

P F I R M A E - 8 . 0

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☒ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☒ I further certify that I will perform or supervise the following work:

C.1. ☒ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☒ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____

Date

4-10-2015

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☐ Check if contractor.

Agent Name _____

Address _____

Telephone (_____) _____

Signature _____

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 06/25/2016
Control Number C-15-001684
Permit Number 15-2438
Permit Issue Date 07/23/2015
Certificate Number 15-2438

Certificate

Construction Code Division
(Certificate of Occupancy)

Identification

Work Site Location: 721 PRINCETON AVE. Brick Township, NJ Block: 936 Lot: 18 Qual: _____
Owner in Fee: CONZENTINO FAMILY ENTERPRISES LLC
Owner Address: 225 RIVER ST #1807 HOBOKEN NJ 07030
Telephone: [REDACTED]
Contractor: CONZENTINO FAMILY ENTERPRISES LLC
Address: 225 RIVER ST #1807 HOBOKEN NJ 07030
Telephone: [REDACTED] Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: _____
Home Warranty Number: _____
Type of Warranty Plan: ☐ State ☐ Private
Use Group: R-5 Construction Classification: _____
Maximum Live Load: 0 Maximum Occupancy Load: 0
Description of Work/Use: RESIDENTIAL ADDITION

Certificate Comments:

☒ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☐ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:
Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJACS:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

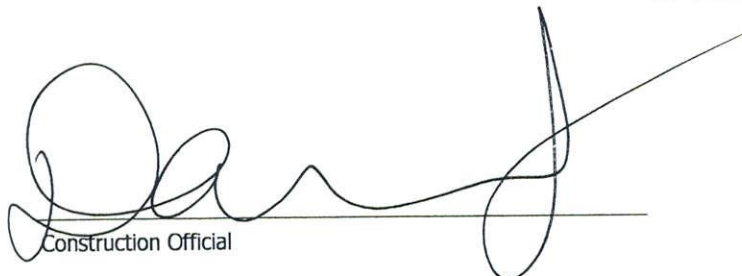
☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:
Conditions to be met:


Construction Official

Fee: \$100.00
Check Number: 8963
Collected By: Geradine Roldan



ELECTRICAL SUBCODE TECHNICAL SECTION



Update

Date Received
Control #
Date Issued
Permit #

8/18/15
15-2438-A

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 936 Lot 18 Qualification Code _____

Work Site Location 721 PRINCETON AVE.

BRICK NJ

Owner in Fee: CHARLIE CONZENTINO

Tel. () e-mail _____

Address 721 PRINCETON AVE

street municipality

Contractor: MACK ELECTRIC LLC Tel. (908) 967-1457 zip code _____

Address 76 CREEPS DR. e-mail _____

50. PLAINFIELD N.J. 07080

Contractor License No. 17151 Exp. Date 3/18

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): _____

Federal Emp. ID No. 453329130 FAX: () _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as RESIDENCE Utility Co. _____

Est. Cost of Elec. Work \$ 2,300

JOB SUMMARY (Office Use Only)

PLAN REVIEW	INSPECTIONS	Dates (Month/Day)			
[] No Plans Required	Type:	Failure	Failure	Approval	Initial
[] Partial -Underslab Utilities Approved	Rough			8/24/15	PSC
Date: _____ Approved by: _____	Barrier-Free				
[] Electric Plans Approved	Trench				
Date: <u>8/11/15</u> Approved by: <u>AS</u>	Temp. Serv.				
Joint Plan Review Required:	Constr. Serv.				
[] Bldg. [] Plumb. [] Fire. [] Elev.	TCO				
SUBCODE APPROVAL for PERMIT	Other				
Date: <u>8/11/15</u>	Service				
Approved by: <u>AS</u>	Final			4/30/16	PSC
SUBCODE APPROVAL for CERTIFICATE	Barrier-Free				
[] CO [] CCO [] CA	Temp. Cut-in-Card Date Issued				
Date: <u>4/30/16</u>	Final Cut-in-Card Date Issued				
Approved by: <u>PO</u>	Annual Pool Inspection				
	Date of Grounding and Bonding Certification				

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: John Manfan

Print name here: JOHN MANFAN

☒ Licensed Elec. Contractor [] Certif'd Landscape Irrigation Contr [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: ROOM ADDITION

QTY.	SIZE	ITEMS	FEE (Office Use Only)
<u>6</u>		Lighting Fixtures	
<u>7</u>		Receptacles	
<u>3</u>		Switches	
		Detectors	
		Light Poles	
<u>1</u>		Motors—Fract. HP <u>fan</u>	
		Emergency & Exit Lights	
		Communications Points	
<u>1</u>		Alarm Devices/F.A.C. Panel	
		<u>GFI ON DECK</u>	
		TOTAL NUMBERS	\$ _____
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
		KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HP Garbage Disposal	
		KW Central A/C Unit	
		HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
		AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

U.C.C. F120 (rev. 11/09)

UP DATES MAY BE NEEDED
RECEPTACLE ON DECK NEEDED.

