

SCOPE OF WORK

PERMIT #: _____

JOB SITE ADDRESS: 10824 SW SR 47

BUILDING (INTERIOR)

☐ No structural work being done.

- 1.
- 2.
- 3.

BUILDING (EXTERIOR)

☒ No structural work being done.

1. Remove and replace 8 non-impact double hung windows sz/sz.
- 2.
- 3.

MECHANICAL

☐ No mechanical work being done.

- 1.
- 2.
- 3.

ELECTRICAL

☐ No electrical work being done.

- 1.
- 2.
- 3.

PLUMBING

☐ No plumbing work being done.

- 1.
- 2.
- 3.

GAS

☐ No gas work being done.

- 1.
- 2.
- 3.

ROOF

☐ No roof work being done.

- 1.
- 2.
- 3.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

| Category/Subcategory | Manufacturer | Product Description | Approval Number(s) |
|--|--------------|------------------------|--------------------|
| 1. EXTERIOR DOORS | | | |
| A. SWINGING | | | |
| B. SLIDING | | | |
| C. SECTIONAL/ROLL UP | | | |
| D. OTHER | | | |
| | | | |
| 2. WINDOWS | | | |
| A. SINGLE/DOUBLE HUNG | Regency Plus | Series 8313 Vinyl Tilt | 28486.1 |
| B. HORIZONTAL SLIDER | | | |
| C. CASEMENT | | | |
| D. FIXED | | | |
| E. MULLION | | | |
| F. SKYLIGHTS | | | |
| G. OTHER | | | |
| | | | |
| 3. PANEL WALL | | | |
| A. SIDING | | | |
| B. SOFFITS | | | |
| C. STOREFRONTS | | | |
| D. GLASS BLOCK | | | |
| E. OTHER | | | |
| | | | |
| 4. ROOFING PRODUCTS | | | |
| A. ASPHALT SHINGLES | | | |
| B. NON-STRUCT METAL | | | |
| C. ROOFING TILES | | | |
| D. SINGLE PLY ROOF | | | |
| E. OTHER | | | |
| | | | |
| 5. STRUCT COMPONENTS | | | |
| A. WOOD CONNECTORS | | | |
| B. WOOD ANCHORS | | | |
| C. TRUSS PLATES | | | |
| D. INSULATION FORMS | | | |
| E. LINTELS | | | |
| F. OTHERS | | | |
| | | | |
| 6. NEW EXTERIOR ENVELOPE PRODUCTS | | | |
| | | | |

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.
Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

NOTES: _____



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #
Application Type
Code Version
Application Status

FL28486-R2
Revision
2020
Approved

28486.1

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments
Archived

Product Manufacturer
Address/Phone/Email

Regency Plus Inc
2000 Locust Gap Highway
Mount Carmel, PA 17851
(570) 339-3374
tony@cwbyrpi.com

Authorized Signature

Tony Procopio
tony@cwbyrpi.com

Technical Representative
Address/Phone/Email

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2000 Locust Gap Hwy
Mount Carmel, PA 17851
(570) 339-3374
tony@cwbyrpi.com

Quality Assurance Representative
Address/Phone/Email

Category
Subcategory

Windows
Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency
Validated By

National Accreditation & Management Institute
National Accreditation & Management Institute

Referenced Standard and Year (of Standard)

Standard
AAMA/WDMA/CSA 101/I.S.2/A440

Year
2011

Equivalence of Product Standards
Certified By

Product Approval Method

Method 1 Option A

Date Submitted
Date Validated
Date Pending FBC Approval

11/06/2020
11/09/2020

Summary of Products

| FL # | Model, Number or Name | Description |
|---|---|--|
| 28486.1 | Series 8313 Vinyl Tilt Double Hung Window | Series 8313 Vinyl Tilt Double Hung Window 53" x 77" Non-Impact Through Jamb Anchoring. |
| Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: | | Certification Agency Certificate FL28486 R2 C CAC NIO14261-R1.pdf Quality Assurance Contract Expiration Date 10/31/2022 Installation Instructions FL28486 R2 II RPLS0076 Rev0 Series-8313-DH ss.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL28486 R2 AE PERNo2579 Rev2 FL28486 8313 DH ss.pdf Created by Independent Third Party: Yes |

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Next

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Product Approval Accepts:

Credit Card
Safe



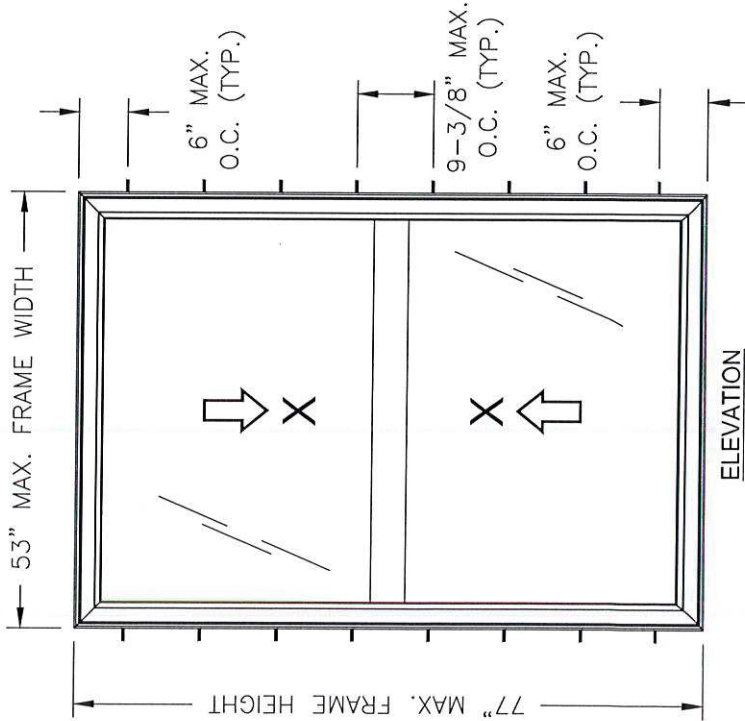
REGENCY PLUS, INC.

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW

INSTALLATION ANCHORAGE DETAILS

NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WOOD FRAMING, 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHERE 1X BUCKS ARE USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK OVER CONCRETE/MASONRY SUBSTRATE. WHERE 1X BUCK IS NOT USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME INTO CONCRETE/MASONRY SUBSTRATE. DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO THE FOLLOWING:
 - AAMA WDMA/CSA 101/II.S.2/A440-11. SEE TEST REPORT NO. NCTL-110-21524-2, DATED 10/16/18 BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA.
- MATERIAL:
 - FRAME: EXTRUDED RIGID PVC
 - REINFORCEMENT:
 - GALVANIZED STEEL TUBE - TOP RAIL OF SASH AND INTERIOR MEETING RAIL.
 - U-SHAPED GALVANIZED STEEL - BOTTOM RAIL OF SASH AND EXTERIOR MEETING RAIL.
- GLAZING:
 - GLAZING DETAIL AS TESTED: 22.1mm (0.870") NOMINAL O.A. IGU COMPRISED OF 2 LITES OF 3mm (0.119") TEMPERED GLASS AND 16.05mm (0.632") STAINLESS STEEL SPACER (TYPE SS-D). INTERIOR GLAZED AGAINST A (2)-LEAF DUAL DUROMETER BACK BEDDING AND A SNAP-IN (2)-LEAF DUAL DUROMETER RIGID VINYL GLAZING BEAD.
 - AS TESTED GLAZING MEETS ITS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
 - ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMA WDMA/CSA 101/II.S.2/A440 SHALL BE ALLOWED PER ASTM E1300 IN NON-HVHZ LOCATIONS.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" FLAT HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- FOR ANCHORING INTO METAL STRUCTURE USE #10 FLAT HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- ALL FASTENERS TO BE CORROSION RESISTANT.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF
 - METAL STRUCTURE: STEEL 19GA (0.0428"), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM



ELEVATION EXTERIOR VIEW

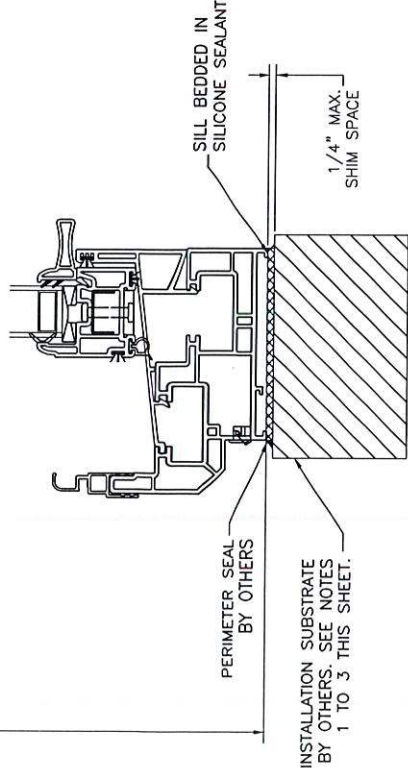
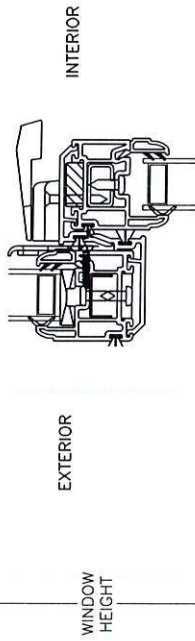
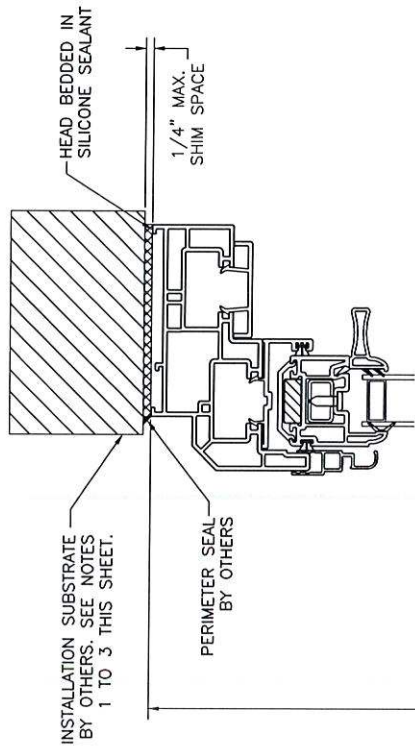
- NOTES:
- MAXIMUM TOP SASH SIZE: 49.063" X 37.188"; MAXIMUM BOTTOM SASH SIZE: 50" X 37"
 - MAXIMUM TOP SASH D.L.O.: 45.563" X 33.375"; MAXIMUM BOTTOM SASH D.L.O.: 46.813" X 33.188"
 - 0.938" X 0.25" WEEP HOLE AT 1" FROM EACH END OF EXTERIOR SILL FACE.
 - 1.27" X 0.3" WEEP HOLE AT 3.625" FROM EACH END OF EXTERIOR SILL FACE.
 - 0.375" X 0.375" WEEP HOLE AT EACH END OF INTERIOR SILL TRACK.

| | | |
|---|----------------|-------------|
| PROJECT #418-1001 | DATE: 11/14/18 | REV: 1 OF 3 |
| DESCRIPTION | DATE: 11/14/18 | REV: 1 OF 3 |
| REGENCY PLUS, INC. | DATE: 11/14/18 | REV: 1 OF 3 |
| 2000 LOCUST GAP HIGHWAY | DATE: 11/14/18 | REV: 1 OF 3 |
| MT. CARMEL, PA 17851 | DATE: 11/14/18 | REV: 1 OF 3 |
| SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW | DATE: 11/14/18 | REV: 1 OF 3 |
| ELEVATION, ANCHORING AND NOTES | DATE: 11/14/18 | REV: 1 OF 3 |
| PREPARED BY: PTC | DATE: 11/14/18 | REV: 1 OF 3 |
| Robert J. Amoroso, P.E. | DATE: 11/14/18 | REV: 1 OF 3 |
| Florida P.E. No. 48762 | DATE: 11/14/18 | REV: 1 OF 3 |
| James Amoroso, P.E. | DATE: 11/14/18 | REV: 1 OF 3 |
| Florida P.E. No. 48762 | DATE: 11/14/18 | REV: 1 OF 3 |
| PTC Product Design Group, LLC | DATE: 11/14/18 | REV: 1 OF 3 |
| PO Box 520775 | DATE: 11/14/18 | REV: 1 OF 3 |
| Longwood, FL 32752-0775 | DATE: 11/14/18 | REV: 1 OF 3 |
| 321-460-1788 info@ptc-corp.com | DATE: 11/14/18 | REV: 1 OF 3 |
| FBPE Certificate of Authorization | DATE: 11/14/18 | REV: 1 OF 3 |
| No. 25935 | DATE: 11/14/18 | REV: 1 OF 3 |

