

Bldg 18

BLOCK 701 LOT 9.05 QUALIFICATION CODE C1802 ADDRESS (SITE) 302 Discovery Rd PERMIT NO. 19-3005

CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

I. IDENTIFICATION

1. Proposed Work Site at: 302 Discovery Rd. - PRIDE

2. Name of Owner in Fee: HEXA 1.10, JV, LLC
 (332) 772-5421 2355 RT 33 Suite # 2 e-mail _____
 Robbinsville, NJ 08691

Address _____ street _____ municipality _____ zip code _____

3. Ownership in Fee: Public _____ Private ☒ _____

4. Principal Contractor: Hexa 1.10, JV, LLC Tel. (732) 721-4600
 Address 253 Main St. Suite 385 e-mail _____
Manalapan, NJ 07747
(732) 721-4600

License No. OR, if new home, Builder Reg. No. 049736 Exp. Date 9/30/20

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

Federal Emp. ID No. 821248031 FAX: (732) 862-1123

5. Architect or Engineer MV TESTA Contact Jackie O.
 Address 701 Tennant Rd Manalapan NJ e-mail _____
 Tel. (732) 972-9177 FAX: (732) 972-9178

6. Responsible Person in Charge once Work has Begun Benny Balsirow
 Tel. (732) 772-5421 FAX: (732) 862-1123

V. FEE SUMMARY (for office use only)

1. Building	\$ <u>1013-</u>	Update <u>112-</u>	Update <u>112-</u>
2. Electrical	\$ <u>418-</u>		
3. Plumbing	\$ <u>64-</u>	<u>64-</u>	<u>112-</u>
4. Fire Protection			
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$ <u>97-</u>		
9. State Permit Surcharge Fee	\$ <u>248-</u>		
10. Subtotal	\$ <u>248-</u>		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ <u>2535-</u>	<u>64-</u>	<u>112-</u>

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories	<u>3</u>	(office use only)
2. Height of Structure	<u>44</u> ft.	
3. Area — Largest Floor	<u>737</u> sq. ft.	
4. New Building Area	<u>2087</u> sq. ft.	
5. Volume of New Structure	<u>25020</u> cu. ft.	
6. Max. Live Load		
7. Max. Occupancy Load		
8. If Industrialized Building: State Approved _____ HUD _____		
9. Total Land Area Disturbed _____ sq. ft.		
10. Flood Hazard Zone _____		
11. Base Flood Elevation _____ ft.		
12. Wetlands yes _____ no _____		

IIa. PROPOSED WORK

☐ Minor Work ☒ New Building ☐ Addition ☐ Demolition

☐ Repair ☐ Alteration ☐ Renovation ☐ Reconstruction

☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES
 (Check all that apply)

	Est. Cost	Plans Rec'd	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
☒ Building	<u>10500</u>	<u>10/2/19</u>			<u>10-31-19</u>	<u>SA</u>			
☒ Electrical	<u>1000</u>				<u>10-22-19</u>	<u>SA</u>			
☒ Plumbing	<u>1600</u>				<u>11-20-19</u>	<u>SA</u>			
☒ Fire Protection	<u>4700</u>				<u>11-20-19</u>	<u>SA</u>			
☐ Elevator									
TOTAL COST	<u>142700</u>								

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____

2. Use Group, Proposed: R5

3. Change In Use Group, Indicate Present: _____

4. No. of dwelling units: Total Units Income-restricted

Gained, Sale	
Gained, Rental	
Lost, Sale	
Lost, Rental	

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____

2. Use Group, Proposed: _____

3. Change in Use Group, Indicate Present: _____

C. MIXED USE -List secondary use(s): _____

D. Construct. Classification: Present _____ Proposed SA

III. PLAN REVIEW (optional)

- DO YOU WANT:
1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

- | | | | |
|---|---|---|---|
| 1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks | 4. ☐ Refrigeration Systems | 8. ☐ Smoke Control Systems in Open Wells | 12. ☐ Fire Alarm |
| 2. ☐ High Pressure Boilers | 5. ☐ Cross-Connections/Backflow Preventers | 9. ☐ Underground Storage Tanks | |
| 3. ☐ Pressure Vessels | 6. ☐ Hazardous Uses/Places of Assembly | 10. ☐ Swimming Pools, Spas and Hot Tubs | |
| | 7. ☐ Sprinklers/Standpipes | 11. ☐ LPGas Tanks | |

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 _____

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.

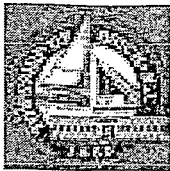
I understand that if any of the above statements are willfully false, I am subject to punishment.

☐ Check if contractor.

Agent Name Hexa 1.10, JV, LLC
253 Main St. Suite 385
Address Matawan, NJ 07747
(732) 721-4600

Telephone (732) 772-5481
Signature [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 08/26/2020
Control Number C-19-003666
Permit Number 19-3005
Permit Issue Date 11/26/2019
Certificate Number 19-3005

Certificate

Construction Code Division
(Certificate of Occupancy)

Identification

Work Site Location: 302 DISCOVERY RD PROTO PRIDE BLDG 18 Block: 701 Lot: 9.05 Qual: C1802
, NJ
Owner in Fee: HEXA L10 JV LLC
Owner Address: 2355 RT 33 STE 2 ROBBINSVILLE NJ 08691
Telephone: (732) 772-5421
Contractor HEXA L10 JV, LLC
Address 253 MAIN ST STE 385 MATAWAN NJ 07747
Telephone: (732) 539-9385 Fax: (732) 862-1123 Federal Emp. Number: 821248031
License Number or Builders Registration Number: _____

Home Warranty Number: NJ137751 Type of Warranty Plan: ☐ State ☒ Private

Use Group: R-5 Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: DECK, Multi Family Dwelling - BLDG 18 (PRIDE)

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 NJAC5:17 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

Date Printed: 08/26/2020

U.C.C. F260 (rev. 08/05)

Fee: \$298.00

Check Number: 0455

Collected By: Christopher Winters

OFFICE USE ONLY

IMPORTANT
A.H.B.T. - MANDATORY FEE - RESIDENTIAL

[illegible]

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☐ Zoning Officer									
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Department of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Department of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)		
Name of Code & Edition	Name of Code & Edition	Other
Building _____	Energy _____	_____
Electrical _____	Barrier Free _____	_____
Plumbing _____	Flood Hazard _____	_____
Fire Protection _____	As Built Elevation Cert. _____	_____
Mechanical _____	Other _____	_____

X. CERTIFICATES ISSUED (office use only)		DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____	_____	_____	_____	_____
☐ Temporary Certificate of Compliance	No. _____	_____	_____	_____	_____
☐ Continued Certificate of Occupancy	No. _____	_____	_____	_____	_____
☐ Certificate of Compliance	No. _____	_____	_____	_____	_____
☐ Certificate of Occupancy	No. _____	_____	_____	_____	_____
☐ Certificate of Approval	No. _____	_____	_____	_____	_____
☐ Lead Abatement Clearance Certificate	No. _____	_____	_____	_____	_____



BUILDING SUBCODE TECHNICAL SECTION



BLDG. 18

Date Received
Control #

11/26/19

Date Issued
Permit #

19-3005

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

Block 701 Lot 9.05 Qualification Code C1802
Work Site Location 302 DISCOVERY RD.-PRIDE
Brick, NJ 08724

Owner in Fee: Hexa L10 JV, L.L.C.

Tel. (732) 772-5421 e-mail bemba.b@espocon.net

Address 2355 Route 33, Suite 2 Robbinsville, N.J. 08691

Contractor: Hexa L10 JV, LLC Tel. (732) 772-5421

Address 253 Main St., Suite 385 e-mail bemba.b@espocon.net

Matawan NJ

Contractor License No. or Builder Registration No. 49736 Exp. Date 09/30/2021

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 821248031 FAX: (732) 862-1123

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.

Sign here: Bemba Balsirow

Print name here: Bemba Balsirow

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

New Single-Family Townhome Dwelling- PRIDE

36' BASE LAYOUT with the following:

Ground Level Powder Room Option
Ground Level Recreation Room
Front Building ELEVATION "E"

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)	Initial
☐ No Plans Required			Type:	Failure	Approval
☒ All	<u>10-31-19</u>	<u>WEX</u>	Footing		<u>12-21-19</u>
☐ Footings/Foundations			Footing-Bonding		<u>12-30-19</u>
☐ Structural/Framework			Foundation		<u>1-10-20</u>
☐ Exterior			Slab		<u>1-24-20</u>
☐ Interior			Frame	<u>6-2-20</u>	<u>6-5-20</u>
Joint Plan Review Required:			Truss Sys./Bracing		
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator			Barrier-Free Deck Footing	<u>6-5-20</u>	<u>WEX</u>
☐ Insulation				<u>6-5-20</u>	<u>WEX</u>
☒ SUBCODE APPROVAL for PERMIT	<u>11-10-19</u>	<u>WEX</u>	Finishes -Base Layer		
Date:			Finishes -Final		
Approved by:			Energy		
SUBCODE APPROVAL for CERTIFICATE			Mechanical / <u>shouting</u>	<u>4-3-20</u>	<u>WEX</u>
☒ CO ☐ CCO ☐ CA			TCO		
Date:	<u>08/13/20</u>		Other <u>OPEN WALL</u>	<u>12-20-19</u>	<u>WEX</u>
Approved by:	<u>WEX</u>		Final	<u>8-6-20</u>	<u>WEX</u>
			Barrier-Free		

TYPE OF WORK:

- ☒ New Building
☐ Addition
☐ Rehabilitation
☐ Roofing
☐ Siding
☐ Fence _____ Height (exceeds 6')
☐ Sign _____ Sq. Ft.
☐ Pool
☐ Retaining Wall _____ Sq. Ft.
☐ Asbestos Abatement Subchapter 8
☐ Lead Haz. Abatement NJAC 5:17
☐ Radon Remediation
☐ Other _____
☐ Demolition

FEE (Office Use Only)

\$ _____

B. BUILDING CHARACTERISTICS

Use Group Present N/A Proposed R-5 Constr. Class Present N/A Proposed 5-A
No. of Stories 3
Height of Structure 44 ft.
Area — Largest Floor 737 sq. ft.
New Bldg. Area/All Floors 2,087 sq. ft.
Volume of New Structure 25,020 cu. ft.
Max. Live Load 40
Max. Occupancy Load _____

If Industrialized Building:
State Approved _____ HUD _____

Est. Cost of Bldg. Work:

1. New Bldg. \$ 105,000 103,000.
2. Rehabilitation \$ 2,000
3. Total (1+ 2) \$ 105,000

U.C.C. F110 (rev. 11/09)
Internet version

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

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



ELECTRICAL SUBCODE TECHNICAL SECTION



Bldg 18

Date Received
Control #
Date Issued
Permit #

11/26/19
19-3005

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

Block 701 Lot 9.05 Qualification Code C1802
Work Site Location 302 DISCOVERY RD. - ~~PRIDE~~ **PRIDE**

Owner in Fee: Hexa L10 JV, LLC

Tel. (732) 772-5421 e-mail bemba.b@espocon.net

Address 2355 Rt. 33 Suite 2 Robbinsville 08691

Contractor: Dave's Electric Tel. (609) 361-0236

Address 4000 Long Beach Blvd. e-mail daveselectric_lbi@comcast.net
Brant Beach, NJ 08008

Contractor License No. 5828 Exp. Date 03/31/2021

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 810716753 FAX: (609) 361-7280

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed R5A

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

Building Occupied as single family Utility Co. JCPL

Est. Cost of Elec. Work \$ 12,000

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Approval	Initial
[] No Plans Required		Rough		<u>6-2-20</u>	<u>DL</u>
[] Partial - Underslab Utilities Approved		Barrier-Free			
Date: _____ Approved by: _____		Trench			
[X] Electric Plans Approved		Temp. Serv.			
Date: <u>10-23-19</u> Approved by: <u>ML</u>		Constr. Serv.			
Joint Plan Review Required:		TCO			
[] Bldg. [] Plumb [] Fire [] Elev		Other			
SUBCODE APPROVAL FOR PERMIT		Service		<u>6-1-20</u>	<u>DL</u>
Date: <u>10/23/19</u>		Final		<u>6-3-20</u>	<u>DL</u>
Approved by: <u>ML</u>		Barrier-Free			
SUBCODE APPROVAL FOR CERTIFICATE		Temp. Cut-in-Card	Date Issued	<u>6-1-20</u>	<u>DL</u>
[] CO [] CCO [] CA		Final Cut-in-Card	Date Issued		
Date: <u>8-3-20</u>		Annual Pool Inspection			
Approved by: <u>DL</u>		Date of Grounding and Bonding			
		Certification			

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the agent or 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.

Print name here: David J. Smith

☒ Licensed Elec. Contractor [11-3005 Landscaping/Irrigation Contr] ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:
New Single Family Townhouse Dwelling - PRIDE

QTY.	SIZE	ITEMS	FEE (Office Use Only)
<u>25</u>		Lighting Fixtures	
<u>40</u>		Receptacles	
<u>30</u>		Switches	
<u>10</u>		Detectors	
		Light Poles	
<u>2</u>		Motors—Fract. HP	
		Emergency & Exit Lights	
		Communications Points	
		Alarm Devices/F.A.C. Panel	
<u>108</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	
<u>1</u>	<u>2</u>	KW Dishwasher	
		HP Garbage Disposal	
<u>1</u>	<u>3</u>	KW Central A/C Unit	
<u>1</u>	<u>2</u>	HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
<u>1</u>	<u>125</u>	AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

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



PLUMBING SUBCODE TECHNICAL SECTION



Bldg 18

Date Received
Control #

11/26/19

Date Issued
Permit #

19-3005

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

Block 701 Lot 9.05 Qualification Code C1802

Work Site Location 302 Discovery Rd. - PRIDE
Brick, NJ 08724

Owner in Fee: Hexa L10 JV, LLC

Tel. (732) 772-5421 e-mail bemba.b@espocon.net

Address 2355 Rt 33, Suite 2 Robbinsville, N.J. 08691

Contractor: GTO Mechanical Contractors Tel. (732) 895-4675

Address 109 Dorset Drive e-mail andy.gtomech@gmail.com
Clark, NJ 07066

Contractor License No. 12542 Exp. Date 06/30/2019 2021

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 824652703 FAX: (732) 661-2069

B. PLUMBING CHARACTERISTICS

Use Group Present N/A Proposed R-5

Building Sewer Size 4" Public Sewer ☒ Private Septic

Water Service Size 1" Public Water ☒ Private Well

Est. Cost of Plumbing Work \$ 16,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS				Dates (Month/Day)	
		Type	Failure	Failure	Approval	Initial	
☐ No Plans Required		Slab					
☐ Partial Under-slab Utilities Approved		Rough					
Date: <u>11-26-19</u> Approved by: <u>[Signature]</u>		Water					
☐ Plumbing Plans Approved		Sewer					
Date: <u>11-26-19</u> Approved by: <u>[Signature]</u>		Fixtures					
Joint Plan Review Required		Gas Equipment					
☐ Bldg. ☐ Elec. ☐ Fire ☐ Elev.		Gas Piping					
SUBCODE APPROVAL FOR PERMIT		LP Gas Tank					
Date: <u>11-26-19</u> Approved by: <u>[Signature]</u>		Fuel Oil Piping					
SUBCODE APPROVAL FOR CERTIFICATE		Stacks					
LOI CC ☐ LICO ☐ LCA ☐		TCO					
Date: <u>11-26-19</u> Approved by: <u>[Signature]</u>		Final					

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:

Print name here: Raymond Bracer

☒ Licensed Plumbing Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

New Single Family Townhome Dwelling- PRIDE

Powder Room apt. - 4/A3

QTY.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
4	Water Closet	\$
	Urinal/Bidet	
2	Bath Tub	
5	Lavatory	
1	Shower	
	Floor Drain	
1	Sink	
1	Dishwasher	
	Drinking Fountain	
1	Washing Machine	
2	Hose Bibb	
1	Water Heater	
4	Fuel Oil Piping	
	Gas Piping	
	LP Gas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
1	Sewer Connection	
1	Water Service Connection	
2	Stacks	
1	Other <u>a/c</u>	

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

Gas underground meter to unit 4-322

1/A3 5/A3 1/A5



FIRE PROTECTION SUBCODE TECHNICAL SECTION



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

Block 701 Lot 9.05 Qualification Code C1802
Work Site Location 302 Discovery Rd. - ~~V-18~~ #18 PRIDE
Brick, NJ 08724

Owner in Fee: Hexa L10 JV, LLC

Tel. (732) 772-5421 e-mail bemba.b@espocon.net

Address 2355 Rt. 33 Suite 2 Robbinsville, N.J. 08691

Contractor: Dave's Electric municipality Brant Beach Tel. (609) 361-0236

Address 4000 Long Beach Blvd e-mail daveselectric_lbi@comcast

Brant Beach N.J. 08008

Fire Protection Equipment, NJ Div of Fire Safety Permit No. _____

Fire Protection Equipment, NJ Div of Fire Safety Installer No. _____

Fire Alarm Contractor No. Elec.#5828 Exp. Date 03/31/2021

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 810716735-53 FAX: _____

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present N/A Proposed R-5

Constr. Class: Present N/A Proposed 5-A

Heating System: ☐ New OR ☐ Modification to Existing
OR ☐ Conversion OR ☐ Replacement

Fuel Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar
☐ Other _____

Location: _____

Total Cost of Fire Protection Work \$ 450

Fuel Storage Tank:

Fuel Type: ☐ Flammable OR ☐ Combustible
Capacity _____

Fire Alarm System: ☐ New OR ☐ Existing

Location of Panel: _____

Fire Suppression/Standpipe System:

☐ New OR ☐ Existing

Location of Main Control Valve: _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent or owner of record) and am authorized to make this application.

