



# COMMERCIAL APPLICATIONS

Meets ASTM F964-13  
Certification At All Times

28 Styles Available  
For Immediate Shipment

Miami-Dade  
75MPH Certified  
Up to 8' High

Fully Assembled 8' Wide  
Panels Standard

Available in 35 Colors &  
6 Authentic Woodgrains

100% Pure Virgin  
Vinyl for Structural  
Integrity and Color  
Consistency



**Before**



**After**

**After**

V300-6W101 Grand Illusions Vinyl WoodBond Mahogany beautifies Metro North Train Tracks

See pg. 11  
for more.





# PRIVACY



STANDARD 2' TO 8' HEIGHT PANELS • ALL PRE-ASSEMBLED • 8' WIDE FOR EASIER INSTALLATION



STANDARD 8' WIDE SECTIONS GREATLY DECREASE INSTALL TIME TO SAVE BIG \$\$\$!

V3215D-6WGLWT

Restaurants, Parking Lots

## Security and Beauty All In One

Illusions Vinyl Fence is compliant with ASTM F964-09, which is considered the "end all, beat all" testing specification for vinyl fence. The purpose of this specification is to establish a recognized standard of quality for exterior vinyl profiles for use in assembling agricultural, commercial, and residential fencing and railing.

100% Pure Virgin Vinyl Illusions Fences are manufactured to the highest testing standards in the world. Created to maintain their structural integrity and color retention over years and years of use. This rigorous testing has made Illusions a perfect fit for Landscape Architects and Fence Contractors for almost all Commercial fence applications.

### EASTERN GREEN L104



V300-6L104

# PRIVACY



### V300 Series



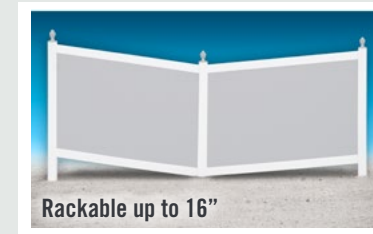
### V3700 SERIES



### V3215 Series



### Rackability



### Majestic™ 8" x 8" Posts



ILLUSIONS® FENCE IS AVAILABLE & DISTRIBUTED NATIONALLY!

VBF300-6BW

Fire Departments, Colleges

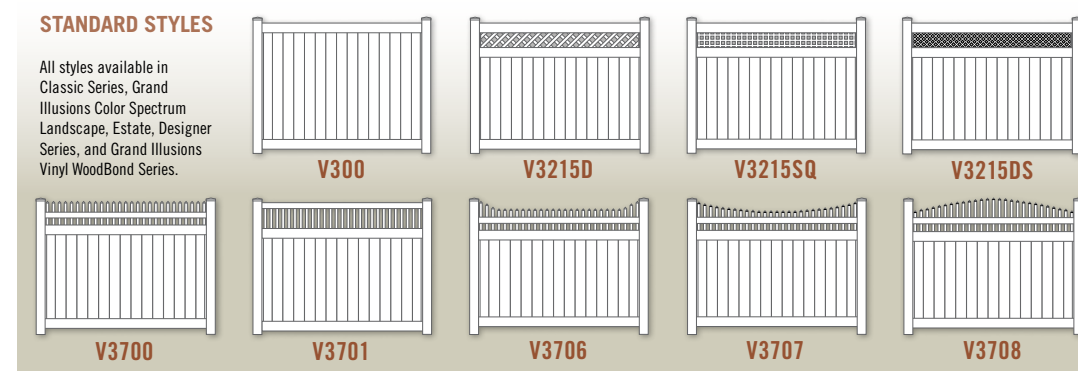
## Mix 'n' Match™ Curves & Colors

Illusions® Vinyl Fence Mix 'n' Match™ Curves & Colors System isn't just a clever marketing tool dreamed up by ad execs to sell more fences. It's provides a real life, project by project solution to compliment the property or structures of any given installation. Notice in the above photo how the arches of the VBF300-6BW fence perfectly compliment the arched windows of the building. Then notice how the white rails and posts with beige panels matches the framing around the windows and doors.

