Township Archives
Township of Brick, NJ
401 Chambers Bridge Rd, Brick, NJ 08723

This File Contains Personal Identifiable Information of Private Citizen(s).

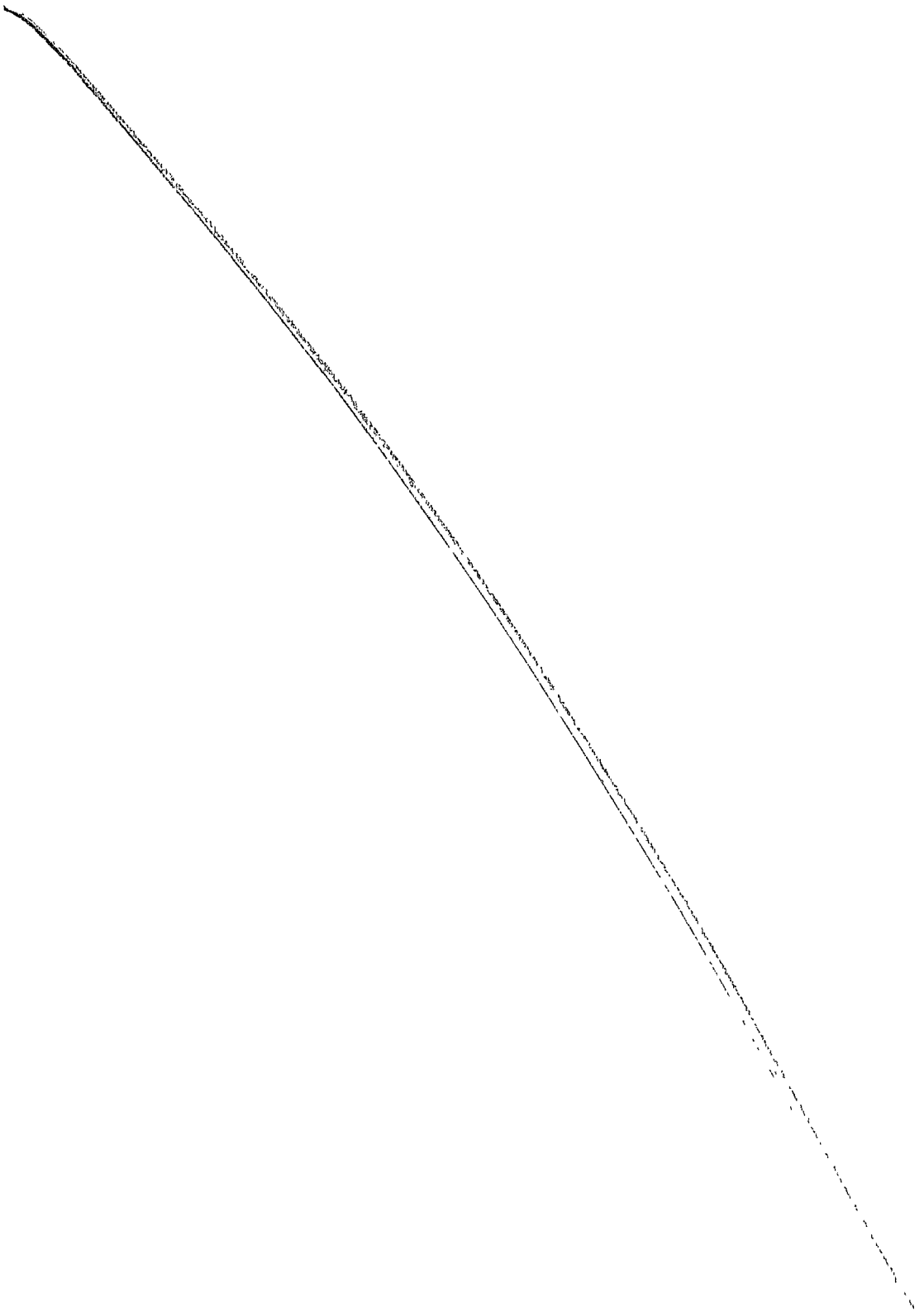
Certain information contained in this file is ***Exempt from Release*** under the Open Public Records Act (OPRA) (Public Law 2001, CHAPTER 404 (N.J.S.A. 47:1A-1 et seq.)) and Executive Orders issued by the Governor of New Jersey. The following information ***MUST*** be redacted prior to release:

- Social Security Numbers
- Drivers' License Numbers
- Unlisted Phone Numbers
- Credit Card Numbers
- Bank Account Numbers and Balances

For further information, consult with the Township Clerk, Township Archivist or Township Attorney prior to release.

Bryan J. Dickerson, CA, CMR
Township Archivist

Issued: 8 January 2020



BLOCK 590 LOT 6 QUALIFICATION CODE _____ ADDRESS (SITE) 861 Glenwood Pl, Brick PERMIT NO. 23-1472

CONSTRUCTION PERMIT APPLICATION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII C-22-004435

I. IDENTIFICATION

1. Proposed Work Site at: 861 Glenwood Place, Brick, NJ
2. Name of Owner in Fee: DRM CONSTRUCTION LLP c/o
   Tel. (848)448-6107 e-mail DRMCONSTRUCTIONLP@GMAIL
   Address 3 MARBIL AVENUE (street), Toms River (municipality) 08757 (zip code)
3. Ownership in Fee: Public _____ Private X (732)644-4895
4. Principal Contractor: DRM Construction LLP Tel. (848)448-6107
   Address _____ e-mail _____
   (RAPHAEL)
   License No. OR, if new home, Builder Reg. No. 049743 Exp. Date 4/30/2024
   Home Improvement Contractor Registration No. or Exemption Reason _____
   Federal Emp. ID No. 82-2716179 FAX: 914-0493
5. Architect or Engineer Michel D'Salvo Contact ~~(cell)~~ (732)814-7399
   Address 1471 IROQUOIS COURT, Toms River e-mail MWDSALVO@VERIZON.NET
   Tel. _____ FAX: _____
6. Responsible Person in Charge once Work has Begun Rafael / MANUEL
   Tel. (848)448-6107 / (732)644-4895 FAX: _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	$ 1489		
2. Electrical	558		
3. Plumbing	993	150	
4. Fire Protection	85	85	154
5. Elevator Devices			
6. Subtotal			
7. Less 20% for State Plan Review	$		
8. Subtotal	$		
9. State Permit Surcharge Fee	105		
10. Subtotal 2	$		
11. Cert. of Occupancy	325		
12. Other	Elev 3200	250	150
13. TOTAL	$ 7004		

VI. BUILDING/SITE CHARACTERISTICS

(office use only)

1. Number of Stories 2
2. Height of Structure 38.4" ~~50'~~ ft.
3. Area — Largest Floor 1,010 sq. ft.
4. New Building Area 1,904 sq. ft.
5. Volume of New Structure 26,773 cu. ft.
6. Max. Live Load 50 cuft ~~20 PSF~~
7. Max. Occupancy Load 9 Persons
8. If Industrialized Building: State Approved ____ HUD ____
9. Total Land Area Disturbed 1,075 sq. ft.
10. Flood Hazard Zone Coastal AE-9 (LiMWA)
11. Base Flood Elevation 9.0' ft.
12. Wetlands yes ____ no X

IIa. PROPOSED WORK

- ☐ Minor Work
- ☐ Repair
- ☐ Asbestos Abat. -Subch. 8
- ☒ New Building (New SFD)
- ☐ Alteration
- ☐ Lead Hazard Abatement
- ☐ Addition
- ☐ Renovation
- ☐ Radon Remediation
- ☐ Demolition
- ☐ Reconstruction
- ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

FOR OFFICE USE ONLY (Optional)

	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Resubmission Dates Rejection	Re-viewer
☒ Building	193,450.00	TB	12/12	5/1/23		TS	5/24/23		B
☒ Electrical	9,800.00				4-26-23	(illegible)			
☒ Plumbing	14,500.00				4-27-23	(illegible)			
☒ Fire Protection	2,250				5/4/23	(illegible)			
☐ Elevator		Exempt	12/20/22	12/28/22	2/24/23	(illegible)			
TOTAL COST	$220,800.00								

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL *(primary use)*

1. State Specific Use. _____
2. Use Group, Proposed: RS
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 _____

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

FLOOD ZONE - FEMA - Coastal AE-9 LiMWA

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, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

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, including such certification as the construction official may require, have been given or will be given prior to permit issuance.

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 DRM CONSTRUCTION LLP

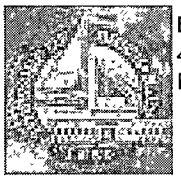
Address 3 MARBIL AVENUE, TOMS RIVER, NJ

Telephone (848) 445-6107

Signature Paul Pinkel

III. ( ) LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:23-2.15(b)4.

IV. ( ) HOME ELEVATION: Include Home Elevation Contractor Certification as per N.J.S.A. 52:27D-123.16.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Certificate

Construction Code Division
(Certificate of Occupancy)

Date Issued	5/28/2024
Control Number	C-22-004435
Permit Number	23-1472
Permit Issue Date	5/25/2023
Certificate Number	23-1472

Identification

Work Site Location: 861 GLENWOOD PL. Brick Township, NJ Block: 590 Lot: 6 Qual:

Owner in Fee: DRM CONSTRUCTION LLP

Owner Address: 3 MARBIL AVENUE TOMS RIVER NJ 08753

Telephone: (848) 448-6107

Contractor: DRM CONSTRUCTION

Address: 3 MARBIL AVE. TOMS RIVER NJ 08753

Telephone: (732) 644-4895 Fax: Federal Emp. Number: 822716179

License Number or Builders Registration Number:

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

Use Group: R-5 Construction Classification:

Maximum Live Load: Maximum Occupancy Load:

Description of Work/Use: SINGLE FAMILY DWELLING

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

Fee: $324.00
Check Number: 1735
Collected By: Darren Sirota

Date Printed: 5/28/2024

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

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**	☑	☐
11/30/23 brought in final as builts and elevation cert, put in gregg's office with file-DS TCO until 1/7/24 (inspection 12/7/23 rec'd in bldg. 12/14/23 MFF) 12/29/23 brought in Final As-Builts, put in Gregg's office-DS Passed 1/9/24 rec'd in bldg. 1/10/24 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 12/14/23 MFF Final Due $1701 - emailed contractor on 12/22/23 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)

BUILDING SUBCODE
TECHNICAL SECTION

Date Received
Control #

Date Issued MAY 25 2023
Permit # 23-1472

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood PL, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 448-6107 e-mail DRMConstructionLLP@Gmail.com

Address 3 Marbil Avenue (street) Toms River (municipality) 08753 (zip code)

Contractor: DRM Construction LLP Tel. (848) 448-6107

Address e-mail

Contractor License No. or Builder Registration No. 049743 Exp. Date

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

Federal Emp. ID No. 82-2716179 FAX: ( )

JOB SUMMARY (Office Use Only)

PLAN REVIEW — Date — Initial

- [ ] No Plans Required
- [✓] All — 5/24/23 — TB
- [ ] Footings/Foundations
- [ ] Structural/Framework
- [ ] Exterior
- [ ] Interior

Joint Plan Review Required:
[ ] Elec. [ ] Plumb. [ ] Fire [ ] Elevator

SUBCODE APPROVAL for PERMIT
Date: 5/24/23
Approved by: TB

SUBCODE APPROVAL for CERTIFICATE
[✓] CO [ ] CCO [ ] CA
Date: 12.14.23
Approved by:

Rec'd log sheet 7.7.23 JSP
As built 7.11.23 JSP

INSPECTIONS — Dates (Month/Day)

Type:	Failure	Failure	Approval	Initial
Footing	9-19-23		*7.20.23	TR
Footing Bonding				
Foundation/Dampproof			7/12/23	TR
Slab			8/24/23	TR
Frame			9/7/23	
Truss Sys./Bracing				
Barrier-Free				
Insulation - Partial Approval 9-16-23				
Finishes -Base Layer				
Finishes -Final				
~~Energy~~ Baking insulation for flue cavity 9/21/23				
Mechanical				
TCO				
Other Sheathing			8/3/23	TR
Final 10/5/23			12/13/23	
Barrier-Free				

B. BUILDING CHARACTERISTICS

Use Group Present ____ Proposed R5

No. of Stories 2

Height of Structure 38.4' ft.

Area — Largest Floor 1,010 sq. ft.

New Bldg. Area/All Floors 1,904 sq. ft.

Volume of New Structure 26,773 cu. ft.

Max. Live Load 50 cu/sq' ~~300 #/s FT2~~

Max. Occupancy Load 9 Persons

Constr. Class Present ____ Proposed ____

If Industrialized Building:
State Approved ____ HUD ____

Est. Cost of Bldg. Work:

1. New Bldg $ 190450.00
2. Rehabilitation $ 3000.00
3. Total (1+ 2) $ 193,450.00

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

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: DRM Construction by Member Rafael Pimentel

Print name here: Rafael Pimentel

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

New Construction of Single Family House.

AE-9

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)

$

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

1 White = Inspector Copy 2 Canary = Office Copy
3 Pink = Office Copy 4 Gold = Applicant Copy

9.18.23 Insulation for 1st/2nd Floors only
No Insulation installed under 1st floor

9-19-23 - Footings Full of water

9/20/23 - Stair Footings OK

13/5/23 OK Final - See Correction Notice

JCR Engineering, L.L.C.

Civil, Structural, Environmental and Consulting Engineers

Robert A. Woodcock, P.E., P.P.

915 Lacey Road
Forked River, New Jersey 08731
Tel: (609) 971-0745
Fax: (609) 971-0746
Email: rawoodcock@aol.com

June 21, 2023

Township of Brick
Construction Official
401 Chambersbridge Road
Brick, N.J. 08723

Re: Pile Certification
Block 590 Lot 6
861 Glenwood Place
Brick Township, New Jersey

JCR Engineering Job # 23400.194

The purpose of this letter is to certify that this office observed the driving of piles at the above referenced location on June 19, 2023 and that the size and type of piles installed conform to the approved plans. The piles were also driven to a capacity which exceeds the minimum required design load for each pile.

An as-built survey shall be performed by a licensed surveyor to ensure that the piles were driven in the correct location.

The piles were driven with a vibratory compactor. The make and model of the compactor was an Allied 2300. The weight of the vibratory compactor was 2,190 lbs and was operated at 24 HP.

The calculated ultimate bearing capacity was based on an average penetration rate recorded over a 5 second interval during the last foot of penetration. A spreadsheet of the recorded penetration rates for each pile is attached.

Therefore, in accordance with the energy formula utilized in the calculations, the piles developed a minimum bearing capacity of greater than 19.25tons. The design load ~~for each~~ of 12 inch diameter piles is 10 tons.

Should you have any questions or require additional information, please do not hesitate to contact me at (609) 971-0745.

Very truly yours,

Robert A. Woodcock, P.E.
NJ License No. GE 38940

JOB COPY
APPROVED FOR USE
7.7.23 JCT

Y90 SOL

JCR Engineering, LLC
915 Lacey Road
Forked River, N.J. 08731
Telephone: (609) 971-0745
Fax: (609) 971-0746

Hammer Type	Allied 2300 Series
Frequency, cycles/sec	35
Hammer Weight, lbs.	2190
Horsepower	24
Soil Loss Factor	0.008

Contractor: Amon Construction

JCR Engineering Job #: 23400.194

Vibratory Pile Driving - Load Testing Certification

Block 590 Lot 6 - Brick Township

861 Glenwood Place

Pile No.	Butt Dia. (Inches)	Pile Length (Ft.)	Penetration (Ft.)	Time (Seconds)	Drop (Inches)	Rate (Ft. / Sec)	Pile Capacity Tons	Design Load Tons
1	12	25	15.0	5.0	4.0	0.0667	19.25	10
2	12	25	15.0	5.0	4.0	0.0667	19.25	10
3	12	25	15.0	5.0	4.0	0.0667	19.25	10
4	12	25	15.0	5.0	4.0	0.0667	19.25	10
5	12	25	15.0	5.0	4.0	0.0667	19.25	10
6	12	25	15.0	5.0	4.0	0.0667	19.25	10
7	12	25	15.0	5.0	4.0	0.0667	19.25	10
8	12	25	15.0	5.0	4.0	0.0667	19.25	10
9	12	25	15.0	5.0	4.0	0.0667	19.25	10
10	12	25	15.0	5.0	4.0	0.0667	19.25	10
11	12	25	15.0	5.0	4.0	0.0667	19.25	10
12	12	25	15.0	5.0	4.0	0.0667	19.25	10
13	12	25	15.0	5.0	4.0	0.0667	19.25	10
14	12	25	15.0	5.0	4.0	0.0667	19.25	10
15	12	25	15.0	5.0	4.0	0.0667	19.25	10
16	12	25	15.0	5.0	4.0	0.0667	19.25	10
17	12	25	15.0	5.0	4.0	0.0667	19.25	10
18	12	25	15.0	5.0	4.0	0.0667	19.25	10
19	12	25	15.0	5.0	4.0	0.0667	19.25	10
20	12	25	15.0	5.0	4.0	0.0667	19.25	10
21	12	25	15.0	5.0	4.0	0.0667	19.25	10
22	12	25	15.0	5.0	4.0	0.0667	19.25	10
23	12	25	15.0	5.0	4.0	0.0667	19.25	10

Michele DiSalvo R.A. - Architect

1471 Iroquois Court, Toms River, NJ 08755

Tel.: (732) 914-0493 *Email: mwdsaia@verizon.net*

NJ License No. AI 13738

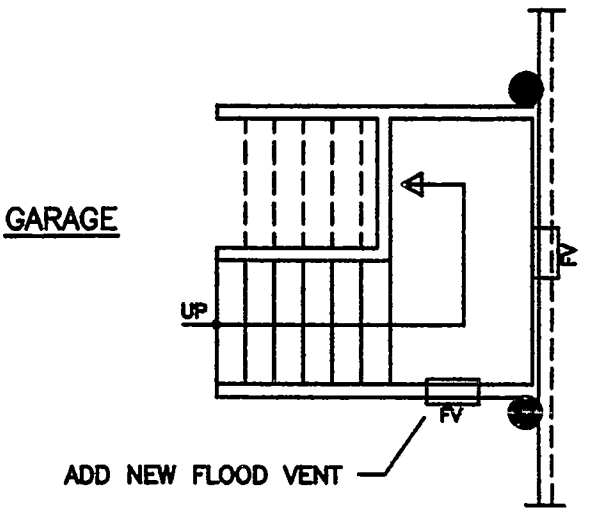
December 7, 2023

Township of Brick Building Department
401 Chambers Bridge Road
Brick, New Jersey 08723

Re: Flood vents
861 Glenwood Place
Brick, New Jersey

Dear Sir,

This letter addresses the placement of flood vents. Each enclosed area is required to have (2) flood vents. A flood vent is to be added to the side of the enclosed area under the stair.



STAIR DETAIL

Should you have any questions or need additional information, please contact this office.

Sincerely,

Michele Di Salvo, RA
Architect

Michele DiSalvo R.A. - Architect

1471 Iroquois Court, Toms River, NJ 08755

Tel.: (732) 914-0493 *Email: mwdsaia@verizon.net*

NJ License No. AI 13738

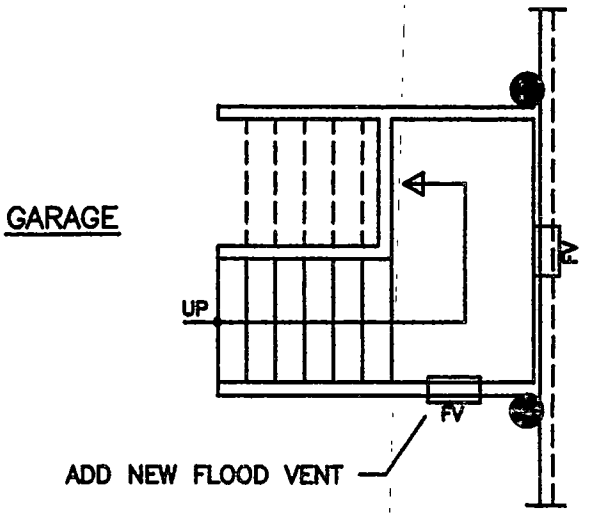
December 7, 2023

Township of Brick Building Department
401 Chambers Bridge Road
Brick, New Jersey 08723

Re: Flood vents
861 Glenwood Place
Brick, New Jersey

Dear Sir,

This letter addresses the placement of flood vents. Each enclosed area is required to have (2) flood vents. A flood vent is to be added to the side of the enclosed area under the stair.



STAIR DETAIL

Should you have any questions or need additional information, please contact this office.

Sincerely,

Michele Di Salvo, RA
Architect

DR# [illegible] BS29328881

ELECTRICAL SUBCODE
TECHNICAL SECTION

Date Received
Control #
Date Issued
Permit # 23-1472

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood Place, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 448-6107 e-mail DRMConstructionLP@Gmail.com

Address 3 Marbil Avenue, Toms River, NJ 08757
street municipality zip code

Contractor: 55 Electric Tel. 732 904-6427

Address 63 Loganberry Lane e-mail
Toms River, NJ 08753

Contractor License No. 11413 Exp. Date 3/31/24

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 146-72-5038 FAX:

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 9800.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial -Understab Utilities Approved
Date: Approved by:

[✓] Electric Plans Approved
Date 4-26-23 Approved by: (JW)

Joint Plan Review Required:
[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4-26-23
Approved by: (JW)

SUBCODE APPROVAL for CERTIFICATE
[✓] CO [ ] CCO [ ] CA
Date: 12-6-23
Approved by: (JW)

INSPECTIONS Type:	Failure	Failure	Dates (Month/Day) Approval	Initial
Rough			9-22-23	RL
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service			9-6-23	(JW)
Final			12-4-23	RL
Barrier-Free				

Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued 9-7-23 (JW)
Annual Pool Inspection
Date of Grounding and Bonding Certification

C. CERTIFICATION IN LIEU OF OATH

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

Applicant sign/Contractor sign and seal here:

Print name here: Scott H Shaw

[✓] Licensed Elec. Contractor [ ] Certif'd Landscape Irrigation Cont'r [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: New House

QTY.	SIZE	ITEMS	FEE (Office Use Only)
53		Lighting Fixtures	
62		Receptacles	
34		Switches	
6		Detectors	
		Light Poles	
		Motors—Fract. HP	
		Emergency & Exit Lights	
		Communications Points	
		Alarm Devices/F.A.C. Panel	
0		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	
1	6	KW Dishwasher	
		HP Garbage Disposal	
1	3 1/2	KW Central A/C Unit	
1	1	HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
1	200	AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

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

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

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

Partial Rough Pass -

1ST & 2ND Fl

Enclosure not Passed - wire in Breakaway walls

RL
9-22-23 Ground Floor Rough passed

9-27-23 service Already passed

PLUMBING SUBCODE
TECHNICAL SECTION

Date Received
Control #

Date Issued MAY 25 2023
Permit # 23-1472

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 GLENWOOD PL, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 448-6107 e-mail DRMconstructionLLP@Gmail.com

Address 3 Marbil Avenue, Toms River, NJ 08757
street municipality zip code

Contractor: City Group Plumbing Tel. 732 773 5441

Address 633 Englemere Blvd e-mail city.group.plumbing
Toms River NJ 08757 @gmail.com

Contractor License No. 12328 Exp. Date 6/23

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 463210033 FAX:

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed

Building Sewer Size 3" Public Sewer V Private Septic

Water Service Size 1" Public Water V Private Well

Est. Cost of Plumbing Work $ 14,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[X] Plumbing Plans Approved
Date: 4-7-23 Approved by: MC
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 11-27-23
Approved by: MC

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date: 12-01-23
Approved by: MC

INSPECTIONS Type:	Failure	Failure	Approval Dates (Month/Day)	Initial
Slab				
Rough			8-10-23	GC
Water			8-10-23	GC
Sewer			8-10-23	GC
Fixtures				
Gas Equipment				
Gas Piping			8-10-23	GC
LPGas Tank				
Fuel Oil Piping				
~~Solar~~ Yoke	9-25-23		11-13-23	GC
TCO				
Final			12-01-23	MC

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: Richard Bruno

[X] Licensed Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
New House Plumbing

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

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

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9-25-23 Meter Pit not open
Can't see yoke
GVCP

OK 11-13-23
GVCP

PLUMBING SUBCODE
TECHNICAL SECTION

Date Received
Control #
Date Issued
Permit # 23-1472-PA

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood PL, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 448-6107 e-mail DRMConstructionLP@Gmail.com

Address 3 Marbil Ave. (street) Toms River (municipality) 08753 (zip code)

Contractor. Air Solutions Tel. 732 281 8030

Address 242 Atlantic City Blvd Ste 7 e-mail
Bayville NJ 08721

Contractor License No. 19HC00548200 Exp. Date 6/30/22

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 272631827 FAX: 732 551 2337

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed

Building Sewer Size Public Sewer Private Septic

Water Service Size Public Water Private Well

Est. Cost of Plumbing Work $ 4,500.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[X] Plumbing Plans Approved
Date: 4-27-23 Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date 4-27-23
Approved by:

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [X] CA
Date: 12.01.23
Approved by:

INSPECTIONS	Dates (Month/Day) Failure	Failure	Approval	Initial
Type.				
Slab				
Rough			8-10-23	
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping				
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
Final			12/01/23	WH

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: ANTHONY BATTISTA

[X] Licensed Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
INSTALLATION OF NEW HVAC SYSTEM

QTY.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
	Water Closet	$
	Urinal/Bidet	
	Bath Tub	
	Lavatory	
	Shower	
	Floor Drain	
	Sink	
	Dishwasher	
	Drinking Fountain	
	Washing Machine	
	Hose Bibb	
	Water Heater	
	Fuel Oil Piping	
	Gas Piping	
	LPGas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Sewer Connection	
	Water Service Connection	
	Stacks	
1	Other Hot Air Furnace AC	

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

* * * Communication Result Report (Nov. 13. 2023 2:45PM) * * *

1)
2)

Date/Time: Nov. 13. 2023 2:44PM

File No.	Mode	Destination	Pg(s)	Result	Page Not Sent
3484	Memory TX	BTMUA FAX	P. 1	OK	

Reason for error
E. 1) Hang up or line fail
E. 2) Busy
E. 3) No answer
E. 4) No facsimile connection
E. 5) Exceeded max. E-mail size
E. 6) Destination does not support IP-Fax

PLUMBING SUBCODE
TECHNICAL SECTION

Date Received MAY 2 5 2023
Control #
Date Issued
Permit # 23-1472

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

Block 580 Lot 6 Qualification Code
Work Site Location 861 Glenwood PL, Brick, NJ 08723
Owner in Fee: DRM Construction LLC
Tel. (848) 448-6107 e-mail DRMconstructionLLC@Gmail.com
Address 3 Marble Avenue, Toms River, NJ 08757
Contractor City Group Plumbing Tel. 732 773 5441
Address 633 Englewood Blvd Toms River NJ 08757 e-mail citygroupplumbing@gmail.com
Contractor License No 12328 Exp. Date 6/23
Home Improvement Contractor Registration No. or Exemption Reason
Federal Emp ID No. 463210033 FAX

B. PLUMBING CHARACTERISTICS
Use Group Present Proposed
Building Sewer Size 4" Public Sewer ✓ Private Septic
Water Service Size 1" Public Water ✓ Private Well
Est. Cost of Plumbing Work $ 14,500

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[ ] No Plans Required
[ ] Partial-Underslab Utilities Approved
Date: Approved by
[X] Plumbing Plans Approved
Date: 4-7-23 Approved by: [illegible]
Joint Plan Review Required
[ ] Bldg. [ ] Elec. [ ] Fire [ ] Elev
SUBCODE APPROVAL for PERMIT.
Date: 4-7-23
Approved by: [illegible]
SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA.
Date
Approved by

INSPECTIONS Type	Failure	Failure	Approval	Initial
Slab			8-10-23	[illegible]
Rough			8-9-23	[illegible]
Water			8-9-23	[illegible]
Sewer			8-10-23	[illegible]
Fixtures				
Gas Equipment				
Gas Piping			8-10-23	[illegible]
LPGas Tank				
Fuel Oil Piping				
Valve	9-28-23		11-13-23	[illegible]
TCO				
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 Richard Bruno
[X] Licensed Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK
New House Plumbing

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

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

UCC F130 (rev 10/17)

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FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received MAY 2 5 2023
Control #
Date Issued
Permit # 23-1472

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

Block 290 Lot 6 Qualification Code

Work Site Location 861 Glenwood Pl, Brick, NJ 08723

Owner in Fee: DRM Construction LLC

Tel. (848) 448-6107 e-mail DRMConstructionLLC@Gmail.com

Address 3 Marbil Ave, Toms River NJ 0857
street municipality zip code

Contractor: SS Electric Tel. 232 9276427

Address 63 Loganberry Lane e-mail
TR NJ 08753 ScottShawElectric@Verizon.net

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

Federal Emp. ID No. FAX:

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed

Constr. Class: Present Proposed

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 $ 600.00

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: [signature]

Print name here: Scott Shaw

[ ] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:
Water Supply Source
Method of Alarm/Suppression System Supervision

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks		$
Alarm Systems		
[ ] System		
[4] 110v Interconnected		
[2] 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	6	
TOTAL		
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		

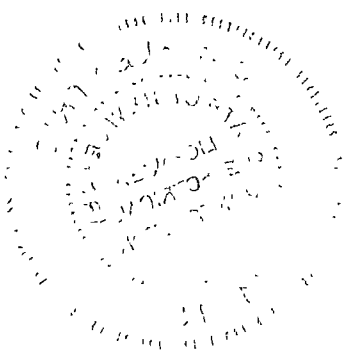
Administrative Surcharge $
Minimum Fee $
State Permit Surcharge Fee $
TOTAL FEE $

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[ ] Fire Protection Plans Approved
Date: Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.
SUBCODE APPROVAL for PERMIT
Date: 5/4/23
Approved by: [signature]
SUBCODE APPROVAL for CERTIFICATE
[✓] CO [ ] CCO [ ] CA
Date: 12/1/23
Approved by: [signature]

INSPECTIONS Dates (Month/Day)

Type:	Failure	Failure	Approval	Initial
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final			12/1/23	SA
Other			9-6-23	DM



FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received MAY 25 2023
Control #
Date Issued
Permit # 23-1472 +H

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood PL, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 448-6107 e-mail DRMConstructionLP@Gmail.com

Address 3 Marbil Avenue Toms River 08753
(street, municipality, zip code)

Contractor: AIR Solutions Tel. (732) 281 8030

Address 242 Atlantic City Blvd STE 7 e-mail
Bayville NJ 08721

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 (if applicable):

Federal Emp. ID No. 272631827 FAX: (732) 5512337

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed

Constr. Class: Present Proposed

Heating System: [✓] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [✓] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Location: Attic

Total Cost of Fire Protection Work $ 4,250.00

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 sign/Contractor sign and seal here:

Print name here: Anthony Bacon Jr.

