



COMMERCIAL APPLICATIONS

Meets ASTM F964-13
Certification At All Times

VMA Certified

27 Styles Available
For Immediate Shipment

Miami-Dade
75MPH Certified
Up to 8' High

Fully Assembled 8' Wide
Panels Standard

Available in 35 Colors &
Authentic Woodgrains

100% Pure Virgin
Vinyl for Structural
Integrity and Color
Consistency



Before



After

After

See pg. 11
for more...

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

ILLUSIONS FENCE IS
VMA CERTIFIED AND ASTM COMPLIANT



The VMA,
Vinyl
Manufacturers
Association
is the Voice of the
Vinyl Fence and Railing
Industry.

ASTM International is
a globally
recognized leader
in the
development and
delivery of
voluntary consensus
standards.

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-6WGLOWT

Restaurants, Parking Lots

Security and Beauty All In One

Illusions Vinyl Fence is compliant with ASTM F964-13, which is considered the "end all, beat all" testing specification for vinyl fence. Illusions is also VMA Certified (See pg. 7) The purpose of these specifications 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



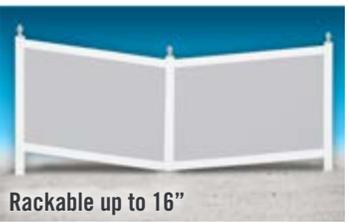
V3700 SERIES



V3215 Series



Rackability



Majestic™ 8" x 8" Posts



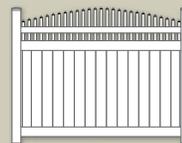
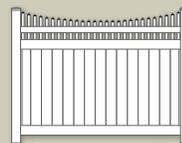
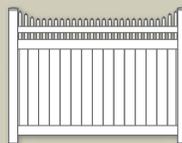
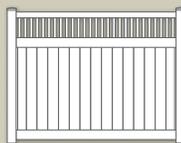
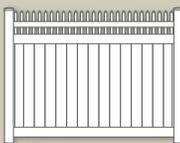
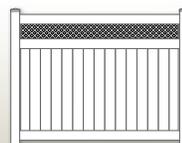
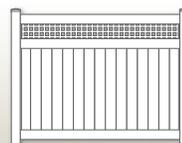
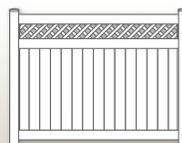
Mix 'n' Match™ Curves & Colors

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



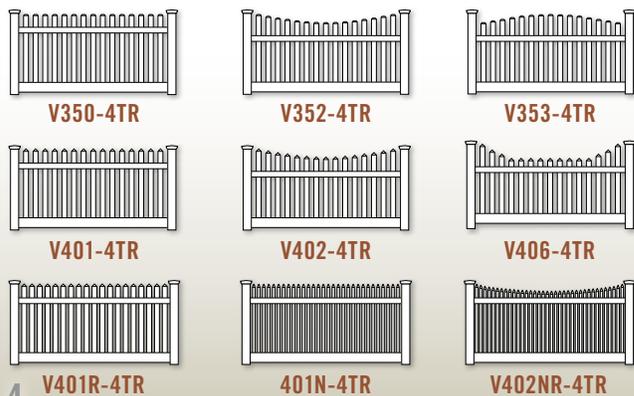
CONTEMPORARY PICKET



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.

CLASSIC VICTORIAN PICKET



V707-4BW

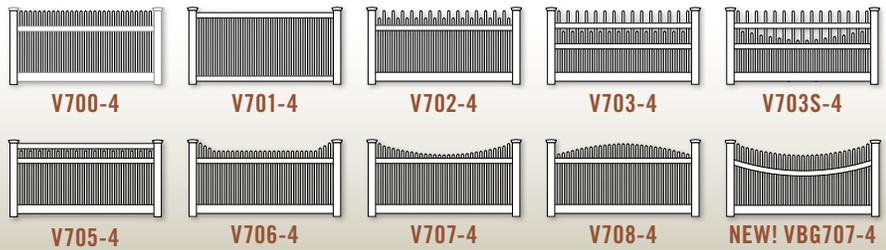
Classic Victorian Fence - 1-1/2" x 1-1/2" pickets are the feature of this extremely popular fence style. Based on the look of red cedar picket fences, this is a very common style for demarcation. Especially perfect for road facing commercial properties.



V700-4



Apartment Complex Entryway based on V700-4 with D-Rail Sweep



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.

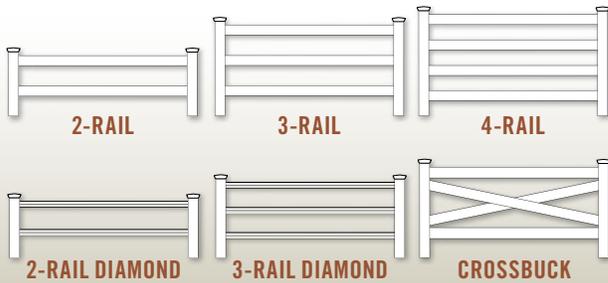
NO LEAD IN ANY ILLUSIONS® PRODUCTS. ANIMAL AND CHILDREN SAFE.



CROSSBUCK



2-RAIL IN FEDERAL BLUE (E102)



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 Truss System Gates - Illusions® Uni-Weld™ Truss System 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.



VWG300

VWG300-BW

VWG3215D

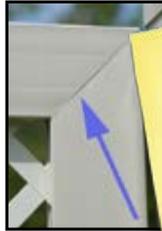
VWG3700

VWG3707

V3700 Series Drive Gate Shown with 8" x 8" Majestic™ Posts, Extra Strong Hinges (ESH), and 48" Drop Rods (DRAS48).

EXTRA STRONG HINGE

UNI-WELD CONSTRUCTION



THE BEST IN THE BUSINESS!



VB2



VBG10

VWG707

VWG700

VBG12

VBG11

VBG1

VBG3

VBG4

VBG5

VBG6

VBG8

ACCESSORIES



V55FO - EXTERNAL FLAT

V55NE - NEW ENGLAND

V55FG - GOTHIC

V55BC - BALL

V55CM - COACHMAN

V55TD - TEARDROP

V55SO - SOLAR

V55P - PALACE SOLAR

Picket Top Styles



DOG EAR

POINTED

1. 7/8" x 6" with Dog Ear Cap
2. 7/8" x 1.5" with Pointed Cap
3. 7/8" x 3" with Dog Ear Cap
4. 7/8" x 3" with Pointed Cap
5. 1-1/2" x 1-1/2" w/ Pyramid Cap

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.



VHDL

VGS

HANDLE STOPPER

VGSH

MLS-BK

CPH55

V21LL

V21SS

HLSS

DRAS

HLSS-WT

CPH55S-WT

V21SS-WT

ML-WT

IESH

CSB-12SS

CPH55S

THAHD

THSL

SPECIFICATIONS



WHAT IS ASTM F964-13?

Scope

ASTM F964-13 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.



The VMA, (Vinyl Manufacturers Association), is the Voice of the Vinyl Fence and Railing Industry and this is their certification logo. VMA Certified Illusions Vinyl Fence products meet or exceed industry standards.

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.

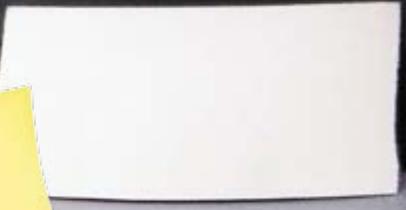
Be assured! Insist on *Illusions® Vinyl Fence* Products.



Competitor:
450 Hrs.
(4-5 Years)



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



Illusions®:
1000 Hrs.
(10-11 Years)

NFA Weather Test Illusions ©2009

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.

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 27 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.



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.

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

ILLUSIONS® AT THE KEY WEST HOUSING AUTHORITY

INTRODUCING

GRAND ILLUSIONS™

COLOR AND WOODGRAIN VINYL FENCE



FEATURING

GRAND ILLUSIONS™
COLOR SPECTRUM

AND GRAND ILLUSIONS
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.illusionsfence.com)

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

**Download the NEW
"ILLUSIONS FENCE
DESIGNER" from
your app store today!**



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

Illusions®
Fence Design Center™



www.illusionsfence.com



WHY ILLUSIONS?



What is F964-13? - F964-13 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.



V300-8 at St. Charles Hospital / Marhyaven School , NY

Why Illusions?

With the highest building code compliances in the nation, the largest Miami-Dade Hurricane Zone style selection in the market today, 27 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.



APPLICATIONS

27 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
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).



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



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



Illusions® Vinyl Fence
Just Built Better

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

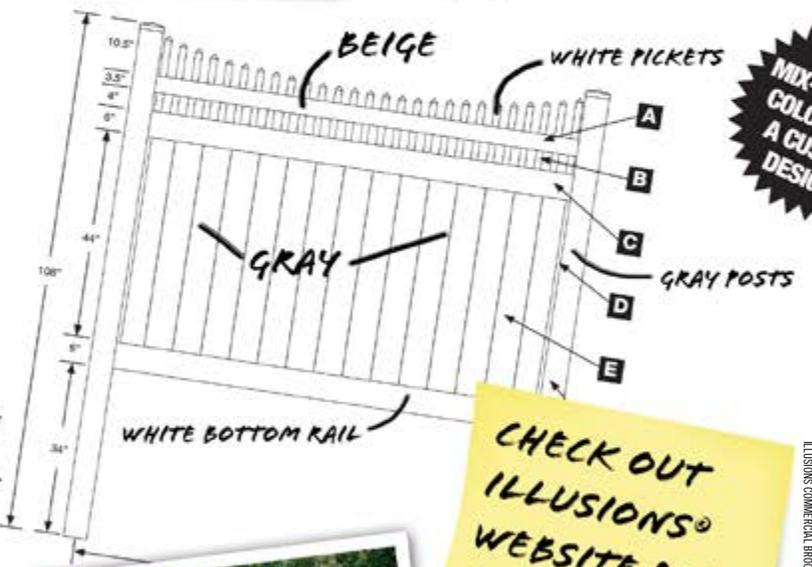
274 Middle Island Rd.
Medford, NJ 11763

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

STONE RIDGE
MAIN ST. APARTMENTS V352-4

LE 3707-6

- A TOP RAIL 2" x 3.5"
- B TOP PICKETS 1.5" x 1.5"
- C MIDDLE RAIL 2" x 6"
- D "U"-CHANNEL 7/8" x 1"
- E BOTTOM PICKETS 15 PCS. OF 7/8" x 6" TAG
- F POSTS 5" x 5" x 9'
- G BOTTOM RAIL 2" x 6" (INCLUDES METAL REINFORCEMENT CHANNEL)



MIX-N-COLORS
A CUSTOM DESIGN

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

LET'S SPEC IN THE
75MPH WIND
ADAPTOR KITS ON
THIS JOB SINCE
IT BACKS UP TO
FARM FIELDS.

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



V300-6W103 WALNUT



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