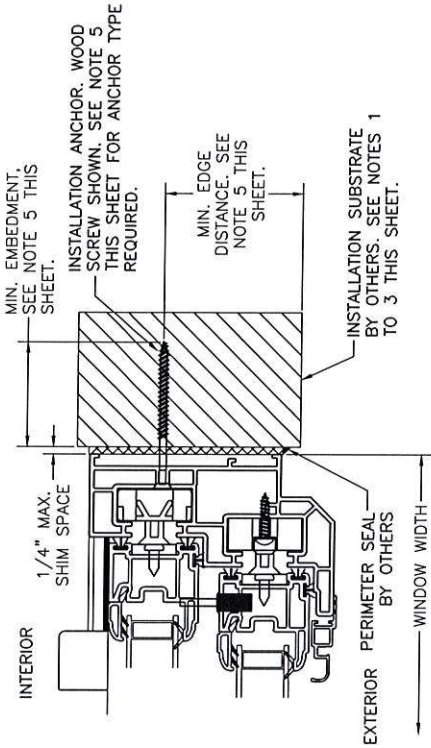
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by Robert J.
Amoroso, P.E.
Date: 2018.11.21
10:45:00 -0500

| DESIGN PRESSURE RATING (PSF) | IMPACT RATING |
|------------------------------|---------------|
| +50.0/-50.0 | NONE |

| SHEET | DESCRIPTION |
|-------|--------------------------------|
| 1 | ELEVATION, ANCHORING AND NOTES |
| 2 | INSTALLATION DETAILS |
| 3 | BILL OF MATERIALS |



VERTICAL CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED



HORIZONTAL (JAMB) CROSS SECTION
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED

INSTALLATION NOTES:

1. APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:
 - 1.1. WOOD FRAMING
 - 1.2. STEEL STUD FRAMING AND
 - 1.3. CONCRETE AND/OR MASONRY
2. SUBSTRATE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL, WHERE 1X BUCK IS NOT USED, DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE, SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
5. SUBSTRATE ANCHORING METHODS:
 - 5.1. FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" FLAT HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
 - 5.2. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
 - 5.3. FOR ANCHORING INTO METAL STRUCTURE USE #10 FLAT HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
6. INTERIOR AND EXTERIOR FINISHES BY OTHERS. NOT SHOWN FOR CLARITY.
7. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED AND/OR SPECIFIED IN ACCORDANCE WITH ASTM E2112.

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851
SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW
INSTALLATION DETAILS

DATE: 11/14/18
DRAWN BY: RJA
SCALE: N.T.S.
REV: 2 OF 3

Robert J. Amoruso, P.E.
Florida P.E. No. 48752

PTC
PREPARED BY:

PROJECT #418-1001

Robert J. Amoruso, P.E.
Florida P.E. No. 48752

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321.690-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 2585


Digitally signed
by Robert J.
Amoruso, P.E.
Date: 2018.11.21
10:44:42 -05'00'

| REV | DESCRIPTION | DATE | BY |
|-----|-------------|------|----|
| | | | |
| | | | |
| | | | |

PROJECT #418-1001

| | | | |
|---|--|-------------------|--|
| REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851 | | TITLE | |
| SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW | | BILL OF MATERIALS | |
| PREPARED BY: | | DRAWN BY: | |
| SCALE: | | N.T.S. | |
| SHEET: | | 3 OF 3 | |
| DRAWING NO: | | RPLS0076 | |
| DATE: | | 11/14/18 | |

Robert J. Amoroso, P.E.
Florida P.E. No. 49752



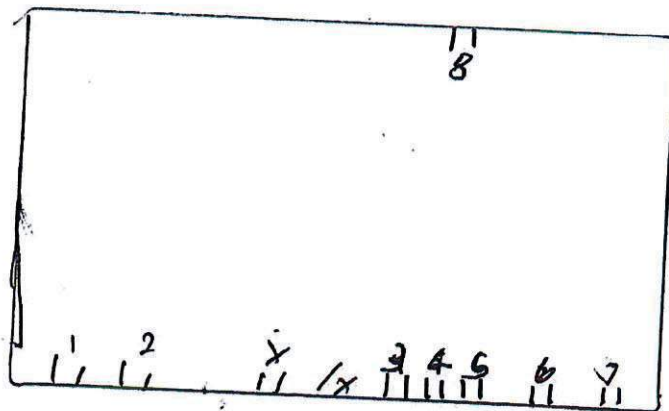
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by Robert J.
Amoroso, P.E.
Date: 2018.11.21
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PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-490-1788 info@ptc-group.com
FBPE Certificate of Authorization
No. 259535

