

Bradders Property Inspections 59 Sounders Trail Circle, Ormond Beach, Fl 32174 Rhett Bradley, Inspector #HI12066

COMMERCIAL WINDSTORM MITIGATION INSPECTION REPORT

FOR: Ocean Palm Villa North
HOA,
September 10, 2024

Inspection address: Ocean Palm Villas North Flagler Beach, Florida

Weather: Partly Cloudy, 88 degrees F, intermittent rain showers, winds 22 mph

Time: 10:00 am

Description:

Complex consists of eight (8) independent structures with a total of 46 separate condominium units that are similar in construction whereas the front entry door is through the garage to a secondary door to the unit. The unit itself is a two-bedroom two bathroom home. The complex is divided into three phases – Buildings 1,2 and 3 (Ocean Palm Villas I) Buildings 4,5, and 6 (Ocean Palm Villas II) Buildings 7, and 8 (Ocean Palm Villas II) and Seven of the eight buildings were built in 1979 with the eighth building (building 5) constructed in 2011 (according to Flagler County records).

At the time of the inspection the weather conditions limited the ability to walk all roof areas, but all were visually inspected. There is no access to the underside of any roof areas therefore we were unable to assess the concrete roof conditions.

All the structures have Mansard designed roofs with Synthetic Spanish Barrel Roof tiles on the steep elevation. The flat roofs coverings vary from structure to structure; therefore, each has its own mitigation report, but are consistent with concrete roof and some tar and gravel build- up as original roofing.

All the garage doors are designed the same throughout with a low impact assembly and attachment. Several of the units in buildings 1,2, and 3 (Ocean Palm Villas I) have roll down storm shutters installed, but not all of them, thereby reducing the overall protection level of the structures. The front doors are all non-glazed and impact rated doors with an exterior storm door attached.

FLAGLER COUNTY PROPERTY APPRAISER

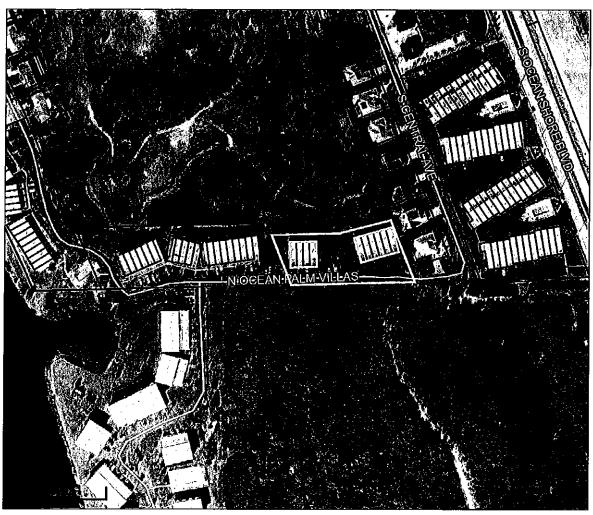


Legend
Parcels
Roads
Streams and Rivers

Date created: 9/10/2024 Last Data Uploaded: 9/10/2024 7:50:21 AM

Developed by Schneider GEOSPATIAL

FLAGLER COUNTY PROPERTY APPRAISER



Overview

Legend
Parcels
Roads

Streams and Rivers

Parcel ID 30-12-32-4875-000000001
Prop ID 86219
Class Code COMMON
AREA/ELEMENTS
Taxing 21
District

GIS sqft

21 Physical Address 28,915.421

OCEAN PALM VILLAS III PLAT BOOK 16 PG 1 DEC OF CONDO OR 47 PG 671 COMMON AREA

n/a

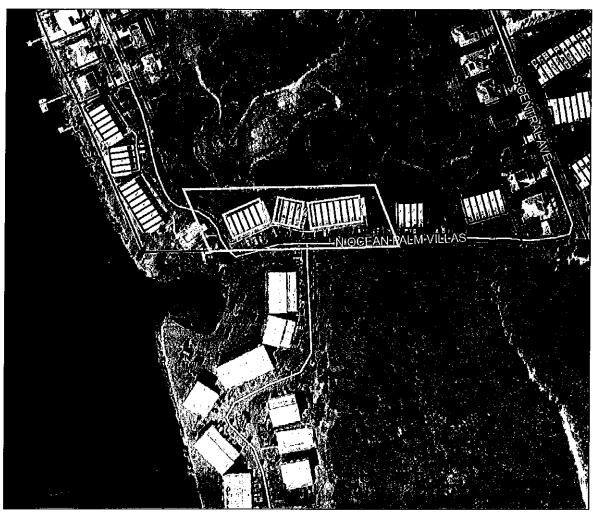
Owner

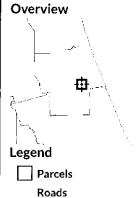
Land Value \$0 Last 2 Sales Ag Land \$0 Date Price Reason Qual Value 0 n/a n/a n/a Building \$0 n/a 0 n/a Value Misc Value \$0 Just Value \$0 Assessed \$0 Value Exempt \$0 Value Taxable \$0 Value

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FLAGLER COUNTY PROPERTY APPRAISER





Streams and Rivers

Parcel ID	30-12-32-4850-00000-
	0001
Prop ID	86199
Class Code	COMMON
	AREA/ELEMENTS
Taxing	21

	AREA/ELEMENTS	
Taxing	21	Physical
District		Address
GIS sqft	51,928.17 1	

OCEAN PALM VILLAS II
PLAT BOOK 11 PG 27
DEC OF CONDO OR 42 PG 60
COMMON AREA

,
n/a

Owner

Land Value	40	Last 2	Calaa		
Land value	ֆU	Last 2	Sales		
Ag Land	\$0	Date	Price	Reason	Qual
Value		n/a	0	n/a	n/a
Building	\$0	n/a	0	n/a	n/a
Value					
Misc Value	\$0				
Just Value	\$0				
Assessed	\$0				
Value					
Exempt	\$0				
Value					
Taxable	\$0				
Value					

Date created: 9/10/2024 Last Data Uploaded: 9/10/2024 7:50:21 AM



REASSESSMENT

OF MITIGATION

FEATURES BY

BUILDING

(OIR-B1-1802)

Building 1

1. Building Code: Unknown or does not meet the requirements of A or B

The year of construction was verified as 1979 by the Flagler County Property Appraisers website

- 2. Roof Covering: Polyurethane spray foam with silicone sealer upper level
 - Rolled Bitinum on lower level
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: Not applicable
- 5. Roof Geometry: **Hip roof**
- 6. Inspector verified Mansard style roof
- 7. SWR: N/A (or none)
 - 1. A secondary water resistance barrier is not applicable in this type of roofing
- 8. Opening Protection:
 - a. There are several glazed coverings that are uncovered.
 - b. The garage doors meet low impact certification.
 - c. Skylights are non-impact rated

Building 2

1. Building Code: Unknown or does not meet the requirements of A or B

- 2. Roof Covering: Polyurethane spray foam with silicone sealer upper level
 - TPO (thermoplastic polyolofin) lower level
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: Not applicable
- 5. Roof Geometry: **Hip roof**
 - a. Inspector verified Mansard style roof
- 6. SWR: N/A (or none)
 - a secondary water resistance barrier is not applicable in this type of roofing

- 7. Opening Protection:
 - a. There are several glazed coverings that are uncovered.
 - b. The garage doors meet low impact certification.
- 8. C. Skylights are non-impact rated

Building 3

1. Building Code: Unknown or does not meet the requirements of A or B

The year of construction was verified as 1979 by the Flagler County Property Appraisers website

- 2. Roof Covering: TPO (thermoplastic polyolofin) upper and lower
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: Not applicable
- 5. Roof Geometry: **Hip roof**
 - i. Inspector verified Mansard style roof
- 6. SWR: N/A (or none)
 - a secondary water resistance barrier is not applicable in this type of roofing
- 7. Opening Protection:
 - a. There are several glazed coverings that are uncovered.
 - b. The garage doors meet low impact certification.
 - c. Skylights are non-impact rated

Building 4

1. Building Code: Unknown or does not meet the requirements of A or B

- 2. Roof Covering: TPO (thermoplastic polyolofin) upper and lower
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: **Not applicable**
- 5. Roof Geometry: **Hip roof**
 - i. Inspector verified Mansard style roof
- 6. SWR: N/A (or none)
 - a secondary water resistance barrier is not applicable in this type of roofing

- 7. Opening Protection:
 - a. There are no covered glazed openings
 - b. The garage doors meet low impact certification.
 - c. Skylights are non-impact rated

Building 5

1. Building Code: A – Structure built in compliance with FBC 2001 or later

The year of construction was verified as 2011 by the Flagler County Property Appraisers website

- 2. Roof Covering: TPO (Rolled Bitinum) upper and lower
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: Not applicable
- 5. Roof Geometry: **Hip roof**
 - i. Inspector verified Mansard style roof
- 6. SWR: N/A (or none)
 - a secondary water resistance barrier is not applicable in this type of roofing
- 7. Opening Protection:
 - a. There are no covered glazed openings
 - b. The garage doors meet low impact certification.
 - c. Skylights are impact rated

Building 6

1. Building Code:: Unknown or does not meet the requirements of A or B

- 2. Roof Covering: **TPO (thermoplastic polyolofin) upper**Rolled Bitinum Lower
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: **Not applicable**
- 5. Roof Geometry: **Hip roof**
 - i. Inspector verified Mansard style roof
- 6. SWR: N/A (or none)
 - a secondary water resistance barrier is not applicable in this type of roofing
- 7. Opening Protection:
 - b. There are no covered glazed openings
 - c. The garage doors meet low impact certification.
 - d. Skylights are impact rated

Building 7

1. Building Code:: Unknown or does not meet the requirements of A or B

The year of construction was verified as 1979 by the Flagler County Property Appraisers website

- 2. Roof Covering: TPO (thermoplastic polyolofin) upper Rolled Bitinum Lower
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: Not applicable
- 5. Roof Geometry: Hip roof
 - i. Inspector verified Mansard style roof
- 6. SWR: N/A (or none)
 - a secondary water resistance barrier is not applicable in this type of roofing
- 7. Opening Protection:
 - a. There are no covered glazed openings
 - b. The garage doors meet low impact certification.
 - c. Skylights are impact rated

Building 8

1. Building Code:: Unknown or does not meet the requirements of A or B

- 2. Roof Covering: TPO (thermoplastic polyolofin) upper Rolled Bitinum Lower
- 3. Roof Deck Attachment: Concrete with Build up
- 4. Roof to Wall attachment: Not applicable
- 5. Roof Geometry: Hip Roof
 - a. Inspector verified Mansard style roof
- 6. SWR: N/A (or none)
 - a secondary water resistance barrier is not applicable in this type of roofing
- 8. Opening Protection:
 - a. There are no covered glazed openings
 - b. The garage doors meet low impact certification.
 - c. Skylights are impact rated

Uniform Mitigation Verification Inspection Form
Maintain a copy of this form and any documentation provided with the insurance policy

Inspection Date: Sep 10, 2024										
Owner Information										
Owner Name: Ocean Palm Villas North HC)A		Contact Person: Dana							
Address: Building 1, Ocean Palm Villas 2			Home Phone:							
City: Flagler Beach	Zip: 32136		Work Phone: 321-352-6	278						
County: Flagler Cell Phone:										
Insurance Company:			Policy #:							
Year of Home: 1979	# of Stories: 2		Email: team@flcoastmg							
NOTE: Any documentation used in valid accompany this form. At least one photog though 7. The insurer may ask additional	graph must accompai	y this form to validate	each attribute marked							
 Building Code: Was the structure built the HVHZ (Miami-Dade or Broward could be a date after 3/1/2002: Building Perm B. For the HVHZ Only: Built in comprovide a permit application with a discount of C. Unknown or does not meet the red Roof Covering: Select all roof covering 	enties), South Florida A E: Year Built 1979 it Application Date appliance with the SFBO late after 9/1/1994: Bu quirements of Answer	Building Code (SFBC-94) For homes built in MMDD/YYYY) C-94: Year Built ilding Permit Applicatio "A" or "B"	4)? 2002/2003 provide a period in the common part of the common part	mit application with 1994, 1995, and 1996						
OR Year of Original Installation/Replace covering identified.	ement OR indicate that	no information was ava								
	Application Date	FBC or MDC Product Approval #	Year of Original Installation or Replacement	No Information Provided for Compliance						
1 Asphalt/Fiberglass Shingle										
5. Membrane	9, 2019 9, 2019	19-1209.50 24-0709.01								
 A. All roof coverings listed above minstallation OR have a roofing permi B. All roof coverings have a Miami-roofing permit application after 9/1/1 C. One or more roof coverings do no D. No roof coverings meet the requir 	t application date on o Dade Product Approva 994 and before 3/1/20 t meet the requirement	r after 3/1/02 OR the root il listing current at time of 02 OR the roof is origin as of Answer "A" or "B"	of is original and built in 2 of installation OR (for the al and built in 1997 or lat	2004 or later. HVHZ only) a						
<u> </u>										
3. Roof Deck Attachment: What is the west Att	OSB) roof sheathing at ong the edge and 12" is, nails, adhesives, other Options B or C below h a minimum thicknes spaced a maximum of	tached to the roof truss/renthe fieldOR- Batten er deck fastening system v. s of 7/16"inch attached to 12" inches in the field	decking supporting wood or truss/rafter spacing th to the roof truss/rafter (sp OR- Any system of screw	shakes or wood at has an equivalent aced a maximum of s, nails, adhesives,						
maximum of 12 inches in the field or C. Plywood/OSB roof sheathing wit 24"inches o.c.) by 8d common nails a decking with a minimum of 2 nails p Any system of screws, nails, adhesiv Inspectors Initials RMB Property Addres	has a mean uplift res h a minimum thicknes spaced a maximum of er board (or 1 nail per es, other deck fastenin	istance of at least 103 ps s of 7/16"inch attached t 6" inches in the fieldC board if each board is ec	sf. to the roof truss/rafter (sp DR- Dimensional lumber/ qual to or less than 6 inch	aced a maximum of Tongue & Groove es in width)OR- ave an equivalent						

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure. OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155 Page 1 of 4

			greater res 2 psf.	sistance than 8d common halls	spaced a maximum of	6 inches in the field or	has a mean upilit resistance of ac-	ieast
	$\overline{\checkmark}$		-	ed Concrete Roof Deck.				
		E.	Other:			_		
		F.	Unknown	or unidentified.				
		G.	No attic a	access.				
4.		et (le or outside corner of the roof			le attachment of hip/valley jacks w	ithin
		A.			plate of wall using nail	s driven at an angle thr	rough the truss/rafter and attached	to
				Metal connectors that do not	meet the minimal con	ditions or requirements	of B, C, or D	
	Mir	im	al conditio	ons to qualify for categories I	B, C, or D. All visible	metal connectors are:	:	
				Secured to truss/rafter with a			•	
							d beam, with less than a ½" gap frefer, and free of visible severe	om
	Ш	В.	Clips	Matal assumations that do not	array tha tau aftl	a a tura a lua ftan		
				position requirements of C or	imum of 1 strap that w	raps over the top of the	truss/rafter and does not meet the	nail
	Ш	C.	Single Wr		- f: lt tht		trace /voften and is seemed with a	
				minimum of 2 nails on the from			truss/rafter and is secured with a sing side.	
		D.	Double W					
					uss/rafter where each s	trap wraps over the top	all frame, or embedded in the bond of the truss/rafter and is secured voposing side, or	
				Metal connectors consisting of both sides, and is secured to the secured to the secure of the secure			truss/rafter, is secured to the wall neach side.	on
		E.	Structural	Anchor bolts structurally	connected or reinforc	ed concrete roof.		
	M			oured Concrete				
	片			or unidentified				
	Ľ	Ħ.	No attic ac	ccess				
5.					-	•	re attached only to the fascia or war or roof geometry classification).	all of
	\checkmark	A.	Hip Roof					
		В.	Flat Roof		5 or more units where	at least 90% of the mai	n roof area has a roof slope of	
		C.	Other Roo	less than 2:12. Roof area of Any roof that does not que			tal roof areasq ft	
6.	Sec	А. В.	SWR (also sheathing dwelling f No SWR	or foam adhesive SWR barries from water intrusion in the eve	lf-adhering polymer m r (not foamed-on insul	odified-bitumen roofin ation) applied as a supp	g underlayment applied directly to	the
Ins	spec	tors	Initials <u>R</u>	RMB Property Address	Building 1, Ocean P	alm Villas 2	Flagler Beach	
%Т	hic ı	, o wi	fication fo	urm is valid for up to five (5):	vears provided no mo	itarial changes have b	aon mada to the structure or	

inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable.

	ening Protection Level Chart	Glazed Openings Non-Glazed Openings					
openi form	an "X" in each row to identify all forms of protection in use for each ing type. Check only one answer below (A thru X), based on the weakes of protection (lowest row) for any of the Glazed openings and indicat	Windows or Entry Doors	Garage Doors	Skylights	Glass Block	Entry Doors	Garage Doors
N/A	eakest form of protection (lowest row) for Non-Glazed openings. Not Applicable- there are no openings of this type on the structure		· ·		~		
···	Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights)		X		X		
A							•
В	Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights)					X	X
С	Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007 Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E					 	
D	330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance						
	Opening Protection products that appear to be A or B but are not verified	Accessed 1997					
N	Other protective coverings that cannot be identified as A, B, or C						
X	No Windborne Debris Protection	X		X			
— — а	. Exterior Openings Cyclic Pressure and 9-lb Large Missile (4.5 lb minimum, with impact resistant coverings or products listed as wind be	orne debris	protecti	on devices	in the p	oroduct a	approval
	ystem of the State of Florida or Miami-Dade County and meet the requal Large Missile Impact" (Level A in the table above).	iirements o	f one of t	he followi	ng for "	Cyclic F	ressure
	Miami-Dade County PA 201, 202, and 203						
	Florida Building Code Testing Application Standard (TAS) 20)1, 202, <u>and</u>	203				
	American Society for Testing and Materials (ASTM) E 1886 a	and ASTM I	E 1996				
	Southern Standards Technical Document (SSTD) 12						
	For Skylights Only: ASTM E 1886 and ASTM E 1996						
	For Garage Doors Only: ANSI/DASMA 115						
	A.1 All Non-Glazed openings classified as A in the table above, or no Non-G	lazed openii	igs exist				
=	A.2 One or More Non-Glazed openings classified as Level D in the table abo X in the table above			d openings	classifie	l as Leve	l B, C, N, o
	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is	n the table al	oove				
o _l in	Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large penings are protected, at a minimum, with impact resistant coverings of the product approval system of the State of Florida or Miami-Dade Cor "Cyclic Pressure and Large Missile Impact" (Level B in the table ab	or products ounty and i	listed as	windborne	debris	protection	
	ASTM E 1886 and ASTM E 1996 (Large Missile – 4.5 lb.)						
	SSTD 12 (Large Missile – 4 lb. to 8 lb.)						
	For Skylights Only: ASTM E 1886 and ASTM E 1996 (Large	Missile - 2	to 4.5 lb.)				
Г	B.1 All Non-Glazed openings classified as A or B in the table above, or no N			kist			
_	B.2 One or More Non-Glazed openings classified as Level D in the table abor in the table above				classified	l as Level	IC, N, or X
	B.3 One or More Non-Glazed openings is classified as Level C, N, or X in the	e table abov	e				
	Exterior Opening Protection- Wood Structural Panels meeting Flowood/OSB meeting the requirements of Table 1609.1.2 of the FBC 20			Glazed ope		re cover	ed with
	C.1 All Non-Glazed openings classified as A, B, or C in the table above, or n	•					
	C.2 One or More Non-Glazed openings classified as Level D in the table about t		=		classified	l as Level	N or X in

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

C.3 One or More Non-Glazed openings is classified as Level N or X in the table above

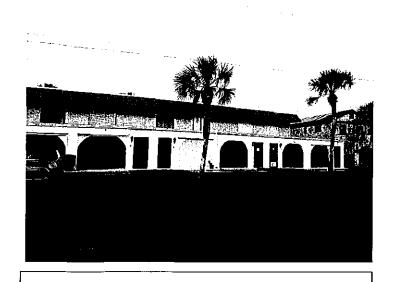
Inspectors Initials RMB Property Address Building 1, Ocean Palm Villas 2

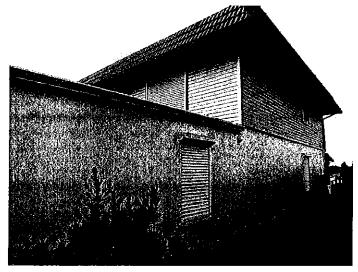
the table above

Flagler Beach

N. Exterior Opening Protection (unverified shutter s protective coverings not meeting the requirements of Ai		
with no documentation of compliance (Level N in the ta		at appear to meet Answer A or B
N.1 All Non-Glazed openings classified as Level A, B, C, o	•	d openings exist
N.2 One or More Non-Glazed openings classified as Level		
table above	1822 1 2 11 1	
N.3 One or More Non-Glazed openings is classified as Leve		
✓ X. None or Some Glazed Openings One or more Glaze	ed openings classified and Level X i	n the table above.
MITIGATION INSPECTIONS MUST B	E CERTIFIED BY A QUALIFIED	INSPECTOR.
Section 627.711(2), Florida Statutes, provi		y sign this form.
Qualified Inspector Name: RHETT M BRADLEY	License Type: Home Inspector	License or Certificate #: HI12066
Inspection Company: Email:	Tiome mapector	Phone:
Bradders Property Inspection Services, LLC	Bradders PIS@gmail.com	386-243-2263
Qualified Inspector - I hold an active license as a	: (check one)	
✓ Home inspector licensed under Section 468.8314, Florida Statute		per of hours of hurricane mitigation
training approved by the Construction Industry Licensing Board	• •	
Building code inspector certified under Section 468.607, Florida		
General, building or residential contractor licensed under Section		
Professional engineer licensed under Section 471.015, Florida St.		
Professional architect licensed under Section 481.213, Florida St		1 10 10 10 10 10
Any other individual or entity recognized by the insurer as posse verification form pursuant to Section 627.711(2), Florida Statutes		perly complete a uniform mitigation
Individuals other than licensed contractors licensed under		
under Section 471.015, Florida Statues, must inspect the str		
Licensees under s.471.015 or s.489.111 may authorize a direction experience to conduct a mitigation verification inspection.	ect employee who possesses the re-	quisite skill, knowledge, and
	17 11 6 141 :	
(print name)	nd I personally performed the ins	pection or (<i>ucensea</i>
contractors and professional engineers only) I had my emplo	oyee () pe	erform the inspection
	(print name of inspe	ctor)
and I agree to be responsible for his/her work.		/> ************************************
Qualified Inspector Signature:	Date: Sep 10	, 2024 ——————————————————————————————————
An individual or entity who knowingly or through gross neg	gligence provides a false or fraudu	llent mitigation verification form is
subject to investigation by the Florida Division of Insurance	Fraud and may be subject to add	ninistrative action by the
appropriate licensing agency or to criminal prosecution. (Se		
certifies this form shall be directly liable for the misconduct performed the inspection.	of employees as if the authorized	mitigation inspector personally
performed the inspection.		
Homeowner to complete: I certify that the named Qualified residence identified on this form and that proof of identification		
Signature: D	• • • • • • • • • • • • • • • • • • • •	•
Signature:	vate:	
An individual or antity who browningly magnides or attacks	folgo ou fuondulant mitigation you	ification form with the intent to
An individual or entity who knowingly provides or utters a obtain or receive a discount on an insurance premium to wl		
of the first degree. (Section 627.711(7), Florida Statutes)		
The definitions on this form are for inspection purposes onl as offering protection from hurricanes.	y and cannot be used to certify an	y product or construction feature
Inspectors Initials RMB Property Address Building	1, Ocean Palm Villas 2	Flagler Beach
		
*This verification form is valid for up to five (5) years provi inaccuracies found on the form.	ded no material changes have bee	n made to the structure or

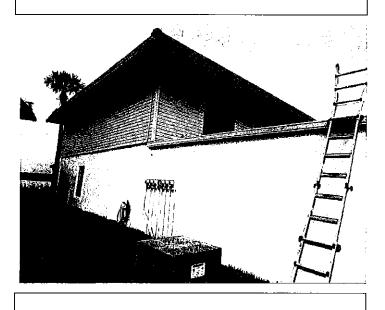
OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155



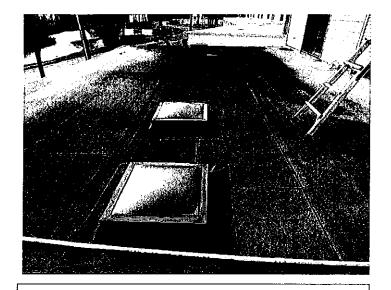


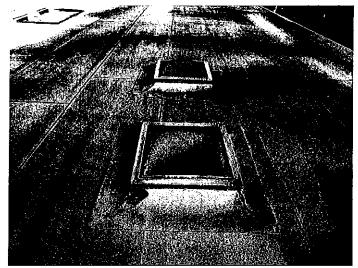




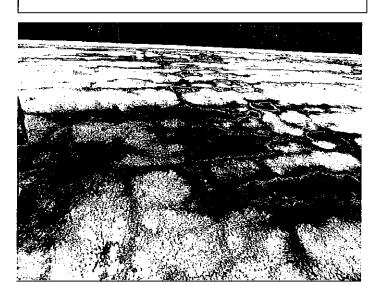


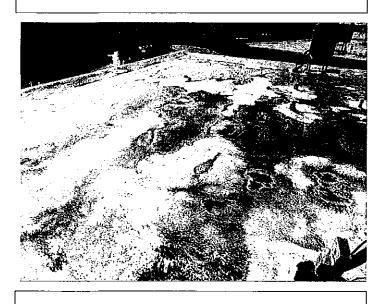


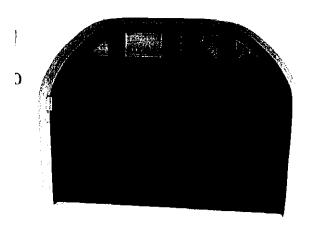


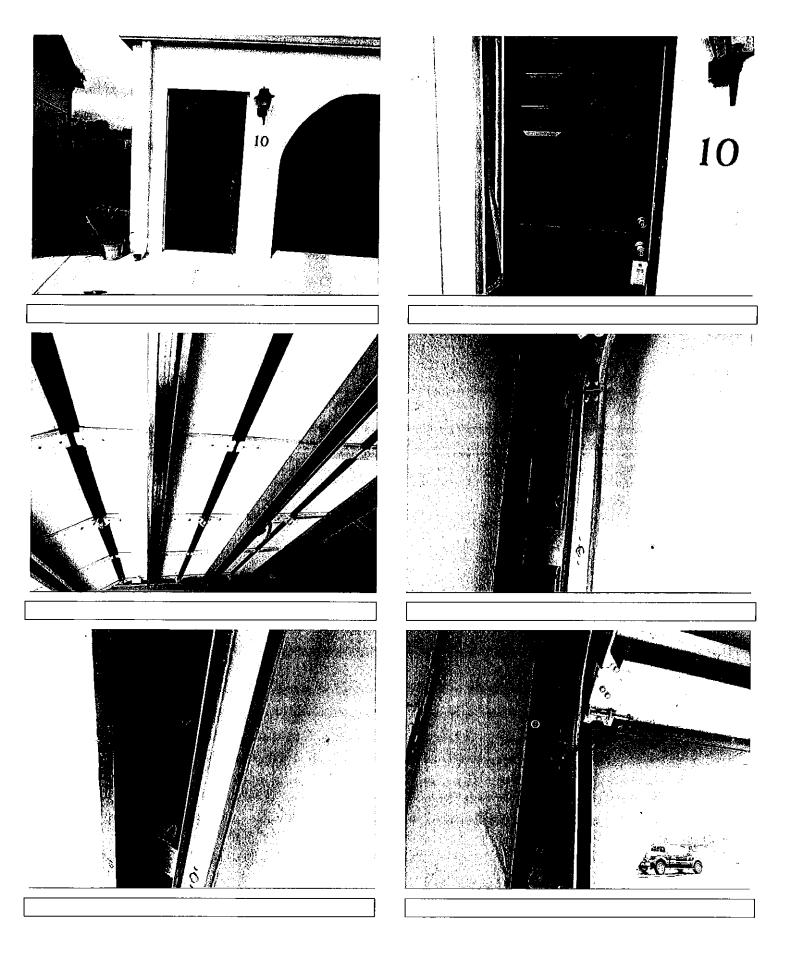


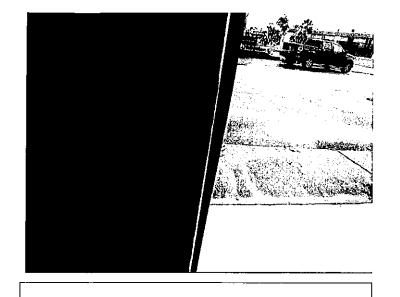


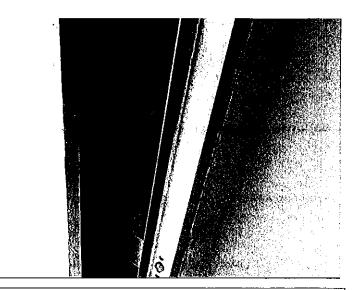


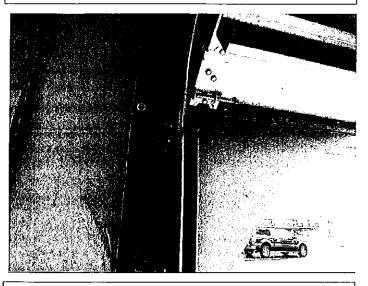












Uniform Mitigation Verification Inspection Form
Maintain a copy of this form and any documentation provided with the insurance policy

Inspec	ion Date: Sep 10, 2024				
	Information				
Owner	Name: Ocean Palm Villas Nor	th HOA		Contact Person: Dana	
	s: Building 2, Ocean Palm Villa			Home Phone:	
City: F	lagler Beach	Zip: 32136		Work Phone: 321-352-6	3278
County	Flagler			Cell Phone:	
Insurar	ice Company:			Policy #:	
	f Home: 1979	# of Stories: 2		Email: team@flcoastm	
accom	: Any documentation used in pany this form. At least one p a 7. The insurer may ask addi	hotograph must accom	pany this form to validate	e each attribute marked	
the	A. Built in compliance with the a date after 3/1/2002: Building B. For the HVHZ Only: Built in provide a permit application with the conference of Covering: Select all roof covering:	rd counties), South Florice FBC: Year Built	la Building Code (SFBC-9 279 For homes built in (MMDD/YYYY) FBC-94: Year Built Building Permit Application ver "A" or "B" the the permit application dis	4)? a 2002/2003 provide a per For homes built in on Date (MM/DD/YYYY) ate OR FBC/MDC Production	mit application with 1994, 1995, and 1996 et Approval number
	Year of Original Installation/Recering identified.	eplacement OR indicate t	hat no information was ava	ailable to verify complian	ce for each roof No Information
	2.1 Roof Covering Type:	Permit Application Date	FBC or MDC Product Approval #	Year of Original Installation or Replacement	Provided for Compliance
	1. Asphalt/Fiberglass Shingle 2 Concrete/Clay Tile				
		Sep 19, 2019	19-1209.50		
	5. Membrane	Sep 19, 2019	24-0709.01		
✓	A. All roof coverings listed abountablation OR have a roofing p				
	B. All roof coverings have a M roofing permit application after				
	C. One or more roof coverings D. No roof coverings meet the r			•	
3 Dec	of Deck Attachment: What is th	•			
J. <u>Kuc</u>	A. Plywood/Oriented strand boby staples or 6d nails spaced at shinglesOR- Any system of s mean uplift less than that requir	ard (OSB) roof sheathing 6" along the edge and 12 crews, nails, adhesives, o	g attached to the roof truss/ "in the fieldOR- Batten other deck fastening system	decking supporting wood	l shakes or wood
	B. Plywood/OSB roof sheathin 24"inches o.c.) by 8d common other deck fastening system or maximum of 12 inches in the fi C. Plywood/OSB roof sheathin 24"inches o.c.) by 8d common decking with a minimum of 2 n	nails spaced a maximum truss/rafter spacing that i eld or has a mean uplift ig with a minimum thick nails spaced a maximum	of 12" inches in the fields shown to have an equival resistance of at least 103 p ness of 7/16"inch attached of 6" inches in the fieldC	OR- Any system of screw lent or greater resistance & sf. to the roof truss/rafter (sp OR- Dimensional lumber/	rs, nails, adhesives, d nails spaced a acced a maximum of Tongue & Groove
Inspect	Any system of screws, nails, ad ors Initials RMB Property Ac	hesives, other deck faste		=	ave an equivalent

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			greater 2 psf.	resi	istano	e than	3d con	nmon	nails	spac	ed a n	naxi	imur	n of	5 incl	nes in	the	field	or ha	is a m	ean uj	plift	resis	tance (of at le	ast
V	_		-	rce	ed Co	ncrete R	loof D	eck.																		
Ē	_																									
Ē	F		Unkno	wn	or un	identifi	ed.																			
] (Ì.	No att	ic a	ccess																					
						<u>ent</u> : W utside c												t incl	ude a	attachi	ment (of hi	ip/val	ley jac	ks wit	hin
] A	١.	Toe N	ails	;																					
					the t	ss/rafter op plate	of the	e wall	l, or				_					-		_			ter an	d attac	hed to	
			L		Met	al conne	ectors	that d	o not	mee	t the r	nini	mal	cond	itions	or re	equir	emen	its of	B, C,	or D					
<u>M</u>	inir	na	l cond	itio	ns to	qualify	for c	atego	ries I	В, С,	or D	<u>. Al</u>	l vis	ible 1	netal	conr	necto	rs at	re:							
					Secu	ired to t	russ/ra	after v	vith a	min	imum	of t	three	(3) ı	ıails,	and	d									
 -	•				the b	ched to clocking osion.																				n
L	B		Clips	_		_																				
			Ļ	╡		al conne				•			-				-	or		,	6					
	1 .				posi	al conne tion req														uss/ra	fter an	id d	oes n	ot mee	t the n	ail
L] C		Single	Wra		al conne	etore i	concie	etina c	of a c	einale	etra	ın th	at sve	ane o	uar th	a tor	a af ti	ha tn	nee/ra	for ar	ad is	CACII	rad wi	tha	
						mum of																1u 15	secu	iea wi	ша	
] D).	Double	e W														• •		_						
					bean	al Conne n, on eit nimum	her si	de of t	the tru	uss/ra	after v	vher	re ea	ch st	rap w	raps	over	the to	op of	f the ti	russ/ra		and i			th
						ıl conne sides, a																s sec	ured	to the	wall o	n
	•		Structu			Anchor		struct	urally	con	nected	i or	rein	force	d con	crete	roof	f.								
_ <u> </u> ✓						Concre									_											
L						identifi	ed																			
I ✓	J H	•	No atti	c ac	ccess																					
						is the re inenclos																				of
✓	A		Hip Ro	of		Hip roo																				
] в		Flat Ro	of		Total le Roof on	a buil	lding	with 5	5 or 1	more i	unit	s wh	iere a	t leas	t 90%	6 of t	the m	ain r	oof a	ea has		oof s			
] c	. •	Other F	Root		less than Any roc											sc	q ft; Т	Fotal	roof a	ırea _			_sq ft		
6. Se	A B		SWR (a sheathi dwellin No SW	also ng o ng fi R.	o calle or foa rom v	stance ed Seale um adhe vater int	d Roo sive S rusior	f Dec WR b	k) Sel parrier	lf-ad r (not	lhering t foan	g po 1ed-	lym on i	er mo nsula	difie	d-bitu	umer	ı roof	fing ı	ınderl	ayme	nt aj	pplied			he
Inspe	ctor	rs	Initials	RI	<u>MB</u> 1	Propert	y Add	lress_		Bui	ilding	<u>2, C</u>	Ocea	n Pa	lm V	illas 1	1			Flag	ler Be	each	1			
*This		.: c	:	for	i.	valid fo		ta Gra	· (5) •			rida	d na	mod	arial	ahan	TOC.	hava	haa	n med	la fa f	hac	tenal	nno o		

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable.

