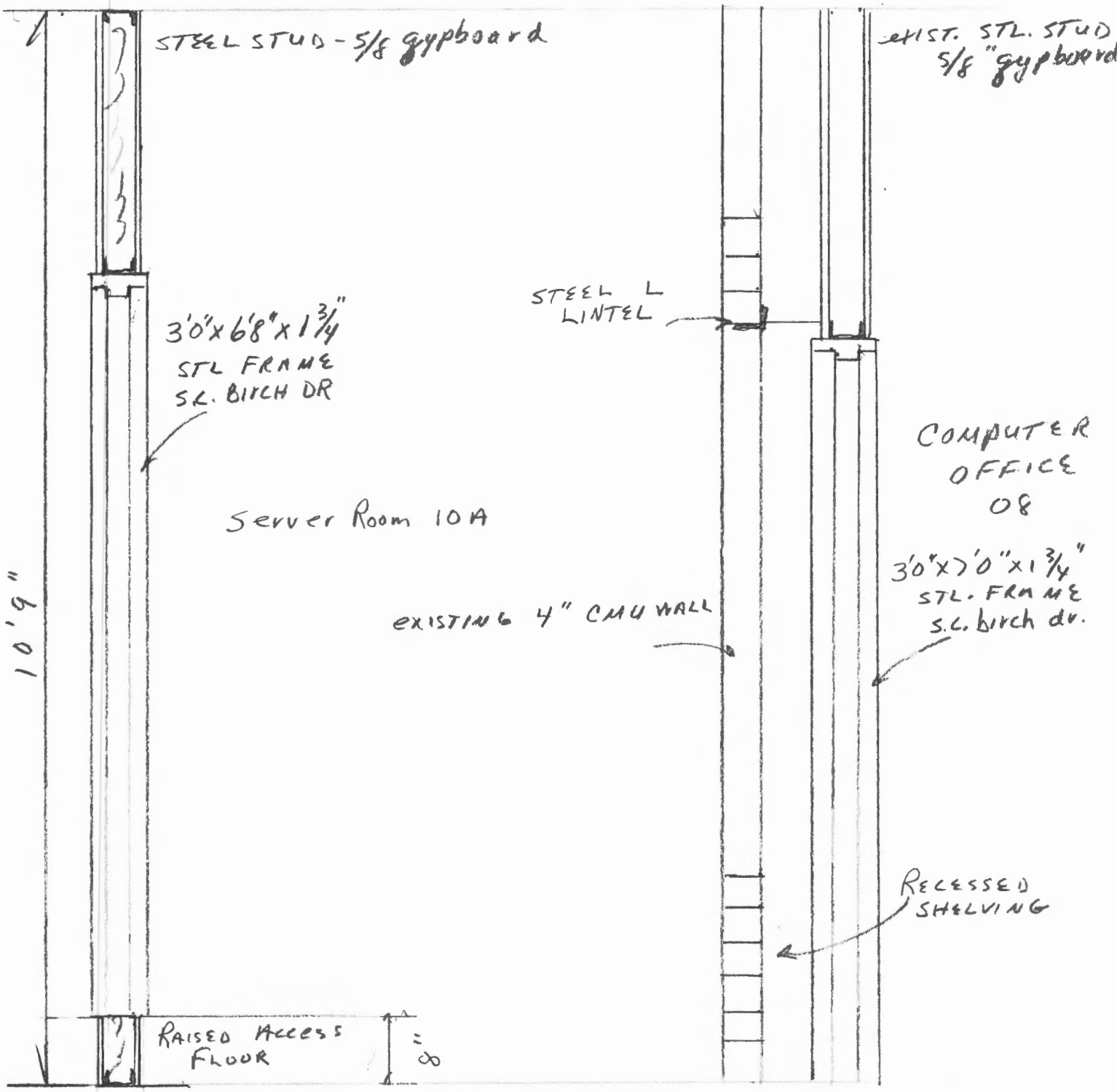
RECEIVED  
FEB 21 2013  
City of Portland, Maine  
Inspections

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](http://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: 2-20-13

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



SECTION A

SECTION B

# Drywall Frames

# CURRIES

www.curries.com

CURRIES drywall frames are available in 18, 16, or 14 gauge cold-rolled steel. These frames are manufactured to provide clean, sharp lines, rigid corner construction, and fine miter lines on all joints. They are designed to go into an opening after the wall is up, and they are available to accommodate practically any wall thickness. Frames receive a factory baked-on coat of rust inhibitive primer, and are also available with factory baked-on enamel. (Request our paint selector card.) They can be used in drywall construction using steel studs, wood studs, or laminated boards. Frames are available for either 1-3/8" (35) or 1-3/4" (44) thick doors.