[ ] Certified Contractor [✓] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Water Supply Source

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		
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	1	
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: Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 5/25/23
Approved by: [signature]

SUBCODE APPROVAL for CERTIFICATE
[✓] CO [ ] CCO [ ] CA
Date: 6/1/23
Approved by: [signature]

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final			6/1/23	
Other			6/7/23	

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

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

Date Received
Control # MAY 25 2023
Date Issued
Permit # 23-1472

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

Block 590 Lot 6 Qualification Code
Work Site Location 861 Glenwood PL, Brick, NJ 08723

Owner in Fee DRM CONSTRUCTION LLP
Tel (848) 448-6107 e-mail DRMCONSTRUCTIONLLP@GMAIL.COM
Address 861 Glenwood PL, Brick, NJ 08723
Contractor City Group Plumbing Tel. 732 773 5441
Address 1333 Englemere Blvd e-mail
Toms River 08757
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
Federal Emp ID No 463210033 FAX

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed
Constr. Class: Present Proposed

Heating System: [X] New or [ ] Modification to Existing
or [ ] Conversion or [ ] Replacement
Fuel Type [X] Gas [ ] Oil [ ] Electric [ ] Solar
[ ] Other
Location

Total Cost of Fire Protection Work $ 1,000

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 that the foregoing application
Applicant/Contractor sign here
Print Name here Richard Bruno

D. TECHNICAL SITE DATA [ ] Certified Contractor [ ] Limited Applicant

DESCRIPTION OF WORK: WH, DRYER, RANGE
Water Supply Source Gas Fired Appliances
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 pressure)		
Signaling Devices (i.e., horn/strobes, bells)		
Other Devices		
TOTAL	0	
Suppression Systems		
Fire Pump GPM Type		
Dry Pipe/Alarm Valves		
Pre-action Valves		
Sprinkler Heads (Dry or 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 [X] Gas [ ] Oil [ ] Solid	2	Dryer Range
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 - Underlab Utilities Approved
Date Approved by
[ ] Fire Protection Plans Approved
Date Approved by
Joint Plan Review Required.
[ ] Bldg [ ] Elec [ ] Plumb [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date 5/4/23
Approved by

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] TCO [ ] CA
Date 12/1/23
Approved by

INSPECTIONS: Type	Dates (Month/Day): Failure	Failure	Approved	Initial
Alarm System				
Suppression Sys				
Standpipe				
Fire Pump				
Pre-Eng System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final			12/1/23	
Other			9-6-23	

UCC. F140 (rev. 6/11) Internet version

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

INSPECTOR: GREG PIELLO

JOB: SFD

SECTION: CEDARWOOD PARK

TYPE OF WORK: NEW

PERMIT #: 23-1472

WEATHER / TEMP: Cloudy, 33°F

DATE: 1/9/24

INSPECTION: FINAL C.O.

LOCATION: 861 GLENWOOD PL.

BLOCK: 590 LOT: 6

ENGINEERING RECOMMENDATIONS FOR CERTIFICATION OF OCCUPANCY INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway	✓	
2. Grading	✓	
3. Sidewalk	N/A	
4. Road Pavement	✓	
5. Landscaping & Sodding	✓	
6. Clean-up Procedures	✓	
7. Note on-going construction in immediate area	✓	
8. Safety	✓	
9. As Built Survey / Elevation Certificate	✓	

COMMENTS REFERENCING ITEM NUMBER:

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

E.C. Comerford

MUNICIPAL ENGINEER

* 1/9/24 OK FINAL – MR

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

OMB Control No. 1660-0008
Expiration Date: 06/30/2026

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

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

SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

A1. Building Owner's Name: Manny Leonardo

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 861 Glenwood Place

City: Brick State: NJ ZIP Code: 08723

A3. Property Description (e.g., Lot and Block Numbers or Legal Description) and/or Tax Parcel Number: Lot 6 Block 590

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

A5. Latitude/Longitude: Lat. 40° 3'8.80"N Long. 74° 7'45.65"W Horizontal Datum: ☐ NAD 1927 ☐ NAD 1983 ☒ WGS 84

A6. Attach at least two and when possible four clear photographs (one for each side) of the building (see Form pages 7 and 8).

A7. Building Diagram Number: 6 ✓

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

a) Square footage of crawlspace or enclosure(s): 733.00 ✓ sq. ft.

b) Is there at least one permanent flood opening on two different sides of each enclosed area? ☒ Yes ☐ No ☐ N/A

c) Enter number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade:
Non-engineered flood openings: 0 Engineered flood openings: 5 ✓

d) Total net open area of non-engineered flood openings in A8.c: 0.00 sq. in.

e) Total rated area of engineered flood openings in A8.c (attach documentation – see Instructions): 1,000.00 ✓ sq. ft.

f) Sum of A8.d and A8.e rated area (if applicable – see Instructions): sq. ft.

A9. For a building with an attached garage:

a) Square footage of attached garage: 0.00 ✓ sq. ft.

b) Is there at least one permanent flood opening on two different sides of the attached garage? ☐ Yes ☐ No ☒ N/A

c) Enter number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade:
Non-engineered flood openings: 0 Engineered flood openings: 0

d) Total net open area of non-engineered flood openings in A9.c: 0.00 sq. in.

e) Total rated area of engineered flood openings in A9.c (attach documentation – see Instructions): 0.00 sq. ft.

f) Sum of A9.d and A9.e rated area (if applicable – see Instructions): 0.00 sq. ft.

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1.a. NFIP Community Name: Township of Brick B1.b. NFIP Community Identification Number: 345285

B2. County Name: Ocean B3. State: NJ B4. Map/Panel No.: 34029C0192 B5. Suffix: F

B6. FIRM Index Date: 09/29/2006 B7. FIRM Panel Effective/Revised Date: 09/29/2006

B8. Flood Zone(s): AE B9. Base Flood Elevation(s) (BFE) (Zone AO, use Base Flood Depth): 6

B10. Indicate the source of the BFE data or Base Flood Depth entered in Item B9:
☐ FIS ☒ FIRM ☐ Community Determined ☐ Other:

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

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

B13. Is the building located seaward of the Limit of Moderate Wave Action (LiMWA)? ☐ Yes ☒ No

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 861 Glenwood Place

City: Brick State: NJ ZIP Code: 08723

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

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

C2. Elevations – Zones A1–A30, AE, AH, AO, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO, A99. Complete Items C2.a–h below according to the Building Diagram specified in Item A7. In Puerto Rico only, enter meters.
Benchmark Utilized: GPS observations Vertical Datum: NAVD 1988

Indicate elevation datum used for the elevations in items a) through h) below.
☐ NGVD 1929 ☒ NAVD 1988 ☐ Other:

Datum used for building elevations must be the same as that used for the BFE. Conversion factor used? ☐ Yes ☒ No
If Yes, describe the source of the conversion factor in the Section D Comments area.

		Check the measurement used:
a) Top of bottom floor (including basement, crawlspace, or enclosure floor):	3.40 ✓	☒ feet ☐ meters
b) Top of the next higher floor (see Instructions):	13.40 ✓	☒ feet ☐ meters
c) Bottom of the lowest horizontal structural member (see Instructions):	12.40 ✓	☒ feet ☐ meters
d) Attached garage (top of slab):		☐ feet ☐ meters
e) Lowest elevation of Machinery and Equipment (M&E) servicing the building (describe type of M&E and location in Section D Comments area):	12.70 ✓	☒ feet ☐ meters
f) Lowest Adjacent Grade (LAG) next to building: ☐ Natural ☒ Finished	3.10 ✓	☒ feet ☐ meters
g) Highest Adjacent Grade (HAG) next to building: ☐ Natural ☒ Finished	3.50 ✓	☒ feet ☐ meters
h) Finished LAG at lowest elevation of attached deck or stairs, including structural support:	2.90 ✓	☒ feet ☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

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

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

☒ Check here if attachments and describe in the Comments area. ✓

Certifier's Name: David J. Von Steenburg, P.L.S. License Number: 34500

Title: P.L.S.

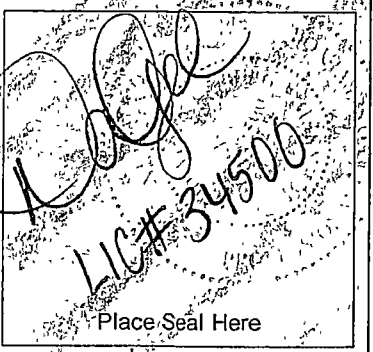
Company Name: Morgan Engineering, LLC

Address: P.O. Box 5232

City: Toms River State: NJ ZIP Code: 08754

Signature: Date: 11/08/2023

Telephone: (732) 270-9690 Ext.: Email:



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

Comments (including source of conversion factor in C2; type of equipment and location per C2.e; and description of any attachments):
The dwelling sits on pilings with an enclosure. The air conditioner unit sits outside on a platform at elevation 12.7'. Engineered flood vent: Smart Vent 1540-520. Latitude and longitude recorded from Google Earth. benchmark elevation established through GPS observations and Leica RTK Network. (Preliminary FEMA Zone/Elev - AE 9 (Coastal A Zone) [34029C0192G - Revised Preliminary January 30, 2015])

✓

(E20-00308)

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 861 Glenwood Place	FOR INSURANCE COMPANY USE
City: Brick State: NJ ZIP Code: 08723	Policy Number: _____
	Company NAIC Number: _____

SECTION E – BUILDING MEASUREMENT INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO, ZONE AR/AO, AND ZONE A (WITHOUT BFE)

For Zones AO, AR/AO, and A (without BFE), complete Items E1–E5. For Items E1–E4, use natural grade, if available. If the Certificate is intended to support a Letter of Map Change request, complete Sections A, B, and C. Check the measurement used. In Puerto Rico only, enter meters.

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

E1. Provide measurements (C.2.a in applicable Building Diagram) for the following and check the appropriate boxes to show whether the measurement is above or below the natural HAG and the LAG.

a) Top of bottom floor (including basement, crawlspace, or enclosure) is: _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is: _____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 1–2 of Instructions), the next higher floor (C2.b in applicable Building Diagram) of the building is: _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is: _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is: _____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown The local official must certify this information in Section G.

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

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

☐ Check here if attachments and describe in the Comments area.

Property Owner or Owner's Authorized Representative Name: _____

Address: _____

City: _____ State: _____ ZIP Code: _____

Signature: _____ Date: _____

Telephone: _____ Ext.: _____ Email: _____

Comments:

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 861 Glenwood Place	FOR INSURANCE COMPANY USE
City: Brick State: NJ ZIP Code: 08723	Policy Number:
	Company NAIC Number:

SECTION G – COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when:

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2.a. ☐ A local official completed Section E for a building located in Zone A (without a BFE), Zone AO, or Zone AR/AO, or when item E5 is completed for a building located in Zone AO.

G2.b. ☐ A local official completed Section H for insurance purposes.

G3. ☐ In the Comments area of Section G, the local official describes specific corrections to the information in Sections A, B, E and H.

G4. ☐ The following information (Items G5–G11) is provided for community floodplain management purposes.

G5. Permit Number: _____ G6. Date Permit Issued: _____

G7. Date Certificate of Compliance/Occupancy Issued: _____

G8. This permit has been issued for: ☒ New Construction ☐ Substantial Improvement

G9.a. Elevation of as-built lowest floor (including basement) of the building: _____ ☐ feet ☐ meters Datum: _____

G9.b. Elevation of bottom of as-built lowest horizontal structural member: _____ ☐ feet ☐ meters Datum: _____

G10.a. BFE (or depth in Zone AO) of flooding at the building site: _____ ☐ feet ☐ meters Datum: _____

G10.b. Community's minimum elevation (or depth in Zone AO) requirement for the lowest floor or lowest horizontal structural member: _____ ☐ feet ☐ meters Datum: _____

G11. Variance issued? ☐ Yes ☒ No If yes, attach documentation and describe in the Comments area.

The local official who provides information in Section G must sign here. *I have completed the information in Section G and certify that it is correct to the best of my knowledge. If applicable, I have also provided specific corrections in the Comments area of this section.*

Local Official's Name: _____ Title: _____

NFIP Community Name: _____

Telephone: Ext.: _____ Email: _____

Address: _____

City: _____ State: _____ ZIP Code: _____

Signature: _____ Date: _____

Comments (including type of equipment and location, per C2.e; description of any attachments; and corrections to specific information in Sections A, B, D, E, or H):

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: 861 Glenwood Place	FOR INSURANCE COMPANY USE
City: Brick State: NJ ZIP Code: 08723	Policy Number: _____
	Company NAIC Number: _____

SECTION H – BUILDING'S FIRST FLOOR HEIGHT INFORMATION FOR ALL ZONES (SURVEY NOT REQUIRED) (FOR INSURANCE PURPOSES ONLY)

The property owner, owner's authorized representative, or local floodplain management official may complete Section H for all flood zones to determine the building's first floor height for insurance purposes. Sections A, B, and I must also be completed. Enter heights to the nearest tenth of a foot (nearest tenth of a meter in Puerto Rico). ***Reference the Foundation Type Diagrams (at the end of Section H Instructions) and the appropriate Building Diagrams (at the end of Section I Instructions) to complete this section.***

H1. Provide the height of the top of the floor (as indicated in Foundation Type Diagrams) above the Lowest Adjacent Grade (LAG):

a) **For Building Diagrams 1A, 1B, 3, and 5–9.** Top of bottom floor (include above-grade floors only for buildings with subgrade crawlspaces or enclosure floors) is: _____ ☐ feet ☐ meters ☐ above the LAG

b) **For Building Diagrams 2A, 2B, 4, and 6–9.** Top of next higher floor (i.e., the floor above basement, crawlspace, or enclosure floor) is: _____ ☐ feet ☐ meters ☐ above the LAG

H2. Is **all** Machinery and Equipment servicing the building (as listed in Item H2 instructions) elevated to or above the floor indicated by the H2 arrow (shown in the Foundation Type Diagrams at end of Section H instructions) for the appropriate Building Diagram?

☐ Yes ☐ No

SECTION I – PROPERTY OWNER (OR OWNER'S AUTHORIZED REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and H must sign here. *The statements in Sections A, B, and H are correct to the best of my knowledge.* **Note:** If the local floodplain management official completed Section H, they should indicate in Item G2.b and sign Section G.

☐ Check here if attachments are provided (including required photos) and describe each attachment in the Comments area.

Property Owner or Owner's Authorized Representative Name: _____

Address: _____

City: _____ State: _____ ZIP Code: _____

Signature: _____ Date: _____

Telephone: _____ Ext.: _____ Email: _____

Comments:

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

BUILDING PHOTOGRAPHS

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
861 Glenwood Place

City: Brick State: NJ ZIP Code: 08723

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

Instructions: Insert below at least two and when possible four photographs showing each side of the building (for example, may only be able to take front and back pictures of townhouses/rowhouses). Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." Photographs must show the foundation. When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.

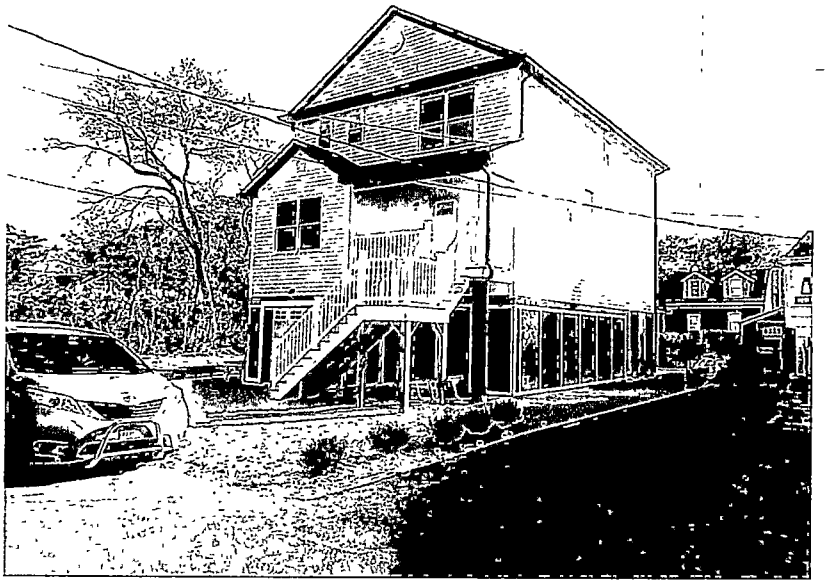


Photo One

Photo One Caption: Front view (11/08/2023)

Clear Photo One

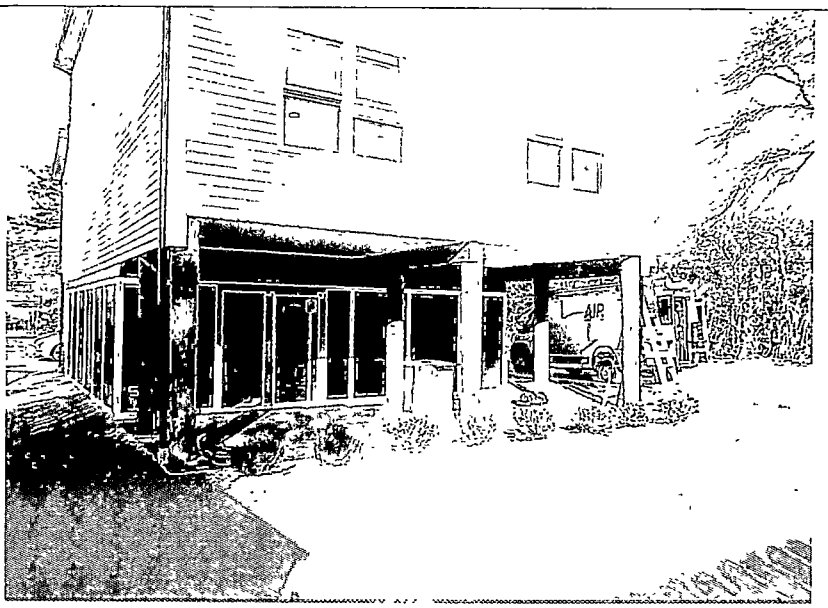


Photo Two

Photo Two Caption: Rear view (11/08/2023)

Clear Photo Two

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON PAGES 9-19

BUILDING PHOTOGRAPHS

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.:
861 Glenwood Place

City: Brick State: NJ ZIP Code: 08723

FOR INSURANCE COMPANY USE

Policy Number:

Company NAIC Number:

Insert the third and fourth photographs below. Identify all photographs with the date taken and "Front View," "Rear View," "Right Side View," or "Left Side View." When flood openings are present, include at least one close-up photograph of representative flood openings or vents, as indicated in Sections A8 and A9.

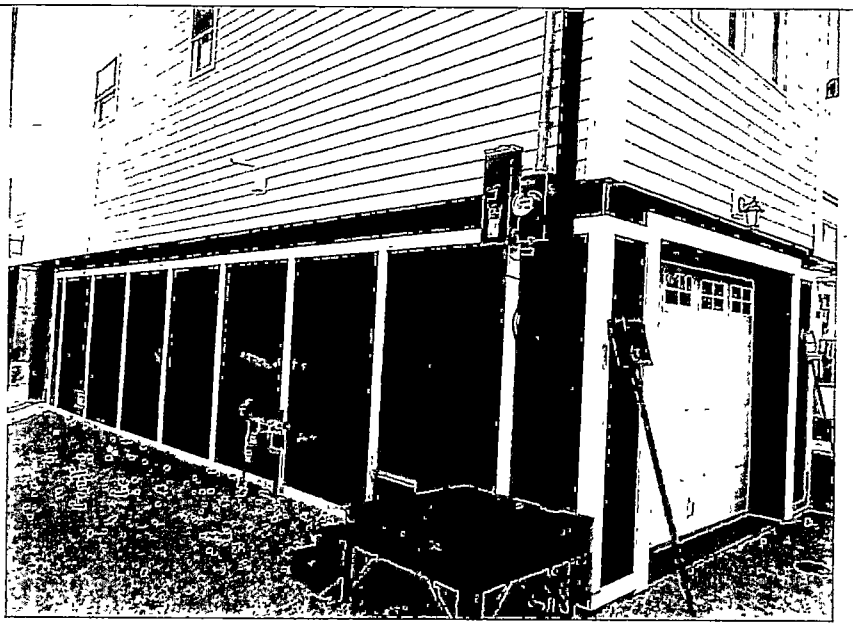


Photo Three

Photo Three Caption: Side view/vents (11/08/2023)

Clear Photo Three

Photo Four

Photo Four Caption: Side view/vents (11/08/2023)

Clear Photo Four

Note: The V Zone design certificate is not a substitute for the NFIP Elevation Certificate (see Fact Sheet No. 1.4, *Lowest Floor Elevation*), which is required to certify as-built elevations needed for flood insurance rating.

V ZONE DESIGN CERTIFICATE

Name DRM Construction LLP Policy Number (Insurance Co. Use) _____

Building Address of Other Description 861 Glenwood Place

Permit No. _____ City Brick State NJ Zip Code 08723

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. 34029 Panel No. 192 Suffix G FIRM Date 1/30/15 FIRM Zone(s) AE9

SECTION II: Elevation Information Used for Design

[NOTE: This section documents the elevations/depths used or specified in the design – it does not document surveyed elevations and is not equivalent to the as-built elevations required to be submitted during or after construction.]

1.	FIRM Base Flood Elevation (BFE)	9	feet*
2.	Community's Design Flood Elevation (DFE)	10	feet*
3.	Elevation of the Bottom of Lowest Horizontal Structure Member	11.3	feet*
4.	Elevation of Lowest Adjacent Grade	3.2	feet*
5.	Depth of Anticipated Scour/Erosion used for Foundation Design	2	feet
6.	Embedment Depth of Pilings of Foundation Below Lowest Adjacent Grade	20	feet

* Indicate elevation datum used in 1-4: ☐ NGVD29 ■ NAVD88 ☐ Other _____

SECTION III: V Zone Design Certification Statement

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of the above-referenced building and (2) that the design and methods of construction specified to be used are in accordance with accepted standards of practice** for meeting the following provisions:

- The bottom of the lowest horizontal structural member of the lowest floor (excluding piles and columns) is elevated to or above the BFE.
- The pile and column foundation and structure attached thereto is anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood***. Wind loading values used are those required by the applicable State or local building code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

SECTION IV: Breakaway Wall Design Certification Statement

[NOTE. This section must be certified by a registered engineer or architect when breakaway walls are designed to have a resistance of more than 20 psf (0.96 kN/m2) determined using allowable stress design]

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of breakaway walls to be constructed under the above-referenced building and (2) that the design and methods of construction specified to be used are in accordance with accepted standards of practice** for meeting the following provisions:

- Breakaway wall collapse shall result from a water load less than that which would occur during the base flood***.
- The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the effects of wind and water loads acting simultaneously on all building components (see Section III).

SECTION V: Certification and Seal

This certification is to be signed and sealed by a registered professional engineer or architect authorized by law to certify structural designs. I certify the V Zone Design Certification Statement (Section III) and x the Breakaway Wall Design Certification Statement (Section IV, check if applicable).

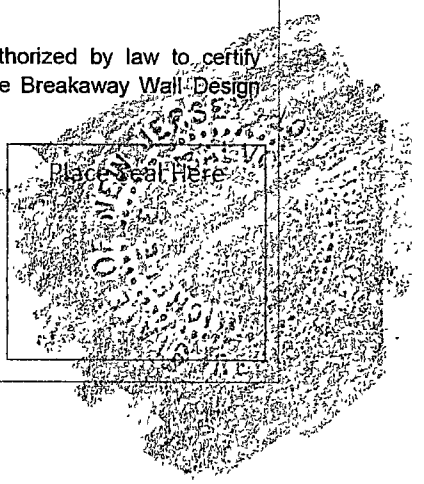
Certifier's Name Michele Di Salvo License Number AI 13738

Title ARCHITECT Company Name Michele DiSalvo, RA

Address 1471 Iroquois Court

City Toms River State NJ Zip Code 08755

Signature _____ Date 1/12/2023 Telephone 732-914-0493



ICC EVALUATION SERVICE

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ICC-ES Evaluation Report

ESR-2074

Reissued 02/2023

This report is subject to renewal 02/2025.

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DIVISION: 08 00 00—OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 FLOOD VENT SEALING KIT #1540-526

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ANAB ACCREDITED ISO/IEC 17065 PRODUCT CERTIFICATION BODY

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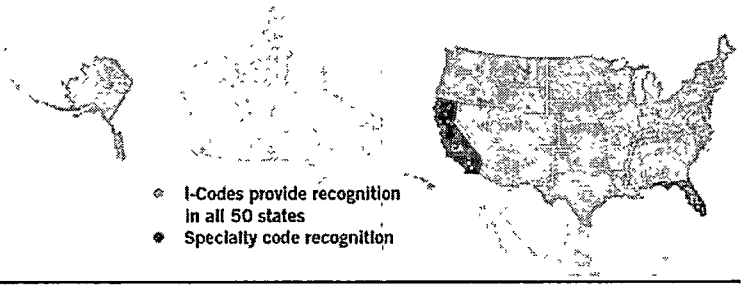
ICC EVALUATION SERVICE



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ICC-ES Evaluation Report

Reissued February 2023

ESR-2074

This report is subject to renewal February 2025.

DIVISION: 08 00 00—OPENINGS
Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514
FLOOD VENT SEALING KIT #1540-526

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018, 2015, 2012, 2009 and 2006 *International Building Code®* (IBC)
- 2021, 2018, 2015, 2012, 2009 and 2006 *International Residential Code®* (IRC)
- 2021 and 2018 *International Energy Conservation Code®* (IECC)
- 2013 *Abu Dhabi International Building Code* (ADIBC)†

†The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

Properties evaluated:

- Physical operation
- Water flow

2.0 USES

The Smart Vent® units are engineered mechanically operated flood vents (FVs) employed to equalize hydrostatic pressure on walls of enclosures subject to rising or falling flood waters. Certain models also allow natural ventilation.

3.0 DESCRIPTION

3.1 General:

When subjected to rising water, the Smart Vent® FVs internal floats are activated, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The FV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the door to rotate out of the way and allow flow. The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. Smart Vent® Automatic Foundation Flood Vents are available in various models and sizes as described in Table 1. The SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 units each contain two vertically arranged openings per unit.

3.2 Engineered Opening:

The FVs comply with the design principle noted in Section 2.7.2.2 and Section 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)] for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent FVs must be installed in accordance with Section 4.0.

3.3 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with $^1/_4$-inch-by-$^1/_4$-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm^2) of net free area to supply natural ventilation. The SmartVENT® Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm^2) of net free area to supply natural ventilation. Other FVs described in this report do not offer natural ventilation.

3.4 Flood Vent Sealing Kit:

The Flood Vent Sealing Kit Model #1540-526 is used with SmartVENT® Model #1540-520. It is a Homasote 440 Sound Barrier® (ESR-1374) insert with 21 – 2-inch-by-2-inch (51 mm x 51 mm) squares cut in it. See Figure 4.

4.0 DESIGN AND INSTALLATION

4.1 SmartVENT® and FloodVENT®:

SmartVENT® and FloodVENT® are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. Installation clips allow mounting in masonry and concrete walls of any thickness. In order to comply with the engineered opening design principle noted in Section 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)], the Smart Vent® FVs must be installed as follows:

ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report

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- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one FV for every 200 square feet (18.6 m^2) of enclosed area, except that the SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 must be installed with a minimum of one FV for every 400 square feet (37.2 m^2) of enclosed area.
- Below the base flood elevation.
- With the bottom of the FV located a maximum of 12 inches (305.4 mm) above the higher of the final grade or floor and finished exterior grade immediately under each opening.

4.2 Flood Vent Sealing Kit

The Flood Vent Sealing Kit Model 1540-526 is used in conjunction with FloodVENT® Model #1540-520. When installed and tested in accordance with ASTM E283, the FV and Flood Vent Sealing Kit assembly have an air leakage rate of less than 0.2 cubic feet per minute per lineal foot (18.56 l/min per lineal meter) at a pressure differential of 1 pound per square foot (50 Pa) based on 12.58 lineal feet (3.8 lineal meters) contained by the Flood Vent Sealing Kit.

5.0 CONDITIONS OF USE

The Smart Vent® FVs described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 The Smart Vent® FVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.

5.2 The Smart Vent® FVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

6.0 EVIDENCE SUBMITTED

6.1 Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015 (editorially revised February 2021).

6.2 Test report on air infiltration in accordance with ASTM E283.

7.0 IDENTIFICATION

7.1 The Smart VENT® models and the Flood Vent Sealing Kit described in this report must be identified by a label bearing the manufacturer's name (Smartvent Products, Inc.), the model number, and the evaluation report number (ESR-2074).