Digitally signed
by Robert J.
Amoruso, P.E.
Date: 2018.11.21
10:44:19 -05'00'

Abramson
J-247864
wood Sills
Vinyl Siding
J channel
1x4 Vinyl

| | |
|-----------|---|
| 1 Bedroom | $29\frac{1}{2} \times 52\frac{3}{4}$ DH |
| 2 Bedroom | $29\frac{3}{4} \times 52\frac{7}{8}$ DH |
| 3 Living | $29\frac{5}{8} \times 52\frac{7}{8}$ DH |
| 4 Living | $29\frac{5}{8} \times 52\frac{7}{8}$ DH |
| 5 Living | $29\frac{3}{4} \times 52\frac{7}{8}$ DH |
| 6 m Bed | $39\frac{7}{8} \times 52\frac{7}{8}$ DH |
| 7 m Bed | $39\frac{7}{8} \times 52\frac{7}{8}$ DH |
| 8 Kitchen | $29\frac{3}{4} \times 52\frac{7}{8}$ DH |





WEST SHORE

HOME

WINDOW MEASURE SHEET

Customer: Jack & Maryann Abramson

Tech: James

Address: J-247864

| Location | Quantity | Style | Width x Height | Misc. |
|-------------|----------|-------|-----------------|-------|
| Bed | 1 | DH | 29 1/4 x 52 1/2 | |
| Bed, Living | 2 | DH | 29 1/2 x 52 5/8 | |
| | | | X | |
| Living | 2 | DH | 29 3/8 x 52 5/8 | |
| | | | X | |
| m Bed | 2 | DH | 39 5/8 x 52 5/8 | |
| | | | X | |
| Kitchen | 1 | DH | 29 1/2 x 52 5/8 | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |
| | | | X | |

➤ Type of tear out: Metal Frame

➤ Any mullions being removed: ☐ Yes ☒ No

➤ Will shutters/blinds fit again: ☐ Yes ☒ No

➤ Bays/Bows:

○ Roof or soffit tie in

○ Supports or brick underneath? Condition? _____

○ Need jamb depth & projection (degree _____)

 ▪ If in brick extend jamb to brick

○ Exterior Opening Size: _____

➤ Shoemold: _____

➤ Changes Made: ☐ Yes ☐ No

Notes:

Tempered

Full Screen



Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

OFFICE OF THE
SECRETARY

FL #

FL28486-R2

Application Type

Revision

Code Version

2020

Application Status

Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

28486.1

Comments

Archived

Product Manufacturer

Regency Plus Inc

Address/Phone/Email

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(570) 339-3374
tony@cwbyrpi.com

Authorized Signature

Tony Procopio
tony@cwbyrpi.com

Technical Representative

Tony Procopio

Address/Phone/Email

2000 Locust Gap Hwy
Mount Carmel, PA 17851
(570) 339-3374
tony@cwbyrpi.com

Quality Assurance Representative

Address/Phone/Email

Category

Windows

Subcategory

Double Hung

Compliance Method

Certification Mark or Listing

Certification Agency

National Accreditation & Management Institute

Validated By

National Accreditation & Management Institute

Referenced Standard and Year (of Standard)

Standard

AAMA/WDMA/CSA 101/I.S.2/A440

Year

2011

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

Date Submitted

11/06/2020

Date Validated

11/09/2020

Date Pending FBC Approval

Summary of Products

| FL # | Model, Number or Name | Description |
|---|---|--|
| 28486.1 | Series 8313 Vinyl Tilt Double Hung Window | Series 8313 Vinyl Tilt Double Hung Window 53" x 77" Non-Impact Through Jamb Anchoring. |
| Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +50/-50 Other: | | Certification Agency Certificate FL28486 R2 C CAC NIO14261-R1.pdf Quality Assurance Contract Expiration Date 10/31/2022 Installation Instructions FL28486 R2 II RPLS0076 Rev0 Series-8313-DH ss.pdf Verified By: Robert J. Amoruso, P.E. FL License No. 49752 Created by Independent Third Party: Yes Evaluation Reports FL28486 R2 AE PERNo2579 Rev2 FL28486 8313 DH ss.pdf Created by Independent Third Party: Yes |

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Next

Contact Us :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Product Approval Accepts:

Credit Card
Safe

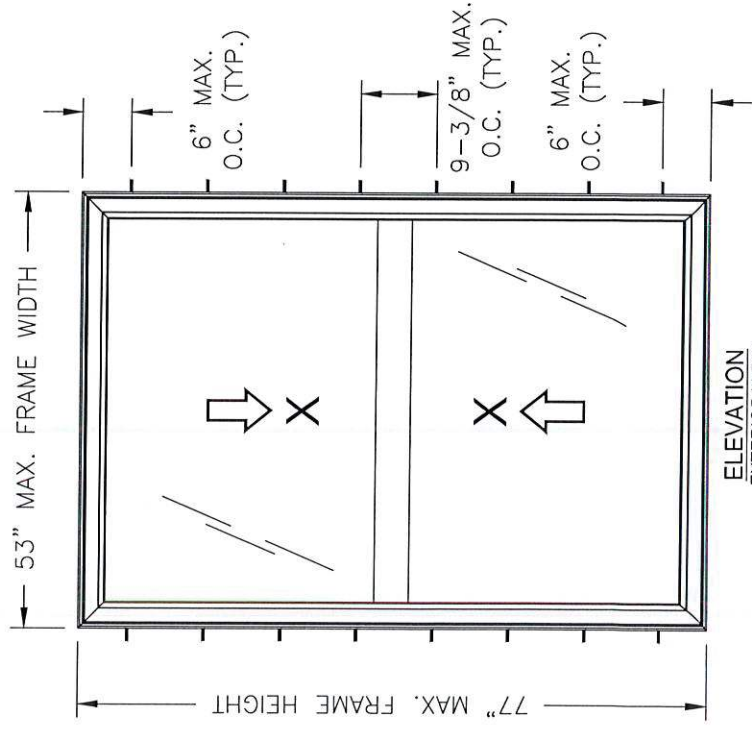


REGENCY PLUS, INC.

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW INSTALLATION ANCHORAGE DETAILS

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. WOOD FRAMING, 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHERE 1X BUCKS ARE USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHERE 1X BUCK IS NOT USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME INTO CONCRETE/MASONRY SUBSTRATE. DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. THE PRODUCT SHOWN HEREIN HAS BEEN TESTED TO THE FOLLOWING:
 - 4.1. AAMA WDMACSA 101/II.S.2/A440-11. SEE TEST REPORT NO. NCTL-110-21524-2, DATED 10/16/18 BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA.
5. MATERIAL:
 - 5.1. FRAME: EXTRUDED RIGID PVC
 - 5.2. REINFORCEMENT:
 - 5.2.1. GALVANIZED STEEL TUBE - TOP RAIL OF SASH AND INTERIOR MEETING RAIL.
 - 5.2.2. U-SHAPED GALVANIZED STEEL - BOTTOM RAIL OF SASH AND EXTERIOR MEETING RAIL.
6. GLAZING:
 - 6.1. GLAZING DETAIL AS TESTED: 22.1mm (0.870") NOMINAL O.A. IGU COMPRISED OF 2 LITES OF 3mm (0.118") TEMPERED GLASS AND 16.05mm (0.632") STAINLESS STEEL SPACER (TYPE SS-D). INTERIOR GLAZED AGAINST A (2)-LEAF DUAL DUROMETER BACK BEDDING AND A SNAP-IN (2)-LEAF DUAL DUROMETER BACK BEDDING.
 - 6.2. AS TESTED GLAZING MEETS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
 - 6.3. ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMA WDMACSA 101/II.S.2/A440 SHALL BE ALLOWED PER ASTM E1300 IN NON-HVHZ LOCATIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" FLAT HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #10 FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
11. FOR ANCHORING INTO METAL STRUCTURE USE #10 FLAT HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
12. ALL FASTENERS TO BE CORROSION RESISTANT.
13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - 13.1. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - 13.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI
 - 13.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF
 - 13.4. METAL STRUCTURE: STEEL 196A (0.04287), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM



- NOTES:
1. MAXIMUM TOP SASH SIZE: 49.063" X 37.188"; MAXIMUM BOTTOM SASH SIZE: 50" X 37"
 2. MAXIMUM TOP SASH D.L.O.: 45.563" X 33.375"; MAXIMUM BOTTOM SASH D.L.O.: 46.813" X 33.188"
 3. 0.938" X 0.25" WEEP HOLE AT 1" FROM EACH END OF EXTERIOR SILL FACE.
 4. 1.27" X 0.3" WEEP HOLE AT 3.625" FROM EACH END OF EXTERIOR SILL FACE.
 5. 0.375" X 0.375" WEEP HOLE AT EACH END OF INTERIOR SILL TRACK.

| TABLE OF CONTENT | |
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| SHEET | DESCRIPTION |
| 1 | ELEVATION, ANCHORING AND NOTES |
| 2 | INSTALLATION DETAILS |
| 3 | BILL OF MATERIALS |

| DESIGN PRESSURE RATING (PSF) | IMPACT RATING |
|------------------------------|---------------|
| +50.0/-50.0 | NONE |

PROJECT #418-1001

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW
ELEVATION, ANCHORING AND NOTES

DATE: 11/14/18
DRAWN BY: RJA
SCALE: N.T.S.
SHEET: 1 OF 3
REV: RPLS0076

PTC
PREPARED BY: Robert J. Amoroso, P.E.
Florida P.E. No. 48752

STATE OF FLORIDA
JAMES A. AMOROSO
No. 49752
Professional Engineer

Digitally signed
by Robert J.
Amoroso, P.E.
Date: 2018.11.21
10:45:00 -05'00'

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-460-1788 info@ptc-corp.com
FBPE Certificate of Authorization
No. 25935

BILL OF MATERIALS

| Series Tech 8313 Non-Impact Double Hung / Bill of Material | | | |
|--|----------------------|--|----------|
| Supplier | Part Numbers | Description | Quantity |
| Energy / Royal | IV White 1060 / 7720 | Master Frame (H) | 2 |
| Energy / Royal | IV White 1060 / 7720 | Master Frame (W) | 2 |
| Energy / Royal | IV White 1282 / 7750 | Sash Frame (Operating Sash) / (H) | 4 |
| Energy / Royal | IV White 1282 / 7750 | Sash Frame (Operating Sash) / (W) | 4 |
| Energy / Royal | IV White 1067 / 7745 | Glazing Bead Stop (Operating Sashes) / (H) | 4 |
| Energy / Royal | IV White 1067 / 7745 | Glazing Bead Stop (Operating Sashes) / (W) | 4 |
| Energy / Royal | IV White 1068 / 7747 | Glazing Lift Rail Handle (Operating Sashes) / (W) | 2 |
| Energy / Royal | IV White 1073 / 7724 | Pocket Cover Head / (W) | 2 |
| Energy / Royal | IV White 1078 / 7725 | Sash Cover Head (Keeper Sash) / (W) | 1 |
| Energy / Royal | IV White 1180 / 7727 | Interlock Cover (Operating Sashes) / (W) | 1 |
| Energy / Royal | IV White 1070 / 7736 | Sash Stop Frame Cover / (H) | 2 |
| Energy / Royal | IV White 1070 / 7736 | Sash Stop Frame Cover Head / (W) | 2 |
| Energy / Royal | IV White 1181 / 7738 | Sloped Sill / (W) | 1 |
| Ultra-Fab | W23303NW0000 | .210 x .300 Fin Seal Pocket Cover (W) / 1073 / 7724 / Frame Head | 1 |
| Ultra-Fab | W23303NW0000 | .210 x .300 Fin Seal Pocket Cover (W) / 1181 / 7738 / Frame Sill | 1 |
| Ultra-Fab | W23303NW0000 | .210 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Keeper Sash | 4 |
| Ultra-Fab | W23303NW0000 | .210 x .300 Fin Seal Sash Frame (W) / 1282 / 7750 / Lock Sash | 4 |
| Ultra-Fab | E20718WN2020 | .200 x .340 H-Bulb Seal Sash Frame (W) / 1282 / 7750 / Lock Sash | 1 |
| Ultra-Fab | W23301NW0000 | .187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Keeper Sash | 1 |
| Ultra-Fab | W23301NW0000 | .187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Lock Sash | 1 |
| Shapes Unlimited | W112257W0000 | 270 x .220 Fin Seal Sash Frame (H) / Single Leg Screen Frame | 3 |
| Shapes Unlimited | 06515NEW192 | Double Leg Frame New White | 1 |
| Adapt | 2584 | Tension Springs | 2 |
| Phifer | 3002806 | Fiberglass Screen Cloth Charcoal / 60" x 96" | 1 |
| Imperial Plastic USA | EX-FLX-Q165-BK | Screen Spine (H / W) | 4 |
| Hygrade Metals | CK252X260 | Aluminum Corner Keys | 4 |
| Hygrade Metals | ST-226-144-0.052 | Operating Sash / (W-1) Lock Sash / Impact Lock Top / Heavy Rebar | 1 |
| Hygrade Metals | ST-187-144-0.032 | Operating Sash / (W-1) Lock Sash / Bottom / Light Rebar | 1 |

| Series Tech 8313 Non-Impact Double Hung / Bill of Material | | | |
|--|--------------------------|--|----------|
| Supplier | Part Numbers | Description | Quantity |
| Hygrade Metals | ST-226-144-0.052 | Operating Sash / (W-1) Keeper Sash / Impact Lock Top / Heavy Rebar | 1 |
| Hygrade Metals | ST-187-144-0.032 | Operating Sash / (W-1) Keeper Sash / Bottom / Light rebar | 1 |
| Product Design | H-884 | Screen Clip Clear | 2 |
| Product Design | H-3150 | Screen Clip Clear | 2 |
| Product Design | H-808WHZ | Weep Hole Cover White | 2 |
| RH Products | HH-66 Vinyl Cement | Interlock Cover (Operating Sash) / Lock Sash (W) | 1 |
| RH Products | HH-66 Vinyl Cement | Interlock Cover (Operating Sash) / Keeper Sash (W) | 1 |
| Anesbury / Truth | 803827 | 27 lb. 3 Coil / 984 Series / Constant Force Balance | 4 |
| S.I.L. Plastic | 00156-C001 | Liftrail End Caps White | 4 |
| Smith Staple | BEA 8070 | Stainless Steel Staples 3/8 x 1/2 Sash (W) (H) | 20 |
| Lindenmeyr | W0511022 | 30PP12-18P50-9/16 X1 3/8 X 3 Foam Block | 2 |
| Lametek | 21300-00077 | 75 White Balance Plug | 4 |
| James Spring Wire | CS025 | Hurricane Grade Spring | 4 |
| Novagard Silicones | 02-40X0150010C2 | Accessory Parts Installation Translucent | 1 |
| Vision Industries | 1057A-003-EW | Hurricane Tilt Latch | 4 |
| Vision Industries | 3220SS-003-EW | Safe Seal Lock | 2 |
| Vision Industries | 8292A-003-EW | Safe Seal Keeper | 2 |
| Frank Lowe | 2NB-8K-0.125-032-064 | Pivot Bars / T-Shape Head | 4 |
| GLF Corporation | 112003 | Glass Setting Blocks Sash (W) Top / Sash (H) | 12 |
| GLF Corporation | 137341 | # 5/32" Tri-Rivet .040 / 275 Grip / Sash Pivot Bars | 12 |
| GLF Corporation | 120376 | # 8-18 x 0.850 Flat Wafer Shoulder / Sash / Hurricane Latch | 4 |
| GLF Corporation | 116821 | # 8 x 1 1/4" Tek White / Locks | 4 |
| GLF Corporation | 117595 | # 6 x 1" Tek White / Keepers | 4 |
| GLF Corporation | 117595 | # 6 x 5/8" Tek / Sash Rebar (H) | 12 |
| GLF Corporation | 120766 | # 6 x 5/8" Tek / Sash Rebar (W) | 12 |
| GLF Corporation | 116506 | # 8 x 3/4" Tek / Pan Head (Balance Shoes) | 4 |
| GLF Corporation | 401168 | # 5 x 3/8" Tek / Screen Clips White | 4 |
| Cardinal | Double Strength Tempered | # 12 x 3" Flat / Installation Screws | 10 |
| Cardinal | Double Strength Tempered | Operating Lock Sash / 3.1 T Q366 / 15.8 FED / 3.1 T | 1 |
| Cardinal | Double Strength Tempered | Operating Lock Keeper / 3.1 T Q366 / 15.8 FED / 3.1 T | 1 |

PROJECT #418-1001

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

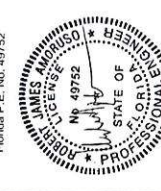
SERIES 8313 VINYL TILT DOUBLE HUNG WINDOW

BILL OF MATERIALS

DATE: 11/14/18
DRAWN BY: R.A.
SCALE: N.T.S.
SHEET: 3 OF 3



Robert J. Amoroso, P.E.
Florida P.E. No. 49752



Digitally signed
by Robert J.
Amoroso, P.E.
Date: 2018.11.21
10:44:19 -05'00'

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FBI Certificate of Authorization
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