To reorder call: ALLEGRA
Marketing • Print • Mail
(609) 390-1400

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

*- 4/30/16 - PASS FINAL,
PENDING FINAL BUILDING
APPROVAL - NO STAIRS.

(PJE)

↑ @tech +A

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-3.

OMB No. 1660-0008
Expiration Date: July 31, 2015

RWP JOB NO. 110702

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name CONZENTINO FAMILY ENTERPRISES, LLC
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
721 PRINCETON AVENUE
City BRICK State NJ ZIP Code 08724

FOR INSURANCE COMPANY USE

Policy Number:
Company NAIC Number:

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOTS: 18 & 18.02 BLOCK: 936

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 40D 3' 29.2"N Long. 74D 4' 20.1"W

Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 2

A8. For a building with a crawlspace or enclosure(s):

- a) Square footage of crawlspace or enclosure(s) 1973 sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 4
c) Total net area of flood openings in A8.b 164 sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:

- a) Square footage of attached garage 711 sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A9.b 0 sq in
d) Engineered flood openings? ☐ Yes ☒ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number
BRICK TOWNSHIP 345285

B2. County Name
OCEAN

B3. State
NJ

B4. Map/Panel Number
34029 C 0212

B5. Suffix
F

B6. FIRM Index Date
09/29/2006

B7. FIRM Panel
Effective/Revised Date
SEPT. 29, 2006

B8. Flood
Zone(s)
AE

B9. Base Flood Elevation(s) (Zone
AO, use base flood depth)
5.0'

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.

☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date: _____
☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.

Benchmark Utilized: GEOMON CONK

Vertical Datum: NAVD1988

Indicate elevation datum used for the elevations in items a) through h) below. ☐ NGVD 1929 ☒ NAVD 1988 ☐ Other/Source: _____
Datum used for building elevations must be the same as that used for the BFE.

- a) Top of bottom floor (including basement, crawlspace, or enclosure floor)
b) Top of the next higher floor
c) Bottom of the lowest horizontal structural member (V Zones only)
d) Attached garage (top of slab)
e) Lowest elevation of machinery or equipment servicing the building
(Describe type of equipment and location in Comments)
f) Lowest adjacent (finished) grade next to building (LAG)
g) Highest adjacent (finished) grade next to building (HAG)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support

CF 3.39

FF 8.85

NA

7.06

AC 5.83

5.98

6.88

3.80

Check the measurement used.

☒ feet ☐ meters
☒ feet ☐ meters
☒ feet ☐ meters
☒ feet ☐ meters
☒ feet ☐ meters
☒ feet ☐ meters
☒ feet ☐ meters
☒ feet ☐ meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☒ Check here if comments are provided on back of form.
☒ Check here if attachments.

Were latitude and longitude in Section A provided by a
licensed land surveyor? ☒ Yes ☐ No

Certifier's Name RONALD W. POST

License Number 24GS02853400

Title LIC. LAND SURVEYOR

Company Name RONALD W. POST SURVEYING, INC.

Address 1792 HINDS ROAD

City TOMS RIVER

State NJ ZIP Code 08753

Signature

Date 09/10/2013

Telephone 732-255-9050

IMPORTANT: In these spaces, copy the corresponding information from Section A.

Building Street Address (including Apt., Unit, Suite, or Bldg. No.) or P.O. Route and Box No.
721 PRINCETON AVENUE

City BRICK

State NJ

ZIP Code 08724

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments PRELIMINARY WORK MAP FLOOD ZONE AE-8' AUGUST 28, 2013
LOWEST UTILITY SERVICING THE BUILDING AC ON PAD @ EL 5.83

Signature

Date 09/10/2013

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E3. Attached garage (top of slab) is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address

City

State

ZIP Code

Signature

Date

Telephone

Comments

☐ Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number

G5. Date Permit Issued

G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____ ☐ feet ☐ meters Datum _____

Local Official's Name

Title

Community Name

Telephone

Signature

Date

Comments

☐ Check here if attachments.