7.2 The report holder's contact information is the following:

SMART VENT PRODUCTS, INC.
19 MANTUA ROAD
MOUNT ROYAL, NEW JERSEY 08061
(877) 441-8368
www.smartvent.com
info@smartvent.com

TABLE 1—MODEL SIZES

MODEL NAME	MODEL NUMBER	MODEL SIZE (in.)	COVERAGE (sq. ft.)
FloodVENT®	1540-520	15 3/4" X 7 3/4"	200
SmartVENT®	1540-510	15 3/4" X 7 3/4"	200
FloodVENT® Overhead Door	1540-524	15 3/4" X 7 3/4"	200
SmartVENT® Overhead Door	1540-514	15 3/4" X 7 3/4"	200
Wood Wall FloodVENT®	1540-570	14" X 8 3/4"	200
Wood Wall FloodVENT® Overhead Door	1540-574	14" X 8 3/4"	200
SmartVENT® Stacker	1540-511	16" X 16"	400
FloodVent® Stacker	1540-521	16" X 16"	400

For **SI:** 1 inch = 25.4 mm, 1 square foot = m^2

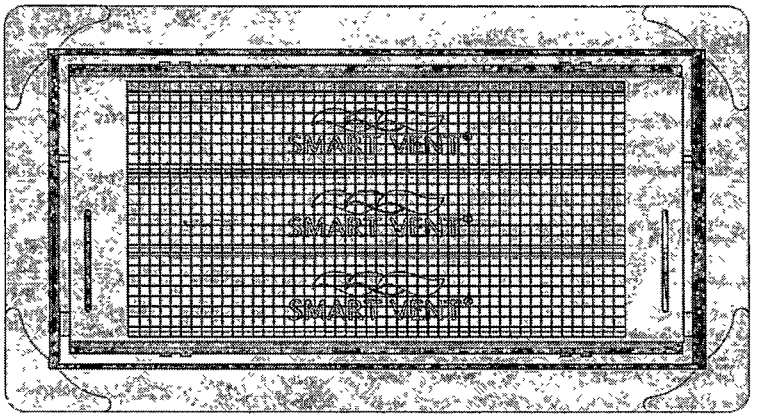

FIGURE 1—SMART VENT: MODEL 1540-510

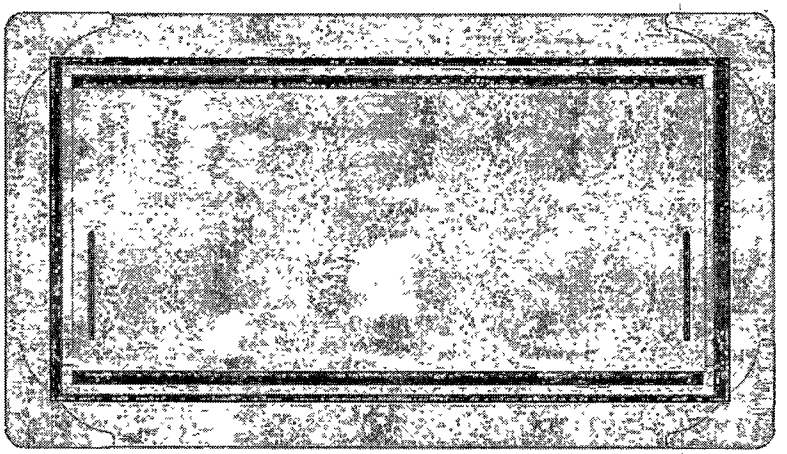

FIGURE 2—SMART VENT MODEL 1540-520

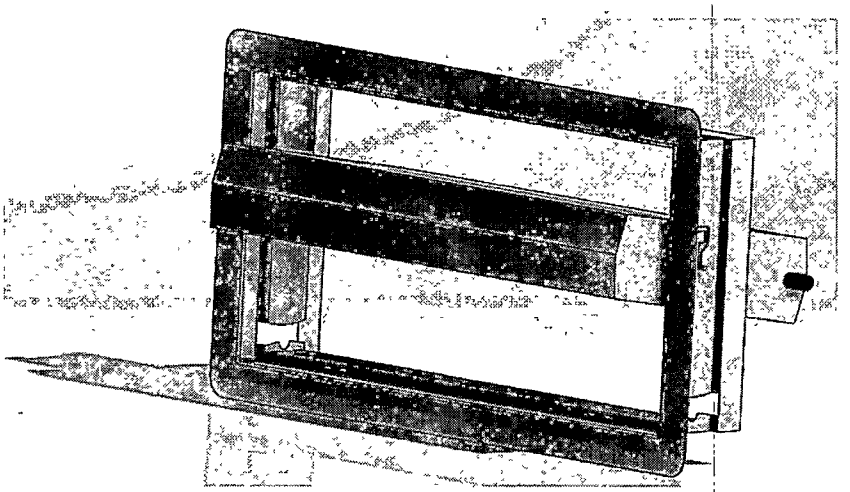

FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

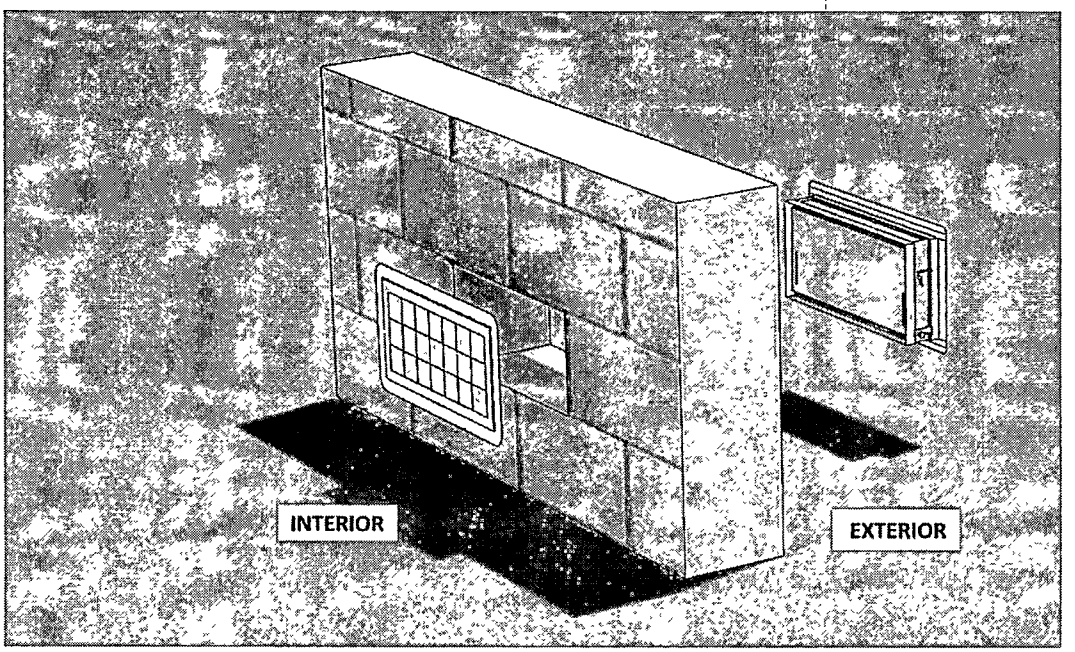

FIGURE 4—FLOOD VENT SEALING KIT

DIVISION: 08 00 00—OPENINGS
Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514
FLOOD VENT SEALING KIT #1540-526

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, described in ICC-ES evaluation report ESR-2074, have also been evaluated for compliance with codes noted below.

Applicable code editions:

■ 2019 *California Building Code* (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) AKA: California Department of Health Care Access and Information (HCAI) and the Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2019 *California Residential Code* (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with 2019 CBC Chapter 12, provided the design and installation are in accordance with the 2018 *International Building Code®* (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 12 and 16 , as applicable.

2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

2.2 CRC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the 2019 CRC, provided the design and installation are in accordance with the 2018 *International Residential Code®* (IRC) provisions noted in the evaluation report.

This supplement expires concurrently with the evaluation report, reissued February 2023.

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ICC-ES Evaluation Report

ESR-2074 FBC Supplement

Reissued February 2023

This report is subject to renewal February 2025.

www.icc-es.org | (800) 423-6587 | (562) 699-0543 *A Subsidiary of the International Code Council®*

DIVISION: 08 00 00—OPENINGS
Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

EVALUATION SUBJECT:

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514
FLOOD VENT SEALING KIT #1540-526

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, described in ICC-ES evaluation report ESR-2074, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2020 *Florida Building Code—Building*
- 2020 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the *Florida Building Code—Building* and the *Florida Building Code—Residential*, provided the design requirements are determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential,* as applicable. The installation requirements noted in ICC-ES evaluation report ESR-2074 for 2018 *International Building Code®* meet the requirements of the *Florida Building Code—Building* or the *Florida Building Code—Residential,* as applicable.

Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* and the *Florida Building Code—Residential.*

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued February 2023.

ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.

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Brick Township

401 Chambers Bridge Road
Brick, NJ 08723
732-262-1030

CORRECTION NOTICE

ADDRESS 861 Glenwood Place

PERMIT NUMBER 23-1472 BLOCK _____ LOT _____

~~OWNER~~ Tina

Upon inspection, violations of the X Building ___ Plumbing ___ Electric ___ Fire Code were in evidence and the following orders are hereby issued for their correction:

1) Harvest load Fire Code Perimeter Girders (Sheathing)
2) Fire stop 2 chases in Garage at Top.
3) Exterior Rear Girders wrap and protect from weather. Girders not exterior.
4) Stairs in garage Railings to short at Bottom must be continuous from Top Riser to Bottom Riser.
5) Fire caulk Pipes in garage Top.
6) Seal vent under stair enclosure.
7) Install new post caps at all exterior stairs.
8) Basement stairs Temp Glass need at landing, not etched in Glass.

PLEASE CALL FOR INSPECTION WHEN CORRECTIONS HAVE BEEN COMPLETED. ACCEPTANCE AND APPROVAL BY AN INSPECTOR OF THIS DEPARTMENT IS REQUIRED.

DATE 12/5/23 INSPECTOR _____

BRICK 50 YEARS UTILITIES
THE BRICK TOWNSHIP 1969 - 2019 MUNICIPAL UTILITIES AUTHORITY

CERTIFICATE OF COMPLIANCE

Date: 5/14/24

Name: DRM CONSTRUCTION LLP

Address: 3 MARBIL AVE TOMS RIVER NJ 08753

Property Location: 861 GLENWOOD PL

Acct No: 10232007-0 **Block** 390 **Lot** 6

Residential	Commercial – Specify Type	No. Of Units
R01		1

Size of Sewer Service	Size of Water Service	Meter Size
4"	3/4"	1"

	Water Service	Sewer Service
APPLICATION FEES		
CONNECTION FEES		RE-CONNECTION 381.00
INSPECTION FEES	PD 15.00	15.00
METER UP-GRADE FEE	54.00	

For the Authority

23-1422

OCEAN COUNTY SOIL
NOV 02 2022
CONSERVATION DISTRICT

OCEAN COUNTY SOIL CONSERVATION DISTRICT

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

REQUEST FOR DETERMINATION OF NON-APPLICABILITY
****IMPORTANT – READ ALL INFORMATION CAREFULLY****

E-5190

Applicant/Owner: DRM CONSTRUCTION	Project Address: 861 Glenwood Place
Address: 3 MARBIL AVE.	Project Municipality: Brick
City, State, Zip: TOMS RIVER, NJ 08753	Block (s) 590
Phone: 732-644-4895	Lots (s) 6
Fax:	Email: DRMCONSTRUCTIONLP@GMAIL.COM

A SIGNED AND SEALED PLOT PLAN OR SITE PLAN SHOWING THE TOTAL AREA OF SOIL / SURFACE DISTURBANCE MUST BE SUBMITTED ALONG WITH THIS REQUEST.

Note: N.J.S.A. 4:24-41 (d) – "Disturbance" means any activity involving the clearing, excavation, storing, grading, filling or transporting of soil or any other activity which causes soil to be exposed to the danger of erosion. (Area of disturbance must be indicated on the plan and include building footprint, driveways, parking areas, sidewalks, utilities, grading, staging/stockpiling areas, etc.)

I, the undersigned, request that the subject land disturbance be reviewed for determination of non-applicability of the NJ Soil Erosion and Sediment Control Act, P.L. 1975 (N.J.S.A. 4:24 - et seq.) based on the following activity for total soil / surface disturbance of less than 5,000 square feet:

Project Description *(Check all that apply):*

- [x] New Construction of a single-family dwelling
- [ ] Renovation/addition &/or house raise
- [ ] Commercial construction/site plan
- [ ] Demolition
- [ ] Grading/Excavation &/or Stockpiling
- [ ] Agriculture (crop farming- including orchards) or horticulture. This applies only to cultivation. It does not apply to construction of buildings/greenhouses which require a construction permit or site plan review, unless the structure is part of a farm conservation plan in accordance with NJAC 2:90-1.8- 9 a & b). Submit a copy of the farm conservation plan that conforms with NRCS standards and clearly showing included areas. The fee will be waived for this exception.

A $150.00 NON-REFUNDABLE project non-applicability determination fee is required, made payable to the Ocean County Soil Conservation District (OCSCD).

I understand and agree that if the activity I propose changes from the specifications denoted in this application, it will render this exemption void. A re-assessment will be made by the District.

TOTAL SOIL DISTURBANCE 2,768 **sq. ft*** (*Clearly denoted on submitted plot/site plan.)

Applicant's Signature [signature] Date 10/31/2022

****************************** **DISTRICT USE ONLY** ******************************

Verification of Non-Applicability – Whereas, the owner has certified, in writing, that they are engaging in the above referenced exempt activity, and, therefore, a certified Soil Erosion and Sediment Control application will not be required by the Ocean County Soil Conservation District.

District Official: [signature] Date: 11/15/22 Approved ✓ Denied ____

Reason for Denial: ______________________

Healthy Soil is at the Root of Everything!

2-10 HBW Copy
5/24/2024

CERTIFICATE OF PARTICIPATION

RETURN SIGNED HBW COPY TO:
Email: 210HBW@2-10.com I Phone:800.488.8844
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): Allison Volpe, Tighe Crovetti
(Name(s) as recorded on deed) Home Phone Email

Address of Home: 861 Glenwood Place | Brick | 1506 | NJ | 08723
Street | City | Muni-code | State | Zip Code

Block #: 590 Lot #: 6 Subdivision:

2. Builder Name: DRM Construction L.P. HBW Builder #: NJ-8805-6177-HW-

3. Effective Date of Warranty (Date of Closing): June 13, 2024 State Registration #: 49743

4. Contract Price of Home: $600,000.00 Total Warranty Amount Paid: $1,530.00

5. Rate Formula:

$600,000.00	x	1.25	=	$600,000.00	÷ 1,000 =	$600.00	x	$2.55	=	$1,530.00
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 _____ (date main structure housing individual units is completed).

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: _____ Date:_____

Verification:

2-10 HBW Copy

Enrollment Verification Number:

NJ148288

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: 05/24/2024

Community Development and Land Use

401 Chambers Bridge Rd.

Brick NJ 08723

(732) 262-1041

Receipt

Payment Date 5/24/2024

Transaction # PMT-24-04805

Receipt #

Issued To DRM CONSTRUCTION

Description
Residential-Final AH Pymt
861 Glenwood Place Brick NJ 08723
BL 590 L 6

Date Printed 5/24/2024

Check Number 1893

Cash	$0.00
Check	$1,701.00
Charge	$0.00
Total Paid	$1,701.00

RECEIVED
MAY 28 2024
BUILDING

23-1472

Eric
5/24/24, 5:14 PM

All Media

DINYLAST INC
1838 SHORTHMORE AVE
HOOD, NJ 08701

BRICK TOWNSHIP DIVISION OF INSPECTIONS

MUST CIRCLE ONE OR BOTH:

Receipt for Garbage Can x 1

Receipt for Recycling Can x 1

Date: 11/8/23

Block 590 Lot 6 Qual. _____

Circle Size: 95 - Gallon ($75.00) x2 | 65 - Gallon ($65.00) | 35 - Gallon ($65.00)

NAME: DRM CONSTRUCTION LLP

Phone Number: (848)448-6107/(732)644-4895

PAID BY (cash/check#): 1805

*** DELIVERY ADDRESS: 861 Glenwood Pl, Brick

TOTAL AMOUNT PAID: $150.00

*** PAYMENT RECEIVED BY: Kath

ONLY TWO CANS ALLOWED PER PROPERTY

* PAYMENT BY CHECK OR EXACT CASH ONLY

APPLICATION FOR CERTIFICATE

Date Received 12/12/2022
Date Permit Issued 5/25/2023
Control # C-22-004435
Permit # 23-1472
Date Issued

IDENTIFICATION

Block 590 Lot 6 Qualifier

Work Site Location 861 GLENWOOD PL. Brick Township, NJ

Owner in Fee DRM CONSTRUCTION LLP
3 MARBIL AVENUE TOMS RIVER NJ 08753

Telephone (848) 448-6107

Contractor DRM CONSTRUCTION
Address 3 MARBIL AVE. TOMS RIVER NJ 08753

Telephone (732) 644-4895
Lic. No. or Bldrs. Reg. No.
Federal Employee. No. 822716179

ACTION

- [x] CERTIFICATE OF OCCUPANCY
- [ ] CERTIFICATE OF CONTINUED OCCUPANCY
- [ ] LEAD HAZARD ABATEMENT CERTIFICATE OF CLEARANCE
- [ ] TEMPORARY CERTIFICATE OF OCCUPANCY

USE GROUP _____ Previous R-5 Current

FINAL COST OF CONSTRUCTION: $ 218350
(Include value of any new structure, all on-site improvements, built-in furnishings and fixtures and all the integral equipment exclusive of process or manufacturing equipment.)

A set of "As Built" or amended drawings is required if the building or structure deviates from the approved plans filed with the construction permit. Use space below to describe any deviations from approved plans:

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

DESCRIPTION OF WORK/USE:
New/Alteration SINGLE FAMILY DWELLING

I hereby attest that to the best of my knowledge, the completed project meets the conditions of 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 complete by the date on the

SIGNED: _____
Owner/Agent

- [ ] OWNER
- [ ] AGENT

Builder Copy
5/24/2024

CERTIFICATE OF PARTICIPATION

RETURN SIGNED HBW COPY TO:
Email: 210HBW@2-10.com I Phone:800.488.8844
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.

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(Name(s) as recorded on deed) — Home Phone — Email

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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

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CERTIFICATION OF ENROLLMENT

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Homeowner(s): _____ Date: _____

Homeowner(s): _____ Date: _____

Builder: _____ Date: _____

Verification:

Builder Copy

Enrollment Verification Number:

NJ148288

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: 05/24/2024

Municipality Copy
5/24/2024

CERTIFICATE OF PARTICIPATION

23-1472

RETURN SIGNED HBW COPY TO:
Email: 210HBW@2-10.com | Phone: 800.488.8844
P.O. Box 441525 | Aurora, CO 80044-1525

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

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Homeowner(s): _____ Date: _____

Homeowner(s): _____ Date: _____

Builder: _____ Date: _____

Verification:

Municipality Copy

Enrollment Verification Number:

NJ148288

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: 05/24/2024

Homeowner Copy
5/24/2024

CERTIFICATE OF PARTICIPATION

RETURN SIGNED HBW COPY TO:
Email: 210HBW@2-10.com | Phone: 800.488.8844
P.O. Box 441525 | Aurora, CO 80044-1525

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. Homeowner(s): Allison Volpe, Tighe Crovetti
(Name(s) as recorded on deed) Home Phone Email

Address of Home: 861 Glenwood Place | Brick | 1506 | NJ | 08723
Street | City | Muni-code | State | Zip Code

Block #: 590 Lot #: 6 Subdivision:

2. Builder Name: DRM Construction L.P. HBW Builder #: NJ-8805-6177-HW-

3. Effective Date of Warranty (Date of Closing): June 13, 2024 State Registration #: 49743

4. Contract Price of Home: $600,000.00 Total Warranty Amount Paid: $1,530.00

5. Rate Formula:

$600,000.00	x	1.25	=	$600,000.00	÷ 1,000 =	$600.00	x	$2.55	=	$1,530.00
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 _____ (date main structure housing individual units is completed).

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: _____ Date: _____

Verification:

Homeowner Copy

Enrollment Verification Number:

NJ148288

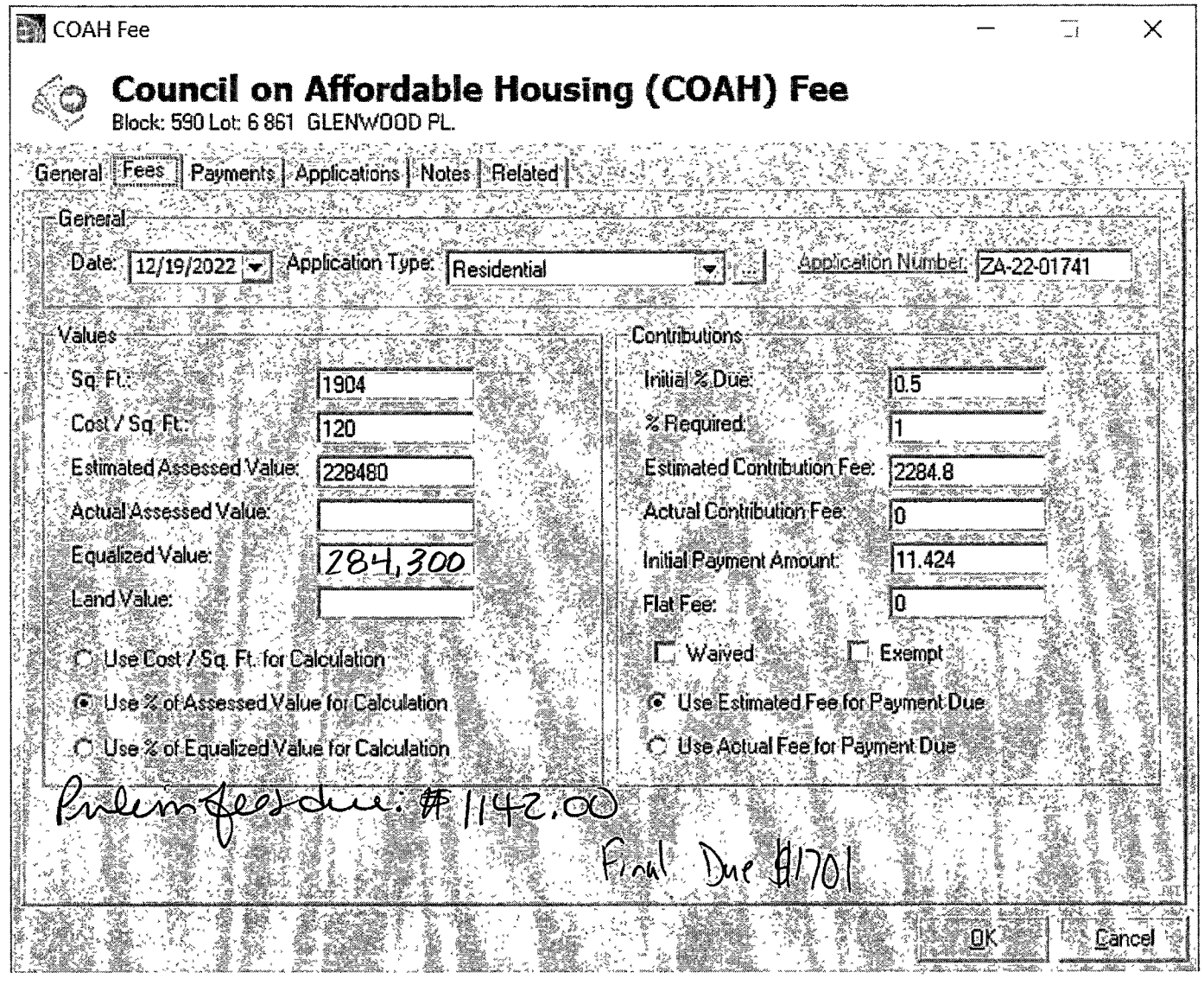
WARRANTY INSURER

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: 05/24/2024


COAH Fee
Council on Affordable Housing (COAH) Fee
Block: 590 Lot: 6 861 GLENWOOD PL.
General
Fees
Payments
Applications
Notes
Related
General
Date: 12/19/2022
Application Type: Residential
Application Number: ZA-22-01741
Values
Sq. Ft.: 1904
Cost / Sq. Ft.: 120
Estimated Assessed Value: 228480
Actual Assessed Value:
Equalized Value: 284,300
Land Value:
Use Cost / Sq. Ft. for Calculation
Use % of Assessed Value for Calculation
Use % of Equalized Value for Calculation
Contributions
Initial % Due: 0.5
% Required: 1
Estimated Contribution Fee: 2284.8
Actual Contribution Fee: 0
Initial Payment Amount: 11.424
Flat Fee: 0
Waived
Exempt
Use Estimated Fee for Payment Due
Use Actual Fee for Payment Due
Prelim fee due: $1142.00
Final Due $1701
OK
Cancel

INSPECTOR: GREG RIELLO

JOB: SFD

SECTION: CEDARWOOD PARK

TYPE OF WORK: NEW

PERMIT #: 23-1472

WEATHER / TEMP: SNOW, 37°F

DATE: 12/7/23

INSPECTION: FINAL C.O.

LOCATION: 861 GLENWOOD PL.

BLOCK: 590 LOT: 6

ENGINEERING RECOMMENDATIONS FOR CERTIFICATION OF OCCUPANCY INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway	✓	
2. Grading & DRAINAGE		✓ POP-UP EMITTERS & LOW SPOT
3. Sidewalk	N/A	
4. Road Pavement	✓	
5. Landscaping & Sodding	✓	
6. Clean-up Procedures	✓	
7. Note on-going construction in immediate area	✓	
8. Safety	✓	
9. As Built Survey / ~~Elevation Certificate~~		✓ PAPERWORK

COMMENTS REFERENCING ITEM NUMBER:

* POP-UP EMITTERS NEED TO BE LOCATED BEHIND PROPERTY LINE & OUTSIDE TOWNSHIP RIGHT OF WAY. CONFIRM LOCATION ON FINAL ASBUILT SURVEY.

* LEFT SIDE YARD APPEARS TO HAVE A LOW SPOT PER FINAL ASBUILT SURVEY. RAKE STONE TO REMOVE LOW SPOT & DIRECT RUNOFF TO ROADWAY.

* REUSE & RESUBMIT (2) SEALED COPIES OF THE FINAL ASBUILT SURVEY.

RECOMMENDATIONS:

☒ TEMP. C.O. (30 DAYS, EXPIRES 1/7/24)

☐ FINAL C.O.

