Prepared For

XYZ Roofing & Siding Company



599 Totowa Drive Totowa, NJ 07812 973-123-1234 www.xyzroofing.com





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REPORT #:

361464

DATE CREATED:

03/22/2023



ROOF TYPE

Slope Type	STEEP-SLOPE
Ruilding Type	RESIDENTIAL

AUTHORITY HAVING JURISDICTION

TOWNSHIP OF LIVINGSTON

MUNICIPAL CONTACT

973.535.7957

www.livingstonnj.org

building@livingstonnj.org

Chief Building Official:

Martin J. Chiarolanzio

SALES TAX

6.625%

CODE ENFORCED

NJAC (2021 IRC) **NJAC** (2021 IECC)

*DATA VERIFIED AS OF: 03/09/2022

IECC DETAILS

Climate Zone	ZONE 4A / MOIST
Wood Frame Wall	R-20 + R-5 OR R-13 + R-10CI OR R-0 + R-15
Ceiling	R-60

PROPERTY DETAILS

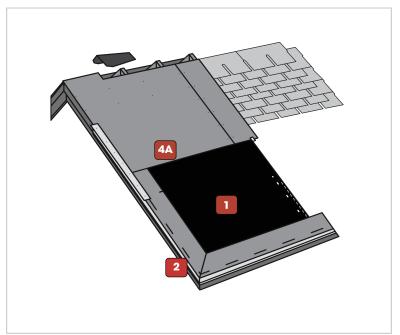
Estimated Value	\$ 2,102,800
Home Size	2050 SF
Date Built	1965
Floors	1

DRONE REGULATIONS

Ceiling	400 FT
Restricted Area	NO
FAA Authorization	YES

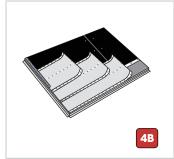
To get enforcement on the various roofing components, i.e. ice and water, drip edge you can access the full code details report or subscription at <u>oneclickcode.com</u> or via App Store or Google Play

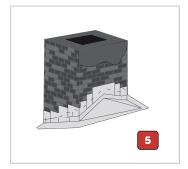




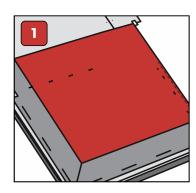








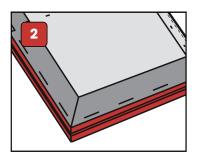
BUILDING CODE



R905.1.2 ICE BARRIERS.

In areas where there has been a history of ice forming along the eaves causing a backup of water as designated in Table R301.2, an ice barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles and wood shakes. The ice barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building. On roofs with slope equal to or greater than 8 units vertical in 12 units horizontal (67-percent slope), the ice barrier shall also be applied not less than 36 inches (914 mm) measured along the roof slope from the eave edge of the building.

Exception: Detached accessory structures not containing conditioned floor area.



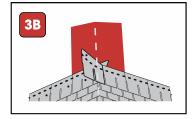
R905.2.8.5 DRIP EDGE.

A drip edge shall be provided at eaves and rake edges of shingle roofs. Adjacent segments of drip edge shall be overlapped not less than 2 inches (51 mm). Drip edges shall extend not less than 1/4 inch (6.4 mm) below the roof sheathing and extend up back onto the roof deck not less than 2 inches (51 mm). Drip edges shall be mechanically fastened to the roof deck at not more than 12 inches (305 mm) o.c. with fasteners as specified in Section R905.2.5. Underlayment shall be installed over the drip edge along eaves and under the drip edge along rake edges.





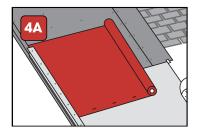




R905.2.8.2 VALLEYS.