_	ening Protection Level Chart		Glazed O _l	penings			Glazed enings
openi form	an "X" in each row to identify all forms of protection in use for each ng type. Check only one answer below (A thru X), based on the weakes of protection (lowest row) for any of the Glazed openings and indicat eakest form of protection (lowest row) for Non-Glazed openings.	Windows or Entry Doors	Garage Doors	Skylights	Glass Block	Entry Doors	Garage Doors
N/A	Not Applicable- there are no openings of this type on the structure		×		X		
A	Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights)						
В	Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights)					X	X
С	Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007						
D	Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E 330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance			ì			
N	Opening Protection products that appear to be A or B but are not verified						
IN	Other protective coverings that cannot be identified as A, B, or C						
X	No Windborne Debris Protection	X		X			
sy	minimum, with impact resistant coverings or products listed as wind be stem of the State of Florida or Miami-Dade County and meet the required Large Missile Impact" (Level A in the table above).						
	Miami-Dade County PA 201, 202, and 203						
	Florida Building Code Testing Application Standard (TAS) 20						
	American Society for Testing and Materials (ASTM) E 1886 a	and ASTM I	E 1996				
	Southern Standards Technical Document (SSTD) 12						
	For Skylights Only: ASTM E 1886 and ASTM E 1996						
_	For Garage Doors Only: ANSI/DASMA 115						
=	A.1 All Non-Glazed openings classified as A in the table above, or no Non-G A.2 One or More Non-Glazed openings classified as Level D in the table abo			d openings	classified	i as Leve	l B, C, N
_	X in the table above	n tha tabla al	101/0				
	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is						ll Glazeo
or in	Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large renings are protected, at a minimum, with impact resistant coverings of the product approval system of the State of Florida or Miami-Dade C r "Cyclic Pressure and Large Missile Impact" (Level B in the table ab ASTM E 1886 and ASTM E 1996 (Large Missile – 4.5 lb.) SSTD 12 (Large Missile – 4 lb. to 8 lb.)	or products ounty and i	listed as	windborne	debris	protection	on devic
	For Skylights Only: ASTM E 1886 and ASTM E 1996 (Large	Missile - 2	to 4.5 lb.)				
	B.1 All Non-Glazed openings classified as A or B in the table above, or no N	on-Glazed o	penings ex	cist			
	B.2 One or More Non-Glazed openings classified as Level D in the table aboring the table above	ve, and no N	on-Glazeo	l openings o	classified	l as Leve	I C, N, or
	B.3 One or More Non-Glazed openings is classified as Level C, N, or X in the	e table abov	9				
	Exterior Opening Protection- Wood Structural Panels meeting FI wood/OSB meeting the requirements of Table 1609.1.2 of the FBC 20			Glazed ope able abov		re cover	ed with
	C.1 All Non-Glazed openings classified as A, B, or C in the table above, or n	o Non-Glaze	d opening	s exist			
	C.2 One or More Non-Glazed openings classified as Level D in the table abor the table above				classified	l as Leve	l N or X i
	C.3 One or More Non-Glazed openings is classified as Level N or X in the ta	ble above					

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

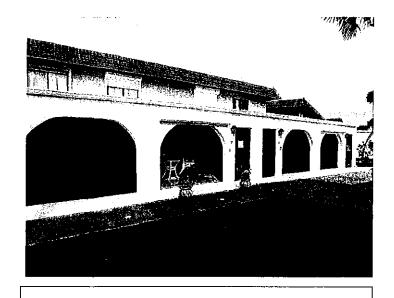
Inspectors Initials RMB Property Address Building 2, Ocean Palm Villas 1

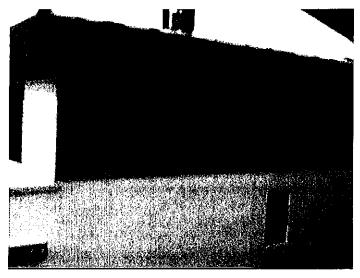
Flagler Beach

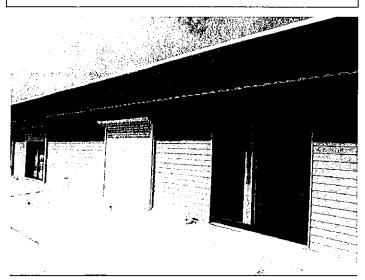
N. D. d. visa On suite Dead skins (successified abouttons	westomo with no documentation). A	Il Clored anonings are protected with
N. Exterior Opening Protection (unverified shutter sprotective coverings not meeting the requirements of A with no documentation of compliance (Level N in the tax	nswer "A", "B", or C" or systems tha	
N.1 All Non-Glazed openings classified as Level A, B, C, o	•	openings exist
N.2 One or More Non-Glazed openings classified as Level table above		
N.3 One or More Non-Glazed openings is classified as Lev	el X in the table above	
		the table above
X. None or Some Glazed Openings One or more Glaz	ed openings classified and Level X in	The table above.
MITIGATION INSPECTIONS MUST I Section 627.711(2), Florida Statutes, prov		
Qualified Inspector Name:	License Type:	License or Certificate #:
RHETT M BRADLEY Inspection Company: Email:	Home Inspector	HI12066
Bradders Property Inspection Services, LLC	BraddersPIS@gmail.com	386-243-2263
Qualified Inspector - I hold an active license as a	: (check one)	
Home inspector licensed under Section 468.8314, Florida Statut training approved by the Construction Industry Licensing Board	and completion of a proficiency exam.	er of hours of hurricane mitigation
Building code inspector certified under Section 468.607, Florida		
General, building or residential contractor licensed under Section		
Professional engineer licensed under Section 471.015, Florida Si		
Professional architect licensed under Section 481.213, Florida Si		
Any other individual or entity recognized by the insurer as possed verification form pursuant to Section 627.711(2), Florida Statute		erly complete a uniform miligation
Individuals other than licensed contractors licensed under		
under Section 471.015, Florida Statues, must inspect the st		
Licensees under s.471.015 or s.489.111 may authorize a dir experience to conduct a mitigation verification inspection.	ect employee who possesses the req	uisite skiii, knowledge, and
	and I personally performed the insp	ection or (<i>licensed</i>
(print name) contractors and professional engineers only) I had my empl		form the inspection
and I agree to be responsible for his/her work.	(print name of inspec	tor)
		y
Qualified Inspector Signature:	Date: Sep 10,	2024 ESPIRIT
An individual or entity who knowingly or through gross ne	gligence provides a false or fraudul	lent mitigation verification form is
subject to investigation by the Florida Division of Insurance		
appropriate licensing agency or to criminal prosecution. (S		
certifies this form shall be directly liable for the misconduc	t of employees as if the authorized	mitigation inspector personally
performed the inspection.		
Homeowner to complete: I certify that the named Qualified residence identified on this form and that proof of identification		
Signature:I	Date: Sep 10, 2024	
Signature.		
		G-ti Cith the intent to
An individual or entity who knowingly provides or utters a obtain or receive a discount on an insurance premium to w	ialse or fraudulent mitigation verifiable the individual or entity is not a	ncation form with the intent to
of the first degree. (Section 627.711(7), Florida Statutes)	men the marriaga or entry is not	intition committs a misaemeanor
The definitions on this form are for inspection purposes on as offering protection from hurricanes.	ly and cannot be used to certify any	product or construction feature
	A A B I S	5
Inspectors Initials RMB Property Address Building	2, Ocean Palm Villas 1	Flagler Beach
*This verification form is valid for up to five (5) years provinaccuracies found on the form.	ided no material changes have beer	n made to the structure or

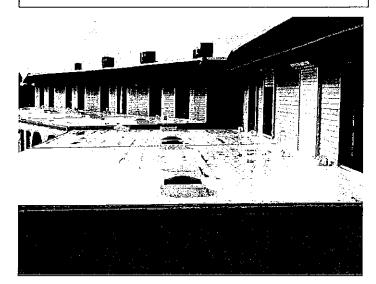
Page 4 of 4

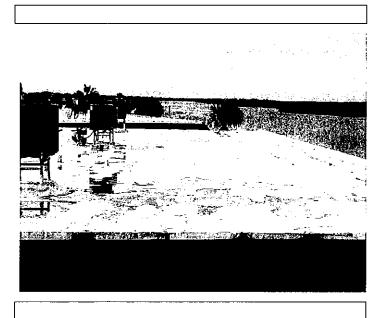
OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155



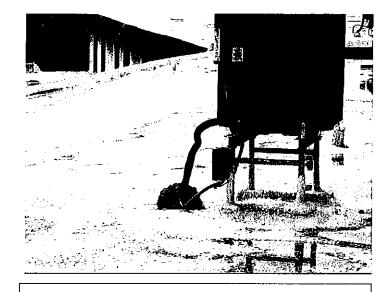


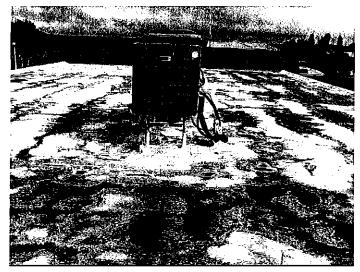


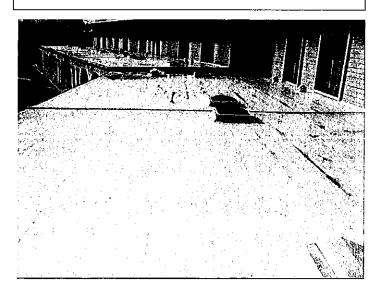


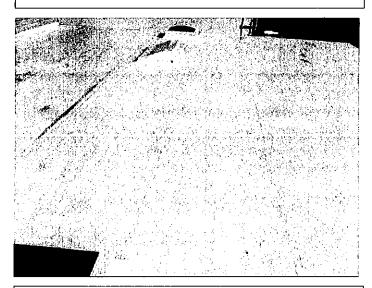


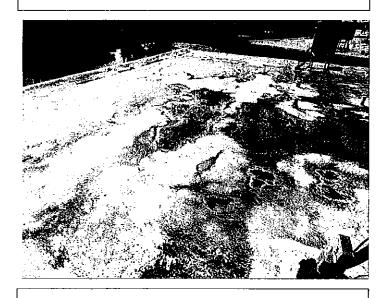


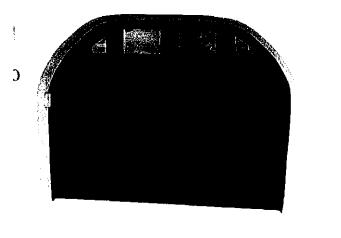


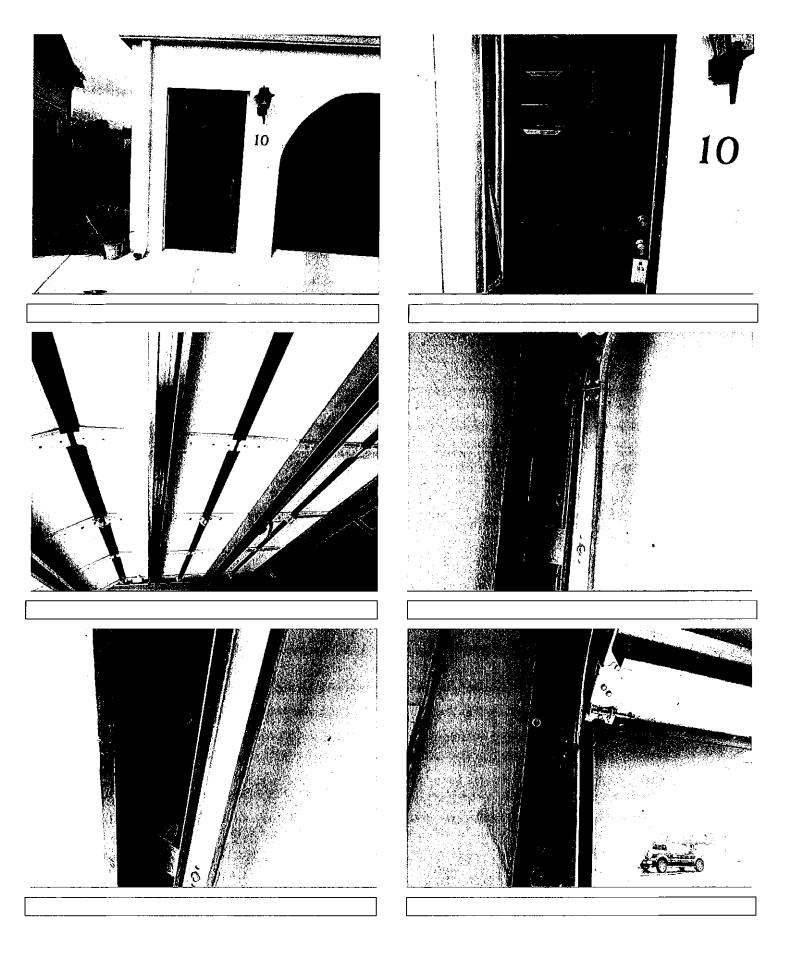




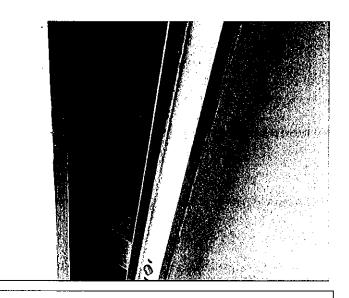


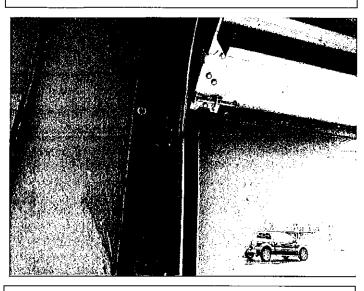












Uniform Mitigation Verification Inspection Form
Maintain a copy of this form and any documentation provided with the insurance policy

Inspection Date: Sep 10, 2024										
Owner Information										
Owner Name: Ocean Palm Villas North HOA Contact Person: Dana										
Address: Building 3, Ocean Palm Villas 1 Home Phone:										
City: Flagler Beach	Zip: 32136	Work Phone: 321-352-6278								
County: Flagler Cell Phone:										
Insurance Company: Policy #:										
Year of Home: 1979 # of Stories: 2 Email: team@flcoastmgt.com										
NOTE: Any documentation used in valid accompany this form. At least one photog though 7. The insurer may ask additional	graph must accompany this form to validat I questions regarding the mitigated feature	e each attribute marked in questions 3 (s) verified on this form.								
the HVHZ (Miami-Dade or Broward cou A. Built in compliance with the FBC a date after 3/1/2002: Building Perm B. For the HVHZ Only: Built in comprovide a permit application with a d C. Unknown or does not meet the rec Roof Covering: Select all roof covering	Inties), South Florida Building Code (SFBC-92: Year Built 1979. For homes built in it Application Date (MM/DD/YYYY) ppliance with the SFBC-94: Year Built late after 9/1/1994: Building Permit Application quirements of Answer "A" or "B" types in use. Provide the permit application of	n 2002/2003 provide a permit application with For homes built in 1994, 1995, and 1996 on Date (MM/DD/YYYY) ate OR FBC/MDC Product Approval number								
covering identified.	ement OR indicate that no information was av	Allable to Verity compliance for each roof No Information Year of Original Installation or Provided for								
2.1 Roof Covering Type:	Oate Product Approval #	Replacement Compliance								
1. Asphalt/Fiberglass Shingle 2. Concrete/Clay Tile 3. Metal 4 Built Up 5. Membrane 6. Other	9, 2019 19-0617.04									
installation OR have a roofing permit B. All roof coverings have a Miami-I roofing permit application after 9/1/1 C. One or more roof coverings do not D. No roof coverings meet the require		of is original and built in 2004 or later. of installation OR (for the HVHZ only) a nal and built in 1997 or later.								
 3. Roof Deck Attachment: What is the weakest form of roof deck attachment? A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below. B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent or greater resistance 8d nails spaced a maximum of 12 inches in the field or has a mean uplift resistance of at least 103 psf. C. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 6" inches in the fieldOR- Dimensional lumber/Tongue & Groove decking with a minimum of 2 nails per board (or 1 nail per board if each board is equal to or less than 6 inches in width)OR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent 										
spectors Initials RMB Property Address Building 3, Ocean Palm Villas 1 Flagler Beach										

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure. OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155 Page 1 of 4

			greater res 2 psf.	istance than 8d common nails spaced a maximum of 6 inches in the field or has a mean uplift resistance of at least
	\square		-	d Concrete Roof Deck.
		F.	Unknown	or unidentified.
		G.	No attic a	ccess.
4.		et o	of the insid	achment: What is the <u>WEAKEST</u> roof to wall connection? (Do not include attachment of hip/valley jacks withing or outside corner of the roof in determination of WEAKEST type)
		A.	Toe Nails	Truss/rafter anchored to top plate of wall using nails driven at an angle through the truss/rafter and attached to the top plate of the wall, or
				Metal connectors that do not meet the minimal conditions or requirements of B, C, or D
	Mi	nim	al condition	ons to qualify for categories B, C, or D. All visible metal connectors are:
				Secured to truss/rafter with a minimum of three (3) nails, and
	_			Attached to the wall top plate of the wall framing, or embedded in the bond beam, with less than a ½" gap from the blocking or truss/rafter and blocked no more than 1.5" of the truss/rafter, and free of visible severe corrosion.
	Ш	В.	Clips	
			님	Metal connectors that do not wrap over the top of the truss/rafter, or
			Ц	Metal connectors with a minimum of 1 strap that wraps over the top of the truss/rafter and does not meet the nail position requirements of C or D, but is secured with a minimum of 3 nails.
		C.	Single Wr	
	_			Metal connectors consisting of a single strap that wraps over the top of the truss/rafter and is secured with a minimum of 2 nails on the front side and a minimum of 1 nail on the opposing side.
	Ш	D.	Double W	
				Metal Connectors consisting of 2 separate straps that are attached to the wall frame, or embedded in the bond beam, on either side of the truss/rafter where each strap wraps over the top of the truss/rafter and is secured with a minimum of 2 nails on the front side, and a minimum of 1 nail on the opposing side, or
				Metal connectors consisting of a single strap that wraps over the top of the truss/rafter, is secured to the wall on both sides, and is secured to the top plate with a minimum of three nails on each side.
			Structural	Anchor bolts structurally connected or reinforced concrete roof.
	M		· · · · · · · · · · · · · · · · · · ·	ured Concrete
	님			or unidentified
	✓	Н.	No attic ac	ccess
5.				What is the roof shape? (Do not consider roofs of porches or carports that are attached only to the fascia or wall of over unenclosed space in the determination of roof perimeter or roof area for roof geometry classification).
	\checkmark	A.	Hip Roof	Hip roof with no other roof shapes greater than 10% of the total roof system perimeter.
		В.	Flat Roof	Total length of non-hip features:0 feet; Total roof system perimeter: feet Roof on a building with 5 or more units where at least 90% of the main roof area has a roof slope of
		C.	Other Roo	less than 2:12. Roof area with slope less than 2:12 sq ft; Total roof area sq ft Any roof that does not qualify as either (A) or (B) above.
6.	Sec	А. В.	SWR (also sheathing dwelling f No SWR.	Resistance (SWR): (standard underlayments or hot-mopped felts do not qualify as an SWR) o called Sealed Roof Deck) Self-adhering polymer modified-bitumen roofing underlayment applied directly to the or foam adhesive SWR barrier (not foamed-on insulation) applied as a supplemental means to protect the rom water intrusion in the event of roof covering loss.
In	spec	tors	s Initials <u>R</u>	MB Property Address Building 3, Ocean Palm Villas 1 Flagler Beach
*Т	hic v	eri	fication for	rm is valid for up to five (5) years provided no material changes have been made to the structure or

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure of inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable.

	pening Protection Level Chart ce an "X" in each row to identify all forms of protection in use for each				Non-Glazed Openings		
openi form	ing type. Check only one answer below (A thru X), based on the weakes of protection (lowest row) for any of the Glazed openings and indicat eakest form of protection (lowest row) for Non-Glazed openings.	Windows or Entry Doors	Garage Doors	Skylights	Glass Block	Entry Doors	Garage Doors
N/A	Not Applicable- there are no openings of this type on the structure		X		X		
A	Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights)				,,		
В	Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights)					X	X
С	Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007		<u></u>				
D	Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E 330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance						
۸.	Opening Protection products that appear to be A or B but are not verified						
N	Other protective coverings that cannot be identified as A, B, or C						
Х	No Windborne Debris Protection	X		X			
	rstem of the State of Florida or Miami-Dade County and meet the required Large Missile Impact" (Level A in the table above). Miami-Dade County PA 201, 202, and 203	mements o	i one oi t	ne 10110W1	ng tor "	Cyclic F	ressure
	Florida Building Code Testing Application Standard (TAS) 20	01 202 and	1 203				
	American Society for Testing and Materials (ASTM) E 1886 a						
	Southern Standards Technical Document (SSTD) 12	/ 10 / 14/ 1	3 1770				
	For Skylights Only: ASTM E 1886 and ASTM E 1996						
	For Garage Doors Only: ANSI/DASMA 115						
	A.1 All Non-Glazed openings classified as A in the table above, or no Non-G	lazed openir	ngs exist				
	A.2 One or More Non-Glazed openings classified as Level D in the table about X in the table above	-	-	d openings	classified	l as Leve	l B, C, N, o
	Λ .3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is	n the table al	oove				
o _l in	Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large benings are protected, at a minimum, with impact resistant coverings of the product approval system of the State of Florida or Miami-Dade C or "Cyclic Pressure and Large Missile Impact" (Level B in the table ab	r products ounty and i	listed as	windborne	debris j	protection	
	ASTM E 1886 <u>and</u> ASTM E 1996 (Large Missile – 4.5 lb.)						
	SSTD 12 (Large Missile – 4 lb. to 8 lb.)						
	For Skylights Only: ASTM E 1886 and ASTM E 1996 (Large	Missile - 2	to 4.5 lb.)				
	B.1 All Non-Glazed openings classified as A or B in the table above, or no N $^{\circ}$	on-Glazed o	penings ex	cis t			
	B.2 One or More Non-Glazed openings classified as Level D in the table about in the table above	ve, and no N	on-Glazeo	l openings (classified	as Leve	l C, N, or X
	B.3 One or More Non-Glazed openings is classified as Level C, N, or X in the	e table above	е				
	Exterior Opening Protection- Wood Structural Panels meeting FF wood/OSB meeting the requirements of Table 1609.1.2 of the FBC 20			Glazed ope able above		e cover	ed with
	C.1 All Non-Glazed openings classified as A, B, or C in the table above, or no	o Non-Glaze	d opening	s exist			
	C.2 One or More Non-Glazed openings classified as Level D in the table above the table phayer.	ve, and no N	on-Glazed	l openings o	lassified	as Level	N or X in

Building 3, Ocean Palm Villas 1

C.3 One or More Non-Glazed openings is classified as Level N or X in the table above

Inspectors Initials RMB Property Address

the table above

inaccuracies found on the form.