☐ DETAILED REINSPECTION

☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

☐ REQUIRES PERMIT UPDATE / ADDITIONAL PERMITS

☐ $50.00 REINSPECTION FEE

Elissa C. Commins

MUNICIPAL ENGINEER

DRMCONSTRUCTIONLP@gmail.com

ENGINEERING PERMIT APPLICATION

RECEIVING CLERK MEW

PERMIT # REV-23-00442HA

BLOCK 590 **LOT** 6 **ADDRESS** 861 Glenwood PL, Brick, NJ 08723

IDENTIFICATION:

1. WORK SITE ADDRESS 861 Glenwood, PL, Brick, NJ 08723
2. APPLICANT DRM Construction LLP
3. NAME OF OWNER IN FEE DRM Construction LLP
   ADDRESS 3 Marbil Avenue, Toms River, NJ 08753
   PHONE (848) 448-6107 EMAIL DRMConstructionLP@Gmail.com
4. PRINCIPAL CONTRACTOR DRM Construction LLP
   ADDRESS
   PHONE EMAIL
5. ARCHITECT OR ENGINEER Michel D'Salvo / Morgan engineer
   ADDRESS
   PHONE (732) 270-9690 EMAIL MorganEngineeringLLC.com
6. RESPONSIBLE PERSON FOR WORK Rafael / Manuel
   ADDRESS 3 Marbil Avenue, Toms River, NJ 08753
   PHONE (848) 448-6107 EMAIL DRMConstructionLP@Gmail.com

FEE SUMMARY:

APPLICATION FEE	#1799	$ 200.00
REVIEW FEE		$
INSPECTION FEE		$
OTHER		$
BOND(S)		$
TOTAL		$ 200.00

SPECIAL CONDITIONS:

OCEAN COUNTY SOILS

DRAINAGE EASEMENTS

UTILITY EASEMENTS

CONSERVATION EASEMENTS

FEMA REQUIREMENTS PFIRM. Coastal AE-9 Limit

D.E.P. PERMITS

BOARD APPROVAL: ☐ PB ☐ ZB

APPLICATION NUMBER

APPROVED DATE

PROJECT DESCRIPTION: ☐ GRADING/CLEARING ☐ ROAD OPENING ☐ SOIL REMOVAL / FILL

☐ RETAINING WALL ☐ POOL ☐ BULKHEAD / DOCK ☐ DWELLING

☐ TREE REMOVAL ☐ COMMERCIAL SITE MAINTENANCE

☒ DESCRIPTION Stone Driveway instead of ASPHALT Driveway

ENGINEERING REVIEW:

DATE RECEIVED 10-2023 DATE REJECTED DATE APPROVED 10/31/23 INITIALS

[redacted] 10/31 - emailed ready for pay & pick up - [redacted]

Township of Brick

ENGINEERING PLOT PLAN REVIEW CHECKLIST

REV-22-00442

BLOCK 590 LOT 6 DATE RECEIVED 12/20/22

PROPERTY ADDRESS 861 Glenwood PL, Brick, NJ

APPLICANT DRM Construction LLP PHONE (848) 448-6107

ADDRESS 3 Marbil Ave, Toms River, NJ 08757

CONTRACTOR DRM Construction LLP PHONE (848) 448-6107

ADDRESS

TYPE OF WORK New house ZONING APPROVAL

FLOOD ZONE PFIRM-Coastal AE-9 (FLOOD ELEVATION)

PANEL# MAP# DATE 1/01/2023 12:57PM

PLANNING BOARD/BOARD OF ADJUSTMENT APPROVAL YES UPNOTE CHECK

000001
ENGINEER0001
$200.00
$200.00

	The following is for office use only:	YES	NO	N/A
1	PLANS/DETAILS SIGNED & SEALED	✓		
2	SCALE OF NOT LESS THAN 1"=50'	✓		
3	EXISTING ELEVATIONS (NAVD IN FLOOD ZONE)	✓		
4	PROPERTY LINES, CORNERS, BEARINGS & DISTANCES	✓		
5	STREET GUTTER, CURB & CENTER LINE ELEVATIONS	✓		
6	CONTOURS 1' INCREMENTS	✓		
7	ADJACENT DWELLING CORNERS & CORNER ELEVATIONS	✓		
8	PROPOSED GRADING & ELEVATIONS	✓		
9	GARAGE FLOOR/CRAWL SPACE/BASEMENT ELEVATION	✓		
10	PROPOSED DWELLING, DIMENSIONS & CORNER ELEVATIONS	✓		
11	METHOD OF DRAINAGE	✓		
12	NORTH ARROW	✓		
13	DRIVEWAY WIDTH & TYPE	✓		
14	DIMENSIONS/ACREAGEOF PARCEL/SETBACK LINES	✓		
15	PROPERTY ADDRESS/BLOCK & LOT NUMBER	✓		
16	SIDEWALK/CURB & APRONS	✓		
17	PARKING AREAS	✓		
18	UTILITY & CONNECTIONS; WATER, SEWER, GAS, ELECTRIC	✓		
19	PLANTINGS, SEEDLINGS, SCREENINGS, FENCES & SIGNS	✓		
20	STREET WIDTH, STREET NAME, RIGHT-OF-WAY WIDTH	✓		
21	LIMITS OF CLEARING	✓		
22	BASEMENT/DEDICATIONS/ENVIROMENTAL CONSTAINTS	✓		
23	PRIOR APPROVALS: ARMY CORP/NJDEP/SOIL EROSION, ETC	✓		
24	EXISTING STRUCTURES	✓		
25	RETAINING WALL/SERVICE WALKS, OTHER MISC ITEMS	✓		

PLOT PLAN REVIEW:

APPROVED ~~✓~~ REJECTED ✓ -12/28-## SIGNED ## DATE 2/24/23

REVISION:

APPROVED ✓ REJECTED SIGNED ## DATE 10/31/23

COMMENTS: #12/28/22-Failed review-see email note-##

#2/24/23-Revised rcvsd-OK

ENGINEERING PERMIT APPLICATION

RECEIVING CLERK MEW

PERMIT # REV-22-00446

BLOCK 590 **LOT** 6 **ADDRESS** 861 Glenwood PL, Brick, NJ

IDENTIFICATION:

1. WORK SITE ADDRESS 861 Glenwood Place, Brick, NJ
2. APPLICANT DRM Construction LLP
3. NAME OF OWNER IN FEE DRM Construction LLP
   ADDRESS 3 Marbil Avenue, ~~Brick, NJ~~ Toms River, NJ 08757
   PHONE (848)448-6107 EMAIL DRMConstructionLP@Gmail.com
4. PRINCIPAL CONTRACTOR
   ADDRESS
   PHONE EMAIL
5. ARCHITECT OR ENGINEER Mishel D'Salvo
   ADDRESS 1471 Iroquois Court, Toms River, NJ
   PHONE (732) 914-0493 ~~814-7399~~ EMAIL MWDSAIA@Verizon.Net
6. RESPONSIBLE PERSON FOR WORK Rafael Manuel
   ADDRESS 3 Marbil Avenue, Toms River, NJ 08757
   PHONE ~~(732) 914-0493~~ ~~814-7399~~ (848)448-6107 EMAIL DRMConstructionLP@Gmail.com

FEE SUMMARY:

APPLICATION FEE	$ 200.00
REVIEW FEE	$
INSPECTION FEE	$
OTHER	$
BOND(S)	$
TOTAL	$ 200.00

SPECIAL CONDITIONS:

OCEAN COUNTY SOILS	
DRAINAGE EASEMENTS	
UTILITY EASEMENTS	
CONSERVATION EASEMENTS	
FEMA REQUIREMENTS	PFIRM-Coastal
D.E.P. PERMITS	AE-9 (Unnum)

PROJECT DESCRIPTION:

☐ GRADING/CLEARING ☐ ROAD OPENING ☐ SOIL REMOVAL / FILL

☐ RETAINING WALL ☐ POOL ☐ BULKHEAD / DOCK ☒ DWELLING

☐ TREE REMOVAL ☐ COMMERCIAL SITE MAINTENANCE

☐ DESCRIPTION New 2 story Elevated Residencial house

BOARD APPROVAL: ☐ PB ☐ ZB

APPLICATION NUMBER

APPROVED DATE

ENGINEERING REVIEW:

DATE RECEIVED 12-20-22 DATE REJECTED 12/28/22-MH DATE APPROVED 2/24/23 INITIALS MH

Russell Harris

From: Russell Harris
Sent: Wednesday, December 28, 2022 4:31 PM
To: 'drmconstructionlp@gmail.com'
Subject: 861 Glenwood Place - Failed Engineering Review
Attachments: v-zone-certificate.pdf

Hello. Please be advised the above property failed engineering review for the new dwelling for the following reasons:

1) Must provide 2 sealed copies of Coastal A (V-Zone) Design certs for property filled out for Preliminary FIRM Coastal AE-9 LiMWA Zone (fillable form copy attached)
2) Proposed grading can not direct runoff to adjacent lots – grading must be designed to pitch runoff out towards roadway (side yard swales required)
3) Plot plan note 6 must identify property in Coastal AE-9 LiMWA Zone

Please review and let me know if any questions. I'll need 2 sealed copies of both revised plot plans and Coastal A Design Certs per above resubmitted for review.

Russell Harris
Supervising Road Inspector
Engineering Department
Township of Brick
Phone: 732-262-1040
Fax: 732-262-2941

FOUNDATION LOCATION

DATE: 7/6/23

BLOCK: 590 LOT: 6

ADDRESS: 861 Glenwood Place

CONTACT PERSON: Manuel

PHONE #: (732) 644-4895

PASSED: OK 7-11-23 JA

FAILED: ✓

COMMENTS: Prior approval shows finish Floor @ 10.6

As-Built shows Top of Beam @ 12.5

JA 7.7.23

PLEASE GIVE TO INSPECTION D
SCHEDULE INSPECTION.

THANK YOU

Per Chris, okay at that height - Matt

Resubmit Bldg. 7/10/23 MFF

For office use only

Intake Clerk: _____

JCR Engineering, L.L.C.

Civil, Structural, Environmental and Consulting Engineers

Robert A. Woodcock, P.E., P.P.

915 Lacey Road
Forked River, New Jersey 08731
Tel: (609) 971-0745
Fax: (609) 971-0746
Email: rawoodcock@aol.com

June 21, 2023

Township of Brick
Construction Official
401 Chambersbridge Road
Brick, N.J. 08723

Re: Pile Certification
Block 590 Lot 6
861 Glenwood Place
Brick Township, New Jersey

JCR Engineering Job # 23400.194

The purpose of this letter is to certify that this office observed the driving of piles at the above referenced location on June 19, 2023 and that the size and type of piles installed conform to the approved plans. The piles were also driven to a capacity which exceeds the minimum required design load for each pile.

An as-built survey shall be performed by a licensed surveyor to ensure that the piles were driven in the correct location.

The piles were driven with a vibratory compactor. The make and model of the compactor was an Allied 2300. The weight of the vibratory compactor was 2,190 lbs and was operated at 24 HP.

The calculated ultimate bearing capacity was based on an average penetration rate recorded over a 5 second interval during the last foot of penetration. A spreadsheet of the recorded penetration rates for each pile is attached.

Therefore, in accordance with the energy formula utilized in the calculations, the piles developed a minimum bearing capacity of greater than 19.25tons. The design load ~~for each~~ of 12 inch diameter piles is 10 tons.

Should you have any questions or require additional information, please do not hesitate to contact me at (609) 971-0745.

Very truly yours,

Robert A. Woodcock, P.E.
NJ License No. GE 38940

FILE COPY

Approved for use
7-7-23 SW

JCR Engineering, LLC
915 Lacey Road
Forked River, N.J. 08731
Telephone: (609) 971-0745
Fax: (609) 971-0746

Hammer Type	Allied 2300 Series
Frequency, cycles/sec	35
Hammer Weight, lbs.	2190
Horsepower	24
Soil Loss Factor	0.008

Contractor: Amon Construction

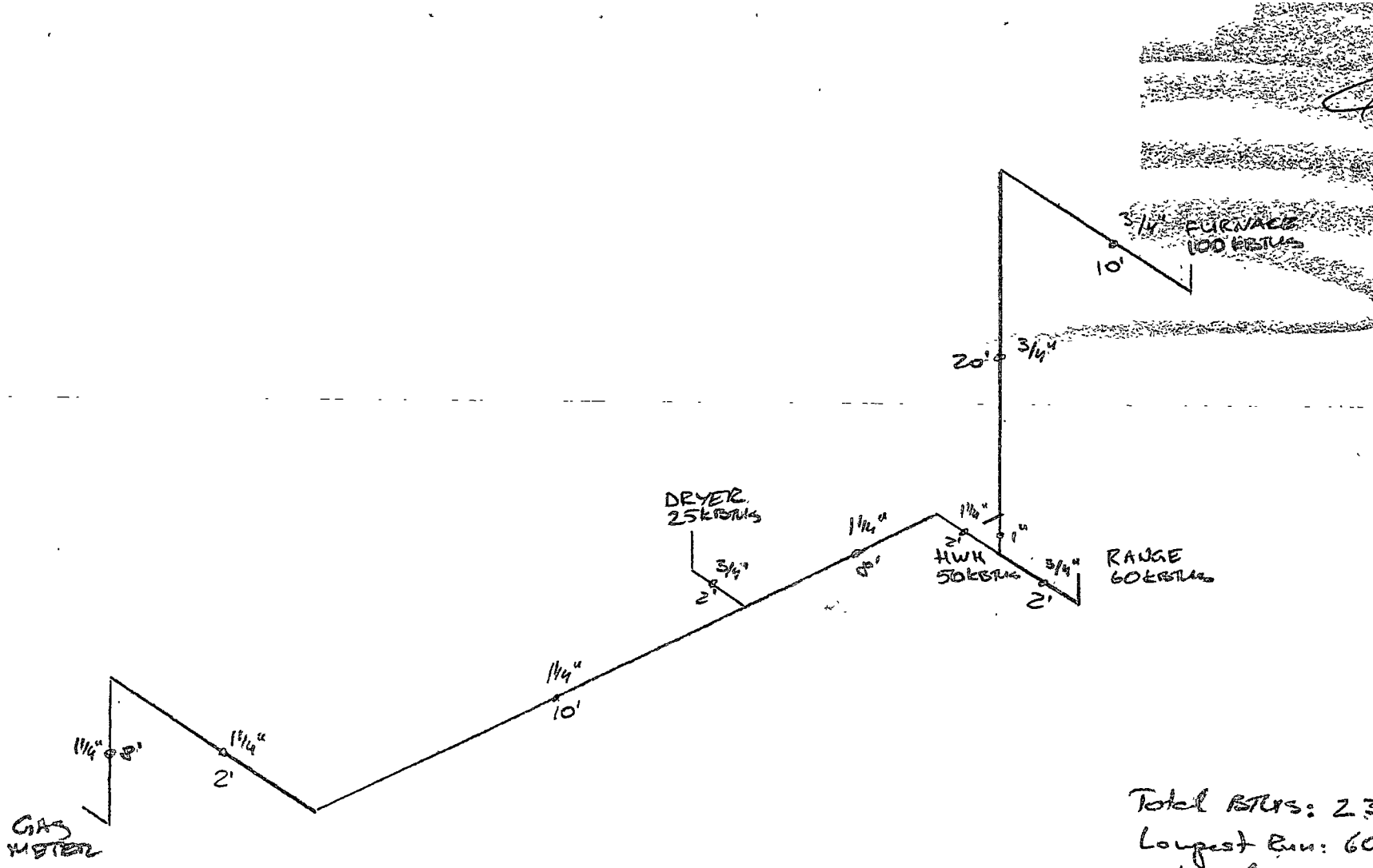
JCR Engineering Job #: 23400.194

Vibratory Pile Driving - Load Testing Certification

Block 590 Lot 6 - Brick Township

861 Glenwood Place

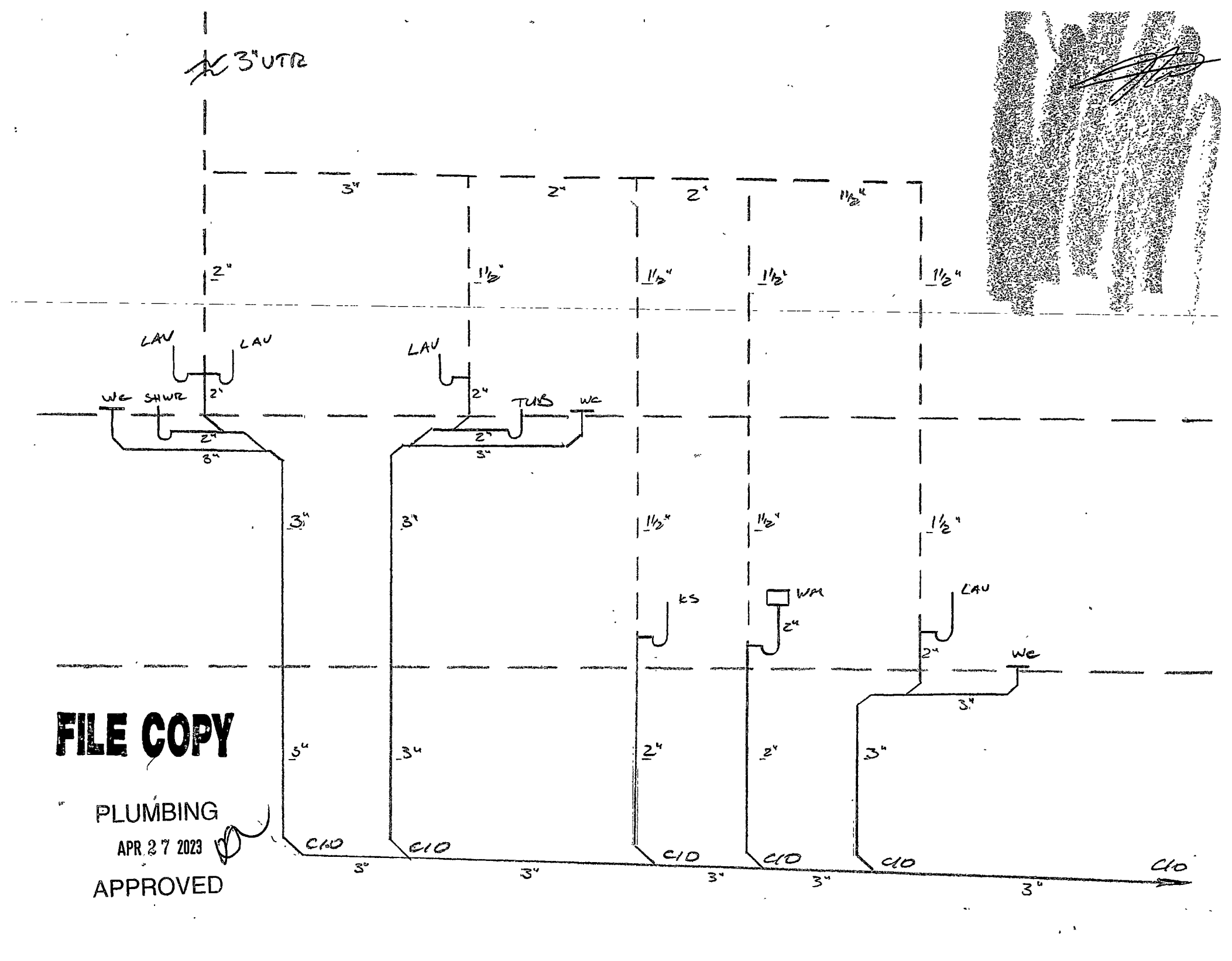
Pile No.	Butt Dia. (Inches)	Pile Length (Ft.)	Penetration (Ft.)	Time (Seconds)	Drop (Inches)	Rate (Ft. / Sec)	Pile Capacity Tons	Design Load Tons
1	12	25	15.0	5.0	4.0	0.0667	19.25	10
2	12	25	15.0	5.0	4.0	0.0667	19.25	10
3	12	25	15.0	5.0	4.0	0.0667	19.25	10
4	12	25	15.0	5.0	4.0	0.0667	19.25	10
5	12	25	15.0	5.0	4.0	0.0667	19.25	10
6	12	25	15.0	5.0	4.0	0.0667	19.25	10
7	12	25	15.0	5.0	4.0	0.0667	19.25	10
8	12	25	15.0	5.0	4.0	0.0667	19.25	10
9	12	25	15.0	5.0	4.0	0.0667	19.25	10
10	12	25	15.0	5.0	4.0	0.0667	19.25	10
11	12	25	15.0	5.0	4.0	0.0667	19.25	10
12	12	25	15.0	5.0	4.0	0.0667	19.25	10
13	12	25	15.0	5.0	4.0	0.0667	19.25	10
14	12	25	15.0	5.0	4.0	0.0667	19.25	10
15	12	25	15.0	5.0	4.0	0.0667	19.25	10
16	12	25	15.0	5.0	4.0	0.0667	19.25	10
17	12	25	15.0	5.0	4.0	0.0667	19.25	10
18	12	25	15.0	5.0	4.0	0.0667	19.25	10
19	12	25	15.0	5.0	4.0	0.0667	19.25	10
20	12	25	15.0	5.0	4.0	0.0667	19.25	10
21	12	25	15.0	5.0	4.0	0.0667	19.25	10
22	12	25	15.0	5.0	4.0	0.0667	19.25	10
23	12	25	15.0	5.0	4.0	0.0667	19.25	10



Total BTUs: 235kBTUs
Longest Run: 60 Feet
Material: Iron Pipe

FILE COPY

PLUMBING
APR 27 2023
APPROVED



FILE COPY

PLUMBING

APR 27 2023

APPROVED

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER **DRM Construction LLP** DATE **4/27/23**

PROPERTY ADDRESS **861 Glenwood Place** BLOCK **390** LOT **6**

ZONING _____ USE GROUP R5

CONTRACTOR **City Plumbing** LICENSE # REGISTRATION **12328**

WATER MAIN SIZE **3/4"** WATER PRESSURE _____ SEWER MAIN SIZE _____

PLUMING FIXTURES	NUMBER	(sfu)	WATER UNITS	(dfu)	DRANAGE
1. BATHROOM GROUP	2.5	( )	8	( )	
2. KITCHEN GROUP	1	( )	2	( )	
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	1	( )	4	( )	
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	**2**	( )	**3.5**	( )	
	TOTALS		17.5		

GALLONS PER MINUTE 12.5

SIZE of SERVICE ~~3/4"~~

DATE: 4/27/23 APPROVED BY: _____

* * * Communication Result Report (Apr. 27. 2023 6:18PM) * * *

1)
2)

Date/Time: Apr. 27. 2023 6:18PM

File No.	Mode	Destination	Pg(s)	Result	Page Not Sent
2553	Memory TX	BTMUA FAX	P. 1	OK	

Reason for error
E. 1) Hang up or line fail
E. 2) Busy
E. 3) No answer
E. 4) No facsimile connection
E. 5) Exceeded max. E-mail size
E. 6) Destination does not support IP-Fax

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER DRM Construction LLP DATE 4/27/23

PROPERTY ADDRESS 861 Glenwood Place BLOCK 390 LOT 6

ZONING _____ USE GROUP R5

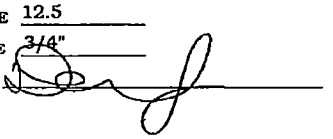
CONTRACTOR City Plumbing LICENSE # REGISTRATION 12328

WATER MAIN SIZE 3/4" WATER PRESSURE _____ SEWER MAIN SIZE _____

PLUMING FIXTURES	NUMBER	(sfu)	WATER UNITS	(dfu)	DRANAGE
1. BATHROOM GROUP	2.5	( )	8	( )	
2. KITCHEN GROUP	1	( )	2	( )	
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	1	( )	4	( )	
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	2	( )	3.5	( )	
		TOTALS	17.5		

GALLONS PER MINUTE 12.5

SIZE of SERVICE 3/4"

DATE: 4/27/23 APPROVED BY: 

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

Subcode Official Review

Date: Thursday, April 13, 2023

To: DRM CONSTRUCTION
3 MARBIL AVE.
TOMS RIVER, NJ 08753

RE: Building Subcode
Block: 590 Lot: 6 Qual:
861 GLENWOOD PL
Permit Number: Control Number: C-22-004435
Last Submit Date: Monday, February 27, 2023

Dear DRM CONSTRUCTION,

Your request is hereby denied based upon the following infractions.

The fastening of the break away wall (break away section) is not included in the "general nailing schedule" on the plans, provide detail.

Method of mechanical ventilation as required by NJIRC R 303.4 must be provided along with specifications (typically ERV by HVAC contractor).

Sincerely,

Timothy Skinner, Subcode Official

CC:

MAY 04 2023

Resubmit 5/16/23

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

Subcode Official Review

Date: Thursday, April 13, 2023

To: DRM CONSTRUCTION
3 MARBIL AVE.
TOMS RIVER, NJ 08753

RE: Building Subcode
Block: 590 Lot: 6 Qual:
861 GLENWOOD PL.
Permit Number: Control Number: C-22-004435
Last Submit Date: Monday, February 27, 2023

Dear DRM CONSTRUCTION,

Your request is hereby denied based upon the following infractions.

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Method of mechanical ventilation as required by NJIRC R 303.4 must be provided along with specifications (typically ERV by HVAC contractor).

Sincerely,

_____

Timothy Skinner, Subcode Official

CC:

RECEIVING CLERK _____
DATE REC'D _____

ZONING PERMIT APPLICATION

PERMIT # 23-00636
DATE ISSUED MAY 25 2023

BLOCK: 590 LOT: 6 QUALIFIER: _____ SITE ADDRESS: 861 Glenwood PL, Brick, NJ

IDENTIFICATION:

1. NAME OF OWNER IN FEE: DRM Construction LLP
COMPLETE ADDRESS: 3 Marbil Avenue, Toms River, NJ 08757
PHONE #(848)448-6107 EMAIL: DRMConstructionLP@Gmail.com

2. NAME OF APPLICANT: Same
APPLICANT ADDRESS: _____
PHONE # _____ EMAIL: _____

3. RESPONSIBLE PERSON FOR WORK: Rafael / Manuel
PHONE# (848)448-6107 FAX# _____
(732) 644-4895

4. SIGNATURE OF APPLICANT: DRM Construction LLP by Member Rafael Pimentel

FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: $ 75-
OTHER: $ _____
TOTAL: $ 75-

REQUIRED BY APPLICANT

RESIDENTIAL: SFD ✓
COMMERCIAL: _____
EXISTING USE: SFD
PROPOSED USE: SFD

BOARD APPROVAL: ___ PB ✓ ZB
RESOLUTION#: R-20-2021
APPROVAL DATE: 4/21/21

PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)
*NEW BUILDING: X *ADDITION _____ *ALTERATION _____ *PORCH _____ *DECK _____

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

HEIGHT: _____ (*IF APPLICABLE)

OTHER _____

DESCRIPTION: New 2 story Elevated Residencial house

ZONING REVIEW:
DATE REVIEWED: 12-9-22 DATE DENIED: _____ DATE APPROVED: 12-9-22 INTLS: CE

(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

01/2010

Community Development and Land Use

401 Chambers Bridge Rd.

Brick NJ 08723

(732) 262-1041

Receipt

Payment Date 5/25/2023

Transaction # PMT-23-04445

Receipt #

Issued To DRM Construction

Description Pre AH Pymt
861 Glenwood Pl
BL 590 L 6

Date Printed 5/25/2023

Check Number 1733

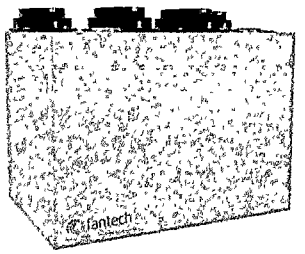
Cash	$0.00
Check	$1,142.00
Charge	$0.00
Total Paid	$1,142.00

VER 100

Energy Recovery Ventilator

Product #: 463235

861 GLENWOOD



Fantech's, VER 100 is an Energy Recovery Ventilator designed for higher static pressure applications. The unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. The energy recovery core at the center of the unit transfers heat and moisture from incoming air to the outgoing air that was cooled and dried by the building's air conditioner.

Features

- 5" (125mm) oval duct connections with integrated airflow measurement
- Compact design, only 21.5" (546 mm) wide
- Includes EZ-Mount wall bracket
- Fans with backward curved blade
- ERV transfers both heat and humidity
- Anti-microbial material
- Withstands freezing
- AHRI certified
- Electrostatic filters (washable)
- Removable screw terminal for easy connection
- Easy Core Guide Channels For Removing Core
- Only weighs 32 lbs (14.5Kg)

Optional Controls

- ECO-Touch™ (#44929) – Programmable Touch Screen Wall Control
- EDF7 (#44883) – Electronic multi-function dehumidistat
- EDF1 (#40375) – Multi-function control
- RTS5 (#44794) – 20/40/60 minute over-ride
- RTS2 (#40164) – 20 minute over-ride
- MDEH1 (#40172) – Dehumidistat

Specifications

- Duct size – 5" (125 mm) oval
- Voltage/Phase – 120/1
- Power rated – 168 W
- Amp – 1.4 A
- Average airflow @ 0.4" P_S (100Pa) – 124 cfm (59 L/s)

Fans

Two (2) factory-balanced fans with backward curved blades. Motors come with permanently lubricated, sealed ball-bearings to guarantee long life and maintenance-free operation.

Energy Recovery Core

AHRI certified core made from water vapor transport durable polymer membrane that is highly permeable to humidity. The ERV core is freeze tolerant and water washable. Core dimensions are 8.4 x 8.4" (213 x 213 mm) with a 15" (381 mm) depth.

Defrost

A preset frost prevention sequence is activated at an outdoor air temperature of 14°F (-10°C) and lower. During the frost prevention sequence, the supply blower shuts down and the exhaust blower switches into high speed to maximize the effectiveness of the frost prevention strategy. The unit then returns to normal operation and continues cycle.

Serviceability

Core, filters, fans, drain pan and electrical panel can be accessed easily from the access panel. Core conveniently slides out with only 14" (432 mm) clearance.

Case

24 gauge galvanized pre-painted steel corrosion resistant

Insulation

Cabinet is fully insulated with 1" (25 mm) foil-face high density expanded polystyrene.

Filters

Two (2) washable electrostatic panel type air filters 8.5" (216mm) x 12.5" (318 mm) x 0.125" (3mm).

Controls

External three (3) position (Low/Stand By/Medium) rocker switch that will offer continuous ventilation. Fantech offers a variety of external controls. (see controls)

Installation

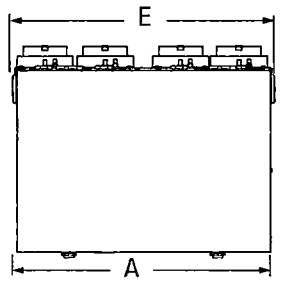
Unit is typically installed using supplied wall bracket.