Valley linings shall be installed in accordance with the manufacturer's instructions before applying shingles. Valley linings of the following types shall be permitted:

- 1. For open valleys (valley lining exposed) lined with metal, the valley lining shall be not less than 24 inches (610 mm) wide and of any of the corrosion-resistant metals in Table R905.2.8.2.
- 2. For open valleys, valley lining of two plies of mineral-surfaced roll roofing, complying with ASTM D3909 or ASTM D6380 Class M, shall be permitted. The bottom layer shall be 18 inches (457 mm) and the top layer not less than 36 inches (914 mm) wide.
- 3. For closed valleys (valley covered with shingles), valley lining of one ply of smooth roll roofing complying with ASTM D6380 and not less than 36 inches wide (914 mm) or valley lining as described in Item 1 or 2 shall be permitted. Self-adhering polymer-modified bitumen underlayment complying with ASTM D1970 shall be permitted in lieu of the lining material.



R905.1.1 UNDERLAYMENT.

TABLE R905.1.1(2) UNDERLAYMENT APPLICATION - ASPHALT SHINGLES

Underlayment for asphalt shingles, clay and concrete tile, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes, metal roof panels and photovoltaic shingles shall conform to the applicable standards listed in this chapter. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1(1). Underlayment shall be applied in accordance with Table R905.1.1(2). Underlayment shall be attached in accordance with Table R905.1.1(3).

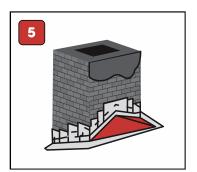
Exceptions:

- 1. As an alternative, self-adhering polymner-modified bitumen bearing a label indicating compliance with ASTM D1970.
- 2. As an alternative, a minimum 4-insh-wide (102 mm) strip of self-adhering polymer-modified bitumen membrane bearing a label indicating compliance with ASTM D1970, installed in accordance with the manufacturer's installation instructions for the deck material, shall be applied over all joints in the roof decking. An approved underlayment comlying with Table R905.1.1(1) for the applicable roof covering. For roof slopes from 2 units vertical in 12 units horizontal (2:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be two layers applied in the following manner:

units horizontal (4:12), underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet. For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied in the following manner: underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches, Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.







R1003.20 CHIMNEY CRICKETS.

Chimneys shall be provided with crickets where the dimension parallel to the ridgeline is greater than 30 inches (762 mm) and does not intersect the ridgeline. The intersection of the cricket and the chimney shall be flashed and counterflashed in the same manner as normal roof-chimney intersections. Crickets shall be constructed in compliance with Figure R1003.20 and Table R1003.20.

BUILDING CODE ENFORCEMENT

R903.1 GENERAL.

Roof decks shall be covered with approved roof coverings secured to the building or structure in accordance with the provisions of this chapter. Roof assemblies shall be designed and installed in accordance with this code and the approved manufacturer's instructions such that the roof assembly shall serve to protect the building or structure.

R104.1 GENERAL.

The building official is hereby authorized and directed to enforce the provisions of this code. The building official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

R904.1 SCOPE.

The requirements set forth in this section shall apply to the application of roof covering materials specified herein. Roof assemblies shall be applied in accordance with this chapter and the manufacturer's installation instructions. Installation of roof assemblies shall comply with the applicable provisions of Section R905.

R202 DEFINITIONS - ROOF ASSEMBLY.

A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and the roof deck. A roof assembly can include an underlayment, thermal barrier, ignition barrier, insulation or vapor retarder. For the definition applicable in Chapter 11, see Section N1101.6.





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123 Main St, USA

as of October 9, 2022





Building:

Roof Footprint: 2,866 ft²

Shape: Hip (100% Confidence)

Material: Asphalt Shingle (98% Confidence)

Spotlights

📫 🔵 Structural Da	amage None	
Missing Shing	gles None	
Tarp	None	
🔛 🔘 Rust	None	
X ○ Patching	None	
Ponding	None	
O Debris	None	
No Overhang	None	



Property Information

Assessment Tax Amount	N/A	Tax Delinquent Year	N/A
Listing Record Status	N/A	RDI Residential Assessment year	N/A
Total Assessed Value	N/A	Year Built	N/A
Car Garage Storage	N/A	Parcel Area Square Feet	25,794
Building Total Area Square Feet	2,866.86	Building Count	1
Lot Size (Acres)	N/A	USPS Building Vacancy	N