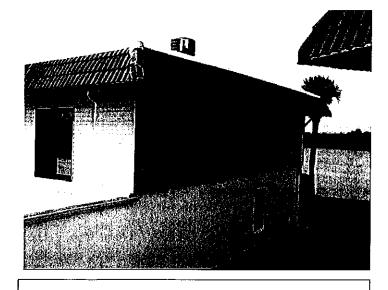
Flagler Beach

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure or

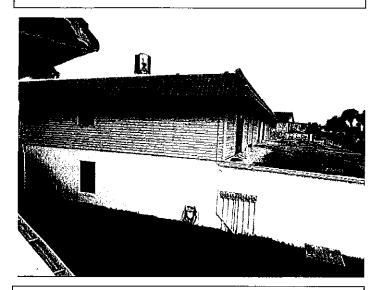
N. Exterior Opening Protection (unverifie			
protective coverings not meeting the requirer		or systems that appear	ar to meet Answer "A" or "B"
with no documentation of compliance (Level	,		
N.1 All Non-Glazed openings classified as Lev		-	=
N.2 One or More Non-Glazed openings classifitable above	ed as Level D in the table above, and	no Non-Glazed openin	gs classified as Level X in the
N.3 One or More Non-Glazed openings is class	ified as Level X in the table above		
X. None or Some Glazed Openings One or	more Glazed openings classified	and Level X in the ta	ble above.
	NS MUST BE CERTIFIED BY A Q tutes, provides a listing of individ	==	
Qualified Inspector Name:	License Type:		e or Certificate #:
RHETT M BRADLEY	Home Inspe	ector	HI12066
Inspection Company: Bradders Property Inspection Services, LLC	Email: BraddersPIS@g	ımail.com	Phone: 386-243-2263
· · · · · · · · · · · · · · · · · · ·		<u>jiriun.com</u>	300 2 13 2203
Qualified Inspector – I hold an active lic	• •		
Home inspector licensed under Section 468.8314, FI training approved by the Construction Industry Licen	•	-	ours of hurricane mitigation
Building code inspector certified under Section 468.	607, Florida Statutes.		
General, building or residential contractor licensed u	nder Section 489.111, Florida Statute	s.	
Professional engineer licensed under Section 471.01	5, Florida Statutes.		
Professional architect licensed under Section 481.21	3, Florida Statutes.		
Any other individual or entity recognized by the instruction form pursuant to Section 627.711(2), Floring Any other individual or entity recognized by the instruction of the control of t		fications to properly co	mplete a uniform mitigation
Individuals other than licensed contractors licens	sed under Section 489.111, Flori	da Statutes, or prof	essional engineer licensed
under Section 471.015, Florida Statues, must ins	pect the structures personally a	nd not through emp	loyees or other persons.
Licensees under s.471.015 or s.489.111 may author		sesses the requisite	skill, knowledge, and
experience to conduct a mitigation verification in	spection.		
-	nspector and I personally perfo	rmed the inspection	or (<i>licensed</i>
(print name)	J (\ 6	Albaniana and an
contractors and professional engineers only) I had		ame of inspector)	the inspection
and I agree to be responsible for his/her work.	(print ii	ame of mopector,	^
Qualified Inspector Signature:	Date:	Sep 10, 2024	7 y **********************************
Qualified Hispector Signature.	Date	Gep 10, 2024	лядалял Тэнгстал экансы
An individual or entity who knowingly or throug	h gross negligence provides a fa	lse or fraudulent m	itigation verification form is
subject to investigation by the Florida Division of			
appropriate licensing agency or to criminal prose			
certifies this form shall be directly liable for the performed the inspection.	nisconduct of employees as if the	e authorized intiga	tion inspector personany
Homeowner to complete: I certify that the name			
residence identified on this form and that proof of id	<u>-</u>		presentative.
Signature:	Date: Sep	10, 2024	
An individual or entity who knowingly provides	or utters a false or fraudulent m	itigation verificatio	n form with the intent to
obtain or receive a discount on an insurance prer			
of the first degree. (Section 627.711(7), Florida S	tatutes)		
The definitions on this form are for inspection pu as offering protection from hurricanes.	rposes only and cannot be used	to certify any prod	uct or construction feature
Inspectors Initials RMB Property Address	Building 3, Ocean Palm Villas	1 Flag	ler Beach
*This verification form is valid for up to five (5) y inaccuracies found on the form.	years provided no material chan	iges have been made	e to the structure or

OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155

Page 4 of 4









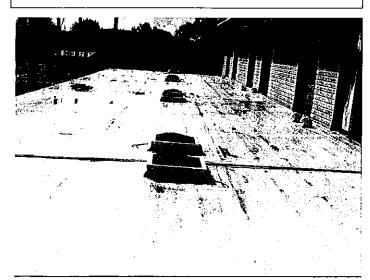


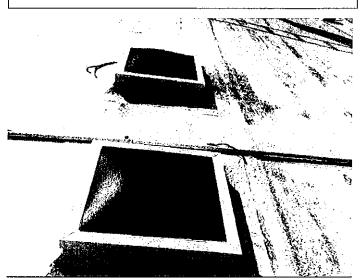


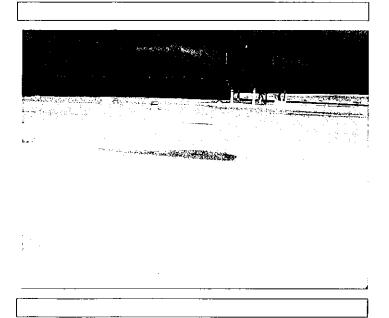


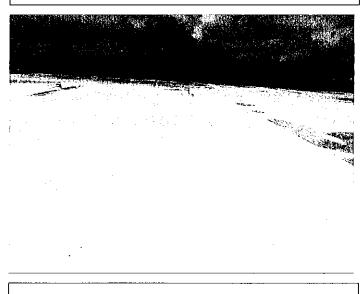


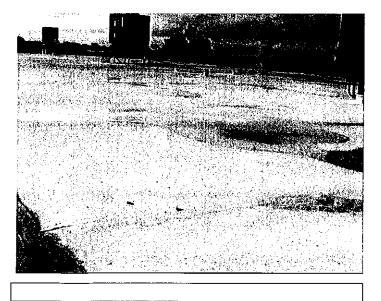
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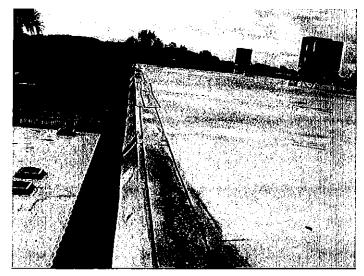


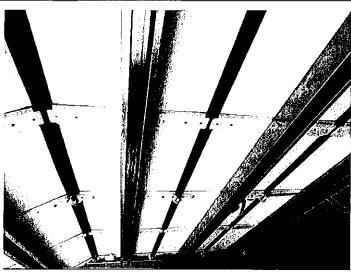




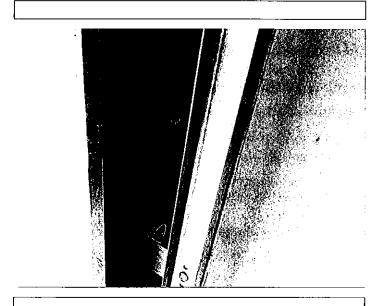




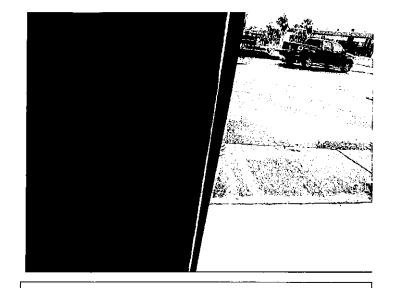


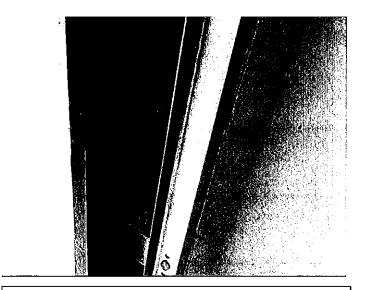




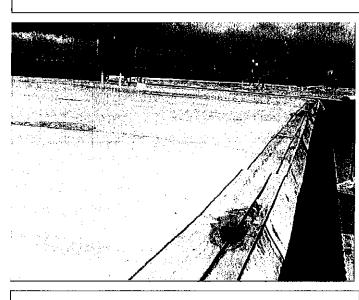












Uniform Mitigation Verification Inspection Form
Maintain a copy of this form and any documentation provided with the insurance policy

Inspection Date: Sep 10, 2024								
Owner Information								
Owner Name: Ocean Palm Villas North HOA Address: Building 4, Ocean Palm Villas 2 Home Phone:								
		Home Phone:						
Zip: 32136			6278					
		Cell Phone:	-					
•		Policy #:						
# of Stories: 2		Email: team@flcoastmg	gt.com					
graph must accompai	y this form to validate	each attribute marked						
unties), South Florida E 2: Year Built 1978 ait Application Date on pliance with the SFBO date after 9/1/1994: Bu quirements of Answer types in use. Provide t	Building Code (SFBC-94). For homes built in MMDD/YYYY) C-94: Year Built ilding Permit Applicatio "A" or "B" he permit application da	4)? 2002/2003 provide a per 20	mit application with 1994, 1995, and 1990 et Approval number					
		-	No Information Provided for					
	Product Approval #	Replacement	Compliance					
9, 2019	19-1209.50							
it application date on on Dade Product Approvance 1994 and before 3/1/20 of meet the requirement of Answer "A"	r after 3/1/02 OR the rood listing current at time of 02 OR the roof is origing as of Answer "A" or "B" or "B".	of is original and built in 2 of installation OR (for the al and built in 1997 or lat	2004 or later. e HVHZ only) a					
 3. Roof Deck Attachment: What is the weakest form of roof deck attachment? A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below. B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, 								
r has a mean uplift res h a minimum thicknes spaced a maximum of her board (or I nail per res, other deck fastenin	istance of at least 103 ps s of 7/16"inch attached t 6" inches in the fieldC board if each board is ed g system or truss/rafter s	of. to the roof truss/rafter (sp DR- Dimensional lumber/ qual to or less than 6 inch	aced a maximum of Tongue & Groove es in width)OR- ave an equivalent					
	Zip: 32136 # of Stories: 2 lating the compliance graph must accompand questions regarding in compliance with the unties), South Florida E: Year Built	# of Stories: 2 lating the compliance or existence of each cograph must accompany this form to validate all questions regarding the mitigated feature (in compliance with the Florida Building Code (SFBC-94). Year Built 1979 For homes built in it Application Date (MADDAYYYY) Inpliance with the SFBC-94: Year Built date after 9/1/1994: Building Permit Application equirements of Answer "A" or "B" types in use. Provide the permit application datement OR indicate that no information was available. Application FBC or MDC Product Approval	Home Phone: Zip: 32136 Work Phone: 321-352-6 Cell Phone: Policy #: # of Stories: 2 Email: team@flcoastmg taking the compliance or existence of each construction or mitigation graph must accompany this form to validate each attribute marked I questions regarding the mitigated feature(s) verified on this form. in compliance with the Florida Building Code (FBC 2001 or later) OR funties), South Florida Building Code (FBC 2001 or later) OR funties), South Florida Building Code (FBC-94)? C: Year Built					

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure. OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155 Page 1 of 4

			greater res	istance than 8d common nails	spaced a maximum	of 6 inches in the	e field or has a r	mean uplift resistar	ice of at least
			-	d Concrete Roof Deck.					
	\Box								
			·-	or unidentified.					
		G.	No attic a	ccess.					
4.				achment: What is the WEAF e or outside corner of the roof				hment of hip/valley	y jacks within
		A.	Toe Nails						
				Truss/rafter anchored to top the top plate of the wall, or	plate of wall using i	nails driven at an	angle through th	ne truss/rafter and a	attached to
				Metal connectors that do not	meet the minimal c	onditions or requ	irements of B, C	C, or D	
	Mi	nim	al conditio	ns to qualify for categories	B, C, or D. All visil	ole metal connec	tors are:		
				Secured to truss/rafter with a	minimum of three	(3) nails, and			
	_			Attached to the wall top plat- the blocking or truss/rafter a corrosion.					
	Ш	В.	Clips						
			님	Metal connectors that do not	• •	=		0 11	
				Metal connectors with a min position requirements of C o				after and does not	meet the nail
	Ш	C.	Single Wr	aps Metal connectors consisting	of a single stran tha	t wrone over the t	on of the truss/r	after and is secure	d with a
				minimum of 2 nails on the fr					u willi a
		D.	Double W	raps					
				Metal Connectors consisting beam, on either side of the tr a minimum of 2 nails on the	uss/rafter where eac	h strap wraps ove	er the top of the	truss/rafter and is s	
				Metal connectors consisting both sides, and is secured to					the wall on
			Structural	Anchor bolts structurally	connected or reinfe	orced concrete ro-	of.		
	M			ured Concrete					
	닖			or unidentified					
	✓	Н.	No attic ac	cess					
5.				What is the roof shape? (Do nover unenclosed space in the content of the content					
	\checkmark	A.	Hip Roof	Hip roof with no other ro				•	
		В.	Flat Roof	Total length of non-hip f Roof on a building with	5 or more units whe	re at least 90% o	f the main roof a		•
		C.	Other Roo	less than 2:12. Roof area f Any roof that does not q			sq ft; Total roof	areas	sq ft
6.	Sec	А. В.	SWR (also sheathing of dwelling fi No SWR.	Resistance (SWR): (standare called Sealed Roof Deck) See or foam adhesive SWR barrie from water intrusion in the eventure or undetermined.	elf-adhering polyme r (not foamed-on in	r modified-bitum sulation) applied	en roofing under	rlayment applied d	
Ins	spect	tors	Initials <u>R</u>	MB Property Address	Building 4, Ocear	n Palm Villas 2	Fla	gler Beach	
÷T	Lia -	:	fication for	m is valid for un to five (5):	naous nuovidad no	matarial abanga	a hawa hasu ma	do to the atminum	

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable.

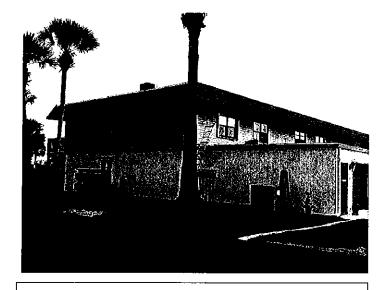
_	Opening Protection Level Chart			Glazed Openings					
	an "X" in each row to identify all forms of protection in use for each ng type. Check only one answer below (A thru X), based on the weakes	Windows				-			
	of protection (lowest row) for any of the Glazed openings and indicat	or Entry	Garage Doors	Skylights	Glass Block	Entry Doors	Garage Doors		
	eakest form of protection (lowest row) for Non-Glazed openings.	Doors	Doors		BIOCK	Doors	Doors		
N/A	Not Applicable- there are no openings of this type on the structure		X		X	<u> </u>			
A	Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights)								
В	Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights)					X	X		
С	C Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007								
D	Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E								
<u> </u>	330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance Opening Protection products that appear to be A or B but are not verified		i	<u>.</u>					
N	Other protective coverings that cannot be identified as A, B, or C								
х	No Windborne Debris Protection	X		X	· ·-				
	NO Williabottle Debits Flotection	X		X					
	rstem of the State of Florida or Miami-Dade County and meet the requal Large Missile Impact" (Level A in the table above). Miami-Dade County PA 201, 202, <u>and</u> 203	in ements 0.	one or t	no tollowi	115 101	Cyclic 1	1033410		
	Florida Building Code Testing Application Standard (TAS) 20	01, 202, <u>an</u> d	203						
	American Society for Testing and Materials (ASTM) E 1886 a	ind ASTM E	1996						
	Southern Standards Technical Document (SSTD) 12								
	For Skylights Only: ASTM E 1886 and ASTM E 1996								
	For Garage Doors Only: ANSI/DASMA 115								
	A.1 All Non-Glazed openings classified as A in the table above, or no Non-G	lazed openir	gs exist						
	A.2 One or More Non-Glazed openings classified as Level D in the table abo X in the table above	ve, and no N	on-Glazeo	d openings	classified	l as Leve	l B, C, N, or		
	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is	n the table at	ove						
	. Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Larg						l Glazed		
in	penings are protected, at a minimum, with impact resistant coverings of the product approval system of the State of Florida or Miami-Dade C	ounty and r							
fo	r "Cyclic Pressure and Large Missile Impact" (Level B in the table ab	ove):							
	ASTM E 1886 <u>and</u> ASTM E 1996 (Large Missile – 4.5 lb.)								
	SSTD 12 (Large Missile – 4 lb. to 8 lb.) For Skylights Only: ASTM E 1886 and ASTM E 1996 (Large	Missile - 2 t	o 4,5 lh)						
Γ-	B.1 All Non-Glazed openings classified as A or B in the table above, or no N		•	rist					
	B.2 One or More Non-Glazed openings classified as Level D in the table abore in the table abore.	•	_		lassified	as Level	C, N, or X		
	B.3 One or More Non-Glazed openings is classified as Level C, N, or X in the	e table above	:						
□ <u>c.</u>	Exterior Opening Protection- Wood Structural Panels meeting Flowood/OSB meeting the requirements of Table 1609.1.2 of the FBC 20	3C 2007	All C	Glazed ope		e covere	ed with		
	C.1 All Non-Glazed openings classified as A, B, or C in the table above, or no	•			,-				
_	C.2 One or More Non-Glazed openings classified as Level D in the table abor the table above				lassified	as Level	N or X in		
	C.3 One or More Non-Glazed openings is classified as Level N or X in the table above								

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Inspectors Initials RMB Property Address Building 4, Ocean Palm Villas 2

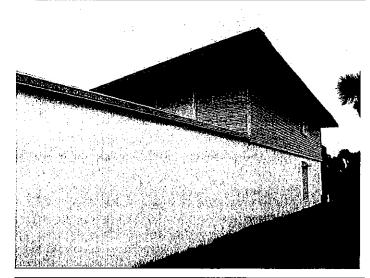
Flagler Beach

N. Exterior Opening Protection (unverified shutter s	ystems with no documentation	All Glazed openings are protected wit				
protective coverings not meeting the requirements of Ar with no documentation of compliance (Level N in the ta		s that appear to meet Answer "A" or "B"				
N.1 All Non-Glazed openings classified as Level A, B, C, or N in the table above, or no Non-Glazed openings exist						
N.2 One or More Non-Glazed openings classified as Level 1 table above	D in the table above, and no Non-G	lazed openings classified as Level X in the				
N.3 One or More Non-Glazed openings is classified as Leve	el X in the table above					
X. None or Some Glazed Openings One or more Glaze	ed openings classified and Level	X in the table above.				
MITIGATION INSPECTIONS MUST B	E CERTIFIED BY A QUALIFI	ED INSPECTOR.				
Section 627.711(2), Florida Statutes, provi						
Qualified Inspector Name: RHETT M BRADLEY	License Type: Home Inspector	License or Certificate #: HI12066				
Inspection Company: Email: Bradders Property Inspection Services, LLC	Bradders PIS@gmail.com	Phone: 386-243-2263				
Qualified Inspector – I hold an active license as a	: (check one)					
Home inspector licensed under Section 468.8314, Florida Statute training approved by the Construction Industry Licensing Board Building code inspector certified under Section 468.607, Florida General, building or residential contractor licensed under Section Professional engineer licensed under Section 471.015, Florida Statute Professional architect licensed under Section 481.213, Florida Statute: Any other individual or entity recognized by the insurer as posse verification form pursuant to Section 627.711(2), Florida Statute:	and completion of a proficiency exa Statutes. 489.111, Florida Statutes. atutes. atutes. ssing the necessary qualifications to	am.				
Individuals other than licensed contractors licensed under		tes or professional engineer licensed				
under Section 471.015, Florida Statues, must inspect the str	uctures personally and not the	rough employees or other persons.				
Licensees under s.471.015 or s.489.111 may authorize a dire	ect employee who possesses the	e requisite skill, knowledge, and				
experience to conduct a mitigation verification inspection.						
I, RHETT M BRADLEY am a qualified inspector a (print name)	nd I personally performed the	inspection or (<i>IIcensed</i>				
contractors and professional engineers only) I had my emplo	oyee () perform the inspection spector)				
and I agree to be responsible for his/her work.	Q · · · · ·	`				
Qualified Inspector Signature:	Date: Se	0 10, 2024				
An individual or entity who knowingly or through gross negutions to investigation by the Florida Division of Insurance appropriate licensing agency or to criminal prosecution. (Secretifies this form shall be directly liable for the misconduct performed the inspection.	Fraud and may be subject to ection 627.711(4)-(7), Florida S	administrative action by the Statutes) The Qualified Inspector who				
Homeowner to complete: I certify that the named Qualified residence identified on this form and that proof of identification						
Signature:	Sep 10, 2024					
An individual or entity who knowingly provides or utters a false or fraudulent mitigation verification form with the intent to obtain or receive a discount on an insurance premium to which the individual or entity is not entitled commits a misdemeanor of the first degree. (Section 627.711(7), Florida Statutes)						
The definitions on this form are for inspection purposes onl as offering protection from hurricanes.	y and cannot be used to certify	y any product or construction feature				
Inspectors Initials RMB Property Address Building	4, Ocean Palm Villas 2	Flagler Beach				
*This verification form is valid for up to five (5) years provinaccuracies found on the form.	ided no material changes have	been made to the structure or				
OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155		Page 4 of 4				

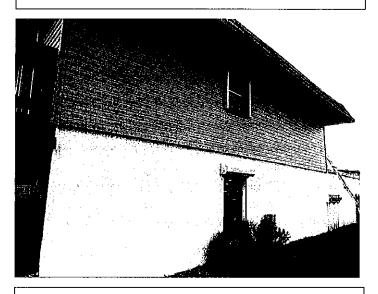




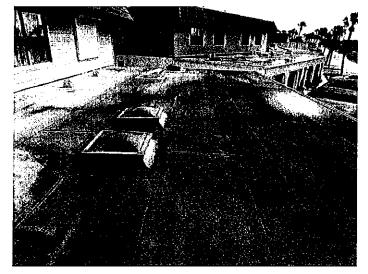




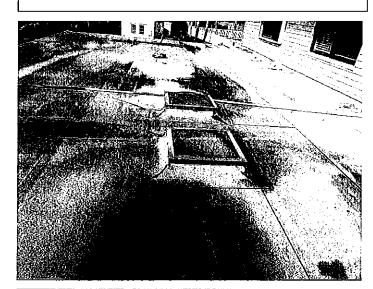


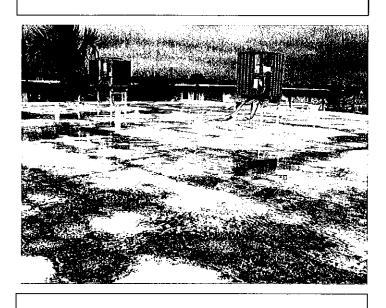










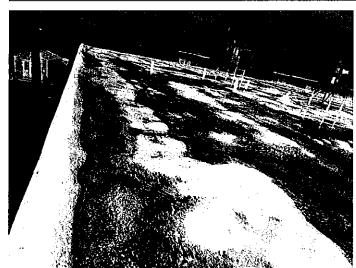


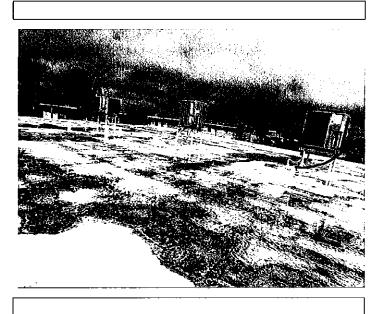








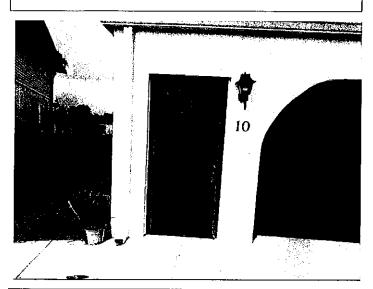


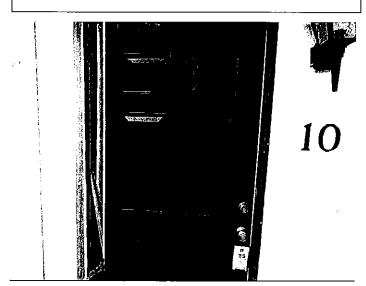


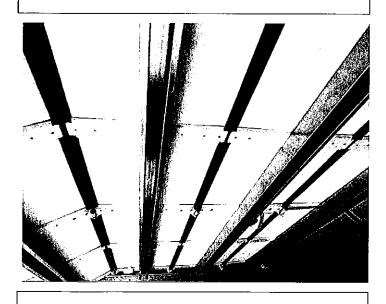


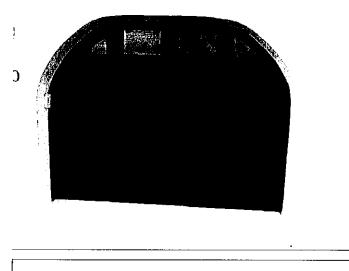


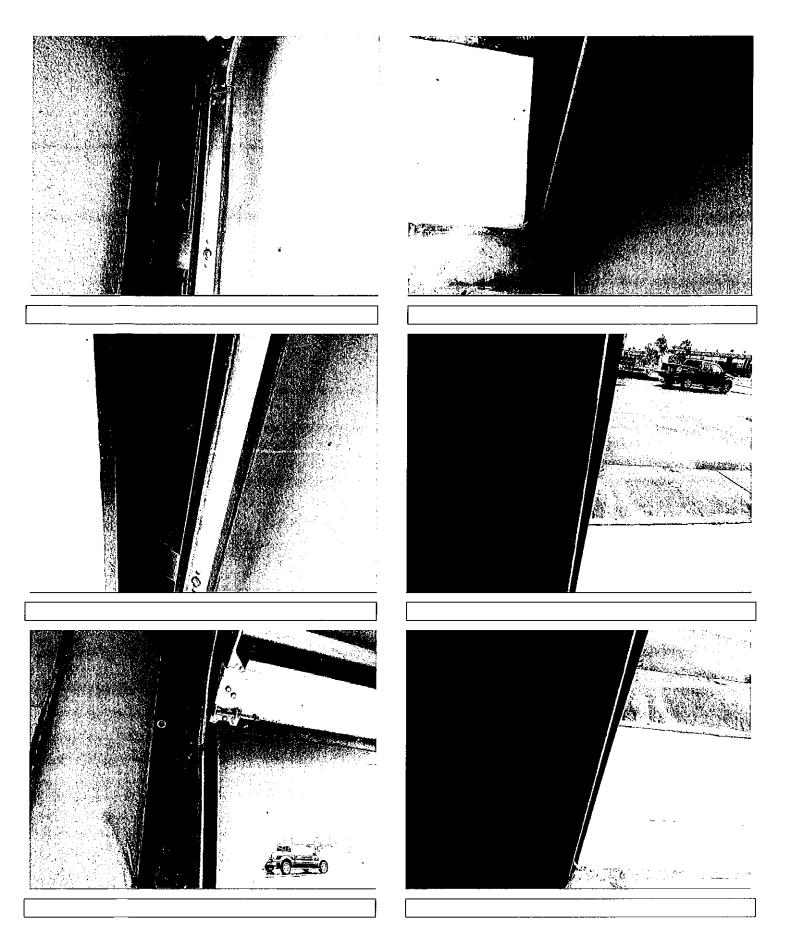












Uniform Mitigation Verification Inspection Form

Maintain a copy of this form and any documentation provided with the insurance policy

Inspection Date: Sep 10, 2024							
Owner Information							
Owner Name: Ocean Palm Villas North HO	Contact Person: Dana						
Address: Building 5, Ocean Palm Villas 2	Home Phone:						
City: Flagler Beach	Zip: 32136	Work Phone: 321-352-6	278				
County: Flagler		Cell Phone:					
Insurance Company:		Policy #:					
Year of Home: 2011	# of Stories: 2	Email: team@flcoastmg	t.com				
accompany this form. At least one photog though 7. The insurer may ask additional	raph must accompany this form to validate questions regarding the mitigated feature(s	e each attribute marked in each attribute mark	in questions 3				
the HVHZ (Miami-Dade or Broward cou A. Built in compliance with the FBC a date after 3/1/2002: Building Permi B. For the HVHZ Only: Built in comprovide a permit application with a d ✓ C. Unknown or does not meet the rec 2. Roof Covering: Select all roof covering	 Building Code: Was the structure built in compliance with the Florida Building Code (FBC 2001 or later) OR for homes located in the HVHZ (Miami-Dade or Broward counties), South Florida Building Code (SFBC-94)?						
covering identified.	ment OR indicate that no information was ava	· ·	No Information				
	application FBC or MDC Tate Product Approval #	Year of Original Installation or Replacement	Provided for Compliance				
1. Asphalt/Fiberglass Shingle							
2. Concrete/Clay Tile							
3. Metal							
4. Built Up							
5. Membrane							
6. Other Rolled Bitinum	24-0709.01	2011					
installation OR have a roofing permit B. All roof coverings have a Miami-I	eet the FBC with a FBC or Miami-Dade Product application date on or after 3/1/02 OR the root Dade Product Approval listing current at time 6 994 and before 3/1/2002 OR the roof is origin	of is original and built in 2 of installation OR (for the	004 or later. HVHZ only) a				
	t meet the requirements of Answer "A" or "B"						
D. No roof coverings meet the require	<u>-</u>						
Roof Deck Attachment: What is the weakest form of roof deck attachment? A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below.							
24"inches o.c.) by 8d common nails so other deck fastening system or truss/r	B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent or greater resistance 8d nails spaced a maximum of 12 inches in the field or has a mean uplift resistance of at least 103 psf.						
C. Plywood/OSB roof sheathing with 24"inches o.c.) by 8d common nails s decking with a minimum of 2 nails per	a a minimum thickness of 7/16"inch attached to spaced a maximum of 6" inches in the fieldCer board (or 1 nail per board if each board is each, other deck fastening system or truss/rafter.	to the roof truss/rafter (spa DR- Dimensional lumber/ qual to or less than 6 inch	Fongue & Groove es in width)OR-				
Inspectors Initials RMB Property Address		spacing that is shown to h Flagler Beach	_				

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure. OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155 Page 1 of 4

182 psf.
✓ D. Reinforced Concrete Roof Deck.
E. Other:
F. Unknown or unidentified.
G. No attic access.
4. Roof to Wall Attachment: What is the WEAKEST roof to wall connection? (Do not include attachment of hip/valley jacks within 5 feet of the inside or outside corner of the roof in determination of WEAKEST type)
A. Toe Nails
Truss/rafter anchored to top plate of wall using nails driven at an angle through the truss/rafter and attached to the top plate of the wall, or
Metal connectors that do not meet the minimal conditions or requirements of B, C, or D
Minimal conditions to qualify for categories B, C, or D. All visible metal connectors are:
Secured to truss/rafter with a minimum of three (3) nails, and
Attached to the wall top plate of the wall framing, or embedded in the bond beam, with less than a ½" gap from the blocking or truss/rafter and blocked no more than 1.5" of the truss/rafter, and free of visible severe corrosion.
B. Clips
Metal connectors that do not wrap over the top of the truss/rafter, or
Metal connectors with a minimum of 1 strap that wraps over the top of the truss/rafter and does not meet the nail position requirements of C or D, but is secured with a minimum of 3 nails.
C. Single Wraps Metal connectors consisting of a single strap that wraps over the top of the truss/rafter and is secured with a
minimum of 2 nails on the front side and a minimum of 1 nail on the opposing side.
D. Double Wraps
Metal Connectors consisting of 2 separate straps that are attached to the wall frame, or embedded in the bond beam, on either side of the truss/rafter where each strap wraps over the top of the truss/rafter and is secured with a minimum of 2 nails on the front side, and a minimum of 1 nail on the opposing side, or
Metal connectors consisting of a single strap that wraps over the top of the truss/rafter, is secured to the wall on both sides, and is secured to the top plate with a minimum of three nails on each side.
E. Structural Anchor bolts structurally connected or reinforced concrete roof.
F. Other: Poured Concrete
G. Unknown or unidentified
✓ H. No attic access
5. <u>Roof Geometry:</u> What is the roof shape? (Do not consider roofs of porches or carports that are attached only to the fascia or wall of the host structure over unenclosed space in the determination of roof perimeter or roof area for roof geometry classification).
A. Hip Roof Hip roof with no other roof shapes greater than 10% of the total roof system perimeter.
Total length of non-hip features: 0 feet; Total roof system perimeter: feet B. Flat Roof Roof on a building with 5 or more units where at least 90% of the main roof area has a roof slope of
less than 2:12. Roof area with slope less than 2:12 sq ft; Total roof area sq ft
C. Other Roof Any roof that does not qualify as either (A) or (B) above.
6. Secondary Water Resistance (SWR): (standard underlayments or hot-mopped felts do not qualify as an SWR) A. SWR (also called Sealed Roof Deck) Self-adhering polymer modified-bitumen roofing underlayment applied directly to the sheathing or foam adhesive SWR barrier (not foamed-on insulation) applied as a supplemental means to protect the dwelling from water intrusion in the event of roof covering loss.
B. No SWR. C. Unknown or undetermined.
C. Chalowi of anacterininoa.
Inspectors Initials RMB Property Address Building 5, Ocean Palm Villas 2 Flagler Beach
*This vanification form is valid for up to five (5) was a provided no metavial shanges have been made to the stureture or

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable.

	ening Protection Level Chart	Glazed Openings Ope		-Glazed enings			
openi form	an "X" in each row to identify all forms of protection in use for each ng type. Check only one answer below (A thru X), based on the weakes of protection (lowest row) for any of the Glazed openings and indicat	Windows or Entry Doors	Garage Doors	Skylights	Glass Block	Entry Doors	Garage Doors
	eakest form of protection (lowest row) for Non-Glazed openings.	Doors					
N/A	Not Applicable- there are no openings of this type on the structure		X		X		
Α	Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights)			X			
В	Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights)					X	X
С	Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007						
D	Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E 330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance						
N	Opening Protection products that appear to be A or B but are not verified						
''	Other protective coverings that cannot be identified as A, B, or C						
х	No Windborne Debris Protection	X					
	rstem of the State of Florida or Miami-Dade County and meet the requal Large Missile Impact" (Level A in the table above). Miami-Dade County PA 201, 202, and 203				J	•	
	• • • • • • • • • • • • • • • • • • • •	1 202	1 202				
	Florida Building Code Testing Application Standard (TAS) 20	· · · —					
	American Society for Testing and Materials (ASTM) E 1886 :	anu ASIMI	5 1990				
	Southern Standards Technical Document (SSTD) 12						
	For Skylights Only: ASTM E 1886 and ASTM E 1996						
	For Garage Doors Only: ANSI/DASMA 115						
=	A.1 All Non-Glazed openings classified as A in the table above, or no Non-G A.2 One or More Non-Glazed openings classified as Level D in the table abo	_	_	d openings	classifico	l as Leve	1 B, C, N,
	X in the table above A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is	n the table al	ove				
	Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Larg			ar ekuliah	te only)	. A	ll Glazed
op in	venings are protected, at a minimum, with impact resistant coverings of the product approval system of the State of Florida or Miami-Dade C r "Cyclic Pressure and Large Missile Impact" (Level B in the table ab	or products ounty and i	listed as	windborne	debris	protection	on device
	ASTM E 1886 <u>and</u> ASTM E 1996 (Large Missile – 4.5 lb.)						
	SSTD 12 (Large Missile – 4 lb. to 8 lb.)						
	For Skylights Only: ASTM E 1886 <u>and</u> ASTM E 1996 (Large						
	B.1 All Non-Glazed openings classified as A or B in the table above, or no N						
	B.2 One or More Non-Glazed openings classified as Level D in the table about in the table above	ve, and no N	on-Glazeo	l openings (classified	l as Leve	l C, N, or
	B.3 One or More Non-Glazed openings is classified as Level C, N, or X in th	e table abov	e				
	Exterior Opening Protection- Wood Structural Panels meeting Fl wood/OSB meeting the requirements of Table 1609.1.2 of the FBC 20			Glazed ope table above		re cover	ed with
	C.1 All Non-Glazed openings classified as A, B, or C in the table above, or n	o Non-Glaze	d opening	s exist			
_	C.2 One or More Non-Glazed openings classified as Level D in the table aborthe table above				classified	as Leve	l N or X is
	C.3 One or More Non-Glazed openings is classified as Level N or X in the ta	ble above					