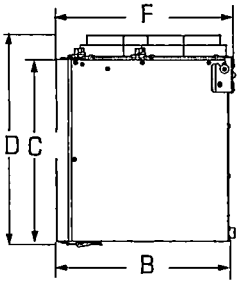
Warranty

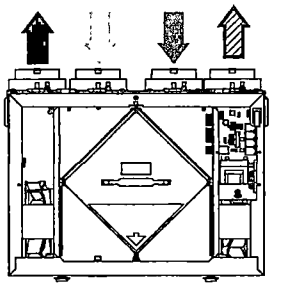
5 years on energy recovery core, 7 year on motors, and 5 year on parts.

fantech®
a systemair company

Dimensions & Airflow







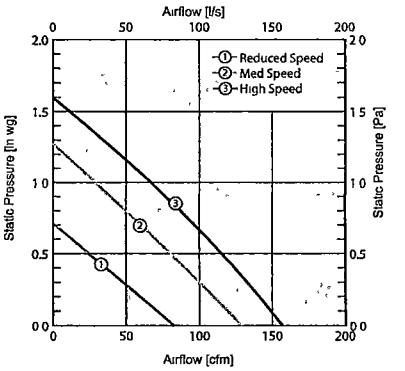
fresh air to inside
fresh air from outside
stale air from inside
stale air to outside

Model	A		B		C		D		E		F	
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
VER 100	21 1/2	546	14 1/2	368	15 5/8	397	17 7/8	454	22 1/2	572	15	381

Dimensional information is in inches Clearance of 14" (356mm) in front of the unit is recommended for removal of core All units feature three foot plug-in power cord with 3-prong plug

Ventilation Performance

in.wg. (Pa)	0.2 (50)	0.4 (100)	0.6 (150)	0.8 (200)	1.0 (250)
	cfm (L/s)	cfm (L/s)	cfm (L/s)	cfm (L/s)	cfm (L/s)
Net supply airflow	138 (65)	122 (58)	104 (49)	85 (40)	66 (31)
Gross supply airflow	141 (67)	124 (59)	106 (50)	87 (41)	67 (32)
Gross exhaust airflow	141 (67)	124 (59)	106 (50)	87 (41)	67 (32)



Energy performance

	Speed	Supply temperature		Net airflow		Consumed Power	Net effectiveness		
							Sensible	Latent	Total
		°F	°C	cfm	L/s	W	%	%	%
Heating	Low	35	1.7	50	24	50	63	47	58
	Medium	35	1.7	75	35	92	61	44	55
	High	35	1.7	100	47	130	59	41	53
Cooling	Low	95	35	50	24	50	63	43	51
	Medium	95	35	75	35	95	60	40	48
	High	95	35	100	47	130	59	37	45

Requirements and standards

- Complies with the UL 1812 requirements regulating the construction and installation of Heat Recovery Ventilators
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with the CSA F326 requirements regulating the installation of Heat Recovery Ventilators
- Technical data was obtained from published results of test relating to CSA C439 Standards
- Energy Recovery Core is ISO 846 certified for mold and bacteria resistance and AHRI certified (certificate #8931522)
- Technical data was obtained from published results of test relating to AHRI 1060 Standards

Contacts

Submitted by: Date:
Quantity: Model: Project #:
Comments:
Location:
Architect
Engineer: Contractor:

Distributed by:

United States 10048 Industrial Blvd. • Lenexa, KS 66215 • 1.800.747.1762 • www.fantech.net
Canada 50 Kanalflakt Way • Bouctouche, NB E4S 3M5 • 1.800.565.3548 • www.fantech.net

Fantech, reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications to maintain their technological leadership position.

fantech®
a systemair company

Bulk Variance Relief
DRM Construction, LLP
861 Glenwood Place
Block 590, Lot 6
Zone: Village Zone
Application No.: BA-3226-C-11/20
Resolution No.: R-20-2021

RESOLUTION OF APPROVAL
BRICK TOWNSHIP ZONING BOARD OF ADJUSTMENT
APPLICATION NO.: BA-3226-C-11/20
APRIL 21, 2021

WHEREAS, DRM Construction, LLP, (the "Applicant") has applied to the Brick Township Zoning Board of Adjustment (the "Board") for bulk variance relief pursuant to N.J.S.A. 40:55D-70c, for lands known and designated as Block 590, Lot 6 on the official Tax Map of the Township of Brick and more specifically known as 861 Glenwood Place, Brick, NJ 08724 (the "Property"); and

WHEREAS, a complete application has been filed, the fees as required by Township Ordinance have been paid, proof of service and publication of notice as required by law has been furnished and determined to be in proper order, and it otherwise appears that the jurisdiction and powers of the Board have been properly invoked and exercised; and

WHEREAS, a public hearing was held on April 7, 2021 via the Zoom meeting platform, at which time testimony and exhibits were presented on behalf of the Applicant and all interested parties having an opportunity to be heard.

NOW, THEREFORE, the Board makes the following findings of fact based on evidence presented at its public hearing at which a record was made:

1. The Applicant is seeking bulk variance relief to construct an elevated two-story, four-bedroom single family residential dwelling with a grade level garage including a storage area beneath the structure. A 120 square foot covered front porch is also proposed. The proposed home, including the front covered porch, will have a footprint area of approximately 1,075 square feet. An 18-foot-

File
Appl.
Jackson
Wilder
CME
Wenca
4/22/21

wide by 20-foot-long asphalt driveway is further proposed to provide access to the grade level garage as well as the storage area below the dwelling. Grading modifications are also proposed.

2. The Property contains 3,601 square feet and is an undersized vacant lot which is located on the southerly side of the intersection of Glenwood Road. The Property has 40.04 feet of frontage along Glenwood Place. The Property is situated within the Village Zone, as are adjacent properties, to the south, east and west and across Glenwood Road to the north. All adjacent properties contain residential uses. Based upon the FEMA Preliminary Flood Insurance Rate Map, the Property is located within an AE-9 flood hazard area and also the LiMWA (Limit of Moderate Wave Action) Zone. The Property is also located within a CAFRA Zone.

3. The Applicant is seeking bulk variance relief as set forth in the table below:

	Required	Existing	Proposed
Minimum Lot Area	7,500 s.f.	3,601 s.f. (1)	3,601 s.f. (1)
Minimum Lot Width	50 feet	40.04 feet (1)	40.04 feet (1)
Minimum Side Yard Setback	10 feet	N/A	5.9 feet
Minimum Parking Space Width	10 feet	N/A	9.0 feet

(1) Existing condition.

4. Counsel for the Applicant, John J. Jackson, III, Esq. stated that the Applicant was seeking to construct a new single family residential structure on a vacant lot. He further explained that the Applicant required variance relief for a combination of existing and proposed conditions.

5. The Applicant's Engineer and Planner, Matthew Wilder, P.E., P.P., testified that the Property is currently vacant and is an undersized lot located in the Village Zone. He stated that the Applicant attempted to purchase adjacent properties in order to increase the area of the Property, but that there were not any property owners interested in either selling a portion of their property or purchasing the Property.

6. Mr. Wilder further testified that the Applicant was seeking bulk variance relief to permit a minimum side yard setback of 5.9 feet where 10 feet is required. He also stated that the Applicant was seeking bulk variance relief to permit the existing 3,601 s.f. lot area to remain where 7,500 s.f. is required and to permit the existing 40.04 foot lot width where 50 feet is required. He stated that the Applicant would comply with the Residential Site Improvement Standards (RSIS) regarding parking (3 parking spaces proposed) and that new utility laterals would be installed. Mr. Wilder further testified that the Applicant would comply with all Township grading and drainage requirements. He then explained that the Applicant would comply with all coastal AE-9 flood zone and LiMWA zone requirements. Mr. Wilder also stated that the proposed design of the home would fit the character of the neighborhood.

7. Mr. Wilder next testified that the Applicant would comply with all CAFRA permit requirements. He further stated that the Applicant would be eligible for CAFRA Permit-By-Rule #7. He added that fencing was not being proposed. Mr. Wilder confirmed that the Applicant would comply with all Township grading and drainage requirements for the Property. He specifically testified that all roof leaders would drain to splashblocks at grade that would direct runoff to the street and away from adjacent properties. He further testified that a 6-9 inch berm would be constructed on the east side of the Property to improve drainage.

8. Mr. Jackson confirmed that the Applicant sent Dallmeyer letters to adjacent property owners in March, 2021 and did not receive any responses.

9. Mr. Wilder then testified that the proposed home would advance the purpose of the Municipal Land Use Law enumerated at N.J.S.A. 40:55D-2(e) because it would promote the establishment of appropriate population densities and concentrations that would contribute to the well-being of the neighborhood. He further testified that the proposed home advanced the purpose of the

Municipal Land Use Law pursuant to N.J.S.A. 40:55D-2(g) because the home would provide sufficient space in a residential zone for a permitted single-family home use. He added that the proposed home advanced the purpose of the Municipal Land Use Law enumerated at N.J.S.A. 40:55D-2(i) because it would utilize a visually attractive design. Mr. Wilder then stated that there would be no detriment to the public good because the proposed size of the home complies with the ordinance and is similar to the size of other homes in the neighborhood.

10. Mr. Wilder also testified that the benefits of the application outweighed any detriments because the Property would have compliant off-street parking, the home would eliminate a vacant lot and that there would be no detriment to the zone plan.

11. The hearing was then opened to the public at which time Joe Paino, 854 Mantoloking Road, stated his property has flooding issues and that the proposed development would increase flooding for the area. Mr. Wilder stated that the Applicant would construct a berm on the east side of the Property that would direct drainage to a swale to ensure runoff would drain away from adjacent properties. Mr. Paino then described the proposed home as a "mansion" that did not fit with the neighborhood. Mr. Jackson stated the Applicant proposed to construct a two-story 1,700 s.f. home on the Property.

12. Mohammad Shikh, 863 Glenwood Place, was concerned about water run-off from the Property. Mr. Wilder explained that all runoff from the proposed home would drain away from adjacent properties.

13. There were no other members of the public expressing an interest in the application.

NOW, THEREFORE, the Board makes the following conclusions of law based upon the foregoing findings of fact:

1. The Applicant seeks to construct a permitted use but requires bulk variance relief. The Municipal Land Use Law, at N.J.S.A. 40:55D-70c provides Boards with the power to grant variances from strict bulk and other non-use related issues when the Applicant satisfies certain specific proofs which are enunciated in the Statute. Specifically, the Applicant may be entitled to relief if the specific parcel is limited by exceptional narrowness, shallowness or shape. The Applicant may show that exceptional topographic conditions or physical features exist which uniquely affect a specific piece of property. Further, the Applicant may also supply evidence that exceptional or extraordinary circumstances exists which uniquely affect a specific piece of property or any structure lawfully existing thereon and the strict application of any regulation contained in the Zoning Ordinance would result in a peculiar and exceptional practical difficulty or exceptional and undue hardship upon the developer of that property. Additionally, under the c(2) criteria, the Applicant has the option of showing that in a particular instance relating to a specific piece of property, the purpose of the act would be advanced by allowing a deviation from the Zoning Ordinance requirements and the benefits of any deviation will substantially outweigh any detriment. In those instances, a variance may be granted to allow departure from regulations adopted, pursuant to the Zoning Ordinance.

2. Those categories specifically enumerated above constitute the affirmative proofs necessary in order to obtain "bulk" or (c) variance relief. Finally, Applicant must also show that the proposed variance relief sought will not have a substantial detriment to the public good and, further, will not substantially impair the intent and purpose of the zone plan and Zoning Ordinance. It is only in those instances when the Applicant has satisfied both these tests, that a Board, acting pursuant to the Statute and case law, can grant relief. The burden of proof is upon the Applicant to establish these criteria.

3. The Board finds that the Applicant has satisfied the positive criteria. The undersized lot uniquely affects the Applicant's property so that the strict application of the ordinance requirements regarding the bulk variances would result in exceptional practicable difficulties and impose undue hardship in developing the Property for its permitted use. This is particularly true because neighboring property owners were not interested in either selling or purchasing land. The Applicant would specifically have difficulty complying with FEMA and CAFRA regulations concerning the drainage and buffering on the Property. The Board therefore concludes that the Applicant has satisfied the c(1) affirmative criteria sufficiently to permit the granting of the bulk variances requested.

4. The Board also concludes that the application promotes the goals of planning in the Municipal Land Use Law as set forth in N.J.S.A. 40:55D-2e, because the residential dwelling will contribute to the well-being of the neighboring community. This is because it will be constructed on an underutilized, visually unaesthetic vacant lot. The Board also concludes that the design of the residential dwelling will advance the purposes of the Municipal Land Use Law set forth in N.J.S.A. 40:55D-2i because the proposed dwelling will create a more desirable visual environment. The Applicant has therefore satisfied the c(2) positive criteria.

5. Turning next to the negative criteria, the Board concludes the Applicant's proposal to construct a new residential dwelling which is highly resistant to flooding and other man-made and natural disasters, helps to mitigate any negative effect of the deviations from the bulk variance requirements in the Village Zone. The proposed home also improves the aesthetics and promotes the visual environment of the entire area.

6. The neighbors expressed concern that the proposed home would increase flooding in the neighborhood. The Board finds the uncontroverted testimony of the Applicant's Engineer persuasive. The Applicant will install a 6-9 inch berm to direct drainage away from adjacent properties

and the Applicant will also comply with all Township grading and drainage requirements. One of the neighbors also stated that the proposed home would be too large for the neighborhood. That neighbor, however, failed to provide the sizes of any homes in the area to support his argument. Further, the Board accepts the testimony and statements of the Applicant's professionals that the proposed two-story (height compliant) home would contain approximately 1,700 s.f., which is not oversized for the lot and is also similar to the size of other homes in the neighborhood. The Board finds that there is no substantial detriment to the public good, zone plan and zoning ordinance. The Board concludes, therefore, that the Applicant has satisfied the negative criteria.

7. The Board concludes that the positive criteria substantially outweighs the negative criteria and that variance relief may be granted pursuant to N.J.S.A. 40:55D-70c (1) and (2).

NOW, THEREFORE, BE IT RESOLVED, by the Brick Township Zoning Board of Adjustment on this 21st day of April, 2021, that the action of the Board taken on April 7, 2021 granting Application No. BA-3226-C-11/20 of DRM Construction, LLP for bulk variance relief is hereby memorialized, subject to the following conditions:

1. Applicant shall comply with standard Zoning Board of Adjustment conditions as set forth in attached Schedule "A".

2. The development of this site shall take place in strict conformance with the testimony, plans and drawings which have been submitted to the Board with this application, as revised by the terms hereof.

3. Except where specifically modified by the terms of this Resolution, the Applicant shall comply with the recommendations contained in the reports of the Board's professionals.

4. The Applicant shall comply with all Township drainage and grading requirements.

5. The Applicant shall install a 6-9 inch high berm on the east side of the Property.

6. The Applicant shall obtain approval for soil erosion control from the Ocean County Soil Conservation District, if required.

7. The Applicant shall file a plot plan.

8. All roof leaders shall drain to splashblocks at grade.

BA-3226-C 11/2020
DRM CONSTRUCTION , LLC

April 21, 2021

VOTE ON MEMORIALIZATION

MOVED BY: Mr. Jamnik

SECONDED BY: Ms. Strassheim

VOTING IN THE AFFIRMATIVE: Ms. Strassheim, Mr. Jamnik, Mr. Sorrentino, Mr. Chadwick

VOTING IN THE NEGATIVE:

INELIGIBLE: , Mr. Caffery, Mr. Formica

IN-CONFLICT:

ABSTAINING:

ABSENT: Ms. White, Ms. Della Volle

PRESENT BUT NOT VOTING:

CERTIFICATION

I, PAMELA O'NEILL, Clerk/Secretary to the Board of Adjustment of the Township of Brick, County of Ocean, State of New Jersey, do hereby certify that I am duly authorized to certify Resolutions. I certify that the foregoing Resolution was adopted by the Board of Adjustment of the Township of Brick at a regular meeting held on the 21st of April

PAMELA O'NEILL, Clerk/Secretary
Planning Board/Zoning Board

BRICK TOWNSHIP ZONING BOARD OF ADJUSTMENT
SCHEDULE "A"

1. Applicant shall provide the Board with documentation that all real property taxes have been paid through the calendar quarter of the date of the resolution of approval.

2. Applicant shall obtain signed documentation from the Code Enforcement Officer, Construction Official and Township Engineer certifying compliance with all terms and conditions of this resolution.

3. Applicant shall apply for and obtain all necessary permits and approvals from the Township Building Department prior to commencing and construction or renovation work.

4. No construction permit shall be issued by the Township until all application, escrow and Professional fees (required fees) have been paid to the Board, and confirmation has been obtained from the Board Secretary that the required fees have been paid. In the event a construction permit is issued when any fees remain due to the Board, the permit shall be automatically suspended, and all work shall cease and terminate until the required fees have been paid.

5. Applicant shall post, file or pay all required performance bonds, maintenance guaranties, engineering fees and inspection fees.

6. Applicant shall apply for and obtain approvals from all other municipal, county, state and federal agencies having regulatory jurisdiction over this application,

7. If applicant has asserted that the improvements referred to in this resolution are the subject of a Permit by Rule or waiver of the Department of Environmental Protection of the State of New Jersey (NJDEP), then applicant shall provide the Board with documentation demonstrating compliance with NJDEP rules and regulations.

8. In the event there is an existing violation of any municipal rule, regulation or ordinance, applicant shall have 30 days from the date of the resolution of approval to correct the violation. Failure to correct the violation within this time period shall constitute reasonable cause for the issuance of a summons and complaint to the applicant or other responsible parties.

9. All testimony, stipulations of the applicant, stipulations of the applicant's representatives, exhibits marked into evidence and deliberations of the Board are incorporated in this resolution by reference, and to the extent that the foregoing impose additional or more detailed conditions of approval than those contained elsewhere in this resolution, such conditions of approval are adopted as if set forth at length herein and are incorporated in this resolution by reference.

10. This development approval shall be null and void unless applicants obtain a construction permit from the municipality and commence work under the permit within two years from the date of this resolution.

11. Applicant shall comply with all ordinances, rules, regulations, statutes and other provisions concerning the provision of Affordable Housing Units in the Municipality and/ or the payment of fees imposed by the Township or the state of New Jersey.

12. Applicant shall provide proof of application for Title NJSA 39:5 A-1 to the Zoning Board of Adjustment.

CONSTRUCTION PERMIT

Date Issued 5/25/23
Control # C-22-004435
Permit # 20 1411

IDENTIFICATION Block: 590 Lot: 6 Qualifier
Work Site Location: 861 GLENWOOD PL. Brick Township, NJ

Owner in Fee: DRM CONSTRUCTION LLP
3 MARBIL AVENUE TOMS RIVER NJ 08753
Telephone: (848) 448-6107

Contractor: DRM CONSTRUCTION
Address: 3 MARBIL AVE. TOMS RIVER NJ 08753
Telephone: (732) 644-4895
Lic No. or Bldrs. Reg. No. 049743
Federal Employee. No. 822716179

Is hereby granted permission to perform the following work:

- [x] BUILDING
- [x] PLUMBING
- [ ] LEAD HAZARD ABATEMENT
- [x] ELECTRICAL
- [x] FIRE PROTECTION
- [ ] DEMOLITION
- [ ] ELEVATOR DEVICES
- [ ] ASBESTOS ABATEMENT (Subchapter 8 only)
- [ ] OTHER

DESCRIPTION OF WORK:
SINGLE FAMILY DWELLING

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 $218,350

D. Hartman Jahn
Construction Official

5/25/23
Date

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

PAYMENTS (Office Use Only)

Building	$1,489
Electrical	$555
Plumbing	$793
Fire Protection	$85
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$105
CO Fee	$324.00
Other	$200
Total	$3,551
Check No.	1155
Cash	$0
Credit	$0
Collected By	

+195
3551

1 WHITE - INSPECTOR 2 CANARY - OFFICE **3 PINK - TAX ASSESSOR** 4 GOLD - APPLICANT

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.

- [x] 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:

- [x] 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".

- [x] 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 5/25/23
Control # C-22-004435+B
Permit # +B
23-1472

IDENTIFICATION Block: 590 Lot: 6 Qualifier
Work Site Location: 861 GLENWOOD PL. Brick Township, NJ
Owner in Fee DRM CONSTRUCTION LLP
3 MARBIL AVENUE TOMS RIVER NJ 08753
Telephone: (848) 448-6107

Contractor DRM CONSTRUCTION
Address 3 MARBIL AVE. TOMS RIVER NJ 08753
Telephone: (732) 644-4895
Lic. No. or Bldrs. Reg. No. 049743
Federal Employee. No. 822716179

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:
SINGLE FAMILY DWELLING ...UPDATE +B -GAS FIRED APPLIANCES

PAYMENTS (Office Use Only)

Building	$0
Electrical	$0
Plumbing	$0
Fire Protection	$150
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$0
CO Fee	
Other	$0
Total	$150
Check No.	1735
Cash	$0
Credit	$0
Collected By	

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 $1,000

Construction Official

5/25/23
Date

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

1 WHITE - INSPECTOR 2 CANARY - OFFICE **3 PINK - TAX ASSESSOR** 4 GOLD - APPLICANT

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 5/25/23
Control # C-22-004435+A
Permit # +A
23-1472

IDENTIFICATION Block: 590 Lot: 6 Qualifier

Work Site Location: 861 GLENWOOD PL. Brick Township, NJ

Contractor DRM CONSTRUCTION
Address 3 MARBIL AVE. TOMS RIVER NJ 08753

Owner in Fee DRM CONSTRUCTION LLP
3 MARBIL AVENUE TOMS RIVER NJ 08753

Telephone: (732) 644-4895
Lic. No. or Bldrs. Reg. No. 049743
Telephone: (848) 448-6107
Federal Employee. No. 822716179

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:

SINGLE FAMILY DWELLING ...UPDATE +A - HVAC

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 $5,750

D. Hallman 5/25/23
Construction Official Date

PAYMENTS (Office Use Only)	
Building	$0
Electrical	$0
Plumbing	$150
Fire Protection	$85
Elevator Devices	$0
Other	$0.00
DCA Training Fee	$0
CO Fee	
Other	$0
Total	$235
Check No.	1725
Cash	$0
Credit	$0
Collected By	

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

1 WHITE - INSPECTOR 2 CANARY - OFFICE **3 PINK - TAX ASSESSOR** 4 GOLD - APPLICANT

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.

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

PX ELECTRICIAN (SMOKES)

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 3410 Lot 6 Qualification Code

Work Site Location [illegible]

Owner in Fee: DRM Construction LLC

Tel. (848) 444-1012 e-mail DRMConstructionLLC@gmail.com

Address 3 Manini Ave Manalapan NJ 07726

Contractor: SS Electric street municipality Tel. 732 970 6427 zip code

Address 63 Locanbury Lane e-mail ScottShawElectric@verizon.net

TR NJ 08731

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

Federal Emp. ID No. FAX:

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed

Constr. Class: Present Proposed

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-$ 2600.00

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: Scott Shaw

[ ] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Water Supply Source

Method of Alarm/Suppression System Supervision

	NUMBER	FEE (Office Use Only)
		$
Flammable/Combustible Tanks		
Alarm Systems		
[ ] System		
[Y] 110v Interconnected		
[2] 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	6	
TOTAL		
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: Approved by:

Joint Plan Review Required:

[ ] Bldg. [ ] Elec. [ ] Plumb. [ ] Elev.

SUBCODE APPROVAL for PERMIT

Date: 7/12/12

Approved by: SD DE-6

SUBCODE APPROVAL for CERTIFICATE

[ ] CO [ ] CCO [ ] CA

Date:

Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final				
Other				

U.C.C F140 (rev. 02/11) 1 White = Inspector Copy 2 Canary = Office Copy 3 Pink = Office Copy 4 Gold = Applicant Copy

PLUMBING SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

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 [illegible] Lot [illegible] Qualification Code

Work Site Location [illegible] GLENWOOD [illegible]

Owner in Fee. [illegible]

Tel. [illegible] e-mail [illegible]

Address [illegible] (street) [illegible] (municipality) [illegible] (zip code)

Contractor: [illegible] Group Plumbing Tel. 732 773 5441

Address 655 [illegible] Blvd e-mail [illegible]

Toms River NJ 08757 @[illegible]

Contractor License No. [illegible] Exp. Date [illegible]

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. [illegible] FAX:

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed

Building Sewer Size 5" Public Sewer V Private Septic

Water Service Size 1" Public Water V Private Well

Est. Cost of Plumbing Work $ 14,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial -Underslab Utilities Approved

Date:________ Approved by:________

[X] Plumbing Plans Approved

Date: [illegible] Approved by: [illegible]

Joint Plan Review Required:

[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT

Date: [illegible]

Approved by: [illegible]

SUBCODE APPROVAL for CERTIFICATE

[ ] CO [ ] CCO [ ] CA

Date:

Approved by:

INSPECTIONS Type:	Failure	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping				
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
Final				

(Dates (Month/Day) heads the Failure, Failure, Approval and Initial columns.)

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: Richard [illegible]

[ ] Licensed Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

New House Plumbing

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

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

UCC F130 (rev. 10/17)

Reorder at
ucc allegramarmora com • 609-390-1400
Allegra Marketing, Print & Mail - Marmora, NJ

Date Received
Control #
Date Issued
Permit # 23-1472

BUILDING SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

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

Block 590 Lot 6 Qualification Code ______

Work Site Location 851 Glenwood Pl. [illegible] 08753

Owner in Fee: DRM Construction LLP

Tel. (848) [illegible] e-mail [illegible]@gmail.com

Address [illegible] (street) [illegible] (municipality) 08753 (zip code)

Contractor: DRM Construction LLP Tel. (848) [illegible]

Address ______ e-mail ______

Contractor License No. or Builder Registration No. 0 [illegible] Exp. Date ______

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

Federal Emp. ID No. 83-[illegible] FAX: ( ) ______

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: DRM Construction [illegible]

Print name here: Rafael Pimentel

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

New Construction of Single Family House.

JOB SUMMARY (Office Use Only)

PLAN REVIEW — Date — Initial

[ ] No Plans Required
[ ] All
[ ] Footings/Foundations
[ ] Structural/Framework
[ ] Exterior
[ ] Interior

Joint Plan Review Required:
[ ] Elec. [ ] Plumb. [ ] Fire [ ] Elevator

SUBCODE APPROVAL for PERMIT
Date:
Approved by:

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type	Failure	Failure	Approval	Initial
Footing				
Footing Bonding				
Foundation				
Slab				
Frame				
Truss Sys./Bracing				
Barrier-Free				
Insulation				
Finishes - Base Layer				
Finishes - Final				
Energy				
Mechanical				
TCO				
Other				
Final				
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)
$

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

B. BUILDING CHARACTERISTICS

Use Group Present ______ Proposed R5

No. of Stories 3

Height of Structure 35'6" [illegible] ft.

Area — Largest Floor 1,010 sq. ft.

New Bldg. Area/All Floors 1,924 sq. ft.

Volume of New Structure 26,[illegible] cu. ft.

Max. Live Load [illegible]

Max. Occupancy Load 7 Persons

Constr. Class Present ______ Proposed ______

If Industrialized Building:
State Approved ______ HUD ______

Est. Cost of Bldg. Work:
1. New Bldg. $ 1[illegible]450.
2. Rehabilitation $ 3000.
3. Total (1+2) $ 19[illegible],450.00

UCC F110
(rev 11/09)

1 White = Inspector Copy 2 Canary = Office Copy
3 Pink = Office Copy 4 Gold = Applicant Copy

DR # [redacted] SD 23-1472

ELECTRICAL SUBCODE
TECHNICAL SECTION

Date Received
Control #
Date Issued MAY 15 2023
Permit # 23-1472

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood Place, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 446-6107 e-mail DRMConstructionLP@Gmail.com

Address 3 Marbil Avenue, Toms River, NJ 08757
street municipality zip code

Contractor: SS Electric Tel. 732 904-6427

Address 63 Loganberry Lane e-mail
Toms River, NJ 08753

Contractor License No. 11413 Exp. Date 3/31/24

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 146-72-5038 FAX:

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed

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

Building Occupied as Utility Co.

Est. Cost of Elec. Work $ 4800.00

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: Scott A. Shaw

[✓] Licensed Elec. Contractor [ ] Certif'd Landscape Irrigation Cont'r [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: New Home

QTY.	SIZE	ITEMS	FEE (Office Use Only)
57		Lighting Fixtures	
62		Receptacles	
34		Switches	
6		Detectors	
		Light Poles	
		Motors—Fract. HP	
		Emergency & Exit Lights	
		Communications Points	
		Alarm Devices/F.A.C. Panel	
0		TOTAL NUMBERS	$
		Pool Permit/with UW Lights	
		Storable Pool/Spa/Hot Tub	
		KW Elec. Range/Receptacle	
		KW Oven/Surface Unit	
		KW Elec. Water Heater	
1	6	KW Elec. Dryer/Receptacle	
		KW Dishwasher	
		HP Garbage Disposal	
1	3 1/2	KW Central A/C Unit	
1	1	HP/KW Space Heater/Air Handler	
		KW Baseboard Heat	
		HP Motors 1/+ HP	
		KW Transformer/Generator	
1	200	AMP Service	
		AMP Subpanels	
		AMP Motor Control Center	
		KW Elec. Sign/Outline Light	

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:

[✓] Electric Plans Approved
Date 4-26-23 Approved by: SW

Joint Plan Review Required:
[ ] Bldg. [ ] Plumb. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4-26-23
Approved by: SW

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Rough				
Barrier-Free				
Trench				
Temp. Serv.				
Constr. Serv.				
TCO				
Other				
Service				
Final				
Barrier-Free				

Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued
Annual Pool Inspection
Date of Grounding and Bonding Certification

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

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

PLUMBING SUBCODE
TECHNICAL SECTION

Date Received
Control # MAY 25 2023

Date Issued
Permit # 23-1472-PA

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood PL, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 448-6107 e-mail DRMConstructionLP@Gmail.com

Address 3 Marbil Ave. (street) Toms River (municipality) 08753 (zip code)

Contractor: Air Solutions Tel. 732 281 8030

Address 242 Atlantic City Blvd Ste 7 e-mail
Bayville NJ 08721

Contractor License No. 19HC00548200 Exp. Date 6/30/22

Home Improvement Contractor Registration No. or Exemption Reason

Federal Emp. ID No. 272631827 FAX: 732 551 2337

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed

Building Sewer Size Public Sewer Private Septic

Water Service Size Public Water Private Well

Est. Cost of Plumbing Work: $ 4,500.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
[ ] Partial -Underslab Utilities Approved
Date: Approved by:
[X] Plumbing Plans Approved
Date: 4-27-23 Approved by:
Joint Plan Review Required:
[ ] Bldg. [ ] Elec. [ ] Fire. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 4-27-23
Approved by:

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Slab				
Rough				
Water				
Sewer				
Fixtures				
Gas Equipment				
Gas Piping				
LPGas Tank				
Fuel Oil Piping				
Solar				
TCO				
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: Anthony Bettor

[X] Licensed Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK
INSTALLATION OF NEW HVAC SYSTEM

QTY.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
	Water Closet	$
	Urinal/Bidet	
	Bath Tub	
	Lavatory	
	Shower	
	Floor Drain	
	Sink	
	Dishwasher	
	Drinking Fountain	
	Washing Machine	
	Hose Bibb	
	Water Heater	
	Fuel Oil Piping	
	Gas Piping	
	LPGas Tank	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Sewer Connection	
	Water Service Connection	
	Stacks	
1	Other Hot Air Furnace PL	

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

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

NEW JERSEY UNIFORM CONSTRUCTION CODE

Date Received Control # MAY 25 2023

Date Issued Permit # 23-1472 +A

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

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood PL, Brick, NJ 08723

Owner in Fee: DRM Construction LLP

Tel. (848) 448-6107 e-mail DRMConstructionLP@Gmail.com

Address 3 Marbil Avenue Toms River 08753
(street, municipality)

Contractor: Air Solutions Tel. (732) 281 8030
(city, state, zip code)

Address 242 Atlantic City Blvd Ste 7 e-mail

Bayville NJ 08721

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 (if applicable):

Federal Emp. ID No. 272631827 FAX: (732) 5712337

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed

Constr. Class: Present Proposed

Heating System: [X] New OR [ ] Modification to Existing OR [ ] Conversion OR [ ] Replacement

Fuel Type: [X] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Location: Attic

Total Cost of Fire Protection Work $ 1,250.00

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 sign/Contractor sign and seal here:

Print name here: Anthony Bacco Jr.

D. TECHNICAL SITE DATA [ ] Certified Contractor [X] Exempt Applicant

DESCRIPTION OF WORK:

Water Supply Source

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		
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 [X] Gas [ ] Oil [ ] Solid	1	
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: Approved by:
Joint Plan Review Required:
[ ] Bldg [ ] Elec. [ ] Plumb. [ ] Elev.

SUBCODE APPROVAL for PERMIT
Date: 5/25/23
Approved by:

SUBCODE APPROVAL for CERTIFICATE
[ ] CO [ ] CCO [ ] CA
Date:
Approved by:

INSPECTIONS Type:	Dates (Month/Day) Failure	Failure	Approval	Initial
Alarm System				
Suppression Sys.				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust Tanks				
Fireplace Venting				
Final				
Other				

U.C.C. F140 (rev. 11/09) Internet version

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

FIRE PROTECTION SUBCODE
TECHNICAL SECTION

Date Received: MAY 2 5 2023
Control #: 23-1472 4B
Date Issued:
Permit #:

A. IDENTIFICATION — APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY BEFORE YOU DIG

Block 590 Lot 6 Qualification Code

Work Site Location 861 Glenwood PL, Brick, NJ 08723

Owner in Fee DRM CONSTRUCTION LLP

Tel (848) 448-6107 E-mail DRMCONSTRUCTIONLP@Gmail.Com

Address 861 Glenwood PL, Brick, NJ 08723

Contractor City Group Plumbing Tel 732 773 5441

Address 1333 Englemere Blvd Email

Toms River 08757

Fire Protection Equipment NJ Div of Fire Safety Certificate No.

Fire Protection Equipment NJ Div of Fire Safety Installer No.

Fire Alarm Contractor No. Exp. Date

Home Improvement Contractor Registration No. or Exempt Reason

Federal Emp. ID No. 463210033 FAX

B. FIRE PROTECTION CHARACTERISTICS

Use Group: Present Proposed

Constr. Class: Present Proposed

Heading System: [X] New [ ] Modification Existing [ ] Replacement [ ] Permanent

Fuel type: [X] Gas [ ] Oil [ ] Electric [ ] Solar [ ] Other

Fuel Storage Tank

Fuel Type: [ ] Flammable [ ] Combustible Capacity

Fire Alarm System: [ ] New [ ] Existing

Location of Panel

Fire Suppression/Standpipe System: [ ] New [ ] Existing

Location of Main Control Valve

Total Cost of Fire Protection Work $ 1,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[ ] No Plans Required

[ ] Partial Under/Plan Units Approved

Date Approved by

[ ] Fire Protection Plans Approved

Date Approved by

Joint Plan Review Required

[ ] Bldg [ ] Elec [ ] Plumb [ ] Elev

SUBCODE APPROVAL for PERMIT

Date 5/4/23

Approved by [signature] ABSC

SUBCODE APPROVAL for CERTIFICATE

[ ] CO [ ] CCO [ ] CA

Date

Approved by

INSPECTIONS — Date (Month/Day)

Type	Failure	Failure	Approved	Other
Alarm System				
Suppression Sys				
Standpipe				
Fire Pump				
Pre-Eng. System				
Mechanical				
Smoke Control				
TCO				
Flam/Combust. Tanks				
Fireplace Venting				
Final				
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 [signature]

Print name here Richard Bruno

[ ] Certified Contractor [ ] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: WH, DRYER, RANGE

Water Supply Source Gas Fired Appliances

Method of Alarm/Suppression System Supervision

	NUMBER	FEE (Office Use Only)
Flammable/Combustible Tanks		$
Alarm Systems		
[ ] 1 System		
[ ] 1 Dv. Interconnected		
[ ] On Existing System		
Alarm Devices (Heat, Smoke, Duct, Flow switches)		
Supervisory Devices (Tamper, Pull, etc.)		
Signaling Devices (Horns, strobes, bells)		
Other Devices		
TOTAL	0	
Suppression Systems		
Fire Pump		
Dry Pipe/Alarm Valves		
Pre-action Valves		
Sprinkler Heads		
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 [X] Gas [ ] Oil [ ] Solid	2	Dryer Range
Fireplace/Venting/Metal Chimney		
Other		

Administrative Surcharge $

Minimum Fee $

State Permit Surcharge Fee $

TOTAL FEE $

UCC F140 (rev. 01/11) Internet version

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

Generated by RES*check-Web* Software

Compliance Certificate

Project 861 GLENWOOD PLACE

Energy Code:	**2018 IECC**
Location:	**Toms River, New Jersey**
Construction Type:	**Single-family**
Project Type:	**New Construction**
Conditioned Floor Area:	**1,904 ft2**
Glazing Area	**11%**
Climate Zone:	**4 (5294 HDD)**
Permit Date:	
Permit Number:	

Construction Site:
861 Glenwood Place
Brick, NJ

Owner/Agent:

Designer/Contractor:

Compliance: Passes using UA trade-off

Compliance: **1.8% Better Than Code** Maximum UA: **277** Your UA: **272** Maximum SHGC: **0.40** Your SHGC: **0.40**

The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Slab-on-grade tradeoffs are no longer considered in the UA or performance compliance path in REScheck. Each slab-on-grade assembly in the specified climate zone must meet the minimum energy code insulation R-value and depth requirements.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Prop. U-Factor	Req. U-Factor	Prop. UA	Req. UA
Ceiling: Flat Ceiling or Scissor Truss	1,010	38.0	0.0	0.030	0.026	30	26
Wall: Wood Frame, 16" o.c.	2,312	21.0	0.0	0.057	0.060	117	123
Door: Glass Door (over 50% glazing) SHGC: 0.40	35			0.320	0.320	11	11
Window: Vinyl Frame SHGC: 0.40	219			0.320	0.320	70	70
Floor: All-Wood Joist/Truss	1,010	21.0	0.0	0.044	0.047	44	47

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2018 IECC requirements in RES*check* Version : REScheck-Web and to comply with the mandatory requirements listed in the REScheck Inspection Checklist.

Michael DiSano RA
Name - Title

Signature

10/31/22
Date

RES*check* Software Version : REScheck-Web

Inspection Checklist

Energy Code: 2018 IECC

Requirements: 0.0% were addressed directly in the RES*check* software

Text in the "Comments/Assumptions" column is provided by the user in the REScheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Pre-Inspection/Plan Review	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
103.1, 103.2 [PR1][1]	Construction drawings and documentation demonstrate energy code compliance for the building envelope. Thermal envelope represented on construction documents.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
103.1, 103.2, 403.7 [PR3][1]	Construction drawings and documentation demonstrate energy code compliance for lighting and mechanical systems. Systems serving multiple dwelling units must demonstrate compliance with the IECC Commercial Provisions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
302.1, 403.7 [PR2][2]	Heating and cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J or other methods approved by the code official.	Heating: Btu/hr____ Cooling: Btu/hr____	Heating: Btu/hr____ Cooling: Btu/hr____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Foundation Inspection	Complies?	Comments/Assumptions
303.2.1 [FO11]²	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.9 [FO12]²	Snow- and ice-melting system controls installed.	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Framing / Rough-In Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.3.1, 402.3.3, 402.5 [FR2][1]	Glazing U-factor (area-weighted average).	U-_____	U-_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.1.3 [FR4][1]	U-factors of fenestration products are determined in accordance with the NFRC test procedure or taken from the default table.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.1.1 [FR23][1]	Air barrier and thermal barrier installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.3 [FR20][1]	Fenestration that is not site built is listed and labeled as meeting AAMA /WDMA/CSA 101/I.S.2/A440 or has infiltration rates per NFRC 400 that do not exceed code limits.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.5 [FR16][2]	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate ≤2.0 cfm leakage at 75 Pa.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.1 [FR12][1]	Supply and return ducts in attics insulated >= R-8 where duct is >= 3 inches in diameter and >= R-6 where < 3 inches. Supply and return ducts in other portions of the building insulated >= R-6 for diameter >= 3 inches and R-4.2 for < 3 inches in diameter.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.2 [FR13][1]	Ducts, air handlers and filter boxes are sealed with joints/seams compliant with International Mechanical Code or International Residential Code, as applicable.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.5 [FR15][3]	Building cavities are not used as ducts or plenums.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.4 [FR17][2]	HVAC piping conveying fluids above 105 ºF or chilled fluids below 55 ºF are insulated to ≥R-3.	R-_____	R-_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.4.1 [FR24][1]	Protection of insulation on HVAC piping.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.3 [FR18][2]	Hot water pipes are insulated to ≥R-3.	R-_____	R-_____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.6 [FR19][2]	Automatic or gravity dampers are installed on all outdoor air intakes and exhausts.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Insulation Inspection	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
303.1 [IN13][2]	All installed insulation is labeled or the installed R-values provided.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.1.1, 402.2.6 [IN1][1]	Floor insulation R-value.	R-____ ☐ Wood ☐ Steel	R-____ ☐ Wood ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.2, 402.2.8 [IN2][1]	Floor insulation installed per manufacturer's instructions and in substantial contact with the underside of the subfloor, or floor framing cavity insulation is in contact with the top side of sheathing, or continuous insulation is installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.1.1, 402.2.5, 402.2.6 [IN3][1]	Wall insulation R-value. If this is a mass wall with at least ½ of the wall insulation on the wall exterior, the exterior insulation requirement applies (FR10).	R-____ ☐ Wood ☐ Mass ☐ Steel	R-____ ☐ Wood ☐ Mass ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.2 [IN4][1]	Wall insulation is installed per manufacturer's instructions.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
402.1.1, 402.2.1, 402.2.2, 402.2.6 [FI1][1]	Ceiling insulation R-value.	R-____ ☐ Wood ☐ Steel	R-____ ☐ Wood ☐ Steel	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	*See the Envelope Assemblies table for values.*
303.1.1.1, 303.2 [FI2][1]	Ceiling insulation installed per manufacturer's instructions. Blown insulation marked every 300 ft².			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.3 [FI22][2]	Vented attics with air permeable insulation include baffle adjacent to soffit and eave vents that extends over insulation.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.2.4 [FI3][1]	Attic access hatch and door insulation ≥R-value of the adjacent assembly.	R-____	R-____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
402.4.1.2 [FI17][1]	Blower door test @ 50 Pa. <=5 ach in Climate Zones 1-2, and <=3 ach in Climate Zones 3-8.	ACH 50 =____	ACH 50 =____	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.3 [FI27][1]	Ducts are pressure tested to determine air leakage with either: Rough-in test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the system including the manufacturer's air handler enclosure if installed at time of test. Postconstruction test: Total leakage measured with a pressure differential of 0.1 inch w.g. across the entire system including the manufacturer's air handler enclosure.	____ cfm/100 ft²	____ cfm/100 ft²	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.4 [FI4][1]	Duct tightness test result of <=4 cfm/100 ft2 across the system or <=3 cfm/100 ft2 without air handler @ 25 Pa. For rough-in tests, verification may need to occur during Framing Inspection.	____ cfm/100 ft²	____ cfm/100 ft²	☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.3.2.1 [FI24][1]	Air handler leakage designated by manufacturer at <=2% of design air flow.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.1.1 [FI9][2]	Programmable thermostats installed for control of primary heating and cooling systems and initially set by manufacturer to code specifications.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.1.2 [FI10][2]	Heat pump thermostat installed on heat pumps.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.1 [FI11][2]	Circulating service hot water systems have automatic or accessible manual controls.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
403.6.1 [FI25][2]	All mechanical ventilation system fans not part of tested and listed HVAC equipment meet efficacy and air flow limits per Table R403.6.1.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.2 [FI26][2]	Hot water boilers supplying heat through one- or two-pipe heating systems have outdoor setback control to lower boiler water temperature based on outdoor temperature.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.1.1 [FI28][2]	Heated water circulation systems have a circulation pump. The system return pipe is a dedicated return pipe or a cold water supply pipe. Gravity and thermos-syphon circulation systems are not present. Controls for circulating hot water system pumps start the pump with signal for hot water demand within the occupancy. Controls automatically turn off the pump when water is in circulation loop is at set-point temperature and no demand for hot water exists.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.1.2 [FI29][2]	Electric heat trace systems comply with IEEE 515.1 or UL 515. Controls automatically adjust the energy input to the heat tracing to maintain the desired water temperature in the piping.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.2 [FI30][2]	Demand recirculation water systems have controls that manage operation of the pump and limit the temperature of the water entering the cold water piping to <= 104ºF.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
403.5.4 [FI31][2]	Drain water heat recovery units tested in accordance with CSA B55.1. Potable water-side pressure loss of drain water heat recovery units < 3 psi for individual units connected to one or two showers. Potable water-side pressure loss of drain water heat recovery units < 2 psi for individual units connected to three or more showers.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
404.1 [FI6][1]	90% or more of permanent fixtures have high efficacy lamps.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
404.1.1 [FI23][3]	Fuel gas lighting systems have no continuous pilot light.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	
401.3 [FI7][2]	Compliance certificate posted.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

Section # & Req.ID	Final Inspection Provisions	Plans Verified Value	Field Verified Value	Complies?	Comments/Assumptions
303.3 [FI18][3]	Manufacturer manuals for mechanical and water heating systems have been provided.			☐Complies ☐Does Not ☐Not Observable ☐Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)

2018 IECC Energy Efficiency Certificate

Insulation Rating	R-Value
Above-Grade Wall	**21.00**
Below-Grade Wall	**0.00**
Floor	**21.00**
Ceiling / Roof	**38.00**
Ductwork (unconditioned spaces):	_____

Glass & Door Rating	U-Factor	SHGC
Window	**0.32**	**0.40**
Door	**0.32**	**0.40**

Heating & Cooling Equipment	Efficiency
Heating System:_____	_____
Cooling System:_____	_____
Water Heater:_____	_____

Name: _____ **Date:**_____

Comments

TOWNSHIP OF BRICK

ADDRESS: 861 Glenwood Pl

CONSTRUCTION PERMIT FEES:

BUILDING $_____

ELECTRIC $_____

PLUMBING $_____

FIRE $_____

STATE PERMIT FEE $_____

CERTIFICATE OF OCCUPANCY $_____

PROTOTYPE PROCESSING (LESS 25%) $_____

STATE PLAN REVIEW (LESS 25%) $_____

SUBTOTAL $ _____ 3626

PRIOR APPROVAL FEES: MAY 25 2023 235 − 150

ZONING $_____

ENGINEERING $_____

4011

SUBTOTAL $ _____

TOTAL PERMIT FEE: $ 4011

PLEASE NOTE PAYMENT FOR PERMITS AND AFFORDABLE HOUSING ARE SEPARATE.

AFFORDABLE HOUSING FEES:

PRELIMINARY $ 1142

CALLER'S NAME _____ **DATE** _____

SPOKE TO _____ **(HOMEOWNER/CONTRACTOR)**

	Building Subcode & Flood Plain Plan Review	Date: 4/13/23				
	Control # C-22-004435	FLOOD HAZARD MAP:				
	Address: 361 GLENWOOD Road	PFIRM BFE	9'			
	Block: 590 Lot: 6	FIRM BFE				
	Project NEW SFD	BFE= 8 DFE= 10				
Item	Substantial Damage/Improvement Yes No	Coastal A or V		Not		
#	Review Item	NJUCC/NJIRC	Met	Met	N/A	
1	Prior approvals (DEP/Zoning/Flood/Bd Health)	2.15(a)5	✓			
2	Application forms completed	2.15(a)4	✓			
3	Plans by architect or Complete affidavit checked & signed	2.15(e)1.viii	✓			
4	Cost and volume correct	5:23-2.28	✓			
5	Doesn't exceed table value for size & height(incl grade plane)	3.21(b)1.ii & R300	✓	X	GRADE ELEV NOT INDICATED	
6	Check distance to lot line for rated wall requirement	R302.1	✓			
7	Design criteria/Wind/Snow/Flood	R301.2(1)/R324.1	✓			
		R403.1.1				
8	Flood Zone info BFE/DFE on elevation drawing	Flood Plain Admin Req	✓			
9	Flood vents per code	R322 & Fld Pln	✓			
10	Crawl slab at or above grade	R406.1.2.1 & Fld Pln	✓			
11	Flood resitant below DFE (materials,plbg elec, mech, duct)	R322 & Fld Pln				
	FASTENING SCHED BREAK AWAY SECTION			X		
12	Footing dimensio/Depth below frost	R403.1.4 & R301.2(1)		✓	N/A	
13	Foundation unbalanced backfill/Lateral bracing	R404, R404.1		✓		
14	Foundation waterproofing - Damproofing	R406.2 & 406.3		✓		
15	Foundation perimeter drain including tien in & discharge	R406.4.2		✓		
16	Anchor bolts provided	R403.1.6		✓		
17	Rebar in footings	NJAC 5:23 B02-2		✓		
18	Top of slab edge insulation/foundation	IECC 2006 402.2.7				
19	Vapor Barrier Slab	R506.2.3	✓			
20	Stepped footing details	R403.1.5			✓	
21	Radon system, piping, stone, VB under floor slab	5:23-10.4	Not Required Ocn Cty			
22	Smoke & CO Detectros	UCC R313 Bulletin 99-3	✓			
23	Check ventilation in crawl spaces	R408.1	✓			
24	Crawl space access	R408.4			✓	
25	Basement sills (floor slab) are pressure treated	R323.1 #3/R320	✓			
26	8" framing clearance to grade/6" exterior	R319.1(2) & (5)	✓			
27	If basement verify celling heights/or to be finished	R305.1			✓	
28	Beam over 12" joist 18" above slab or show pressure treated	R319.1 #1	✓			
29	Footings for decks indicated meet code	R403	✓			
30	Deck framing lumber meets live load of floor served	R301.5 & RS02.2.2	✓			
31	Deckledger and bolts and treated lumber	R502.2.2, R319	✓			
33	Guard 36" high on deck 30" or more above grade	R312.1	✓			
34	Stairs width/tread/riser meet code	R311.5.3	✓			
35	Landings min 36" on ext. of door/top of stair	R311.5.4	✓			
		BFE= DFE=		Not		

	Review Item	NJUCC/NJIRC	Met	Met	N/A	
36	Egress door size minimum 3/0 (32" clear) & side hinged	R311.4	✓			
37	Egress windows in bedrooms (1 each required)	R310	✓			
38	Grade & species of framing lumber indicated	R502.1	✓			
39	All girder sizes meet code	R502.5(a)/(2)	✓			
40	Joists first floor check spans/loads	R502.3 & R502.3.2	✓			
41	Floor joist or truss placement - Layout & details	R502.11.4	✓			
42	All header sizes-doors, widows main girder	R502.5(1)/(2) & R602.7	✓			
43	Ceiling joist size/span	R802.4(1) & (2)	✓			
44	Rafter spans	R802.5.1(1) - (8)	✓			
45	Roof truss placement, bracing, uplift details	R802.10 & R802.10.1			✓	
46	Cathedral roof/ceiling-walls tied together or struct ridge	R802.3.1 & commentary			✓	
47	Draftstops including for floor/ceiling if open truss	R502.12			✓	
48	concentrated loads (oversize tub, tile, counters etc)	R301.1	✓			
49	Garage rating floor/ceiling / walls for 1hour incl support	R309.2 & DCA FTO-13	✓			
50	Garage door to living space soild core (not to bedroom)	R309.1 & DCA FTO-13	✓			
51	Garage floor sloped for liquids/vehicle	R309.3				field verify
52	Wall bracing including foundation anchorage	R602.10	✓			
53	All room sizes verified for min dimensions incl height	R304, R305	✓			
54	Wall studs	R602.3	✓			
55	Sheathing floor	R503.2 & R503.3	✓			
56	Sheathing walls and/or structural bracing (diag)	R602.10	✓			
57	Sheathing roof	R803	✓			
58	Glazing-hazardous locations	R308.4	✓			
59	Fireplace plans (masonry) or mfrs instructions (prefab)	R1001-3,NJAC 5:23-2.15(e)1.viii,R1004				
60	Bathroom ventilation to exterior	R303.3 & Ex	✓			field verify
61	Insulation meet code? Worksheet submitted?	IECC 2006 & B07-2	✓			
62	HVAC plans provided that meet code	M1401 & M1601 & NJAC 5:23-2.15(e)1v				
63	Mechanical Ventilation	R 303.4 & M 1505.4 2018		✓		
64	Furnace structural support/location	M1308				
65	Attic and rafter space ventilation	R806	✓			field verify
66	Attic access	R807.1	✓			
67	Chimney termination height	R1003.9 & R1005.1				field verify
68	Dryer venting and length reductions	M1502.6 & IFGC614.6 & 614.6.2				field verify
69	[redacted]	R509.2.3 (a) (b)			✓	

Notes:

1st 43 x 25 x 9 = 9675

38 x 25 x 9 = 8555

New Jersey Office of the Attorney General
Division of Consumer Affairs

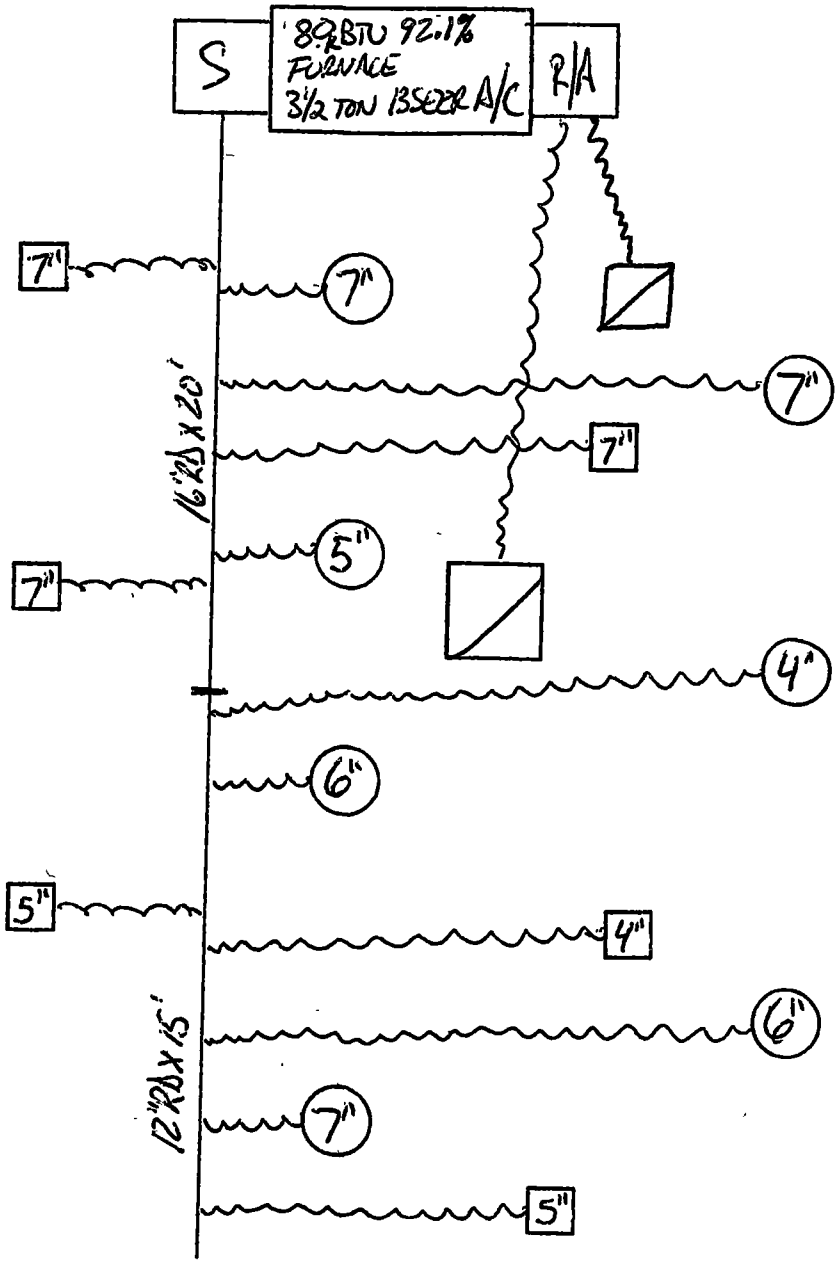
THIS IS TO CERTIFY THAT THE
Board of Exam. of Master Plumbers
HAS LICENSED
Richard G. Bruno
Master Plumber

05/17/2021 TO 06/30/2023
VALID

SIGNATURE

36BI01232800
License/Registration/Certificate #

ACTING DIRECTOR



FURNACE AND DUCTWORK LOCATED IN ATTIC
DUCTWORK & FLEX INSULATED WITH R-8 INSULATION

—— - DUCTWORK
mm - FLEX
◯ - 2ND FLOOR SUPPLY OUTLETS
□ - 1ST FLOOR SUPPLY OUTLETS
⊠ - R/A INTAKE

Township of Brick

SINGLE FAMILY DWELLING

REVISED 10/05/21

1. Construction Jacket completed – Front and inside the jacket filled out completely. Must complete Section VI with SF of land disturbance	Yes ✓	NO ___
2. Zoning Application completely filled out	Yes ✓	NO ___
3. Engineering Form completely filled out Single Family Dwelling Checklist.	Yes ✓	NO ___
4. Copy of Ocean County Soils Certification (609)971-7002	Yes ___	NO ___
5. **Four true size** SEALED Plot Plans with Topography A/C, generator (platform) required on Plot plans	Yes ✓	NO ___
6. Bldg/Plmg/Electrical/Fire Subcode Techs completed. Licensed contractors are required to sign & seal appropriate techs. If decks are on plans, it is a **separate alteration** cost on the bldg tech	Yes ✓	NO ___
7. Two sets of plans – **Current codes.** Architectural Plans must be signed and sealed by a licensed design professional. **Partial Building release require 3 sets of plans**	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.	Yes ✓	NO ___
12. Two Drain Waste Vent schematic – Sealed if prepared by a licensed professional.	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 (F & F, decks, etc) – Alteration	Yes ___	NO ✓
17. Heat Loss Calculation	Yes ✓	NO ___

***New SFD do NOT REQUIRE MECHANICAL!

PLEASE NOTE: THIS IS A GUIDE ONLY. IT IS NOT A SUBSITUTE FOR A KNOWLEDGE OF THE STATE AND LOCAL REGULATIONS. THE UNIQUE NATURE OF SOME CONSTRUCTION PROJECTS CAN REQUIRE ADDITIONAL INFORMATION OR

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

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

STATEMENT OF UTILITY SERVICES

RALPHAEL

APPLICANT: NAME: DRM CONSTRUCTION LLP PHONE NO.: 848-448-6107 (bus.)
ADDRESS: 3 MARBIL AVE (home)
TOMS RIVER NJ 08753-4123

PROPERTY IN QUESTION: ADDRESS: 861 GLENWOOD PL.
BLOCK/LOT(S): 590. 6.

BTMUA ACCOUNT NO.: 10232007-0 TAX MAP DRAWING NO.: 36-02

SINGLE FAMILY RESIDENCE X MINOR SUBDIVISION
COMMERCIAL MAJOR SUBDIVISION

	WATER	SEWER
1. UTILITY SERVICE CAN BE PROVIDED. APPLICATION FOR SERVICE IS **REQUIRED**.	X 3150.00	X 2510.00

CONNECTION WILL BE PROVIDED AS FOLLOWS:

		INITIAL SERVICE CHARGES	
* WATER Glenwood Place (STREET)	3/4" 4283.00	1" 7514.00
* SEWER Glenwood Place (STREET)	4235.00	

*Lot has existing Services

2. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE. APPLICATION FOR EXTENSION IS ☐ IS NOT ☐ REQUIRED. ____ ____

3. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE. IT SHALL BE AVAILABLE UPON COMPLETION OF WORK BY A DEVELOPER UNDER APPLICATION NO. _____ CONTACT THE AUTHORITY TO CONFIRM AVAILBILITY OF SERVICES. ____ ____

DATE: 7/8/2020 SIGNED: A

NOTE: STATEMENT GOOD FOR ONE YEAR.