- Narrow Face Frames-CURRIES offers pre-engineered, knock-down (KD) drywall frames with face dimensions of 1-1/2" (38) or 1-3/4" (44).
- Frame Sizes-Available to match door sizes, in any combination of singles or pairs. Non-standard width or height frames are available on special order. Double-rabbit profiles are available with 4" (102) face heads.

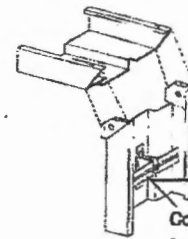
## CM Series Frames

Frames shall be CM Series as manufactured by CURRIES of Mason City, Iowa. Frames are to be fabricated of either cold rolled or galvanized steel (as specified) of either 18, 16, or 14 gauge. Frames shall be welded corner construction, double return back bend (to prevent cutting into the wallboard). Frames shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of baked on prime paint. Frames are to be reinforced only for surface mounted hardware, with drilling and tapping to be done in the field by others. Metal plaster guards are to be provided for all mortise cutouts. Minimum requirements for hardware reinforcements are to be as follows: Hinge Reinforcing-7 gauge, Lock Strike Reinforcing-14 gauge conforming to template requirements and closer reinforcing-14 gauge.

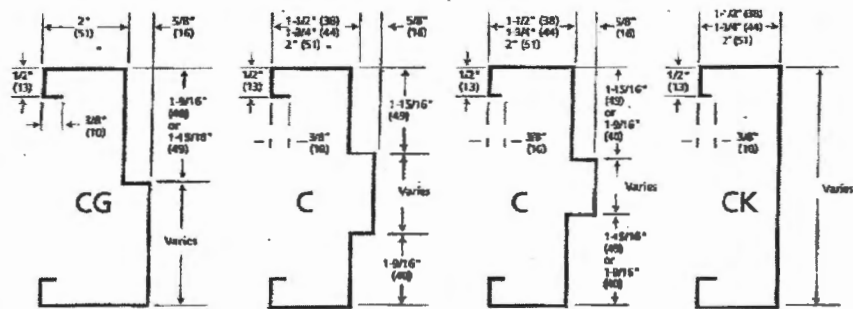
## C Series Drywall Frames

Frames shall be C Series as manufactured by CURRIES of Mason City, Iowa. Frames are to be fabricated of either cold rolled or galvanized steel (as specified) of either 18, 16, or 14 gauge. Frames shall be knock-down, double return back bend (to prevent cutting into the wall) flush hairline seam miter at the corner of the head and the jamb, and the corner reinforced with a concealed clip. Each jamb is to have one compression anchor to securely hold the frame between the studs and maintain proper alignment. Frames shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of baked on prime paint. Frames are to be reinforced only for surface mounted hardware, with drilling and tapping to be done in the field by others. Minimum requirements

for hardware reinforcements are to be as follows: Hinge Reinforcing-7 gauge, Lock Strike Reinforcing-14 gauge conforming to template requirements and closer reinforcing-14 gauge.



Compression anchor for positive plumb alignment



DRYWALL KD  
Gauge 18-16  
Jamb depth 3" (76)  
through 14" (356)

DRYWALL KD  
Gauge 18-16-14"  
Unequal rabbit  
Jamb depth 4-1/2" (114)  
through 14" (356)

DRYWALL KD  
Gauge 18-16-14"  
Unequal rabbit  
Jamb depth 5-1/2" (140)  
through 14" (356)

DRYWALL KD  
Gauge 18-16-14"  
Jamb depth 3" (76)  
through 14" (356)

\* 14 Gauge 2" face only

## C Frame Installation Details

For Over-The Wall Knock-Down (KD) Drywall Frames:

NOTE: It is particularly important that the overlapping of steel vertical and horizontal studs be avoided, since this produces oversized walls. This, in turn, could create significant installation problems when drywall frames are used.

1. Construct the wall with a rough opening height equal to the finished opening height plus 3/4" (19) to 1" (25) maximum. A rough opening width is as follows:

- For 2" (51) face frames-opening width plus 2-1/8" (54) to 2-3/8" (60).
- For 1-3/4" (38) and 1-1/2" (44) face frames-opening width plus 2" (51).

2. If a wrap around (optional) base anchor is used, notch the drywall in that area.

3. Retract the compression bars in the jambs and install one jamb in position on the wall.

4. Insert the frame head under the corner clips of the jamb and raise into position.

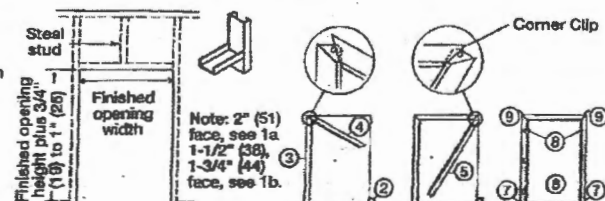
5. Insert the corner clips of the remaining jamb into the opposite end of the head and position the jamb on the wall.

6. Locate a removable frame spacing bar at the base of the centered frame to maintain proper opening width during the installation.

7. Square and plumb the frame, and install the base anchor screws through the countersink holes in the frame face and into the floor plate.

8. Square the top of the frame, and tighten compression bars by turning the screws counterclockwise. (Do not over tighten).

9. Install (4) No. 8 x 1/2" (13) sheet metal screws at the corners of the head to attach the head to the jambs. (Required for UL rated frames).



## Compliance

ASTM B117—Standard practice of operating salt spray (fog) apparatus.

ASTM C236—Test for thermal conductance and transmittance of built-up sections by means of the guarded hot box.

ASTM D610—Test method for evaluating degree of rusting on painted steel surfaces.

ASTM D714—Test method for evaluating degree of blistering of paints.

ASTM D1186—Standard test methods for non-destructive measurement of dry film thickness of non-magnetic coatings applied to a ferrous base.

ASTM D1735—Practice for testing water resistance of coatings using water fog apparatus.

ASTM D3359—Test method for measuring adhesion by tape test (paint).

ASTM E90—Standard test method for laboratory measurement of airborne sound transmission loss of building partitions and elements.

ASTM E283—Test method for determining the rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen.

ASTM E413—Classification for rating sound transmission.

ASTM E330—Standard test method for structural performance of exterior windows, curtain walls, and doors by uniform static air pressure difference.

ASTM E1886—Performance of exterior windows, curtain walls, doors, and storm shutters impacted by missiles and exposed to cyclic pressure differentials.

ASTM E1996—Performance of exterior windows, curtain walls, doors, and storm shutters impacted by windborne debris in hurricanes.

## Foam Core Standards— Polystyrene/Polyisocyanurate

ASTM C563—Specification for mineral fiber blanket thermal insulation for commercial and industrial applications.

ASTM C578—Specification for preformed, block-type cellular polystyrene thermal insulations.

ASTM C591—Specification for unfaced preformed rigid cellular polyisocyanurate thermal insulation.

## Steel & Galvanizing Standards

ASTM A1008—Standard specification for steel, sheet, cold rolled, carbon, structural, high-strength low-alloy and high-strength low-alloy with improved formability.

ASTM A568—Specification for steel, carbon, high strength, low-alloy hot-rolled strip, and cold-rolled sheet, general requirements.

ASTM A1011—Standard specification for steel, sheet and strip, hot-rolled, carbon, structural, high strength low-alloy and high strength low-alloy with improved formability.

ASTM A653—Specifications for steel sheet, zinc-coated (galvanized) or zinc iron alloy-coated (galvannealed) by the hot-dip process.

ASTM A624—General requirements for steel sheet metallic coated by the hot-dip process.

## Hollow Metal Industry Standards

HMMA 861—Specifications for commercial hollow metal doors and frames.

HMMA 862—Specifications for commercial security hollow metal doors and frames.

HMMA 867—Guide specifications for commercial laminated core hollow metal doors and frames.

ANSI/SDI A250.7—Nomenclature: standard steel doors and steel door frames.

ANSI A250.10—Standard test procedure and acceptance criteria for prime-painted steel surfaces for steel doors and frames.

ANSI A250.4—Test procedure and acceptance criteria for physical endurance for steel doors and hardware reinforcing.

ANSI A250.8—SDI-100 recommended specifications for standard steel doors and frames (supersedes ANSI/SDI 100).

ANSI A250.13—Testing and rating of Severe Windstorm Resistant Components for swinging door assemblies.

## Life Safety

ANSI/NFPA 105—Installation of smoke and draft control door assemblies.

NFPA 252—Fire tests of door assemblies.

UL 10B—Fire tests of door assemblies.

UL 10C—Positive Pressure fire tests of door assemblies.

UL 63—Fire door frames.

## Door & Frame Preparation Standards

ANSI A115.1—Specifications for standard steel door and steel frame preparations for mortise locks 1-3/8" (35) and 1-3/4" (44) doors.

ANSI A115.2—Specifications for standard steel doors and frame preparation for bored or cylindrical locks for 1-3/8" (35) and 1-3/4" (44) doors.

ANSI A115.4—Specifications for standard steel doors and frame preparation for lever extension flush bolts.

ANSI A115.5—Specifications for steel frame preparation for 181 Series and 190 Series deadlock strikes.

ANSI A115.6—Specifications for standard steel door and steel frame preparation for preassembled door locks (unit lock).

ANSI A115.12—Specifications for standard steel door and steel frame preparation for offset intermediate pivot.

ANSI A115.13—Specifications for standard steel door and steel frame preparation for tubular deadlocks.

ANSI A115.14—Specifications for standard steel doors for open back strikes.

ANSI A115.15—Specifications for preparation of 1-3/4" (44) prehung insulated steel doors and steel frames for Series 4000 bored locks and latches.

ANSI A115.16—Specifications for preparation of prehung insulated steel doors and steel frames for double type locks.

ANSI A116.17—Specifications for preparation of 1-3/8" (35) and 1-3/4" (44) standard steel doors and steel frames for double type locks.

ANSI A115.18—Preparation for bored locks and latches with lever handles for 1-3/8" (35) and 1-3/4" (44) doors and frames.

## ADA Compliant



The Americans with Disabilities Act of 1990 (ADA) became effective in 1992. CURRIES is committed to compliance with this national mandate for eliminating

discrimination against individuals with disabilities. The company's hollow metal product line has the ability to meet the most demanding requirements.

CURRIES knock-down frames with narrow [1" (25), 1-1/4" (32), 1-1/2" (38), 1-3/4" (44), and 2" (51)] face dimensions allow the use of standard rough openings in existing or new construction and still provide "clear" opening requirements as specified by the ADA. Special size doors and frames are produced to meet special needs simultaneously with our standard products.



**WOOD CORE RAISED ACCESS FLOORING SYSTEM**

Wood Core panels consist of heavy duty composite wood core encased in galvanized formed steel. These panels have a class "A" flame spread rating and provide excellent rigidity, durability, and acoustic performance.



**APPLICATIONS**

Wood Core Systems meet the needs of a wide range of applications from office environments to equipment applications such as data centers, telecommunication, and mission critical facilities.

**FLOOR UNDERSTRUCTURE**

Wood Core Raised Floor Systems are available with Bolted Stringer and Corner Lock Understructure Systems which can accommodate floor heights as low 3" and as high as 30".



**FLOOR FINISHES**

Wood Core Raised Floor Systems are available in several Floor Finishes including High Pressure Laminate, Vinyl and bare steel painted finish that is suitable for carpet or rubber installations.

**AIRFLOW PANELS**

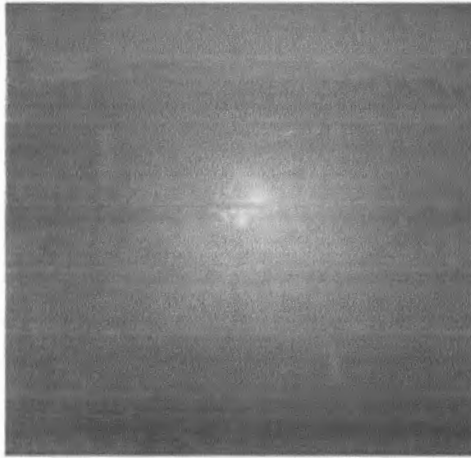
55% High Output

26% Standard Airflow

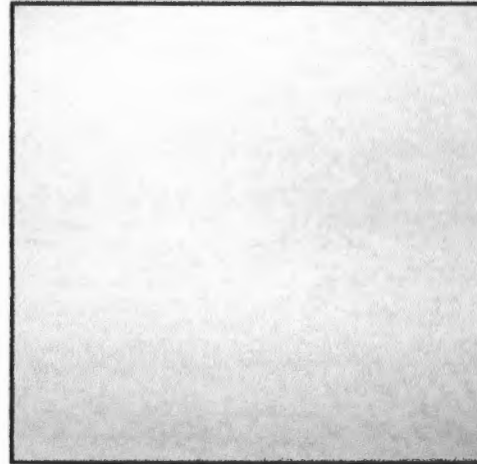


Wood Core Raised Floor Systems offer Airflow Panels ranging from 25% airflow to 55% airflow.

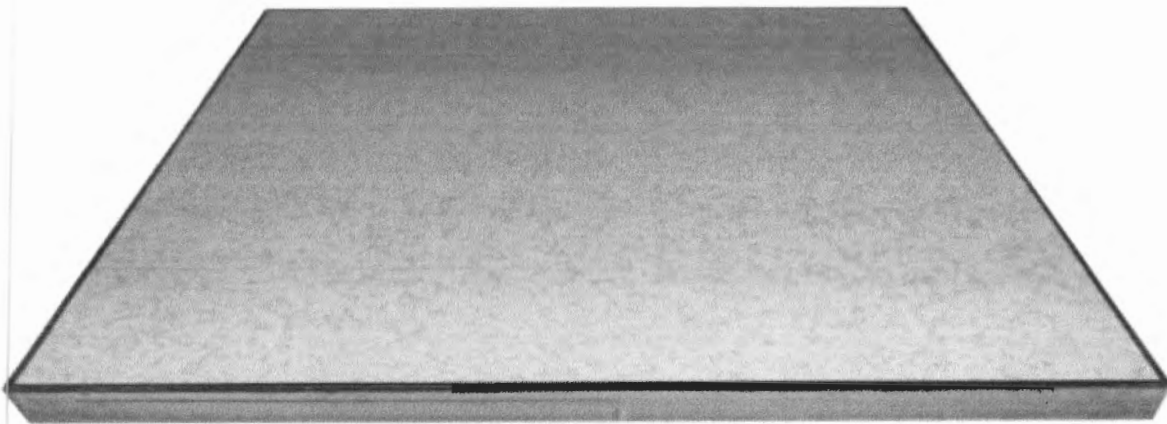
**Bottom Panel View**



**Top Panel View**  
Industry Standard Gray Starlight Finish



**Top Side Panel View**



**WOOD CORE PANEL LOAD RATING**

	<b>Static Load (lbs)</b>	<b>Ultimate Load (lbs)</b>	<b>Ultimate Impact (lbs)</b>	<b>System Weight (lb/ft<sup>2</sup>)</b>	<b>Rolling Load 10 Pass (lbs)</b>	<b>Rolling Load 10K Pass (lbs)</b>
<b>1000</b>	1000	2400	275	7.4	1000	700
<b>1250</b>	1250	2900	300	7.6	1250	875
<b>1500</b>	1500	4000	400	8.3	1500	1050

All Flooring systems are independently tested and certified to meet the standards of PSA MOB PF2: 1992 Platform Floors (Raised Access Floors) performance specification and Cisca 2003-2004, Recommended Test Procedures for Access Floors.

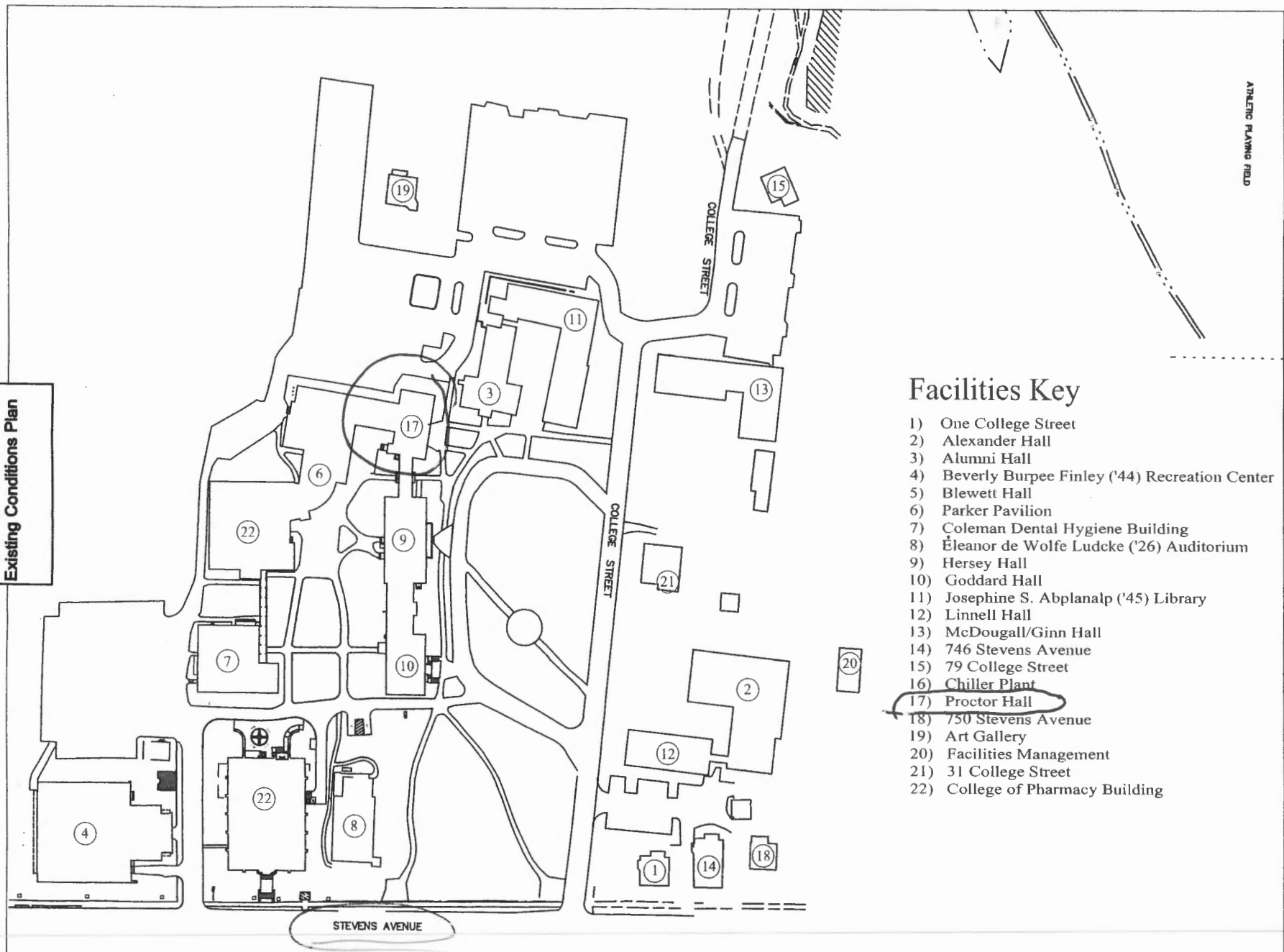


2360 Corporate Circle • Suite 400 • Henderson, NV 89074 • [www.proaccessfloors.com](http://www.proaccessfloors.com)  
Fax - 858-566-4000 • Phone - 858-566-9000

UNE / Stevens Ave

UNE

Existing Conditions Plan



### Facilities Key

- 1) One College Street
- 2) Alexander Hall
- 3) Alumni Hall
- 4) Beverly Burpee Finley ('44) Recreation Center
- 5) Blewett Hall
- 6) Parker Pavilion
- 7) Coleman Dental Hygiene Building
- 8) Eleanor de Wolfe Ludcke ('26) Auditorium
- 9) Hersey Hall
- 10) Goddard Hall
- 11) Josephine S. Abplanalp ('45) Library
- 12) Linnell Hall
- 13) McDougall/Ginn Hall
- 14) 746 Stevens Avenue
- 15) 79 College Street
- 16) Chiller Plant
- 17) Proctor Hall
- 18) 750 Stevens Avenue
- 19) Art Gallery
- 20) Facilities Management
- 21) 31 College Street
- 22) College of Pharmacy Building

DRAWING	Portland Campus	
NUMBER		
DATE	02/22/10	BY A. Thibault

UNIVERSITY OF NEW ENGLAND  
DEPARTMENT OF CAMPUS SERVICES



ATHLETIC PLAYING FIELD

**BUILDING PERMIT INSPECTION PROCEDURES**  
Please call 874-8703 (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 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.**

**REQUIRED INSPECTIONS:**

Close-in Plumbing/Framing

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.