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

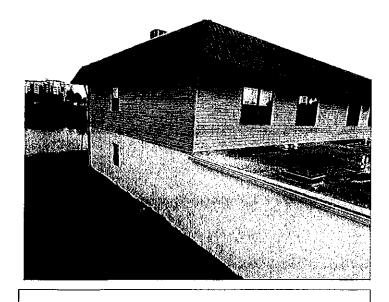
Inspectors Initials RMB Property Address Building 5, Ocean Palm Villas 2

Flagler Beach

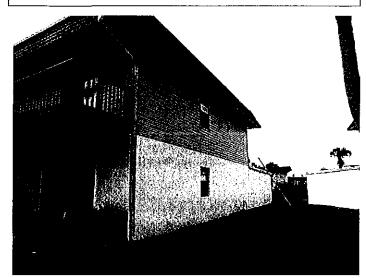
N. Exterior Opening Protection (unverified shutter	systems with no documentation)	All Glazed openings are protected with				
protective coverings not meeting the requirements of A with no documentation of compliance (Level N in the	answer "A", "B", or C" or systems that					
N.1 All Non-Glazed openings classified as Level A, B, C,	or N in the table above, or no Non-Glazed	d openings exist				
N.2 One or More Non-Glazed openings classified as Leve table above	D in the table above, and no Non-Glazed	d openings classified as Level X in the				
N.3 One or More Non-Glazed openings is classified as Le	vel X in the table above					
X. None or Some Glazed Openings One or more Glazed		n the table above.				
MITIGATION INSPECTIONS MUST Section 627.711(2), Florida Statutes, pro		y sign this form.				
Qualified Inspector Name: RHETT M BRADLEY	License Type: Home Inspector	License or Certificate #: HI12066				
Inspection Company: Email: Bradders Property Inspection Services, LLC	BraddersPIS@gmail.com	Phone: 386-243-2263				
Qualified Inspector – I hold an active license as a	a : (check one)					
Home inspector licensed under Section 468.8314, Florida Statu training approved by the Construction Industry Licensing Board	tes who has completed the statutory numb	per of hours of hurricane mitigation				
Building code inspector certified under Section 468.607, Florid						
General, building or residential contractor licensed under Section						
Professional engineer licensed under Section 471.015, Florida S	Statutes.					
Professional architect licensed under Section 481.213, Florida S	Statutes.					
Any other individual or entity recognized by the insurer as poss verification form pursuant to Section 627.711(2), Florida Statut		perly complete a uniform mitigation				
Individuals other than licensed contractors licensed under						
under Section 471.015, Florida Statues, must inspect the st						
Licensees under s.471.015 or s.489.111 may authorize a di	rect employee who possesses the rec	quisite skill, knowledge, and				
experience to conduct a mitigation verification inspection.						
·	and I personally performed the insp	pection or (<i>licensed</i>				
(print name) contractors and professional engineers only) I had my emp	loyee () pe (print name of inspec	rform the inspection				
and I agree to be responsible for his/her work.	(print name of inspec	~ .				
Qualified Inspector Signature:	Date: Sep 10	, 2024 REGILION NOTES				
An individual or entity who knowingly or through gross ne	egligence provides a false or fraudu	dent mitigation verification form is				
subject to investigation by the Florida Division of Insurance	ce Fraud and may be subject to adn	ninistrative action by the				
appropriate licensing agency or to criminal prosecution. (S						
certifies this form shall be directly liable for the miscondu- performed the inspection.	et of employees as if the authorized	mitigation inspector personally				
Homeowner to complete: I certify that the named Qualified residence identified on this form and that proof of identification						
Signature: Date: Sep 10, 2024						
An individual or entity who knowingly provides or utters a obtain or receive a discount on an insurance premium to w of the first degree. (Section 627.711(7), Florida Statutes)						
The definitions on this form are for inspection purposes or as offering protection from hurricanes.	aly and cannot be used to certify an	y product or construction feature				
Inspectors Initials RMB Property Address Building	5, Ocean Palm Villas 2	Flagler Beach				
*This verification form is valid for up to five (5) years pro- inaccuracies found on the form.	vided no material changes have bee	n made to the structure or				

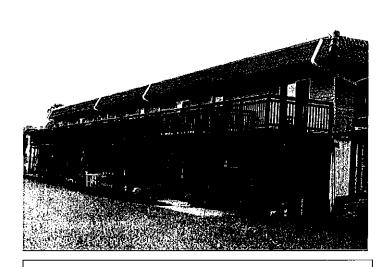
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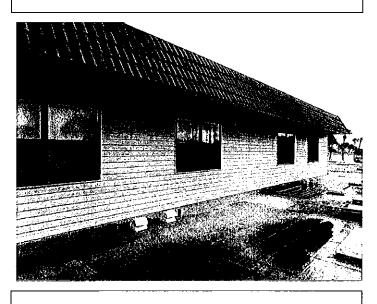
Page 4 of 4

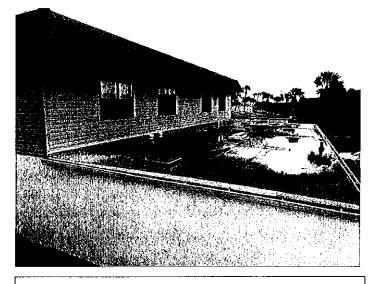


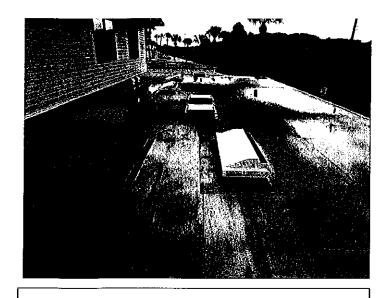


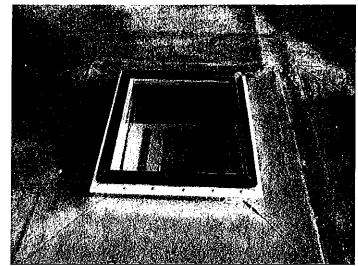


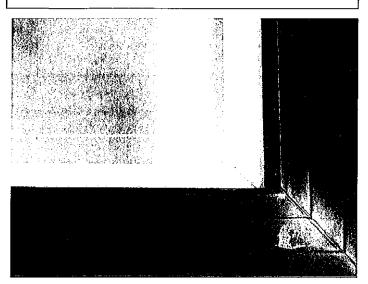


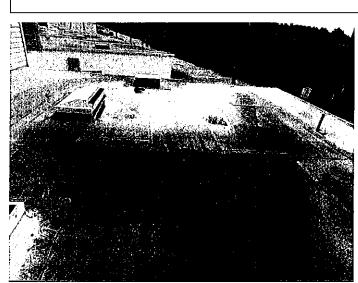




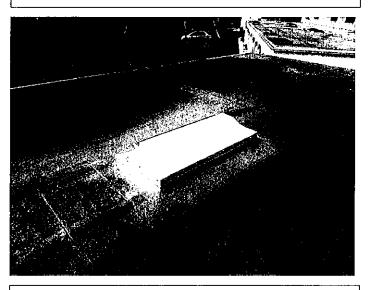


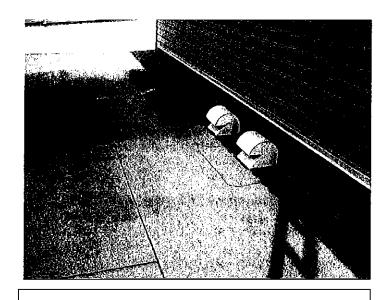








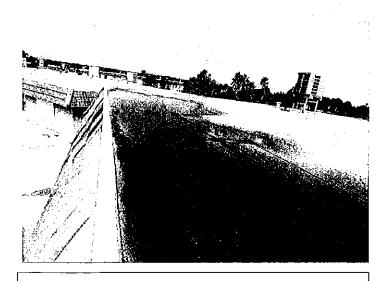


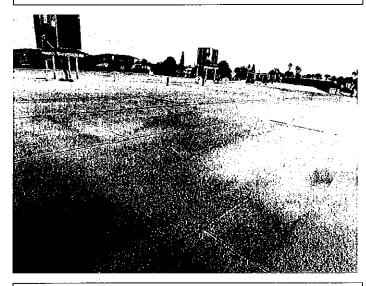




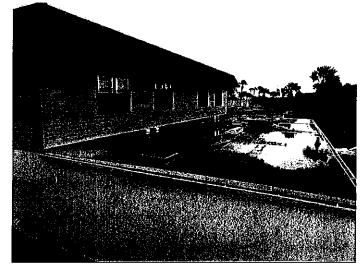


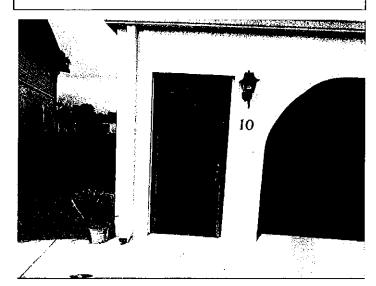


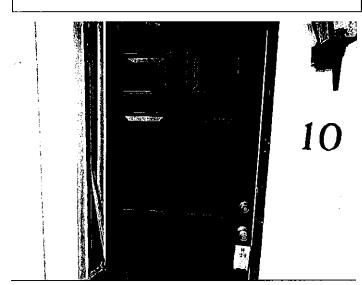


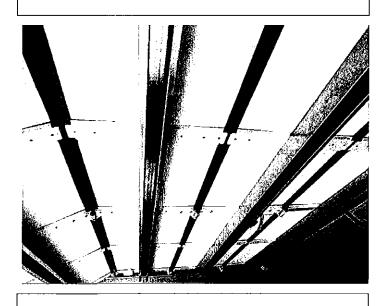


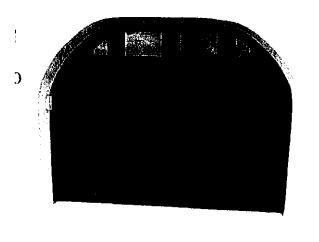


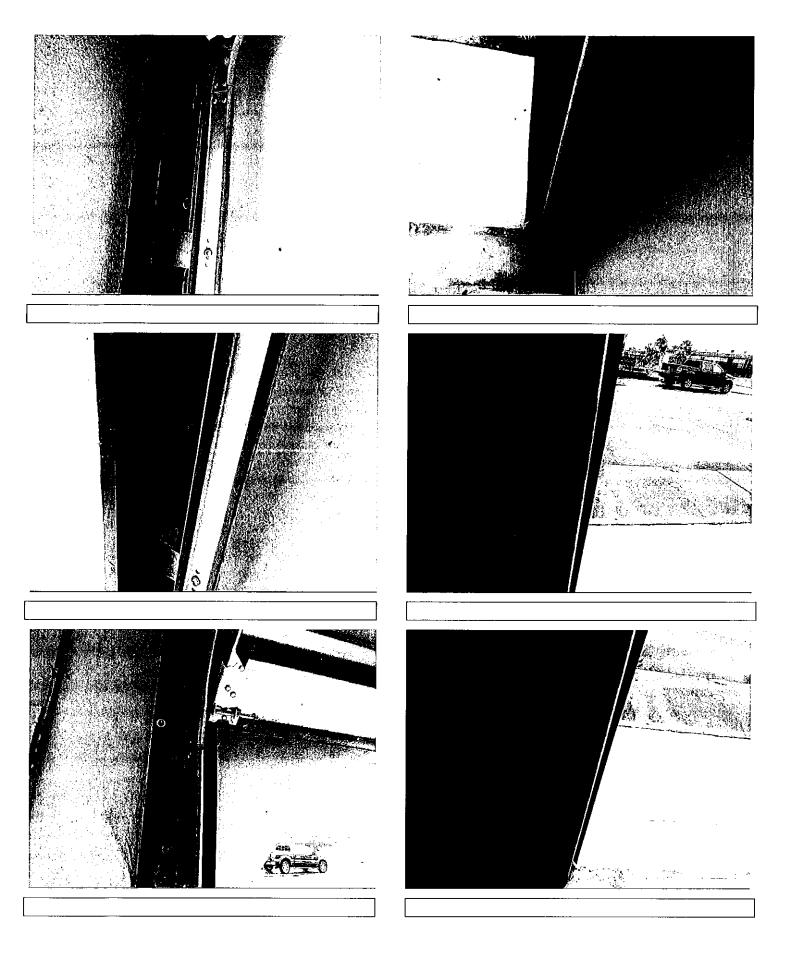












Uniform Mitigation Verification Inspection Form

Maintain a copy of this form and any documentation provided with the insurance policy

Inspection Date: Sep 10, 2024								
Owner Information								
Owner Name: Ocean Palm Villas North HOA Contact Person: Dana								
Address: Building 6, Ocean Palm Villas 2		Home Phone:						
City: Flagler Beach	Zip: 32136	Work Phone: 321-352-6	278					
County: Flagler		Cell Phone:						
Insurance Company: Policy #:								
Year of Home: 1979 # of Stories: 2 Email: team@flcoastmgt.com								
NOTE: Any documentation used in valida accompany this form. At least one photog though 7. The insurer may ask additional	raph must accompany this form to validate	e each attribute marked						
the HVHZ (Miami-Dade or Broward cou A. Built in compliance with the FBC a date after 3/1/2002: Building Permi B. For the HVHZ Only: Built in com provide a permit application with a d	 Building Code: Was the structure built in compliance with the Florida Building Code (FBC 2001 or later) OR for homes located in the HVHZ (Miami-Dade or Broward counties), South Florida Building Code (SFBC-94)? A. Built in compliance with the FBC: Year Built							
	ment OR indicate that no information was ava	ailable to verify compliand						
	Application FBC or MDC late Product Approval #	Year of Original Installation or Replacement	Provided for Compliance					
1 Asphalt/Fiberglass Shingle								
2 Concrete/Clay Tile								
3. Metal								
4. Built Up								
	19-0617.04	2019						
✓ 5. Membrane ✓ 6. Other Rolled Bitinum	24-0709.01	2011						
6. Other Rolled Billindin	24-0703.01	2011						
	eet the FBC with a FBC or Miami-Dade Prodet application date on or after 3/1/02 OR the ro							
	Dade Product Approval listing current at time 994 and before 3/1/2002 OR the roof is origin							
C. One or more roof coverings do not	t meet the requirements of Answer "A" or "B	,						
D. No roof coverings meet the require	ements of Answer "A" or "B".							
3. Roof Deck Attachment: What is the wea	akest form of roof deck attachment?							
A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below.								
 B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent or greater resistance 8d nails spaced a maximum of 12 inches in the field or has a mean uplift resistance of at least 103 psf. C. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 6" inches in the fieldOR- Dimensional lumber/Tongue & Groove decking with a minimum of 2 nails per board (or 1 nail per board if each board is equal to or less than 6 inches in width)OR- 								
	es, other deck fastening system or truss/rafter		ave an equivalent					
		.						

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure. OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155 Page 1 of 4

			2 psf.	istance than ou common hans spaced a maximum of o menes in the field of has a fitean upfile resistance of at least
	\checkmark		-	d Concrete Roof Deck.
		E.	Other:	
		F.	Unknown	or unidentified.
		G.	No attic a	ccess.
4.				achment: What is the <u>WEAKEST</u> roof to wall connection? (Do not include attachment of hip/valley jacks within or outside corner of the roof in determination of WEAKEST type)
		A.	Toe Nails	
				Truss/rafter anchored to top plate of wall using nails driven at an angle through the truss/rafter and attached to the top plate of the wall, or
				Metal connectors that do not meet the minimal conditions or requirements of B, C, or D
	Min	ıim	al conditio	ns to qualify for categories B, C, or D. All visible metal connectors are:
				Secured to truss/rafter with a minimum of three (3) nails, and
		u		Attached to the wall top plate of the wall framing, or embedded in the bond beam, with less than a ½" gap from the blocking or truss/rafter and blocked no more than 1.5" of the truss/rafter, and free of visible severe corrosion.
	Ш	В.	Clips	Maril commenced at the section of the confederation
			片	Metal connectors that do not wrap over the top of the truss/rafter, or Metal connectors with a minimum of 1 strap that wraps over the top of the truss/rafter and does not meet the nail
				position requirements of C or D, but is secured with a minimum of 3 nails.
		C.	Single Wra	aps
				Metal connectors consisting of a single strap that wraps over the top of the truss/rafter and is secured with a minimum of 2 nails on the front side and a minimum of 1 nail on the opposing side.
		D.	Double W	•
			Ц	Metal Connectors consisting of 2 separate straps that are attached to the wall frame, or embedded in the bond beam, on either side of the truss/rafter where each strap wraps over the top of the truss/rafter and is secured with a minimum of 2 nails on the front side, and a minimum of 1 nail on the opposing side, or
				Metal connectors consisting of a single strap that wraps over the top of the truss/rafter, is secured to the wall on both sides, and is secured to the top plate with a minimum of three nails on each side.
			Structural	Anchor bolts structurally connected or reinforced concrete roof.
	\square			ured Concrete
				or unidentified
	✓	Η.	No attic ac	ccess
5.				What is the roof shape? (Do not consider roofs of porches or carports that are attached only to the fascia or wall of over unenclosed space in the determination of roof perimeter or roof area for roof geometry classification).
	\checkmark	Α.	Hip Roof	Hip roof with no other roof shapes greater than 10% of the total roof system perimeter.
		B	Flat Roof	Total length of non-hip features: feet; Total roof system perimeter: feet Roof on a building with 5 or more units where at least 90% of the main roof area has a roof slope of
	ш	υ.	T Ide Root	less than 2:12. Roof area with slope less than 2:12 sq ft; Total roof area sq ft
		C.	Other Roo	
6.	Sec		SWR (also sheathing	Resistance (SWR): (standard underlayments or hot-mopped felts do not qualify as an SWR) called Sealed Roof Deck) Self-adhering polymer modified-bitumen roofing underlayment applied directly to the or foam adhesive SWR barrier (not foamed-on insulation) applied as a supplemental means to protect the rom water intrusion in the event of roof covering loss.
	\mathbb{H}		No SWR. Unknown	or undetermined.
In	spec			MB Property Address Building 6, Ocean Palm Villas 2 Flagler Beach
÷T			e e	un is valid for un to five (5) years provided no motorial shanges have been made to the structure or

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure of inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable. Non-Glazed **Opening Protection Level Chart Glazed Openings** Openings Place an "X" in each row to identify all forms of protection in use for each opening type. Check only one answer below (A thru X), based on the weakes Windows Garage Glass Entry Garage or Entry **Skylights** form of protection (lowest row) for any of the Glazed openings and indicat Doors Block Doors Doors **Doors** the weakest form of protection (lowest row) for Non-Glazed openings. Not Applicable- there are no openings of this type on the structure X X Α Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights) В Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights) X X С Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007 Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E D 330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance Opening Protection products that appear to be A or B but are not verified N Other protective coverings that cannot be identified as A, B, or C No Windborne Debris Protection X X A. Exterior Openings Cyclic Pressure and 9-lb Large Missile (4.5 lb for skylights only) All Glazed openings are protected at a minimum, with impact resistant coverings or products listed as wind borne debris protection devices in the product approval system of the State of Florida or Miami-Dade County and meet the requirements of one of the following for "Cyclic Pressure and Large Missile Impact" (Level A in the table above). Miami-Dade County PA 201, 202, and 203 Florida Building Code Testing Application Standard (TAS) 201, 202, and 203 American Society for Testing and Materials (ASTM) E 1886 and ASTM E 1996 Southern Standards Technical Document (SSTD) 12 For Skylights Only: ASTM E 1886 and ASTM E 1996 For Garage Doors Only: ANSI/DASMA 115 A.1 All Non-Glazed openings classified as A in the table above, or no Non-Glazed openings exist A.2 One or More Non-Glazed openings classified as Level D in the table above, and no Non-Glazed openings classified as Level B, C, N, or X in the table above A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X in the table above B. Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large Missile (2-4.5 lb for skylights only) openings are protected, at a minimum, with impact resistant coverings or products listed as windborne debris protection devices in the product approval system of the State of Florida or Miami-Dade County and meet the requirements of one of the following for "Cyclic Pressure and Large Missile Impact" (Level B in the table above): ASTM E 1886 and ASTM E 1996 (Large Missile – 4.5 lb.) SSTD 12 (Large Missile - 4 lb. to 8 lb.) For Skylights Only: ASTM E 1886 and ASTM E 1996 (Large Missile - 2 to 4.5 lb.)

B.1 All Non-Glazed openings classified as A or B in the table above, or no Non-Glazed openings exist

B.2 One or More Non-Glazed openings classified as Level D in the table above, and no Non-Glazed openings classified as Level D in the table above.

B.2 One or More Non-Glazed openings classified as Level D in the table above, and no Non-Glazed openings classified as Level C, N, or X in the table above

B.3 One or More Non-Glazed openings is classified as Level C, N, or X in the table above

C. Exterior Opening Protection- Wood Structural Panels meeting FBC 2007 All Glazed openings are covered with plywood/OSB meeting the requirements of Table 1609.1.2 of the FBC 2007 (Level C in the table above).

C.1 All Non-Glazed openings classified as A, B, or C in the table above, or no Non-Glazed openings exist

C.2 One or More Non-Glazed openings classified as Level D in the table above, and no Non-Glazed openings classified as Level N or X in the table above

C.3 One or More Non-Glazed openings is classified as Level N or X in the table above

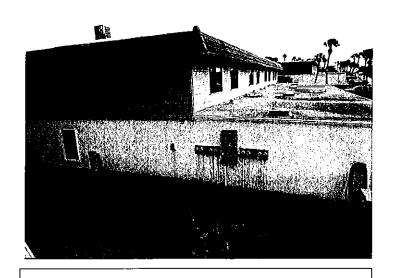
Inspectors Initials RMB Property Address Building 6, Ocean Palm Villas 2 Flagler Beach

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

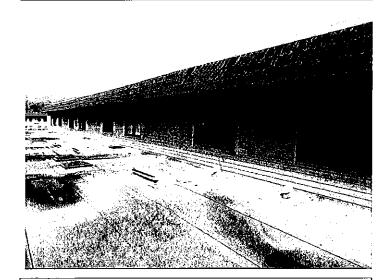
N. Exterior Opening Protection (unverified	shutter	systems with no documentation)	All Glazed openings are protected with				
protective coverings not meeting the requiren			at appear to meet Answer "A" or "B"				
with no documentation of compliance (Level N in the table above).							
N.1 All Non-Glazed openings classified as Leve							
N.2 One or More Non-Glazed openings classific table above	d as Leve	I D in the table above, and no Non-Glaze	ed openings classified as Level X in the				
N.3 One or More Non-Glazed openings is classi	fied as Le	vel X in the table above					
X. None or Some Glazed Openings One or	nore Gla	zed openings classified and Level X	in the table above.				
Marga array managemen		na dengreran All I Felia	INGRECTOR				
Section 627.711(2), Florida Stat		BE CERTIFIED BY A QUALIFIED vides a listing of individuals who mu	ay sign this form.				
Qualified Inspector Name: RHETT M BRADLEY		License Type: Home Inspector	License or Certificate #: HI12066				
Inspection Company: Bradders Property Inspection Services, LLC	Email:	BraddersPIS@gmail.com	Phone: 386-243-2263				
<u> </u>			300 243 2203				
Qualified Inspector – I hold an active lice							
Home inspector licensed under Section 468.8314, Floratraining approved by the Construction Industry License			ber of hours of hurricane mitigation				
Building code inspector certified under Section 468.6							
General, building or residential contractor licensed un	ider Sectio	on 489.111, Florida Statutes.					
Professional engineer licensed under Section 471.015	, Florida S	Statutes.					
Professional architect licensed under Section 481.213	, Florida S	Statutes.					
Any other individual or entity recognized by the insuverification form pursuant to Section 627.711(2), Flo			operly complete a uniform mitigation				
Individuals other than licensed contractors licens	ed under	Section 489.111, Florida Statutes,	or professional engineer licensed				
under Section 471.015, Florida Statues, must insp	ect the s	tructures personally and not throu	gh employees or other persons.				
Licensees under s.471.015 or s.489.111 may author			quisite skill, knowledge, and				
experience to conduct a mitigation verification in	spection.						
·	spector	and I personally performed the ins	spection or (<i>licensed</i>				
(print name) contractors and professional engineers only) I had	my emr	plovee () n	erform the inspection				
contractors and projessional engineers only) I had	my cmp	(print name of inspe					
and I agree to be responsible for his/her work.			, , , , , , , , , , , , , , , , , , ,				
Qualified Inspector Signature:		Date: Sep 10	0, 2024 more some				
. 1			C SPICHON SIGNAS				
An individual or entity who knowingly or through							
subject to investigation by the Florida Division of appropriate licensing agency or to criminal prose							
certifies this form shall be directly liable for the m	iscondu	ct of employees as if the authorized	l mitigation inspector personally				
performed the inspection.							
II	1 Ovelië	ad Inguistan an his on hon anymore d	id norform on inspection of the				
<u>Homeowner to complete</u> : I certify that the name residence identified on this form and that proof of id							
•		•	izoa Representative.				
Signature: Date: Sep 10, 2024							
An individual or entity who knowingly provides of							
obtain or receive a discount on an insurance pren		vhich the individual or entity is not	t entitled commits a misdemeanor				
of the first degree. (Section 627.711(7), Florida St	atutes)						
The definitions on this form are for inspection pu as offering protection from hurricanes.	rposes oi	nly and cannot be used to certify a	ny product or construction feature				
Inspectors Initials RMB Property Address	Building	g 6, Ocean Palm Villas 2	Flagler Beach				
*This verification form is valid for up to five (5) y	ears pro	vided no material changes have be	en made to the structure or				

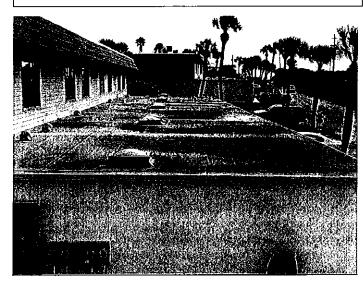
OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155

Page 4 of 4

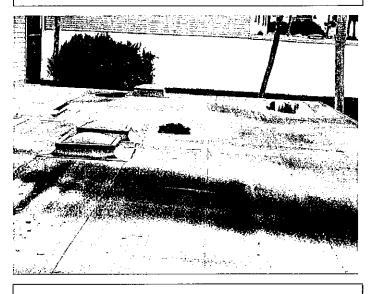




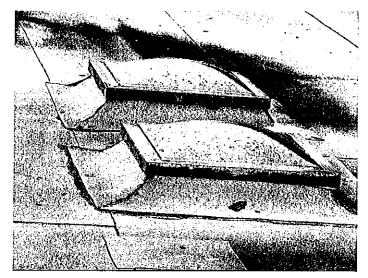


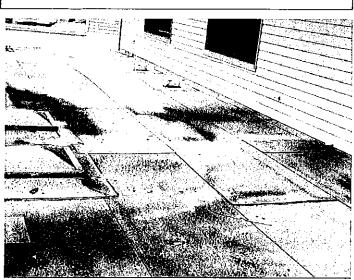




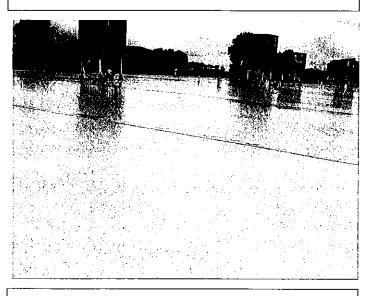


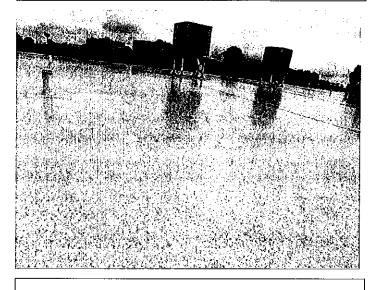


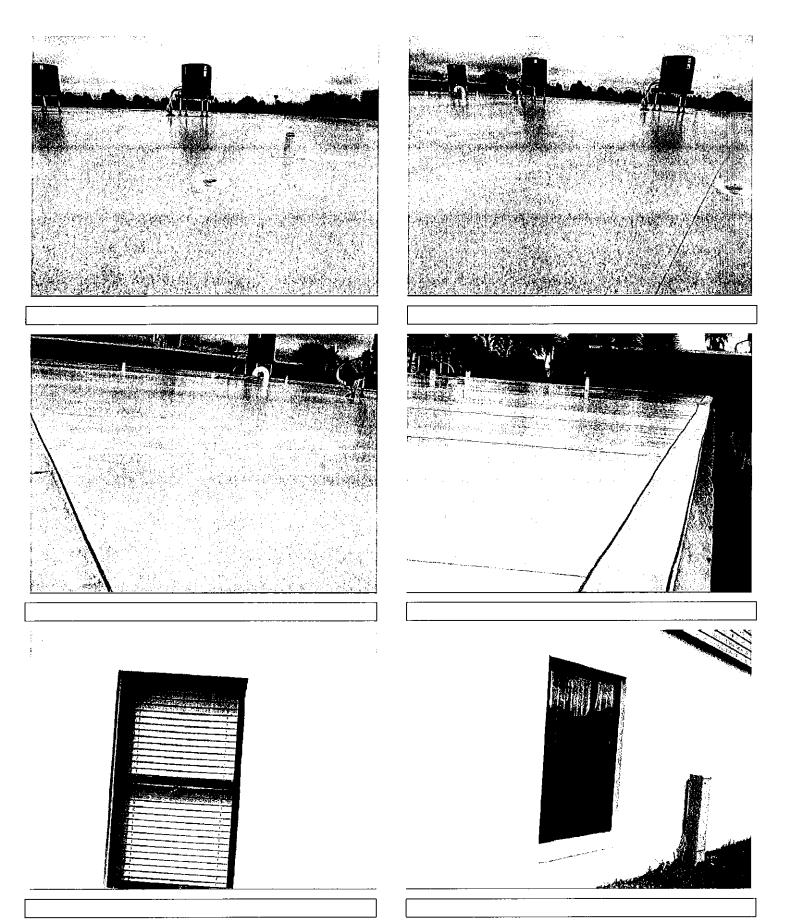






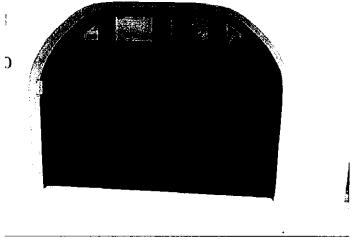


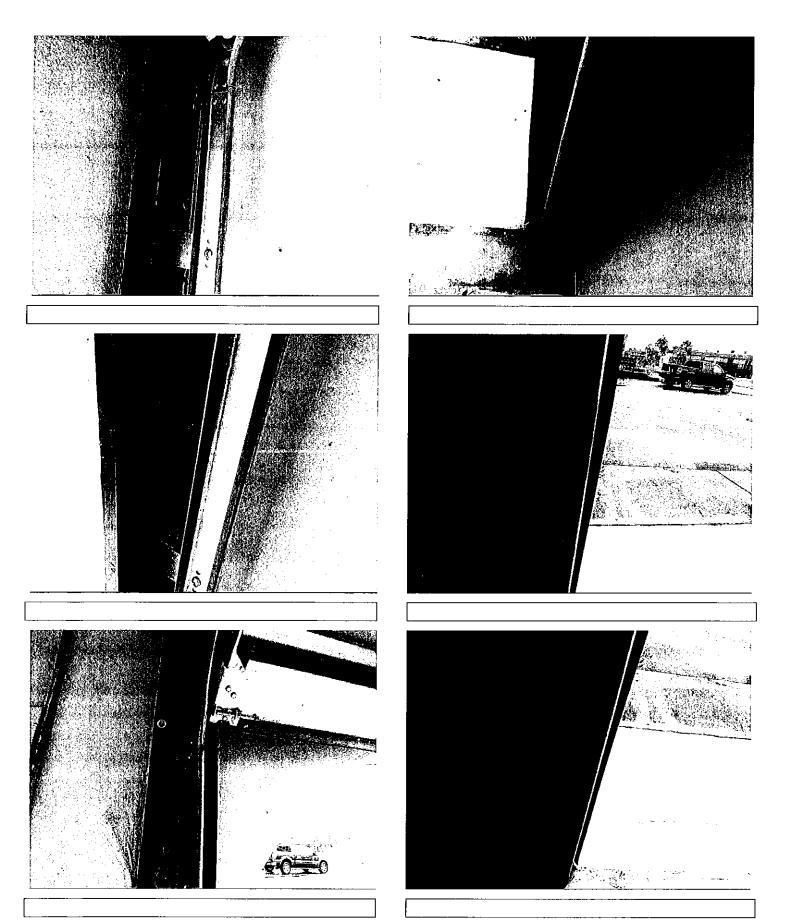












Uniform Mitigation Verification Inspection Form

Maintain a copy of this form and any documentation provided with the insurance policy