Generated: 03/22/2023, Requested Address: 123 Main St, USA

123 Main St, USA





PROPERTY INFO



Owner

Property Use Single Family Residential

Latitude 40.797493

Longitude -74.3254329

Lot 8

Sale

Sale Date 08-02-2016

Sale Amount \$635,000

Tax Assessment Amount \$1,552,400

Tax Assessment Year 2022

Parcel

Acreage 0.583

Acreage sqft. 25,400

Elevation 34.75 ft ©

Primary Structure True ©

Tree Coverage 0% ©

Building

Living Area 2,050 sqft

Garage (0)

Bedrooms 0

Bathrooms 0

Roof Material Shingle ©

Roof Shape Hip ©

Roof Condition Good ©

Roof Solar False ©

The following attributes are not available on this property: Cooling, Heating, Parcel Slope, Pool, Roof Age, Subdivision

SUMMARY

Hail greater than 0.5 Inches was present at the address on 07/03/2014. Wind speeds greater than 55 Miles Per Hour were present at the address on 07/06/2021.

WEATHER REPORT



Туре	Magnitude	Date	Мар
	55 Miles Per Hour	07/06/2021	<u>View Storm</u>
	45 Miles Per Hour	12/24/2020	View Storm
	40 Miles Per Hour	11/30/2020	<u>View Storm</u>
₩IND	40 Miles Per Hour	07/06/2020	<u>View Storm</u>
	40 Miles Per Hour	07/03/2020	<u>View Storm</u>
	65 Miles Per Hour	05/15/2018	<u>View Storm</u>
	75 Miles Per Hour	07/14/2016	<u>View Storm</u>
⇔ HAIL	0.5 Inches	07/03/2014	<u>View Storm</u>
	0.5 Inches	02/04/2014	<u>View Storm</u>
	0.5 Inches	07/18/2012	<u>View Storm</u>
⇔ HAIL	0.5 Inches	08/19/2011	<u>View Storm</u>
⇔ HAIL	0.5 Inches	06/17/2011	View Storm

All reported instances reflect the maximum impact on the specified calendar day. Dates highlighted in green represent severe weather events as defined by the National Weather Service: hail greater than 1" in diameter and wind speeds greater than 58 mph.

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GAF

1 Campus Dr Parsippany-Troy Hills , NJ 07054 9736283918





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Commercial Roofing Report



REPORT #:

361681

DATE CREATED:

03/22/2023

Google ogies, USDA/FPAC/GEO

PROPERTY TYPE

Slope Type	FLAT
Building Type	COMMERCIAI

AUTHORITY HAVING JURISDICTION

BOROUGH OF MADISON

MUNICIPAL CONTACT

SALES TAX

6.625%

New Jersey: 6.625%

PROPERTY DETAILS

Estimated Value \$ 767,900

CODE ADOPTED

NJAC (New Jersey Administrative Cd.)

NJAC (New Jersey Administrative Cd.)

NJAC (New Jersey Administrative Cd.)

2021 IFGC (2021 International Fuel Gas Cd.)

2021 NSPC (2021 National Standard Plumbing Cd. New Jersey Ed.)

2021 IMC (2021 International Mechanical Cd.)

2020 NEC (2020 National Electrical Cd.)

IECC DETAILS

Insulation Above R-30Cl
Attic/Other R-49
Elevation 370 FT
Climate Zone ZONE 5A / MOIST

TABLE: R301.2 (1)

*DATA VERIFIED AS OF: 12/15/2022

Ground Snow Load		
Seismic Design Category	-	
Winter Design Temperature	NULL° F	
Ice Barrier Underlayment Required		
Flood Hazard	-	
Air Freezing Index	-	
Mean Annual Temperature	NANº F	

Wind Design	
Speed (MPH)	
Topographics Effects	
Wind-Borne Debris Zo	one

Subject To Damage From

Frost Line Depth NULL
Termite Decay

To get enforcement on the various roofing components, i.e. ice and water, drip edge you can access the full code details report or subscription at <u>oneclickcode.com</u> or via App Store or Google Play