## CURVES & COLORS ALSO AVAILABLE IN ALL STYLES

### STANDARD STYLES

All styles available in Classic Series, Grand Illusions Color Spectrum Landscape, Estate, Designer Series, and Grand Illusions Vinyl WoodBond Series.

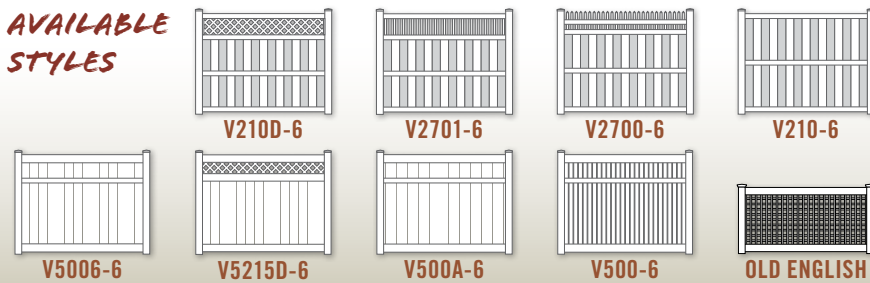




# SEMI-PRIVACY



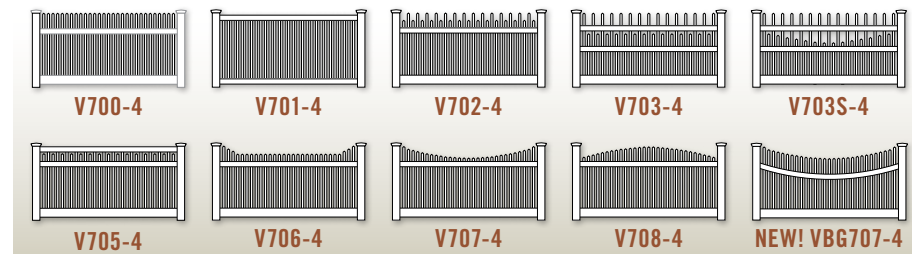
AVAILABLE STYLES



# CLASSIC VICTORIAN PICKET



Classic Victorian Fence - 1-1/2" x 1-1/2" pickets are the feature of this extremely popular fence style. Based on the look of red cedar picket fences, this is a very common style for demarcation. Especially perfect for road facing commercial properties.



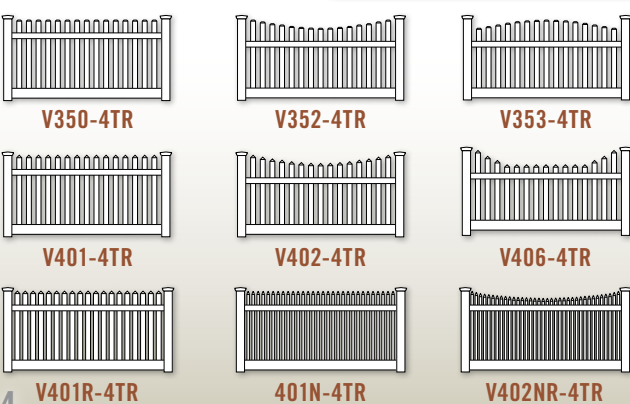
# CONTEMPORARY PICKET



The Good Neighbor Thru-Rail Fence



METAL U-CHANNEL STANDARD IN BOTTOM RAIL ABOVE 5' HIGH



Simple, Attractive, Timeless

100% Pure Virgin Vinyl Illusions® Contemporary Picket with its "good neighbor" style 3" x 7/8" spaced picket, is the perfect fit for apartment complexes, restaurants, catering halls, and any other application calling for spaced picket fence for beauty and property demarcation.