Inspection Date: Sep 10, 2024							
Owner Information							
Owner Name: Ocean Palm Villas North HOA Contact Person: Dana							
Address: Building 7, Ocean Palm Villas 3			Home Phone:				
City: Flagler Beach	Zip: 32136		Work Phone: 321-352-6	6278			
County: Flagler			Cell Phone:				
Insurance Company:			Policy #:				
Year of Home: 1979 # of Stories: 2 Email: team@flcoastmgt.com							
NOTE: Any documentation used in valid accompany this form. At least one photo though 7. The insurer may ask additional	graph must accompany	this form to validate	each attribute marked				
 Building Code: Was the structure built in compliance with the Florida Building Code (FBC 2001 or later) OR for homes located in the HVHZ (Miami-Dade or Broward counties), South Florida Building Code (SFBC-94)? A. Built in compliance with the FBC: Year Built 1979 For homes built in 2002/2003 provide a permit application with a date after 3/1/2002: Building Permit Application Date MMDD/YYYY B. For the HVHZ Only: Built in compliance with the SFBC-94: Year Built For homes built in 1994, 1995, and 19 provide a permit application with a date after 9/1/1994: Building Permit Application Date							
covering identified.	Application		ear of Original Installation or Replacement	No Information Provided for Compliance			
1. Asphalt/Fiberglass Shingle 2. Concrete/Clay Tile 3. Metal 4. Built Up	1	19-0617.04	2019				
 ✓ A. All roof coverings listed above meet the FBC with a FBC or Miami-Dade Product Approval listing current at time of installation OR have a roofing permit application date on or after 3/1/02 OR the roof is original and built in 2004 or later. ☐ B. All roof coverings have a Miami-Dade Product Approval listing current at time of installation OR (for the HVHZ only) a roofing permit application after 9/1/1994 and before 3/1/2002 OR the roof is original and built in 1997 or later. ☐ C. One or more roof coverings do not meet the requirements of Answer "A" or "B". ☐ D. No roof coverings meet the requirements of Answer "A" or "B". ☐ A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below. ☐ B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 6" inches in the fieldOR- Dimensional lumber/Tongue & Groove decking with a minimum of 2 nails per board (or 1 nail per board if each board is equal to or less than 6 inches in width)OR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent 							
Inspectors Initials RMB Property Addres *This verification form is valid for up to fi		cean Palm Villas 3	Flagler Beac				

Page 1 of 4 OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155

			greater res 2 psf.	istance than 8d common halfs spaced a maximum of 6 inches in the field of has a mean upilit resistance of at least
	$ \overline{\mathbf{V}} $		-	d Concrete Roof Deck.
		F.	Unknown	or unidentified.
		G.	No attic a	ccess.
4.		et o		achment: What is the <u>WEAKEST</u> roof to wall connection? (Do not include attachment of hip/valley jacks within e or outside corner of the roof in determination of WEAKEST type)
	Ш	Α.		Truss/rafter anchored to top plate of wall using nails driven at an angle through the truss/rafter and attached to the top plate of the wall, or
				Metal connectors that do not meet the minimal conditions or requirements of B, C, or D
	Miı	nim	al conditio	ons to qualify for categories B, C, or D. All visible metal connectors are:
				Secured to truss/rafter with a minimum of three (3) nails, and
				Attached to the wall top plate of the wall framing, or embedded in the bond beam, with less than a ½" gap from the blocking or truss/rafter and blocked no more than 1.5" of the truss/rafter, and free of visible severe corrosion.
	Ш	В.	Clips	
				Metal connectors that do not wrap over the top of the truss/rafter, or Metal connectors with a minimum of 1 strap that wraps over the top of the truss/rafter and does not meet the nail position requirements of C or D, but is secured with a minimum of 3 nails.
		C.	Single Wr	
				Metal connectors consisting of a single strap that wraps over the top of the truss/rafter and is secured with a minimum of 2 nails on the front side and a minimum of 1 nail on the opposing side.
		D.	Double W	
			L	Metal Connectors consisting of 2 separate straps that are attached to the wall frame, or embedded in the bond beam, on either side of the truss/rafter where each strap wraps over the top of the truss/rafter and is secured with a minimum of 2 nails on the front side, and a minimum of 1 nail on the opposing side, or
				Metal connectors consisting of a single strap that wraps over the top of the truss/rafter, is secured to the wall on both sides, and is secured to the top plate with a minimum of three nails on each side.
			Structural	Anchor bolts structurally connected or reinforced concrete roof.
	\square		· · · · · · · · · · · · · · · · · · ·	ured Concrete
	닖			or unidentified
	ĽΫ́Ι	н.	No attic ac	cess
5.				What is the roof shape? (Do not consider roofs of porches or carports that are attached only to the fascia or wall of over unenclosed space in the determination of roof perimeter or roof area for roof geometry classification).
	\checkmark	Α.	Hip Roof	Hip roof with no other roof shapes greater than 10% of the total roof system perimeter.
		В.	Flat Roof	Total length of non-hip features: 0 feet; Total roof system perimeter: feet Roof on a building with 5 or more units where at least 90% of the main roof area has a roof slope of
		C.	Other Roo	less than 2:12. Roof area with slope less than 2:12 sq ft; Total roof area sq ft Any roof that does not qualify as either (A) or (B) above.
6.	Sec	А. В.	SWR (also sheathing dwelling f No SWR.	Resistance (SWR): (standard underlayments or hot-mopped felts do not qualify as an SWR) called Sealed Roof Deck) Self-adhering polymer modified-bitumen roofing underlayment applied directly to the or foam adhesive SWR barrier (not foamed-on insulation) applied as a supplemental means to protect the from water intrusion in the event of roof covering loss.
Ins	 speci			Mß Property Address Building 7, Ocean Palm Villas 3 Flagler Beach
	•			rm is valid for un to five (5) years provided no material changes have been made to the structure or
**			THE STREET STREET	

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure o inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable.

Dlaga	an "X" in each row to identify all forms of protection in use for each					Ope	enings			
openi	ng type. Check only one answer below (A thru X), based on the weakes	Windows or Entry	Garage	Skylights	Glass	Entry	Garage			
	of protection (lowest row) for any of the Glazed openings and indicat eakest form of protection (lowest row) for Non-Glazed openings.	Doors	Doors	J. Skylights	Block	Doors	Doors			
N/A	Not Applicable- there are no openings of this type on the structure		X		X					
Α	Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights)			1	^					
В	Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights)			 		×	X			
С	Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007					-^ -				
	Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E									
D	330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance									
N	Opening Protection products that appear to be A or B but are not verified									
.,	Other protective coverings that cannot be identified as A, 8, or C									
Х	No Windborne Debris Protection	X		X						
	rstem of the State of Florida or Miami-Dade County and meet the required Large Missile Impact" (Level A in the table above).	iirements o	i one of t	ne tollowi	ng tor "	Cyclic F	ressure			
-	Miami-Dade County PA 201, 202, and 203									
	Florida Building Code Testing Application Standard (TAS) 20)1. 202 and	1 203							
	American Society for Testing and Materials (ASTM) E 1886									
	Southern Standards Technical Document (SSTD) 12									
	For Skylights Only: ASTM E 1886 and ASTM E 1996									
	For Garage Doors Only: ANSI/DASMA 115									
	A.1 All Non-Glazed openings classified as A in the table above, or no Non-G	lazed openii	ngs exist							
_	A.2 One or More Non-Glazed openings classified as Level D in the table abo X in the table above	-	-	d openings o	classified	l as Leve	l B, C, N,			
	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is	n the table al	ove							
op in	Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large benings are protected, at a minimum, with impact resistant coverings of the product approval system of the State of Florida or Miami-Dade C r "Cyclic Pressure and Large Missile Impact" (Level B in the table ab	or products ounty and	listed as	windborne	debris į	protection				
	ASTM E 1886 and ASTM E 1996 (Large Missile – 4.5 lb.)									
	SSTD 12 (Large Missile – 4 lb. to 8 lb.)									
	For Skylights Only: ASTM E 1886 and ASTM E 1996 (Large	Missile - 2	to 4.5 lb.)							
	B.1 All Non-Glazed openings classified as A or B in the table above, or no N			cist						
_	B.2 One or More Non-Glazed openings classified as Level D in the table aborin the table above				lassified	as Level	I C, N, or			
	B.3 One or More Non-Glazed openings is classified as Level C, N, or X in the	e table above	•							
] <u>C.</u> ply	Exterior Opening Protection- Wood Structural Panels meeting FI wood/OSB meeting the requirements of Table 1609.1.2 of the FBC 20	3C 2007 007 (Level	All C	Glazed ope table above	nings ar e).	e covere	ed with			
	C.1 All Non-Glazed openings classified as A, B, or C in the table above, or no	o Non-Glaze	d opening	s exist						
	· · · · · · · · · · · · · · · · · · ·									

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure or

__C.3 One or More Non-Glazed openings is classified as Level N or X in the table above

Inspectors Initials RMB Property Address Building 7, Ocean Palm Villas 3

C.2 One or More Non-Glazed openings classified as Level D in the table above, and no Non-Glazed openings classified as Level N or X in

the table above

inaccuracies found on the form.

Opening Protection Level Chart

Flagler Beach

Non-Glazed

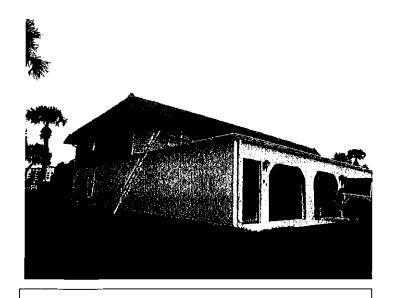
Openings

Glazed Openings

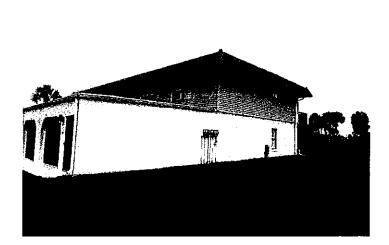
N. Exterior Opening Protection (unverified)	ied shutter systems with no documenta	ition) All Glazed open	ings are protected with
protective coverings not meeting the requir	ements of Answer "A", "B", or C" or sys	stems that appear to mee	t Answer "A" or "B"
with no documentation of compliance (Lev	el N in the table above).		
N.1 All Non-Glazed openings classified as Le			
N.2 One or More Non-Glazed openings classitable above	ified as Level D in the table above, and no No	on-Glazed openings classifi	ed as Level X in the
N.3 One or More Non-Glazed openings is cla	ssified as Level X in the table above		
X. None or Some Glazed Openings One of	r more Glazed openings classified and L	evel X in the table above	э.
	NS MUST BE CERTIFIED BY A QUAL		
	tatutes, provides a listing of individuals		
Qualified Inspector Name: RHETT M BRADLEY	License Type: Home Inspector	License or Certifica	<u>te #:</u> ∃I12066
Inspection Company:	Email:	Phon	e;
Bradders Property Inspection Services, LLC	Bradders PIS@gmail.	com	386-243-2263
Qualified Inspector – I hold an active li	cense as a : (check one)		
✓ Home inspector licensed under Section 468.8314, 1			ricane mitigation
training approved by the Construction Industry Lic	ensing Board and completion of a proficiency	exam.	
Building code inspector certified under Section 468	•		
General, building or residential contractor licensed	under Section 489.111, Florida Statutes.		
Professional engineer licensed under Section 471.0			
Professional architect licensed under Section 481.2			
Any other individual or entity recognized by the in verification form pursuant to Section 627.711(2), F		ns to properly complete a u	iniform mitigation
Individuals other than licensed contractors lice	nsed under Section 489.111, Florida St	atutes, or professional	engineer licensed
under Section 471.015, Florida Statues, must in			
Licensees under s.471.015 or s.489.111 may aut		the requisite skill, kno	owledge, and
experience to conduct a mitigation verification i			
	inspector and I personally performed	the inspection or (lice	nsed
(print name) contractors and professional engineers only) I h	ad my employee () perform the inspe	ection
community of the	(print name o		Cetton
and I agree to be responsible for his/her work.	· ·	1 /	^
Qualified Inspector Signature: (4-1144)	Date:	Sep 10, 2024	TO BOLLO
			PSDC18022 84K12
An individual or entity who knowingly or throu	gh gross negligence provides a false or	fraudulent mitigation	verification form is
subject to investigation by the Florida Division			
appropriate licensing agency or to criminal pro- certifies this form shall be directly liable for the	misconduct of employees as if the auti	norized mitigation insp	ector personally
performed the inspection.	in secondari of employees as if the auti	10112cu muganon map	cetor personany
	10 10 11		
Homeowner to complete: I certify that the name residence identified on this form and that proof of its form.			
•	•	•	ve.
Signature:	Date: Sep 10, 20	124	İ
An individual or entity who knowingly provides			
obtain or receive a discount on an insurance pre		y is not entitled commit	ts a misdemeanor
of the first degree. (Section 627.711(7), Florida S	Statutes)		
The definitions on this form are for inspection pass offering protection from hurricanes.	urposes only and cannot be used to cer	rtify any product or co	nstruction feature
Inspectors Initials RMB Property Address	Building 7 Ocean Palm Villas 3	Flagler Beach	1
		i lagioi boadi	•
*This verification form is valid for up to five (5) inaccuracies found on the form.	years provided no material changes h	ave been made to the s	tructure or

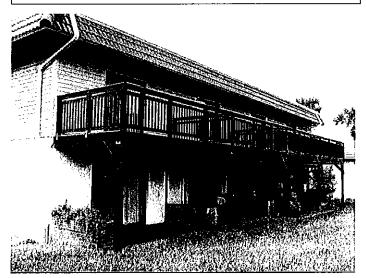
Page 4 of 4

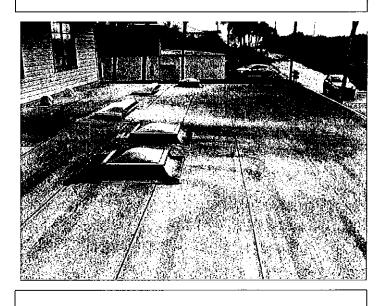
OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155

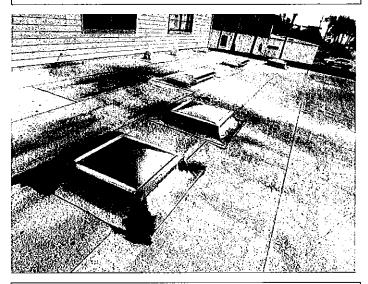


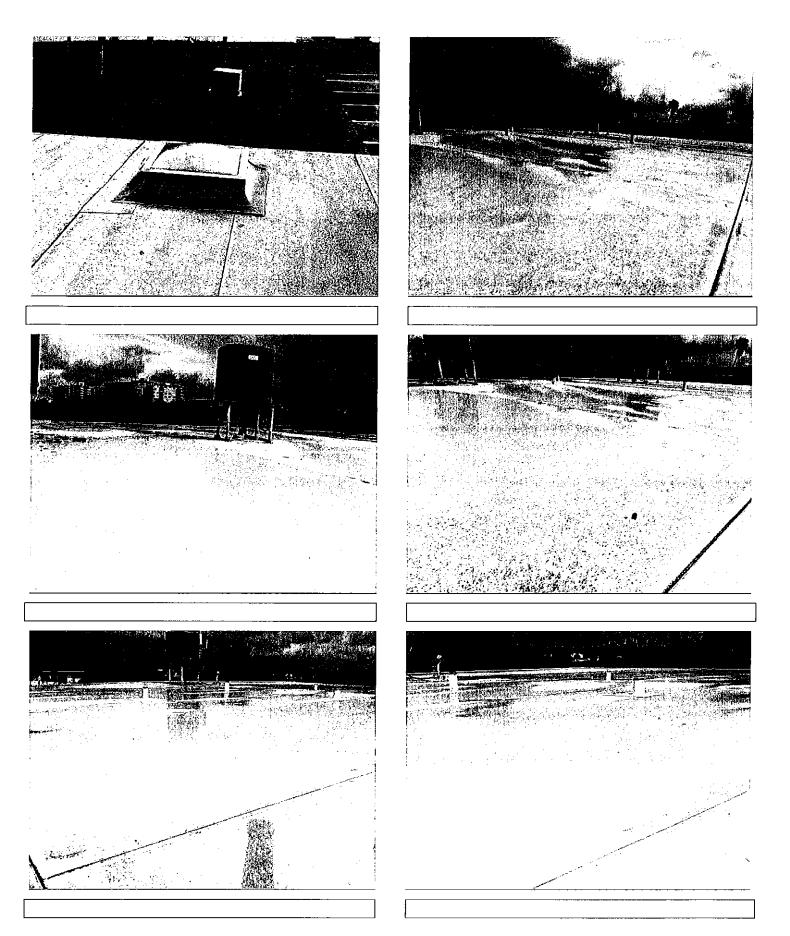


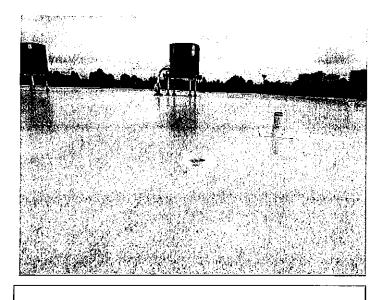


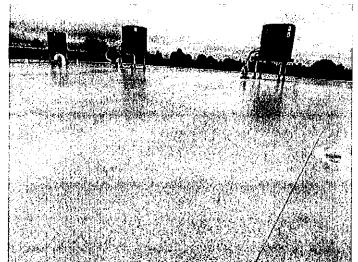


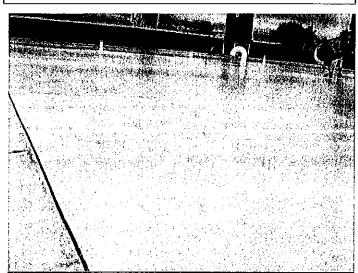




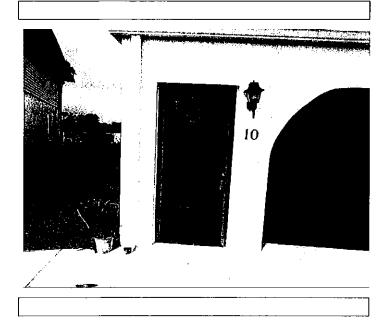




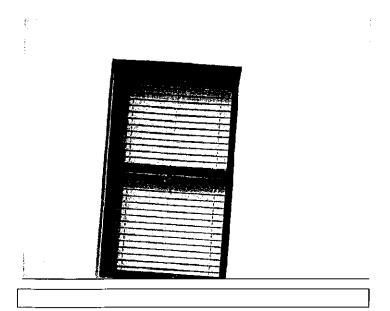


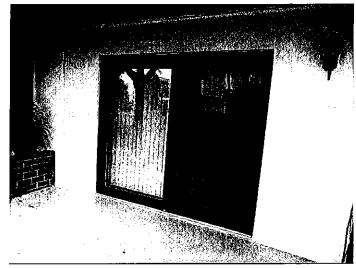


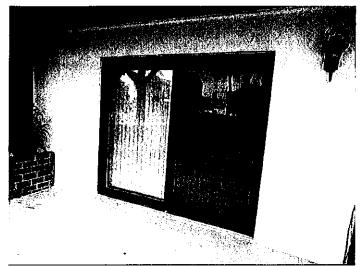






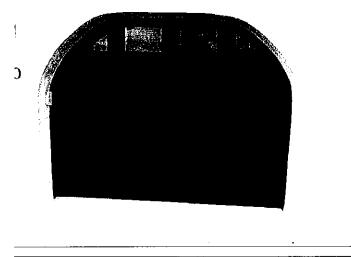


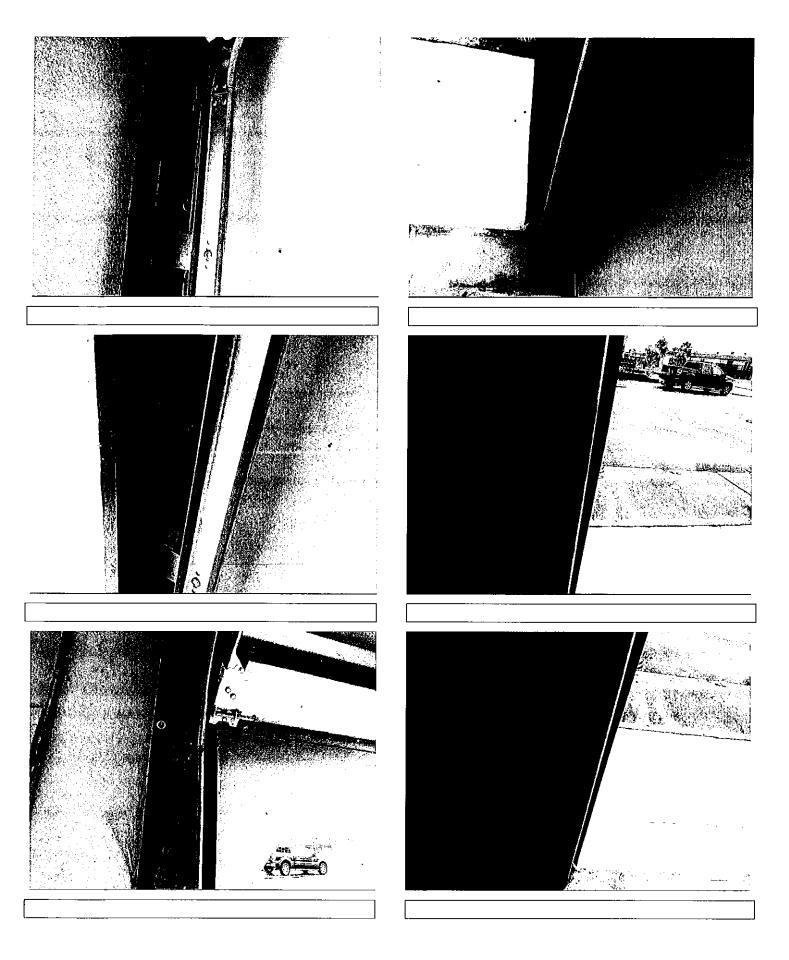












Uniform Mitigation Verification Inspection Form

Inspection Date: Sep 10, 2024 Owner Information		orm and any documentation provide	ed with the insurance po	эпсу					
Owner Name: Ocean Palm Villas North HOA	Inspection Date: Sep 10, 2024								
Address: Building 8, Ocean Palm Villas 3 City: Flagler Beach Zip: 32136 Work Phone: 321-352-6278 Country: Flagler Round Phone: 1979 3 of Stories: 2 NOTE: Any documentation used in validating the compliance or existence of each construction or mitigation attribute must accompany this form. At least one photograph must accompany this form to validate each attribute marked in questions 3 though 7. The insurer may ask additional questions regarding the mitigated feature(s) verified on this form. 1. Building Code: Was the structure built in compliance with the Florida Building Code (FIRC 2001 or later) OR for homes located in the HVHZ (Miami-Dade or Broward countles), South Florida Building Code (FIRC 2001 or later) OR for homes located in the HVHZ (Miami-Dade or Broward countles), South Florida Building Code (FIRC 2001 or later) OR for homes located in the HVHZ (Miami-Dade or Broward countles), South Florida Building Code (FIRC 2001 or later) OR for homes located in the HVHZ (Miami-Dade or Broward countles), South Florida Building Code (SHBC-949) A. Built in compliance with the FIRC Year Built 1979 For homes built in 2002/2003 provide a permit application with a date after 91/1994. Building Permit Application Date Consensory or year of the HVHZ (Miami-Dade Product Approxal Date Consensory or year of Original Installation/Replacement OR indicate that no information was available to verify compliance for each roof covering pistent in the product Approxal Building Permit Application Date Consensory or year of Original Installation/Replacement OR indicate that no information was available to verify compliance for each roof or installation OR have a roofing permit application of the Product Approval Building Consensory or year of Original Installation/Replacement OR indicate that no information was available to verify compliance for each roof installation OR Roof or the product Approval Insting current at time of installation OR have a roofing permit application after 91/1994 and before 31/1909 OR the		-							
City-Flagler Peach County-Flagler County-Flagler Coll Phone: Insurance Company: Year of Home: 1979 # of Stories: 7 Email: leam@ficoastingt.com NOTE: Any documentation used in validating the compliance or existence of each construction or militagetion attribute must accompany this form. At least one photograph must accompany this form to validate each attribute marked in questions 3 though 7. The Insurer may ask additional questions regarding the mitigated feature(s) verified on this form. 1. Building Code: Was the structure built in compliance with the Florida Building Code (SPBC-94)? A. Built in compliance with the FBC: Year Built 1979. For homes built in 2002/2003 provide a permit application with a date after 3/11/2002. Built in compliance with the SPBC-94! Year Built 1979. For homes built in 2002/2003 provide a permit application with a date after 3/11/2002. Built in compliance with the SPBC-94! Year Built 1979. For homes built in 1994, 1995, and 199 provide a permit application with a date after 3/11/2002. Built in compliance with the SPBC-94! Year Built For homes built in 1994, 1995, and 199 provide a permit application with a date after 3/11/2002. Built in compliance with the SPBC-94! Year Built For homes built in 1994, 1995, and 199 provide a permit application with a date after 3/11/2002. Built in 1994, 1995, and 199 provide a permit application with a date after 3/11/2002. Built Application Date Posteropermity Poster			<u> </u>						
Country-Flagler Policy #: Insurance Company:		7: 204.00							
Insurance Company: Policy #: Year of Home: 1979 # of Stories: 2 Email: team@ficoastrugt.com		Zip: 32136	r	5278					
Year of Home: 1879	- 0								
NOTE: Any documentation used in validating the compliance or existence of each construction or mitigation attribute must accompany this form. At least one photograph must accompany this form to validate each attribute marked in questions 3 though 7. The insurer may ask additional questions regarding the mitigated feature(s) verified on this form to the insurer may ask additional questions regarding the mitigated feature(s) verified on this form to the insurer may ask additional questions regarding the mitigated feature(s) verified on this form to the first of the form of the		W 00	<u> </u>						
accompany this form. At least one photograph must accompany this form to validate each attribute marked in questions 3 though 7. The insurer may ask additional questions regarding the mitigated feature(s) verified on this Portified on this Portified on the Phylic Manual Properties of the Phylic Manual Properties of the Phylic Manual Properties of P	Year of Home: 1979	# of Stories: 2	Email: team@flcoastm	gt.com					
the HVHZ (Mismi-Dade or Broward counties), South Florida Building Code (SFRC-94)? A. Built in compliance with the FBC: Year Built	accompany this form. At least one photog	raph must accompany this form to valid	late each attribute marked	in questions 3					
2. Roof Covering: Select all roof covering types in use. Provide the permit application date OR FBC/MDC Product Approval number OR Year of Original Installation/Replacement OR indicate that no information was available to verify compliance for each roof covering identified. Primit Application Primit App	the HVHZ (Miami-Dade or Broward cou A. Built in compliance with the FBC a date after 3/1/2002: Building Perm B. For the HVHZ Only: Built in com	inties), South Florida Building Code (SFBC: Year Built <u>1979</u> . For homes buil it Application Date (MM/DD/YYYY) upliance with the SFBC-94: Year Built	C-94)? t in 2002/2003 provide a per . For homes built in	mit application with					
OR Year of Original Installation/Replacement OR indicate that no information was available to verify compliance for each roof covering identified. 1.1 Roof Covering Type: Permit Application Permit Application Product Approval # Vest of Original Installation or Replacement Product Approval # Product Approval Product	C. Unknown or does not meet the red	quirements of Answer "A" or "B"							
2.1 Roof Covering Type: Permit Application FEC or MDC Product Approval in Technology (Compliance Compliance Co	OR Year of Original Installation/Replace	Roof Covering: Select all roof covering types in use. Provide the permit application date OR FBC/MDC Product Approval number OR Year of Original Installation/Replacement OR indicate that no information was available to verify compliance for each roof							
2 ConcreeClay Tile 3 Metal 4 Bain Up √3 Membrane 19-0617.04 19-0617.04 2019 √3 A. All roof coverings listed above meet the FBC with a FBC or Miami-Dade Product Approval listing current at time of installation OR have a roofing permit application date on or after 3/1/02 OR the roof is original and built in 2004 or later. B. All roof coverings have a Miami-Dade Product Approval listing current at time of installation OR have a roofing permit application date on or after 3/1/02 OR the roof is original and built in 2004 or later. B. All roof coverings have a Miami-Dade Product Approval listing current at time of installation OR (for the HVHZ only) a roofing permit application after 9/1/1994 and before 3/1/2002 OR the roof is original and built in 1997 or later. C. One or more roof coverings do not meet the requirements of Answer "A" or "B". 3. Roof Deck Attachment: What is the weakest form of roof deck attachment? A Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below. B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent or greater resistance 8d nails spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 6" inches in the fieldOR- Dimensional lumber/Tongue & Groove decking with a minimum of 2 nails per board (or 1 nail per board if each board is equal to or less than 6 inches in width)OR- Any system of screws, nails, adhes	Permit # 2,1 Roof Covering Type:			Provided for					
3. Menult 4. Built-Up	1. Asphalt/Fiberglass Shingle								
 ✓ A. All roof coverings listed above meet the FBC with a FBC or Miami-Dade Product Approval listing current at time of installation OR have a roofing permit application date on or after 3/1/02 OR the roof is original and built in 2004 or later. ☐ B. All roof coverings have a Miami-Dade Product Approval listing current at time of installation OR (for the HVHZ only) a roofing permit application after 9/1/1994 and before 3/1/2002 OR the roof is original and built in 1997 or later. ☐ C. One or more roof coverings do not meet the requirements of Answer "A" or "B". ☐ D. No roof coverings meet the requirements of Answer "A" or "B". 3. Roof Deck Attachment: What is the weakest form of roof deck attachment? ☐ A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below. ☐ B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent or greater resistance 8d nails spaced a maximum of 12 inches in the field or has a mean uplift resistance of at least 103 psf. ☐ C. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 6" inches in the fieldOR- Dimensional lumber/Tongue & Groove decking with a minimum of 2 nails per board (or 1 nail per board if each board is	3. Metal 4. Built Up								
installation OR have a roofing permit application date on or after 3/1/02 OR the roof is original and built in 2004 or later. B. All roof coverings have a Miami-Dade Product Approval listing current at time of installation OR (for the HVHZ only) a roofing permit application after 9/1/1994 and before 3/1/2002 OR the roof is original and built in 1997 or later. C. One or more roof coverings do not meet the requirements of Answer "A" or "B". D. No roof coverings meet the requirements of Answer "A" or "B". 3. Roof Deck Attachment: What is the weakest form of roof deck attachment? A. Plywood/Oriented strand board (OSB) roof sheathing attached to the roof truss/rafter (spaced a maximum of 24" inches o.c.) by staples or 6d nails spaced at 6" along the edge and 12" in the fieldOR- Batten decking supporting wood shakes or wood shinglesOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that has an equivalent mean uplift less than that required for Options B or C below. B. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 12" inches in the fieldOR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent or greater resistance 8d nails spaced a maximum of 12 inches in the field or has a mean uplift resistance of at least 103 psf. C. Plywood/OSB roof sheathing with a minimum thickness of 7/16"inch attached to the roof truss/rafter (spaced a maximum of 24"inches o.c.) by 8d common nails spaced a maximum of 6" inches in the fieldOR- Dimensional lumber/Tongue & Groove decking with a minimum of 2 nails per board (or 1 nail per board if each board is equal to or less than 6 inches in width)OR- Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent Inspectors Initials RMB Property Address Building 8,	S. Other (Collect Distriction)	27 0100.01	2010	L					
Any system of screws, nails, adhesives, other deck fastening system or truss/rafter spacing that is shown to have an equivalent Inspectors Initials RMB Property Address Building 8, Ocean Palm Villas 3 Flagler Beach	installation OR have a roofing permit B. All roof coverings have a Miami-I roofing permit application after 9/1/1 C. One or more roof coverings do not D. No roof coverings meet the requir 3. Roof Deck Attachment: What is the weat A. Plywood/Oriented strand board (Coby staples or 6d nails spaced at 6" alcoshinglesOR- Any system of screws mean uplift less than that required for B. Plywood/OSB roof sheathing with 24"inches o.c.) by 8d common nails so other deck fastening system or truss/romaximum of 12 inches in the field or C. Plywood/OSB roof sheathing with 24"inches o.c.) by 8d common nails so	a application date on or after 3/1/02 OR the Dade Product Approval listing current at tin 1994 and before 3/1/2002 OR the roof is or it meet the requirements of Answer "A" or "ements of Answer "A" or "B". 10 Indeed to the roof true of the edge and 12" in the fieldOR-Bate, nails, adhesives, other deck fastening system of the edge and 12" in the fieldOR-Bate, nails, adhesives, other deck fastening system options B or C below. 10 In a minimum thickness of 7/16" inch attach spaced a maximum of 12" inches in the field that a mean uplift resistance of at least 10% in a minimum thickness of 7/16" inch attach a minimum thickness of 7/16" inch a	roof is original and built in the of installation OR (for the ginal and built in 1997 or late 'B". ss/rafter (spaced a maximum ten decking supporting wood tem or truss/rafter spacing the decking system of screw valent or greater resistance & B psf. ed to the roof truss/rafter (spOR- Dimensional lumber/	2004 or later. e HVHZ only) a ter. n of 24" inches o.c.) I shakes or wood at has an equivalent eaced a maximum of vs, nails, adhesives, Id nails spaced a aced a maximum of Tongue & Groove					
			• •	•					
	-	-	riagier Beac	II					

