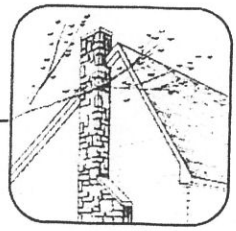
Brian Zingelmann
Architect

261 Garden Road
Columbus, Ohio 43214
(614) 262-7565 Fax: 267-0198

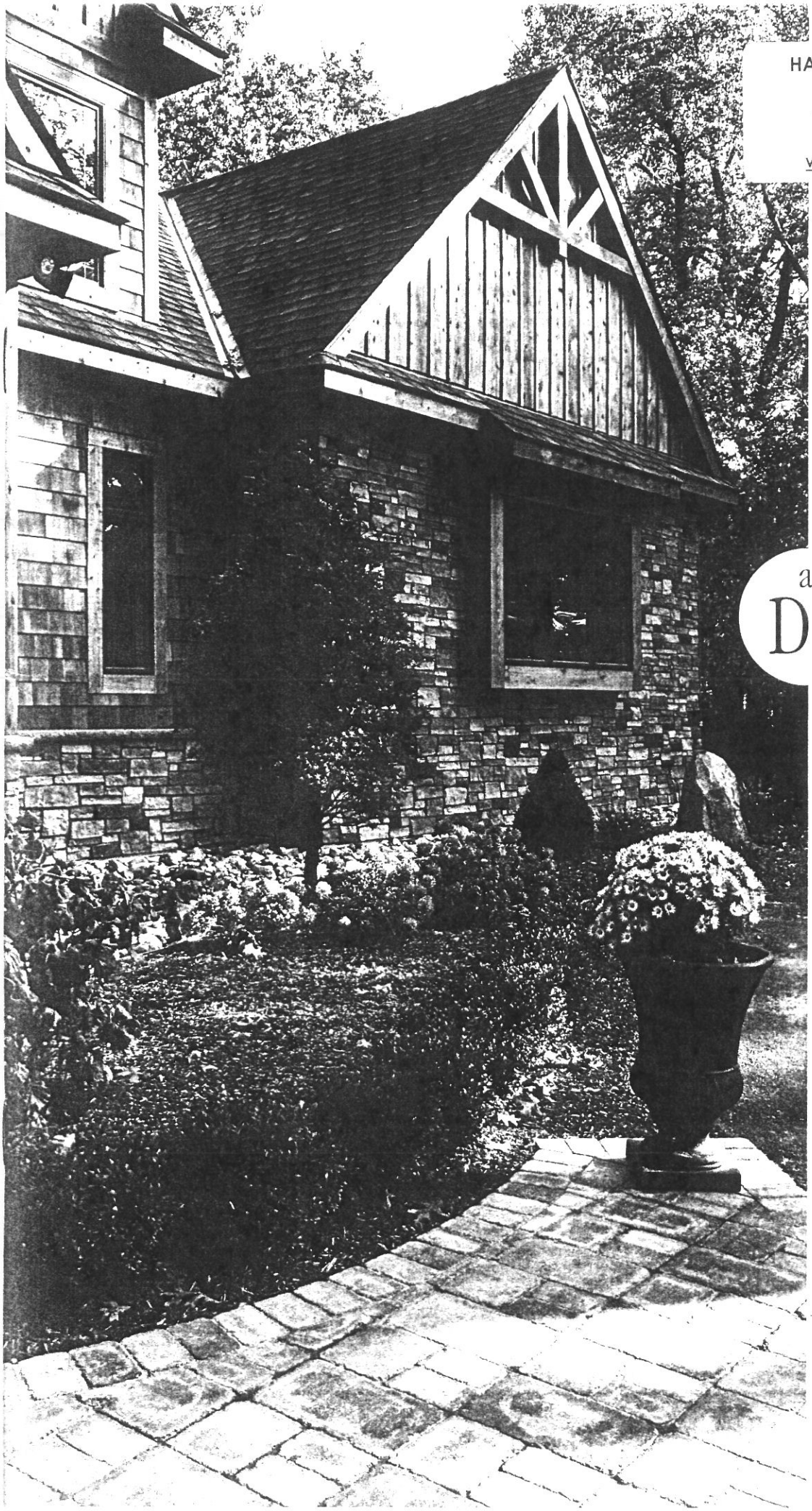


Katz Tire Store
2110 Livingston Avenue
Bexley, Ohio 43209

Project Description:
Interior and exterior remodeling to existing 1-story, 3264 sq. ft. building to change use from coin-operated, self-serve car wash to retail automotive tire sales and service.

Materials List:

- Manufactured Stone:
  Glen-Gery, Landmark Stone, Ashford limestone blend with buff sill/watertable trim.
- Siding:
  Vertical ribbed steel siding with concealed fasteners. 17 1/2" nominal width, Mid-West Manufacturing, Prairie Wheat color.
- Storefront Doors, Windows, and Lights:
  Kawneer 190 narrow stile doors. Kawneer Trifab 451 aluminum door and window frames, nom. 2" x 4 1/2". All framing aluminum, color is white.
- Overhead Garage Doors:
  Wayne-Dalton raised-panel design, insulated steel door, color is white.
- Roof Shingles:
  Option 1: reuse existing roof, match existing shingles for repairs and remodeling.
  Option 2: Reroof entire roof and improvements with new shingles depending on age and condition of existing roof shingles. New shingles to be GAF Timberline dimensional, Autumn Wood blend.
- Exterior Lighting:
  Hubbell NRG-1100 full cut-off compact wallpack light, color is white.
- Wood Privacy Fence:
  Extend and match existing wood fence, see plan and details.
- Monument Sign:
  See plan and details.



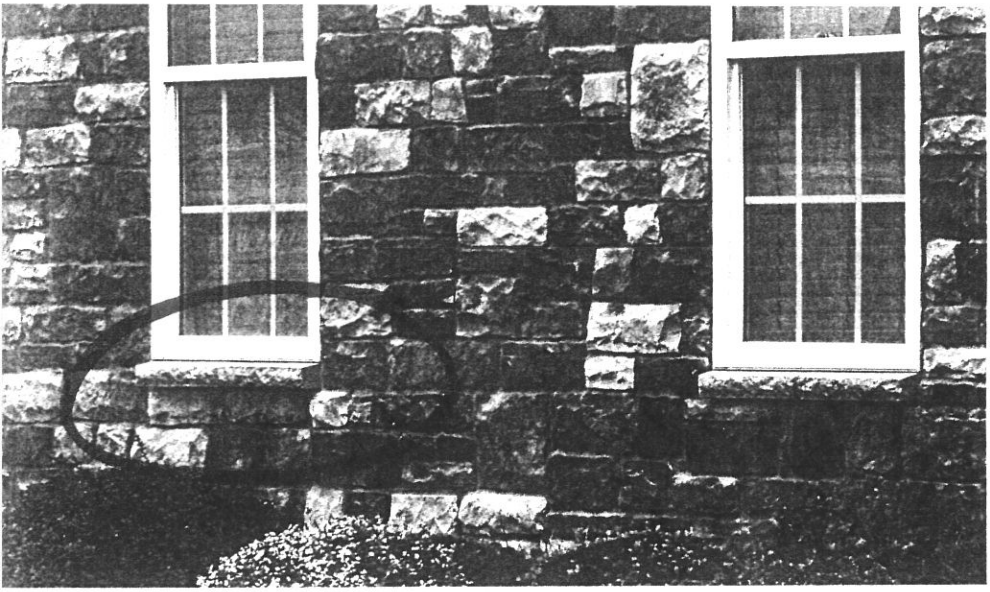
HAMILTON PARKER COMPANY
1865 LEONARD AVE
COLUMBUS, OHIO 43219
#614.358.7800
www.hamiltonparker.com

a Solid
Design
Statement

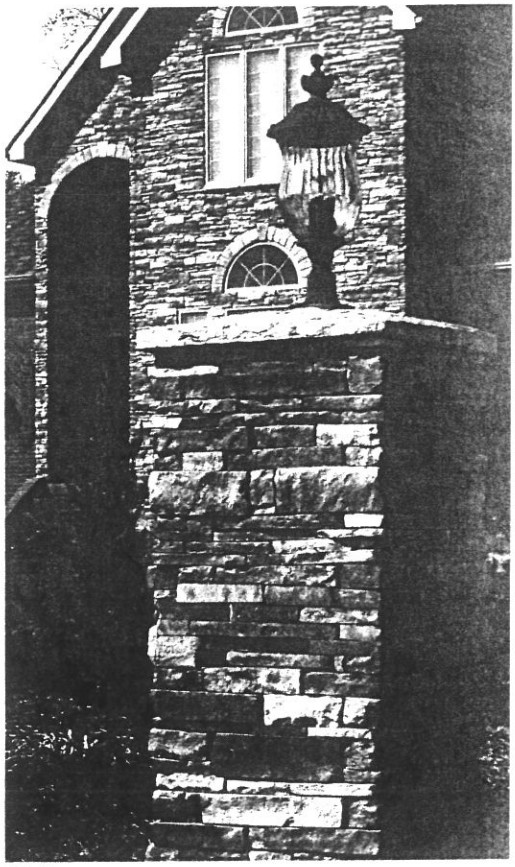
GLEN-GERY

LANDMARK STONE

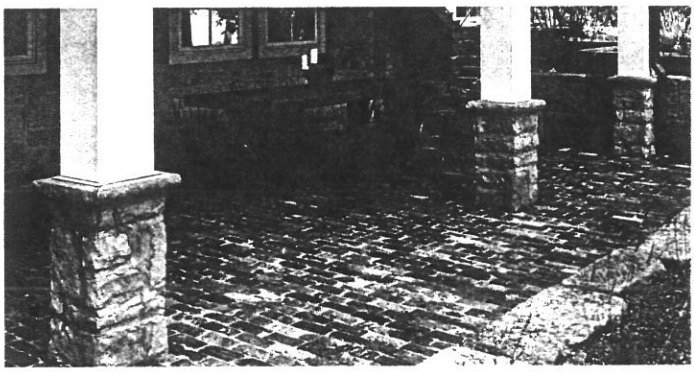
An Oldcastle® Company



Chisel Gray • LIMESTONE



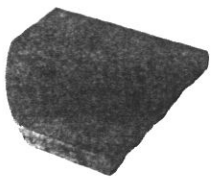
Chisel Gray • STACKSTONE



Chestnut • LIMESTONE

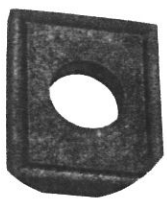
Glen-Gery Landmark Stone accessories measurements.

HEARTHSTONE



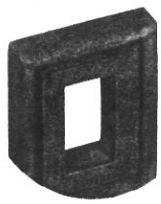
19-1/2" x 19-1/4" x 1-3/4"
Colors: granite, brown and buff

LIGHT BOX



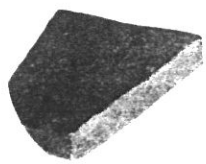
8-1/4" x 10-5/16" x 1-1/2"
Colors: granite, brown and buff

RECEPTACLE BOX



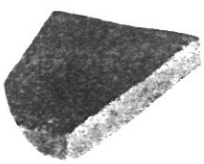
6-1/4" x 7-7/8" x 1-1/2"
Colors: granite, brown and buff

KEYSTONE (small)



4" x 7-1/2" x 9" x 1-3/4"
Colors: granite, brown and buff

KEYSTONE (large)



5" x 9-1/2" x 11" x 1-3/4"
Colors: granite and brown

ROW LOCK

4" x 5" x 1-1/2"
Colors: granite, brown and buff

TRIMSTONE

5-1/2" x 7" x 1-1/2"
Colors: granite, brown and buff

SILL

23-1/2" x 3" x 2-1/2"
Colors: granite, brown and buff

@genqc Kh dr snmd

Compare

GLEN-GERY LANDMARK STONE

An Oldcastle® Company

ICC ES

Glen-Gery Landmark Stone meets or exceeds code requirements as verified by ICC Evaluation Service (Report ERS-3420).

Description | **Technical Information**

Product Information

Brand: Landmark Stone

Profile: Limestone

© 2014 Glen-Gery Corporation Privacy Policy

On-screen colors are not necessarily precise and may not accurately represent actual brick, stone or mortar color. Selection should always be based on a sample.

Versatile

Our Steel can be installed on roof sheathing or over existing shingles. This saves time and money by eliminating removal and disposal costs of old roofing materials. By using our residential steel roofing, labor costs are minimized when a continuous sheet of steel is installed from the peak to the eave.

Tough

Shingles are often replaced every 10-15 years. Our residential steel roofing panels will provide years of maintenance-free service life way beyond any shingle. Hail and windstorms that destroy shingles struggle to damage our full, hard steel panels. This is truly the last roof you will need to install.

Efficient

Most conventional roofing materials absorb energy from the sun. Our residential steel roofing reflects most of the sun's rays which keeps attic space and living space cooler. The energy savings of *"Cool Chemistry"* steel roofing will save you money.

Home Appreciation

Our steel roofing is one of the top materials used for improving the value of your home. Studies show steel roofing increases the value of most homes.

Energy Savings

Our *"Cool Chemistry"* steel roofing with advanced resin and pigment technology reflects heat instead of absorbing it like shingles. This can save you up to 40% in summer cooling costs, according to the *Cool Metal Roofing Association.*

Insurance Savings

Many insurance companies will allow discounts for homeowners who have steel roofing due to the superior protection against hail, wind, and fire.

Questions & Answers:

Q: Is a steel roof more likely to get hit by lightning?

A: Absolutely not; however, in the unlikely event it is hit, it will actually disperse the energy safely and resist sparking unlike asphalt shingles which contain flammable petroleum based material.

Q: Is metal roofing noisy?

A: Absolutely not. The noise is virtually the same as it would be for shingles when installed on roof sheathing.

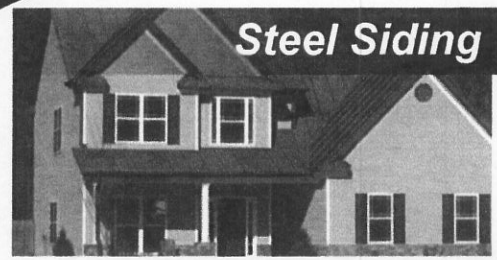
MADE IN U.S.A.

100% Recyclable Steel

Energy LEARN MORE AT energystar.gov

Complete the Look

with our other quality steel products!



Steel Siding

Steel Soffit & Fascia

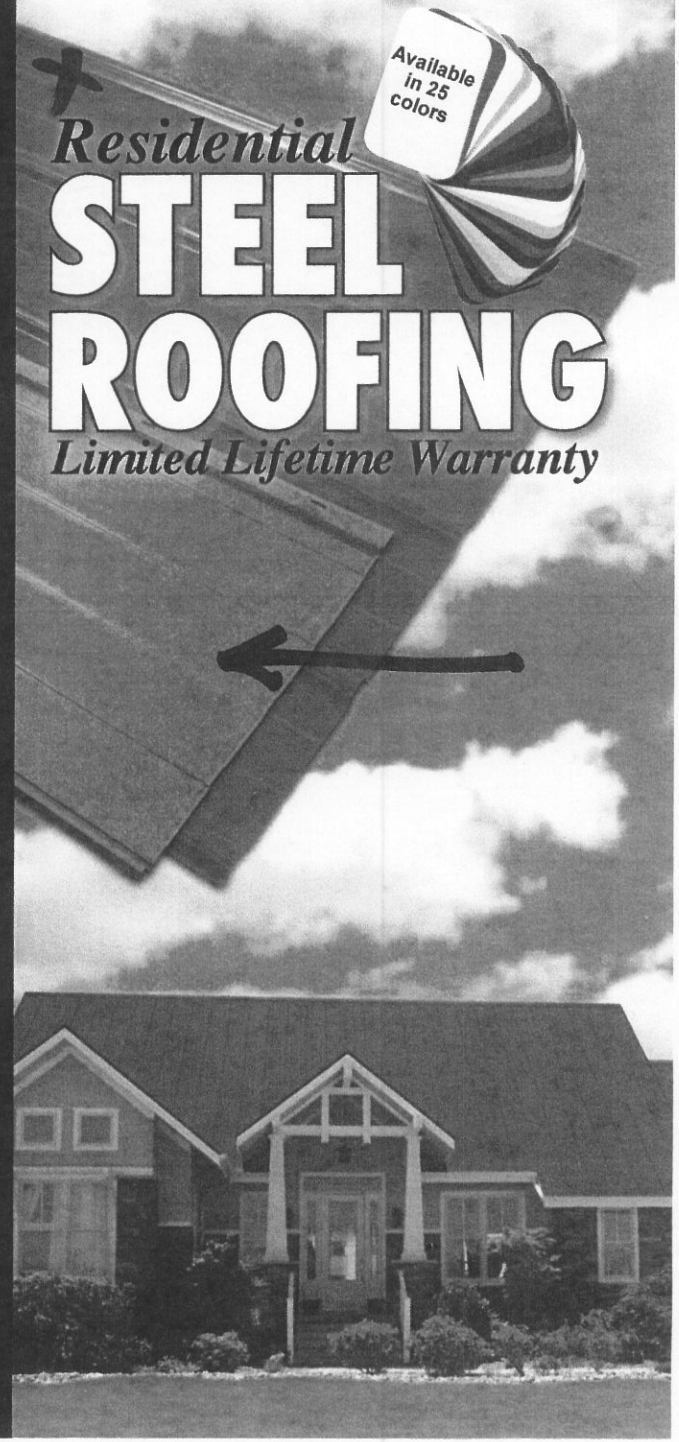
Steel Gutter Systems

Trim Coil & Custom Bent Steel

You draw it, we bend it!

www.midwestmanufacturing.com

Midwest Manufacturing © 06-10



Residential

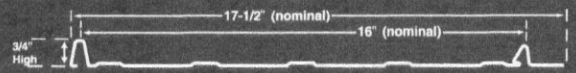
STEEL ROOFING

Limited Lifetime Warranty

Why Buy Steel Roofing?

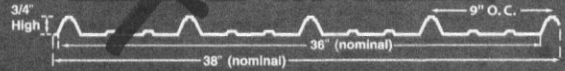
- **ENERGY STAR® rated**
  - "Cool Chemistry" steel roofing reflects the sun's heat instead of absorbing it like shingles, keeping your home cooler in the summer. Refer to www.energystar.gov for more information
- **Best hail protection**
  - Steel with proper ductility will not fail when hail decimates shingles
- **Best wind resistance**
  - Properly installed steel will survive wind that will devastate shingles
- **Best fire resistance**
  - Steel roofs are non-combustible
- **Best color selection**
  - Available in 25 colors
- **Copper colored steel**
  - Available in Premium Products
- **Steel roofs are light weight**
  - 65 to 85 lbs per square compared to 225 to 350 lbs.
- **No ice damming**
  - Steel roofs shed snow and ice easily, and will not absorb or be damaged by water
- **Fast Installation**
  - Steel roofs are quick and easy to install
- **Available in hidden and exposed fastener panels**
- **Color matched steel siding, soffit, fascia and gutter systems**
- **Virtually maintenance free**
- **Excellent investment**
- **Limited lifetime warranty on Premium Products**

HIDDEN FASTENERS



Our Residential Steel Roofing is available in 25 colors!

EXPOSED FASTENERS



WHITE | PRAIRIE WHEAT | IVORY | TAN | BRITE WHITE | SLATE BLUE | OCEAN BLUE | BRONZE | PATINA GREEN | FOREST GREEN | MIDNIGHT GRAY | EMERALD GREEN

PINEWOOD | BEIGE | BURNISHED SLATE | BROWN | ASH GRAY | LIGHT GRAY | CHARCOAL GRAY | BLACK | BRITE RED | RED | COLONIAL RED | BURGUNDY

NEW!

COPPER COLORED*

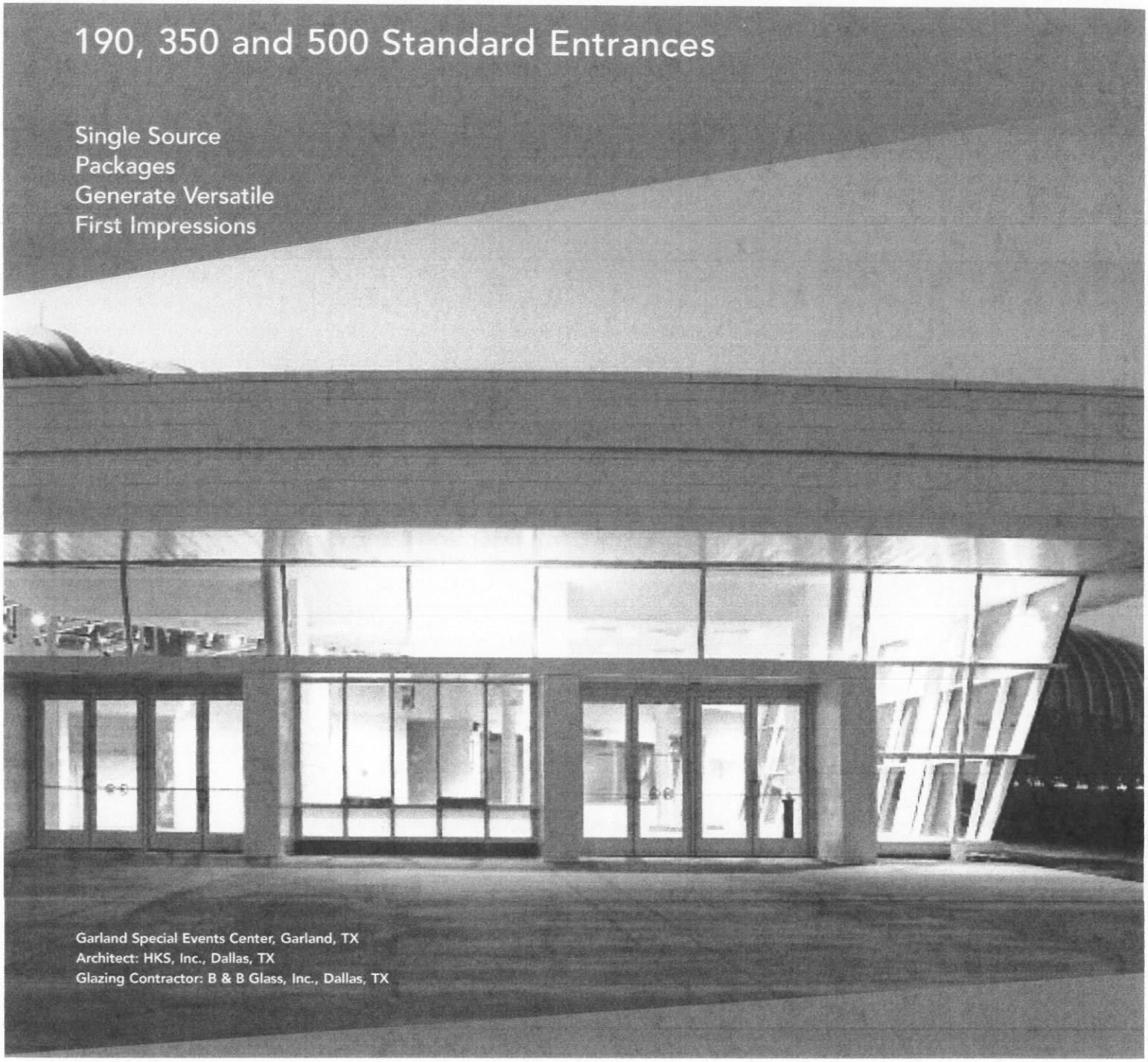
*Only available in Premium Products

Note: Color chips show approximate tone. Color of actual product may vary. Final color approval should be made with actual material.

www.midwestmanufacturing.com

190, 350 and 500 Standard Entrances

Single Source
Packages
Generate Versatile
First Impressions



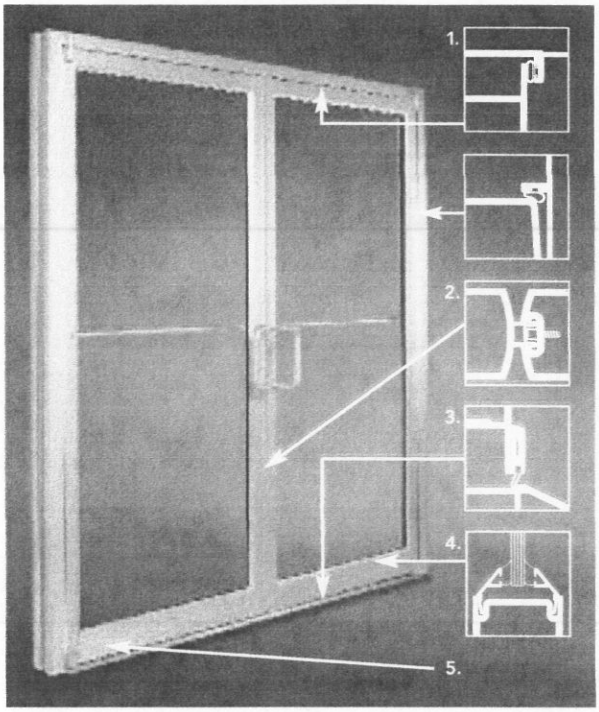
Garland Special Events Center, Garland, TX
Architect: HKS, Inc., Dallas, TX
Glazing Contractor: B & B Glass, Inc., Dallas, TX

Tough yet attractive, the clean lines of Kawneer's Standard Entrances are designed as a single-source package of door, door frame and hardware that is easily adaptable to custom requirements. Designed to complement new or remodel construction, modern or traditional architecture, they are engineered, constructed and tested to make good first impressions while withstanding the rigors of constant use by occupants and visitors.

Performance

To resist both lever arm and torsion forces that constantly act on any door, all three entrances feature welded corner construction with Sigma deep penetration and fillet welds plus mechanical fastenings at each corner – a total of 16 welds per door. Each door corner comes with a Limited Lifetime Warranty, good for the life of the door under normal use operation. It is transferable from building owner to owner and is in addition to the standard two-year warranty covering material and workmanship of each Kawneer Door.

KAWNEER



1. Thermoplastic elastomer weatherstrip in blade-stop of frame jambs, header or transom bar.
2. Integral polymeric fin is attached to adjustable astragal creating an air barrier between pairs of doors.
3. Optional surface-applied bottom weatherstrip with flexible blade gasket. Extruded raised lip on threshold to provide a continuous contact surface for bottom weatherstrip.
4. Standard 1/4" beveled glass stops sheet water and dirt off without leaving residue.
5. Available in all finishes offered by Kawneer.

The 190 Narrow Stile Entrance

- Is engineered for moderate traffic in applications such as stores, offices and apartment buildings
- Vertical stile measures 2-1/8"; top rail 2-1/4" and bottom rail 3-7/8"
- Results in a slim look that meets virtually all construction requirements

The 350 Medium Stile Entrance

- Provides extra strength for applications such as schools, institutions and other high traffic applications
- Vertical stiles and top rails measure 3-1/2"
- Bottom rail measures 6-1/2" for extra durability

The 500 Wide Stile Entrance

- Creates a monumental visual statement for applications such as banks, libraries and public buildings
- Vertical stiles and top rail are 5"; bottom rail measures 6-1/2"
- Results in superior strength for buildings experiencing heavy traffic conditions

Economy

Kawneer's Sealair® bulb neoprene weatherstripping forms a positive seal around the door frame and provides a substantial reduction in air infiltration, resulting in improved comfort and economies in heating and cooling costs. The system is wear and temperature-resistant and replaces conventional weathering. Bottom weatherstrip at the interior contains a flexible blade gasket to meet and contact the threshold, enhancing the air and water infiltration performance characteristics.

For the Finishing Touch

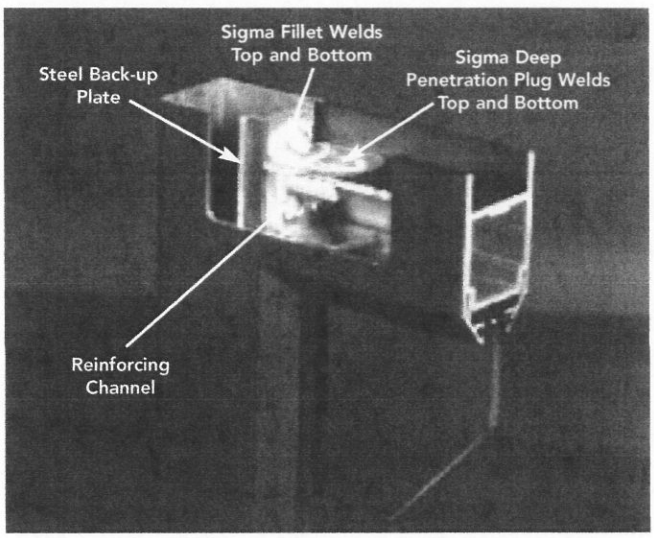
Permanodic® Anodized finishes are available in Class I and Class II in seven different colors.

Painted Finishes, including fluoropolymer that meet or exceed AAMA 2605, are offered in many standard choices and an unlimited number of specially-designed colors.

Solvent-free powder coatings add the "green" element with high performance, durability and scratch resistance that meet the standards of AAMA 2604.

General

- Heights vary to 10'; widths range from approximately 3' to 4'
- Door frame face widths range to a maximum of 4", while depths range to 6"
- Door operation is single or double-acting with maximum security locks or Touch Bar Panics standard
- Architect's Classic one inch round, bent bar push/pull hardware is available in various finishes and sizes
- Infills range from under 1/4" to more than 1"



Kawneer Company, Inc.
Technology Park / Atlanta
555 Guthridge Court
Norcross, GA 30092

kawneer.com
770 . 449 . 5555

KAWNEER
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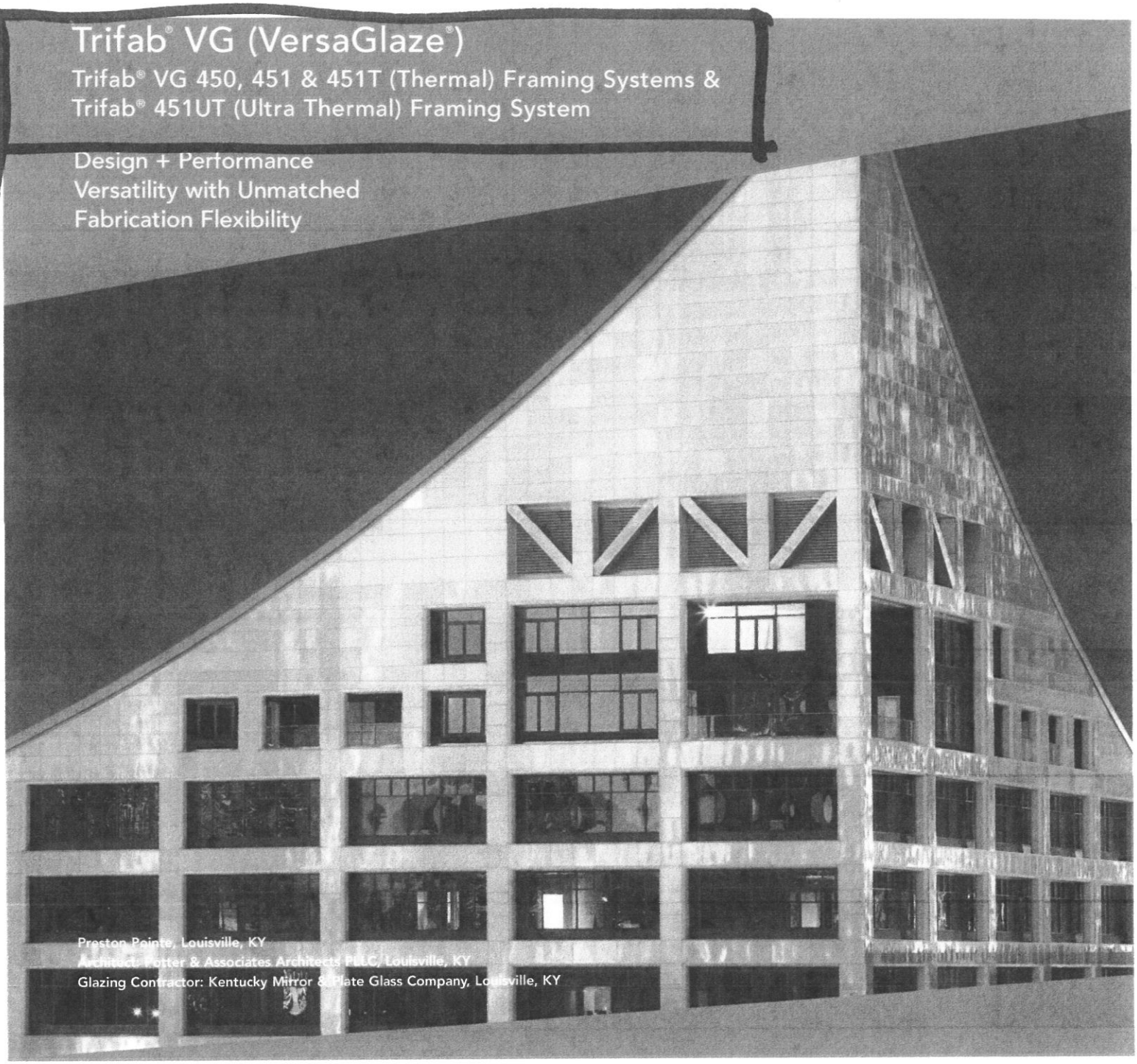
Trifab® VG (VersaGlaze®)

Trifab® VG 450, 451 & 451T (Thermal) Framing Systems & Trifab® 451UT (Ultra Thermal) Framing System

Design + Performance
Versatility with Unmatched
Fabrication Flexibility



Preston Pointe, Louisville, KY
Architect: Potter & Associates Architects PLLC, Louisville, KY
Glazing Contractor: Kentucky Mirror & Plate Glass Company, Louisville, KY

Trifab® VG (VersaGlaze®) is built on the proven and successful Trifab® platform – with all the versatility its name implies. There are enough framing system choices, fabrication methods, design options and performance levels to please the most discerning building owner, architect and installer. The Trifab® VG family's newest addition, Trifab® 451UT (Ultra Thermal) framing system, is designed for the most demanding thermal performance and employs a "dual" Isolock® Thermal Break.

Aesthetics

Trifab® VG framing systems offer designers a choice of front-, center-, back- or multi-plane glass applications. Structural silicone glazing (SSG) and Weatherseal glazing options further expand the designers' choices, allowing for a greater range of design possibilities for specific project requirements and architectural styles. All systems have a 4-1/2" frame depth – Trifab® VG 450 has 1-3/4" sightlines, while Trifab® VG 451/451T and Trifab® 451UT have 2" sightlines.

KAWNEER

With seamless incorporation of Kawneer entrances or windows, including GLASSvent® visually frameless ventilators, Trifab® VG can be used on almost any project. These framing systems can also be packaged with Kawneer curtain walls and overhead glazing, thereby providing a full range of proven, and tested, quality products for the owner, architect and installer from a single source supplier.

Economy

Trifab® VG 450, 451 and 451T framing systems offer four fabrication choices to suit your project (Trifab® 451UT available as screw spline fabrication only):

- Screw Spline – for economical continuous runs utilizing two piece vertical members that provide the option to pre-assemble units with controlled shop labor costs and smaller field crews for handling and installation.
- Shear Block – for punched openings or continuous runs using tubular moldings with shear block clips that provide tight joints for transporting large pre-assembled multi-lite units.
- Stick – for fast, easy field fabrication. Field measurements and material cuts can be done when metal is on the job.
- Type B – Same fabrication benefits as shear block except head and sill run through.

All systems can be flush glazed from either the inside or outside. The Weatherseal option provides an alternative to SSG vertical mullions for Trifab® VG 450, 451 and 451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior without the added labor of scaffolding or swing stages. Additionally, High-Performance (HP) Flashing options are engineered to eliminate perimeter sill fasteners and associated blind seals.

Brighton Landing, Cambridge, MA
Architects: ADD Inc., Cambridge, MA
Glazing Contractors: Ipswich Bay Glass Company, Inc., Rowley, MA

Finishes

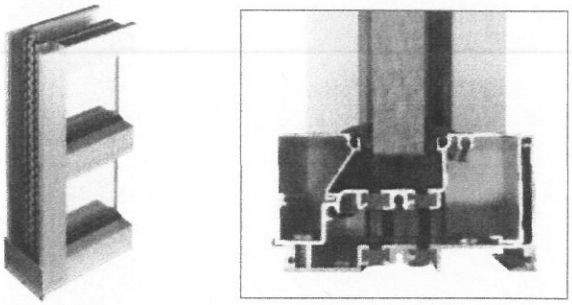
Architectural Class I anodized aluminum finishes are available in clear and Permanodic® color choices.

Painted finishes, including fluoropolymer that meet or exceed AAMA 2605, are offered in many standard choices and an unlimited number of specially-designed colors.

Solvent-free powder coatings add the "green" element with high performance, durability and scratch resistance that meet the standards of AAMA 2604.

Performance

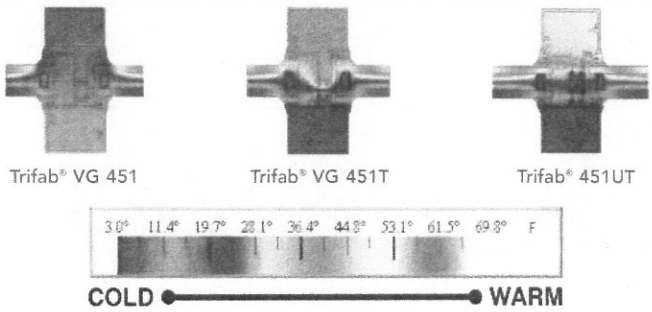
Kawneer's Isolock® Thermal Break process creates a composite section, prevents dry shrinkage and is available on Trifab® VG 451T. For even greater thermal performance, a "dual" Isolock® Thermal Break is used on Trifab® 451UT.



Trifab® 451UT uses a "dual" Isolock® Thermal Break (right) and features a new HP (High Performance) sill design, which incorporates a screw-applied end dam (left), ensuring positive engagement and tight joints between the sill flashing and end dam.

U-factor, CRF values and STC ratings for Trifab® VG vary depending upon the glass plane application. Project specific U-factors can be determined for each individual project. (See the Kawneer Architectural Manual or Kawneer.com for additional information).

Thermal simulations showing temperature variations from exterior/cold side to interior/warm side.



Performance Test Standards

Air Performance	ASTM E 283
Water	AAMA 501 and ASTM E 331
Structural	ASTM E 330
Thermal	AAMA 1503
Thermal Break	AAMA 505 and AAMA TIR-A8
Acoustical	AAMA 1801 and ASTM E 1425

Trifab® VG 450, 451 and 451T glazing options
(note: Trifab® 451UT available as center set glass plane only).

Kawneer Company, Inc.
Technology Park / Atlanta
555 Guthridge Court
Norcross, GA 30092

kawneer.com
770 . 449 . 5555

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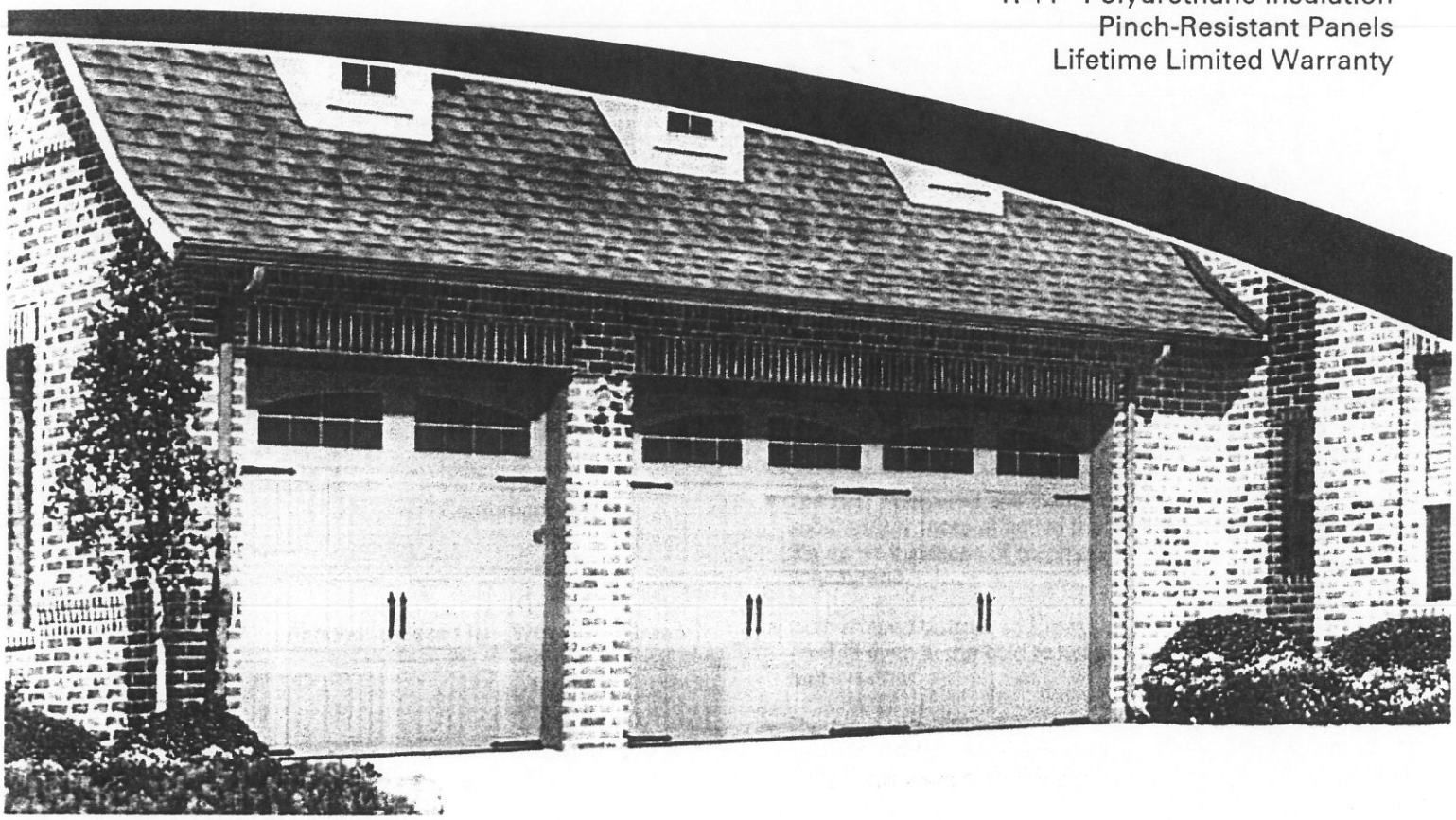
Wayne Dalton

9600 MODEL

CLASSIC STEEL

R-11* Polyurethane Insulation
Pinch-Resistant Panels
Lifetime Limited Warranty



Sonoma Panel, Desert Tan Finish, Arched Stockton Windows

door construction

- Embossed, high tensile steel panels give the look of wood with the strength of steel.
- Two-coat, baked-on polyester finish is virtually maintenance-free. This finish also makes an excellent base if you repaint to match the existing exterior colors of your home.
- The foamed-in-place polyurethane insulation is chemically bonded to each steel section, creating a structure with higher strength and dent resistance.
- Heavy-gauge steel wraparound end caps trim-out door edges for better appearance, improved strength and protection of the insulation from damage.
- Integral foam-filled horizontal struts at the top and bottom of door sections add rigidity for long life and smooth operation – extra strength without extra weight.
- Wind load models available. Wayne-Dalton Certified WindSAFE
- Sound-absorbing insulation makes the door operate quieter and reduces wind rattle.
- Attractive, low-profile hinges provide maximum strength between sections and add stability compared with ordinary vertical hinges. Hinges are factory-installed for proper alignment and smoother door operation.
- Bulb-shaped bottom seal remains flexible even in extreme cold to help keep the bad weather outside.
- SilentGlide™ nylon rollers with solid steel shafts provide years of smooth, quiet and dependable operation.
- Protective polymer caps add a finishing touch to the reinforcing struts.
- An insulated garage door improves thermal efficiency.

Wayne Dalton

WAYNE–DALTON, A DIVISION OF OVERHEAD DOOR CORPORATION

WWW.WAYNE-DALTON.COM

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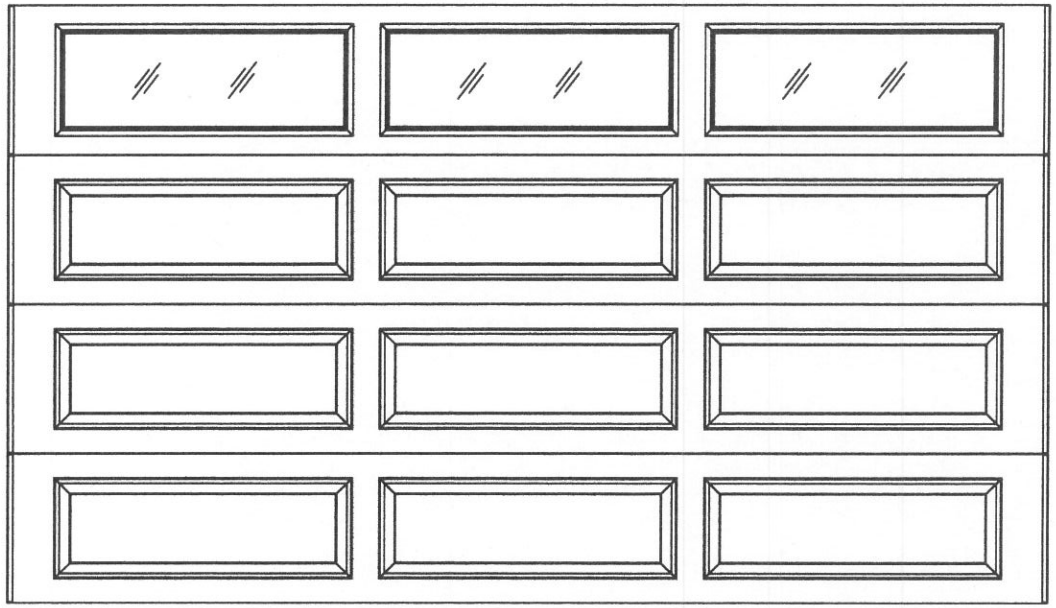


12 x 8 ~~12 X 7~~ STANDARD 9600 ERP PANEL DESIGN

POLYURETHANE INSULATION W/ STEEL BACKER
10.0 R-VALUE
4 SECTION/7 PANEL
STYLELINE II TOP SECTION SHOWN
CONSISTS OF (4) 20.8" SECTIONS

NRG® 1100

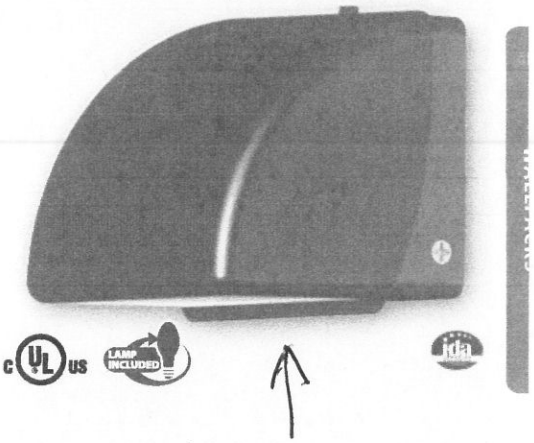
Full Cut-off Compact Wallpack

Hubbell Outdoor Lighting's NRG® 1100 family is packed with owner benefits. The IDA compliant optics allow no up light, saving energy and keeping the neighbors happy!

Two sets of recessed closure screws are included – Phillips head and tamper resistant allen head.

Use for wall perimeter or entry at mounting heights of 8-15 feet. The decorative styling is also rugged with one piece polycarbonate front, painted bronze or white on the inside, that resists rocks and other small projectiles. The die-cast housing provides rigid mounting, conduit and photocontrol hubs, easy mount design and heat dissipation.

Listed to UL1598 for use in wet locations



ORDERING INFORMATION

Catalog Number[1]	Wattage/Voltage	Finish	Weight lbs. (kg)
	Pulse Start Metal Halide		
NRG-1111-B	100w 120, 277, 347V	bronze	12 (5.4)
NRG-1111-W	100w 120, 277, 347V	white	12 (5.4)
NRG-1171-B	70w 120, 277, 347V	bronze	11 (5.0)
NRG-1171-W	70w 120, 277, 347V	white	11 (5.0)
	High Pressure Sodium		
NRG-1112-B	100w 120, 277, 347V	bronze	10 (4.5)
NRG-1112-W	100w 120, 277, 347V	white	10 (4.5)
NRG-1172-W	70w 120, 277, 347V	white	9 (4.1)
	Electronic Fluorescent		
NRG-1143-B	42w 120-277V, 60/50hz	bronze	7 (3)
NRG-1143-W	42w 120-277V, 60/50hz	white	7 (3)

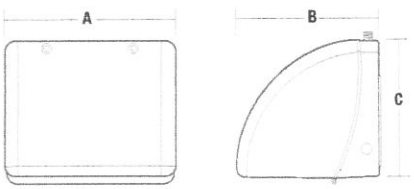
1 All fixtures include medium base or compact fluorescent lamps. CFL units use universal socket and are capable of operating 26 or 32w PLT lamps if substituted in the field; CFL lamps are 3500K, GX24q-4 base

ACCESSORIES - Order Separately

Catalog Number	Description
PBT-1	Photocontrol, button type, 120V
PBT-234	Photocontrol, button type, 277V

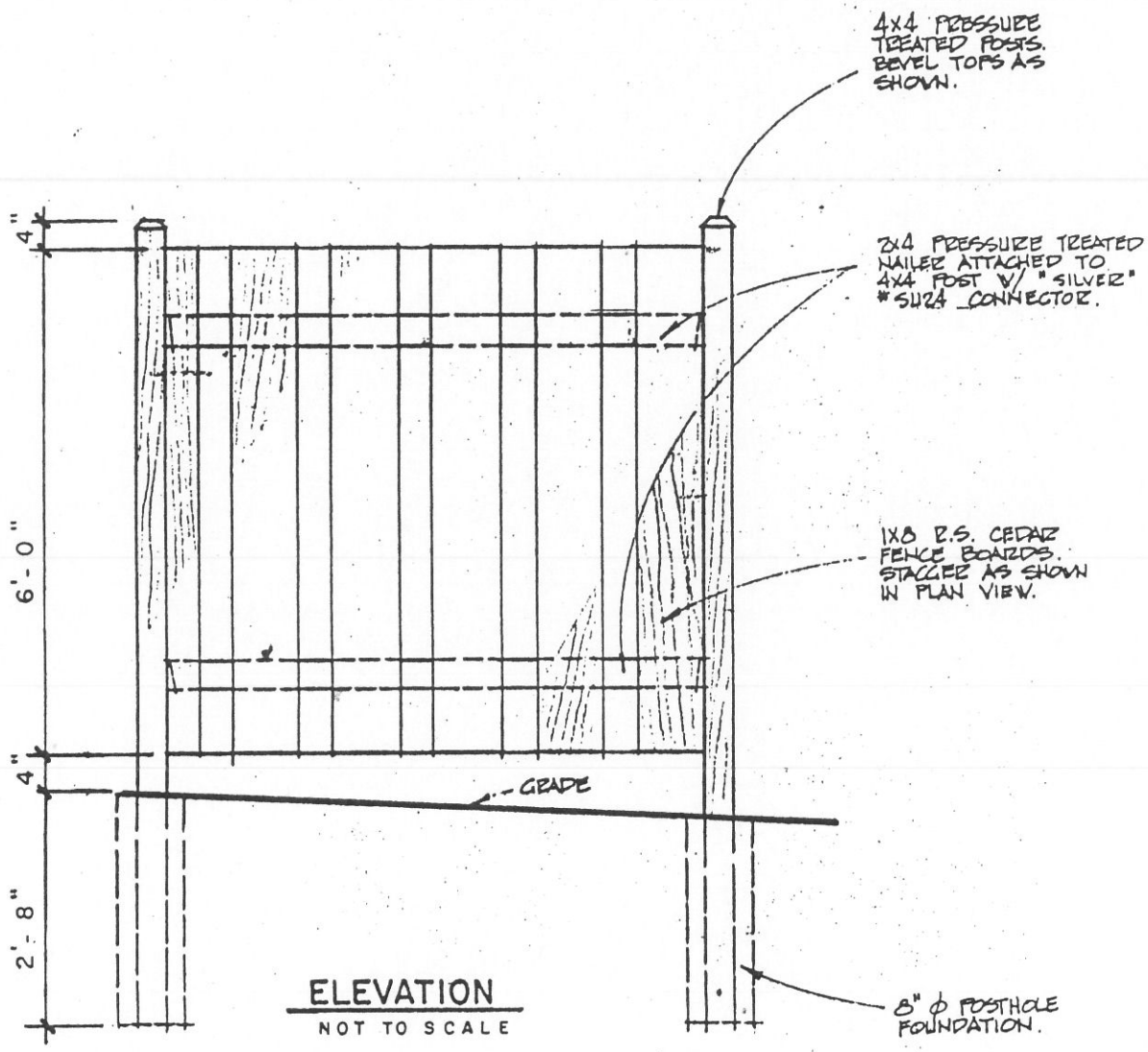
REPLACEMENT PARTS

Catalog Number	Description
NRG1100FHB	Polycarbonate front housing-bronze, 70w max.
NRG1100FHW	Polycarbonate front housing-white, 70w max.
NRG1111FHB	Polycarbonate front housing-bronze, 100w max.
NRG1111FHW	Polycarbonate front housing-white, 100w max.



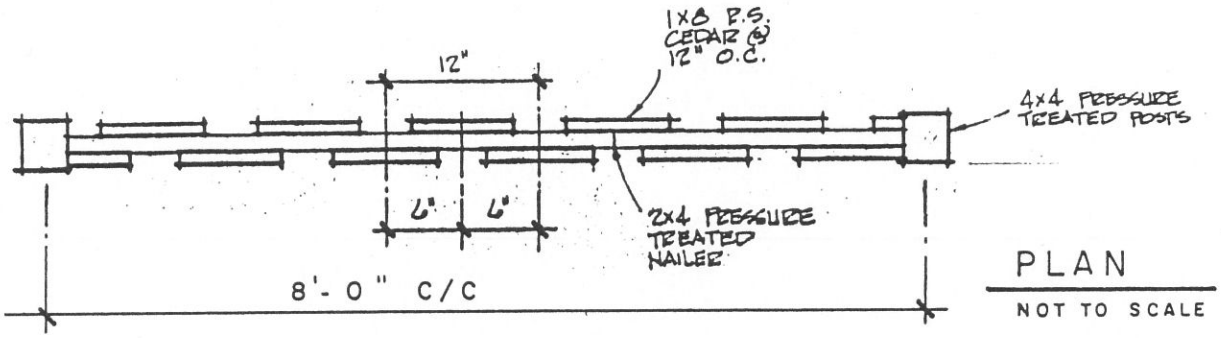
A	B	C
11 3/4"	9 1/2"	9 1/2"
298 mm	241 mm	241 mm

HUBBELL®
Outdoor Lighting



ELEVATION

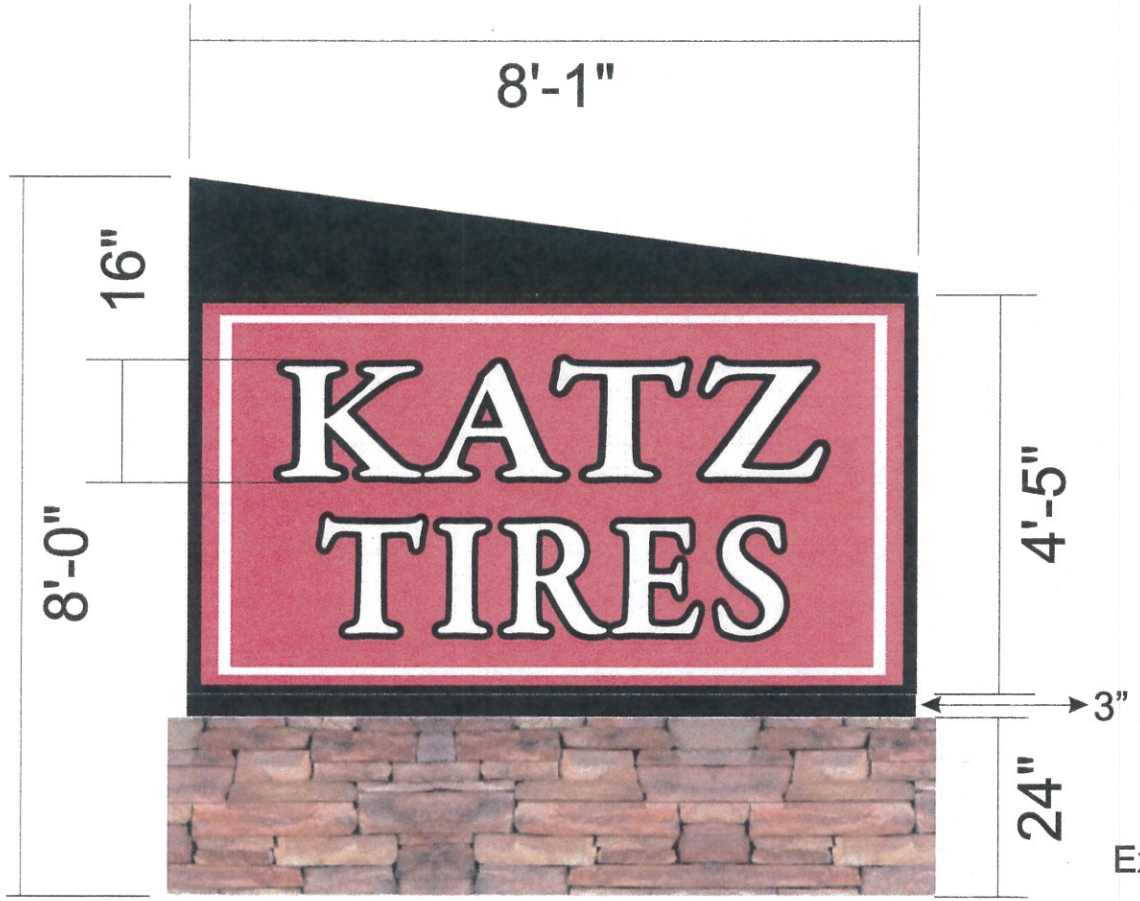
NOT TO SCALE



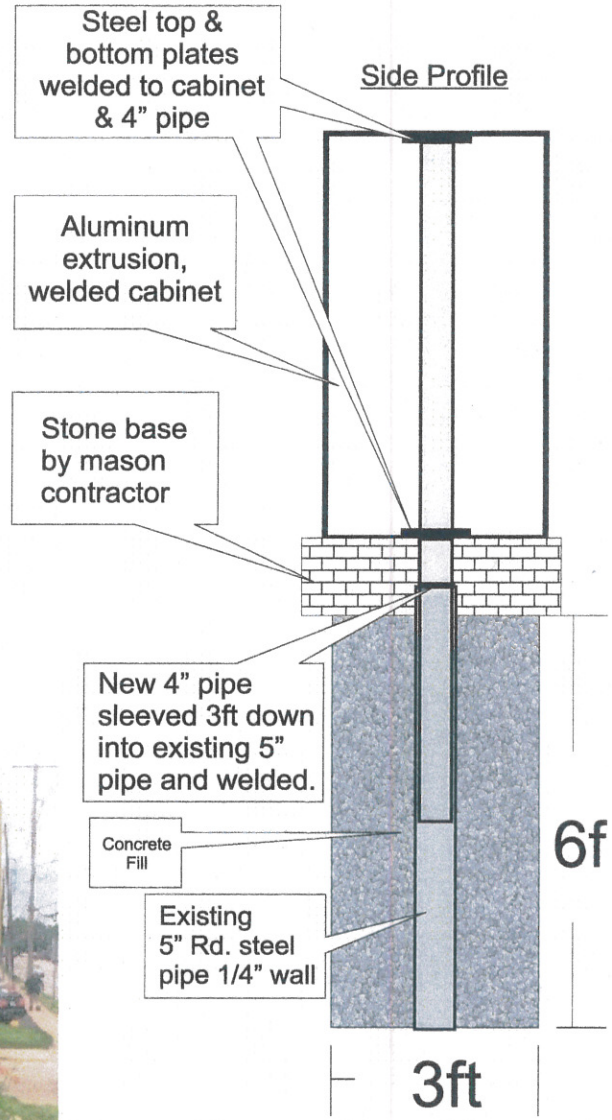
PLAN

NOT TO SCALE

SCREEN FENCE DETAILS



Existing Foundation Specifications



Existing

Illuminated monument sign

Signs Up Co.
Chicago Columbus OH
29 Linwood Ave
ols, OH 43207
4.402.5525
gnsup88@yahoo.com

Client	Katz Tires	Location	2110 E. Livingston Ave
Date	7/16/14	Sketch #	100.2
		Approval	
Date			

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