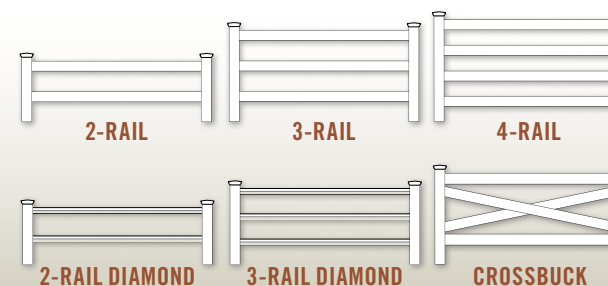
# POST & RAIL



Animal Friendly

Simply the highest quality Post & Rail available in the market today. Available Posts: 5" x 5" (.140), 5" x 5" Heavy (.250) Wall, and Majestic 8" x 8" Heavy (.250) Wall.

NO LEAD IN ANY ILLUSIONS® PRODUCTS. ANIMAL AND CHILDREN SAFE.



Safety and Quality First

Illusions® Post & Rail Vinyl Fence contains only premium quality 100% Pure Virgin Vinyl with no hidden fillers that may contain lead or other mixtures to harm horses or other animals. It will not easily get brittle and pierce or wound animals or children. It has passed all ASTM D4226 Tests for Rigidity. The quality simply speaks for itself.



# GATES



**Uni-Weld Gates** - Illusions® Uni-Weld™ Gates and Double-Drive Gates are designed to perfectly match all of our fence styles. We also have curved or scalloped accent gates available to create the perfect entrance way for every application.

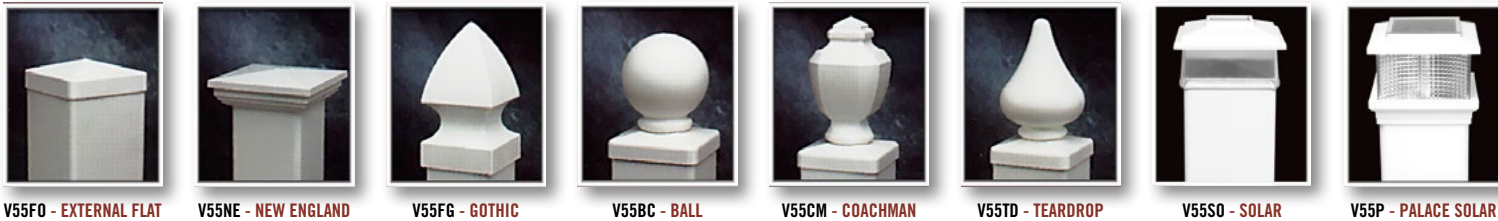


VVG300 VVG300-BW VVG3215D VVG3700 VVG3707

**UNI-WELD CONSTRUCTION™**



# ACCESSORIES



## Picket Top Styles



All *Illusions® Gate Hardware* is custom designed to our specifications and manufactured using only the highest quality materials that are held to the same rigorous standards we use for all of our products. Many of our products are available in both black and white. Always use a Vinyl Gate Stopper (VGS) and two sets of Drop Rods (DRAS) on double drive gates.



# SPECIFICATIONS



## WHAT IS ASTM F964-09?

### Scope

ASTM F964-09 is considered the "end all, beat all" testing specification for vinyl fence. The purpose of this specification is to establish a recognized standard of quality for exterior vinyl profiles for use in assembling agricultural, commercial, and residential fencing and railing. This specification covers Illusions Vinyl Fence sections and the EverStrong Profiles used to fabricate them.

### Materials

Illusions Vinyl Fence Products are manufactured using Rigid Poly Vinyl Chloride (PVC) compounds for exterior-profile extrusions that meet the requirements of ASTM Specification D4216.

### Manufacture

Illusions Vinyl Fence Products are manufactured to meet cell Class 3-30233-23 as defined in Specification D4216. Illusions compounds have higher cell classification because one or more properties are superior to those used in standard acceptable compounds.

**Color/Consistency Testing** – The PVC compound in extruded section shall maintain uniform color and be free of any visual surface or structural changes, such as peeling, chipping, cracking, flaking, or pitting after weathering at intervals of six months and one year for white and for six months, one year, and two years for all other colors in hot, dry climate such as Phoenix, AZ; a hot humid climate, such as Miami, FL; and a temperate northern climate, when tested in accordance with ASTM Performance Weathering Requirements (TABLE 1).

**Weathering Testing** – The PVC compound shall have a minimum impact resistance of 0.6 in.-lb/mil (2670 J/m) after weathering six months and one year in a hot, dry climate such as Phoenix, AZ; a hot, humid climate, such as Miami, FL; and a temperate northern climate, when tested in accordance with ASTM Performance Weathering Requirements. The PVC compound shall have successfully met the weathering requirements prescribed for six months at each climatic testing site prior to use in production of exterior-profile extrusions, when tested in accordance with ASTM Performance Weathering Requirements (TABLE 1).

## ASTM Specifications Met

- D256 - To determine Izod impact properties
- D618 - Practice for Conditioning Plastics for Testing
- D635 - Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position
- D638 - To determine tensile properties
- D648 - To determine heat distortion temperature
- D696 - Test Method for Coefficient of Linear Thermal Expansion of Plastics between 030°C and 30°C with a Vitreous Silica Dilatometer
- D790 - To determine flexural properties
- D792 - To determine specific gravity
- D883 - Terminology Relating to Plastics
- D1435 - Practice for Outdoor Weathering of Plastics
- D1600 Terminology for Abbreviated Terms Relating to Plastics
- D1784 - Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds
- D1898 - Practice for Sampling of Plastics
- D2240 - To determine Shore hardness values
- D2244 - Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates
- D2565 - Practice for Xenon-Arc Exposure of Plastics Intended for Outdoor Applications
- D4216 - Material Class Number 1-32333-3. To establish Cell Classification of PVC material. Illusions compounds have higher cell classification because one or more properties are superior to those used in standard acceptable compounds
- D4226 - Test Methods for Impact Resistance of Rigid Poly(Vinyl Chloride) (PVC) Building Products
- D4726 - Specification for Rigid Poly(Vinyl Chloride)

(PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors  
E-84-04 - Used to determine the flame spread value of PVC material; Illusions burn rate is significantly lower than allowed value

## Quality Assurance

Illusions Vinyl Fence Products are run through dimensional tests at the startup of a production run and every two hours thereafter including flattening, extrusion quality, impact resistance, warp, color comparison with standard color samples, capstock thickness, and bond testing will be done at the startup of a production and once per shift thereafter with a minimum of two tests per 24 hours of production.

TABLE 1 - Required Exposures for PVC Extrusions - In Process

Color of PVC Extrusions	Exposure Climate	Required Exposure Times, Months*
White	hot, dry (Phoenix, AZ)	6 and 12
	hot, humid (Miami, FL)	6 and 12
	northern temperate	6 and 12
Any other color	hot, dry (Phoenix, AZ)	6, 12 and 24
	hot, humid (Miami, FL)	6, 12 and 24
	northern temperate	6, 12 and 24

\*It is recommended that separate specimens be used for each exposure time.

THESE ARE THE RESULTS FROM AN ACCELERATED WEATHER TESTING CHAMBER IN LABORATORY CONDITIONS

## The Illusions® Vinyl Fence Advantage

This test is run according to ASTM Standard G-155, Cycle #1. All Illusions® Vinyl Fence Product is guaranteed to be made from 100% Pure Virgin Vinyl and assembled according to ASTM F964. Please note the difference in color retention and be assured, Illusions® Vinyl Fence will have uniformed color and be free of any visual surface or structural changes such as: peeling, chipping, cracking, flaking, or pitting after weathering.

Be assured! Insist on *Illusions® Vinyl Fence* Products.

Competitor:  
450 Hrs.  
(4-5 Years)

WOW!  
THAT WOULD  
COST A FORTUNE  
IN RE-INSTALLS!

Illusions®:  
1000 Hrs.  
(10-11 Years)



# 75MPH WIND KITS™



**What is the Miami-Dade County High Velocity Hurricane Zone Wind Certification and Why is it Important for Commercial Applications?** - Due to intense hurricanes, the building code specifications for Miami-Dade County, Florida are considered to be the most stringent in the nation. Once approved, this certification provides an extreme competitive advantage that allows for safer installs, more customer confidence, increased closing ratios and decreased repair costs.



## HEAVY WALL POSTS THE STRENGTH BEHIND THE SYSTEM



Majestic™ 8" x 8" and 5" x 5" Heavy Wall Posts

At a whopping .250" wall thickness, the Illusions® 75MPH Wind Adaptor Kit's strength is rooted in the structural integrity of the Illusions® 100% Pure Virgin Vinyl Heavy Wall Posts.



### Key West Housing Authority

When the Key West Housing Authority was looking for a vinyl fence, the only fence company they chose to accommodate their rigorous hurricane demands was Illusions® Vinyl Fence.

The request was for an 8' high by 8' wide vinyl fence that could handle hurricane force winds. Complete with 8" x 8" Majestic Posts, Illusions® is certified to handle those specs on more styles and choices than any other brand.

# GRAND ILLUSIONS



FEATURING  
**GRAND ILLUSIONS™** COLOR SPECTRUM AND **VINYL WOODBOND™** WOODGRAIN VINYL FENCE

Mix 'n' Match™ 35 Brilliant Colors and 5 Incredibly Life-like Woodgrains of 100% Pure Virgin Vinyl Illusions® Fence

(FOR MORE INFO, CHECK OUT THE OFFICIAL GRAND ILLUSIONS VINYL FENCE BROCHURE AVAILABLE AT [www.illusionfence.com](http://www.illusionfence.com))

**Come See the Options and Create Your Own Designer Fence!**



Infinite Combinations • Mix 'n' Match™ Colors Woodgrains • 2D and 3D Layouts  
**GoofProofJobs™** • Save Your Projects

**Illusions®**  
Fence Design Center™



[www.illusionfence.com](http://www.illusionfence.com)

## Illusions® 75MPH Wind Adaptor Kit Patent Pending

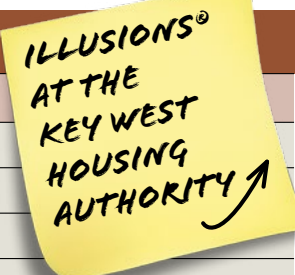
Will it hold up to an F5 tornado? Probably not. But in order to be certified, it had to sustain gusts up to 130 MPH for as long as 30-40 seconds. The Miami-Dade 75 MPH certification states that when properly installed, approved styles of Illusions® fencing can withstand sustained 75 MPH winds.

### The Most Available 75 MPH Wind Certified Styles in the World

With 26 Styles available for immediate shipment, Illusions Vinyl Fence has the most Miami-Dade County High Velocity Hurricane Zone Certified styles of vinyl fence available in the world. All of which are 8' wide panels to speed up installation time. Illusions is also the only brand in the world that has 75MPH Certified 8' high vinyl fence sections. Imagine the 8' high applications for Pure Virgin Vinyl Products in multiple colors. The variations are endless and the strength and security unmatched.

### 75 MPH WIND ILLUSIONS VINYL FENCE CERTIFIED ADAPTOR KITS

Item No.	Description
V75MPH-1	Privacy V300, V3215 Series 6'H 75 MPH Kit
V75MPH-2	Privacy 7' & 8'H 75 MPH Kit
V75MPH-3	Spaced Picket to 4'H 75 MPH Kit
V75MPH-4	Privacy 3700 Series 6'H 75 MPH Kit





# WHY ILLUSIONS?



**What is F964-09?** - F964-09 is the ASTM International standard specification for Rigid Poly (Vinyl Chloride) (PVC) Exterior Profiles Used for Fencing and Railing. This specification establishes requirements for the material properties and physical properties, including dimensional tolerances, extrusion quality, and weatherability, of rigid poly vinyl-chloride (PVC) exterior profiles used for agricultural, commercial, residential fencing and railing.

# APPLICATIONS

26 STYLES  
75 MPH  
CERTIFIED\*  
IN COLORS!  
\*WITH ILLUSIONS 75MPH WIND ADAPTOR KIT



**What is the Miami-Dade County High Velocity Hurricane Zone Wind Certification and Why is it Important for Commercial Applications?** - Due to intense hurricanes, the building code specifications for Miami-Dade County, Florida are considered to be the most stringent in the nation. Once approved, this certification provides an extreme competitive advantage that allows for safer installs, more customer confidence, increased closing ratios and decreased repair costs.

## ILLUSIONS® VINYL FENCE POSSIBLE COMMERCIAL APPLICATIONS

- AIRPORTS
- APARTMENT COMPLEXES
- CEMETERIES
- CORRECTIONAL FACILITIES
- DOG KENNELS
- GOLF COURSES
- GOVERNMENT FACILITIES
- HIGHWAY FENCING
- INDUSTRIAL GATES
- INDUSTRIAL PLANTS
- MINI-STORAGES
- NURSERIES
- OFFICE COMPLEXES
- PARKING LOTS
- PARKS & PLAYGROUNDS



- PERIMETER SECURITY
- PUBLIC WORKS
- RESIDENTIAL
- SECURITY PARTITIONS
- SPORTS FACILITIES
- SWIMMING POOLS
- ZOOS

## MAHOGANY - W101



V300-6W101 Grand Illusions Vinyl WoodBond Mahogany beautifies Metro North Train Tracks. See front cover for more photos of this project.

## Imagine the Possible Applications



CHECK [www.caddetails.com](http://www.caddetails.com) for spec drawings

With a complete line of Accessories, millions of variations using the Mix 'n' Match™ Curves & Colors System, 35 Colors, 5 authentic woodgrains, 8 different post caps, three different post variations (5" x 5" Standard, 5" x 5" Heavy Duty, and Majestic™ 8" x 8"), custom Illusions® Hardware available in both black and white, Uni-Weld™ Matching and Accent Gates, and much more, finding a unique and attractive fence for any application should be not only easy, but fun.

THE ONLY FENCE IN AMERICA THAT HAS ALL 8' WIDE SECTIONS UP TO 8' HIGH THAT PASSED THE MIAMI-DADE HURRICANE ZONE WIND TESTING (WITH ILLUSIONS® 75MPH WIND ADAPTOR KIT - PATENT PENDING).

## Why Illusions?

With the highest building code compliances in the nation, the largest Miami-Dade Hurricane Zone style selection in the market today, 26 styles available for immediate shipment, almost unlimited Mix 'n' Match™ possibilities with every style, and unparalleled speed and service, it's no wonder that Illusions Vinyl Fence is the 1st choice of Landscape Architects and Fence Contractors everywhere.

100% Pure Virgin Vinyl Illusions Fences are manufactured to maintain their structural integrity and color retention over years and years of use. Illusions® will certify that all of our vinyl fence is manufactured in the USA and is in compliance with applicable Federal, State and local specifications.



V300-6W103 Walnut



V352-4TR



V3708-6 w/ Custom V3708 Drive Gate with Majestic 8" x 8" Posts and Custom Majestic™ Ball Caps



V3215SQ-6W102 Cherry Grand Illusions Vinyl WoodBond



BROWN - L106 V300-6L106 Brown Dumpster Enclosure



# ILLUSIONS VINYL FENCE®



Shown: Custom Apartment Complex Entryway with Majestic™ 8" x 8" Posts with Ball Caps, 5" x 5" Posts with Ball Caps, and D-Rail Sweep Transition Panels based on the V700-4 Classic Victorian Spaced Picket Fence.