This verification form is valid for up to five (5) years provided no material changes have been made to the structure. OIR-B1-1802 (Rev. 01/12) Adopted by Rule 69O-170.0155 Page 1 of 4

			greater res 2 psf.	istance than 8d common halls	spaced a maximum of 6 ii	iches in the field or ha	is a mean uplift resista	ince of at least
	\checkmark		-	ed Concrete Roof Deck.				
		E.	Other:					
		F.	Unknown	or unidentified.				
		G.	No attic a	ccess.				
4.		et (tachment: What is the WEAK e or outside corner of the roof			nttachment of hip/valle	ey jacks within
		1 x .		Truss/rafter anchored to top the top plate of the wall, or	plate of wall using nails d	iven at an angle throu	gh the truss/rafter and	attached to
				Metal connectors that do not	meet the minimal condition	ons or requirements of	B, C, or D	
	Mir	ıim	al conditio	ons to qualify for categories l	B, C, or D. All visible me	tal connectors are:		
				Secured to truss/rafter with a	minimum of three (3) nai	ls, and		
				Attached to the wall top plate the blocking or truss/rafter a corrosion.				
	Ш	В.	Clips					
				Metal connectors that do not Metal connectors with a min position requirements of C of	imum of 1 strap that wraps	over the top of the tru	uss/rafter and does no	t meet the nail
		C.	Single Wr	-				1 1.1
				Metal connectors consisting minimum of 2 nails on the fr				ed with a
		D.	Double W	•				
			Ц	Metal Connectors consisting beam, on either side of the tra a minimum of 2 nails on the	uss/rafter where each strap	wraps over the top of	f the truss/rafter and is	
				Metal connectors consisting of both sides, and is secured to				o the wall on
		E.	Structural	Anchor bolts structurally	connected or reinforced of	oncrete roof.		
	\square		· · · · · · · · · · · · · · · · · · ·	ured Concrete				
	片			or unidentified				
	V	н.	No attic ac	ccess				
5.				What is the roof shape? (Do n over unenclosed space in the c				
	\checkmark	Α.	Hip Roof		oof shapes greater than 109			
		В.	Flat Roof	Roof on a building with	Features: 0 feet; Tota 5 or more units where at le	east 90% of the main re	oof area has a roof slo	=
		C.	Other Roo		with slope less than 2:12 ualify as either (A) or (B)		roof area	_sq ft
6.	Sec	A.	SWR (also sheathing dwelling f	r Resistance (SWR): (standar o called Sealed Roof Deck) Se or foam adhesive SWR barrie from water intrusion in the eve	elf-adhering polymer modi r (not foamed-on insulatio	fied-bitumen roofing u	ınderlayment applied	
	\mathbb{H}	C.	No SWR. Unknown	or undetermined.				
In	spec			MB Property Address	Building 8, Ocean Palm	Villas 3	Flagler Beach	-
÷Т	hic s		fication for	rm is valid for up to five (5):	vaare providad na mater	al changes have been	n mada ta tha etruati	iro or

^{*}This verification form is valid for up to five (5) years provided no material changes have been made to the structure o inaccuracies found on the form.

7. Opening Protection: What is the weakest form of wind borne debris protection installed on the structure? First, use the table to determine the weakest form of protection for each category of opening. Second, (a) check one answer below (A, B, C, N, or X) based upon the lowest protection level for ALL Glazed openings and (b) check the protection level for all Non-Glazed openings (.1, .2, or .3) as applicable.

Place an "X" in each row to identify all forms of protection in use for each							
open form	of protection (lowest row) for any of the Glazed openings and indicat reakes form of protection (lowest row) for any of the Glazed openings and indicat reakest form of protection (lowest row) for Non-Glazed openings.	Windows or Entry Doors	Garage Doors	Skylights	Glass Block	Entry Doors	Garage Doors
N/A	Not Applicable- there are no openings of this type on the structure		×		X		
Α	Verified cyclic pressure & large missile (9-lb for windows doors/4.5 lb for skylights)						
В	Verified cyclic pressure & large missile (4-8 lb for windows doors/2 lb for skylights)					X	X
С	Verified plywood/OSB meeting Table 1609.1.2 of the FBC 2007						
D	Verified Non-Glazed Entry or Garage doors indicating compliance with ASTM E 330, ANSI/DASMA 108, or PA/TAS 202 for wind pressure resistance						
N	Opening Protection products that appear to be A or B but are not verified						
	Other protective coverings that cannot be identified as A, B, or C						
X	No Windborne Debris Protection	X		X			
	Florida Building Code Testing Application Standard (TAS) 20 American Society for Testing and Materials (ASTM) E 1886 a						
	Southern Standards Technical Document (SSTD) 12						
	For Skylights Only: ASTM E 1886 and ASTM E 1996 For Garage Doors Only: ANSI/DASMA 115						
Г	A.1 All Non-Glazed openings classified as A in the table above, or no Non-G	dazed onenii	ios exist				
=	A.2 One or More Non-Glazed openings classified as Level D in the table abo X in the table above	-	=	d openings o	classified	l as Leve	B, C, N
	A in the table above						
$\exists \underline{B}$	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X in	n the table al	oove				
ir		e Missile (2 or products ounty and 1	2-4.5 lb followed	windborne	debris j	protection	n devic
ir	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large penings are protected, at a minimum, with impact resistant coverings on the product approval system of the State of Florida or Miami-Dade C	e Missile (2 or products ounty and 1	2-4.5 lb followed	windborne	debris j	protection	n devic
ir	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large penings are protected, at a minimum, with impact resistant coverings on the product approval system of the State of Florida or Miami-Dade C or "Cyclic Pressure and Large Missile Impact" (Level B in the table ab	e Missile (2 or products ounty and 1	2-4.5 lb followed	windborne	debris j	protection	n devic
ir	A.3 One or More Non-Glazed Openings is classified as Level B, C, N, or X is Exterior Opening Protection- Cyclic Pressure and 4 to 8-lb Large penings are protected, at a minimum, with impact resistant coverings on the product approval system of the State of Florida or Miami-Dade C or "Cyclic Pressure and Large Missile Impact" (Level B in the table ab ASTM E 1886 and ASTM E 1996 (Large Missile – 4.5 lb.)	e Missile (2 or products ounty and 1 ove):	2-4.5 lb followed listed as a meet the a	windborne	debris j	protection	

B.3 One or More Non-Glazed openings is classified as Level C, N, or X in the table above

C. Exterior Opening Protection- Wood Structural Panels meeting FBC 2007

All Glazed openings are covered with plywood/OSB meeting the requirements of Table 1609.1.2 of the FBC 2007 (Level C in the table above).

C.1 All Non-Glazed openings classified as A, B, or C in the table above, or no Non-Glazed openings exist

B.1 All Non-Glazed openings classified as A or B in the table above, or no Non-Glazed openings exist

C.2 One or More Non-Glazed openings classified as Level D in the table above, and no Non-Glazed openings classified as Level N or X in the table above

B.2 One or More Non-Glazed openings classified as Level D in the table above, and no Non-Glazed openings classified as Level C, N, or X

C.3 One or More Non-Glazed openings is classified as Level N or X in the table above

Inspectors Initials RMB Property Address Building 8, Ocean Palm Villas 3 Flagler Beach

*This verification form is valid for up to five (5) years provided no material changes have been made to the structure or inaccuracies found on the form.

in the table above

Opening Protection Level Chart

Non-Glazed

Openings

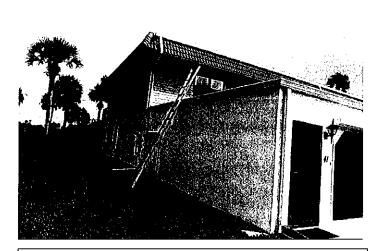
Glazed Openings

N. Exterior Opening Protection (unverified shutter protective coverings not meeting the requirements of A	inswer "A", "B", or C" or systems	
with no documentation of compliance (Level N in the t	,	
 N.1 All Non-Glazed openings classified as Level A, B, C, N.2 One or More Non-Glazed openings classified as Level table above 		• •
N.3 One or More Non-Glazed openings is classified as Lev	vel X in the table above	
X. None or Some Glazed Openings One or more Glazed		in the table above
MITIGATION INSPECTIONS MUST A Section 627.711(2), Florida Statutes, prov	vides a listing of individuals who n	ay sign this form.
Qualified Inspector Name: RHETT M BRADLEY	License Type: Home Inspector	License or Certificate #: HI12066
Inspection Company: Email: Bradders Property Inspection Services, LLC	Bradders PIS@gmail.com	Phone: 386-243-2263
Qualified Inspector – I hold an active license as a		700-243-2203
Home inspector licensed under Section 468.8314, Florida Statut training approved by the Construction Industry Licensing Board Building code inspector certified under Section 468.607, Florida General, building or residential contractor licensed under Section Professional engineer licensed under Section 471.015, Florida S Professional architect licensed under Section 481.213, Florida S Any other individual or entity recognized by the insurer as possiverification form pursuant to Section 627.711(2), Florida Statute	and completion of a proficiency exam. Statutes. 1 489.111, Florida Statutes. tatutes. tatutes. essing the necessary qualifications to proceed the statutes.	
Individuals other than licensed contractors licensed under	Section 489.111, Florida Statutes	, or professional engineer licensed
under Section 471.015, Florida Statues, must inspect the st	ructures personally and not throu	igh employees or other persons.
<u>Licensees under s.471.015 or s.489.111 may authorize a direxperience to conduct a mitigation verification inspection.</u>	ect employee who possesses the r	equisite skin, knowledge, and
I, RHETT M BRADLEY am a qualified inspector a	and I personally performed the in	spection or (licensed
contractors and professional engineers only) I had my empl	loyee () p	perform the inspection ector)
and I agree to be responsible for his/her work.	*	
Qualified Inspector Signature:	Date: Sep 1	0, 2024 nazin
An individual or entity who knowingly or through gross ne subject to investigation by the Florida Division of Insurance appropriate licensing agency or to criminal prosecution. (Secretifies this form shall be directly liable for the misconduct performed the inspection.	e Fraud and may be subject to ac ection 627.711(4)-(7), Florida Sta	Iministrative action by the tutes) The Qualified Inspector who
Homeowner to complete: I certify that the named Qualified residence identified on this form and that proof of identification	d Inspector or his or her employee on was provided to me or my Author	lid perform an inspection of the rized Representative.
Signature:I	Date: Sep 10, 2024	·····
An individual or entity who knowingly provides or utters a obtain or receive a discount on an insurance premium to w of the first degree. (Section 627.711(7), Florida Statutes)	false or fraudulent mitigation ve hich the individual or entity is no	rification form with the intent to t entitled commits a misdemeanor
The definitions on this form are for inspection purposes on as offering protection from hurricanes.	ly and cannot be used to certify a	ny product or construction feature
Inspectors Initials RMB Property Address Building	8. Ocean Palm Villas 3	Flagler Beach
*This	<u> </u>	
*This verification form is valid for up to five (5) years provinaccuracies found on the form.		



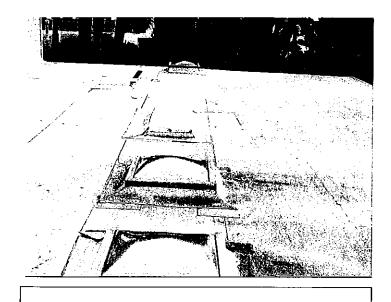


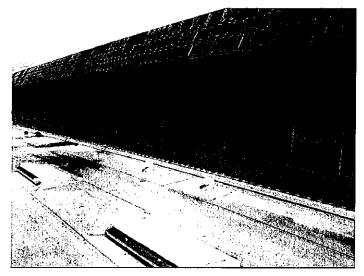




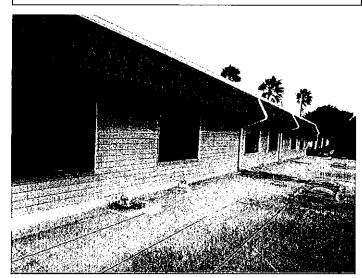


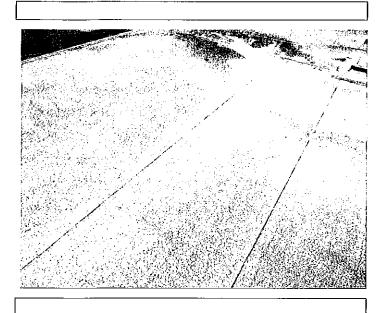


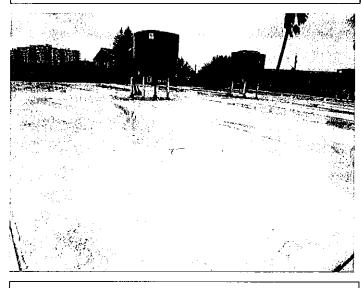


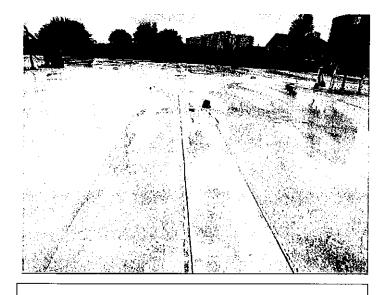








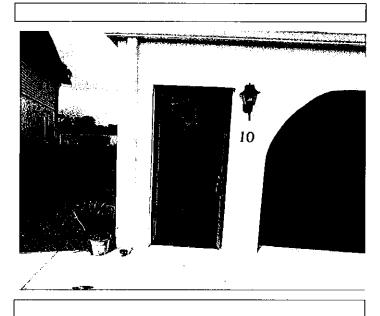


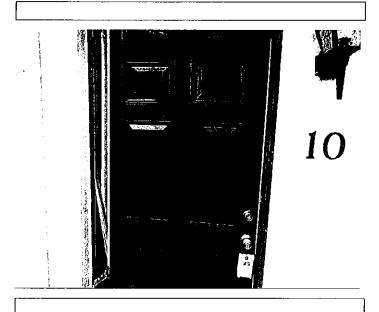


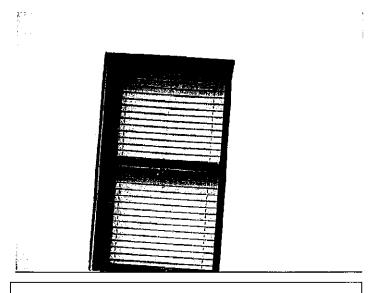


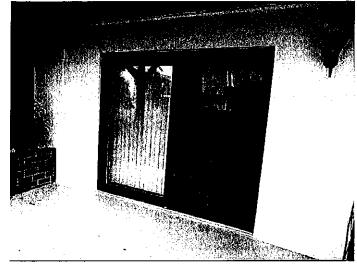


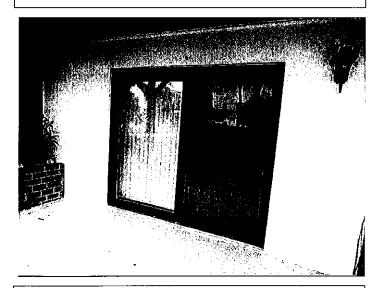


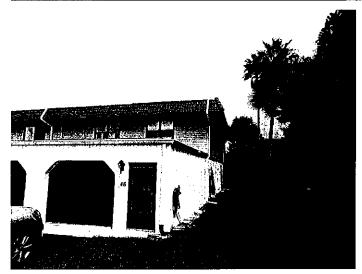


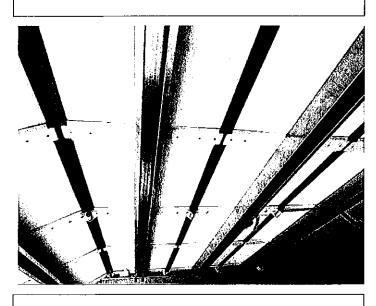


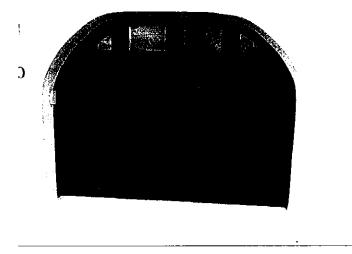


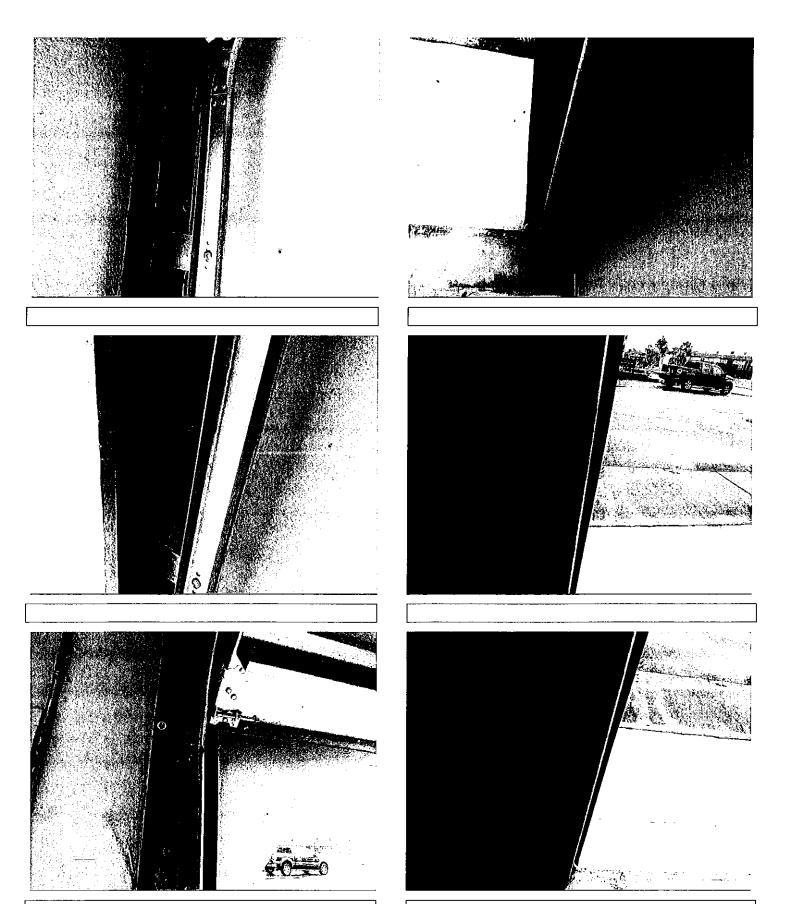












30-12-32-480	0-00000-0000	n ocean palm vil	LAS BLDG 1 (1-6)	Subdivision:	OCEAN PALM VILLA I	
		FLAGLER BEACH FL	., 32136	Lot:	Block:	
Name Infor	mation				, , , , , , , , , , , , , , , , , , ,	
Owner:	OCEAN	PALM VILLAS I		Phor	ne:	
Occupant:				Phor	ne:	
Applicant:	SEAMLE	SS FOAM & COATIN	igs llc	Phor	ne: (386) 290 4843	
Contractor:	SEAMLE	SS FOAM & COATIN	igs llc	Phor	ne: (386) 290 4843	
Licensee:	SEAMLE	SS FOAM & COATIN	igs llc	Phor	ne: (386) 290 4843	
License Issue	d: 09/16/20)19				
License Expire	es: 09/16/20	020				
Permit Info	rmation					
Date Issued:	09/19/2019	Date Ex	xpires: 11/09/2020		Status: FINALED	
Work Descript RE ROOF		OOSE ROCK. ADD G	RAVEL STOP DRIP ED	GE. SPRA POLYU	JRETHANE FOAM WITH SILICON	E TOP COAT
Stipulations:						
Doof in Droam	ess Inspection Ric	bond T MaCaddan				
Roof III Progr	ess mspection Nic	nard I. McFadden				
· · · · · · · · · · · · · · · · · · ·	Completed	nard I. McFadden		Result:	Approved	
Status:	•			Result: Completed:	Approved 10/25/2019 02:02 PM	
Status:	Completed 10/24/2019 12:0				• •	
Status: Scheduled: Comment	Completed 10/24/2019 12:0		G IF POSSIBLE		• •	
Status: Scheduled: Comment Scheduling	Completed 10/24/2019 12:0	0 AM QUESTING MORNIN	G IF POSSIBLE		• •	
Status: Scheduled: Comment Scheduling	Completed 10/24/2019 12:0 ts: g Comment REC	0 AM QUESTING MORNIN	G IF POSSIBLE		10/25/2019 02:02 PM	
Status: Scheduled: Comment Scheduling Roof Final Ins	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T	0 AM QUESTING MORNIN . McFadden	G IF POSSIBLE	Completed:	10/25/2019 02:02 PM Approved	
Status: Scheduled: Comment Scheduling Roof Final Ins Status:	Completed 10/24/2019 12:0 ts: g Comment RECopection Richard T Completed	0 AM QUESTING MORNIN . McFadden	G IF POSSIBLE	Completed:	10/25/2019 02:02 PM	
Status: Scheduled: Comment Scheduling Roof Final Ins Status:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0	0 AM QUESTING MORNIN . McFadden	G IF POSSIBLE	Completed:	10/25/2019 02:02 PM Approved	
Status: Scheduled: Comment Scheduling Roof Final Ins Status: Scheduled:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0	0 AM QUESTING MORNING . McFadden 0 AM		Completed:	10/25/2019 02:02 PM Approved	16.20
Status: Scheduled: Comment Scheduling Roof Final Ins Status: Scheduled:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0	0 AM QUESTING MORNING . McFadden 0 AM		Completed:	10/25/2019 02:02 PM Approved 05/13/2020 01:42 PM	16.20 5.40
Status: Scheduled: Comment Scheduling Roof Final Ins Status: Scheduled:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0 ion Building Permit	0 AM QUESTING MORNIN McFadden 0 AM Fee Building Plan I		Completed:	10/25/2019 02:02 PM Approved 05/13/2020 01:42 PM	
Status: Scheduled: Comment Scheduling Roof Final Ins Status: Scheduled:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0 ion Building Permit I Miscellaneous	0 AM QUESTING MORNING McFadden 0 AM Fee Building Plan I Education Intake Fee		Completed:	10/25/2019 02:02 PM Approved 05/13/2020 01:42 PM 162.00 0.00	5.40
Status: Scheduled: Comment Scheduling Roof Final Ins Status: Scheduled:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0 ion Building Permit I Miscellaneous Miscellaneous	0 AM QUESTING MORNING McFadden 0 AM Fee Building Plan I Education Intake Fee		Completed:	10/25/2019 02:02 PM Approved 05/13/2020 01:42 PM 162.00 0.00 1.00	5.40 20.00
Status: Scheduled: Comment Scheduling Roof Final Ins Status: Scheduled:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0 ion Building Permit I Miscellaneous Building Permit I Building Permit I	O AM QUESTING MORNING McFadden O AM Fee Building Plan I Education Intake Fee Fee Roofing Technology		Completed:	10/25/2019 02:02 PM Approved 05/13/2020 01:42 PM 162.00 0.00 1.00 0.00	5.40 20.00 162.00
Status: Scheduled: Comment Scheduling Roof Final Ins Status: Scheduled:	Completed 10/24/2019 12:0 ts: g Comment REC spection Richard T Completed 10/24/2019 12:0 ion Building Permit I Miscellaneous Building Permit I Miscellaneous	O AM QUESTING MORNING McFadden O AM Fee Building Plan (Education Intake Fee Fee Roofing Technology (C) FS 468.631		Completed:	10/25/2019 02:02 PM Approved 05/13/2020 01:42 PM 162.00 0.00 1.00 0.00 0.00	5.40 20.00 162.00 5.40

Building Permit | PB193686

Property Information	1				
30-12-32-4800-00000-0	000	N OCEAN PALM VILLAS BLDG 2 (7-10)	Subdivision:	OCEAN PALM VILLA I	
		Flagler Beach FL, 32136	Lot:	Block:	
Name Information					
Owner:	OCEA	N PALM VILLAS I	Phone:		
Occupant:			Phone:		
Applicant:	SEAM	LESS FOAM & COATINGS LLC	Phone:	(386) 290 4843	
Contractor:	SEAM	LESS FOAM & COATINGS LLC	Phone:	(386) 290 4843	
Licensee:	SEAMI	LESS FOAM & COATINGS LLC	Phone:	(386) 290 4843	
License Issued:	09/16,	/2019			
License Expires:	09/16	/2020			

Permit Information

Date Issued: 09/19/2019 Date Expires: 11/09/2020 Status: FINALED

Work Description:

ROOF RE COVER REMOVE LOOSE ROCK ADD GRAVEL STOP DRIP DGE SPRAY POLYURETHANE FOAM WITH SILICONE TOP COAT

Stipulations:

Roof Final Ins	pection Richard T. McFadden			
Status:	Completed	Result:	Approved	
Scheduled:	10/24/2019 12:00 AM	Completed:	10/24/2019 01:43 PM	

K	oot	ın	Pro	gress	inspection	Richard	i. McHadden

Status: Completed Result: Approved

Scheduled: 10/17/2019 12:00 AM Completed: 10/21/2019 01:50 PM

Building Permit Fee	Building Plan Review 1	162.00	16.20
Miscellaneous	Education	0.00	5.40
Miscellaneous	Intake Fee	1.00	20.00
Building Permit Fee	Roofing	0.00	162.00
Miscellaneous	Technology	0.00	5.40
Florida State Tax	FS 468.631	1.00	2.73
Florida State Tax	FS 553.721	1.00	2.00
Building Permit Fee	EXPIRED PERMIT CLOSE OUT FEE	1.00	40.00
			

Building Permit | PB150758 Property Information 30-12-32-4800-00000-0000 N OCEAN PALM VILLAS BLDG 3 (11-18) Subdivision: OCEAN PALM VILLA I FLAGLER BEACH FL, 32136 Lot: Block: **Name Information** Phone: Owner: OCEAN PALM VILLAS I Occupant: Phone: FOUR SEASONS ROOFING Phone: Applicant: (386) 366 3979 FOUR SEASONS ROOFING Phone: (386) 366 3979 Contractor: FOUR SEASONS ROOFING Phone: (386) 366 3979 Licensee: License Issued: 11/30/2021 08/31/2022 License Expires: **Permit Information** Date Issued: 08/11/2015 Date Expires: 03/06/2016 Status: FINALED Work Description: INSTALLATION OF TAPERED INSULATION OVER EXISTING TAR & GRAVEL ROOF SYSTEM & MECHANICALLY FASTENED TPO SINGLE-PLY ROOF **SYSTEM** Stipulations: Roof Final Inspection | Richard T. McFadden Status: Completed Result: Approved Scheduled: 09/08/2015 12:00 AM Completed: 09/08/2015 03:27 PM Comments: CALL MARIO ABOUT AN HOUR BEFORE YOU ARRIVE 386-366-3979 Scheduling Comment Roof in Progress Inspection | Richard T. McFadden Status: Completed Result: Approved Scheduled: 08/12/2015 12:00 AM Completed: 08/12/2015 02:45 PM **Fee Information** 17,70 177.00 Miscellaneous Building Plan Review 1 Miscellaneous Education 0.00 11.80 20.00 Miscellaneous Intake Fee 1.00 Building Roofing 0.00 177.00 Florida State Tax FS 468.631 1.00 2.96 Florida State Tax FS 553.721 1.00 2.96

Building Permit | PB193687 Property Information 30-12-32-4800-00000-0000 N OCEAN PALM VILLAS BLDG 4 (19-24) Subdivision: Flagler Beach FL, 32136 Block: Lot: **Name Information** Owner: OCEAN PALM VILLAS I Phone: Occupant: Phone: SEAMLESS FOAM & COATINGS LLC Phone: (386) 290 4843 Applicant: Contractor: SEAMLESS FOAM & COATINGS LLC Phone: (386) 290 4843 SEAMLESS FOAM & COATINGS LLC Phone: (386) 290 4843 Licensee: License Issued: 09/16/2019 09/16/2020 License Expires: **Permit Information** Date Issued: 09/19/2019 Date Expires: 05/04/2020 Status: FINALED Work Description: ROOF RE COVER REMOVE LOOSE ROCK ADD GRAVEL STOP DRIP DGE SPRAY POLYURETHANE FOAM WITH SILICONE TOP COAT Stipulations: Roof in Progress Inspection | Richard T. McFadden Status: Completed Result: Approved Scheduled: 11/06/2019 12:00 AM Completed: 11/06/2019 05:00 PM Roof Final Inspection | Richard T. McFadden Status: Completed Result: Approved Scheduled: 10/24/2019 12:00 AM Completed: 10/24/2019 12:00 AM Fee Information Building Permit Fee Building Plan Review 1 16.20 162.00 5.40 Miscellaneous Education 0.00 Miscellaneous Intake Fee 1.00 20.00 Building Permit Fee Roofing 0.00 162.00 Miscellaneous Technology 0.00 5.40 2.73 Florida State Tax FS 468.631 1.00 Florida State Tax FS 553.721 1.00 2.00 Building Permit Fee EXPIRED PERMIT CLOSE OUT FEE 1.00 40.00



MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786)315-2590 F (786) 31525-99

www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

GAF

1 Campus Drive Parsippany, NJ 07054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF EverGuard® Freedom™TPO HW over Wood Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 15-0203.24 and consists of pages 1 through 15. The submitted documentation was reviewed by Jorge L. Acebo.