Commercial Roofing Report



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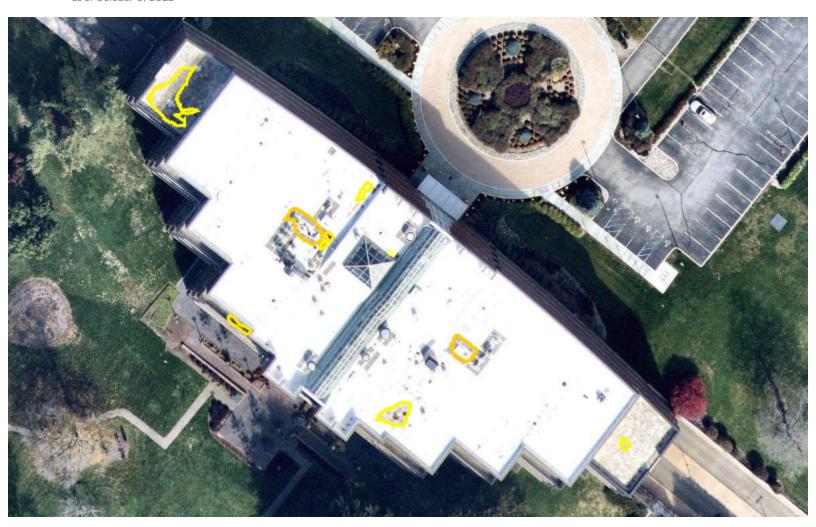
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123 Main St, USA

as of October 6, 2022





Building: 1

Roof Footprint: 30,506 ft²

Shape: Flat (100% Confidence)

Material: Roof Coating (76% Confidence)

Spotlights

🚹 🌑 Structural Damage	None
Tarp	None
Rust	None
X O Patching	Moderate (1%, 328 ft²)
Ponding	Moderate (0%, 51 ft²)
★ ○ Staining	Minor (2%, 581 ft ²)
Debris	Moderate (0%, 4 ft ²)
Overhang	None



Property Information

Assessment Tax Amount	N/A	Tax Delinquent Year	N/A
Listing Record Status	N/A	RDI Residential Assessment year	N/A
Total Assessed Value	N/A	Year Built	N/A
Car Garage Storage	N/A	Parcel Area Square Feet	1,077,247
Building Total Area Square Feet	30,506.37	Building Count	1
Lot Size (Acres)	N/A	USPS Building Vacancy	N



Generated: 03/22/2023, Requested Address: 123 Main St, USA

123 Main St, USA





PROPERTY INFO



Parcel

Building	

Sale

The following attributes are not available on this property: Acreage, Acreage SqFt., Bathrooms, Bedrooms, Cooling, Elevation, Garage, Heating, Living Area, Lot, Parcel Slope, Pool, Primary Structure, Property Use, Roof Age, Roof Condition, Roof Material, Roof Shape, Roof Solar, Sale Amount, Sale Date, Subdivision, Tax Assessment Amount, Tax Assessment Year, Tree Coverage

SUMMARY

Hail greater than 0.5 Inches was present at the address on 07/06/2020. Wind speeds greater than 60 Miles Per Hour were present at the address on 03/07/2022.

WEATHER REPORT



Туре	Magnitude	Date	Мар
	60 Miles Per Hour	03/07/2022	View Storm
	40 Miles Per Hour	12/24/2020	View Storm
	45 Miles Per Hour	11/15/2020	View Storm
HAIL	0.5 Inches	07/06/2020	View Storm
	55 Miles Per Hour	07/06/2020	View Storm
	50 Miles Per Hour	07/03/2020	View Storm
	70 Miles Per Hour	10/31/2019	View Storm
	55 Miles Per Hour	08/22/2019	View Storm
	40 Miles Per Hour	08/03/2018	View Storm
	40 Miles Per Hour	03/02/2018	View Storm
	40 Miles Per Hour	08/22/2017	View Storm
HAIL	0.5 Inches	03/14/2017	View Storm
	75 Miles Per Hour	07/14/2016	View Storm
HAIL	0.5 Inches	07/03/2014	View Storm
	0.75 Inches	03/30/2014	View Storm
	0.5 Inches	02/04/2014	View Storm
	0.5 Inches	07/18/2012	View Storm
	0.75 Inches	08/19/2011	<u>View Storm</u>

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