Illusions Post Specifications

Profile Code	Marketing Wall Thickness	+/- Tolerance	Extrusion Target Wall Thickness	+/- Tolerance	Maximum Wall	Minimum Wall
V559L - 5" x 5" x 9' Standard Line Post	0.1380	0.0100	0.1380	+0.01 / -0.008	0.1480	0.1300
VH559E - 5" x 5" x 9' Heavy Wall End Post	0.2500	0.0140	0.2500	0.0140	0.2640	0.2360
V889C - Majestic™ 8" x 8" Heavy Wall Corner Post	0.2500	0.0140	0.2500	0.0140	0.2640	0.2360

Based on Tolerance

AFTER DOING THE RESEARCH WE'VE DECIDED THAT ILLUSIONS® VINYL FENCE IS HANDS DOWN THE BEST CHOICE FOR THE MIDLAND COUNTY HOSPITAL PROJECT. THE 75MPH WIND ADAPTOR KIT IS A NO BRAINER! WE NO PROBLEM GETT THE BID!!!

- JAMES

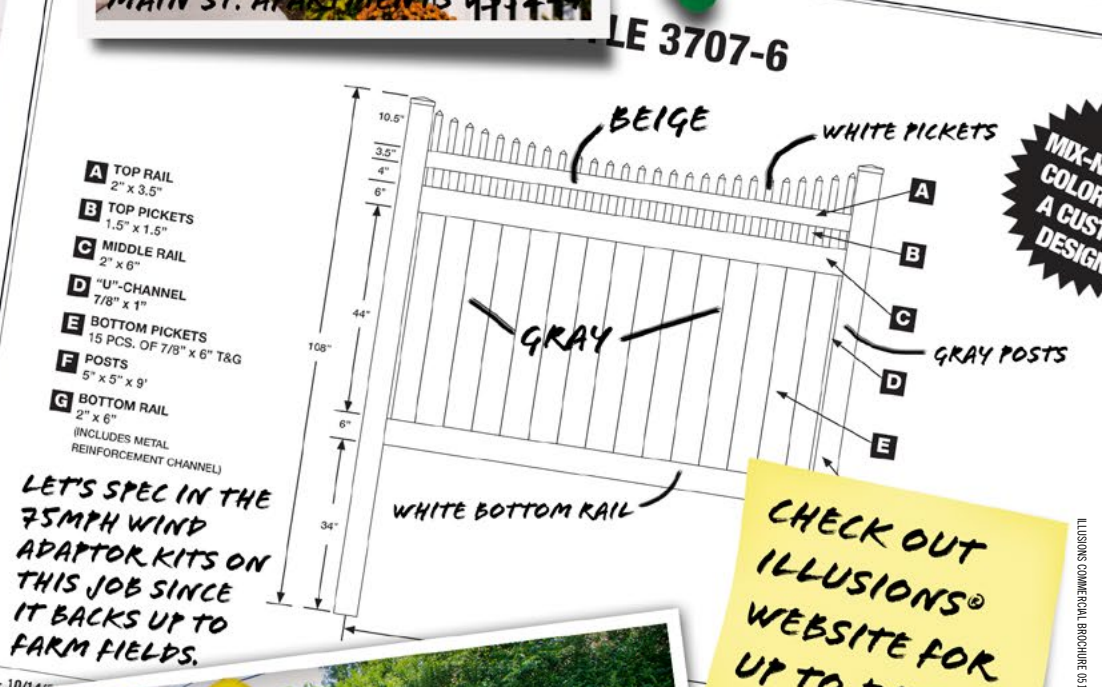
HERE'S A PIC OF THE V3707-6 FROM A PREVIOUS PROJECT. THE CUSTOMER WAS EXTREMELY HAPPY



Illusions® Vinyl Fence  
Just Built Better

Phone: 800.339.3362  
Email: info@illusionsfence.com  
www.illusionsfence.com

274 Middle Island Rd.  
Medford, NY 11763



CHECK OUT ILLUSIONS® WEBSITE FOR UP TO DATE SPEC SHEETS!



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