MIAMI-DADE COUNTY
APPROVED

NOA No.: 19-0617.04 Expiration Date: 09/15/24 Approval Date: 09/12/19

Page 1 of 15

ROOFING SYSTEM APPROVAL

Category: Roofing

Sub-Category: Single Ply Roofing

Material: TPO
Deck Type: Wood
Maximum Design Pressure: -67.5 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT: TABLE 1

<u>Product</u>	Dimensions	Test Specification	Product <u>Description</u>
EverGuard [®] Freedom [™] TPO HW	Various	ASTM D6878 TAS 131	Self-adhered thermoplastic olefin reinforced single-ply membrane with a heat weldable seam.
GAFGLAS® #75 Base Sheet	39.37" (1 meter) Wide	ASTM D4601	A smooth asphaltic base or base/ply sheet reinforced with fiberglass mat.
Tri-Ply® #75 Base Sheet	39.37" (1 meter) Wide	ASTM D4601	A smooth asphaltic base or base/ply sheet reinforced with fiberglass mat.
GAFGLAS [®] #80 Ultima [™] Base Sheet	39.37" (1 meter) Wide	ASTM D4601	A smooth asphaltic base or base/ply sheet reinforced with fiberglass mat.
GAFGLAS® Stratavent® Eliminator™ Nailable Venting Base Sheet	39.37" (1 meter) Wide	ASTM D4897	A smooth surfaced asphaltic nailable venting base sheet reinforced with fiberglass mat. Bottom side surfaced with granules.
VersaShield® Fire-Resistant Roof Deck Protection	12" x 100' rolls	ASTM D226	Non-asphaltic fiberglass-based underlayment and /or fire barrier.
StormSafe [™] Anchor Sheet	48" wide	ASTM D4601	A synthetic anchor sheet manufactured of polypropylene woven fabric coated on both sides with polypropylene.
Ruberoid® 20 Smooth	39.37" (1 meter) Wide	ASTM D6163	SBS polymer-modified asphalt base sheet reinforced with a glass fiber mat.
Ruberoid® Mop Smooth	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with SBS polymer-modified asphalt and smooth surfaced.
Ruberoid® Mop Smooth 1.5	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with SBS polymer-modified asphalt and smooth surfaced.
EverGuard® TPO Coated Metal	4' x 10' sheets	Proprietary	24 gauge steel with a 25 mil thick GAF TPO for edge detailing.
EverGuard® TPO Cover Tape	6" x 100' 10" x 100'	Proprietary	GAF TPO laminated to white butyl tape primarily used for edge metal details.



NOA No.: 19-0617.04 Expiration Date: 09/15/24 Approval Date: 09/12/19 Page 2 of 15

<u>Product</u>	<u>Dimensions</u>	Test Specification	Product
EverGuard [®] TPO Cover Tape Heat-Weld [™]	6" x 100'	Proprietary	Description Flashing strip manufactured from unreinforced GAF TPO laminated to a six inch wide strip, half the strip with a self-adhered side and half the strip with a heat-weldable edge; used for edge metal details.
EverGuard® TPO Detailing Membrane	24" x 50'	Proprietary	Unreinforced flashing material manufactured from GAF TPO.
EverGuard® TPO Flashing Strip	Various	Proprietary	Reinforced flashing membrane manufactured from GAF TPO.
EverGuard [®] TPO Pourable Sealer Pocket	9" x 6" x 4" oval with 3" base flange	Proprietary	Pourable sealer pocket is molded with GAF TPO compound to a nominal 70 mil thickness designed for waterproofing irregular shaped roof penetrations.
EverGuard® TPO RTA (Roof Transition Anchor) Strip [™]	6" x 100′ roll	Proprietary	Reinforced GAF TPO membrane with pressure sensitive adhesive primarily used to secure membrane transitions from the field to vertical surfaces.
EverGuard® TPO Split Pipe Boot	1"- 2" 3" - 5" 6" - 8"	Proprietary	Reinforced GAF TPO membrane split to accommodate most common pipes and conduits.
EverGuard® TPO Square Tube Wrap	4" x 4" 4" x 6" 6" x 6"	Proprietary	Reinforced GAF TPO with split design overlap to be wrapped around square or rectangular tubing.
EverGuard® TPO Corner Curb Wrap	Various	Proprietary	Corners fabricated from reinforced GAF TPO.
EverGuard® TPO Scupper	4" x 6" x 12" 8" x 10" x 12"	Proprietary	Scupper manufactured from coated metal and unreinforced GAF TPO.
EverGuard [®] TPO T-Joint Cover Patch	100 patches per box	Proprietary	T-Joint patch manufactured from unreinforced GAF TPO.
EverGuard® TPO Vent	2 vents per carton	Proprietary	Vent manufactured from reinforced GAF TPO membrane and galvanized steel.
EverGuard® TPO T-Top Vent	4" or 6"	Proprietary	Vent manufactured from reinforced GAF TPO membrane and galvanized steel.
EverGuard® TPO Walkway Rolls	Rolls ¹ / ₈ " x 30" x 50'	Proprietary	Standard duty TPO walkway rolls.
EverGuard® TPO Inside Corner	6" x 6" x 51/4"	Proprietary	Inside corner manufactured from unreinforced GAF TPO.



NOA No.: 19-0617.04 Expiration Date: 09/15/24 Approval Date: 09/12/19 Page 3 of 15

<u>Product</u>	<u>Dimensions</u>	Test Specification	Product <u>Description</u>
EverGuard® TPO Vent Boot	1" - 6" o.d. 6 pcs. crtn.	Proprietary	Vent pipe boot molded from GAF TPO and supplied with stainless steel clamping rings.
EverGuard [®] TPO Universal Corners	Various	Proprietary	Universal corners manufactured from GAF TPO that are heat seamable and designed to accommodate both inside and outside corners of base and curb flashings manufactured from GAF TPO.
EverGuard® TPO Expansion Joint Cover	Various	Proprietary	Low profile joint cover manufactured from reinforced GAF TPO.
EverGuard® TPO Cut Edge Sealant	1 quart squeeze tube	Proprietary	Clear solvent based sealant for TPO cut edges.
EverGuard® TPO Drain	Various	Proprietary	Spun aluminum drain pre-flashed with non-reinforced GAF TPO.
EverGuard® TPO Seam Cleaner	l gallon	Proprietary	Solvent based seam cleaner.
EverGuard® TPO Standing Seam Tape	6"	Proprietary	A white butyl tape.
EverGuard [®] TPO Fluted Corner	8" diameter nominal .05" non-reinforced	Proprietary	Flashing for outside corners of base and curb flashing manufactured from non-reinforced GAF TPO.
Topcoat [®] Membrane	1, 5 or 55 gallons	ASTM D6083	Acrylic, water based elastomeric membrane system designed to protect various types of roof surfaces.
Topcoat® TPO Red Primer	l gallon	Proprietary	Tinted primer used on TPO to improve adhesion of Topcoat® coatings.
TopCoat [®] FireOut [™] Fire Barrier Coating	5 or 55 gallons	Proprietary	Low VOC, water-based fire barrier coating.
EverGuard® TPO Primer	1 gallon	Proprietary	Solvent-based VOC Compliant TPO primer
EverGuard® Low VOC TPO Primer	l gallon	Proprietary	Low VOC TPO Primer



NOA No.: 19-0617.04 Expiration Date: 09/15/24 Approval Date: 09/12/19 Page 4 of 15

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
EnergyGuard [™] Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RA Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ RN Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard™ Perlite Roof Insulation	Perlite insulation board	GAF
DensDeck® Roof Board	Gypsum board	Georgia Pacific Gypsum LLC
Securock® Gypsum-Fiber Roof Board	Gypsum board	United States Gypsum Corporation
Securock® Glass-Mat Roof Board	Gypsum board	United States Gypsum Corporation



NOA No.: 19-0617.04 Expiration Date: 09/15/24 Approval Date: 09/12/19 Page 5 of 15

APPROVED FASTENERS:

TABLE 3

Fastener Number	Product Name	Product Description	Dimensions	Manufacturer (With Current NOA)
1.	Drill-Tec [™] #12 Fasteners	Phillips head, modified buttress thread, pinch point, carbon steel fastener for use in steel or wood decks. With CR-10 coating. Available with a pinch point or drill point.	#12 x 8" max. length, #3 Phillips head	GAF
2.	Drill-Tec [™] #14 Fasteners	Truss head, self-drilling, pinch point, high thread fastener for use in steel, wood or concrete decks.	#14 x 16" max. length, #3 Phillips head	GAF
3.	Drill-Tec [™] 3" Standard Steel Plate	Galvalume [®] coated steel stress plate for use with approved Drill-Tec [™] fasteners.	3" Round	GAF
4.	Drill-Tec [™] 3" Ribbed Galvalume [®] Plate (Flat)	Round Galvalume [®] plated steel stress plate with reinforcing ribs for use with Drill-Tec [™] fasteners.	3" Round	GAF
5.	Drill-Tec [™] AccuTrac [®] Recessed Plate	Galvalume [®] steel plate with recess for use with Drill-Tec [™] fasteners.	3" square; .017" thick	GAF
6.	Drill-Tec [™] ASAP 3S	Drill-Tec [™] #12 Fastener with Drill-Tec [™] 3" Standard Steel Plate.	See components	GAF
7.	Annular Ring Shank Nails & Tin Caps	12 gage, annular ring shank nails with 32 gage galvanized corrosion resistant stress plate.	Nail: Min.1-1/4" length Tin Caps: Min. 1-5/8" Dia.	Generic Miami-Dade Approved



NOA No.: 19-0617.04 Expiration Date: 09/15/24 Approval Date: 09/12/19 Page 6 of 15

EVIDENCE SUBMITTED:

Test Agency/Identifier	<u>Name</u>	Report	<u>Date</u>
UL LLC	UL 790	R10689	06/08/18
	UL 790	R1306	08/29/19
Factory Mutual Research Corp.	FM 4470	3B9Q1.AM	01/08/98
ractory withthat Research Corp.	FM 4470	3020588	03/24/04
	FM 4470	3032811	12/11/08
	FM 4470	3041535	06/08/11
	FM 4470	3036980	08/14/14
IRT-ARCON	TAS 114	04-025	07/13/04
PRI Construction Materials	ASTM D6878/TAS 131	GAF-426-02-01	01/27/14
Technologies LLC	ASTM D6878/TAS 131	GAF-423-02-01	01/27/14
č	ASTM D6878/TAS 131	GAF-501-02-01	01/27/14
	ASTM D1970	GAF-343-02-01	04/23/12
	ASTM D1970	GAF-344-02-01	04/23/12
	ASTM D1970	GAF-275-02-01	11/11/10
	ASTM D6083	GAF-082-02-01	06/10/10
	ASTM C1289	GAF-369-02-01	10/22/12
	ASTM D2178	GAF-315-02-01	08/23/11
	ASTM D2178	GAF-314-02-01	08/23/11
	ASTM D6083	GAF-499-02-01	03/12/14
	ASTM 6083	GAF-276-02-01REV	01/04/11
	ASTM D226	GAF-270-02-02	11/15/10
	TAS 114	GAF-514-02-07	05/12/14
	TAS 114	GAF-514-02-03	05/12/14
	TAS 114	GAF-514-02-04	05/12/14
	TAS 114	GAF-514-02-05	05/12/14
	Proprietary	GAF-349-02-01	06/19/12
	ASTM C1289	GAF-464-02-01	02/06/14
	Proprietary	GAF-508-02-01	03/12/14
	TAS 114	GAF-514-02-08	05/12/14
	TAS 114	GAF-559-02-11	10/16/14
	ASTM C1289	GAF-629-02-01	03/01/16
Trinity ERD	ASTM D4601	G121110.12.08	12/02/08
·	ASTM D6163	G43180.01.14-1	01/10/14
	ASTM D6164	G31360.03.10	03/31/10
	ASTM D6164	G40630.01.14-2A-1-R1	04/10/14
	ASTM D4601	G43140.04.11-4-R2	04/25/11
	ASTM D4897	G34140.04.11-5-R3	04/25/11
	ASTM D6164	GAF-SC13105.03.17-R1	03/23/17
NEMO etc.	Physical Properties	4q-GAF-19-SSMBB-03.A	05/13/19
,	ASTM D6163	4q-GAF-19-SSMBB-02.A	04/08/19
		-	



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APPROVED ASSEMBLIES:

Membrane Type: TPO

Deck Type 1I: Wood, Insulated

Min. 19/32" thick CDX plywood or wood plank secured 6" o.c. with 8d ring **Deck Description:**

shank nails to supports spaced maximum 24" o.c

System Type A: All layers of insulation are adhered to a mechanically attached anchor sheet.

Membrane adhered to insulation.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Topcoat FireOut[™] Fire Barrier Coating or VersaShield[®] Fire-Resistant Roof Fire Barrier:

Deck Protection applied per manufacturer instructions. (Optional)

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Anchor sheet:

Ultima[™] Base Sheet, GAFGLAS® Stratavent® Eliminator[™] Nailable Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth or Ruberoid® Mop Smooth 1.5 mechanically fastened (through the fire barrier when present) to the wood deck with Miami Dade approved annular ring shank nails and tin caps at a spacing of 8" o.c. at the lap staggered and in two rows 8" o.c. in the field.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft2

EnergyGuard™ Polyiso Insulation, EnergyGuard™ RA Polyiso Insulation, , EnergyGuard™ RN

Polviso Insulation

Minimum 1" thick N/A N/A

Note: All insulation shall be adhered to the anchor sheet in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs/100 ft² or ¾" to 1" wide ribbons spaced at 6" o.c. of OlyBond500[®], OlyBond 500[®] Green or OlyBond[®] Adhesive at a rate of 1 gal/100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

EverGuard® Freedom™ TPO HW adhered to insulation and rolled with a Membrane:

weighted roller. The 3" side laps are sealed with a 1.5" wide heat weld for automatic machine welding. Weld width shall be a minimum 2" width for

hand welding.

Chosen components must be applied in accordance with manufacturer's Surfacing: (Optional)

application instructions. Any coating listed below used as a surfacing must be

listed within a current NOA.

Topcoat® Membrane applied at 1 to 1.5 gal./sq. 1.

Topcoat® TPO Red Primer applied at 0.5 gal./sq. prior to applying Topcoat® Membrane.

Maximum Design

Pressure: -45 psf. (See General Limitation #7)



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Membrane Type: TPO

Deck Type 1I: Wood, Insulated

Deck Description: Min. 19/32" thick CDX plywood or wood plank secured 6" o.c. with 8d ring

shank nails to supports spaced maximum 24" o.c.

System Type C: Insulation mechanically attached; membrane adhered to insulation.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Min. 1/4" thick DensDeck® Roof Board, Securock® Gypsum-Fiber Roof Board Fire Barrier: or Securock® Glass-Mat Roof Board; min. 0.75" thick EnergyGuard™ Perlite (Optional)

Roof Insulation thick preliminary fastened to deck with 4 fasteners per board or VersaShield® Fire-Resistant Roof Deck Protection or Topcoat FireOut™

Fire Barrier Coating applied per manufacturer instructions.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft2

EnergyGuard[™] Polyiso Insulation, EnergyGuard[™] RA Polyiso Insulation, EnergyGuard[™] RN **Polyiso Insulation**

Minimum 1.5" thick 1, 3, 5, 6 1:1.3 ft2

Note: All layers of insulation shall be simultaneously fastened through the optional fire barrier (when present) into the wood deck; see insulation layer above for fasteners and density. Insulation panels listed are minimum sizes and dimensions; if larger panels are used, the number of fasteners shall be increased maintaining the same fastener density. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Membrane: EverGuard® Freedom™ TPO HW adhered to insulation and rolled with a

weighted roller. The 3" side laps are sealed with a 1.5" wide heat weld for automatic machine welding. Weld width shall be a minimum 2" width for

hand welding.

Surfacing: Chosen components must be applied in accordance with manufacturer's (Optional)

application instructions. Any coating listed below used as a surfacing

must be listed within a current NOA.

1. Topcoat[®] Membrane applied at 1 to 1.5 gal./sq.

2. Topcoat® TPO Red Primer applied at 0.5 gal./sq. prior to applying Topcoat®

Membrane.

Maximum Design

Pressure: -52.5 psf. (See General Limitation #7)



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Membrane Type: TPO

Deck Type 11: Wood, Insulated

Min. 19/32" thick CDX plywood or wood plank secured 6" o.c. with 8d ring **Deck Description:**

shank nails to supports spaced maximum 24" o.c.

System Type D(1): Insulation is preliminary attached to roof deck, anchor sheet is mechanically

fastened through the insulation into the deck. Membrane is fully adhered to

the anchor sheet.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: (Optional)

Min. 1/4" thick DensDeck® Roof Board, Securock® Gypsum-Fiber Roof Board or Securock® Glass-Mat Roof Board; min. 0.75" thick EnergyGuard™ Perlite

Roof Insulation loose laid or VersaShield® Fire Resistant Roof Deck

Protection or Topcoat FireOut[™] Fire Barrier Coating applied per manufacturer

instructions.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard™ Polyiso Insulation Minimum 1" thick

N/A N/A

Note: Insulation is preliminarily fastened to roof deck. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Anchor sheet: StormSafe[™] Anchor Sheet is mechanically fastened through the insulation into

> the wood deck with Drill-Tec™ 3" Ribbed Galvalume Plate (Flat) and Drill-Tec[™] #14 Fasteners spaced 8 in. o.c. along the 4 in. wide side laps and 8 in. in

two staggered rows in the field of the sheet (14-5/8" row spacing).

EverGuard® Freedom™ TPO HW or adhered to the anchor sheet and rolled Membrane:

> with a weighted roller. The 3" side laps are sealed with a 1.5" wide heat weld for automatic machine welding. Weld width shall be a minimum 2" width for

hand welding.

Surfacing: Chosen components must be applied in accordance with manufacturer's (Optional)

application instructions. Any coating listed below used as a surfacing

must be listed within a current NOA.

Topcoat® Membrane applied at 1 to 1.5 gal./sq. 1.

Topcoat® TPO Red Primer applied at 0.5 gal./sq. prior to applying Topcoat® Membrane.

Maximum Design

Pressure: -60 psf. (See General Limitation #7)

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TPO Membrane Type:

Deck Type 1I: Wood, Insulated

Deck Description: Min. 15/32 in. thick CDX plywood or wood plank secured 6 in. o.c. at panel

ends and intermediate supports with 8d ring shank nails to wood supports

spaced 24" o.c.

System Type D(2): Insulation is preliminary attached to roof deck, anchor sheet is mechanically

fastened through the insulation into the deck. Membrane is fully adhered to the

anchor sheet.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: (Optional)

Min. ¼" thick DensDeck® Roof Board, Securock® Gypsum-Fiber Roof Board or Securock® Glass-Mat Roof Board; min. 0.75" thick EnergyGuard™ Perlite Roof Insulation thick loose laid or VersaShield® Fire Resistant Roof Deck Protection or Topcoat FireOut[™] Fire Barrier Coating applied per manufacturer

instructions.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard™ Polyiso Insulation,

Minimum 1" thick N/A N/A

Note: Insulation is preliminarily fastened to roof deck. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

StormSafe[™] Anchor Sheet is mechanically fastened through the insulation into Anchor sheet:

the wood deck with Drill-Tec[™] 3" Ribbed Galvalume Plate (Flat), Drill-Tec[™] 3" Standard Steel Plate, Drill-Tec™ AccuTrac® Recessed Plate or Drill-Tec™ 3" Steel Plate and Drill-Tec" #14 Fasteners spaced 18 in. o.c. along the 4 in. wide base sheet side laps and 18 in. in two staggered rows in the field of the sheet

(14-5/8" row spacing).

EverGuard® Freedom™ TPO HW adhered to the anchor sheet and rolled with a Membrane:

> weighted roller. The 3" side laps are sealed with a 1.5" wide heat weld for automatic machine welding. Weld width shall be a minimum 2" width for hand

welding.

Surfacing: Chosen components must be applied in accordance with manufacturer's (Optional)

application instructions. Any coating listed below used as a surfacing

must be listed within a current NOA.

Topcoat® Membrane applied at 1 to 1.5 gal./sq. 1.

2. Topcoat[®] TPO Red Primer applied at 0.5 gal./sq. prior to applying Topcoat[®] Membrane.

Maximum Design

Pressure: -45 psf. (See General Limitation #7)



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Membrane Type: TPO

Deck Type 1I: Wood, Non-Insulated

Deck Description: Min. 15/32 in. thick CDX plywood or wood plank secured 6 in. o.c. at panel

ends and intermediate supports with 8d ring shank nails to wood supports

spaced 24" o.c.

System Type E(1): Anchor sheet mechanically attached to roof deck. Membrane is fully adhered

to the anchor sheet.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: VersaShield® Fire Resistant Roof Deck Protection or Topcoat FireOut™ Fire

(Optional) Barrier Coating applied per manufacturer instructions.

Anchor sheet: StormSafe[™] Anchor Sheet is mechanically fastened to wood deck with Drill-

Tec[™] 3" Ribbed Galvalume® Plate (Flat) and Drill-Tec[™] #14 Fasteners spaced 18 in. o.c. along the 4 in. wide side Iap and 18 in. in two staggered rows in the

field of the sheet (14-5/8" row spacing).

Membrane: EverGuard® Freedom™ TPO HW adhered to the anchor sheet and rolled with a

weighted roller. The 3" side laps are sealed with a 1.5" wide heat weld for automatic machine welding. Weld width shall be a minimum 2" width for

hand welding.

Surfacing: Chosen components must be applied in accordance with manufacturer's

(Optional) application instructions. Any coating listed below used as a surfacing

must be listed within a current NOA.

1. Topcoat® Membrane applied at 1 to 1.5 gal./sq.

2. Topcoat[®] TPO Red Primer applied at 0.5 gal./sq. prior to applying Topcoat[®] Membrane.

Maximum Design

Pressure: -45 psf. (See General Limitation #7)

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TPO Membrane Type:

Deck Type 1I: Wood, Non-Insulated

Min. 19/32" thick CDX plywood or wood plank secured 6" o.c. with 8d ring **Deck Description:**

shank nails supports spaced 24" o.c.

System Type E(2): Anchor Sheet is mechanically attached to the deck. Membrane is fully

adhered to the anchor sheet.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: VersaShield® Fire Resistant Roof Deck Protection or Topcoat FireOut[™] Fire

(Optional) Barrier Coating applied per manufacturer instructions.

StormSafe[™] Anchor Sheet is mechanically fastened to wood deck with Drill-Anchor sheet:

> Tec[™] 3" Ribbed Galvalume Plates (Flat) and Drill-Tec[™] #14 Fasteners spaced 8 in. o.c. along the 4 in. wide side laps and 8 in. in two staggered rows in the

field of the sheet (14-5/8" row spacing).

EverGuard® Freedom™ TPO HW adhered to the anchor sheet and rolled with a Membrane:

weighted roller. The 3" side laps are sealed with a 1.5" wide heat weld for automatic machine welding. Weld width shall be a minimum 2" width for hand

welding.

Surfacing: Chosen components must be applied in accordance with manufacturer's (Optional)

application instructions. Any coating listed below used as a surfacing

must be listed within a current NOA.

1. Topcoat® Membrane applied at 1 to 1.5 gal./sq.

2. Topcoat[®] TPO Red Primer applied at 0.5 gal./sq. prior to applying Topcoat[®] Membrane.

Maximum Design

Pressure: -67.5 psf. (See General Limitation #7)

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Membrane Type: TPO

Deck Type 1I: Wood, Non-Insulated

Deck Description: Min. 15/32 in. thick CDX plywood or wood plank secured 6 in. o.c. at panel

ends and intermediate supports with 8d ring shank nails to wood supports

spaced 24" o.c.

System Type E(3): Anchor sheet is mechanically attached to the deck. Membrane is fully adhered

to the anchor sheet.

All General and System Limitations apply. Roof accessories not listed in Table 1 of this NOA are not approved and shall not be installed unless said accessories demonstrate compliance with prescriptive Florida Building Code requirements and are field fabricated utilizing the approved membranes listed in Table 1.

Fire Barrier: VersaShield® Fire Resistant Roof Deck Protection or Topcoat FireOut[™] Fire

(**Optional**) Barrier Coating applied per manufacturer instructions.

Anchor sheet: StormSafe[™] Anchor Sheet is mechanically fastened to wood deck with Miami

Dade approved tin-caps and nails at 6" o.c. in the 4" laps and 6" o.c. in two

equally spaced staggered rows in the field (14-5/8" row spacing).

Membrane: EverGuard® Freedom™ TPO HW adhered to the anchor sheet and rolled with a

weighted roller. The 3" side laps are sealed with a 1.5" wide heat weld for automatic machine welding. Weld width shall be a minimum 2" width for

hand welding.

Surfacing: Chosen components must be applied in accordance with manufacturer's

application instructions. Any coating listed below used as a surfacing

must be listed within a current NOA.

1. Topcoat® Membrane applied at 1 to 1.5 gal./sq.

2. Topcoat® TPO Red Primer applied at 0.5 gal./sq. prior to applying Topcoat® Membrane.

Maximum Design

(Optional)

Pressure: -45 psf. (See General Limitation #7)

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WOOD DECK SYSTEM LIMITATIONS:

1 A slip sheet is required with GAFGLAS® Ply 4, Tri-Ply® Ply 4 and GAFGLAS® FlexPly™ 6 when used as a mechanically fastened base or anchor sheet.

GENERAL LIMITATIONS:

- 1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
- 3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
- 4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.

Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.

- 5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
- 6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
- 7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117 and/or RAS 137. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant (When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)
- 8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
- 9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). (When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)
- 10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE

MIAMI-DADE COUNTY
APPROVED

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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786)315-2590 F (786) 31525-99

www.miamidade.gov/economy

GAF 1 Campus Drive Parsippany, NJ 07054

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Conventional Built-Up-Roof System for Concrete Decks.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 18-0919.09 and consists of pages 1 through 28.

The submitted documentation was reviewed by Jorge L. Acebo.

08/15/24

NOA No.: 24-0709.01 Expiration Date: 11/06/24 Approval Date: 08/15/24

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ROOFING SYSTEM APPROVAL

Category:RoofingSub-Category:BURMaterial:FiberglassDeck Type:ConcreteMaximum Design Pressure:-457.5 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT: TABLE 1

<u>Product</u>	<u>Dimensions</u>	Test Specification	Product <u>Description</u>
GAFGLAS® Ply 4	39.37" (1 meter) Wide	ASTM D2178	Type IV asphalt impregnated glass felt with asphalt coating.
Tri-Ply [®] Ply 4	39.37" (1 meter) Wide	ASTM D2178	Type IV asphalt impregnated glass felt with asphalt coating.
GAFGLAS [®] FlexPly [™] 6	39.37" (1 meter) Wide	ASTM D2178	Type VI asphalt impregnated glass felt with asphalt coating.
GAFGLAS® FlexPly 6 5L	39.37" (1 meter) Wide	ASTM D2178	Type VI asphalt impregnated glass felt with asphalt coating. Used for five ply applications.
GAFGLAS® #75 Base Sheet	39.37" (1 meter) Wide	ASTM D4601	Type II asphalt impregnated and coated glass mat base sheet.
Tri-Ply [®] #75 Base Sheet	39.37" (1 meter) Wide	ASTM D4601	Type II asphalt impregnated and coated glass mat base sheet.
GAFGLAS [®] #80 Ultima [™] Base Sheet	39.37" (1 meter) Wide	ASTM D4601	Type II asphalt impregnated and coated glass mat base sheet.
GAFGLAS® Stratavent® Eliminator Perforated Venting Base Sheet	39.37" (1 meter) Wide	ASTM D4897	Fiberglass base sheet coated on both sides with asphalt and factory perforated. Surfaced on the bottom side with mineral granules embedded in asphaltic coating.
GAFGLAS® Mineral Surfaced Cap Sheet	39.37" (1 meter) Wide	ASTM D3909	Asphalt coated, glass fiber mat cap sheet surfaced with mineral granules.
Tri-Ply [®] Mineral Surfaced Cap Sheet	39.37" (1 meter) Wide	ASTM D3909	Asphalt coated, glass fiber mat cap sheet surfaced with mineral granules.
GAFGLAS [®] EnergyCap [™] BUR Mineral Surface Cap Sheet	39.37" (1 meter) wide	ASTM D3909	Asphalt coated, glass fiber mat cap sheet surfaced with mineral granules and factory applied EnergyCote TM
Ruberoid [®] 20	39.37" (1 meter) Wide	ASTM D6163	SBS polymer-modified asphalt base sheet reinforced with a glass fiber mat.



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TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT: TABLE 1

<u>Product</u>	<u>Dimensions</u>	Test <u>Specification</u>	Product <u>Description</u>
Ruberoid® Mop Smooth	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with SBS polymer-modified asphalt and smooth surfaced.
Ruberoid® Mop Smooth 1.5	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with SBS polymer-modified asphalt and smooth surfaced.
Ruberoid [®] Mop Plus Smooth	39.37" (1 meter) Wide	ASTM D6164	Non-woven polyester mat coated with SBS polymer-modified asphalt and smooth surfaced.
Matrix [™] 307 Premium Asphalt Primer	3, 5, 55 gallons	ASTM D41	Asphalt concrete primer used to promote adhesion of all types of asphalt based roofing materials.