Applicant/Contractor
sign here: _____

Print name here: Dave Smith

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Water Supply Source Install Smoke & CO Detec

Method of Alarm/Suppression System Supervision PRIDE

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks	_____	\$ _____
Alarm Systems		
☐ System	_____	
☒ 110v Interconnected	_____	
☒ CO Detectors/110v	_____	
Alarm Devices (i.e., smoke, heat, pulls, water/flow)	<u>10</u>	
Supervisory Devices (i.e., tampers, low/high air)	_____	
Signaling Devices (i.e., horn/strobes, bells)	_____	
Other Devices	_____	
TOTAL	<u>10</u>	
Suppression Systems		
Fire Pump _____ GPM Type _____	_____	
Dry Pipe/Alarm Valves	_____	
Pre-action Valves	_____	
Sprinkler Heads (Dry and Wet)	_____	
Standpipes	_____	
Pre-engineered Systems		
Wet Chemical	_____	
Dry Chemical	_____	
CO ₂ Suppression	_____	
Foam Suppression	_____	
FM200 Suppression	_____	
Other	_____	
Other Systems		
Kitchen Hood Exhaust System	_____	
Smoke Control System	_____	
Fuel-Fired Appliances ☐ Gas ☐ Oil ☐ Solid	_____	
Fireplace Venting/Metal Chimney	_____	
Other	_____	

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

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required
☐ Partial Underslab Utilities Approved

Date: _____ Approved by: _____

☒ Fire Protection Plans Approved

Date: 10-17-19 Approved by: [Signature]

Joint Plan Review Required: _____

☐ Bldg. ☐ Elec. ☐ Plumb. ☐ Elev.

SUBCODE APPROVAL FOR PERMIT

Date: 10-17-19

Approved by: [Signature]

SUBCODE APPROVAL FOR CERTIFICATE

☐ CO ☐ CCO ☐ CA

Date: 8-3-2020

Approved by: [Signature]

INSPECTIONS

Type:	Failure	Failure	Approval	Initial
Alarm System	_____	_____	<u>8-3-20</u>	<u>PM</u>
Suppression Sys.	_____	_____		
Standpipe	_____	_____		
Fire Pump	_____	_____		
Pre-Eng. System	_____	_____		
Mechanical	_____	_____		
Smoke Control	_____	_____		
TCO	_____	_____		
Flam/Combust Tanks	_____	_____		
Fireplace Venting	_____	_____		
Final	_____	_____	<u>8-3-20</u>	<u>PM</u>
Other	_____	_____	<u>10-17-19</u>	<u>[Signature]</u>

11

11

11



FIRE PROTECTION SUBCODE TECHNICAL SECTION



11/26/19

19-3005-1A

Date Received
Control #

Date Issued
Permit #

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

Block 701 Discovery Lot 9.05 Qualification Code C1802

Work Site Location 302 Revival Rd. - PRIDE
Brick, NJ 08724

Owner in Fee: Hexa L10 JV, LLC

Tel. (732) 772-5421 e-mail bemba.b@espocon.net

Address 2355 Rt.33 Suite 2 Robbinsville, N.J. 08691

Contractor: Free Air Star Inc street municipality Tel. (609) 848-2265

Address 1104 Hawser Ave Manahawkin, NJ 08050 e-mail freeairstar@yahoo.com

Manahawkin, NJ 08050

Fire Protection Equipment, NJ Div of Fire Safety Permit No. _____

Fire Protection Equipment, NJ Div of Fire Safety Installer No. _____

Fire Alarm Contractor No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason 13VH03660200

Federal Emp. ID No. 202085822 FAX: _____

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present N/A Proposed R-5 Fuel Storage Tank:

Constr. Class: Present N/A Proposed 5-A Fuel Type: ☐ Flammable OR ☐ Combustible

Heating System: ☒ New OR ☐ Modification to Existing. Fire Alarm System: ☐ New OR ☐ Existing

OR ☐ Conversion OR ☐ Replacement Location of Panel: _____

Fuel Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar
☐ Other _____ Fire Suppression/Standpipe System:

Location: Ground Floor 500 Location of Main Control Valve: _____

Total Cost of Fire Protection Work \$ _____

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type	Failure	Approval	Initial
☐ No Plans Required		Alarm System			
☐ Partial Underslab Utilities Approved		Suppression Sys.			
Date: _____ Approved by: _____		Standpipe			
☐ Fire Protection Plans Approved		Fire Pump			
Date: _____ Approved by: _____		Pre-Eng. System			
Joint Plan Review Required:		Mechanical			
☐ Bldg. ☐ Elec. ☐ Plumb. ☐ Elev.		Smoke Control			
SUBCODE APPROVAL FOR PERMIT		TCD			
Date: _____ Approved by: _____		Flam/Combust Tanks			
SUBCODE APPROVAL FOR CERTIFICATE		Fireplace Venting			
☐ CO ☐ CO2 ☐ CA		Final			
Date: _____ Approved by: _____		Other			

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.

Applicant/Contractor sign here: _____

Print name here: Mykhaylo Stepanov

D. TECHNICAL SITE DATA ☒ Certified Contractor ☐ Exempt Applicant

DESCRIPTION OF WORK:

Water Supply Source Installing H.V.A.C.

Method of Alarm/Suppression System Supervision _____

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks	_____	\$ _____
Alarm Systems	_____	_____
☐ System	_____	_____
☐ 110v Interconnected	_____	_____
☐ CO Detectors/110v	_____	_____
Alarm Devices (i.e., smoke, heat, pulls, water/flow)	_____	_____
Supervisory Devices (i.e., tampers, low/high air)	_____	_____
Signaling Devices (i.e., horn/strobes, bells)	_____	_____
Other Devices	_____	_____
TOTAL	<u>0</u>	_____
Suppression Systems	_____	_____
Fire Pump _____ GPM Type _____	_____	_____
Dry Pipe/Alarm Valves	_____	_____
Pre-action Valves	_____	_____
Sprinkler Heads (Dry and Wet)	_____	_____
Standpipes	_____	_____
Pre-engineered Systems	_____	_____
Wet Chemical	_____	_____
Dry Chemical	_____	_____
CO ₂ Suppression	_____	_____
Foam Suppression	_____	_____
FM200 Suppression	_____	_____
Other	_____	_____
Other Systems	_____	_____
Kitchen Hood Exhaust System	_____	_____
Smoke Control System	_____	_____
Fuel-Fired Appliances ☒ Gas ☐ Oil ☐ Solid	<u>1</u>	_____
Fireplace Venting/Metal Chimney	_____	_____
Other	_____	_____

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



FIRE PROTECTION SUBCODE TECHNICAL SECTION



Bldg 18 Updates

Date Received
Control #

11/26/19

Date Issued
Permit #

19-30051-B

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

Block 701 Lot 9.05 Qualification Code C1802

Work Site Location 302 Discovery Rd. - PRIDE
Brick, NJ 08724

Owner in Fee: Hexa L10 JV, LLC

Tel. (732) 539-9385 e-mail johnv@hexa.builders

Address 2355 Rt. 33 Suite 2 Robbinsville, N.J. 08691

Contractor: GTO Mechanical Contractors Tel. (832) 895-4675

Address 109 Dorset Drive e-mail andy.gtomech@gmail.com.

Clark, NJ 07066

Fire Protection Equipment, NJ Div of Fire Safety Permit No. _____

Fire Protection Equipment, NJ Div of Fire Safety Installer No. _____

Fire Alarm Contractor No. Plum 12542 Exp. Date 06/30/2020 2021

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 824652703 FAX: (732) 661-2069

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present N/A Proposed R-5

Constr. Class: Present N/A Proposed 5-A

Heating System: ☐ New OR ☐ Modification to Existing
OR ☐ Conversion OR ☐ Replacement

Fuel Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar
☐ Other _____

Location: _____

Total Cost of Fire Protection Work \$ 250

Fuel Storage Tank:

Fuel Type: ☐ Flammable OR ☐ Combustible
Capacity _____

Fire Alarm System: ☐ New OR ☐ Existing

Location of Panel: _____

Fire Suppression/Standpipe System:

☐ New OR ☐ Existing

Location of Main Control Valve: _____

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.

Applicant/Contractor
sign here:

Print name here: Steven G. Tosi

☐ Certified Contractor ☒ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Water Supply Source Install Range & Dryer

Method of Alarm/Suppression System Supervision _____

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks	_____	\$ _____
Alarm Systems		
☐ System	_____	
☒ 110v Interconnected	_____	
☒ CO Detectors/110v	_____	
Alarm Devices (i.e., smoke, heat, pulls, water/flow)	<u>0</u>	
Supervisory Devices (i.e., tampers, low/high air)	_____	
Signaling Devices (i.e., horn/strobes, bells)	_____	
Other Devices	_____	
TOTAL	<u>0</u>	
Suppression Systems		
Fire Pump _____ GPM Type _____	_____	
Dry Pipe/Alarm Valves	_____	
Pre-action Valves	_____	
Sprinkler Heads (Dry and Wet)	_____	
Standpipes	_____	
Pre-engineered Systems		
Wet Chemical	_____	
Dry Chemical	_____	
CO ₂ Suppression	_____	
Foam Suppression	_____	
FM200 Suppression	_____	
Other	_____	
Other Systems		
Kitchen Hood Exhaust System	_____	
Smoke Control System	_____	
Fuel-Fired Appliances ☒ Gas ☐ Oil ☐ Solid	<u>2</u>	
Fireplace Venting/Metal Chimney	_____	
Other	_____	

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)		
PLAN REVIEW		Type	Failure	Failure	Approval	Initial
☐ No Plans Required		Alarm System				
☐ Partial Under-slab Utilities Approved		Suppression Sys.				
Date _____ Approved by _____		Standpipe				
☐ Fire Protection Plans Approved		Fire Pump				
Date _____ Approved by _____		Pre-Eng. System				
☐ Joint Plan Review Required		Mechanical				
☐ Bldg. ☐ Elec. ☐ Plumb. ☐ Elev.		Smoke Control				
SUBCODE APPROVAL for PERMIT		TCO				
Date _____ Approved by _____		Flam/Combust Tanks				
SUBCODE APPROVAL for CERTIFICATE		Fireplace Venting				
☐ CO ☐ CO ₂ ☐ HCL CA		Final				
Date _____ Approved by _____		Other				

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

INSPECTOR: TOM TOTO

JOB: NEW VISIONS
PB 2700

SECTION: PHASE 4

TYPE OF WORK: P/F SITE PLAN

PERMIT #: BLDG #13

WEATHER / TEMP:

DATE: 8/14/2020

INSPECTION: CO

LOCATION: UNITS 300-310 EVEN

BLOCK: 701 LOT: 9.05

ENGINEERING RECOMMENDATIONS FOR CERTIFICATION OF OCCUPANCY INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway	✓	
2. Grading		CONTINUE TO MAINTAIN REAR YARD LOT GRADING
3. Sidewalk	✓	
4. Road Pavement		BASE PAVED, BONDEN MAINTAIN STRIPING
5. Landscaping & Sodding		BONDEN CONFIRM FALL 2020
6. Clean-up Procedures	✓	MAINTAIN ACTIVE CONST SITE
7. Note on-going construction in immediate area		ADJACENT SITE CONSTRUCTION CONTRACTOR RESPONSIBILITY
8. Safety		ONGOING CONTRACTOR RESPONSIBILITY
9. As Built Survey / Elevation Certificate		SEE BELOW

COMMENTS REFERENCING ITEM NUMBER:

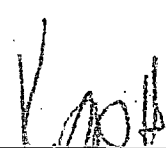
ASBUILT REVIEW

• MAINTAIN TRAFFIC CONTROL PER APPROVED PLAN

1) ADD LIGHT POLE NEAR UNIT 300

2) ADD YARD INLETS SYMBOL AT 300 & 306

RECOMMENDATIONS:

☐ TEMP. C.O.☒ FINAL C.O.☐ DETAILED REINSPECTION☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED☐ REQUIRES PERMIT UPDATE / ADDITIONAL PERMITS☐ \$50.00 REINSPECTION FEE

 MUNICIPAL ENGINEER



714 Lacey Road, Forked River, NJ 08731
www.SoilDistrict.org



REPORT OF COMPLIANCE

This certifies that the Soil Erosion and Sediment Control measures, to the extent indicated, comply with the soil erosion and sediment control plan as certified by the Soil Conservation District pursuant to Chapter 251, P.L. 1975 as amended, the Soil Erosion and Sediment Control Act, (N.J.S.A. 4:24-39 et seq.) and N.J.A.C. 2:90-1.14

Project Name: New Vision at Chambers bridges SCD Application No: 10470

Municipality: Brick Township

Block(s): 701 Lot(s): 9 Street Address: Building 18: 300-310 Discovery Rd

Block(s): / Lot(s): / Street Address: /

☐ CONDITIONAL COMPLIANCE REPORT* (CRC) ☒ REPORT OF COMPLIANCE - NO CONDITIONS (ROC)

Authorized District Signature: Sam Yeast Date: 8/4/20

*CONDITIONS:

1. Establishment of permanent stabilization of all disturbed areas in accordance with the certified soil erosion and sediment control plan.
- 2.
- 3.
- 4.

The above conditions above must be satisfied no later than: Date: _____

☐ FINAL REPORT OF COMPLIANCE (FROC)
(Invalid if checked in addition to the CRC and/or ROC boxes above unless authorized below)

Authorized District Signature: _____ Date: _____

Distribution: White: Municipal Code Official

Canary: Applicant

Pink: District

CERTIFICATE OF PARTICIPATION



RETURN SIGNED HBW COPY TO:
210HBW@2-10.com / 303.306.2222 or
P.O. Box 441525 | Aurora, CO 80044

Notice: This is a four part form. The designated recipient's copy is stated at the top. Any modifications, alterations or revisions made to this document without express written consent of the warranty insurer and/or their administrator will void the warranty coverage. This document is not valid unless there is a typed Enrollment Verification number in the Validation box in the lower right hand portion of this page and this document has been signed by the warranty insurer or their administrator which validates this Certificate of Participation.

1. Homebuyer(s): Cheryl Juedes (503)929-8337
(Name(s) as recorded on deed) Home Phone:
Address of Home: 302 Discovery Road Brick 1506 NJ 08723
Street City Muni-code State Zip Code
Block #: 701 Lot #: 9.05 Subdivision: New Vision

2. Builder Name: Hexa L10 JV LLC HBW Builder #: NJ-8805-7216-HW-

3. Effective Date of Warranty (Date of Closing): August 18, 2020 State Registration #: 49736

4. Contract Price of Home: \$292,999.00 Total Warranty Amount Paid: \$512.75

5. Rate Formula:

\$292,999.00	x	1.25	=	\$292,999.00	+ 1,000 =	\$293.00	x	\$1.75	=	\$512.75
Contract Price Of Home		If price does not include land		Warranty Limit				Rate		Total Warranty Fee

6. FHA/VA Financing:

☐ Yes ☒ No

7. Type of Home:

☐ Single Family Detached ☐ Two-Family ☐ Condo ☐ Duplex
☐ Three-Family ☒ Townhouse

8. Construction Type:

☐ Low Rise (1-2 story) ☐ Mid-Rise (3-6 story) ☐ High Rise (7 story or greater)
☒ Site Built ☐ Modular ☐ Manufactured on Permanent Foundation

9. Effective Date of Common Elements Coverage 08/18/2020 (date main structure housing individual units is completed). No common elements coverage will be provided unless all units in a building are enrolled.

ACKNOWLEDGEMENT OF RECEIPT OF WARRANTY DOCUMENTS

The undersigned Builder has delivered and the undersigned Homeowner(s) hereby acknowledge receipt of the following warranty documents:

1. Home Buyers Warranty Certificate of Participation
2. Home Buyers Warranty Booklet (NJ_1.2.10v1)

CERTIFICATION OF ENROLLMENT

This certifies that the above-described dwelling unit is enrolled in the 2-10 Home Buyers Warranty New Home Warranty Plan and that the warranty cost, receipt of which is hereby acknowledged, has been paid in full to warranty insurer.

Homeowner(s): _____ Date: _____

Homeowner(s): _____ Date: _____

Builder: Miguel Cordero Date: 8/12/2020

Verification:

Municipality Copy

Enrollment Verification Number:

NJ137751

WARRANTY INSURER

New Home Warranty Insurance Company, A Risk Retention Group

13900 E Harvard Ave. Aurora, CO 80014

OFFERED BY: Home Buyers Warranty as Administrator for Warranty Insurer.

Date: 08/11/2020

Community Development and Land Use

401 Chambers Bridge Rd.

Brick NJ 08723

(732) 262-1041



Receipt

Payment Date 08/26/2020

Transaction # PMT-20-06509

Receipt #

Issued To Hexa L10 JV LLC

Description Final Affordable Housing
302 Discovery Rd.
Block: 701 Lot: 9.05

Date Printed 08/26/2020
Check Number 0843

Cash	\$0.00
Check	\$574.00
Charge	\$0.00
Total Paid	\$574.00



APPLICATION FOR CERTIFICATE

Permit # 19-3005

Date Issued 11/20/19

- or -

Control #

Certificate Application Received:

Certificate Issued:

IDENTIFICATION

Work Site Location 302 DISCOVERY RD Block 701 Lot 9.05 Qualification Code C1802
PRIDE
Owner in Fee Hexa 1.10, JV, LLC Contractor Hexa 1.10, JV, LLC
253 Main St. Suite 385 Address 253 Main St. Suite 385
Address Matawan, NJ 07747 Matawan, NJ 07747
(732) 721-4600 (732) 721-4600
Tel. (732) 772-5421 License No. 049736
Federal Employee No. 821248031

ACTION

- ☒ CERTIFICATE OF OCCUPANCY
☐ CERTIFICATE OF CONTINUED OCCUPANCY
☐ LEAD HAZARD ABATEMENT CERTIFICATE OF CLEARANCE
☐ TEMPORARY CERTIFICATE OF OCCUPANCY

USE GROUP R5 Previous R5 Current

FINAL COST OF CONSTRUCTION: \$ 133450

(Include value of any new structure, all on-site improvements, built-in furnishings and fixtures and all integral equipment exclusive of process or manufacturing equipment.)

Describe below any substantive deviation in dimension, lay out or appearance of the building or structure from the released plans and specifications filed with the construction permit application. Please note, a set of amended drawings may be required.

If you are requesting a Temporary Certificate of Occupancy, please explain why in the space below.

DESCRIPTION OF WORK/USE:
NEW SINGLE FAMILY TOWNHOME

I hereby attest that to the best of my knowledge, the completed project meets the conditions of the construction permit and all prior approvals, and all work has been completed substantially in accordance with the code and with those portions of the plans and specifications controlled by the code, with any substantial deviations noted. Incomplete items listed on a Temporary Certificate of Occupancy will be completed by the date on the Certificate.

SIGNED: [Signature] OWNER/AGENT

☐ OWNER ☒ AGENT

**Council on Affordable Housing (COAH) Fee**

Block: 701 Lot: 9.05 302 Discovery Rd.

General **Fees** Payments

General

Date: 10/11/2019 Application Type: Residential Application Number: ZA-19-01229

Values

Sq. Ft.: 2087
Cost / Sq. Ft.: 120
Estimated Assessed Value: 250,440
Actual Assessed Value:
Equalized Value: 182,600
Land Value:

- ☐ Use Cost / Sq. Ft. for Calculation
☒ Use % of Assessed Value for Calculation

Contributions

Initial % Due: 0.5
% Required: 1
Estimated Contribution Fee: 2504.4
Actual Contribution Fee: 0

- ☒ Use Estimated Fee for Payment Due
☐ Use Actual Fee for Payment Due

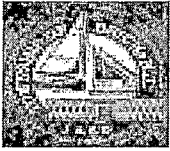
Notes

Prelim Fees Due: \$1252.00

*Final Due \$574**OK
10-11-19
cm*

OK

Cancel



Brick Township
401 Chambers Bridge Rd.
Brick, NJ 08723
(732) 262-1041

Date Issued:

11/26/19

Application Number: ZA-19-01229

Application Date: 10/8/2019

Project Number:

Permit Number:

ZP-19-01286

Fee:

\$75.00

Zoning Permit

Worksite **302 Discovery Rd.**
Location: **Building #18 , New Visions**
Brick Township, NJ 08723

Owner: **HEXA L10, JV, LLC**
Address: **2355 RT. 33, Suite #2**
Robbinsville , NJ 08691

Applicant: **HEXA L10 JV, LLC**
Address: **253 MAIN ST STE 385**
MATAWAN, NJ 07747

Block: **701** Lot: **9.05** Qualifier: **C1802** Zone: **MUOZ**

This Certifies that an application for the issuance of a Zoning Permit has been examined.

Present Use: **Multi-Family Residential**

☐ Non Conforming Use

☐ Non Conforming Structure

Proposed Use: **Multi-Family Residential (New Visions)**

Work Description:

New Building, Deck/Porch - New Townhouse #302 PRIDE (Plan) New Visions
Building #18 2087 sq. ft.
Site Plan approved by the Planning Board
Application No. 2700 (2659) A- PSP- V - FSP- CU 8/11
Resolution No. R-38-11
Approved on December 14, 2011/
December 16, 2015 (Deck)

Additional Zoning permit is required for additional work.

Application Approved Date: 10/11/2019

Upon review it was determined that the Zoning Permit:

☒ Permitted by Ordinance

☐ Permitted by Variance approved on: _____

☐ Approved with Conditions

☐ Valid Nonconforming Use/Structure is established by

☐ Zoning Board of Adjustment

☐ Zoning Officer

Christopher J. Romano, Zoning Officer

10/11/2019

Date

Community Development and Land Use

401 Chambers Bridge Rd.

Brick NJ 08723

(732) 262-1041



Receipt

Payment Date 11/25/2019

Transaction # PMT-19-10259

Receipt #

Issued To HEXA L10 JV LLC

Description PRELIMINARY AFFORDABLE HOUSING
BLOCK 701 LOT 9.05
302 DISCOVERY ROAD

Date Printed 11/25/2019

Check Number 0456

Cash \$0.00

Check \$1,252.00

Charge \$0.00

Total Paid \$1,252.00



PERMIT UPDATE

Date Update Issued 11/26/19
Control # C-19-003666+B
Permit # +B

19-3005

IDENTIFICATION Block: 701 Lot: 9.05 Qualifier C1802
Work Site Location: 302 DISCOVERY RD PROTO PRIDE BLDG 18, NJ Contractor HEXA L10 JV, LLC
Address 253 MAIN ST STE 385 MATAWAN NJ 07747
Owner in Fee HEXA L10 JV LLC
2355 RT 33 STE 2 ROBBINSVILLE NJ 08691 Telephone: (732) 539-9385
Telephone: (732) 772-5421 Lic. No. or Bldrs. Reg. No. 049736
Federal Employee No. 821248031

Is hereby granted permission to perform the following work:

- | | | |
|---|--|--|
| ☐ BUILDING | ☐ PLUMBING | ☐ LEAD HAZARD ABATEMENT |
| ☐ ELECTRICAL | ☒ FIRE PROTECTION | ☐ DEMOLITION |
| ☐ ELEVATOR DEVICES | ☐ ASBESTOS ABATEMENT
(Subchapter 8 only) | ☐ OTHER |

DESCRIPTION OF WORK:

DECK, Multi Family Dwelling ... BLDG 18 (PRIDE) ... UPDATE +B- RANGE & DRYER

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$250

D. N. Numan
Construction Official

Date 11/31/19

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$0
Plumbing	\$0
Fire Protection	\$112
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$0
CO Fee	
Other	\$0
Total	\$112
Check No.	
Cash	\$0
Credit	\$0
Collected By	<u>[Signature]</u>

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.



PERMIT UPDATE

Date Update Issued 01/26/19
Control # C-19-003666+A
Permit # +A

19-3005

IDENTIFICATION Block: 701 Lot: 9.05 Qualifier C1802
Work Site Location: 302 DISCOVERY RD PROTO PRIDE BLDG 18, NJ Contractor HEXA L10 JV, LLC
Address 253 MAIN ST STE 385 MATAWAN NJ 07747
Owner in Fee HEXA L10 JV LLC
2355 RT 33 STE 2 ROBBINSVILLE NJ 08691 Telephone: (732) 539-9385
Telephone: (732) 772-5421 Lic. No. or Bldrs. Reg. No. 049736
Federal Employee. No. 821248031

Is hereby granted permission to perform the following work:

- ☐ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☐ ELECTRICAL ☒ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

DECK, Multi Family Dwelling ... BLDG 18 (PRIDE) ... UPDATE +A- GAS FURNACE

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$500

Construction Official [Signature]

Date 1/21/19

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building \$0
Electrical \$0
Plumbing \$0
Fire Protection \$64
Elevator Devices \$0
Other \$0.00
DCA Training Fee \$0
CO Fee \$0
Other \$0
Total \$64

Check No. 11/26/17
Cash \$0
Credit \$0
Collected By: [Signature]

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.



CONSTRUCTION PERMIT

Date Issued 11/26/19
Control # C-19-003666
Permit # 19-3005

IDENTIFICATION Block: 701 Lot: 9.05 Qualifier C1802
Work Site Location: 302 DISCOVERY RD PROTO PRIDE BLDG 18, NJ Contractor HEXA L10 JV, LLC
Owner in Fee HEXA L10 JV, LLC Address 253 MAIN ST STE 385 MATAWAN NJ 07747
2355 RT 33 STE 2 ROBBINSVILLE NJ 08691 Telephone: (732) 539-9385
Telephone: (732) 772-5421 Lic. No. or Bldrs. Reg. No. 049736
Federal Employee No. 821248031

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☒ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

DECK, Multi Family Dwelling ... BLDG 18 (PRIDE)

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$133,450

Construction Official [Signature]

Date 11/21/19

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

PAYMENTS (Office Use Only)

Building	\$1,013
Electrical	\$278
Plumbing	\$710
Fire Protection	\$64
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$97
CO Fee	\$298.00
Other	\$0
Total	\$2,460
Check No. <u>0255</u>	
Cash	\$0
Credit	\$0
Collected By <u>[Signature]</u>	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

- ☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:
1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
 2. Foundations and all walls up to grade level prior to back filling.
 3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
 4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

- ☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

- ☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

- ☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

PRIDE - Bldg. 18 ENGINEERING PERMIT APPLICATION

RECEIVING CLERK: _____

PERMIT #: _____

BLOCK: 701 LOT: 9 ADDRESS: 302 Discovery Rd - Bld 18

IDENTIFICATION:

1. WORK SITE ADDRESS: 302 Discovery Rd

2. NAME OF OWNER IN FEE: _____

ADDRESS: HEXA L10, JV, LLC
2355 RT 33 Suite # 2 PHONE #: (732) 772-5421
Robbinsville, NJ 08691
FAX #: (732) 863-1123

3. PRINCIPAL CONTRACTOR: _____

ADDRESS: Hexa L10, JV, LLC PHONE #: (732) 721-4600
253 Main St. Suite 385
Matawan, NJ 07747
(732) 721-4600 FAX #: (732) 863-1123

4. ARCHITECT OR ENGINEER: JV Engineering

ADDRESS: 706 Tall Oaks Dr. Brick NJ PHONE: # (732) 539-

5. RESPONSIBLE PERSON FOR WORK: Bemba Balcirow

ADDRESS: Hexa L10, JV, LLC
253 Main St. Suite 385
Matawan, NJ 07747
(732) 721-4600
PHONE #: () FAX #: (732) 863-1123 E-MAIL: bemba.b@espocon.net

PROJECT DESCRIPTION: ☐ GRADING/CLEARING ☐ ROAD OPENING
☐ SOIL REMOVAL/FILL ☐ RETAINING WALL ☐ POOL
☐ BULKHEAD/DOCK ☐ DWELLING ☐ TREE REMOVAL

☒ OTHER New Single Family Townhome - New Visions

LENGTH: _____ WIDTH: _____ HEIGHT: _____

FEE SUMMARY:

APPLICATION FEE: \$ _____

REVIEW FEE: \$ _____

INSPECTION FEE: \$ _____

OTHER: \$ _____

BOND(S): \$ _____

TOTAL: \$ _____

SPECIAL CONDITIONS:

OCEAN COUNTY SOILS: _____

DRAINAGE EASEMENTS: _____

UTILITY EASEMENTS: _____

CONSERVATION EASEMENTS: _____

FEMA REQUIREMENTS: _____

D.E.P. PERMITS: _____

BOARD APPROVAL: ☒ PB ☐ ZB

APPLICATION NUMBER: 2700(2659)

APPROVED DATE: 12/14/11

ENGINEERING REVIEW:

DATE RECEIVED: _____ DATE REJECTED: _____ DATE APPROVED: _____ INITIALS: _____

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST BRICK, NEW JERSEY 08724 458-7000

WATER SERVICE PERMIT

Block: 701 Lot: 9.05
302 Discovery Rd

Bldg 18

Hexa L10, JV, LLC
253 Main St. Suite 385
Matawan, NJ 07747
(732) 721-4600

ACCOUNT # 11437828 METER # _____ METER MFG. _____

SIZE OF SVC LINE 1" METER SIZE 1"

CONNECTION FEE \$ _____

INSPECTIONS

15.00

	Date 1st	Insp. 2nd	Comment	Inspector
A. Service Line				
B. Curb Connection				
C. House Conn. & Mtr				
D. Cross-Connection				

Inspector

Homeowner/Applicant

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST BRICK, NEW JERSEY 08724 458-7000

SEWER SERVICE PERMIT

Block: 701 Lot: 9.05
302 Discovery Rd

Bldg 18

CONTRACT NO. _____

Hexa L10, JV, LLC
253 Main St. Suite 385
Matawan, NJ 07747
(732) 721-4600

ACCOUNT # 11437828

SIZE OF SVC LINE 4"

CONNECTION FEE \$ _____

INSPECTION FEE \$ 15.00

DIST: Y DIST: Y
LENGTH _____ DEPTH _____

STREET NAME _____

INSPECTIONS

A. Lateral

B. Curb Connection

C. House Connections

	Date 1st	Date 2nd	Comments	Inspector
A. Lateral				
B. Curb Connection				
C. House Connections				

Inspector

Homeowner/Applicant

Plumber

Date

Lisc. No.

Township of Brick

SINGLE FAMILY DWELLING

REVISED 09/29/16

302 DISCOVERY Rd
C1802

Bldg 18 Pride

1. Construction Jacket signed & completed – Front and inside the jacket filled out completely. Must complete Section VI for Single Family Dwelling.	Yes ☒	NO ☐
2. Zoning Application completely filled out (All Sections)	Yes ☒	NO ☐
3. Engineering Form completely filled out (All Sections) Single Family Dwelling Checklist Major Sub Division	Yes ☒	NO ☐
4. Copy of Ocean County Soils Certification (609)971-7002 714 Lacey Road, Forked River, NJ 08731	Yes ☒	NO ☐
5. Four true size SEALED Plot Plans with Topography (Refer to the Engineering Plot Plan checklist & Zoning Plot Plan Requirements)	Yes ☒	NO ☐
6. Bldg/Plmg/Electrical/ Fire Subcode Techs completed. (Plumbing & Electric must be sealed if applicable)	Yes ☒	NO ☐
7. Two sets of plans – Make sure all plans indicate the current codes. Architectural Plans must be signed and sealed by a licensed design professional. If homeowner drawings – all pages must be signed by the homeowner as well as the Oath. If requesting a partial release we will need an extra set of the footing/foundation plans SEALED. Partial release includes Zoning, Engineering, Affordable Housing and Building.	Yes ☒	NO ☐
8. If using engineered floor joists (TJI), must be submitted at time of application signed and sealed by a NJ licensed design professional.	Yes ☒	NO ☐
9. Energy Code Compliance Report REScheck (www.energycodes.gov)	Yes ☒	NO ☐
10. Manufacturer brochures indicating specs and install (Furnace, Boiler, A/C, Fireplace)	Yes ☒	NO ☐
11. Two gas pipe drawings– Indicate Tee's, BTU's, Hook-ups, length of run and size of pipe. <i>in plans</i>	Yes ☒	NO ☐
12. Two Drain Waste Vent schematic – Sealed if prepared by a licensed professional. <i>in plans</i>	Yes ☒	NO ☐
13. BTMUA Availability Statement – (732)458-7000	Yes ☒	NO ☐
14. Completed debris form	Yes ☒	NO ☐
15. Copy of current Home Builders Warranty	Yes ☒	NO ☐
16. Modular Homes – Separate the cost – The house is new SFD. Site prep & all other work onsite – Alteration	Yes ☐	NO ☐
17. Heat Loss Calculation	Yes ☒	NO ☐

CO SINGLE FAMILY DWELLING

Certificate requirements

[print](#)
[reset defaults](#)
[check all](#)
[complete](#)

CERTIFICATE OF OCCUPANCY CHECKLIST**SUBCODES**

Approved Final Building Inspection

[comment](#)☒☐

Approved Final Electric Inspection

[comment](#)☒☐

Approved Final Plumbing Inspection

[comment](#)☒☐

Approved Final Fire Inspection

[comment](#)☒☐

Approved Final Elevator Inspection (If Applicable)

[comment](#)☐☒**PRIOR APPROVALS**

Approval from Division of Engineering (Two Sealed Final As-Built Surveys and Two Sealed Final Elevation Certificates)

[comment](#)☒☐**handed in final asbuilts gave to eng. with jacket 8/5/2020 MFF Passed 8/14/2020 rec'd in bldg. 8/17/2020 MFF**

Certificate of Compliance from the BTMUA (732) 458-7000

[comment](#)☒☐

Final Ocean County Soil Conservation 714 Lacey Rd. Forked River (609) 971-7002

[comment](#)☒☐

New Home Warranty or Affidavit of Waiving Home Warranty as per N.J.S.A. 46:3B-1 et seq.

[comment](#)☒☐

Final Affordable Housing Payment

[comment](#)☒☐**Sent to AH with Jacket 8/17/2020 MFF Final AH Due \$574 - emailed Bemba on 8/26/2020 MFF Paid 8/26/2020 MFF**

Garbage Can Receipt (Fee to be Collected by the Division of Inspections)

[comment](#)☒☐

Recycling Can Receipt (Fee to be Collected by the Division of Inspections)

[comment](#)☒☐

Completed CO Application

[comment](#)☒☐

All Updates have been approved

[comment](#)☒☐

All open permits on property have been closed

[comment](#)☒☐This checklist has been given to: [\(edit\)](#)

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724
(732) 458-7000

CERTIFICATE OF COMPLIANCE

Hexa L10, JV, LLC
253 Main St. Suite 385
Matawan, NJ 07747
(732) 721-4600

Date 8/21/20

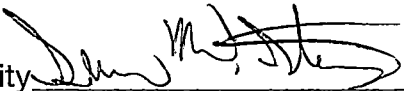
NAME ~~Nobility Crest @ Brick LLC~~

ADDRESS ~~2101 Rte. 34 #1802 Wall NJ 07719-9104~~

PROPERTY LOCATION 302 Discovery Rd.

Account No 11437828-0 Block 701 Lot 9.05

I hereby certify that the above applicant has complied with all Rules and Regulations of this Authority and has paid all required fees and charges.

For the Authority 

PRIDE Bldg 18

RECEIVING CLERK _____
DATE REC'D _____

ZONING PERMIT APPLICATION

PERMIT # ZP-19-01286
DATE ISSUED 11/26/19BLOCK: 701 LOT: 9 QUALIFIER: C1802 SITE ADDRESS: 302 Discovery Rd, Bld. 18

IDENTIFICATION:

1. NAME OF OWNER IN FEE: HEXA L10, JV, LLC
COMPLETE ADDRESS: 2355 RT 33 Suite # 2
Robbinsville, NJ 08604
- PHONE # (732) 772-5421 EMAIL: bemba.b@espocon.net
2. NAME OF APPLICANT: Hexa L10, JV, LLC
APPLICANT ADDRESS: 253 Main St. Suite 385
Matawan, NJ 07747
(732) 721-4600
- PHONE # (732) 721-4600 EMAIL: bemba.b@espocon.net
3. RESPONSIBLE PERSON FOR WORK: Bemba Balsirwa
PHONE # (732) 772-5421 FAX # (732) 862-1123
4. SIGNATURE OF APPLICANT: Bemba Bal

FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: \$ 15-
OTHER: \$ _____
TOTAL: \$ 15-

REQUIRED BY APPLICANT

RESIDENTIAL: ☒
COMMERCIAL: _____
EXISTING USE: Multi Family Townhomes
PROPOSED USE: " " "BOARD APPROVAL: ☒ PB _____ ZB _____
RESOLUTION #: R-38-11
APPROVAL DATE: 12/14/11

PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)

*NEW BUILDING: _____ *ADDITION _____ *ALTERATION _____ *PORCH _____ *DECK 10 x 14

POOL: ABOVE GROUND _____ IN GROUND _____ FENCE: HEIGHT _____ TYPE _____ MATERIAL _____

HEIGHT: _____ (*IF APPLICABLE)

OTHER _____

DESCRIPTION: New Single Family Townhomes - New Visions

ZONING REVIEW:

DATE REVIEWED: 10-11-19 DATE DENIED: _____ DATE APPROVED: 10-11-19 INTLS: C

(SEE BACK PAGE)

TOWNSHIP OF BRICK ZONING CHECKLIST

1) Four(4) copies of plot plan containing:

- All existing and proposed structures
- All dimensions of the lot and structures
- All setbacks from the structures to the property lines
- All adjacent streets and waterways
- If applicable, include a copy of the Zoning Board of Adjustment Resolution, the date that the map was signed, and/or the date that the subdivision map was filed with the Ocean County Clerk, along with the file map and number.

2) Two copies of the plans with dimensions and heights noted:

- Floor plans and elevations
- Signed site plans
- Property map
- Survey map

Choose which is applicable for submission

3) Plot plans and building plans must match for complete review

NOTE: NO PARTIAL, TAPED, FAXED, REDUCED OR ENLARGED COPIES CAN BE ACCEPTED

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Information

	Htg	Clg	Infiltration	Simplified
Outside db (°F)	16	88	Method	Average
Inside db (°F)	68	75	Construction quality	
Design TD (°F)	52	13	Fireplaces	
Daily range	-	M		
Inside humidity (%)	50	50		
Moisture difference (gr/lb)	41	29		

0

HEATING EQUIPMENT

Make Goodman Mfg.
Trade GOODMAN
Model GMVC80604BXB
AHRI ref 5012585

Efficiency 80 AFUE
Heating input 60000 Btuh
Heating output 48000 Btuh
Temperature rise 50 °F
Actual air flow 875 cfm
Air flow factor 0.023 cfm/Btuh
Static pressure 0 in H2O
Space thermostat

COOLING EQUIPMENT

Make Goodman Mfg.
Trade GOODMAN; JANITROL; AMANA DISTI...
Cond GSX140311K
Coil CAPT3743A4A
AHRI ref 7516517

Efficiency 12.0 EER, 14.5 SEER
Sensible cooling 19740 Btuh
Latent cooling 8460 Btuh
Total cooling 28200 Btuh
Actual air flow 875 cfm
Air flow factor 0.034 cfm/Btuh
Static pressure 0 in H2O
Load sensible heat ratio 0.96

ROOM NAME	Area (ft²)	Htg load (Btuh)	Clg load (Btuh)	Htg AVF (cfm)	Clg AVF (cfm)
Ground Floor	320	9481	6340	223	215
First Floor	640	16514	11500	388	390
Second Floor	640	11277	7986	265	271
Entire House	1600	37271	25826	875	875
Other equip loads		0	0		
Equip. @ 0.93 RSM			24095		
Latent cooling			948		
TOTALS	1600	37271	25044	875	875

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Project Information

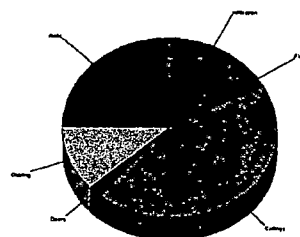
For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Conditions

Location:		Indoor:		Heating	Cooling
Monmouth Executive, NJ, US		Indoor temperature (°F)		68	75
Elevation: 161 ft		Design TD (°F)		52	13
Latitude: 40°N		Relative humidity (%)		50	50
		Moisture difference (gr/lb)		41.3	29.2
Outdoor:	Heating	Cooling	Infiltration:		
Dry bulb (°F)	16	88	Method		Simplified
Daily range (°F)	-	16 (M)	Construction quality		Average
Wet bulb (°F)	-	72	Fireplaces		0
Wind speed (mph)	15.0	7.5			

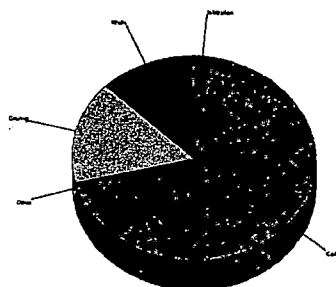
Heating

Component	Btuh/ft²	Btuh	% of load
Walls	3.8	9386	25.2
Glazing	29.6	4268	11.5
Doors	20.3	852	2.3
Ceilings	10.2	16331	43.8
Floors	0.8	1248	3.3
Infiltration	1.9	5186	13.9
Ducts		0	0
Piping		0	0
Humidification		0	0
Ventilation		0	0
Adjustments		0	0
Total		37271	100.0



Cooling

Component	Btuh/ft²	Btuh	% of load
Walls	1.3	3307	12.8
Glazing	29.2	4200	16.3
Doors	10.4	437	1.7
Ceilings	10.7	17184	66.5
Floors	0	0	0
Infiltration	0.3	698	2.7
Ducts		0	0
Ventilation		0	0
Internal gains		0	0
Blower		0	0
Adjustments		0	0
Total		25826	100.0



Latent Cooling Load = 948 Btuh
 Overall U-value = 0.105 Btuh/ft²·°F

Data entries checked.

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Conditions

Location:		Indoor:		Heating	Cooling
Monmouth Executive, NJ, US		Indoor temperature (°F)		68	75
Elevation: 161' ft		Design TD (°F)		52	13
Latitude: 40°N		Relative humidity (%)		50	50
		Moisture difference (gr/lb)		41.3	29.2
Outdoor:	Heating	Cooling	Infiltration:		
Dry bulb (°F)	16	88	Method	Simplified	
Daily range (°F)	-	16 (M)	Construction quality	Average	
Wet bulb (°F)	-	72	Fireplaces	0	
Wind speed (mph)	15.0	7.5			

Construction descriptions

	Or	Area ft²	U-value Btu/hft²·°F	Insul R ft²·°F/Btu	Htg HTM Btu/hft²	Loss Btu/h	Clg HTM Btu/hft²	Gain Btu/h
Walls								
12B-0sw: Frm wall, vni ext, 3/8" wood shth, r-11 cav ins, 2"x4" wood frm, 16" o.c. stud	n	144	0.097	11.0	5.04	726	2.35	339
	e	180	0.097	11.0	5.04	908	2.35	423
	s	103	0.097	11.0	5.04	520	2.35	242
	w	180	0.097	11.0	5.04	908	2.35	423
	all	607	0.097	11.0	5.04	3062	2.35	1428
12F-0sw: Frm wall, vni ext, 3/8" wood shth, r-30 cav ins, 2"x4" wood frm, 16" o.c. stud	n	207	0.065	21.0	3.38	700	1.00	208
	e	720	0.065	21.0	3.38	2434	1.00	723
	s	224	0.065	21.0	3.38	757	1.00	225
	w	720	0.065	21.0	3.38	2434	1.00	723
	all	1871	0.065	21.0	3.38	6324	1.00	1879
Partitions								
(none)								
Windows								
1D-c2ow: 2 glazing, clr outr, air gas, wd frm mat, clr innr, 1/4" gap, 1/4" thk; 6.67 ft head ht	n	60	0.570	0	29.6	1778	18.4	1103
	s	20	0.570	0	29.6	593	30.7	614
	s	64	0.570	0	29.6	1897	30.7	1966
	all	144	0.570	0	29.6	4268	25.6	3683
Doors								
11D0: Door, wd sc type	n	21	0.390	0	20.3	426	10.4	218
	s	21	0.390	0	20.3	426	10.4	218
	all	42	0.390	0	20.3	852	10.4	437
Ceilings								
16A-7ad: Attic ceiling, asphalt shingles roof mat, r-7 cell ins, 1/2" gypsum board int fnsh		640	0.112	7.0	5.82	3727	7.86	5028
C part ceiling: C part ceiling, r-2 ins, frm flr, 6" thkns, 1/2" gypsum board int fnsh		320	0.234	2.0	12.2	3889	11.7	3751
C part ceiling: C part ceiling, r-2 ins, frm flr, 6" thkns		640	0.262	2.0	13.6	8715	13.1	8405

Floors

21B-28t: Bg floor, light dry soil, prm int ins cov, 6.5' depth, r-3 ins

	320	0.015	3.0	0.78	250	0	0
	640	0.015	3.0	0.78	499	0	0
	640	0.015	3.0	0.78	499	0	0
all	1600	0.015	3.0	0.78	1248	0	0

Project Information

For:

_____ers

Design Conditions

Location:		Indoor:		Heating	Cooling
Monmouth Executive, NJ, US		Indoor temperature (°F)		68	75
Elevation: 161 ft		Design TD (°F)		52	13
Latitude: 40°N		Relative humidity (%)		50	50
		Moisture difference (gr/lb)		41.3	29.2
Outdoor:		Heating	Cooling		
Dry bulb (°F)	16	88			
Daily range (°F)	-	16 (M)			
Wet bulb (°F)	-	72			
Wind speed (mph)	15.0	7.5			
		Infiltration:		Simplified	
		Method		Average	
		Construction quality		0	
		Fireplaces			

Construction descriptions

	Or	Area ft²	U-value Btu/h-ft²-°F	Insul R ft²-°F/Btu/h	Htg HTM Btu/h-ft²	Loss Btu/h	Cig HTM Btu/h-ft²	Gain Btu/h
Walls								
12B-0sw: Frm wall, vnl ext, 3/8" wood shth, r-11 cav ins, 2"x4" wood	n	144	0.097	11.0	5.04	726	2.35	339
frm, 16" o.c. stud	e	180	0.097	11.0	5.04	908	2.35	423
	s	103	0.097	11.0	5.04	520	2.35	242
	w	180	0.097	11.0	5.04	908	2.35	423
	all	607	0.097	11.0	5.04	3062	2.35	1428
Partitions								
(none)								
Windows								
1D-c2ow: 2 glazing, clr outr, air gas, wd frm mat, clr innr, 1/4" gap,	s	20	0.570	0	29.6	593	30.7	614
1/4" thk; 6.67 ft head ht								
Doors								
11D0: Door, wd sc type	s	21	0.390	0	20.3	426	10.4	218
Ceilings								
C part ceiling,: C part ceiling, r-2 ins, frm flr, 6" thkns, 1/2" gypsum		320	0.234	2.0	12.2	3889	11.7	3751
board int fnsh								
Floors								
21B-28t: Bg floor, light dry soil, prm int ins cov, 6.5' depth, r-3 ins		320	0.015	3.0	0.78	250	0	0

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Conditions

Location:		Indoor:		Heating	Cooling
Monmouth Executive, NJ, US		Indoor temperature (°F)		68	75
Elevation: 161 ft		Design TD (°F)		52	13
Latitude: 40°N		Relative humidity (%)		50	50
		Moisture difference (gr/lb)		41.3	29.2
Outdoor:	Heating	Cooling	Infiltration:		
Dry bulb (°F)	16	88	Method	Simplified	
Daily range (°F)	-	16 (M)	Construction quality	Average	
Wet bulb (°F)	-	72	Fireplaces	0	
Wind speed (mph)	15.0	7.5			

Construction descriptions

	Or	Area ft²	U-value Btu/ft²·°F	Insul R ft²·°F/Btu	Htg HTM Btu/ft²	Loss Btu/h	Clg HTM Btu/ft²	Gain Btu/h
Walls								
12F-0sw: Frm wall, vnl ext, 3/8" wood shth, r-30 cav ins, 2"x4" wood	n	95	0.065	21.0	3.38	321	1.00	95
frm, 16" o.c. stud	e	360	0.065	21.0	3.38	1217	1.00	362
	s	112	0.065	21.0	3.38	379	1.00	112
	w	360	0.065	21.0	3.38	1217	1.00	362
	all	927	0.065	21.0	3.38	3133	1.00	931
Partitions								
(none)								
Windows								
1D-c2ow: 2 glazing, clr outr, air gas, wd frm mat, clr innr, 1/4" gap,	n	28	0.570	0	29.6	830	18.4	515
1/4" thk; 6.67 ft head ht	s	32	0.570	0	29.6	948	30.7	983
	all	60	0.570	0	29.6	1778	25.0	1498
Doors								
11D0: Door, wd sc type	n	21	0.390	0	20.3	426	10.4	218
Ceilings								
C part ceiling,: C part ceiling, r-2 ins, frm flr, 6" thkns		640	0.262	2.0	13.6	8715	13.1	8405
Floors								
21B-28t: Bg floor, light dry soil, prm int ins cov, 6.5' depth, r-3 ins		640	0.015	3.0	0.78	499	0	0

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Conditions

Location:		Indoor:		Heating	Cooling
Monmouth Executive, NJ, US		Indoor temperature (°F)		68	75
Elevation: 161 ft		Design TD (°F)		52	13
Latitude: 40°N		Relative humidity (%)		50	50
		Moisture difference (gr/lb)		41.3	29.2
Outdoor:	Heating	Cooling	Infiltration:		
Dry bulb (°F)	16	88	Method		
Daily range (°F)	-	16 (M)	Construction quality		
Wet bulb (°F)	-	72	Simplified		
Wind speed (mph)	15.0	7.5	Average		
			Fireplaces		
			0		

Construction descriptions

Walls

12F-0sw: Frm wall, vnl ext, 3/8" wood shth, r-30 cav ins, 2"x4" wood
frm, 16" o.c. stud

Or	Area ft²	U-value Btu/ft²·°F	Insul R ft²·°F/Btu	Htg HTM Btu/ft²	Loss Btu	Clg HTM Btu/ft²	Gain Btu
n	112	0.065	21.0	3.38	379	1.00	112
e	360	0.065	21.0	3.38	1217	1.00	362
s	112	0.065	21.0	3.38	379	1.00	112
w	360	0.065	21.0	3.38	1217	1.00	362
all	944	0.065	21.0	3.38	3191	1.00	948

Partitions (none)

Windows

1D-c2ow: 2 glazing, clr outr, air gas, wd frm mat, clr innr, 1/4" gap,
1/4" thk; 6.67 ft head ht

n	32	0.570	0	29.6	948	18.4	588
s	32	0.570	0	29.6	948	30.7	983
all	64	0.570	0	29.6	1897	24.6	1571

Doors (none)

Ceilings

16A-7ad: Attic ceiling, asphalt shingles roof mat, r-7 ceil ins, 1/2"
gypsum board int fnsh

640	0.112	7.0	5.82	3727	7.86	5028
-----	-------	-----	------	------	------	------

Floors

21B-28t: Bg floor, light dry soil, prm int ins cov, 6.5' depth, r-3 ins

640	0.015	3.0	0.78	499	0	0
-----	-------	-----	------	-----	---	---

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Notes:

Design Information

Weather: Monmouth Executive, NJ, US

Winter Design Conditions

Outside db	16 °F
Inside db	68 °F
Design TD	52 °F

Summer Design Conditions

Outside db	88 °F
Inside db	75 °F
Design TD	13 °F
Daily range	M
Relative humidity	50 %
Moisture difference	29 gr/lb

Heating Summary

Structure	37271 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	37271 Btuh

Sensible Cooling Equipment Load Sizing

Structure	25826 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.93
Equipment sensible load	24095 Btuh

Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	0

Latent Cooling Equipment Load Sizing

Structure	948 Btuh
Ducts	0 Btuh
Central vent (0 cfm)	0 Btuh
Equipment latent load	948 Btuh
Equipment total load	25044 Btuh
Req. total capacity at 0.70 SHR	2.9 ton

	Heating	Cooling
Area (ft²)	1600	1600
Volume (ft³)	14400	14400
Air changes/hour	0.38	0.20
Equiv. AVF (cfm)	91	48

Heating Equipment Summary

Make	Goodman Mfg.
Trade	GOODMAN
Model	GMVC80604BXXB
AHRI ref	5012585
Efficiency	80 AFUE
Heating input	60000 Btuh
Heating output	48000 Btuh
Temperature rise	50 °F
Actual air flow	875 cfm
Air flow factor	0.023 cfm/Btuh
Static pressure	0 in H2O
Space thermostat	

Cooling Equipment Summary

Make	Goodman Mfg.
Trade	GOODMAN; JANITROL; AMANA DISTI...
Cond	GSX140311K
Coil	CAPT3743A4A
AHRI ref	7516517
Efficiency	12.0 EER, 14.5 SEER
Sensible cooling	19740 Btuh
Latent cooling	8460 Btuh
Total cooling	28200 Btuh
Actual air flow	875 cfm
Air flow factor	0.034 cfm/Btuh
Static pressure	0 in H2O
Load sensible heat ratio	0.96

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Residential Plans Examiner Review Form for HVAC System Design (Loads, Equipment, Ducts)

Form
RPER 1
15 Mar 09

Header Information

Contractor:

Mechanical license:

Air-conditioning

Building plan #:

Home address (Street or Lot#, Block, Subdivision): , Entire House

REQUIRED ATTACHMENTS

Manual J1 Form (and supporting worksheets):
or MJ1AE Form* (and supporting worksheets):

OEM performance data (heating, cooling, blower):

Manual D Friction Rate Worksheet:

Duct distribution sketch:

ATTACHED

Yes	☐	No	☐
Yes	☐	No	☐
Yes	☐	No	☐
Yes	☐	No	☐

HVAC LOAD CALCULATION (IRC M1401.3)

Design Conditions

Winter Design Conditions

Outdoor temperature: 16 °F
Indoor temperature: 68 °F
Total heat loss: 37271 Btuh

Summer Design Conditions

Outdoor temperature: 88 °F
Indoor temperature: 75 °F
Grains difference: 29 gr/lb @50% RH
Sensible heat gain: 27680 Btuh
Latent heat gain: 1016 Btuh
Total heat gain: 28697 Btuh

Building Construction Information

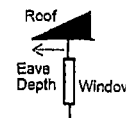
Building

Orientation: Front Door faces North
North, East, West, South, Northeast, Northwest, Southeast, Southwest

Number of bedrooms: 1
Conditioned floor area: 1600 ft²
Number of occupants: 0

Windows

Eave overhang depth: 0 ft
Internal shade: none
Blinds, drapes, etc.
Number of skylights: 0



HVAC EQUIPMENT SELECTION (IRC M1401.3)

Heating Equipment Data

Equipment type: Gas furnace
Furnace, Heat pump, Boiler, etc.
Model: Goodman Mfg.
GMVC80604BXB
Heating output capacity: 48000 Btuh
Heat pumps - capacity at winter design outdoor conditions
Aux. heating output capacity: 0 Btuh

Cooling Equipment Data

Equipment type: Split AC
Air Conditioner, Heat pump, etc.
Model: Goodman Mfg.
GSX140311K+CAPT3743A4A
Total cooling capacity: 27618 Btuh
Sensible cooling capacity: 24012 Btuh
Latent cooling capacity: 3606 Btuh

Blower Data

Heating cfm: 875
Cooling cfm: 875
Static pressure: 0 in H2O
Fan's rated external static pressure for design airflow

HVAC DUCT DISTRIBUTION SYSTEM DESIGN (IRC M1601.1)

Design airflow: 875 cfm
Equipment design ESP: 0 in H2O
Total device pressure losses: 0 in H2O
Available static pressure (ASP): 0 in H2O
Longest supply duct: 0 ft
Longest return duct: 0 ft
Total effective length (TEL): 0 ft
Friction rate: 0 in/100ft
Duct Materials Used
Trunk duct:
Branch duct: Sheet metal
Friction Rate = $ASP \div (TEL \times 100)$

I declare the load calculation, equipment, equipment selection and duct design were rigorously performed based on the building plan listed above. I understand the claims made on these forms will be subject to review and verification.

Contractor's printed name:

Contractor's signature:

Date:

Reserved for County, Town Municipality or Authority having jurisdiction use.

*Home qualifies for MJ1AE Form based on Abridged Edition Checklist

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Criteria

Occupants	
Age	Number
0-5	0
6-13	2
14-59	2
60+	0

Not occupied during the day	
Dishwasher	
Clothes washer	
Additional use (gpd)	0
Setpoint (°F)	120
Daily use (gpd)	61

Gas conventional (40 gal, 0.60 EF)

Manufacturer
Trade name
Model
AHRI ref. number

Tank size (gal)	40
Energy factor	0.60
Input (MBtuh)	0.0
1st hour (gal)	60
Recovery eff. (%)	77

wrightsoft Manual S Compliance Report
Entire House

Job:
Date: May 25, 2018
By:

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Cooling Equipment

Design Conditions

Outdoor design DB:	88.3°F	Sensible gain:	25826	Btuh	Entering coil DB:	75.0°F
Outdoor design WB:	72.3°F	Latent gain:	948	Btuh	Entering coil WB:	62.5°F
Indoor design DB:	75.0°F	Total gain:	26774	Btuh		
Indoor RH:	50%	Estimated airflow:	875	cfm		

Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Split AC		
Manufacturer:	Goodman Mfg.	Model:	GSX140311K+CAPT3743A4A
Actual airflow:	875	cfm	
Sensible capacity:	24012	Btuh	93% of load
Latent capacity:	3606	Btuh	380% of load
Total capacity:	27618	Btuh	103% of load SHR: 87%

Heating Equipment

Design Conditions

Outdoor design DB:	16.0°F	Heat loss:	37271	Btuh	Entering coil DB:	68.0°F
Indoor design DB:	68.0°F					

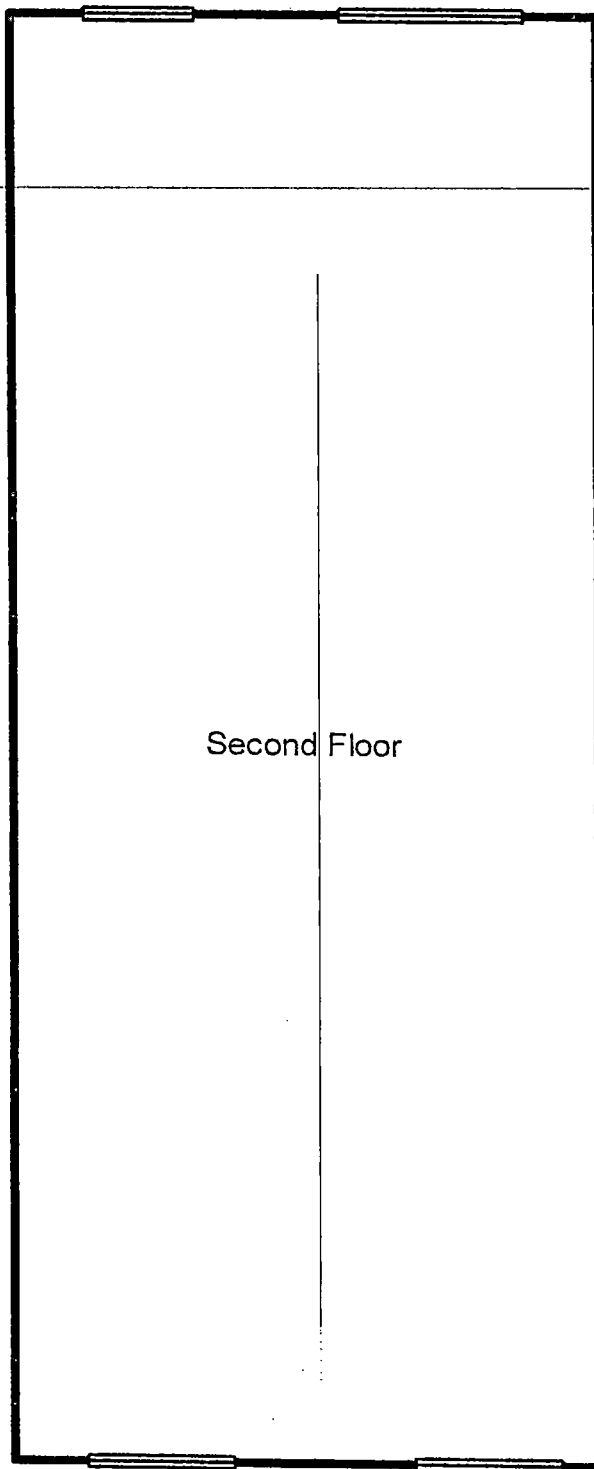
Manufacturer's Performance Data at Actual Design Conditions

Equipment type:	Gas furnace		
Manufacturer:	Goodman Mfg.	Model:	GMVC80604BXX
Actual airflow:	875	cfm	
Output capacity:	48000	Btuh	129% of load
			Temp. rise: 50 °F

The above equipment was selected in accordance with ACCA Manual S.



Second Floor



Second Floor

Job #:
Performed for:
New Vison Brown Stones / Inner Unit

Scale: 1 : 62
Page 3
Right-Suite® Universal 2017
17.0.04 RSU24698
2018-May-25 12:38:00
Project1.rup



First Floor

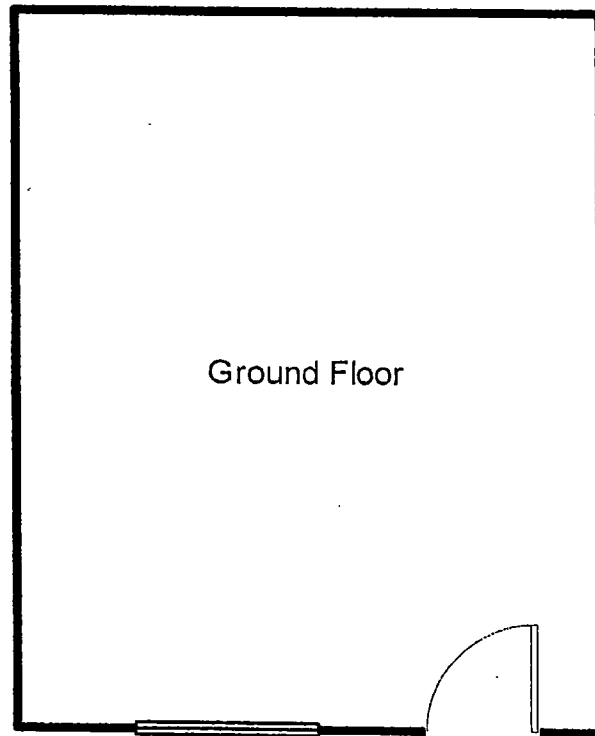
First Floor

Job #:
Performed for:
New Vison Brown Stones / Inner Unit

Scale: 1 : 62
Page 2
Right-Suite® Universal 2017
17.0.04 RSU24698
2018-May-25 12:38:00
Project1.rup



Groud Floor



Ground Floor

Job #:
Performed for:
New Vison Brown Stones / Inner Unit

Scale: 1 : 62
Page 1
Right-Suite® Universal 2017
17.0.04 RSU24698
2018-May-25 12:38:00
Project1.rvt



Loads for Multiple Orientations Entire House

Job:
Date: May 25, 2018
By:

Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Conditions

Location:

Monmouth Executive, NJ, US
Elevation: 161 ft
Latitude: 40°N

Indoor:

Indoor temperature (°F)
Design TD (°F)
Relative humidity (%)
Moisture difference (gr/lb)

Heating

68
52
50
41.3

Cooling

75
13
50
29.2

Outdoor:

Dry bulb (°F)
Daily range (°F)
Wet bulb (°F)
Wind speed (mph)

Heating

16
-
-
15.0

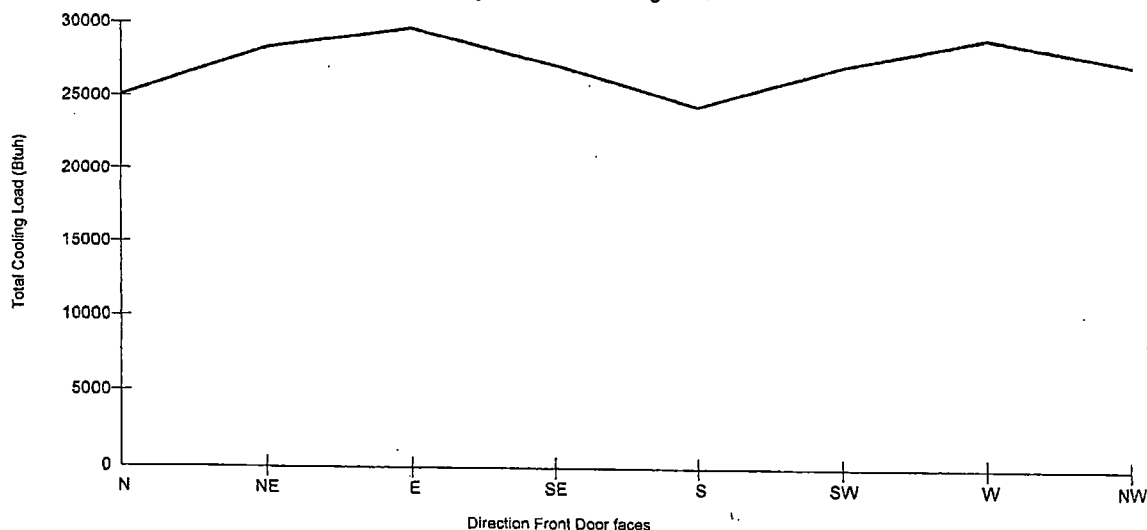
Cooling

88
16 (M)
72
7.5

Infiltration:

Front Door	North	Northeast	East	Southeast	South	Southwest	West	Northwest
Sensible Load (Btuh)	24095	27432	28767	26392	23585	26413	28290	26604
Latent Load (Btuh)	948	948	948	948	948	948	948	948
Total Load (Btuh)	25044	28380	29716	27340	24533	27361	29239	27553
Heating AVF (cfm)	875	875	875	875	875	875	875	875
Cooling AVF (cfm)	875	875	875	875	875	875	875	875

Building Orientation Cooling Load



Current Orientation: Front Door faces North
Highest Cooling Load: Front Door faces East

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.



Right-Suite® Universal 2017 17.0.04 RSU24698

2018-May-25 12:37:56

Project1.rup Calc = MJ8 Front Door faces: N

Page 1

Right-J® Worksheet Entire House

Job:
Date: May 25, 2018
By:

1 2 3 4 5	Room name Exposed wall Room height Room dimensions Room area		Entire House 296.0 ft 9.0 ft 1600.0 ft²				Ground Floor 72.0 ft 9.0 ft 320.0 ft² 16.0 x 20.0 ft heat/cool							
	Ty	Construction number	U-value (Btuh/ft²·°F)	Or	HTM (Btuh/ft²)		Area (ft²) or perimeter (ft)		Load (Btuh)		Area (ft²) or perimeter (ft)		Load (Btuh)	
					Heat	Cool	Gross	N/P/S	Heat	Cool	Gross	N/P/S	Heat	Cool
6	W	12B-0sw	0.097	n	5.04	2.35	144	144	726	339	144	144	726	339
	W	12F-0sw	0.065	n	3.38	1.00	288	207	700	208	0	0	0	0
	G	1D-c2ow	0.570	n	29.64	18.39	60	0	1778	1103	0	0	0	0
	D	11D0	0.390	n	20.28	10.39	21	21	428	218	0	0	0	0
11	W	12B-0sw	0.097	n	5.04	2.35	180	180	908	423	180	180	908	423
	W	12F-0sw	0.065	e	3.38	1.00	720	720	2434	723	0	0	0	0
	W	12B-0sw	0.097	s	5.04	2.35	144	103	520	242	144	103	520	242
	G	1D-c2ow	0.570	s	29.64	30.72	60	0	593	612	0	0	0	0
	D	11D0	0.390	s	20.28	10.39	21	21	428	218	0	0	0	0
	W	12F-0sw	0.065	s	3.38	1.00	288	224	757	225	0	0	0	0
	G	1D-c2ow	0.570	s	29.64	30.72	64	0	1897	1966	0	0	0	0
	W	12B-0sw	0.097	W	5.04	2.35	180	180	908	423	180	180	908	423
	W	12F-0sw	0.065	w	3.38	1.00	720	720	2434	723	0	0	0	0
	C	16A-7ad	0.112	-	5.82	7.88	640	640	3727	5028	0	0	0	0
	C	C part ceiling	0.234	-	12.15	11.72	320	320	3889	3751	320	320	3889	3751
	C	C part ceiling	0.262	-	13.62	13.13	640	640	8715	8405	0	0	0	0
	F	21B-28t	0.015	-	0.78	0.00	320	320	250	0	320	320	250	0
	F	21B-28t	0.015	-	0.78	0.00	640	640	499	0	0	0	0	0
	F	21B-28t	0.015	-	0.78	0.00	640	640	499	0	0	0	0	0
6	c)	AED excursion								517				159
		Envelope loss/gain							32085	25128			8219	6170
12	a)	Infiltration							5188	698			1262	170
	b)	Room ventilation							0	0			0	0
13		Internal gains: Occupants @ Appliances/other 230					0			0	0			0
		Subtotal (lines 6 to 13)							37271	25826			9481	6340
14		Less external load							0	0			0	0
		Less transfer							0	0			0	0
		Redistribution							0	0			0	0
		Subtotal							37271	25826			9481	6340
15		Duct loads					0%	0%	0	0	-0%	0%	0	0
		Total room load							37271	25826			9481	6340
		Air required (cfm)							875	875			223	215

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

Right-J® Worksheet

Entire House

Job:
Date: May 25, 2018
By:

1	Room name	First Floor				Second Floor			
		112.0 ft				112.0 ft			
		9.0 ft				9.0 ft			
		16.0 x 40.0 ft				16.0 x 40.0 ft			
		640.0 ft²				640.0 ft²			

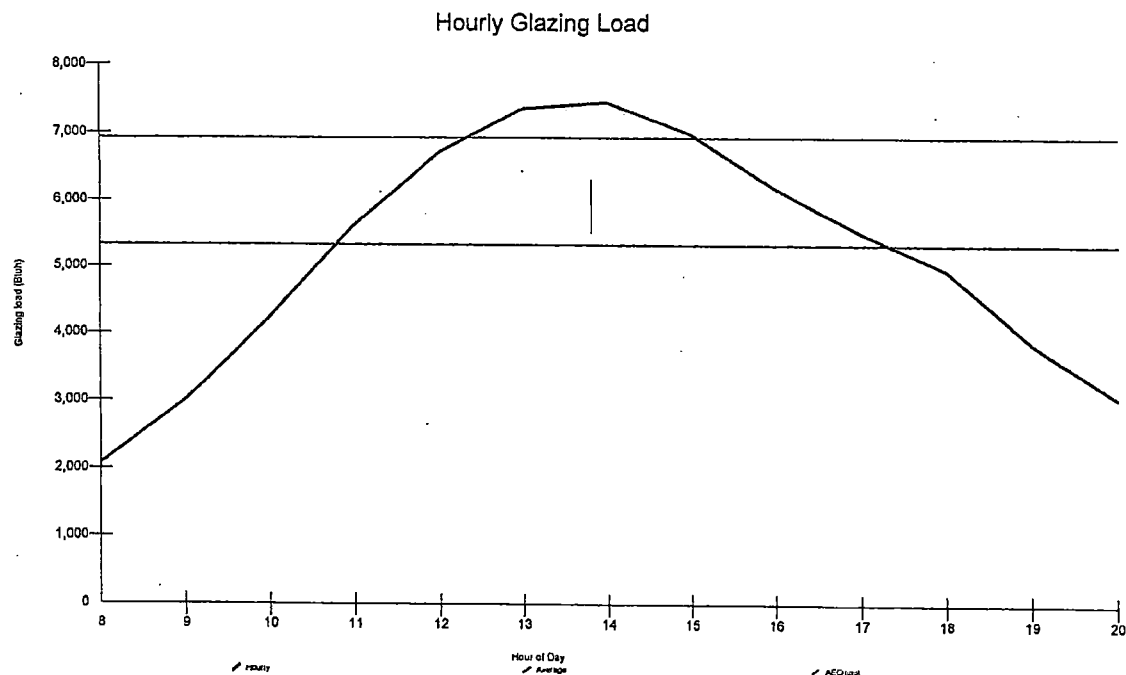
Project Information

For: New Vison Brown Stones / Inner Unit, Hexa Builders

Design Conditions

Location:		Indoor:		Heating	Cooling
Monmouth Executive, NJ, US		Indoor temperature (°F)		68	75
Elevation: 161 ft		Design TD (°F)		52	13
Latitude: 40°N		Relative humidity (%)		50	50
		Moisture difference (gr/lb)		41.3	29.2
Outdoor:	Heating	Cooling	Infiltration:		
Dry bulb (°F)	16	88			
Daily range (°F)	-	16 (M)			
Wet bulb (°F)	-	72			
Wind speed (mph)	15.0	7.5			

Test for Adequate Exposure Diversity



Maximum hourly glazing load exceeds average by 39.7%.

House does not have adequate exposure diversity (AED), based on AED limit of 30%.

AED excursion: 517 Btuh (PFG - 1.3*AFG)



COMMERCIAL-GRADE RESIDENTIAL GAS WATER HEATERS

PROLINE® XE POWER DIRECT VENT COMMERCIAL-GRADE RESIDENTIAL

The ProLine® XE Power Direct Vent water heaters have been engineered to maximize efficiency and deliver a greater Uniform Energy Factor (UEF).

POWER DIRECT VENT DESIGN

- Combined horizontal and vertical vent runs up to 180 equivalent feet with 4" diameter venting (ABS, PVC, CPVC and polypropylene)
- Two-pipe sealed combustion system uses outside air, eliminating problems caused by insufficient indoor ventilation
- Reduced NOx emissions comply with air quality management district regulations

ENERGY STAR® QUALIFIED

- All models (except GPDx 75L) meet the ENERGY STAR® requirement and may also qualify for local utility and rebate programs
- "Environmentally-Friendly" foam insulation reduces the amount of heat loss and contributes to overall energy efficiency
- Built-in heat traps on the water inlet and outlet reduce the amount of heat lost through piping

DYNACLEAN™ DIFFUSER DIP TUBE

- Helps reduce lime and sediment buildup and maximizes hot water output. Made from long-lasting PEX cross-linked polymer.

HOT-SURFACE IGNITOR

- More robust and reliable than standing pilot, and reduces energy consumption.

BLUE DIAMOND® GLASS COATING

- Provides superior corrosion resistance compared to the industry-standard glasslining.

USER-FRIENDLY

- State-of-the-art electronic gas control provides more precise temperature control
- LED control light displays operation status and diagnostics information

ENHANCED-FLOW BRASS DRAIN VALVE

- Our residential water heaters have a solid brass, tamper resistant, enhanced-flow, ball type, drain valve.
- Uses a standard female hose fitting that allows for fast and easy draining during maintenance.
- Designed for easy operation, this valve includes an integral screwdriver slot that features a ¼ turn (open/close) radius, which not only permits full straight-through water flow but also a quick and positive shut off.

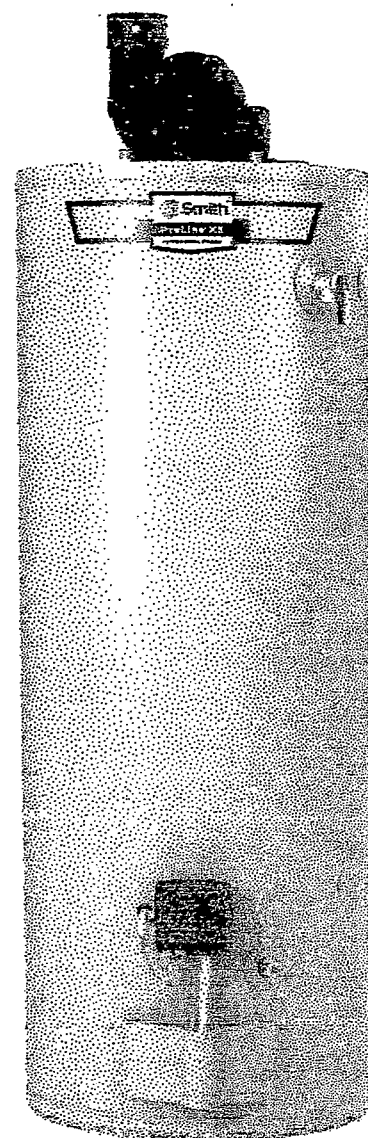
CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

DESIGN-CERTIFIED BY CSA INTERNATIONAL

- Certified at 150-psi working pressure.
- Certified to ANSI Z21.10.1-CSA 4.1 or ANSI Z21.10.3-CSA 4.3 standards governing storage tank-type water heaters

AVAILABLE IN NATURAL GAS AND PROPANE

6-YEAR LIMITED TANK AND PARTS WARRANTY



(EXCEPT GPDx 75L)



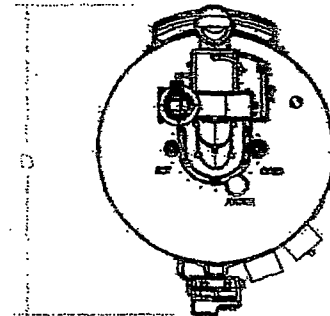


COMMERCIAL-GRADE RESIDENTIAL GAS WATER HEATERS

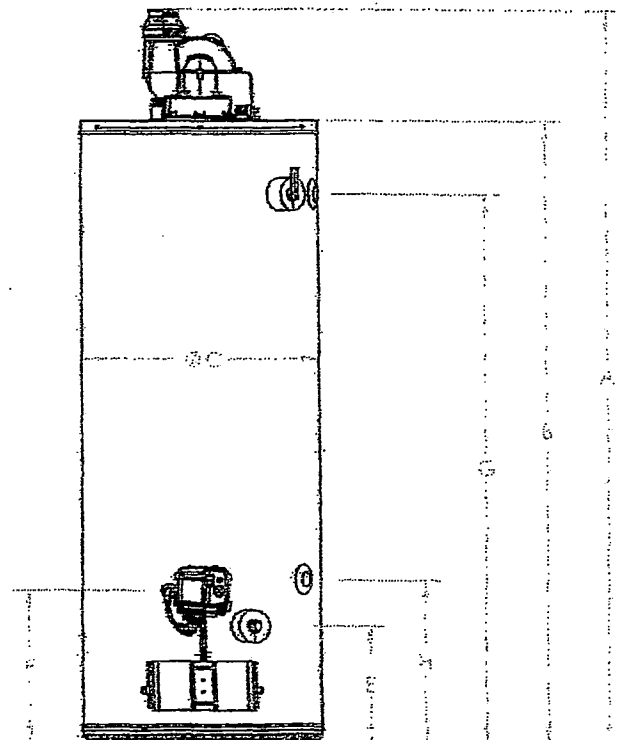
Model Number	Series	Nominal Capacity	Rated Storage Volume	First Hour Rating (Gallons)	UEF	BTU Input Per Hour	Recovery @ 90°F Rise Gallon Per Hour	Dimensions in Inches								Approx. Shipping Weight (lb.)
								A	B	C	D	E	F	G	H	
GPDL 40	200	40	38	74	0.68	40,000	45	58-1/4	49-5/8	22	29-7/8	11	13-1/4	42-1/2	15-1/4	174
GPDT 50	200	50	48	81	0.72	45,000	50	67-1/2	58-3/4	22	29-7/8	11	13-1/4	51-3/4	15-1/4	192
GPDX 50L	200	50	48	118	0.73	62,000**	73	69	60-1/4	22	29-7/8	11	13-1/4	52-3/4	15-1/4	200
† GPDX 75L	210	75	72	129	0.68	75,000	82	70-5/8	61-1/2	26	33-7/8	11	13-1/4	53	15-1/4	277

**Propane (LP) model has input of 58,000 BTU/hr.
For side connect models, add 'L' to model number, e.g. GPDT 50L. Side connections available on GPDL and GPDT models.
Side connections are standard on GPDX models.
Natural gas models cited are series 200/210. Propane models are series 201/211.
All models rated for installation at altitudes up to 10,100 ft.
† GPDX 75L is not ENERGY STAR® Qualified.

Model Number	Vent Length		
	Maximum Vent Length Eq. Ft.		
	Ø2"	Ø3"	Ø4"
GPDL 40	50'	125'	180'
GPDT 50	50'	125'	180'
GPDX 50L	N/A	50'	125'
GPDX 75L	N/A	50'	125'



Optional Vent Kits	
Description	Part Number
2" Vent Kit- Coupling, sound suppressor	100153232
3" Vent Kit- Coupling, sound suppressor	100153234
2" Concentric Vent Kit	100112869
3" Concentric Vent Kit	100111100
Hi Ambient Kit	100191116



For technical information call 800-527-1953. A. O. Smith Corporation reserves the right to make product changes or improvements without prior notice.

AIR CONDITIONERS

LENNOX

14ACX

MERIT® Series

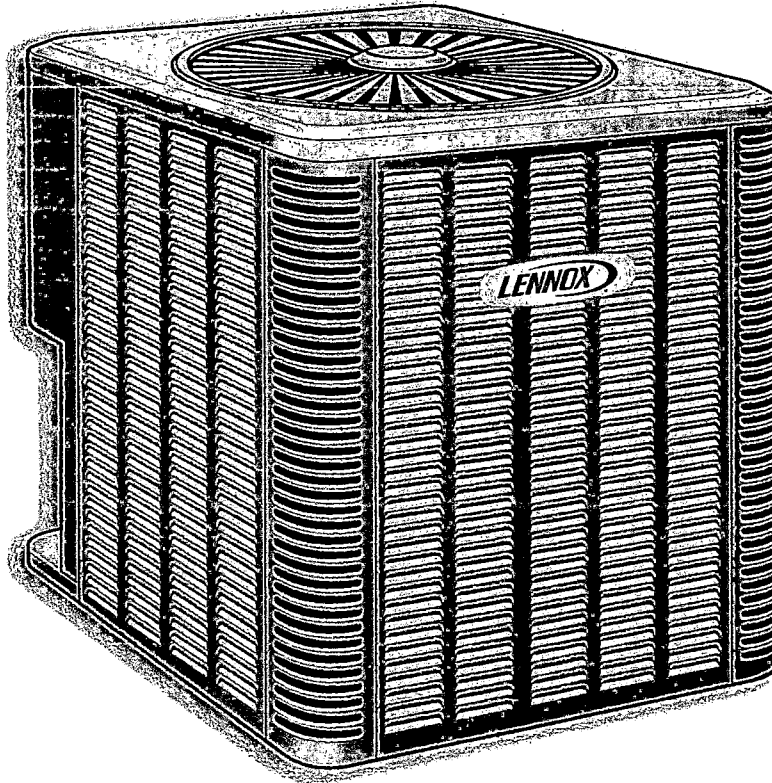
R-410A

PRODUCT SPECIFICATIONS

Bulletin No. 210832

January 2018

Supersedes Bulletin No. 210740



MERIT®
SERIES

SEER up to 16.00

1.5 to 5 Tons

Cooling Capacity - 18,000 to 59,000 Btuh

MODEL NUMBER IDENTIFICATION

14 AC X - 024 - 230 A 02

Nominal SEER

Unit Type
AC = Air Conditioner

Refrigerant
X = R-410A

Regional Standards
- (dash) = All Regions or Southwest Region (dependent on size)
S = North and South Regions

Minor Revision Level

Ratings Revision Level
(NOTE - 018-024-030-036-042 models only)

Voltage
230 = 208/230V-1phase-60hz

Nominal Cooling Capacity

018 = 1.5 tons
024 = 2 tons
030 = 2.5 tons
036 = 3 tons
041 = 3.5 tons
042 = 3.5 tons
047 = 4 tons
048 = 4 tons
059 = 5 tons
060 = 5 tons

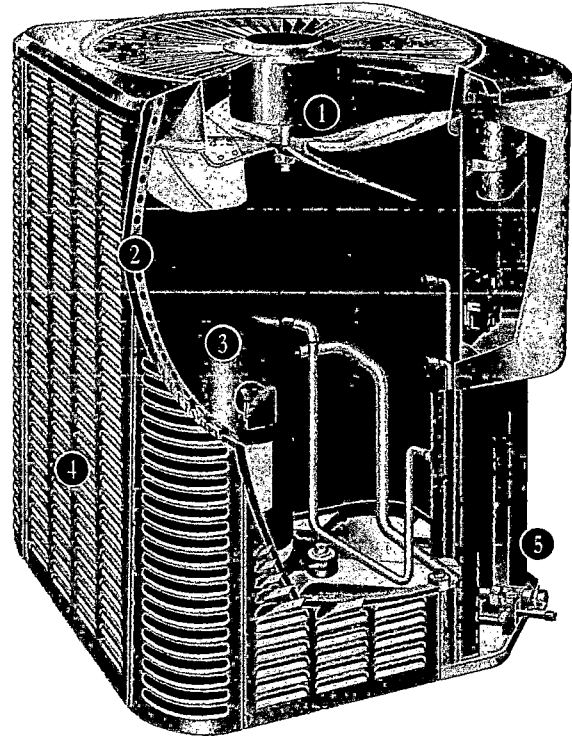
FEATURES

CONTENTS

Dimensions - Unit	8
Electrical Data	6
Features	2
Field Wiring	5
Installation Clearances	5
Model Number Identification	1
Optional Accessories	6
RFC Orifice Usage	10
Sound Data	9
Specifications	6
TXV Usage	9

NOTE!

For the latest AHRI System Matches please see the **Residential Matchup Tool** at www.LennoxPros.com or see the separate document **AHRI Air Conditioner Matches** that contains all outdoor unit matches.



WARRANTY

Compressor - limited warranty for five years in residential installations and five years in non-residential installations.

All other covered components - five years in residential installations and one year in non-residential installations.

Note - Refer to Lennox Equipment Limited Warranty certificate included with unit for specific details.

APPROVALS

AHRI Certified to AHRI Standard 210/240-2008.

Sound rated in Lennox reverberant sound test room in Accordance with test conditions included in AHRI Standard 270-2008.

Tested in the Lennox Research Laboratory environmental test room.

Rated According to U.S. Department of Energy (DOE) test procedures.

Region specific models meet the minimum efficiency requirements for U.S DOE Federal Regional Standards in that area.

Units and components within bonded for grounding to meet safety standards for servicing required by UL, NEC and CEC.

Units are ETL certified for the U.S. and Canada.

ISO 9001 Registered Manufacturing Quality System.

For expanded ratings, see www.LennoxPros.com.

APPLICATIONS

1.5 through 5 ton.

Sound levels as low as 76 dB.

Single-phase power supply.

Vertical air discharge allows concealment behind shrubs at grade level or out of sight on a roof.

Matching add-on furnace indoor coils or air handlers provide a wide range of cooling capacities and applications. See AHRI System Matches.

See Indoor Coils and Air Handlers sections for data.

Units shipped completely factory assembled, piped and wired. Each unit test operated at the factory ensuring proper operation.

Installer must set air conditioner, connect refrigerant lines and make electrical connections to complete job.

FEATURES

REFRIGERATION SYSTEM

R-410A Refrigerant

Non-chlorine, ozone friendly, R-410A.

Unit pre-charged with refrigerant.

See Specification table.



1 Outdoor Coil Fan

Direct drive fan moves large air volumes uniformly through entire condenser coil for high refrigerant cooling capacity.

Vertical air discharge minimizes operating sounds and eliminates damage to lawn and shrubs.

Fan motor has sleeve bearings (-018 through -048 and -060 models), ball bearings (-059 model) and is inherently protected.

Motor totally enclosed for maximum protection from weather, dust and corrosion.

Rain shield on motor provides additional protection from moisture.

Louvered steel top fan guard furnished as standard.

Fan service access accomplished by removal of top panel.

2 Copper Tube/Enhanced Fin Coil

Lennox designed and fabricated coil.

Ripple-edged aluminum fins.

Copper tube construction.

Lanced fins provide maximum exposure of fin surface to air stream resulting in excellent heat transfer.

Fin collars grip tubing for maximum contact area.

Flared shoulder tubing connections/silver soldering construction.

Coil is factory tested under high pressure to ensure leakproof construction.

Steel louvered panels provide complete coil protection.

Panels can be completely removed for servicing.

High Capacity Liquid Line Drier

Furnished with unit for field installation.

Approved for use with R-410A systems.

Traps any moisture or dirt that could contaminate the refrigerant system.

High Pressure Switch

Shuts off unit if abnormal operating conditions cause the discharge pressure to rise above setting.

Protects compressor from excessive condensing pressure.

Manual reset.

Refrigerant Flow Control

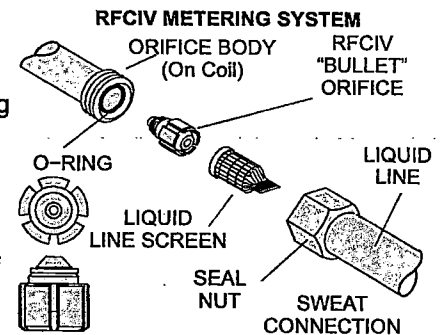
Units applicable to expansion valve systems or RFC systems when matched with specific indoor coils.

RFCIV:

Accurately meters refrigerant in system.

Refrigerant control is accomplished by exact sizing of refrigerant metering orifice.

The principle involves matching indoor coil with proper bore size of orifice in metering device.



Equalizes pressure shortly after compressor stops, unit starts unloaded, eliminating need for additional controls.

See RFC Orifice Usage Table on Page 10 for correct matches.

Optional Accessories

Expansion Valve Kits

Must be ordered extra and field installed on certain indoor units. See TXV Usage Table on Page 9.

Chatleff-style fittings.

Freezestat

Installs on or near the vapor line of the indoor coil or on the suction line.

Senses suction line temperature and cycles the compressor off when suction line temperature falls below it's setpoint.

Opens at 29°F and closes at 58°F.

Loss of Charge Switch Kit

Helps protect the compressor from damage due low refrigerant charge conditions.

SPST, normally-closed switch, automatic reset switch mounted on liquid line.

Refrigerant Line Kits

Refrigerant lines (suction & liquid) are shipped refrigeration clean. Lines are cleaned, dried, pressurized and sealed at factory.

Suction line fully insulated.

Lines are stubbed at both ends.

Not available for -059-060 models. Must be field fabricated.

FEATURES

COMPRESSOR

3 Scroll Compressor

Compressor features high efficiency with uniform suction flow, constant discharge flow, high volumetric efficiency and quiet operation.

Compressor consists of two involute spiral scrolls matched together to generate a series of crescent shaped gas pockets between them.

During compression, one scroll remains stationary while the other scroll orbits around it.

Gas is drawn into the outer pocket, the pocket is sealed as the scroll rotates.

As the spiral movement continues, gas pockets are pushed to the center of the scrolls. Volume between the pockets is simultaneously reduced.

When the pocket reaches the center, gas is now at high pressure and is forced out of a port located in the center of the fixed scrolls.

During compression, several pockets are compressed simultaneously resulting in a smooth continuous compression cycle.

Continuous flank contact, maintained by centrifugal force, minimizes gas leakage and maximizes efficiency.

Scroll compressor is tolerant to the effects of slugging and contaminants. If this occurs, scrolls separate, allowing liquid or contaminants to be worked toward the center and discharged.

Low gas pulses during compression reduces operational sound levels.

Compressor motor is internally protected from excessive current and temperature.

Compressor is installed in the unit on resilient rubber mounts for vibration free operation.

Compressor Crankcase Heater (-041, -047, -048, -059 & -060 Models)

Protects against refrigerant migration that can occur during low ambient operation.

Optional Accessories

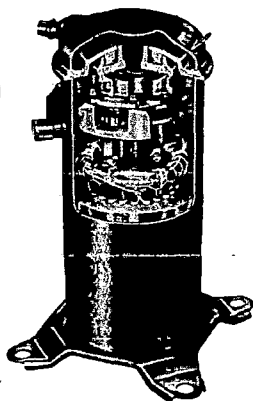
Compressor Crankcase Heater (Optional for 018-024-030-036-042)

Protects against refrigerant migration that can occur during low ambient operation.

Compressor Sound Cover

A reinforced vinyl compressor cover containing a 1-1/2 inch thick batt of fiberglass insulation.

All open edges are sealed with a one-inch wide hook and loop fastening tape.



CONTROLS

Optional Accessories

Compressor Hard Start Kit

Single-phase units are equipped with a PSC compressor motor. This type of motor normally doesn't need a potential relay and start capacitor.

In conditions such as low voltage, this kit may be required to increase the compressor starting torque.

Compressor Low Ambient Cut-Off Switch

Non-adjustable switch (low ambient cut-out) prevents compressor operation when outdoor temperature is below 35°F.

Compressor Time-Off Control

Kit prevents compressor short-cycling and allows time for suction and discharge pressure to equalize.

Permits compressor start-up in an unloaded condition.

Automatic reset with 5 minute delay between compressor shut-off and start-up.

Indoor Blower Off Delay Relay

Delays the indoor blower-off time during the cooling cycle.

See AHRI System Matches for usage.

Low Ambient Kit

Air conditioners operate satisfactorily in the cooling mode down to 45°F outdoor air temperature without any additional controls.

Kit can be added in the field enabling unit to operate properly down to 30°F in the cooling mode.

Crankcase heater and freestat should be installed on compressors equipped with a Low Ambient Kit.

A compressor lock-out thermostat should be added to terminate compressor operation below recommended operation conditions.

Thermostat

Thermostat not furnished with unit. See Thermostat bulletins in Controls Section and Lennox Price Book.

SPECIFICATIONS

General Data	Model No.	All Regions	---	---	---	---	14ACX-041
		North / South Regions	14ACXS018	14ACXS024	14ACXS030	14ACXS036	---
		Southwest Region	14ACX-018	14ACX-024	14ACX-030	14ACX-036	---
		Nominal Tonnage	1.5	2	2.5	3	3.5
Connections (sweat)		Liquid line o.d. - in.	3/8	3/8	3/8	3/8	3/8
		Suction line o.d. - in.	3/4	3/4	3/4	7/8	7/8
¹ Refrigerant (R-410A) furnished			4 lbs. 13 oz.	5 lbs. 9 oz.	6 lbs. 11 oz.	6 lbs. 11 oz.	10 lbs. 1 oz.
Outdoor Coil	Net face area	Outer coil	13.22	16	21	21	21
	sq. ft.	Inner coil	---	---	---	---	20.25
		Tube diameter - in.	5/16	5/16	5/16	5/16	5/16
		Number of rows	1	1	1	1	2
		Fins per inch	26	26	26	26	22
Outdoor Fan		Diameter - in.	18	22	22	22	22
		Number of blades	3	3	3	3	4
		Motor hp	1/10	1/6	1/6	1/6	1/4
		Cfm	2290	3160	3160	3160	3600
		Rpm	1075	825	825	825	825
		Watts	160	215	215	215	310
Shipping Data - lbs. 1 package			138	158	171	177	209

ELECTRICAL DATA

	Line voltage data - 60 hz - 1ph	208/230V	208/230V	208/230V	208/230V	208/230V
	² Maximum overcurrent protection (amps)	20	25	25	30	35
	³ Minimum circuit ampacity	12.4	15.0	17.1	18.6	22.6
Compressor	Rated load amps	9.4	11.2	12.9	14.1	16.7
	Locked rotor amps	56.6	60.8	64	77	79
	Power factor	0.96	0.97	0.98	0.98	0.97
Condenser Fan Motor	Full load amps	0.7	1.0	1.0	1.0	1.7
	Locked rotor amps	1.3	1.9	1.9	1.9	3.2

OPTIONAL ACCESSORIES - ORDER SEPARATELY

Compressor Crankcase Heater	93M04	•	•	•	•	•
	Factory					•
Compressor Hard Start Kit	Copeland 10J42	•	•	•	•	•
	LG 88M91			•	•	
Compressor Low Ambient Cut-Off Switch	45F08	•	•	•	•	•
Compressor Sound Cover	27W55	•	•	•	•	
	27W56					•
Compressor Time-Off Control	47J27	•	•	•	•	•
Freezestat	3/8 in. tubing 93G35	•	•	•	•	•
	5/8 in. tubing 50A93	•	•	•	•	•
Indoor Blower Off Delay Relay	58M81	•	•	•	•	•
Loss of Charge Switch Kit	84M23	•	•	•	•	•
⁴ Low Ambient Kit (Fan Cycling)	34M72	•	•	•	•	•
Refrigerant Line Sets	L15-41-20, L15-41-30,	•	•	•		
	L15-41-40, L15-41-50					
	L15-65-30, L15-65-40,				•	•
	L15-65-50					
Unit Stand-Off Kit	94J45	•	•	•	•	•

NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.

¹ Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the Installation Instructions for information about line set length and additional refrigerant charge required.

² HACR type circuit breaker or fuse.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

⁴ Crankcase Heater and Freezestat are recommended with Low Ambient Kit.

SPECIFICATIONS

General Data	Model No.	All Regions	---	14ACX-047	14ACX-048	14ACX-059	14ACX-060
		North / South Regions	14ACXS042	---	---	---	---
		Southwest Region	14ACX-042	---	---	---	---
		Nominal Tonnage	3.5	4	4	5	5
Connections (sweat)		Liquid line o.d. - in.	3/8	3/8	3/8	3/8	3/8
		Suction line o.d. - in.	7/8	7/8	7/8	1-1/8	1-1/8
¹ Refrigerant (R-410A) furnished			8 lbs. 10 oz.	11 lbs. 3 oz.	10 lbs. 8 oz.	11 lbs. 2 oz.	12 lbs. 0 oz.
Outdoor Coil	Net face area	Outer coil sq. ft.	18.67	22	21	24.94	22
		Inner coil	17.96	21.33	20.25	24.14	21.33
	Tube diameter - in.		5/16	5/16	5/16	5/16	5/16
	Number of rows		2	2	2	2	2
	Fins per inch		22	22	22	22	22
	Diameter - in.		22	26	22	26	26
Outdoor Fan	Number of blades		4	4	4	4	4
	Motor hp		1/4	1/3	1/4	1/3	1/3
	Cfm		3500	4400	3600	4400	4400
	Rpm		825	825	825	825	825
	Watts		310	310	310	310	310
Shipping Data - lbs. 1 package			208	250	228	266	253
ELECTRICAL DATA							
		Line voltage data - 60 hz - 1ph	208/230V	208/230V	208/230V	208/230V	208/230V
		² Maximum overcurrent protection (amps)	40	45	45	50	60
		³ Minimum circuit ampacity	24.1	26.7	26.7	34.1	34.8
Compressor	Rated load amps		17.9	19.9	20	25	26.4
	Locked rotor amps		112	109	99	134	134
	Power factor		0.94	0.97	0.99	0.98	0.98
Condenser Fan Motor	Full load amps		1.7	1.8	1.7	2.8	1.8
	Locked rotor amps		3.2	2.9	3.2	---	2.9
OPTIONAL ACCESSORIES - ORDER SEPARATELY							
Compressor Crankcase Heater		93M04	•				
		Factory		•	•	•	•
Compressor Hard Start Kit	Copeland	10J42	•	•		•	•
	LG	88M91	•		•		•
Compressor Low Ambient Cut-Off Switch		45F08	•	•	•	•	•
Compressor Sound Cover		27W56	•	•	•	•	•
Compressor Time-Off Control		47J27	•	•	•	•	•
Freezestat	3/8 in. tubing	93G35	•	•	•	•	•
	5/8 in. tubing	50A93	•	•	•	•	•
Indoor Blower Off Delay Relay		58M81	•	•	•	•	•
Loss of Charge Switch Kit		84M23	•	•	•	•	•
⁴ Low Ambient Kit (Fan Cycling)		34M72		•	•		•
		68M04				•	
Refrigerant Line Sets	L15-65-30, L15-65-40, L15-65-50		•	•	•		
	Field Fabricate					•	•
Unit Stand-Off Kit		94J45	•	•	•	•	•

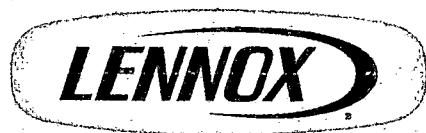
NOTE - Extremes of operating range are plus 10% and minus 5% of line voltage.

¹ Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the Installation Instructions for information about line set length and additional refrigerant charge required.

² HACR type circuit breaker or fuse.

³ Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

⁴ Crankcase Heater and Freezestat are recommended with Low Ambient Kit.



PRODUCT SPECIFICATIONS

GAS FURNACES

EL195UHE

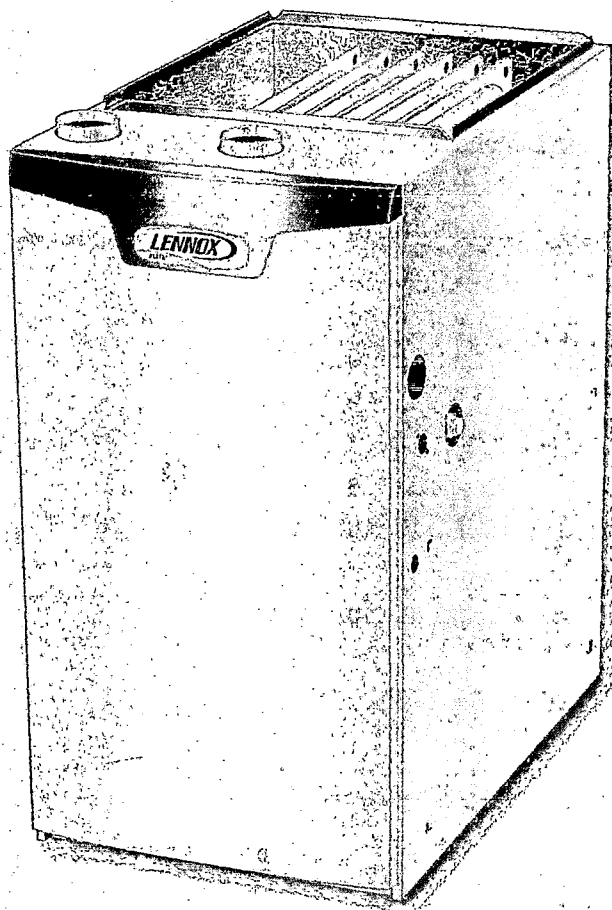
ELITE® SERIES

Upflow / Horizontal - High Efficiency Blower Motor

Bulletin No. 210615

November 2017

Supersedes June 2017



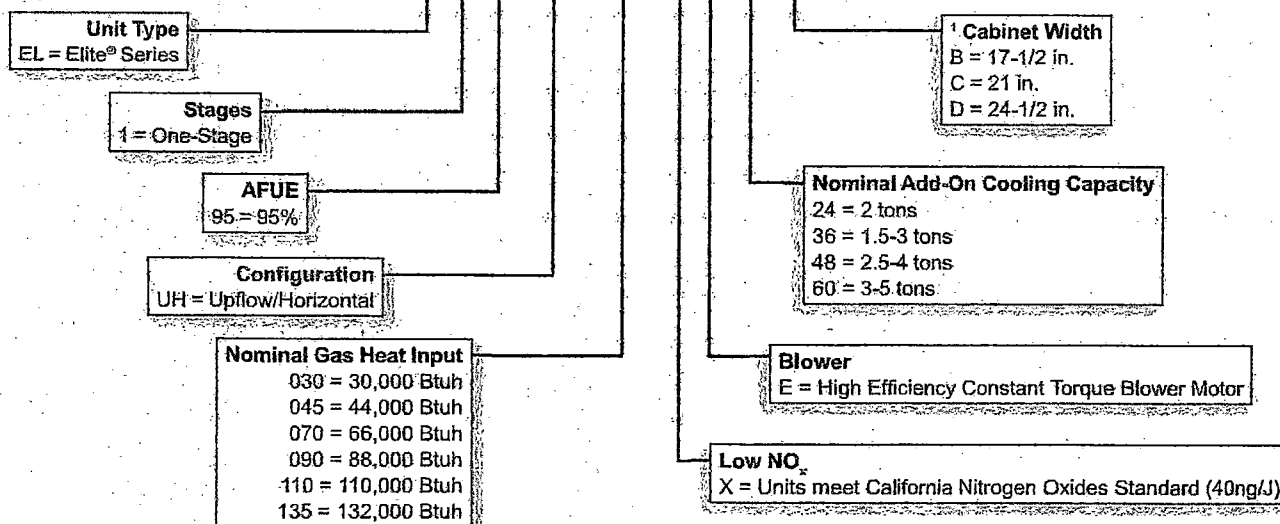
AFUE - 95%

Input - 30,000 to 132,000 Btuh

Nominal Add-on Cooling - 1.5 to 5 Tons

MODEL NUMBER IDENTIFICATION

EL 1 95 UH 070 X E 36 B



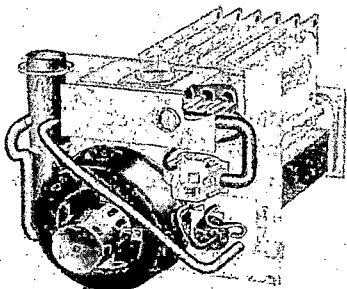
* Indoor coils with the same letter designation will physically match the furnace.

FEATURES

HEATING SYSTEM

1 Lennox Duralok Plus™ Heat Exchanger Assembly

Lennox developed heat exchanger assembly consists of primary heat exchanger and secondary condenser coil assembly.



Main multi-pass crimped seam design clamshell type heat exchanger.

Constructed of heavy-gauge, aluminized steel.

Designed for normal expansion and

contraction with maximum efficiency and minimum resistance to air flow.

2 Secondary heat exchanger condenser coil constructed of aluminum fins fitted to stainless steel tubes.

Coil is factory tested for leaks.

Condensate drain header box assembly located on front of coil.

Compact size of complete heat exchanger assembly permits low overall design of furnace cabinet.

Heat exchanger assembly has been laboratory life cycle tested in excess of industry standards.

Lennox Designed Header Box

Header box on end of condenser coil collects flue condensate for disposal through condensate drains.

The drains are located on each side of the cabinet for easy field installation of condensate drain trap.

Only one drain is used, the other drain is sealed.

Condensate drain trap is included with the unit for field installation.

Lennox Designed Flue Condensate Trap Assembly

Condensate trap assembly is mounted outside the conditioned air stream.

Assembly can be mounted on either side of cabinet in upflow applications. Assembly is mounted below the cabinet in horizontal applications. Can also be mounted remotely (up to 5 ft. away) from unit. See Installation Instructions.

90° street elbow furnished for ease of drain trap installation.

Drain connection can be made with field provided PVC pipe, PVC coupling, or vinyl tubing with hose clamp.

Drain cap on trap allows easy cleaning and winterizing.

3 Inshot Burners

Aluminized steel inshot burners provide efficient, trouble-free operation.

Burner venturi mixes air and gas in correct proportion for proper combustion.

Burner assembly is removable from the unit as a single component for ease of service.

4 SureLight® Hot Surface Ignitor

Tough, reliable, long-life, trouble-free performance. Silicon nitride ignitor.

Cemented to steatite block for protection against current leakage.

Ignition leads are constructed of nickel-plated copper and are enclosed in high temperature Teflon® insulation for dependable operation.

5 Gas Control Valve

24 volt redundant combination gas control valve combines manual shut off switch (On-Off), automatic electric valve (dual) and gas pressure regulation into a compact combination control.

6 Combustion Air Inducer

Shaded pole heavy duty blower prepurges heat exchanger and safely vents flue products.

Operates only during heating cycle.

Pressure Switch

Proves Combustion Air Inducer operation before allowing gas valve to open.

7 Flame Rollout Switches (2)

Manual reset switches are factory installed in burner box.

Switch provides protection from abnormal operating conditions.

Limit Control

Automatic reset, primary limit is accurately located on vestibule panel on all units.

Optional Accessories

High Altitude Orifice Kits

Required on all units for proper unit operation at altitudes from 7501 to 10,000 ft.

Kits are available for natural gas and LPG/propane.

High Altitude Pressure Switch Kit

Required for proper unit operation on installations above 4500 ft.

Natural Gas to LPG/Propane Conversion Kit

Required for field changeover from natural gas to LPG/Propane.

LPG/Propane to Natural Gas Conversion Kit

Required for field changeover from LPG/Propane to natural gas.

FEATURES

CONTROLS (continued)

Field Wiring Make-Up Box

Furnished for line voltage wiring.

Factory installed internally on left side of furnace.

Box may be installed internally or externally on either side of furnace.

Optional Accessories

Blower Relay Kit

(For Use With Two-Stage Outdoor Units)

Allows furnace blower speed changes when matched with two-stage air conditioners or heat pumps.

Thermostat

Thermostat (programmable/non-programmable) is not furnished with unit.

See Thermostat bulletins in Controls Section and Lennox Price Book for selection.

Night Service Kit

Contains most commonly used service parts:

- Furnace control
- Igniter
- Flame sensor
- Gas valve
- Transformer
- Service Manual

Universal Service Kit - Switches

Kit contains:

- Primary limits (for each model)
- Pressure switches (for each model)
- Flame rollout switches (for each model)

BLOWER

9 Direct drive blower.

Statically and dynamically balanced.

Resiliently mounted.

Blower assembly easily removed for servicing.

Power Saver™ Constant Torque Blower Motor

DC Brushless Motor

High Efficiency Constant Torque.

ECM (Electronically Commutated Motor).

Motor is programmed to provide constant torque at each of the selectable speeds.

Motor is controlled by the Integrated Furnace Control.

Blower speeds are easily changed on the integrated furnace control. See Blower Data tables.

CABINET

Low-profile, narrow width cabinet allows easy installation in upflow or horizontal applications.

Heavy-gauge, cold rolled steel construction.

Pre-painted cabinet finish.

Flanges provided on supply air opening for ease of plenum connection or alignment with indoor coil.

- 10** Fully insulated cabinet with foil-faced insulation on sides and back of heating compartment and mat-faced insulation in blower compartment.

Sealed blower compartment.

Inner blower compartment access panel seals blower compartment from air leakage.

- 11** Cabinet door can be removed without any tools. Complete service access.

Safety interlock switch automatically shuts off power to unit when blower compartment access panel is removed.

- 12** Gas piping and electrical inlets are provided in both sides of cabinet.

Return Air Entry:

For bottom/end return-air entry for upflow/horizontal applications, remove furnished bottom seal panel from cabinet.

For side return-air entry (upflow applications only), corners are marked on either side of cabinet for return air cut-outs.

See Dimension Drawings.

NOTE - 60C and 60D size units that require air volumes over 1800 cfm must have one of the following:

1. Single side return air with transition, to accommodate 20 x 25 x 1 in. cleanable air filter. Required to maintain proper air velocity.
2. Single side return air with Optional Return Air Base
3. Bottom return air.
4. Return air from both sides.
5. Bottom and one side return air.

See Blower Data Tables for additional information.

Coil Match-Up

All furnaces exactly match Lennox cased upflow indoor coils and horizontal indoor coils with same letter designation (A, B, C, D) in model number. No adaptor required. Engaging holes furnished on cabinet for alignment.

Lennox uncased coils match furnaces without any overhang but require an optional adaptor base or field fabricated transition to match furnace opening. See coil bulletin for additional information.

SPECIFICATIONS

Gas Heating Performance		Model No.	EL195UH030XE24B	EL195UH045XE24B	EL195UH045XE36B	EL195UH070XE36B
		¹ AFUE	95%	95%	95%	95%
		Input - Btuh	30,000	44,000	44,000	66,000
		Output - Btuh	28,000	42,000	42,000	63,000
		Temperature rise range - °F	30 - 60	35 - 65	35 - 65	35 - 65
		Gas Manifold Pressure (in. w.g.) Nat. Gas / LPG/Propane	3.5 / 10	3.5 / 10	3.5 / 10	3.5 / 10
		High static - in. w.g.	0.5	0.5	0.5	0.5
Energy Star® Certified			Yes	Yes	Yes	Yes
Connections in.	Intake / Exhaust Pipe (PVC)		2 / 2	2 / 2	2 / 2	2 / 2
	Gas pipe size IPS		1/2	1/2	1/2	1/2
	Condensate Drain Trap (PVC pipe) - i.d.		3/4	3/4	3/4	3/4
	with furnished 90° street elbow		3/4 slip x 3/4 Mipt	3/4 slip x 3/4 Mipt	3/4 slip x 3/4 Mipt	3/4 slip x 3/4 Mipt
		with field supplied (PVC coupling) - o.d.	3/4 slip x 3/4 MPT	3/4 slip x 3/4 MPT	3/4 slip x 3/4 MPT	3/4 slip x 3/4 MPT
Indoor Blower	Wheel nom. dia. x width - in.		10 x 8	10 x 8	10 x 8	10 x 8
	Motor Type		DC Brushless	DC Brushless	DC Brushless	DC Brushless
	Motor output - hp		1/2	1/2	1/2	1/2
	Tons of add-on cooling		1 - 2	1 - 2	1.5 - 3	1.5 - 3
	Air Volume Range - cfm		260 - 990	260 - 990	520 - 1345	550 - 1380
Electrical Data		Voltage	120 volts - 60 hertz - 1 phase			
		Blower motor full load amps	6.8	6.8	6.8	6.8
		Maximum overcurrent protection	15	15	15	15
Shipping Data		lbs. - 1 package	129	129	129	134

NOTE - Filters and provisions for mounting are not furnished and must be field provided.

¹ Annual Fuel Utilization Efficiency based on DOE test procedures and according to FTC labeling regulations. Isolated combustion system rating for non-weatherized furnaces.

SPECIFICATIONS

Gas Heating Performance		Model No.	EL195UH090XE48C	EL195UH110XE60C	EL195UH135XE60D
		¹ AFUE	95%	95%	95%
		Input - Btuh	88,000	110,000	132,000
		Output - Btuh	85,000	106,000	128,000
		Temperature rise range - °F	40 - 70	45 - 75	50 - 80
		Gas Manifold Pressure (in. w.g.) Nat. Gas / LPG/Propane	3.5 / 10	3.5 / 10	3.5 / 10
		High static - in. w.g.	0.5	0.5	0.5
Energy Star® Certified			Yes	Yes	No
Connections in.	Intake / Exhaust Pipe (PVC)		2 / 2	2 / 2	2 / 2
	Gas pipe size IPS		1/2	1/2	1/2
	Condensate Drain Trap (PVC pipe) - i.d.		3/4	3/4	3/4
	with furnished 90° street elbow		3/4 slip x 3/4 Mipt	3/4 slip x 3/4 Mipt	3/4 slip x 3/4 Mipt
		with field supplied (PVC coupling) - o.d.	3/4 slip x 3/4 MPT	3/4 slip x 3/4 MPT	3/4 slip x 3/4 MPT
Indoor Blower	Wheel nom. dia. x width - in.		10 x 10	11-1/2 x 10	11-1/2 x 10
	Motor Type		DC Brushless	DC Brushless	DC Brushless
	Motor output - hp		3/4	1	1
	Tons of add-on cooling		2.5 - 4	3 - 5	3.5 - 5
	Air Volume Range - cfm		760 - 1740	1055 - 2220	1260 - 2405
Electrical Data		Voltage	120 volts - 60 hertz - 1 phase		
		Blower motor full load amps	8.4	10.9	10.9
		Maximum overcurrent protection	15	15	15
Shipping Data		lbs. - 1 package	158	170	187

NOTE - Filters and provisions for mounting are not furnished and must be field provided.

¹ Annual Fuel Utilization Efficiency based on DOE test procedures and according to FTC labeling regulations. Isolated combustion system rating for non-weatherized furnaces.

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER HEXA L 10, JV, LLC DATE 11/20/2019
PROPERTY ADDRESS 302 Discovery Rd C1802 BLOCK 701 LOT 9.05
ZONING _____ USE GROUP R5
CONTRACTOR GTO Mechanical Contractors LICENSE # REGISTRATION 13004
WATER MAIN SIZE 1" WATER PRESSURE _____ SEWER MAIN SIZE _____

<u>PLUMING FIXTURES</u>	<u>NUMBER</u>	<u>(sfu)</u>	<u>WATER UNITS</u>	<u>(dfu)</u>	<u>DRANAGE</u>
1. BATHROOM GROUP	<u>3.5</u>	()	<u>9.5</u>	()	_____
2. KITCHEN GROUP	<u>1</u>	()	<u>2</u>	()	_____
3. WATER CLOSETS	_____	()	_____	()	_____
4. LAVATORY	_____	()	_____	()	_____
5. BATH TUB	_____	()	_____	()	_____
6. SHOWER STALL	_____	()	_____	()	_____
7. KITCHEN SINK	_____	()	_____	()	_____
8. SERVICE SINK	_____	()	_____	()	_____
9. LAUNDRY TRAY	_____	()	_____	()	_____
10. DISHWASHER	_____	()	_____	()	_____
11. WASHING MACHINE	<u>1</u>	()	<u>4</u>	()	_____
12. URINAL	_____	()	_____	()	_____
13. FLOOR DRAIN	_____	()	_____	()	_____
14. DRINK FOUNTAIN	_____	()	_____	()	_____
15. AIR CONDITION	_____	()	_____	()	_____
WATER COOLED	_____	()	_____	()	_____
16. DENTAL UNIT	_____	()	_____	()	_____
17. LAWN SPRINKLE	_____	()	_____	()	_____
18. FIRE SPRINKLE	_____	()	_____	()	_____
19. HOSE BIBS	<u>2</u>	()	<u>3.5</u>	()	_____

TOTALS 19

GALLONS PER MINUTE 13

SIZE of SERVICE 1"

DATE: 11/20/2019

APPROVED BY: _____

.

.

* * * Communication Result Report (Nov. 20. 2019 12:43PM) * * *

1)
2)

Date/Time: Nov. 20. 2019 12:42PM

File	No. Mode	Destination	Pg(s)	Result	Page Not Sent
6202 Memory TX		BTMUA FAX	P. 1	OK	

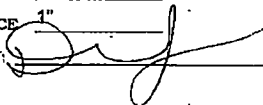
Reason for error

M. 1) Hang up or line fail
 M. 3) No answer
 M. 5) Exceeded max. E-mail size

E. 2) Busy
 E. 4) No facsimile connection
 E. 6) Destination does not support IP-Fax

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER HEXA L 10, JV, LLC DATE 11/20/2019
 PROPERTY ADDRESS 302 Discovery Rd C1802 BLOCK 701 LOT 9.05
 ZONING _____ USE GROUP R5
 CONTRACTOR GTO Mechanical Contractors LICENSE # REGISTRATION 13004
 WATER MAIN SIZE 1" WATER PRESSURE _____ SEWER MAIN SIZE _____

PLUMBING FIXTURES	NUMBER	(gfm)	WATER UNITS	(dfm)	DRAINAGE
1. BATHROOM GROUP	<u>3.5</u>	()	<u>9.5</u>	()	
2. KITCHEN GROUP	<u>1</u>	()	<u>2</u>	()	
3. WATER CLOSETS		()		()	
4. LAVATORY		()		()	
5. BATH TUB		()		()	
6. SHOWER STALL		()		()	
7. KITCHEN SINK		()		()	
8. SERVICE SINK		()		()	
9. LAUNDRY TRAY		()		()	
10. DISHWASHER		()		()	
11. WASHING MACHINE	<u>1</u>	()	<u>4</u>	()	
12. URINAL		()		()	
13. FLOOR DRAIN		()		()	
14. DRINK FOUNTAIN		()		()	
15. AIR CONDITION WATER COOLED		()		()	
16. DENTAL UNIT		()		()	
17. LAWN SPRINKLE		()		()	
18. FIRE SPRINKLE		()		()	
19. HOSE BIBS	<u>2</u>	()	<u>3.5</u>	()	
TOTALS			<u>19</u>		
GALLONS PER MINUTE			<u>13</u>		
DATE: <u>11/20/2019</u>		SIZE of SERVICE <u>1"</u>			
		APPROVED BY: 			



714 Lacey Road, Forked River, NJ 08731 Tel (609) 971-7002 Fax (609) 971-3391

www.SoilDistrict.org

SOIL EROSION AND SEDIMENT CONTROL CERTIFICATION N.J.S.A. 4:24-39, ET. SEQ., CHAPTER 251, P.L.1975

CERTIFICATION DATE: June 30, 2017

GS Realty/Amboy Bank
3590 U.S. Highway 9
Old Bridge, NJ 08857

Re: SCD# 10470, Chambers Bridge Road, Block 701, Lots 9, Brick Township

Pursuant to Chapter 251, Soil Erosion and Sediment Control Act, P.L. 1975, the Ocean County Soil Conservation District, hereby, grants certification of the soil erosion and sediment control plan for the above-referenced project, subject to the following:

1. The applicant is required to schedule a pre-construction meeting with the District prior to the start of soil disturbance activities. The applicant must also notify the District, by mail or fax, at least 48 hours prior to initial land disturbance.
2. Any changes to the certified Soil Erosion and Sediment Control Plan will require the submission of a revised Soil Erosion and Sediment Control Plan to the District for review and approval.
3. The applicant must notify the District when the project is completed.
NOTE: No certificate of occupancy can be granted by a municipality until a report of compliance is issued by the District.
4. The applicant must carry out all land disturbance activities in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey, promulgated by the State Soil Conservation Committee. A copy of the certified plan and a copy of these provisions must be kept on the job site at all times.
5. Any conveyance of the project (or portion thereof) will transfer full responsibility for compliance to subsequent owner(s). The District must be notified in writing of any change of ownership.
6. This certification is limited to the controls specified in this plan. It is not authorization to engage in the proposed land use unless such use has been previously approved by the municipality or other controlling agency. **THIS CERTIFICATION SHALL EXPIRE IN 3-1/2 YEARS.**

Failure to comply with any of the conditions listed may result in the issuance of a Stop Construction Order.

NOTE: (1) All sediment spilled, dropped, washed or tracked onto roadways (public or private), or other impervious surfaces must be removed immediately.

NOTE: (2) At the time of the final inspection you are required to provide confirmation that the proper type and amount of seed, lime and fertilizer have been used for permanent stabilization work.

NOTE: (3) Additional Measures will be required if erosion problems develop.

NOTE: (4) The revised Standards for Soil Erosion and Sediment Control in NJ require applicants to perform a soil test to determine the lime application rate prior to permanent stabilization.

WJ
SUPERVISOR

NEW JERSEY DEPARTMENT OF
COMMUNITY AFFAIRS



State of New Jersey
Department of Community Affairs
Division of Codes and Standards
Bureau of Homeowner Protection
PO Box 805
Trenton, NJ 08625-0805

If at any time a material fact changes in your registration application (i.e. Address, phone number, principals /officers, name of business) you are required to file an amended application with this Bureau within 30 days of that change.

As set forth in N.J.A.C. 5:25-2.5(b)(4) a Certificate of Builder Registration may be suspended if material changes in the most recent builder registration or amendment thereto is not reported within 30 days of the change. In accordance with N.J.A.C. 5:25-2.6 any builder who fails to file an amended application shall be subject to an administrative penalty levied by the Bureau of Homeowner Protection and collected in accordance with the Penalty Enforcement Law.

If you have provided warranties to homes which are in the first two (2) years of coverage, you must maintain a current registration for that period of warranty coverage.

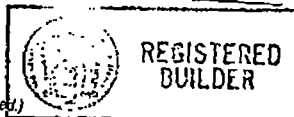
Renewal forms are sent as a courtesy. However it is the builder's responsibility to maintain current registration status. If you have not received your renewal application at least four weeks before the expiration date stamped on your card call this office

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
Division of Codes and Standards
New Home Warranty Program
This is to certify that

HEXA LIO JV LLC

is a registered builder under
the New Home Warranty and
Builder Registration Act,
(N.J.S.A. 46:38.1 et. seq.)

(This registration expires on the date stamped.)



Director

049736 SEP 30 2004

TOWNSHIP OF BRICK

DEBRIS FORM

WORK SITE ADDRESS: Discovery Road

BLOCK: 701 **LOT:** 9.05

HEXA L10 JV, LLC

CONTRACTOR'S ADDRESS: 2355 Rt. 33, Suite 2, Robbinsville, NJ 08691

Type of Construction(minor, new home): New Townhome

Type of Debris (shingles, siding, wood, etc.): wood, siding, drywall (typ. new constr.debris)

Party responsible for removal: MAZZA, Waste Mgmt., or equal

Dumpster Size: 30 yarders

Destination of Debris: To an approved NJDEP land fill site

Any recyclable material must be delivered to an approved recycling center and receipts provided to the Building Department along with tipping receipts for non-recyclables.

Generator's Certification: "Under penalty of criminal and civil prosecution for the making or submission of false statements, representations or omissions, I declare, on behalf of the generator that the contents of this document are fully and accurately described above and have been disposed of in accordance with all applicable State and Federal laws and regulations, and I have been authorized in writing, to make such declaration by the person in charge of the generator's operation."


Signature

9/27/19
Date

Bemba Balsirow
Print Name