SS 7/7/2020

UTILITY SERVICES FROM NEW HOMES

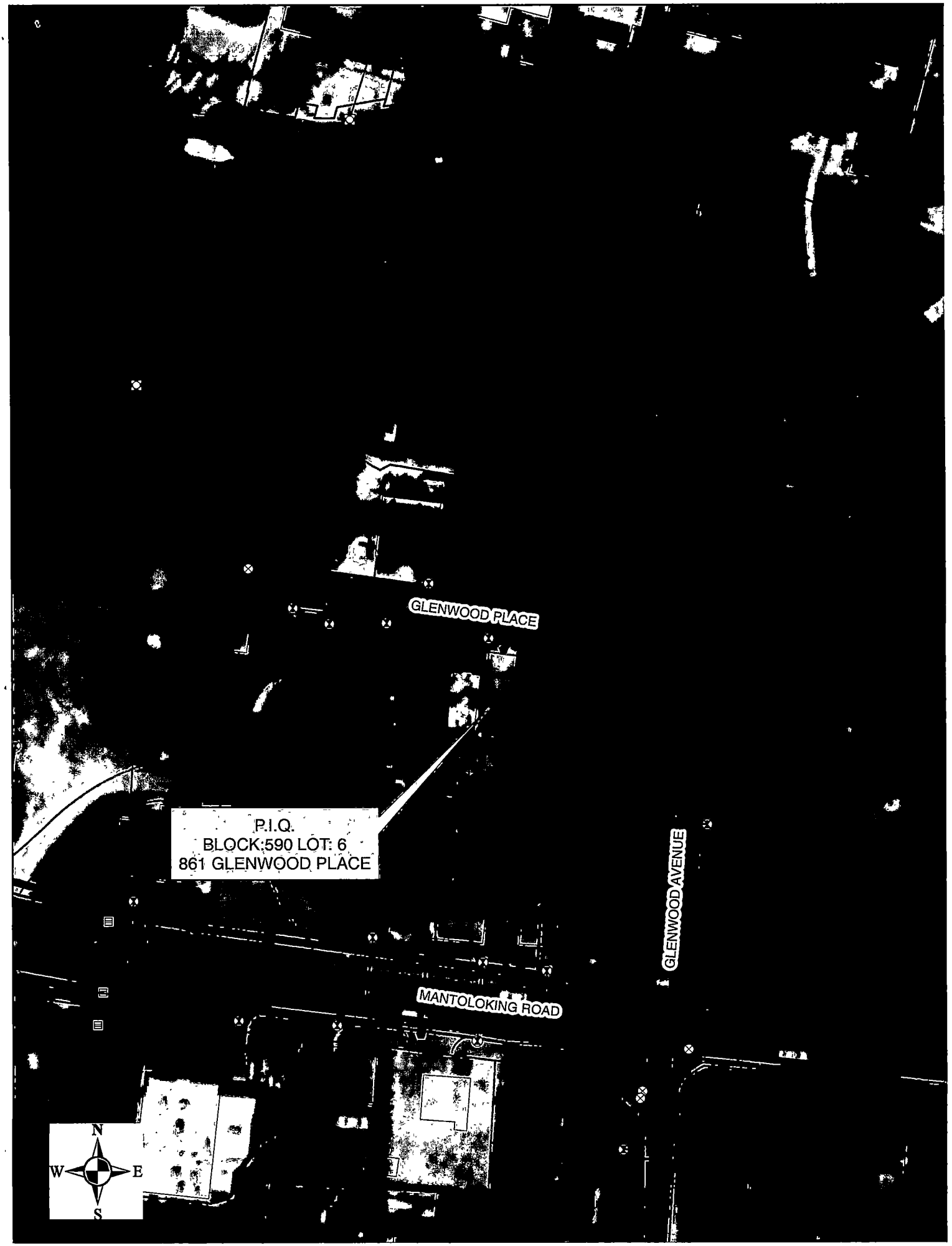
1. OBTAIN "STATEMENT OF UTILITY SERVICES" AND SIZING SHEET AT BTMUA.
2. FILL OUT SIZING SHEET AND HAVE APPROVED BY THE BRICK TOWNSHIP PLUMBING INSPECTOR.
3. APPLICATION FOR UTILITIES SHOULD BE MADE TO BTMUA AS EARLY AS POSSIBLE, AT WHICH TIME THE SIZING SHEET, SIGNED BY THE TOWNSHIP PLUMBING INSPECTOR, MUST BE SUBMITTED.

APPLICATIONS WITHOUT THE SIGNED SIZING SHEET WILL NOT BE ACCEPTED.

LEAD TIME FOR TAPS TO BE INSTALLED IS BETWEEN 8 AND 12 WEEKS, WEAHTER PERMITTING; HOWEVER, TAPS WILL NOT BE SCHEDULED FOR INSUTALLATION UNTIL AT LEAST A FOUNDATION EXISTS. FOR INFORMATION ON SCHEDULED INSTALLATIONS, CONTACT THE AUTHORITY OPERATIONS OFFICE.

4. AFTER THE TAPS HAVE BEEN INSTALLED, SEWER AND WATER SERVICE PERMITS ARE TO BE OBTAINED AT THE BTMUA (PERMIT FEE OF $15 FOR EACH SERVICE).
5. ONCE YOUR SERVICE LINES HAVE BEEN CONNECTED, CALL THE CUSTOMER ACCOUNT DIVISION AT BTMUA TO ARRANGE FOR AN OUTSIDE INSPECTION.
6. CERTIFICATE OF COMPLICANCE

THE C.C. WILL BE ISSUED AFTER THE METER IS INSTALLED AND ALL REQUIREMENTS MET, AT WHICH TIME ALL FEES MUST BE PAID IN FULL.


GLENWOOD PLACE
P.I.Q.
BLOCK:590 LOT: 6
861 GLENWOOD PLACE
GLENWOOD AVENUE
MANTOLOKING ROAD
N
W
E
S

Find... 1 of 1 100%

Main Report G GLENWOOD PL **861**

TRIANGULATIONS

Printed 7/7/2020 Page 1 of 1

BRICK UTILITIES

861 GLENWOOD PL				**UPDATED:** 1/10/19	
R01	10232007-0			**PAMS:** 590_6	
NOTES:	* LEFT OFF RIGHT CORNER OF HOUSE #866, RGHT OFF POLE WITH NO #				
	POS	**LEFT**	**RIGHT**	**LENGTH**	**DEPTH**
SEWER	*	63.0	33.0	0.0	0.0
WATER	*	55.5	29.0	22.0	3.0

BILLING ADDRESS	**OWNER ADDRESS**
DRM CONSTRUCTION LLP	DRM CONSTRUCTION LLP
3 MARBIL AVE	3 MARBIL AVE
TOMS RIVER NJ 08753-4123	TOMS RIVER NJ 08753-4123

G » GLENWOOD PL » 861

ReCrystallize Server for Crystal Reports

ATTACHMENT A:

IF DURING CONSTRUCTION THE EXISTING SANITARY SEWER CLEAN OUT & WATER SERVICE CURB BOX IS FOUND TO BE LOCATED IN THE DRIVEWAY APRON OR WALKWAYS, THE APPLICANT WILL BE REQUIRED TO RE-LOCATE THE SEWER CLEA OUT AND OR WATER CURB BOX AT THE APPLICANTS EXPENSE.

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER _____ DATE _____
PROPERTY ADDRESS _____ BLOCK _____ LOT _____
ZONING _____ USE GROUP _____
CONTRACTOR _____ LICENSE # REGISTRATION _____
WATER MAIN SIZE _____ WATER PRESSURE _____ SEWER MAIN SIZE _____

PLUMBING FIXTURES	NUMBER	(sfu)	WATER UNITS	(dfu)	DRAINAGE
1. BATHROOM GROUP		( )		( )	
2. KITCHEN GROUP		( )		( )	
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		( )		( )	
12. URINAL		( )		( )	
13. FLOOR DRAIN		( )		( )	
14. DRINK FOUNTAIN		( )		( )	
15. AIR CONDITION/ WATER COOLER		( )		( )	
16. DENTAL UNIT		( )		( )	
17. LAWN SPRINKLER		( )		( )	
18. FIRE SPRINKLER		( )		( )	
19. HOSE BIBS		( )		( )	

TOTALS _____ _____
GALLONS PER MINUTE _____
SIZE OF SERVICE _____

DATE: _____ APPROVED BY: _____

861 Glenwood Pl
HVAC Load Calculations

for

DRM Construction
861 Glenwood Pl
Brick, N.J.

Elite Software

RHVAC RESIDENTIAL HVAC LOADS

Prepared By:

Anthony Brito
Air Solutions
242 Atlantic City Blvd Ste 7
Bayville, N.J. 08721
732-281-8030

Thursday, April 07, 2022

Rhvac is an ACCA approved Manual J and Manual D computer program.
Calculations are performed per ACCA Manual J 8th Edition, Version 2, and ACCA Manual D.

Project Report

General Project Information

Project Title:	861 Glenwood Pl
Designed By:	Air Solutions
Project Date:	Wednesday, April 06, 2022
Client Name:	DRM Construction
Client Address:	861 Glenwood Pl
Client City:	Brick, N.J.
Company Name:	Air Solutions
Company Representative:	Anthony Brito
Company Address:	242 Atlantic City Blvd Ste 7
Company City:	Bayville, N.J. 08721
Company Phone:	732-281-8030
Company Fax:	732-551-2337
Company E-Mail Address:	airsolutionsllc@yahoo.com

Design Data

Reference City:		Brick, New Jersey
Building Orientation:		Front door faces North
Daily Temperature Range:		Medium
Latitude:	40	Degrees
Elevation:	103	ft.
Altitude Factor:	0.996	

	Outdoor Dry Bulb	Outdoor Wet Bulb	Outdoor Rel.Hum	Indoor Rel.Hum	Indoor Dry Bulb	Grains Difference
Winter:	14	12.83	n/a	n/a	70	n/a
Summer:	88	74	52%	50%	75	39

Check Figures

Total Building Supply CFM:	1,342	CFM Per Square ft.:	0.763
Square ft. of Room Area:	1,759	Square ft. Per Ton:	567
Volume (ft³):	14,955		

Building Loads

Total Heating Required Including Ventilation Air:	55,332	Btuh	55.332	MBH
Total Sensible Gain:	29,419	Btuh	79	%
Total Latent Gain:	7,839	Btuh	21	%
Total Cooling Required Including Ventilation Air:	37,258	Btuh	3.10	Tons (Based On Sensible + Latent)

Notes

Rhvac is an ACCA approved Manual J and Manual D computer program.
Calculations are performed per ACCA Manual J 8th Edition, Version 2, and ACCA Manual D.
All computed results are estimates as building use and weather may vary.
Be sure to select a unit that meets both sensible and latent loads according to the manufacturer's performance data at your design conditions.

Miscellaneous Report

System 1 Whole House Input Data	Outdoor Dry Bulb	Outdoor Wet Bulb	Outdoor Rel.Hum	Indoor Rel.Hum	Indoor Dry Bulb	Grains Difference
Winter:	14	12.83	80%	n/a	70	n/a
Summer:	88	74	52%	50%	75	39.48

Duct Sizing Inputs

	Main Trunk		Runouts	
Calculate:	Yes		Yes	
Use Schedule:	Yes		Yes	
Roughness Factor:	0.00300		0.01000	
Pressure Drop:	0.1000	in.wg./100 ft.	0.1000	in.wg./100 ft.
Minimum Velocity:	0	ft./min	0	ft./min
Maximum Velocity:	900	ft./min	750	ft./min
Minimum Height:	0	in.	0	in.
Maximum Height:	0	in.	0	in.

Outside Air Data

	Winter		Summer	
Infiltration Specified:	0.800	AC/hr	0.420	AC/hr
	199	CFM	105	CFM
Infiltration Actual:	0.800	AC/hr	0.420	AC/hr
Above Grade Volume:	X 14,955	Cu.ft.	X 14,955	Cu.ft.
	11,964	Cu.ft./hr	6,281	Cu.ft./hr
	X 0.0167		X 0.0167	
Total Building Infiltration:	199	CFM	105	CFM
Total Building Ventilation:	0	CFM	0	CFM

---System 1---
Infiltration & Ventilation Sensible Gain Multiplier: 14.25 = (1.10 X 0.996 X 13.00 Summer Temp. Difference)
Infiltration & Ventilation Latent Gain Multiplier: 26.74 = (0.68 X 0.996 X 39.48 Grains Difference)
Infiltration & Ventilation Sensible Loss Multiplier: 61.37 = (1.10 X 0.996 X 56.00 Winter Temp. Difference)
Winter Infiltration Specified: 0.800 AC/hr (199 CFM), Construction: Loose
Summer Infiltration Specified: 0.420 AC/hr (105 CFM), Construction: Loose

Duct Load Factor Scenarios for System 1

No.	Type	Description	Location	Attic Ceiling	Duct Leakage	Duct Insulation	Surface Area	From [T]MDD
1	Supply		Attic	16B	0.12	8	475	No

Load Preview Report

Scope	Net Ton	ft.²/Ton	Area	Sen Gain	Lat Gain	Net Gain	Sen Loss	Sys Htg CFM	Sys Clg CFM	Sys Act CFM	Duct Size
Building	**3.10**	**567**	**1,759**	**29,419**	**7,839**	**37,258**	**55,332**	**721**	**1,342**	**1,342**	
System 1	**3.10**	**567**	**1,759**	**29,419**	**7,839**	**37,258**	**55,332**	**721**	[redacted]	**1,342**	**12x19**
Supply Duct Latent					**840**	**840**					
Zone 1			1,759	29,419	6,999	36,418	55,332	721	1,342	1,342	12x19
1-Foyer			70	1,091	426	1,517	3,136	41	50	50	1–5
2-Bath 1			70	1,018	266	1,284	1,485	19	46	46	1–5
3-Stairs			91	620	286	906	1,514	20	28	28	1–4
4-Great Room			239	3,081	785	3,866	7,142	93	141	141	2–6
5-Dining Room			121	2,607	670	3,277	5,139	67	119	119	2–5
6-Kitchen			121	1,772	535	2,307	2,695	35	81	81	1–6
7-Pantry			42	332	200	532	304	4	15	15	1–4
8-Bedroom 4			125	3,653	524	4,177	5,703	74	167	167	2–6
9-Master Bedroom			223	3,527	732	4,259	7,217	94	161	161	2–6
10-WIC			46	826	351	1,177	1,974	26	38	38	1–5
11-Master Bath			73	1,213	263	1,476	1,714	22	55	55	1–5
12-Stairs			88	2,031	276	2,307	2,480	32	93	93	1–6
13-Bedroom 3			139	2,239	457	2,696	5,592	73	102	102	1–7
14-WIC 1			28	678	260	938	1,199	16	31	31	1–4
15-WIC 2			28	809	315	1,124	1,737	23	37	37	1–5
16-Bedroom 2			141	2,411	340	2,751	3,658	48	110	110	1–7
17-Bath 3			114	1,512	313	1,825	2,644	34	69	69	1–6

Duct Size Preview

Room or Duct Name	Source	Minimum Velocity	Maximum Velocity	Rough Factor	Design L/100	SP Loss	Duct Velocity	Duct Length	Htg Flow	Clg Flow	Act. Flow	Duct Size
System 1												
Supply Runouts												
Zone 1												
1-Foyer	Built-In	0	750	0.01	0.1		365		41	50	50	1–5
2-Bath 1	Built-In	0	750	0.01	0.1		340.5		19	46	46	1–5
3-Stairs	Built-In	0	750	0.01	0.1		324.4		20	28	28	1–4
4-Great Room	Built-In	0	750	0.01	0.1		358		93	141	141	2–6
5-Dining Room	Built-In	0	750	0.01	0.1		436.2		67	119	119	2–5
6-Kitchen	Built-In	0	750	0.01	0.1		411.7		35	81	81	1–6
7-Pantry	Built-In	0	750	0.01	0.1		173.5		4	15	15	1–4
8-Bedroom 4	Built-In	0	750	0.01	0.1		424.4		74	167	167	2–6
9-Master Bedroom	Built-In	0	750	0.01	0.1		409.7		94	161	161	2–6
10-WIC	Built-In	0	750	0.01	0.1		276.5		26	38	38	1–5
11-Master Bath	Built-In	0	750	0.01	0.1		406		22	55	55	1–5
12-Stairs	Built-In	0	750	0.01	0.1		471.8		32	93	93	1–6
13-Bedroom 3	Built-In	0	750	0.01	0.1		382.2		73	102	102	1–7
14-WIC 1	Built-In	0	750	0.01	0.1		354.3		16	31	31	1–4
15-WIC 2	Built-In	0	750	0.01	0.1		270.8		23	37	37	1–5
16-Bedroom 2	Built-In	0	750	0.01	0.1		411.5		48	110	110	1–7
17-Bath 3	Built-In	0	750	0.01	0.1		351.4		34	69	69	1–6
Other Ducts in System 1												
Supply Main Trunk	Built-In	0	900	0.003	0.1		847.7		721	1,342	1,342	12x19

Summary

System 1
Heating Flow: 721
Cooling Flow: 1342

Total Building Summary Loads

Component Description	Area Quan	Sen Loss	Lat Gain	Sen Gain	Total Gain
1A-cv-o: Glazing-Single pane, operable window, clear, vinyl frame, u-value 0.9, SHGC 0.64	219	11,036	0	10,699	10,699
11D: Door-Wood - Solid Core	20.4	446	0	191	191
12B-0sw: Wall-Frame, R-11 insulation in 2 x 4 stud cavity, no board insulation, siding finish, wood studs	1813.4	9,851	0	3,886	3,886
16BR-19-ml: Roof/Ceiling-Under Attic with Insulation on Attic Floor (also use for Knee Walls and Partition Ceilings), unvented attic with radiant barrier, R-19 insulation, light metal	879.7	2,412	0	2,069	2,069
19A-0cp: Floor-Over enclosed crawl space, No insulation on exposed walls, sealed or vented space, passive, no floor insulation, carpet or hardwood	1759.3	10,919	0	2,536	2,536
Subtotals for structure:		34,664	0	19,381	19,381
People:	21		4,200	4,830	9,030
Equipment:			0	0	0
Lighting:	0			0	0
Ductwork:		8,431	840	3,717	4,557
Infiltration: Winter CFM: 199, Summer CFM: 105		12,237	2,799	1,491	4,290
Ventilation: Winter CFM: 0, Summer CFM: 0		0	0	0	0
Total Building Load Totals:		55,332	7,839	29,419	37,258

Check Figures

Total Building Supply CFM:	1,342	CFM Per Square ft.:	0.763
Square ft. of Room Area:	1,759	Square ft. Per Ton:	567
Volume (ft³):	14,955		

Building Loads

Total Heating Required Including Ventilation Air:	55,332 Btuh	55.332	MBH
Total Sensible Gain:	29,419 Btuh	79	%
Total Latent Gain:	7,839 Btuh	21	%
Total Cooling Required Including Ventilation Air:	37,258 Btuh	3.10	Tons (Based On Sensible + Latent)

Notes

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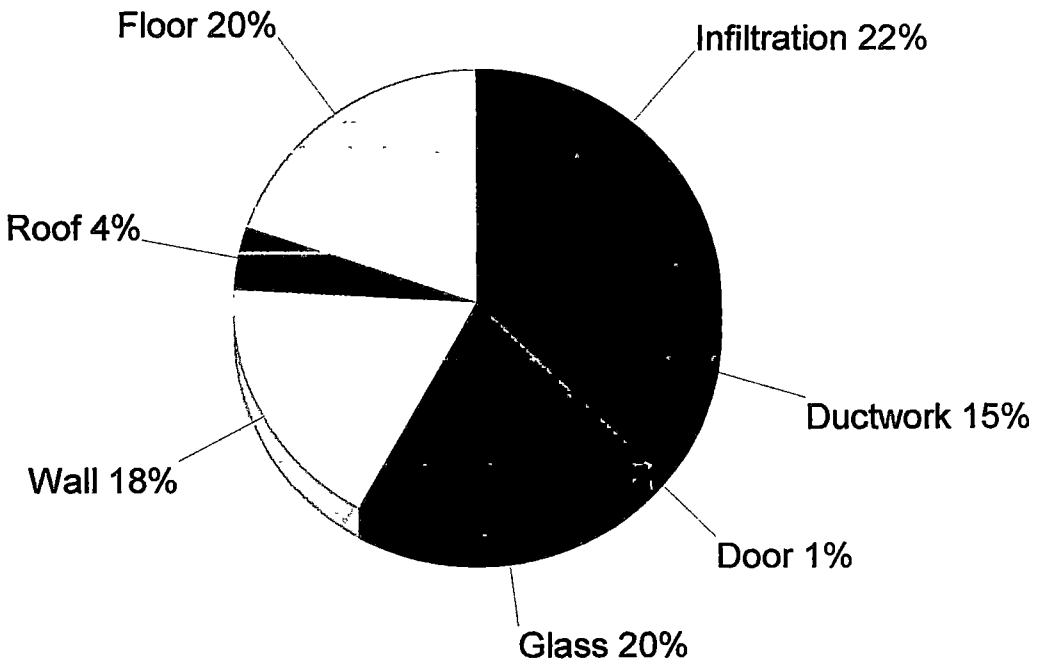
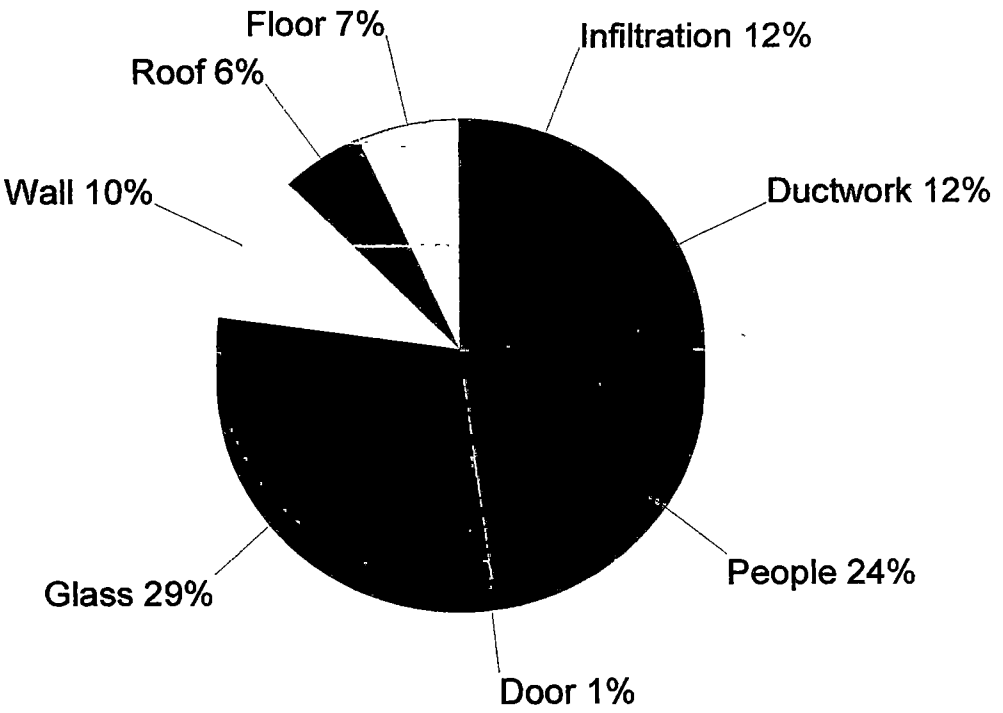
Be sure to select a unit that meets both sensible and latent loads according to the manufacturer's performance data at your design conditions.

Building Pie Chart

Building Loss 55,332 Btuh



Building Gain 37,258 Btuh



Detailed Room Loads - Room 1 - Foyer (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	5.4 ft.	System Number:	1
Room Width:	13.0 ft.	Zone Number:	1
Area:	70.2 sq.ft.	Supply Air:	50 CFM
Ceiling Height:	9.0 ft.	Supply Air Changes:	4.7 AC/hr
Volume:	632 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	50 CFM	Percent of Supply.:	0 %
Runout Duct Size:	5 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	365 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	365 ft./min.	Actual Winter Infil.:	16 CFM
Actual Loss:	0.111 in.wg./100 ft.	Actual Summer Infil.:	8 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
N -Wall-12B-0sw 13 X 9	96.6	0.097	5.4	525	2.1	0	207
W -Wall-12B-0sw 5.4 X 9	48.6	0.097	5.4	264	2.1	0	104
N -Door-11D 3 X 6.8	20.4	0.390	21.8	446	9.4	0	191
Floor-19A-0cp 13 X 5.4	70.2	0.295	6.2	436	1.4	0	101
Subtotals for Structure:				1,671		0	603
Infil.: Win.: 16.1, Sum.: 8.4	166		5.960	987	0.725	226	120
Ductwork:				478			138
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				3,136		426	1,091

Detailed Room Loads - Room 2 - Bath 1 (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	5.4 ft.	System Number:	1
Room Width:	13.0 ft.	Zone Number:	1
Area:	70.2 sq.ft.	Supply Air:	46 CFM
Ceiling Height:	9.0 ft.	Supply Air Changes:	4.4 AC/hr
Volume:	632 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	46 CFM	Percent of Supply.:	0 %
Runout Duct Size:	5 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	340 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	340 ft./min.	Actual Winter Infil.:	5 CFM
Actual Loss:	0.097 in.wg./100 ft.	Actual Summer Infil.:	2 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
W -Wall-12B-0sw 5.4 X 9	42.6	0.097	5.4	231	2.1	0	91
W -Gls-1A-cv-o shgc-0.64 0%S	6	0.900	50.4	302	72.0	0	432
Floor-19A-0cp 13 X 5.4	70.2	0.295	6.2	436	1.4	0	101
Subtotals for Structure:				969		0	624
Infil.: Win.: 4.7, Sum.: 2.5	49		5.967	290	0.720	66	35
Ductwork:				226			129
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				1,485		266	1,018

Detailed Room Loads - Room 3 - Stairs (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.		Occurrences:	1	
Room Length:	7.0	ft.	System Number:	1	
Room Width:	13.0	ft.	Zone Number:	1	
Area:	91.0	sq.ft.	Supply Air:	28	CFM
Ceiling Height:	9.0	ft.	Supply Air Changes:	2.1	AC/hr
Volume:	819	cu.ft.	Req. Vent. Clg:	0	CFM
Number of Registers:	1		Actual Winter Vent.:	0	CFM
Runout Air:	28	CFM	Percent of Supply.:	0	%
Runout Duct Size:	4	in.	Actual Summer Vent.:	0	CFM
Runout Air Velocity:	324	ft./min.	Percent of Supply:	0	%
Runout Air Velocity:	324	ft./min.	Actual Winter Infil.:	6	CFM
Actual Loss:	0.120	in.wg./100 ft.	Actual Summer Infil.:	3	CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
W -Wall-12B-0sw 7 X 9	63	0.097	5.4	342	2.1	0	135
Floor-19A-0cp 13 X 7	91	0.295	6.2	565	1.4	0	131
Subtotals for Structure:				907		0	266
Infil.: Win.: 6.1, Sum.: 3.2	63		5.968	376	0.730	86	46
Ductwork:				231			78
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				1,514		286	620

Detailed Room Loads - Room 4 - Great Room (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.		Occurrences:	1	
Room Length:	18.4	ft.	System Number:	1	
Room Width:	13.0	ft.	Zone Number:	1	
Area:	239.2	sq.ft.	Supply Air:	141	CFM
Ceiling Height:	9.0	ft.	Supply Air Changes:	3.9	AC/hr
Volume:	2,153	cu.ft.	Req. Vent. Clg:	0	CFM
Number of Registers:	2		Actual Winter Vent.:	0	CFM
Runout Air:	70	CFM	Percent of Supply.:	0	%
Runout Duct Size:	6	in.	Actual Summer Vent.:	0	CFM
Runout Air Velocity:	358	ft./min.	Percent of Supply:	0	%
Runout Air Velocity:	358	ft./min.	Actual Winter Infil.:	27	CFM
Actual Loss:	0.083	in.wg./100 ft.	Actual Summer Infil.:	14	CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
S -Wall-12B-0sw 13 X 9	87	0.097	5.4	473	2.1	0	187
W -Wall-12B-0sw 18.4 X 9	165.6	0.097	5.4	900	2.1	0	355
S -Gls-1A-cv-o shgc-0.64 0%S (2)	30	0.900	50.4	1,512	38.0	0	1,140
Floor-19A-0cp 13 X 18.4	239.2	0.295	6.2	1,484	1.4	0	345
Subtotals for Structure:				4,369		0	2,027
Infil.: Win.: 27.5, Sum.: 14.4	283		5.962	1,685	0.725	385	205
Ductwork:				1,088			389
People: 200 lat/per, 230 sen/per:	2					400	460
Room Totals:				7,142		785	3,081

Detailed Room Loads - Room 5 - Dining Room (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.		Occurrences:	1	
Room Length:	11.0	ft.	System Number:	1	
Room Width:	11.0	ft.	Zone Number:	1	
Area:	121.0	sq.ft.	Supply Air:	119	CFM
Ceiling Height:	9.0	ft.	Supply Air Changes:	6.6	AC/hr
Volume:	1,089	cu.ft.	Req. Vent. Clg:	0	CFM
Number of Registers:	2		Actual Winter Vent.:	0	CFM
Runout Air:	59	CFM	Percent of Supply.:	0	%
Runout Duct Size:	5	in.	Actual Summer Vent.:	0	CFM
Runout Air Velocity:	436	ft./min.	Percent of Supply:	0	%
Runout Air Velocity:	436	ft./min.	Actual Winter Infil.:	19	CFM
Actual Loss:	0.157	in.wg./100 ft.	Actual Summer Infil.:	10	CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
S -Wall-12B-0sw 11 X 9	69	0.097	5.4	375	2.1	0	148
E -Wall-12B-0sw 11 X 9	99	0.097	5.4	538	2.1	0	212
S -Gls-1A-cv-o shgc-0.64 0%S (2)	30	0.900	50.4	1,512	38.0	0	1,140
Floor-19A-0cp 11 X 11	121	0.295	6.2	751	1.4	0	174
Subtotals for Structure:				3,176		0	1,674
Infil.: Win.: 19.2, Sum.: 10.1	198		5.960	1,180	0.727	270	144
Ductwork:				783			329
People: 200 lat/per, 230 sen/per:	2					400	460
Room Totals:				5,139		670	2,607

Detailed Room Loads - Room 6 - Kitchen (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.		Occurrences:	1	
Room Length:	11.0	ft.	System Number:	1	
Room Width:	11.0	ft.	Zone Number:	1	
Area:	121.0	sq.ft.	Supply Air:	81	CFM
Ceiling Height:	9.0	ft.	Supply Air Changes:	4.5	AC/hr
Volume:	1,089	cu.ft.	Req. Vent. Clg:	0	CFM
Number of Registers:	1		Actual Winter Vent.:	0	CFM
Runout Air:	81	CFM	Percent of Supply.:	0	%
Runout Duct Size:	6	in.	Actual Summer Vent.:	0	CFM
Runout Air Velocity:	412	ft./min.	Percent of Supply:	0	%
Runout Air Velocity:	412	ft./min.	Actual Winter Infil.:	10	CFM
Actual Loss:	0.109	in.wg./100 ft.	Actual Summer Infil.:	5	CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
E -Wall-12B-0sw 11 X 9	90	0.097	5.4	489	2.1	0	193
E -Gls-1A-cv-o shgc-0.64 0%S	9	0.900	50.4	454	72.1	0	649
Floor-19A-0cp 11 X 11	121	0.295	6.2	751	1.4	0	174
Subtotals for Structure:				1,694		0	1,016
Infil.: Win.: 9.6, Sum.: 5.0	99		5.960	590	0.727	135	72
Ductwork:				411			224
People: 200 lat/per, 230 sen/per:	2					400	460
Room Totals:				2,695		535	1,772

Detailed Room Loads - Room 7 - Pantry (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	8.0 ft.	System Number:	1
Room Width:	5.2 ft.	Zone Number:	1
Area:	41.6 sq.ft.	Supply Air:	15 CFM
Ceiling Height:	9.0 ft.	Supply Air Changes:	2.4 AC/hr
Volume:	374 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	15 CFM	Percent of Supply.:	0 %
Runout Duct Size:	4 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	174 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	174 ft./min.	Actual Winter Infil.:	0 CFM
Actual Loss:	0.036 in.wg./100 ft.	Actual Summer Infil.:	0 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
Floor-19A-0cp 5.2 X 8	41.6	0.295	6.2	258	1.4	0	60
Subtotals for Structure:				258		0	60
Infil.: Win.: 0.0, Sum.: 0.0	0		0	0	0	0	0
Ductwork:				46			42
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				304		200	332

Detailed Room Loads - Room 8 - Bedroom 4 (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	11.4 ft.	System Number:	1
Room Width:	11.0 ft.	Zone Number:	1
Area:	125.4 sq.ft.	Supply Air:	167 CFM
Ceiling Height:	9.0 ft.	Supply Air Changes:	8.9 AC/hr
Volume:	1,129 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	2	Actual Winter Vent.:	0 CFM
Runout Air:	83 CFM	Percent of Supply.:	0 %
Runout Duct Size:	6 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	424 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	424 ft./min.	Actual Winter Infil.:	23 CFM
Actual Loss:	0.116 in.wg./100 ft.	Actual Summer Infil.:	12 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
N -Wall-12B-0sw 11 X 9	99	0.097	5.4	538	2.1	0	212
E -Wall-12B-0sw 11.4 X 9	72.6	0.097	5.4	394	2.1	0	156
W -Wall-12B-0sw 4 X 9	36	0.097	5.4	196	2.1	0	77
E -Gls-1A-cv-o shgc-0.64 0%S (2)	30	0.900	50.4	1,512	72.1	0	2,162
Floor-19A-0cp 11 X 11.4	125.4	0.295	6.2	778	1.4	0	181
Subtotals for Structure:				3,418		0	2,788
Infil.: Win.: 23.1, Sum.: 12.1	238		5.960	1,416	0.728	324	173
Ductwork:				869			462
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				5,703		524	3,653

Detailed Room Loads - Room 9 - Master Bedroom (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	12.4 ft.	System Number:	1
Room Width:	18.0 ft.	Zone Number:	1
Area:	223.2 sq.ft.	Supply Air:	161 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	5.4 AC/hr
Volume:	1,786 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	2	Actual Winter Vent.:	0 CFM
Runout Air:	80 CFM	Percent of Supply.:	0 %
Runout Duct Size:	6 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	410 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	410 ft./min.	Actual Winter Infil.:	24 CFM
Actual Loss:	0.108 in.wg./100 ft.	Actual Summer Infil.:	12 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
S -Wall-12B-0sw 18 X 8	114	0.097	5.4	619	2.1	0	244
W -Wall-12B-0sw 12.4 X 8	99.2	0.097	5.4	539	2.1	0	213
S -Gls-1A-cv-o shgc-0.64 0%S (2)	30	0.900	50.4	1,512	38.0	0	1,140
UP-Ceil-16BR-19 12.4 X 18	223.2	0.049	2.7	612	2.4	0	525
Floor-19A-0cp 18 X 12.4	223.2	0.295	6.2	1,385	1.4	0	322
Subtotals for Structure:				4,667		0	2,444
Infil.: Win.: 23.6, Sum.: 12.4	243		5.962	1,450	0.728	332	177
Ductwork:				1,100			446
People: 200 lat/per, 230 sen/per:	2					400	460
Room Totals:				7,217		732	3,527

Detailed Room Loads - Room 10 - WIC (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	8.0 ft.	System Number:	1
Room Width:	5.8 ft.	Zone Number:	1
Area:	46.4 sq.ft.	Supply Air:	38 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	6.1 AC/hr
Volume:	371 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	38 CFM	Percent of Supply.:	0 %
Runout Duct Size:	5 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	277 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	277 ft./min.	Actual Winter Infil.:	11 CFM
Actual Loss:	0.064 in.wg./100 ft.	Actual Summer Infil.:	6 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
S -Wall-12B-0sw 5.8 X 8	46.4	0.097	5.4	252	2.1	0	99
E -Wall-12B-0sw 8 X 8	64	0.097	5.4	348	2.1	0	137
UP-Ceil-16BR-19 8 X 5.8	46.4	0.049	2.7	127	2.4	0	109
Floor-19A-0cp 5.8 X 8	46.4	0.295	6.2	288	1.4	0	67
Subtotals for Structure:				1,015		0	412
Infil.: Win.: 10.7, Sum.: 5.6	110		5.960	658	0.725	151	80
Ductwork:				301			104
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				1,974		351	826

Detailed Room Loads - Room 11 - Master Bath (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	5.8 ft.	System Number:	1
Room Width:	12.6 ft.	Zone Number:	1
Area:	73.1 sq.ft.	Supply Air:	55 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	5.7 AC/hr
Volume:	585 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	55 CFM	Percent of Supply.:	0 %
Runout Duct Size:	5 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	406 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	406 ft./min.	Actual Winter Infil.:	5 CFM
Actual Loss:	0.137 in.wg./100 ft.	Actual Summer Infil.:	2 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
W -Wall-12B-0sw 5.8 X 8	40.4	0.097	5.4	219	2.1	0	87
W -Gls-1A-cv-o shgc-0.64 0%S	6	0.900	50.4	302	72.0	0	432
UP-Ceil-16BR-19 5.8 X 12.6	73.1	0.049	2.7	201	2.4	0	172
Floor-19A-0cp 12.6 X 5.8	73.1	0.295	6.2	454	1.4	0	105
Subtotals for Structure:				1,176		0	796
Infil.: Win.: 4.5, Sum.: 2.4	46		5.970	277	0.733	63	34
Ductwork:				261			153
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				1,714		263	1,213

Detailed Room Loads - Room 12 - Stairs (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	7.0 ft.	System Number:	1
Room Width:	12.6 ft.	Zone Number:	1
Area:	88.2 sq.ft.	Supply Air:	93 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	7.9 AC/hr
Volume:	706 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	93 CFM	Percent of Supply.:	0 %
Runout Duct Size:	6 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	472 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	472 ft./min.	Actual Winter Infil.:	5 CFM
Actual Loss:	0.143 in.wg./100 ft.	Actual Summer Infil.:	3 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
W -Wall-12B-0sw 7 X 8	41	0.097	5.4	223	2.1	0	88
W -Gls-1A-cv-o shgc-0.64 0%S	15	0.900	50.4	756	72.1	0	1,081
UP-Ceil-16BR-19 7 X 12.6	88.2	0.049	2.7	242	2.4	0	207
Floor-19A-0cp 12.6 X 7	88.2	0.295	6.2	547	1.4	0	127
Subtotals for Structure:				1,768		0	1,503
Infil.: Win.: 5.4, Sum.: 2.9	56		5.964	334	0.732	76	41
Ductwork:				378			257
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				2,480		276	2,031

Detailed Room Loads - Room 13 - Bedroom 3 (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	11.0 ft.	System Number:	1
Room Width:	12.6 ft.	Zone Number:	1
Area:	138.6 sq.ft.	Supply Air:	102 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	5.5 AC/hr
Volume:	1,109 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	102 CFM	Percent of Supply.:	0 %
Runout Duct Size:	7 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	382 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	382 ft./min.	Actual Winter Infil.:	18 CFM
Actual Loss:	0.076 in.wg./100 ft.	Actual Summer Infil.:	10 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
N -Wall-12B-0sw 12.6 X 8	70.8	0.097	5.4	385	2.1	0	152
W -Wall-12B-0sw 11 X 8	88	0.097	5.4	478	2.1	0	189
N -Gls-1A-cv-o shgc-0.64 100%S (2)	30	0.900	50.4	1,512	24.1	0	722
UP-Ceil-16BR-19 11 X 12.6	138.6	0.049	2.7	380	2.4	0	326
Floor-19A-0cp 12.6 X 11	138.6	0.295	6.2	860	1.4	0	200
Subtotals for Structure:				3,615		0	1,589
Infil.: Win.: 18.3, Sum.: 9.6	189		5.959	1,125	0.726	257	137
Ductwork:				852			283
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				5,592		457	2,239

Detailed Room Loads - Room 14 - WIC 1 (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	5.0 ft.	System Number:	1
Room Width:	5.5 ft.	Zone Number:	1
Area:	27.5 sq.ft.	Supply Air:	31 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	8.4 AC/hr
Volume:	220 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	31 CFM	Percent of Supply.:	0 %
Runout Duct Size:	4 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	354 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	354 ft./min.	Actual Winter Infil.:	4 CFM
Actual Loss:	0.143 in.wg./100 ft.	Actual Summer Infil.:	2 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
N -Wall-12B-0sw 5.5 X 8	38	0.097	5.4	206	2.1	0	81
N -Gls-1A-cv-o shgc-0.64 100%S	6	0.900	50.4	302	24.0	0	144
UP-Ceil-16BR-19 5 X 5.5	27.5	0.049	2.7	75	2.4	0	65
Floor-19A-0cp 5.5 X 5	27.5	0.295	6.2	171	1.4	0	40
Subtotals for Structure:				754		0	330
Infil.: Win.: 4.3, Sum.: 2.2	44		5.955	262	0.727	60	32
Ductwork:				183			86
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				1,199		260	678

Detailed Room Loads - Room 15 - WIC 2 (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.		Occurrences:	1	
Room Length:	5.0	ft.	System Number:	1	
Room Width:	5.5	ft.	Zone Number:	1	
Area:	27.5	sq.ft.	Supply Air:	37	CFM
Ceiling Height:	8.0	ft.	Supply Air Changes:	10.1	AC/hr
Volume:	220	cu.ft.	Req. Vent. Clg:	0	CFM
Number of Registers:	1		Actual Winter Vent.:	0	CFM
Runout Air:	37	CFM	Percent of Supply.:	0	%
Runout Duct Size:	5	in.	Actual Summer Vent.:	0	CFM
Runout Air Velocity:	271	ft./min.	Percent of Supply:	0	%
Runout Air Velocity:	271	ft./min.	Actual Winter Infil.:	8	CFM
Actual Loss:	0.062	in.wg./100 ft.	Actual Summer Infil.:	4	CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
N -Wall-12B-0sw 5.5 X 8	38	0.097	5.4	206	2.1	0	81
E -Wall-12B-0sw 5 X 8	40	0.097	5.4	217	2.1	0	86
N -Gls-1A-cv-o shgc-0.64 100%S	6	0.900	50.4	302	24.0	0	144
UP-Ceil-16BR-19 5 X 5.5	27.5	0.049	2.7	75	2.4	0	65
Floor-19A-0cp 5.5 X 5	27.5	0.295	6.2	171	1.4	0	40
Subtotals for Structure:				971		0	416
Infil.: Win.: 8.2, Sum.: 4.3	84		5.964	501	0.726	115	61
Ductwork:				265			102
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				1,737		315	809

Detailed Room Loads - Room 16 - Bedroom 2 (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	12.8 ft.	System Number:	1
Room Width:	11.0 ft.	Zone Number:	1
Area:	140.8 sq.ft.	Supply Air:	110 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	5.9 AC/hr
Volume:	1,126 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	110 CFM	Percent of Supply.:	0 %
Runout Duct Size:	7 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	412 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	412 ft./min.	Actual Winter Infil.:	10 CFM
Actual Loss:	0.088 in.wg./100 ft.	Actual Summer Infil.:	5 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
E -Wall-12B-0sw 12.8 X 8	87.4	0.097	5.4	475	2.1	0	187
E -Gls-1A-cv-o shgc-0.64 0%S	15	0.900	50.4	756	72.1	0	1,081
UP-Ceil-16BR-19 12.8 X 11	140.8	0.049	2.7	386	2.4	0	331
Floor-19A-0cp 11 X 12.8	140.8	0.295	6.2	874	1.4	0	203
Subtotals for Structure:				2,491		0	1,802
Infil.: Win.: 9.9, Sum.: 5.2	102		5.957	610	0.723	140	74
Ductwork:				557			305
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				3,658		340	2,411

Detailed Room Loads - Room 17 - Bath 3 (Average Load Procedure)

General

Calculation Mode:	Htg. & clg.	Occurrences:	1
Room Length:	11.0 ft.	System Number:	1
Room Width:	10.4 ft.	Zone Number:	1
Area:	114.4 sq.ft.	Supply Air:	69 CFM
Ceiling Height:	8.0 ft.	Supply Air Changes:	4.5 AC/hr
Volume:	915 cu.ft.	Req. Vent. Clg:	0 CFM
Number of Registers:	1	Actual Winter Vent.:	0 CFM
Runout Air:	69 CFM	Percent of Supply.:	0 %
Runout Duct Size:	6 in.	Actual Summer Vent.:	0 CFM
Runout Air Velocity:	351 ft./min.	Percent of Supply:	0 %
Runout Air Velocity:	351 ft./min.	Actual Winter Infil.:	8 CFM
Actual Loss:	0.080 in.wg./100 ft.	Actual Summer Infil.:	4 CFM

Item Description	Area Quantity	-U- Value	Htg HTM	Sen Loss	Clg HTM	Lat Gain	Sen Gain
E -Wall-12B-0sw 10.4 X 8	77.2	0.097	5.4	419	2.1	0	165
E -Gls-1A-cv-o shgc-0.64 0%S	6	0.900	50.4	302	72.0	0	432
UP-Ceil-16BR-19 11 X 10.4	114.4	0.049	2.7	314	2.4	0	269
Floor-19A-0cp 10.4 X 11	114.4	0.295	6.2	710	1.4	0	165
Subtotals for Structure:				1,745		0	1,031
Infil.: Win.: 8.1, Sum.: 4.2	83		5.962	496	0.721	113	60
Ductwork:				403			191
People: 200 lat/per, 230 sen/per:	1					200	230
Room Totals:				2,644		313	1,512

System 1 Room Load Summary

No	Room Name	Area SF	Htg Sens Btuh	Min Htg CFM	Run Duct Size	Run Duct Vel	Clg Sens Btuh	Clg Lat Btuh	Min Clg CFM	Act Sys CFM
---Zone 1---										
1	Foyer	70	3,136	41	1-5	365	1,091	426	50	50
2	Bath 1	70	1,485	19	1-5	340	1,018	266	46	46
3	Stairs	91	1,514	20	1-4	324	620	286	28	28
4	Great Room	239	7,142	93	2-6	358	3,081	785	141	141
5	Dining Room	121	5,139	67	2-5	436	2,607	670	119	119
6	Kitchen	121	2,695	35	1-6	412	1,772	535	81	81
7	Pantry	42	304	4	1-4	174	332	200	15	15
8	Bedroom 4	125	5,703	74	2-6	424	3,653	524	167	167
9	Master Bedroom	223	7,217	94	2-6	410	3,527	732	161	161
10	WIC	46	1,974	26	1-5	277	826	351	38	38
11	Master Bath	73	1,714	22	1-5	406	1,213	263	55	55
12	Stairs	88	2,480	32	1-6	472	2,031	276	93	93
13	Bedroom 3	139	5,592	73	1-7	382	2,239	457	102	102
14	WIC 1	28	1,199	16	1-4	354	678	260	31	31
15	WIC 2	28	1,737	23	1-5	271	809	315	37	37
16	Bedroom 2	141	3,658	48	1-7	412	2,411	340	110	110
17	Bath 3	114	2,644	34	1-6	351	1,512	313	69	69
	Duct Latent							840		
	System 1 total	1,759	55,332	721			29,419	7,839	1,342	1,342

System 1 Main Trunk Size: 12x19 in.
Velocity: 848 ft./min
Loss per 100 ft.: 0.098 in.wg

Cooling System Summary

	Cooling Tons	Sensible/Latent Split	Sensible Btuh	Latent Btuh	Total Btuh
Net Required:	3.10	79% / 21%	29,419	7,839	37,258
Actual:	3.42	75% / 25%	30,750	10,250	41,000

Equipment Data

	Heating System	Cooling System
Type:	Natural Gas Furnace	Standard Air Conditioner
Model:	N92ESN0802120A	R4A342(A,G)KH*
Indoor Model:		
Brand:	Arcoaire	
Description:	Natural Gas or Propane Furnace	
Efficiency:	92.1 AFUE	13 SEER
Sound:	0	0
Capacity:	80000 Btuh	41000 Btuh
Sensible Capacity:	n/a	30,750 Btuh
Latent Capacity:	n/a	10,250 Btuh
AHRI Reference No.:	n/a	10204976

This system's equipment was selected in accordance with ACCA Manual S.
Manual S equipment sizing data: SODB: 88F, SOWB: 74F, WODB: 14F, SIDB: 75F, SIRH: 50%, WIDB: 70F, Sen. gain: 29,419 Btuh, Lat. gain: 7,839 Btuh, Sen. loss: 55,332 Btuh, Entering clg. coil DB: 75F, Entering clg. coil WB: 62.5F, Entering htg. coil DB: 70F, Clg. coil TD: 20F, Htg. coil TD: 70F, Req. clg. airflow: 1342 CFM, Req. htg. airflow: 721 CFM

Arcoaire®
Air Conditioning & Heating

N92ESN
Product Specifications

Up to 92.1% AFUE, Single-Stage, Multi-Speed ECM, Gas Furnace

EASIER TO SELL

- Up to 92.1% AFUE in upflow, horizontal, and downflow positions
- Single-stage gas valve and fixed-speeds, constant torque ECM.
- Cabinet air leakage less than 2.0% at 1.0 in. W.C. and cabinet air leakage less than 1.4% at 0.5 in. W.C. when tested in accordance with ASHRAE standard 193
- Approved for Twinning applications with accessory kit (601714, 801716, 802120, 1002120, 1202420 models, only).
- Approved for Manufactured Housing/Mobile Home applications with accessory (order separately)
- NOx emissions less than 40 ng/J; can be installed in California air quality management districts with a 40 ng/J NOx emission limit.

TOUGHER

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ® primary heat exchanger
- Stainless steel secondary heat exchanger
- High temperature limit control designed to prevent overheating
- Direct ignition with Silicon Nitride ignitor
- High quality, corrosion-resistant, prepainted steel cabinet

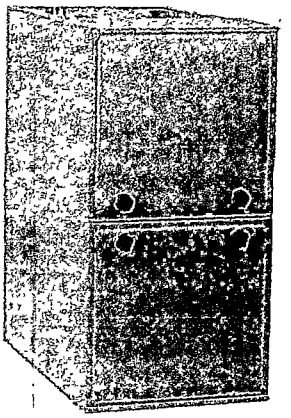
EASIER TO INSTALL AND SERVICE

- Direct vent (2-pipe), single-pipe venting or ventilated combustion air
- 24 VAC humidifier terminal & electronic air cleaner terminal
- 35" (889mm) high, for ease of installation
- Simplified, factory installed internal condensate drain system
- Quarter turn knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position – upflow/downflow/horizontal (left/right) installation
- Twelve different venting configurations
- Through the casing flue pipe for counterflow or horizontal applications with accessory (order separately)
- Concentric vent available
- Self diagnostics with super bright LED
- Slide out heat exchanger and blower assembly

LIMITED WARRANTY *

- 20 year heat exchanger limited warranty
- 5 year parts limited warranty
  - With timely registration, an additional 5 year parts limited warranty

* For residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.



Illustrations and photographs are only representative. Some product models may vary.

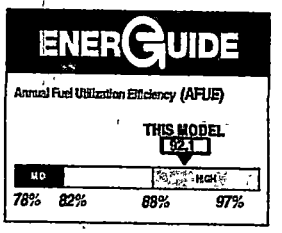
⚠ WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD

Failure to follow this warning could result in personal injury, death, and/or property damage.

This furnace is not designed for use in recreation vehicles or outdoors. This furnace is designed for use in manufactured (Mobile) homes when an optional Mobile Home accessory kit is installed.

Failure to follow this warning could result in personal injury, death, and/or property damage.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

Model Number	Input (BTUH)	Efficiency AFUE Upflow/ Hz	Efficiency AFUE Downflow	Cooling Capacity CFM range @ .5 In. w.c. (125 Pa)	Dimensions H x W x D Inches (Millimeters)	Shipping Wt. Lbs (Kg)
N92ESN0401410A	40,000	92.1%	92.1%	290 - 985	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	112 (50.8)
N92ESN0401712A	40,000	92.1%	92.1%	350 - 985	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	122.5 (55.6)
N92ESN0601412A	60,000	92.1%	92.1%	450 - 1035	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	122 (55.3)
N92ESN0601714A	60,000	92.1%	92.1%	535 - 1190	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	132 (59.9)
N92ESN0801716A	80,000	92.1%	92.1%	450 - 1365	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	142 (64.4)
N92ESN0802120A	80,000	92.1%	92.1%	940 - 1815	35 x 21 x 29-1/2 (889 x 533 x 750)	150 (68.0)
N92ESN1002120A	100,000	92.1%	92.1%	945 - 1850	35 x 21 x 29-1/2 (889 x 533 x 750)	160 (72.6)
N92ESN1002122A	100,000	92.1%	92.1%	1285 - 2045	35 x 21 x 29-1/2 (889 x 533 x 750)	162 (73.7)
N92ESN1202420A	120,000	92.1%	92.1%	805 - 1850	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	183 (83.0)

R4A3

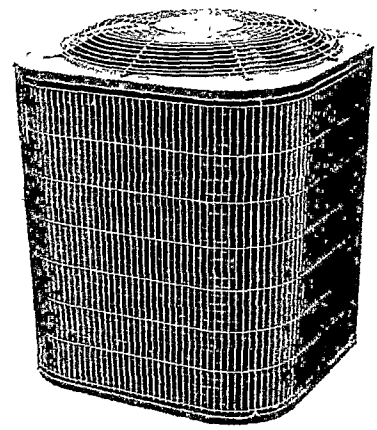
Product Specifications

EFFICIENT 13 SEER AIR CONDITIONER

ENVIRONMENTALLY BALANCED R-410A REFRIGERANT

1-1/2 THRU 5 TONS SPLIT SYSTEM

208/230 Volt, 1-phase, 60 Hz



REFRIGERATION CIRCUIT
- Scroll compressors on all models
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE
- Easy Access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST
- Pre-painted cabinet finish over galvanized steel
- Models available with coated inlet grille with 2" (51mm) spacing or with 3/8" (10mm) spacing for extra protection

LIMITED WARRANTY*
- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
  - With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

* For residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.

c UL us LISTED

AHRI CERTIFIED™ www.ahridirectory.org

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

Model Number	Size (ton)	Nominal BTU/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions length/width(sq.) x height in. (mm)	Ship / Operating Weight lbs.(kg)
R4A318AKH R4A318GKH	1-1/2	18,000	11.8	20	23-1/8 x 24-7/8 (587 x 632)	124 / 108 (56 / 49)
R4A324AKH R4A324GKH	2	24,000	14.3	25	23-1/8 x 24-7/8 (587 x 632)	127 / 107 (58 / 49)
R4A330AKH R4A330GKH	2-1/2	30,000	16.6	25	25-3/4 x 28-11/16 (654 x 729)	149 / 126 (68 / 57)
R4A336AKH R4A336GKH	3	36,000	18.1	30	31-3/16 x 24-7/8 (792 x 632)	151 / 134 (68 / 61)
→ R4A342AKH R4A342GKH	3-1/2	42,000	23.5	40	31-3/16 x 31-11/16 (792 x 804)	186 / 172 (85 / 78)
R4A348AKH R4A348GKH	4	48,000	24.3	40	31-3/16 x 35-1/16 (792 x 891)	205 / 175 (93 / 79)
R4A360AKH R4A360GKH	5	60,000	34.4	50	31-3/16 x 28-1/4 (792 x 718)	218 / 203 (99 / 92)

OCEAN COUNTY SOIL CONSERVATION DISTRICT

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

OCEAN COUNTY SOIL
NOV 02 2022
CONSERVATION DISTRICT

REQUEST FOR DETERMINATION OF NON-APPLICABILITY
****IMPORTANT – READ ALL INFORMATION CAREFULLY****

E-5190

Applicant/Owner: DRM CONSTRUCTION	Project Address: 861 Glenwood Place
Address: 3 MARBIL AVE.	Project Municipality: Brick
City, State, Zip: TOMS RIVER, NJ 08753	Block (s) 590
Phone: 732-644-4895	Lots (s) 6
Fax:	Email: DRMCONSTRUCTIONLP@GMAIL.com

A SIGNED AND SEALED PLOT PLAN OR SITE PLAN SHOWING THE TOTAL AREA OF SOIL / SURFACE DISTURBANCE MUST BE SUBMITTED ALONG WITH THIS REQUEST.

Note: N.J.S.A. 4:24-41 (d) – "Disturbance" means any activity involving the clearing, excavation, storing, grading, filling or transporting of soil or any other activity which causes soil to be exposed to the danger of erosion. (Area of disturbance must be indicated on the plan and include building footprint, driveways, parking areas, sidewalks, utilities, grading, staging/stockpiling areas, etc.)

I, the undersigned, request that the subject land disturbance be reviewed for determination of non-applicability of the NJ Soil Erosion and Sediment Control Act, P.L. 1975 (N.J.S.A. 4:24 - et seq.) based on the following activity for total soil / surface disturbance of less than 5,000 square feet:

Project Description *(Check all that apply):*

- [x] New Construction of a single-family dwelling
- [ ] Renovation/addition &/or house raise
- [ ] Commercial construction/site plan
- [ ] Demolition
- [ ] Grading/Excavation &/or Stockpiling
- [ ] Agriculture (crop farming- including orchards) or horticulture. This applies only to cultivation. It does not apply to construction of buildings/greenhouses which require a construction permit or site plan review, unless the structure is part of a farm conservation plan in accordance with NJAC 2:90-1.8- 9 a & b). Submit a copy of the farm conservation plan that conforms with NRCS standards and clearly showing included areas. The fee will be waived for this exception.

A $150.00 NON-REFUNDABLE project non-applicability determination fee is required, made payable to the Ocean County Soil Conservation District (OCSCD).

I understand and agree that if the activity I propose changes from the specifications denoted in this application, it will render this exemption void. A re-assessment will be made by the District.
TOTAL SOIL DISTURBANCE 2,768 **sq. ft*** (*Clearly denoted on submitted plot/site plan.)

Applicant's Signature [signature] Date 10/31/2022

****************************** **DISTRICT USE ONLY** **

Verification of Non-Applicability – Whereas, the owner has certified, in writing, that they are engaging in the above referenced exempt activity, and, therefore, a certified Soil Erosion and Sediment Control application will not be required by the Ocean County Soil Conservation District.

District Official: [signature] Date: 11/15/22 Approved ✓ Denied ____

Reason for Denial: ______________________________

Healthy Soil is at the Root of Everything!

TOWNSHIP OF BRICK

DEBRIS FORM

WORK SITE ADDRESS: 861 Glenwood Place, Brick, NJ 08723

BLOCK: 590 **LOT:** 6

CONTRACTOR: DRM construction LLP

CONTRACTOR'S ADDRESS: 3 Marbil Avenue, Toms River, NJ 08757

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

Type of Debris (shingles, siding, wood, etc.): wood, siding, shingles

Party responsible for removal: ALCO Disposal

Dumpster Size: 30 YD

Destination of Debris: Manchester Landfill

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."

DRM construction LLP

By Member Rafael Pimentel
Signature

4/7/22
Date

Rafael Pimentel
Print Name

HOME BUYERS WARRANTY

09/27/2022

DRM Construction L.P.
3 Marbil Avenue
Toms River, NJ 08753

Member Number: NJ-8805-6177-HW-
NJ Builder Registration #: 49743
HBW Expiration Date: 09/27/2023

Dear Manuel Leonardo,

Welcome to 2-10 Home Buyers Warranty® (2-10 HBW). We are pleased to inform you that your membership with 2-10 HBW has been approved.

Your warranty rates are the following:

- $2.55 per thousand for the one-year workmanship, two-year systems, and 10-year structural coverage

For any correspondence you have with us, you'll need this unique member number:
8805-6177

As a new member, you'll want to begin enrolling all your homes to provide you, and your customers, the best protection with the industry's most comprehensive warranty. To enroll a home, you will need a Notification of Closing form. Complete the form and return it along with the final warranty fee within fifteen (15) days prior to closing. **To ensure swift processing of your enrollment, be sure that the Certificate of Participation form you receive is signed by both you and your home buyer(s).**

The application can be completed quickly and easily online using your Builder Portal. You can access it from