APPROVED INSULATIONS:

TABLE 2

Product Name	Product Description	Manufacturer (With Current NOA)
EnergyGuard [™] Polyiso Insulation	Polyisocyanurate foam insulation	GAF.
EnergyGuard™ RA Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard [™] RH Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard [™] Tapered Polyiso Insulation	Polyisocyanurate foam insulation	GAF
EnergyGuard [™] RA Tapered Polyiso Insulation	Polyisocyanurate foam insulation	GAF
Structodek® High Density Fiberboard	High density fiber board	Blue Ridge Fiberboard, Inc.
Securock [®] Gypsum-Fiber Roof Board	Gypsum board	USG
DensDeck [®] Roof Board	Gypsum board	Georgia-Pacific Gypsum LLC
DensDeck® Prime® Roof Board	Gypsum board	Georgia-Pacific Gypsum LLC

APPROVED FASTENERS:

TABLES				
Fastener Number	Product Name	Product Description	Dimensions	Manufacturer (With Current NOA)
114111111111111111111111111111111111111	1 (101110	Bescription	Difficultions	(// 1011 - 0 111 - 110 -
1.	N/A	N/A	N/A	N/A

TABLE 3

MIAMI-DADE COUNTY
APPROYED

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EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Description	Date
FM Approvals	2B8A4.AM	FM 4470	07/02/97
**	3B9Q1.AM	FM 4470	01/08/98
	0D0A8.AM	FM 4470	07/09/99
	0D1A8.AM	FM 4470	07/29/94
	0Y9Q5.AM	FM 4470	04/01/98
	3008178	FM 4470	12/27/00
	3010215	FM 4470	03/01/01
	3017250	FM 4470	05/05/04
	3036980	FM 4470	08/14/09
	3035140	FM 4470	08/10/09
	3023458	FM 4470	07/18/06
	3010215	FM 4470	04/01/01
	3034312	FM 4470	04/09/09
	3042887	FM 4470	11/14/11
	3032856	FM 4470	11/24/08
	3040738	FM 4470	05/18/12
	3046388	FM 4470	09/24/12
	3042887	FM 4470	11/14/11
UL LLC	R1306	UL 790	06/27/24
Trinity ERD	G40630.01.14-2A-1	ASTM D6164	01/07/14
2.1	SC9700.08.15-R1	ASTM D2178	08/31/15
	SC10680.05.16	ASTM D6163	05/10/16
	SC13105.03.17-R1	ASTM D6164	03/23/17
	SC15710.12.17-1-R1	ASTM D1970	12/08/17
NEMO ETC, LLC	4S-GAF-18-001.01.19-1	ASTM D2178	01/02/19
	4Q-GAF-22-SSMBB-01.A	ASTM D6164	04/22/23
PRI Construction Materials	GAF-464-02-01	ASTM D1289	02/06/14
Technologies LLC	GAF-498-02-01	ASTM D6083	03/12/14
	GAF-499-02-01	ASTM D6083	03/12/14
	GAF-500-02-01	ASTM D6083	03/12/14
	GAF-671-02-01	ASTM D6083	03/14/16
	GAF-692-02-01	ASTM D6083	03/14/16
	376T0228	ASTM D4897	12/20/21
	376T0229	ASTM D4601	12/20/21
	376T0240	ASTM D4601	12/21/21
	376T0272	ASTM D3909	02/03/22
	376T0275	ASTM D2178	01/31/22
Atlantic & Caribbean Roof	06-041	TAS 114-D	11/10/16
Consulting. LLC	12-009	TAS 114-D	04/20/12
	11-048	TAS 114-D	08/10/11
	11-049	TAS 114-D	08/10/11
	11-051	TAS 114-D	08/11/11



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APPROVED ASSEMBLIES:

Membrane Type: BUR

Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(1): Insulation layer adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or

(Optional) Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

Structodek® High Density Fiber Board, DensDeck® Prime® Roof Board, Securock® Gypsum-Fiber Roof Minimum 0.5" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6,

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied

within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's

instructions.

Ply Sheet: One or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4 or GAFGLAS[®] FlexPly[™] 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -270 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(2): Insulation layer adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or

(Optional) Ruberoid® 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with

any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners	Fastener		
	(Table 3)	Density/ft ²		
EnergyGuard™ Polyiso Insulation, EnergyGuard™ RH Polyiso Insulation				
Minimum 2" thick	N/A	N/A		
Top Insulation Layer	Insulation Fasteners	Fastener		
	(Table 3)	Density/ft ²		
Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board				
Minimum 0.5" thick	N/A	N/A		

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: Install one or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, GAFGLAS[®] FlexPly[™]6,

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet: One or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4 or GAFGLAS[®] FlexPly[™] 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60

lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -322.5 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank **System Type A(3):** Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, GAFGLAS[®] FlexPly[™] 6, Ruberoid[®]

(Optional) 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium

Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any

approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board

Minimum 0.75" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6.

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate

of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet: One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS FlexPly™ 6 adhered in a full

mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60

bs./sg.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -135 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(4): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or Ruberoid® 20mopped directly to deck primed with ASTM D41 asphalt primer or Matrix™ 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with

any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard[™] Polyiso Insulation, EnergyGuard[™] RH Polyiso Insulation, EnergyGuard[™] RA Polyiso Insulation Minimum 1.25" thick

N/A

N/A

Top Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board

Minimum 0.5" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or MatrixTM 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6,

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5, or Ruberoid® Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet: One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of approved

asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

(Optional)

Pressure: -125 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank **System Type A(5):** Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, GAFGLAS[®] FlexPly[™] 6, or Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™]

Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with

any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²
Structodek® High Density Fiber Board, Securock® Gypsum-Fiber Roof Board, Dens Deck® Prime® Roof Board

Structodek® High Density Fiber Board, Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board Minimum 0.5" thick

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). Apply layers of insulation in a full mopping of any approved mopping asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Base Sheet: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6.

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet: One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS® EnergyCap™BUR Mineral Surface Cap Sheet adhered in a full mopping of approved

asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60

lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -140 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank **System Type A(6):** Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or

(Optional) Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with

any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard[™] Polyiso Insulation, EnergyGuard[™] RA Polyiso Insulation, EnergyGuard[™] RH Polyiso Insulation Minimum 1.25" thick

N/A

N/A

Top Insulation Layer Insulation Fasteners Fastener (Table 3) Pensity/ft²

Structodek® High Density Fiber Board, Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board Minimum 0.5" thick

N/A

N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or MatrixTM 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6,

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet: One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of approved

asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -162.5 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(7): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Install one or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, GAFGLAS[®] FlexPly[™] 6 or Vapor Barrier: (Optional)

Ruberoid® 20mopped directly to deck primed with ASTM D41 asphalt primer or Matrix™ 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with

any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft² EnergyGuard™ Polyiso Insulation, EnergyGuard™ RA Polyiso Insulation, EnergyGuard™ RH Polyiso Insulation

Minimum 1.25" thick N/A

Top Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board

Minimum 0.75" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet. All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, **Base Sheet:**

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid[®] 20, Ruberoid[®] Mop Smooth, Ruberoid[®] Mop Smooth 1.5 or Ruberoid[®] Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

One or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4 or GAFGLAS[®] FlexPly[™] 6 adhered in a Ply Sheet:

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or Cap Sheet:

GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of approved (Optional)

asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -157.5 psf. (See General Limitation #9.)



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mbra.... BUR 1. 1

k Thu 30 Concrete Decks, Insulated

k Descriptional. 2500 psi structural concrete or concrete plank

tent Type (18)? Anchor sheet adhered with approved asphalt; all layers of insulation adhered with approved

asphalt.

General and System Limitations shall apply.

for Barrier: dional)

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or Ruberoid[®] 20mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

for more layers of any of the following insulations.

ulation Layer

Insulation Fasteners (Table 3)

Fastener Density/ft²

ergyGuard™ Polyiso Insulation, EnergyGuard™ RA Polyiso Insulation, EnergyGuard™ RH Polyiso Insulation

nimum 1" thick.

N/A

urock Gypsum-Fiber Roof Board, DensDeck Prime Roof Board

imum 0.5" thick Ą

N/A

N/A

e: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix¹³¹ 307 Premium Asphalt Primer allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation il be adhered to the anchor she t in full mopping of approved hot asphalt within the EVT range and at a rate 0-43: lbs./100 ft2. Please refer to Roofing Application Standard RAS 117 for insulation attachment. uposite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down. GAF

nir seither a ply of GAFGLAY Stratavent Eliminator™ Perforated Venting Base Sheet laid dry or a layer rock fiber overlay board on all of visocyanurate insulation applications.

howSheet:

donal) 14.

Install one or p y of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima Base Sheet, Ruberoid® 20,

Ruberoid Mon Smooth Ruberoid Mon Smooth 1.5or Ruberoid Mon Plus Smoot directly to primed deck adhere with any approved mopping asphalt applied within the EVT range and at a

rate of 20-40 Whise machine with manufacturer's instructions.

e Sheet: -

stional)

Install one or cauce plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid 20. Ruberoid Mop Smooth, Ruberoid Mop Smooth 1.5, or Ruberoid Mop Plus

Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

GAFGLAS* Stratevent? Eliminator™ Perforated Venting Base Sheet loose laid dry, followed by a

arropped ply sheet listed below

Sheer:

Two or more plies of GAFGLAS* Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a all mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

woordance with manufacturer's instructions.



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(7): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: (Optional)

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or Ruberoid® 20mopped directly to deck primed with ASTM D41 asphalt primer or Matrix™ 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with

any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer

Insulation Fasteners

Fastener

(Table 3) EnergyGuard™ Polyiso Insulation, EnergyGuard™ RA Polyiso Insulation, EnergyGuard™ RH Polyiso Insulation

Density/ft²

Minimum 1.25" thick

Top Insulation Layer

Insulation Fasteners

Fastener

(Table 3)

Density/ft²

Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board Minimum 0.75" thick

N/A

N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix™ 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet. All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft2. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet:

Install one or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, GAFGLAS[®] FlexPly[™] 6. GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet:

One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Cap Sheet: (Optional)

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Surfacing:

Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.

- Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 1.
- 2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure:

-157.5 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(8): Anchor sheet adhered with approved asphalt; all layers of insulation adhered with approved

asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, GAFGLAS[®] FlexPly[™] 6 or Ruberoid[®] 20mopped directly to deck primed with ASTM D41 asphalt primer or Matrix 3

Ruberoid[®] 20mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard[™] Polyiso Insulation, EnergyGuard[™] RA Polyiso Insulation, EnergyGuard[™] RH Polyiso Insulation Minimum 1" thick N/A N/A

Securock® Gypsum-Fiber Roof Board, DensDeck® Prime® Roof Board

Minimum 0.5" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the anchor sheet in full mopping of approved hot asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down. GAF requires either a ply of GAFGLAS® Stratavent® Eliminator[™] Perforated Venting Base Sheet laid dry or a layer of wood fiber overlay board on all polyisocyanurate insulation applications.

Anchor Sheet: Install one or ply of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #75

(Optional) Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima Base Sheet, Ruberoid® 20,

Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5or Ruberoid® Mop Plus Smoot directly to primed deck adhere with any approved mopping asphalt—applied within the EVT range and at a

rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Base Sheet: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6,

(Optional)

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima™ Base Sheet,
Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5, or Ruberoid® Mop Plus
Smooth directly to the insulated substrate. Adhere with any approved a morning applied applied

Smooth directly to the insulated substrate. Adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Or

GAFGLAS® Stratavent® Eliminator™ Perforated Venting Base Sheet loose laid dry, followed by a

mopped ply sheet listed below.

Ply Sheet: Two or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4 or GAFGLAS[®] FlexPly[™] 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

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Cap Sheet: (Optional)

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing:

Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.

- 1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.
- 2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -90 psf. (See General Limitation #9.)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(9): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, or (Optional) Ruberoid® 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix™ 300

Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
EnergyGuard™ RA Polyiso Insulation	(Tuble 5)	Delisity/it
Minimum 1.25" thick	N/A	N/A
Top Insulation Layer	Insulation Fasteners	Fastener
	(Table 3)	Density/ft ²
DensDeck® Prime® Roof Board, Securock® Gypsum-Fiber Ro	of Board	·
Minimum 0.5" thick	N/A	N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: GAFGLAS® Stratavent® Eliminator™ Perforated Venting Base Sheet loose laid dry.

Ply Sheet: One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance

with manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -187.5 psf. (See General Limitation #9)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(10): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or

(Optional) Ruberoid® 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer	Insulation Fasteners (Table 3)	Fastener Density/ft²
EnergyGuard™ Polyiso Insulation, EnergyGuard™ R Minimum 1.25" thick	H Polyiso Insulation N/A	N/A
Top Insulation Layer	Insulation Fasteners	Fastener
DensDeck® Prime® Roof Board, Securock® Gypsum-	(Table 3) Fiber Roof Board	Density/ft ²
Minimum 0.5" thick	N/A	N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or MatrixTM 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: GAFGLAS® Stratavent® Eliminator™ Perforated Venting Base Sheet, loose laid dry.

Ply Sheet: One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60

lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -240 psf. (See General Limitation #9)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank System Type A(11): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or Vapor Barrier: (Optional)

Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with

any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener Density/ft² (Table 3)

EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation,

EnergyGuard™ RA Polyiso Insulation, EnergyGuard™ RA Tapered Polyiso Insulation,

EnergyGuard™ RH Polyiso Insulation

Minimum 1.5" thick N/A N/A

Top Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

Structodek® High Density Fiberboard, DensDeck® Prime® Roof Board, Securock® Gypsum-Fiber Roof Board Minimum 0.5" thick

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix™ 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft2. Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate.

Base Sheet: Install or more plies of GAFGLAS[®] #75 Base Sheet or Tri-Ply[®] #75 Base Sheet, GAFGLAS[®] #80

Ultima Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth adhered with any approved mopping asphalt applied within the EVT

range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Any two plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a full Ply Sheet:

mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or Cap Sheet: (Optional)

GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -90 psf. (See General Limitation #9.)



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Deck Type 31: Concrete Decks, Insulated

2500 psi structural concrete or concrete plank **Deck Description:** System Type A(12): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: (Optional)

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer

Insulation Fasteners

Fastener

(Table 3)

Density/ft²

EnergyGuard™ Polyiso Insulation, EnergyGuard™ RA Polyiso Insulation, EnergyGuard™ RH Polyiso Insulation Minimum 2" thick

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix™ 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). Base insulation layer shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft2, OlyBond 500® Adhesive, OlyBond 500® Green Adhesive or LRF Adhesive M. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Top Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft2 Securock® Gypsum-Fiber Roof Board

Minimum 0.75" thick

N/A

N/A

Note: Top Insulation adhered to the base insulation in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft2, OlyBond 500® Adhesive, OlyBond 500® Green Adhesive or LRF Adhesive M. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet:

One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #75 Base Sheet or Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5 or Ruberoid® Mop Plus Smooth adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions and broomed in.

Ply Sheet:

One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Cap Sheet: (Optional)

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Surfacing:

Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.

- Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 1. lbs./sq.
- Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions. 2.

Maximum Design

Pressure: -225 psf. (See General Limitation #9)



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Deck Type 2I: Structural Concrete, Insulated

Deck Description: 2500 psi structural concrete or concrete plank System Type A(13): Insulation layers adhered with approved asphalt.

All General and System limitations apply

Install one or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, GAFGLAS[®] FlexPly[™] 6 or Vapor Barrier: (Optional)

Ruberoid® 20mopped directly to deck primed with ASTM D41 asphalt primer or Matrix™ 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation

Minimum 0.5" thick N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). One or more layers of insulation layers shall be adhered to the deck or optional vapor barrier (when present) in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft² per layer; with a maximum 12 inch insulation thickness. The base layer may be flat profiled or tapered. Intermediate layers (optional) are flat profiled when present. The top layer (optional) may be either flat profiled or tapered when present. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Top Insulation Layer Fasteners Fastener (Table 3) Density/ft² Structodek® High Density Fiberboard Minimum 0.5" thick N/A N/A

Securock® Gypsum-Fiber Roof Board, DensDeck® Roof Board, DensDeck® Prime® Roof Board

Minimum 0.25" thick N/A

Note: Top Insulation Layer is fully adhered in hot asphalt applied within the EVT range and at a rate of 20-25 lbs./sq. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Install one or more plies of GAFGLAS[®] #75 Base Sheet, Tri-Ply[®] #75 Base Sheet, Base Sheet:

GAFGLAS® #80 Ultima Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop (Optional)

> Smooth 1.5, or Ruberoid[®] Mop Plus Smooth adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's

instructions.

Ply Sheet: Two or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered

in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40

lbs./sq. in accordance with manufacturer's instructions.

Cap Sheet:

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of (Optional)

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance

with manufacturer's instructions.



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Surfacing:

Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.

- 1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.
- 2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -150 psf. (See General Limitation #9.)



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Deck Type 2I: Structural Concrete, Insulated

Deck Description: 2500 psi structural concrete or concrete plank **System Type A(14):** Insulation layers adhered with approved asphalt.

All General and System limitations apply

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6.

(Optional) Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation

Minimum 0.5" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). One or more layers of insulation layers shall be adhered to the deck or optional vapor barrier (when present) in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft² per layer; with a maximum 12 inch insulation thickness. The base layer may be flat profiled or tapered. Intermediate layers (optional) are flat profiled when present. The top layer (optional) may be either flat profiled or tapered when present. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Securock® Gypsum-Fiber Roof Board, DensDeck® Roof Board, DensDeck® Prime® Roof Board

Minimum 0.25" thick N/A N/A

Note: Top Insulation Layer is fully adhered in hot asphalt at applied within the EVT range and at a rate of 20-25 lbs./sq. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: Install one or more plies of GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS®

#80 Ultima Base Sheet, Ruberoid[®] 20, Ruberoid[®] Mop Smooth, Ruberoid[®] Mop Smooth 1.5, or Ruberoid[®] Mop Plus Smooth adhere with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet: Two or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: N/A

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt

at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -150 psf. (See General Limitation #9.)



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Deck Type 2I: Structural Concrete, Insulated

Deck Description: 2500 psi structural concrete or concrete plank System Type A(15): Insulation layers adhered with approved asphalt.

All General and System limitations apply

Install one or more plies of GAFGLAS® Ply 4. Tri-Ply® Ply 4. GAFGLAS® FlexPly™ 6. or Vapor Barrier:

Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 (Optional)

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener Density/ft2 (Table 3) EnergyGuard™ Polyiso Insulation, EnergyGuard™ Tapered Polyiso Insulation

Minimum 0.5" thick N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). One or more layers of insulation layers shall be adhered to the deck or optional vapor barrier (when present) in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft² per layer; with a maximum 12 inch insulation thickness. The base layer may be flat profiled or tapered. Intermediate layers (optional) are flat profiled when present. The top layer (optional) may be either flat profiled or tapered when present. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Top Insulation Layer Fasteners Fastener Density/ft² (Table 3) Structodek® High Density Fiberboard Minimum 0.5" thick N/A N/A

Securock® Gypsum-Fiber Roof Board, DensDeck® Roof Board, DensDeck® Prime® Roof Board Minimum 0.25" thick N/A

Note: Top Insulation Layer is fully adhered in hot asphalt applied within the EVT range and at a rate of 20-25 lbs./sq. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Five plies of GAFGLAS[®] FlexPly[™] 6 5L adhered in a full mopping of approved asphalt applied Ply Sheet:

within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's

instructions.

Three or four plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4 or GAFGLAS[®] FlexPly[™] 6 adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: N/A

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -150 psf. (See General Limitation #9.)



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Deck Type 2I: Structural Concrete, Insulated

Deck Description: 2500 psi structural concrete or concrete plank **System Type A (16):** Insulation layers adhered with approved asphalt.

All General and System limitations apply

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6 or

(Optional) Ruberoid® 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix™ 307

Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Base Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard[™] Polyiso Insulation, EnergyGuard[™] Tapered Polyiso Insulation

Minimum 0.5" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). One or more layers of insulation layers shall be adhered to the deck or optional vapor barrier (when present) in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft² per layer; with a maximum 12 inch insulation thickness. The base layer may be flat profiled or tapered. Intermediate layers (optional) are flat profiled when present. The top layer (optional) may be either flat profiled or tapered when present. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Top Insulation Layer
Fasteners
(Table 3)
Density/ft²
Structodek® High Density Fiberboard
Minimum 0.5" thick
N/A
N/A

Securock® Gypsum-Fiber Roof Board, DensDeck® Roof Board, DensDeck® Prime® Roof Board

Minimum 0.25" thick

N/A

N/A

Note: Top Insulation Layer is fully adhered in hot asphalt at applied within the EVT range and at a rate of 20-25 lbs./sq. Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: Over a primed concrete deck (when optional vapor barrier is not present) one ply of

GAFGLAS® Stratavent® Eliminator™ Perforated Venting Base Sheet loose laid dry.

Ply Sheet: Two or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.



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Surfacing:

Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.

- 1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.
- 2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -150 psf. (See General Limitation #9)



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Deck Type 3I: Concrete Decks, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(17): Insulation layers adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, or

(Optional) Ruberoid[®] 20 mopped directly to deck primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered

with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

One or more layers of any of the following insulations.

Insulation Layer Insulation Fasteners Fastener (Table 3) Density/ft²

EnergyGuard™ Polyiso Insulation, EnergyGuard™ RH Polyiso Insulation

Minimum 1" thick N/A N/A

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present). All insulation shall be adhered to the deck in full mopping of approved asphalt within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment.

Base Sheet: GAFGLAS[®] Stratavent[®] Eliminator[™] Perforated Venting Base Sheet, loose laid dry.

Ply Sheet: Two or more plies of GAFGLAS[®] Ply 4, Tri-Ply[®] Ply 4, or GAFGLAS[®] FlexPly[™] 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS[®] Mineral Surfaced Cap Sheet, Tri-Ply[®] Mineral Surfaced Cap Sheet or

GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of

approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of

Approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -292.5 psf. (See General Limitation #9)



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Concrete Decks, Non-Insulated Deck Type 3:

Deck Description: 2500 psi structural concrete or concrete plank

System Type F(1): Base sheet adhered with approved asphalt.

All General and System Limitations shall apply.

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, Vapor Barrier: (Optional) Ruberoid® 20 or Ruberoid® Dual Smooth mopped directly to deck primed with ASTM D41

asphalt primer or Matrix [™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range

and at a rate of 20-40 lbs./sq.

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present).

Base Sheet:

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5, or Ruberoid® Mop Plus Smooth directly to the primed deck. Adhere with any approved mopping asphalt applied within the

EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Or

GAFGLAS® Stratavent® Eliminator™ Perforated Venting Base Sheet loose laid dry, followed by a

mopped ply sheet listed below.

(Optional, required when used with Ruberoid® 20 or GAFGLAS® Stratavent® Eliminator™ Ply Sheet:

Perforated Venting Base Sheet). One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly[™] 6 adhered in a full mopping of approved asphalt applied within the EVT

range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or Cap Sheet:

(Optional) GAFGLAS[®] EnergyCap[™] BUR Mineral Surface Cap Sheet adhered in a full mopping of approved

asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

-90 psf. (See General Limitation #9.) Pressure:



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Deck Type 3: Concrete Decks, Non-Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type F(2): Base sheet adhered with approved asphalt.

All General and System Limitations shall apply.

Vapor Barrier: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, (Optional) Ruberoid® 20 or Ruberoid® Dual Smooth mopped directly to deck primed with ASTM D41

asphalt primer or Matrix[™] 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range

and at a rate of 20-40 lbs./sq.

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet.

Base Sheet: Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6,

GAFGLAS® #75 Base Sheet, Tri-Ply® #75 Base Sheet, GAFGLAS® #80 Ultima Base Sheet, Ruberoid® 20, Ruberoid® Mop Smooth, Ruberoid® Mop Smooth 1.5, Ruberoid® Mop Plus Smooth directly to the primed deck. Adhere with any approved mopping asphalt applied within the EVT

range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Ply Sheet: One or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a

full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in

accordance with manufacturer's instructions.

Cap Sheet: One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or

(Optional) GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of approved

asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with

manufacturer's instructions.

Surfacing: Optional on granular surfaced membranes; required for smooth membranes. Chosen

components must be applied according to manufacturer's application instructions. All

coatings must be listed within a current NOA.

1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.

2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure: -457.5 psf. (See General Limitation #9.)



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Deck Type 3: Concrete Decks, Non-Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type F(3): Base sheet GAFGLAS[®] Stratavent[®] Eliminator[™] Perforated Venting Base Sheet is loose laid dry.

All General and System Limitations shall apply.

Vapor Barrier: (Optional)

Install one or more plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4, GAFGLAS® FlexPly™ 6, Ruberoid® 20 or Ruberoid® Dual Smooth mopped directly to deck primed with ASTM D41 asphalt primer or Matrix™ 307 Premium Asphalt Primer. The primer must be allowed to dry then the vapor barrier is adhered with any approved mopping asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

Note: Concrete deck shall be primed with ASTM D41 asphalt primer or Matrix[™] 307 Premium Asphalt Primer and allowed to dry prior to application of base sheet (when optional vapor barrier is not present).

Base Sheet:

Over a primed concrete deck (when vapor barrier is not present) one ply of GAFGLAS®

Stratavent® Eliminator™ Perforated Venting Base Sheet, loose laid dry.

Ply Sheet:

Two plies of GAFGLAS® Ply 4, Tri-Ply® Ply 4 or GAFGLAS® FlexPly™ 6 adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Cap Sheet:

One ply of GAFGLAS® Mineral Surfaced Cap Sheet, Tri-Ply® Mineral Surfaced Cap Sheet or GAFGLAS® EnergyCap™ BUR Mineral Surface Cap Sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq. in accordance with manufacturer's instructions.

Surfacing:

Optional on granular surfaced membranes; required for smooth membranes. Chosen components must be applied according to manufacturer's application instructions. All coatings must be listed within a current NOA.

- 1. Gravel or slag applied at 400 lbs./sq. and 300 lbs./sq. respectively in a flood coat of approved asphalt at 60 lbs./sq.
- 2. Fibered Aluminum Roof Coating applied accordance with manufacturer's instructions.

Maximum Design

Pressure:

-185 psf. (See General Limitation #9.)



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CONCRETE DECK SYSTEM LIMITATIONS:

1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine equivalent or enhanced fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117, calculations shall be signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant.

GENERAL LIMITATIONS:

- 1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer.
- 3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
- 4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used, the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each side lap and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.

Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.

- 5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, is below 275 lbf., insulation attachment shall not be acceptable.
- 6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
- 7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant (When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)
- 8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
- 9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). (When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)
- 10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE



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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Carlisle Roof Foam and Coatings 100 Enterprise Drive Cartersville, GA 30120

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Premiseal™ or RoofTite Spray Polyurethane Roofing Foam over Concrete Decks

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city and state of manufacturing facility, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 14-0512.03 and consists of pages 1 through 4. The submitted documentation was reviewed by Jorge L. Acebo.



Jan. W

NOA No.: 19-1209.50 Expiration Date: 12/24/24 Approval Date: 06/18/20

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ROOFING SYSTEM APPROVAL

Category: Roofing

Sub-Category: Spray Applied Polyurethane Roof System

Materials:PolyurethaneDeck Type:ConcreteMaximum Design Pressure:-502.5 psf

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specifications	Product Description
Premiseal [™] 60	2.8 lb./ft³ density	TAS 110	Two-component spray applied polyurethane foam intended for roofing applications.
RoofTite 60 SPF	2.8 lb./ft³ density	TAS 110	Two-component spray applied polyurethane foam intended for roofing applications.

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Atlantic & Caribbean Roof Consulting, LLC	TAS 114 D	ACRC 14-016	04/29/14
FM Approvals	4470	003047138	08/28/13
PRI Construction Materials Technologies, LLC	TAS 110	PSP-002-02-03	12/11/14
UL LLC	UL 790	TGFU.R26705	11/16/19



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APPROVED ASSEMBLIES:

Deck Type 3: Concrete

Deck Description: Min. 2500 psi structural concrete deck.

System Type A: Sprayed polyurethane foam covered with a Miami-Dade County approved roof coating.

All General and System Limitations apply.

Surface Preparation:

Deck shall be primed with an approved primer, if required, in accordance to Carlisle Roof Foam and Coating's and coating manufacturers' recommendations, and shall be free of loose dirt, grease, oil or other contaminants prior to priming or foam application. Remove loose dirt or debris by use of compressed air, vacuum or brooming. No washing shall be permitted. Oil, grease, release agents or other contaminants shall be removed with proper

cleaning solutions.

All primers must be thoroughly dry and cured prior to foam application.

All joint openings in concrete decks that exceed ¹/₈" shall be grouted or caulked in accordance to Carlisle Roof Foam and Coating's manufacturer's recommendations.

Polyurethane Foam Application:

The polyurethane foam shall be applied uniformly over the entire surface at the specified thickness, in no case shall it be less than 1", in compliance with the requirements set forth Roofing Application Standard RAS 109. The sprayed polyurethane foam shall be feathered at the edges to produce a smooth transition.

Protective Coating Application:

Apply a Miami-Dade County approved roof coating with a current NOA that is compatible with this system and is applied in accordance with the guidelines listed in the product's NOA.

The polyurethane foam surface shall be free of moisture, dust, debris, oils, tars, grease or other materials that will impair adhesion of the protective coverings. Any damage or defects to the polyurethane foam surface shall be repaired prior to the coating application. The base coat shall be applied the same day as the foam when possible. If more than 72 hours elapse prior to the application of the base coat, the polyurethane foam shall be inspected for UV degradation.

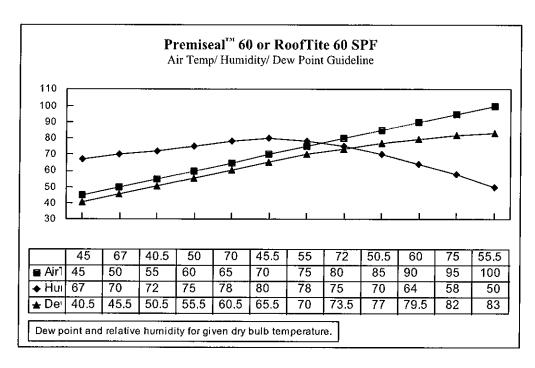
Maximum Design

Pressure: -502.5 psf. (See General Limitation # 6)

MIAMI-DADE COUNTY APPROYED NOA No.: 19-1209.50 Expiration Date: 12/24/24 Approval Date: 06/18/20

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TABLE 1 AMBIENT HUMIDITY APPLICATION LIMITS SPRAYED POLYURETHANE FOAM



GENERAL LIMITATIONS:

- 1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
- 2. Spray polyurethane foam shall not be sprayed when ambient temperature is within 5 degrees of the dew point. Ambient humidity applications limits shall be as listed in Table 1 herein. Contractor shall monitor and record environmental conditions in the Job Log in compliance with RAS 109. Job Log shall be maintained at the job site and accessible to the Building Official.
- 3. Flashings and waterproof coverings for expansion joints shall be of compatible materials and in accordance with Carlisle Roof Foam and Coatings' published literature.
- 4. Miscellaneous materials such as adhesives, elastomeric caulking compounds, metal, vents and drains shall be a composite part of the roof system and shall be compatible with the foam and coating.
- 5. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
- 6. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
- 7. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE

MIAMI-DADE COUNTY
APPROVED

NOA No.: 19-1209.50 Expiration Date: 12/24/24 Approval Date: 06/18/20

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