Building Photographs

See Instructions for Item A6.

IMPORTANT: In these spaces, copy the corresponding information from Section A.Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
721 PRINCETON AVENUE

City BRICK

State NJ

ZIP Code 08724

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



FRONT VIEW – 09/10/2013



REAR VIEW – 09/10/2013

Building Photographs

Continuation Page

IMPORTANT: In these spaces, copy the corresponding information from Section A.Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
721 PRINCETON AVENUE

City BRICK

State NJ

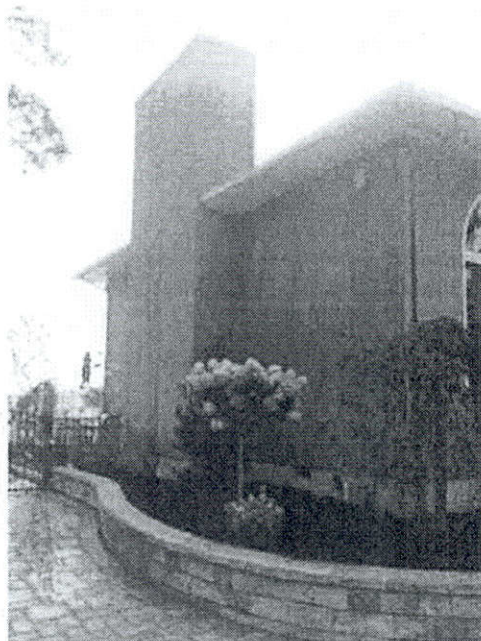
ZIP Code 08724

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.

**RIGHT SIDE VIEW – 09/10/2013****LEFT SIDE VIEW – 09/10/2013**



System 1 Room Load Summary

Room No Name	Area SF	Htg Sens Btuh	Htg Nom CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Clg Nom CFM	Air Sys CFM
---Zone 1---									
1 Rec Room	380	8,818	115	2-8	510	7,447	1,272	356	356
AED Excursion						350			
System 1 total	380	8,818	115			7,797	1,272	356	356

System 1 Main Trunk Size: 7x10 in.
Velocity: 787 ft./min
Loss per 100 ft.: 0.112 in.wg

Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	0.76	86% / 14%	7,797	1,272	9,069
Recommended:	0.87	75% / 25%	7,797	2,599	10,396



System 1 1st Floor Summary Loads

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1D-cv-o: Glazing-Double pane, operable window, clear, vinyl frame, u-value 0.57	72	2,424	0	2,384	2,384
1D-hw-d: Glazing-Double pane, sliding glass door, heat-absorbing, wood frame, u-value 0.57	42	1,412	0	1,214	1,214
12B-2bw: Wall-Frame, R-11 insulation in 2 x 4 stud cavity, R-2 board insulation, brick finish, wood studs	510	2,588	0	702	702
16B-30: Roof/Ceiling-Under attic or knee wall, Vented Attic, No Radiant Barrier, Dark Asphalt Shingles or Dark Metal, Tar and Gravel or Membrane, R-30 insulation	380	717	0	657	657
Subtotals for structure:		7,141	0	4,957	4,957
People:	4		920	1,200	2,120
Equipment:			0	1,000	1,000
Lighting:	0			0	0
Ductwork:		0	0	0	0
Infiltration: Winter CFM: 26, Summer CFM: 14		1,677	352	290	642
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
AED Excursion:		0	0	350	350
System 1 1st Floor Load Totals:		8,818	1,272	7,797	9,069

Check Figures

Supply CFM:	356	CFM Per Square ft.:	0.937
Square ft. of Room Area:	380	Square ft. Per Ton:	439
Volume (ft³) of Cond. Space:	3,800	Air Turnover Rate (per hour):	5.6

System Loads

Total Heating Required With Outside Air:	8,818 Btuh	8.818 MBH
Total Sensible Gain:	7,797 Btuh	86 %
Total Latent Gain:	1,272 Btuh	14 %
Total Cooling Required With Outside Air:	9,069 Btuh	0.76 Tons (Based On Sensible + Latent)
		0.87 Tons (Based On 75% Sensible Capacity)

Notes

Calculations are based on 8th edition of ACCA Manual J.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads.