

glass worldwide



GLASTEC

#GLASSWORLDWIDE



< Glastec is a leading company specialized in the production of glass components for buildings, curtain walls, exterior and interior design.

We produce custom, innovative and special glass,
to support the vision and the ambition in every project. >



GLASTEC

U.S.A.

1 Henderson Street
Hoboken, New Jersey, 07030

LA TECNICA NEL VETRO

ITA

Via D. Catalano 88
Scafati, Salerno, 84018



glastecusa.com



quote@glastecusa.com (ask for a quote)

buy@glastecusa.com (orders)

s.varone@glastecusa.com (technical sales dept)

COMPANY PRESENTATION

CERTIFICATIONS

PARTNERS

JUMBO GLASS

.size over 236" x 126"
(6000 x 3210 mm and more)

MONOLITHIC GLASS

.float clear | mid-iron
.float extraclear | low-iron
.float colored
.float acid etched and pinhead texture

LAMINATED GLASS

.double glass sheet
.triple or custom glass sheet
.PVB & SGP (Trosifol or Vanceva)
.interlayer with mesh design

INSULATING GLASS

.double insulating
.triple insulating
.custom insulating
.venetian insulating blind
.offset insulating glass

DESIGN GLASS

.spandrel glass
.silk screened glass
.digital ceramic printing on glass
.walkable antislip printed glass

SPECIAL GLASS

.NanoEC Dynamic glass
.LCD switchable privacy glass
.birds anticollision glass

GLASS SYSTEMS AND ACCESSORIES

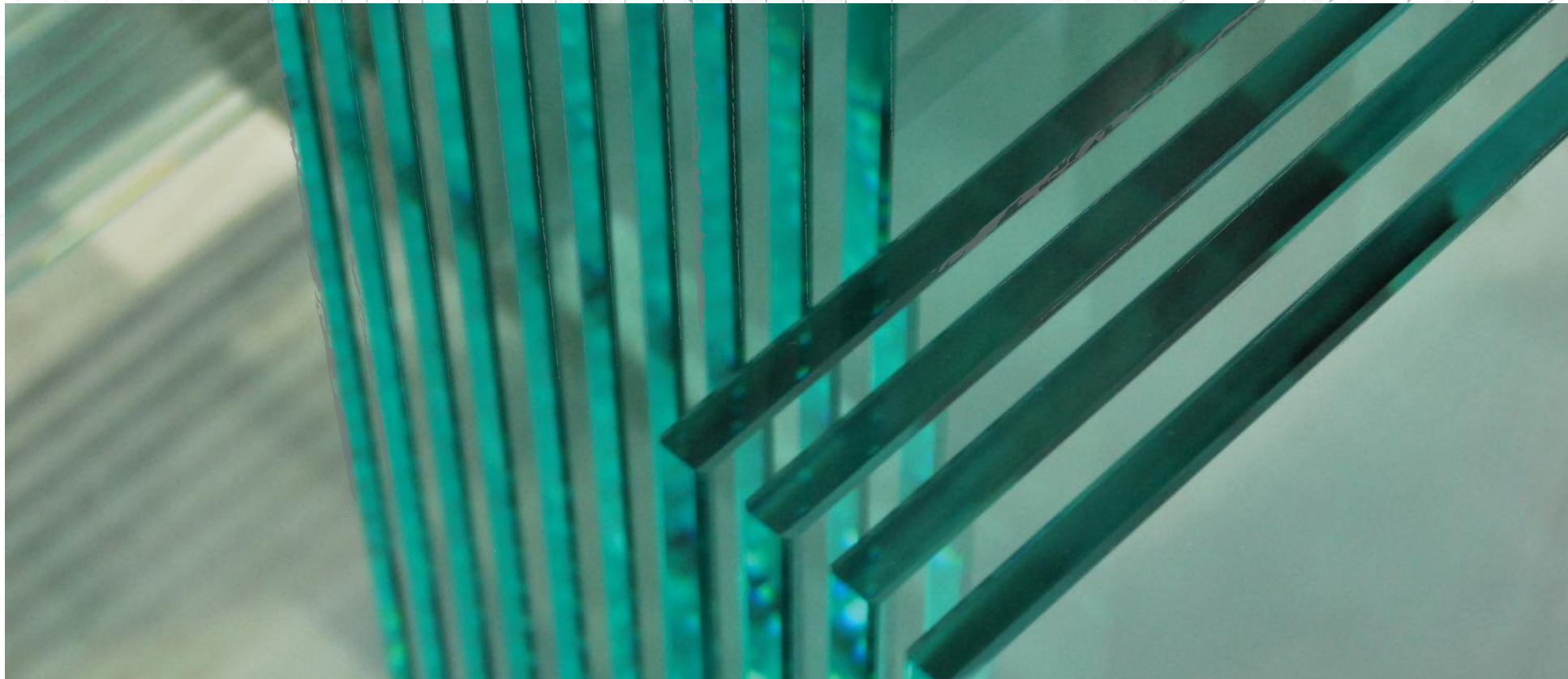
GLASTEC

< Glastec is a company that has been operating in the flat glass transformation sector since 1999, with an area of 190.000 sq ft in continuous expansion, and today, has a group of 105 employees. We produce glass for Building Facades, Curtain Walls, Storefront, Skylights, Interiors, Balustrades, Canopies, Bird Protection Glass, Doors and Glass Partitions, Shower box, Walkable Glass, Railings, Glass Design Elements, Digitally Printed and Screened Vertical Glass Panels and More. >

Fabricators of Oversized Architectural Glass.

< Inside, it includes the latest generation systems of Tempra and HST, Lamination with PVB and SGP (SentryGlas) in Autoclaves, of 3 systems for Standard and Structural Insulated Glazing, Frit Ceramic Glass/Spandrel Glass, Silk Screen Printing, Ceramic Digital Printing on glass, work center and cutting benches in vertical processing, and all these on JUMBO SIZE of 126" x 236". >

< Glastec has a production department equipped with the most innovative systems, intended for computerized glass processing, to ensure excellent results on the final product, with the implementation by the year 2020 of the industry 4.0. >



< Specialized in the production of the high quality glass, specifically our ability are to oversized units 126" x 236" (3210x6000mm). We can temper, laminate PVB and SENTRYGLAS, heat soak test (HST), insulating glass, structural insulating glass, frit ceramic glass/spandrel glass, silkscreen ceramic glass and more in these dimensions. >

The Greatest Selection of Glass Types

< As an independent glass processor, we source over 100 varieties of glass from the worlds leading manufacturers, like Guardian Glass, Vitro, Agc, Saint-Gobain, Pilkington and Glastrosch. We keep 5/32"(4mm), 1/4"(6mm), 5/16"(8mm), 3/8"(10mm), 1/2"(12mm), 5/8"(15mm) and 3/4"(19mm) in stock on base mid-iron and low-iron. >

Why Choose Us

< We have all the main certificates for the American and Canadian market like IGCC-IGMA, SGCC safety glazing, SentryGlas Kuraray, Blumcraft - CRLaurence on these products:

- Tempered (FT) / Heat-strengthened (HS) and Heat Soak Test (HST)
- Laminated Glass (LT)
- Tempered - Laminated Glass (FT/HS-LT)
- Insulating Glass or Triple Insulating
- Insulating Glass structural sealant

Finally, the company is authorized Dow-Corning and SIKA for the application of structural sealant in insulating glass and for structural bonding of glass / aluminum (on frame). >

Warranty

< Warrant glass against defective materials, seal failure, defects in or deterioration of low-e coatings, breakage due to flaws (NO spontaneous breakage due to nickel sulfide inclusions and bad storage), the manufacturing defects of the glass and defects in manufacture for a period of 10 years. We are able to provide ten-year insurance for construction sites with insurance coverage worldwide. >



safety glazing certification council

INSULATING GLASS
IGCC[®] IGMA
CERTIFICATION COUNCIL



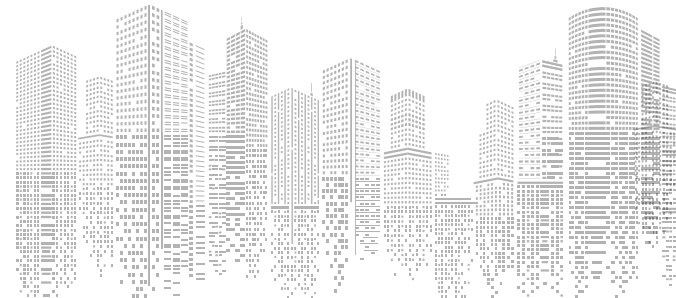
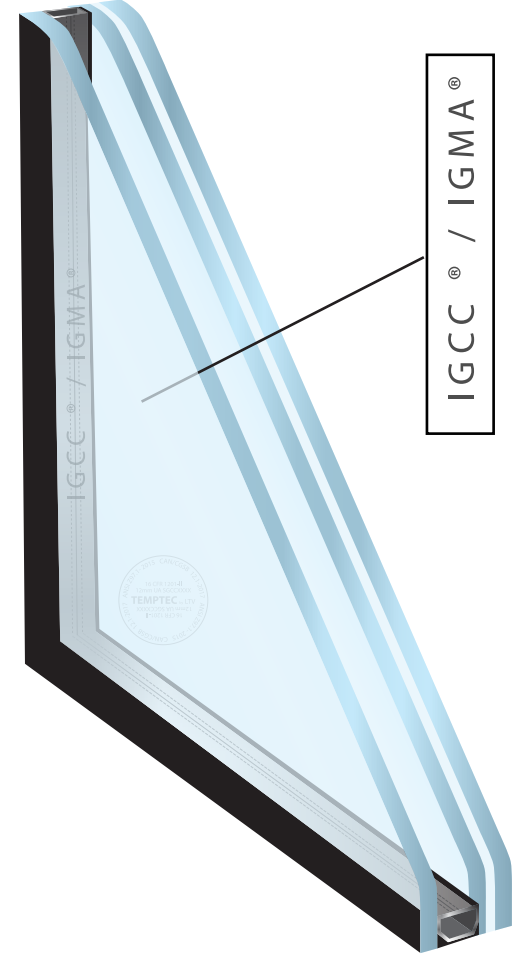
A CRH COMPANY

PARTNERS



PARTNERS

10



< Using Glastec large size glasses, there are no limits for your building projects. Our products are the result of many years of experience . Glastec products are the right components for buildings where aesthetics and functionality are in perfect balance.

As glass gets larger, wind loads, glass strenght and deflection become more critical. Glastec can help you in calculating these important values, to ensure a safe and successful building.

Please contact Glastec for further informations and send us a request, if you are interested in glass panes larger than 126" x 236" (6000 mm x 3210 mm). >

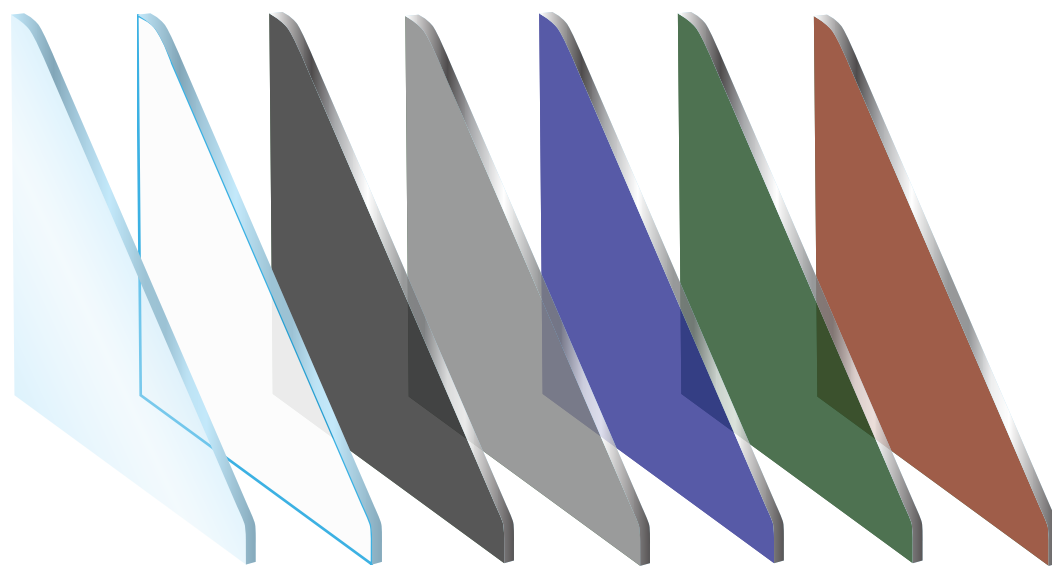


236"
(6000 mm)

126"
(3210 mm)

JUMBO GLASS

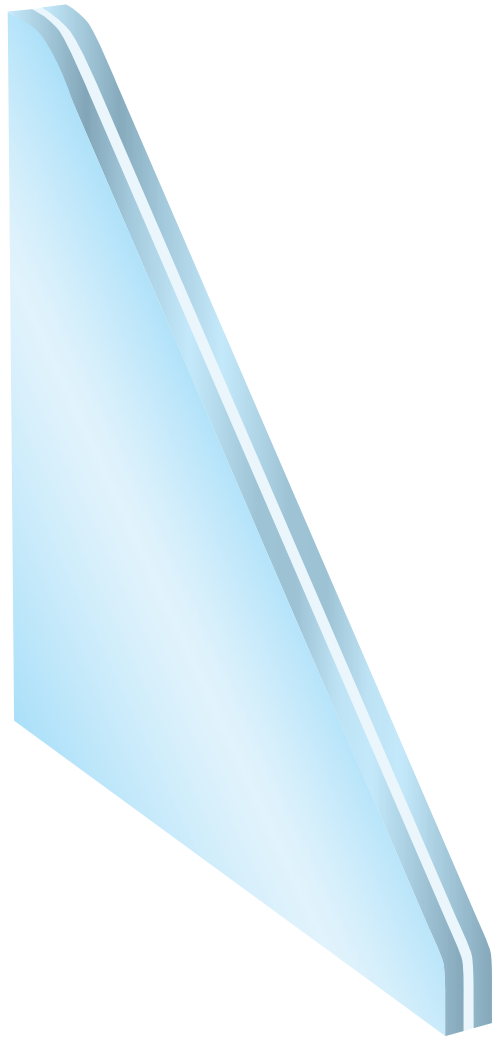
< Monolithic Glass is a single component available in several types and configurations. Monolithic glass products are strongened by the tempering process. Glastec production department is equipped with a Glaston FC 500 tempering furnace, to process monolithic glass. Heat Soak Test (HST) is also available on tempered monolithic glass. Tempered + HST Glass Panes are typically used to make laminated and insulated units. Design processes (see Design Glass section) are also available. >



< Glass coloured dough is used to make monolithic glass processed by Glastec to produce internal and external design elements. The coloured glass panes have solar-control properties (also referred to glass thickness). They are used to make insulating and structural glazing and to conjugate performances with aestetical features. >

up to : 236 ' ' by 126 ' '

thickness from 5 / 32 ' ' to 3 / 4 ' '



< Glastec produces several types of laminated glass. The most common units are constructed with two layers of glass bonded together with one or more interlayers. Our laminating process greatly reduces the risk of debris and the likelihood of breakage, it also improves the resistance factor. The several coefficients of penetration depend on a number of factors including the thickness of the glass and the type of interlayer selected. Laminated glass has more available coatings than monolithic glass. As an example Low-E coatings can be used inside a laminated unit where they are protected. The interlayers used in laminated glass are available in a variety of texture, colors and opacities. Low-E coatings, silk-screen pattern and digital printing can be applied to the exterior layer of glass. >

up to : 236 ' ' by 126 ' '

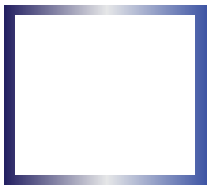
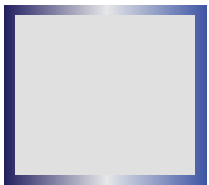
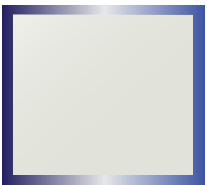



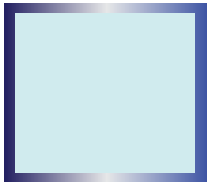
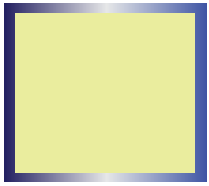
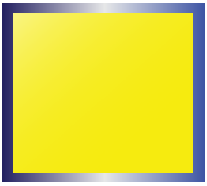




< Laminated glass interlayers are available in a variety of colors. Colored laminates are the ideal solution for aesthetic and design glazing and can be customized according to the color table below. Please contact us if the laminated glass color you are looking for is not included on the list above. >

AVAILABLE
INTERLAYERS

PVB
PVB COLOR
PVB ACOUSTIC

TROSIFOL EXTRASTRONG®
TROSIFOL SGP SentryGlas®
VANCEVA®

							
Pure White	Pearl Gray	Soft Gray	Snow	Dark Gray	Black	Deep Blue	Sea Blue
							
Sky Blue	Gold	Smile Yellow	Orange	Grass Green	Rose	Purple	Red

< Know more about special interlayers to produce unique laminated glass panes. Gold, silver, diamond, metal effects are available. A catalog is available with several patterns for any use in ambitious interior design projects and in the creation of unique structural façades. >

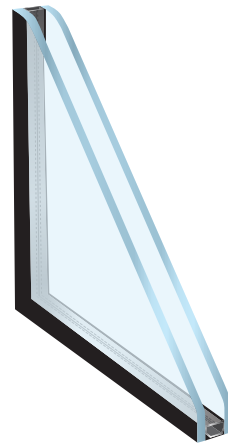
MESH INTERLAYER

< Insulating Glass or double glazing is a particular combination of two or more panes separated with a spacer bar and hermetically sealed using dedicated sealants. Air Space between the glass panes improves the thermal and acoustic performance. Using Insulating Glass significantly improves efficiency and reduces heating and air-conditioning costs.

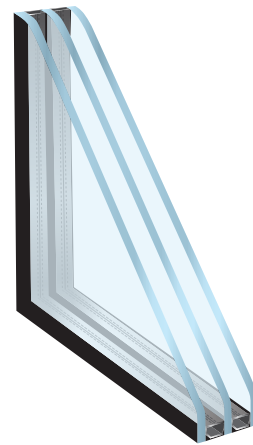
Insulating Glass units also reduce interior condensation in cold climates, maximizing the usable interior space. Glastec IG can be obtained from the combination of several types of glass. Using Low-E coatings, laminated glass, tints, reflective coatings, silk-screened patterns, and custom glass types customers can order a wide variety of insulating glass configurations that can satisfy a wide range of performance and design requirements. Glastec fabricates IG units to meet local regulations and energy codes, sound attenuation requirements, seismic requirements, impact resistance, bullet resistance, hurricane and blast resistance requirements. IG units are projected and fabricated to reduce heat loss and solar heat gain, with minimal reduction of visible light transmittance. >

up to : 236 ' ' by 126 ' '

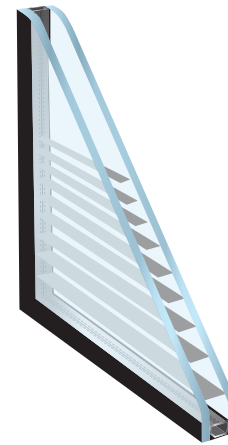
< Insulating Glass is available in several configurations and according to customer's requests.
Here are some samples of the most common configurations. >



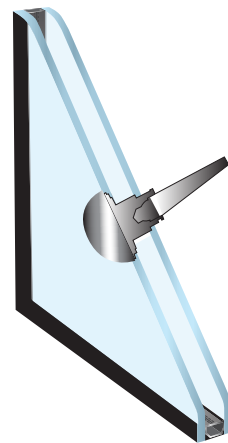
INSULATING



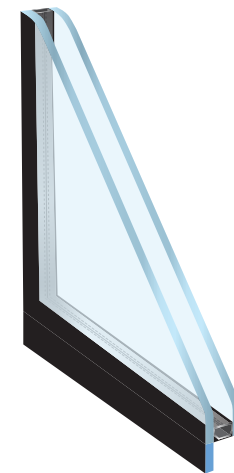
TRIPLE INSULATING



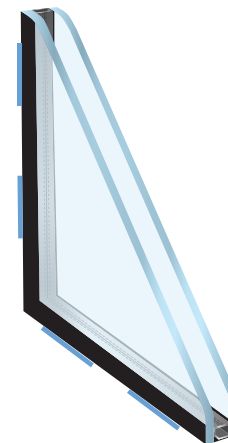
VENETIAN BLIND INTO AIR CHAMBER



INSULATING GLASS WITH SPIDER SYSTEM



OFFSET INSULATING GLASS



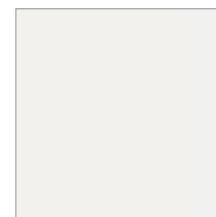
PLASTIC POCKET OR INOX STEEL SLUCIGER
SCHÜCO

< Roller coated glass is toughened or heat strengthened (tempered) glass. One side of the glass is coated with ceramic frit paint permanently fused by heating process.

The roller coating process can be applied to laminated, safety or monolithic glass. The ceramic frit coating can be applied to extra clear, clear float and tinted float glass in thicknesses from 5/32" to 3/4".

Customers can choose a total coverage coating, a partial coating or edge banding, in order to obtain a custom frame.

Ceramic frit coatings are applied to the glass by roller coating with thickness of 40 microns. There are several colors available. On the right column there are some of the most popular colors by Glastec. In addition to this, customers can ask for custom colors, using RAL Color Standard Chart. >



Polar White



Light Grey



Night Blue



Satin White



Silver Grey



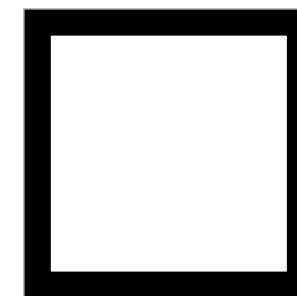
Black



Ivory White



Dark Grey



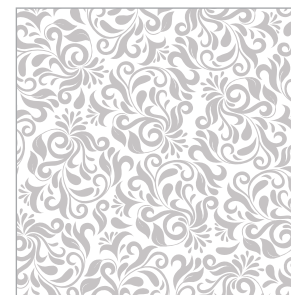
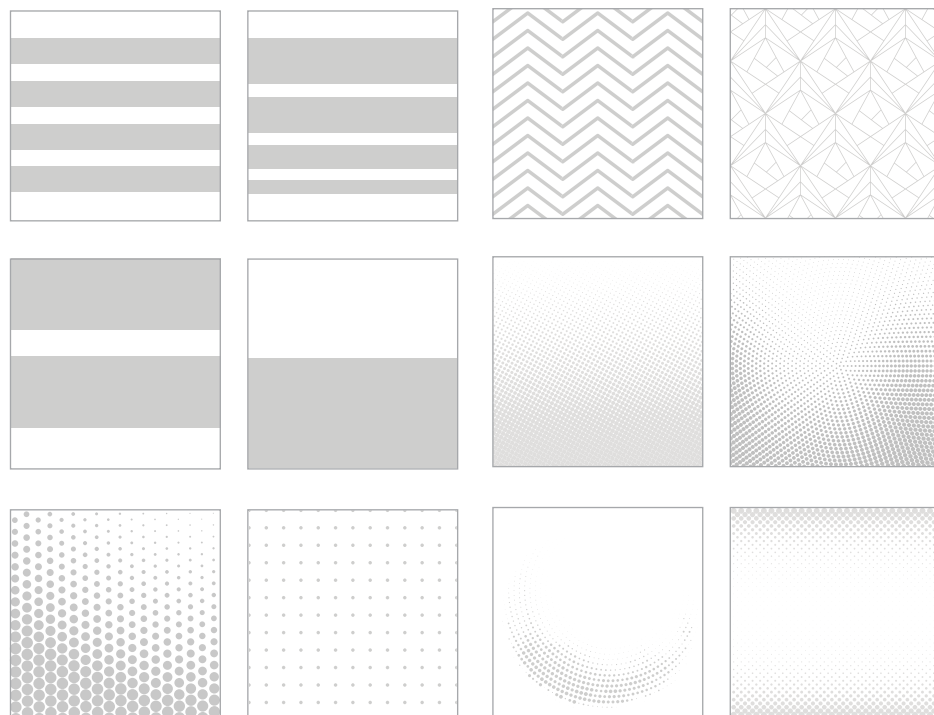
Custom Frame



Custom Color Frame

< Silk and Screen Printing Process on glass is an opportunity for designers to create a custom look for a building using glass components. Screen printed glass can be used as decorative elements and to improve solar control performances. They can be combined with clear or tinted glass substrates, to obtain high-performance coatings and to reduce glare and decrease solar transmission.

Once decorated by the screen printing machine, the panes are tempered. During the process, the ceramic paints will be permanently bonded to the glass. Here some Glastec exclusive silk-screen patterns. For each project customers can order samples or ask for customized images and frames. >



Custom Design



Custom Frame



up to : 236 ' ' by 126 ' '

SILK SCREEN ON GLASS

DIGITAL PRINTING ON GLASS



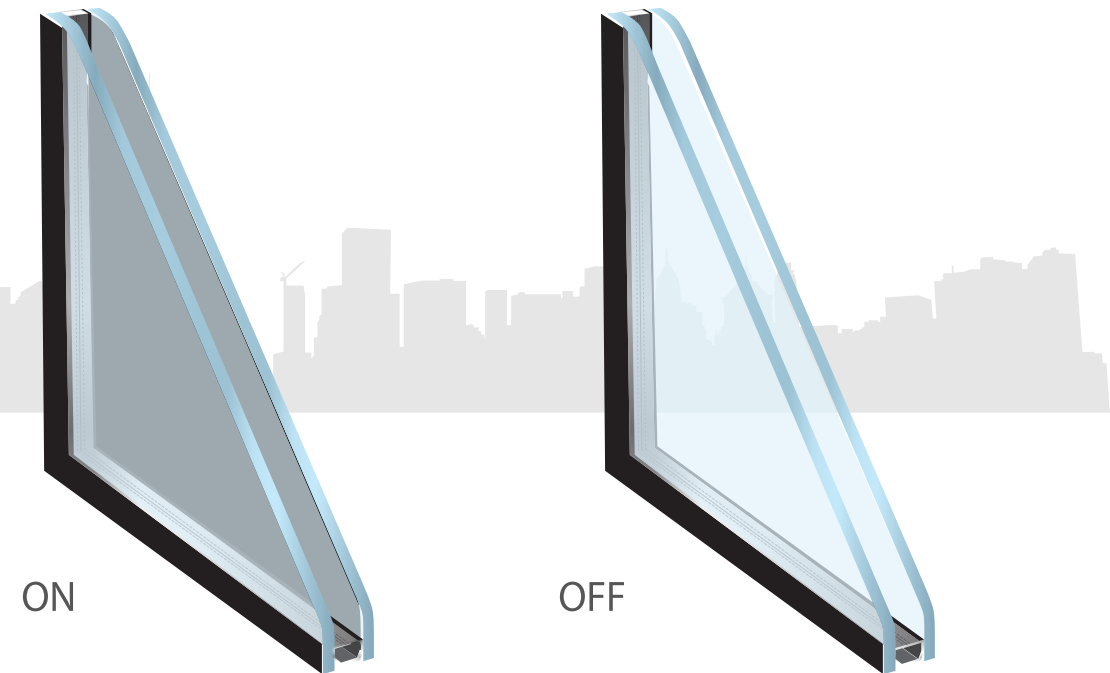
< Our DipTech digital printer with ceramic paints can print high resolution images, colors, patterns and fonts on tempered glazing with maximum sizes up to 126" x 236". The printer works by combining 6 colors, and is able to obtain vivid color, a very high resolution and a print quality never before seen on glass. The setting process of the ceramic paint is performed with heat treatment in the tempering furnace, to ensure the paint remains unaltered its aesthetic characteristics over the time.

Digital printing on glass is fast, very accurate and suitable to custom glass design and outdoor areas with resistant and original glazing. Digital printing opens up new frontiers using glass as a structural or decorative element. The printed glass with ceramic paints are the perfect solution to personalize the interior design of offices with branded designs and to make partition walls. >

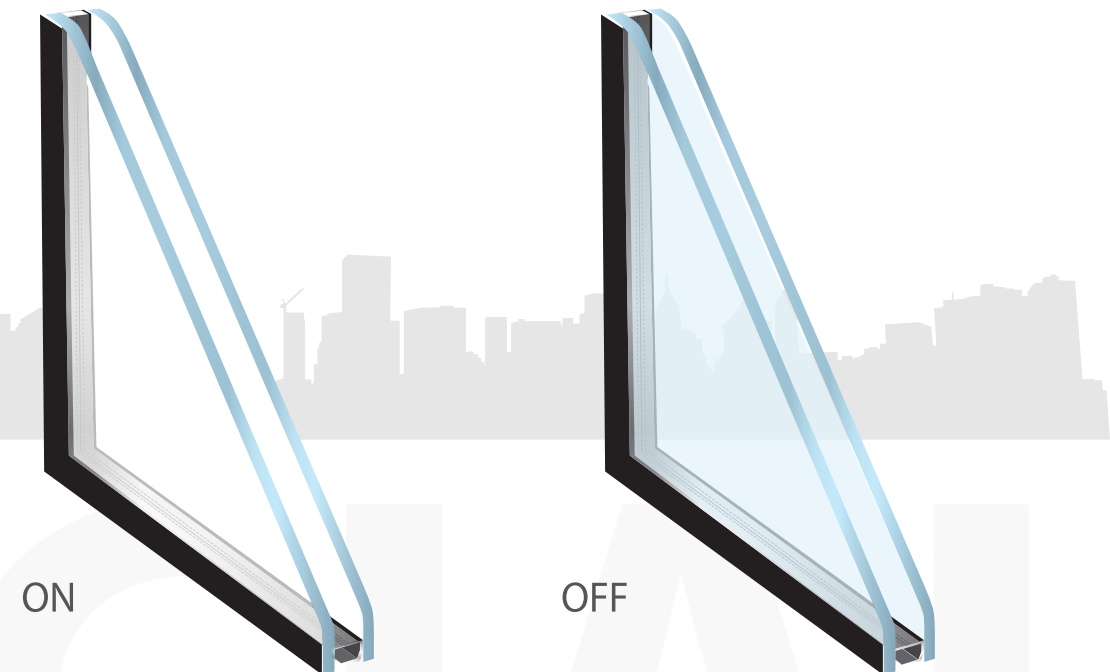
< Digital Printing Process on glass is an opportunity for designers to create a custom look for a building using glass components. Digital printed glass can be used as decorative elements and to improve solar control performances. They can be combined with clear or tinted glass substrates, to obtain high-performance coatings and to reduce glare and decrease solar transmission. Once printed, the panes are tempered. During the process, the ceramic paints will be permanently bonded to the glass. Special anti-slip paints are also available. Please ask for our exclusive Sample Box. >

up to : 236 ' ' by 126 ' '

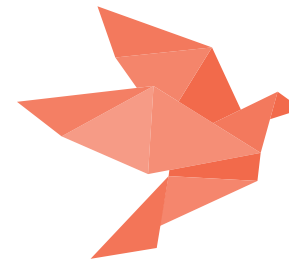
< NanoEC™ Dynamic Windows. Enjoy your environment without glare and extra heat. Don't cover the view with blinds, let the outside in. Save money by reducing energy consumption in thermal management. >



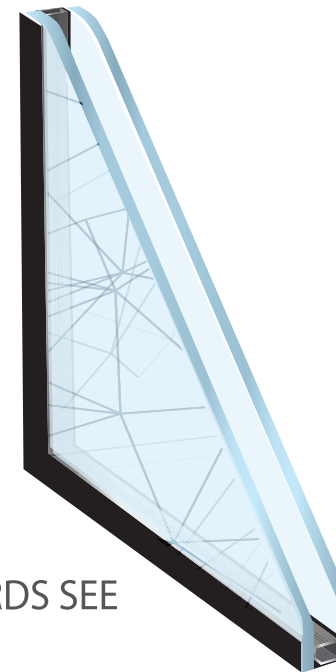
< Switchable LCD Privacy Glass are a technological and innovative option to obtain privacy with a click. The LCD glass are perfect for residential buildings, offices, hotels. >



< Bird Protection Glass are an innovative solution to protect up to a billion birds each year. The anti-collision film is not visible to human eyes and is effective to avoid crashes in case of flying birds. >

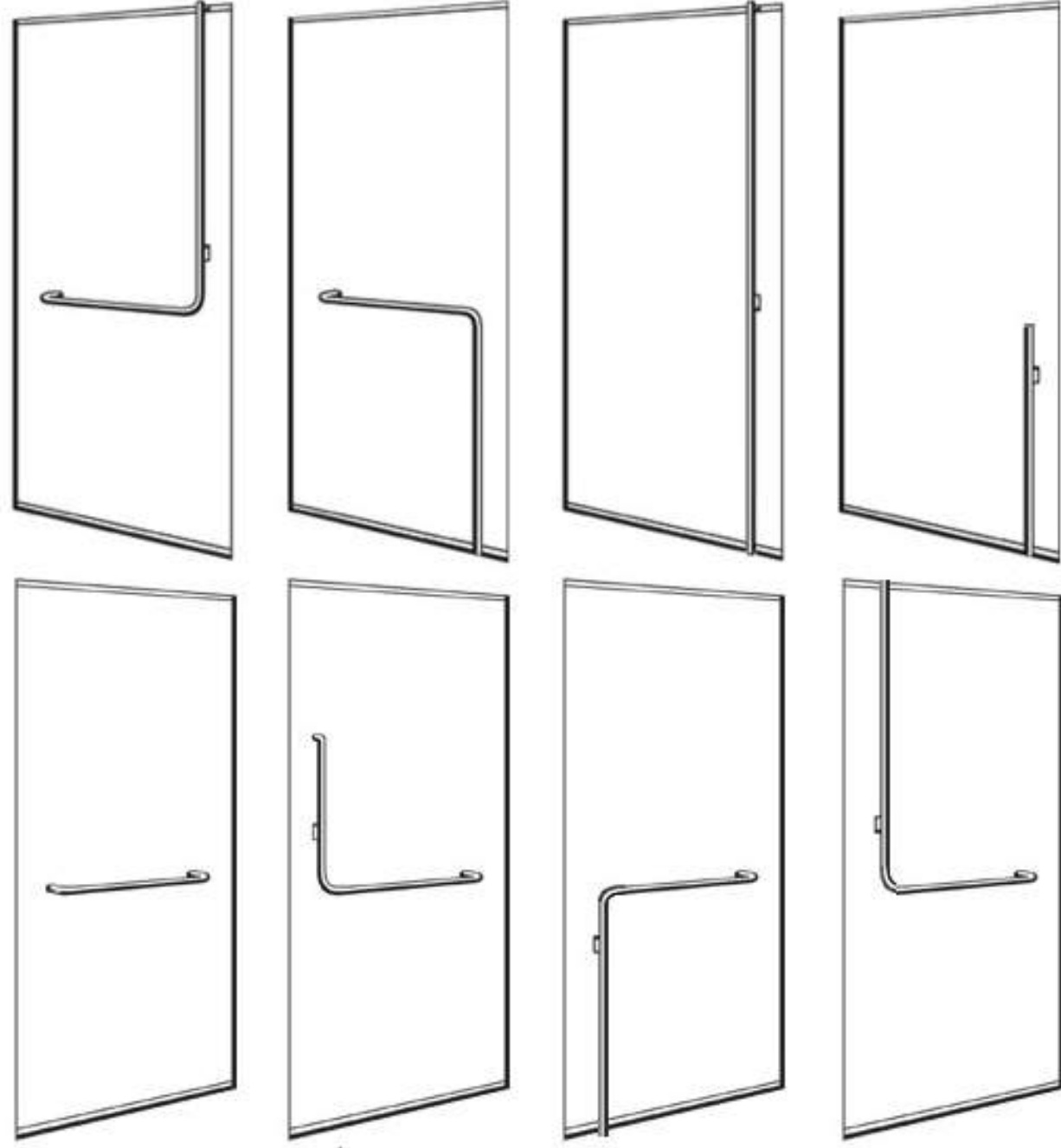


WHAT BIRDS SEE



WHAT HUMAN SEE





STOREFRONT
EXPERTS

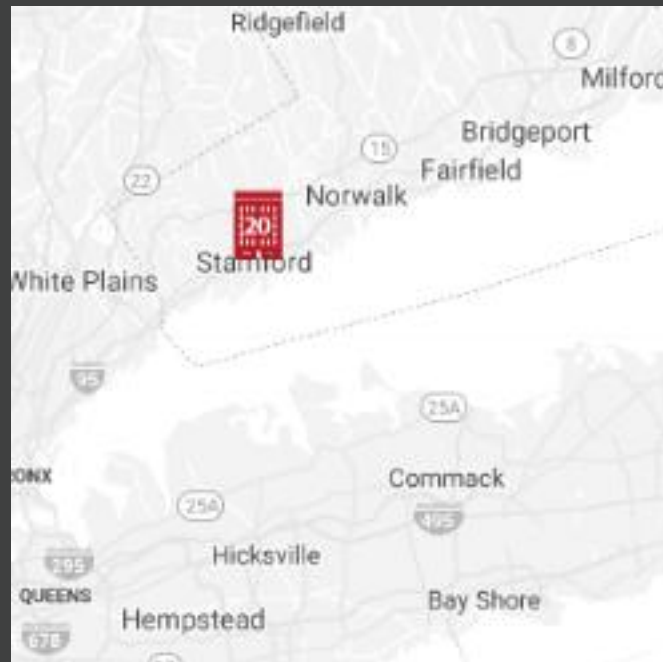
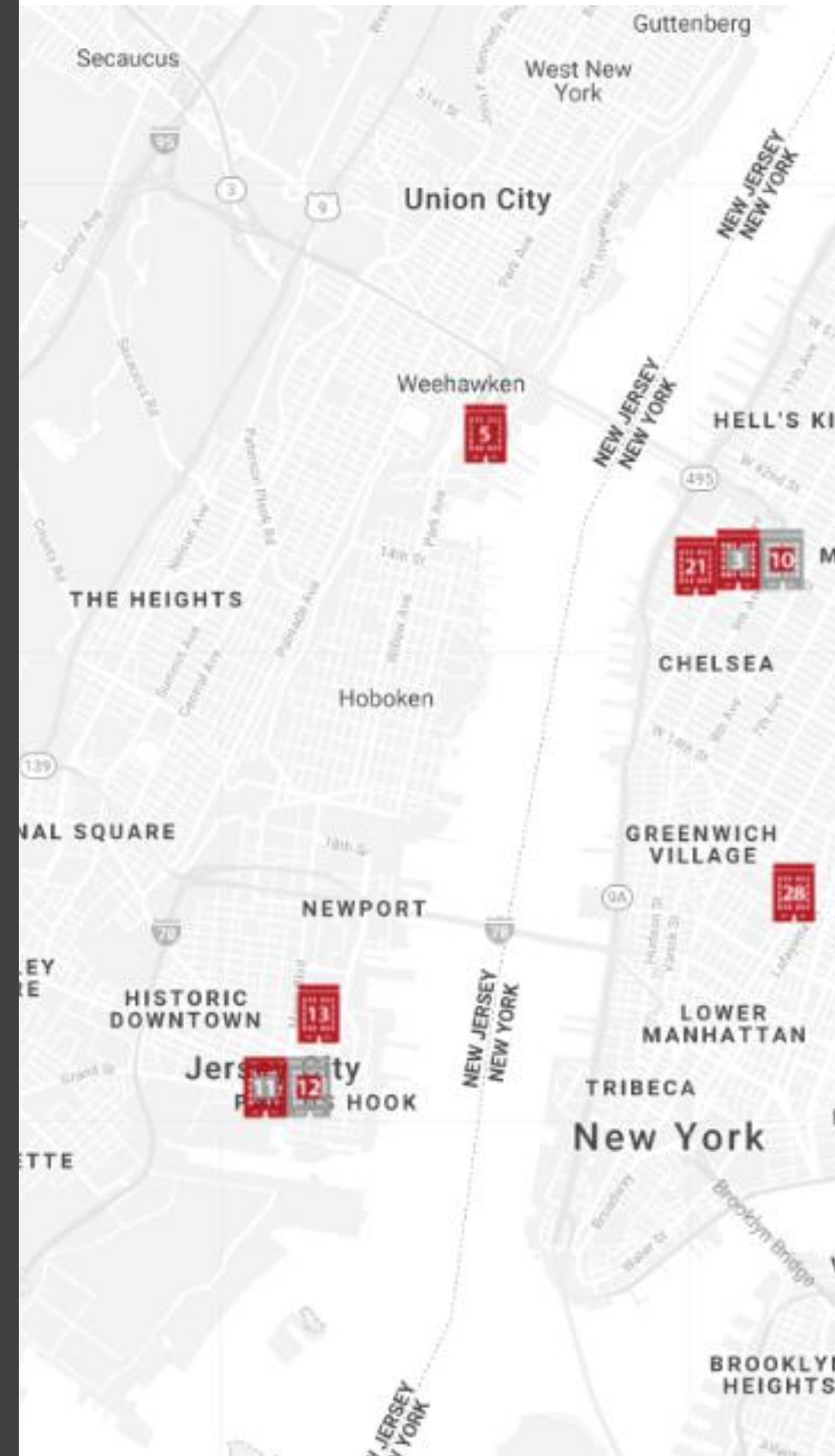
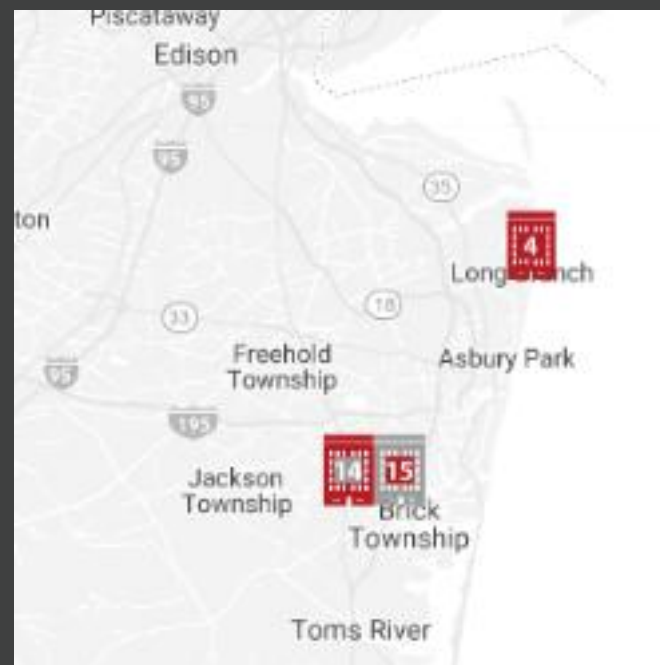


< The System >



< The Finishes >

< Know more about other available systems or please ask for more technical information. >





- 1 TRIANGLE
- 2 ESSEX CROSSING SITE 3
- 3 HAP8
- 4 SOUTH BEACH AT LONG BRANCH
- 5 800 LINCOLN HARBOR
- 6 EAST 14TH
- 7 1096 BROADWAY
- 8 139 EAST
- 9 287 EAST
- 10 411 NINTH AVENUE
- 11 VAN VORST 2
- 12 VAN VORST 1
- 13 THE LIVELY - 321 WARREN
- 14 CEDARBRIDGE PROFESSIONAL CENTER
- 15 CEDARBRIDGE MEDICAL CENTER
- 16 ELSIE ROOFTOP
- 17 GRAMERCY SQUARE GREENHOUSE
- 18 URBY HARRISON 5
- 19 URBY HARRISON 6
- 20 URBY STAMFORD
- 21 JARDIM - WEST CHEALSEA NYC
- 22 VERMELLA UNION
- 23 SPYSCAPE MUSEUM
- 24 BAHAMAS
- 25 160 EAST
- 26 112 SHAWMUT
- 27 180 E 88TH St
- 28 1 GREAT JONES ALLEY

TRIANGLE

112 Hunter Street, Long Island City, New York

28



TYPE OF GLASS:

Guardian Sunguard SN 70/41 HT

SQ FEET:

45,000.00

YEAR:

2019

CATEGORY:

Residential

ARCHITECT:

Slice Architects, LLP

lat. 40,748205
long. -73,942365





TYPE OF GLASS:

Guardian Sunguard SN 70/41 HT

SQ FEET:

80,000.00

YEAR:

2019 - 2020

CATEGORY:

Residential

ARCHITECT:

CetraRuddy Architecture

long. -73,987578
lat. 40,717358



ESSEX CROSSING SITE 3

202 Broome Street, New York

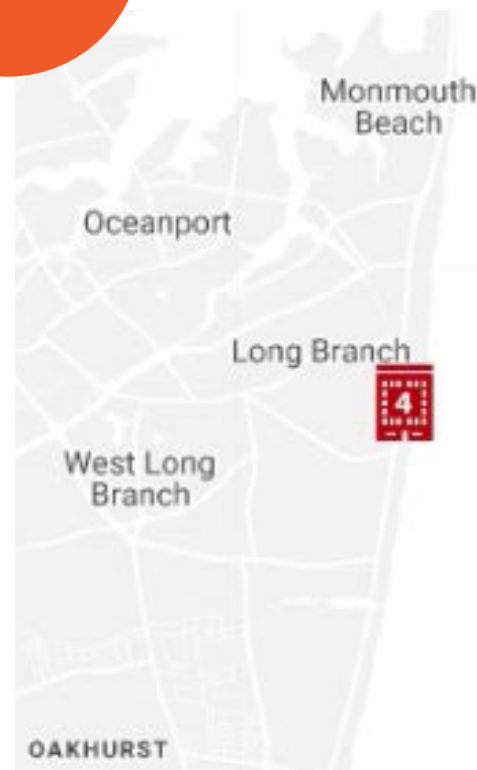
SOUTH BEACH

350 Ocean Ave, Long Branch, New Jersey

30



GLASTEC



TYPE OF GLASS:

Guardian Sunguard SN 51/28 HT

SQ FEET:

55,000.00

ARCHITECT:

Monteforte Architectural Studios

YEAR:

2018 - 2019

CATEGORY:

Residential

lat. 40,760594
long. -74,023035



TYPE OF GLASS:

Guardian Sunguard SN 51/28 HT

YEAR:

2019

ARCHITECT:

Marchetto Higgins Stieve Arch.

SQ FEET:

100,000.00

CATEGORY:

Residential



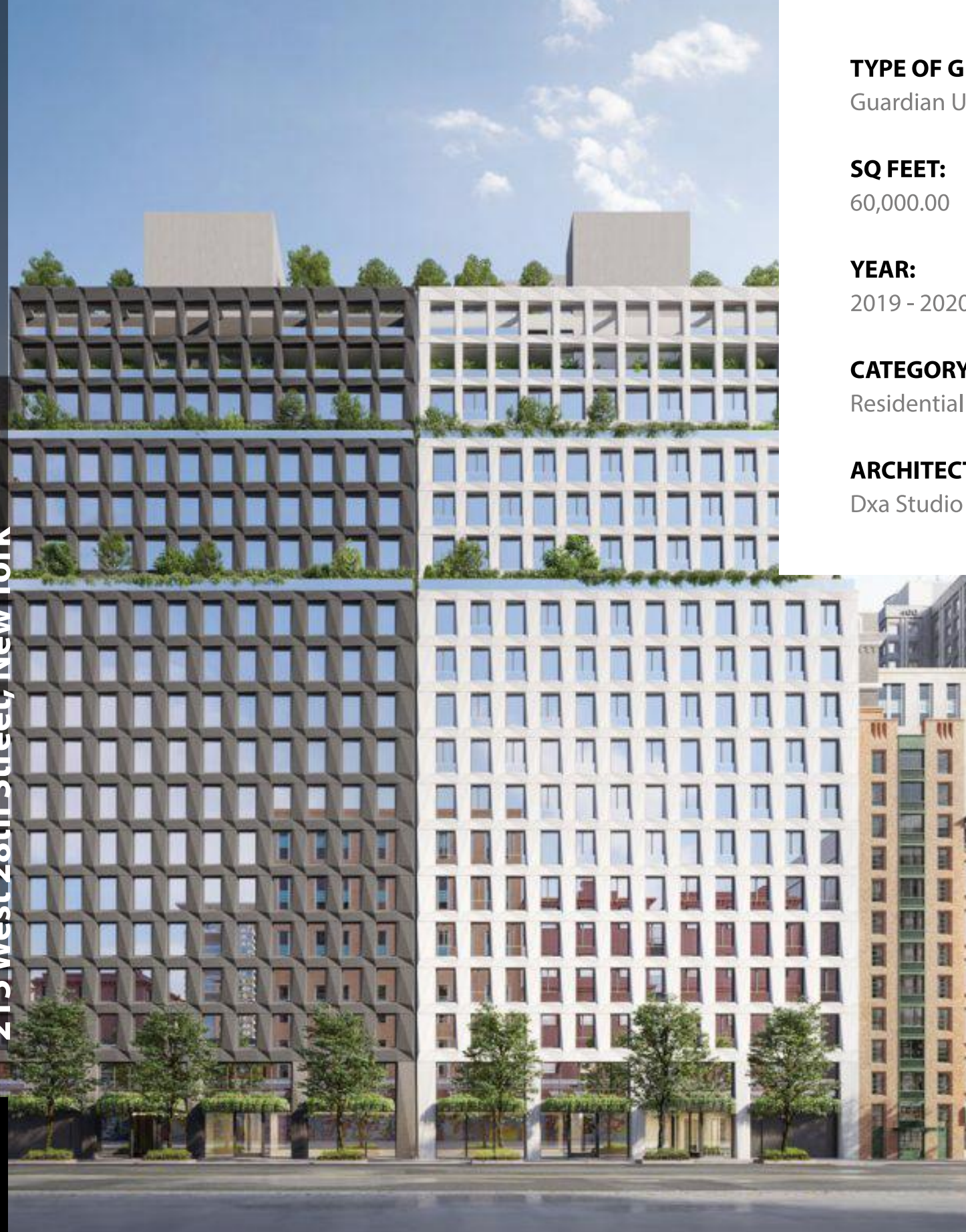
800 LINCOLN HARBOR

800 Lincoln Harbor, Weehawken, New Jersey

HAP8

215 West 28th Street, New York

32



TYPE OF GLASS:

Guardian Ultraclear Glass

SQ FEET:

60,000.00

YEAR:

2019 - 2020

CATEGORY:

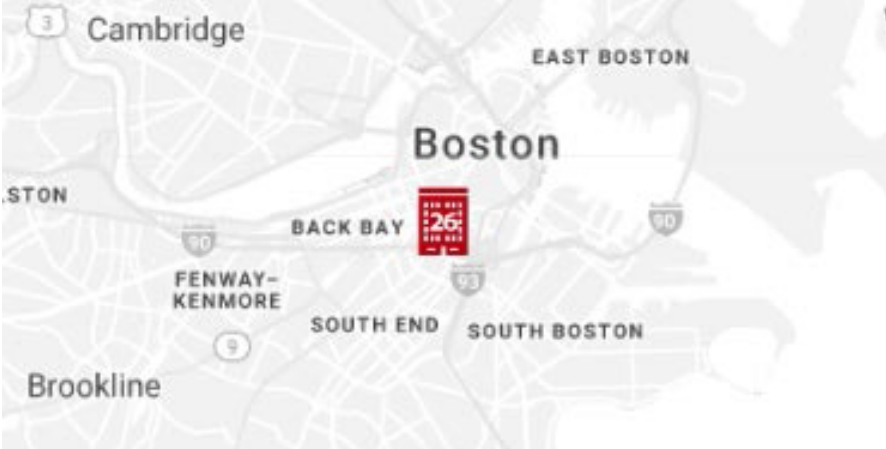
Residential

ARCHITECT:

Dxa Studio Architecture, PLLC

lat. 40,747697
long. -73,994091





TYPE OF GLASS:

Guardian Sunguard SN 70/35 HT

SQ FEET:

45,000.00

YEAR:

2019 - 2020

CATEGORY:

Residential

ARCHITECT:

TAT

lat. 42,346534
long. -71,065778



112 SHAWMUT

112 Shawmut Avenue, Boston, Massachusetts

TYPE OF GLASS:

Guardian Sunguard SN 70/37 HT

YEAR:

2018 - 2019

ARCHITECT:

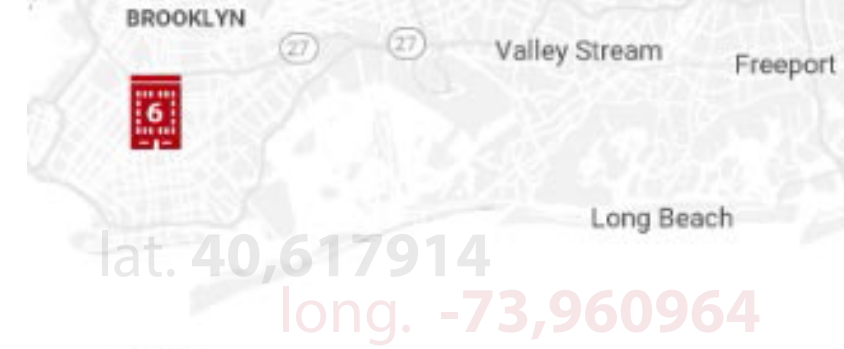
Woods Bagot

SQ FEET:

48,000.00

CATEGORY:

Apartment Building



EAST 14TH

East 14th St & Avenue M, Brooklyn, New York

34



**TYPE OF GLASS:**

Guardian Sunguar Ultraclear Neutral 60

SQ FEET:

9,000.00

YEAR:

2019 - 2020

CATEGORY:

Commercial

ARCHITECT:

Crown Architecture



THE BUCHANAN
160 East 48th Street, New York

VAN VORST 1

207 Van Vorst Street, Jersey City, New Jersey

36

GLASTEC

TYPE OF GLASS:

Guardian Sunguard Sun T

SQ FEET:

25,000.00

YEAR:

2017

CATEGORY:

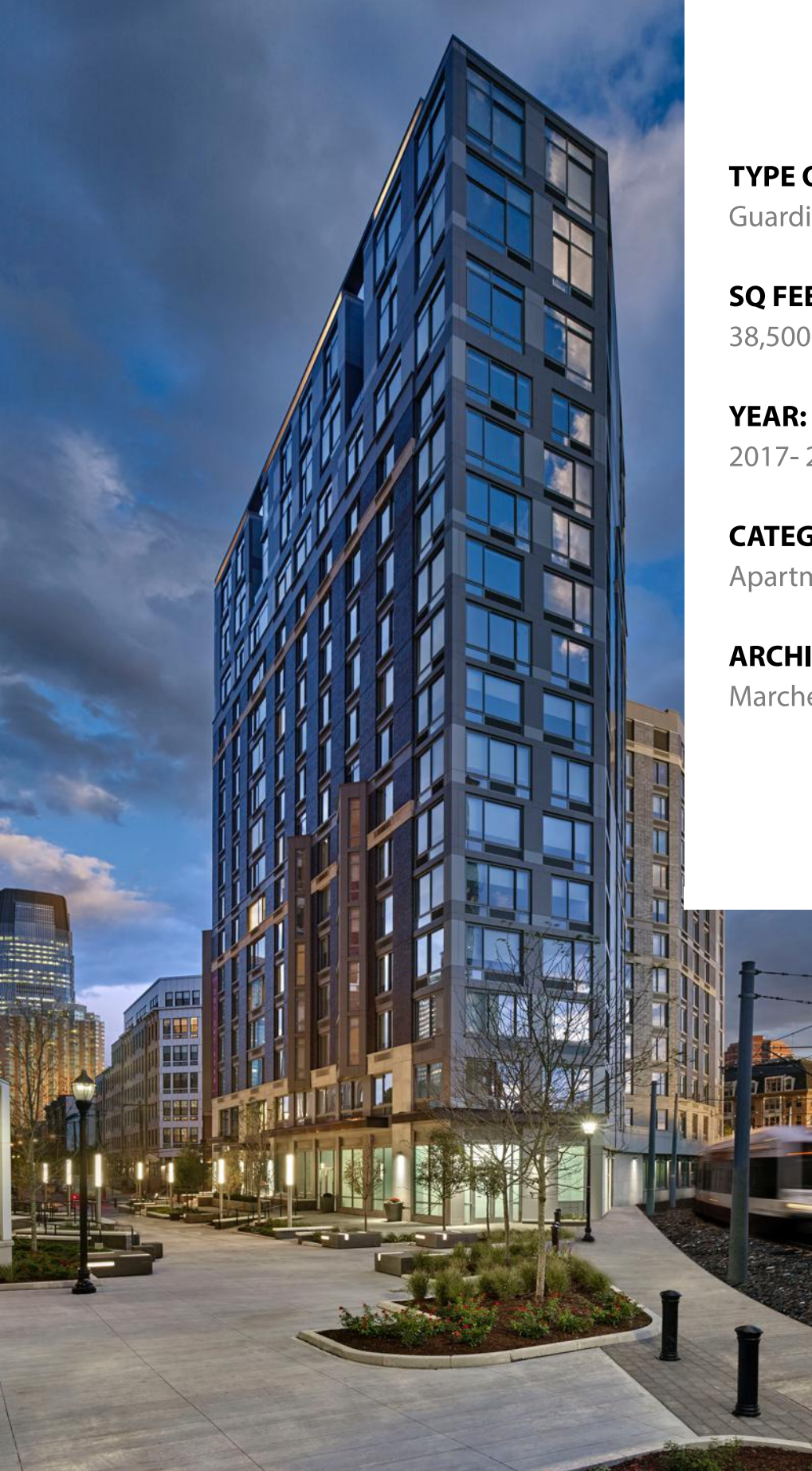
Apartment Building

ARCHITECT:

Marchetto Higgins Stieve Arch.

lat. 40,714084
long. -74,041533





TYPE OF GLASS:

Guardian Sunguard Sun

SQ FEET:

38,500.00

YEAR:

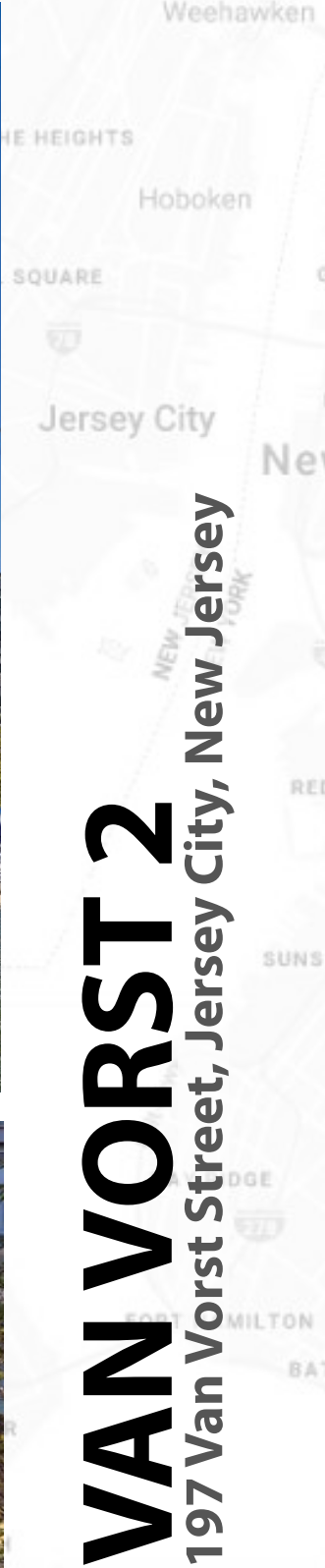
2017- 2018

CATEGORY:

Apartment Building

ARCHITECT:

Marchetto Higgins Stieve Arch.



VAN VORST 2

197 Van Vorst Street, Jersey City, New Jersey



TYPE OF GLASS:

Guardian Sunguard SN 70s

SQ FEET:

58,000.00

YEAR:

2019 - 2020

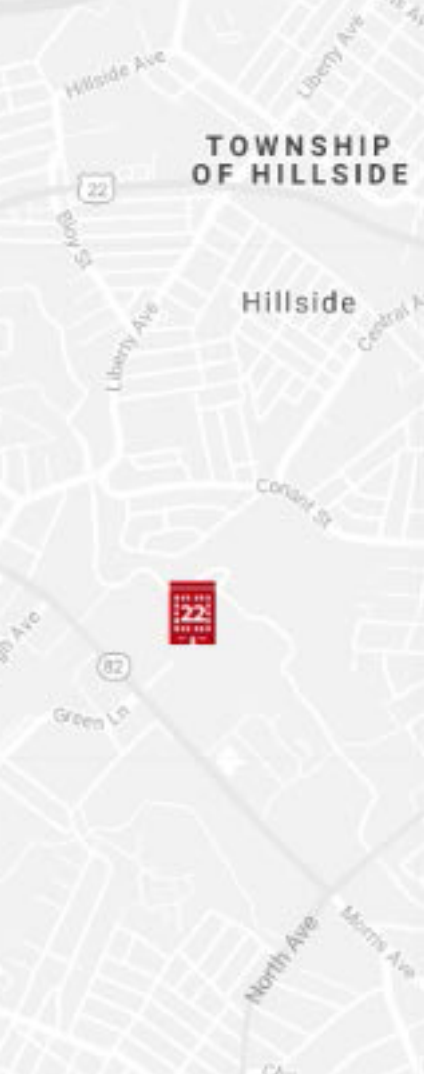
CATEGORY:

Apartment Building

ARCHITECT:

Fogarty Finger Architecture





TYPE OF GLASS:

Guardian Sunguard Sun

SQ FEET:

65,000.00

YEAR:

2019 - 2020

CATEGORY:

Apartment Building

ARCHITECT:

Russo Development

lat. 40,684277
long. -74,233326



GLASTEC



VERMELLA
1011 Morris Avenue, Union, New Jersey

URBY STAMFORD

1 Greyrock Pl, Stamford, Connecticut

40



TYPE OF GLASS:

Guardian eXtra Selective SNX 60

YEAR:

2019

ARCHITECT:

Minno Wasko Architects

SQ FEET:

50,000.00

CATEGORY:

Apartment Building





TYPE OF GLASS:

Guardian eXtra Selective SNX 60

YEAR:

2017

ARCHITECT:

Minno Wasko Architects

SQ FEET:

54,800.00

CATEGORY:

Apartment Building



URBY HARRISON 5

777 S 3rd Street, Harrison, New Jersey

URBY HARRISON 6

777 S 3rd Street, Harrison, New Jersey

42



TYPE OF GLASS:

Guardian eXtra Selective SNX 60

SQ FEET:

39,000.00

YEAR:

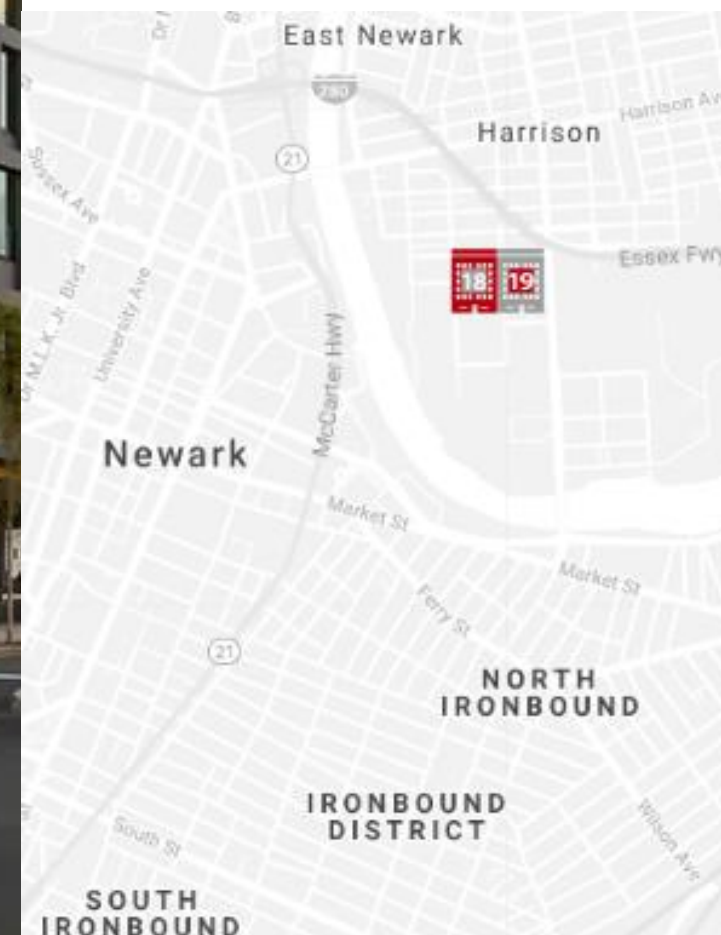
2018

CATEGORY:

Apartment Building

ARCHITECT:

Minno Wasko Architects



TYPE OF GLASS:

Guardian Sunguar Low-E

SQ FEET:

10,000.00

YEAR:

2019

CATEGORY:

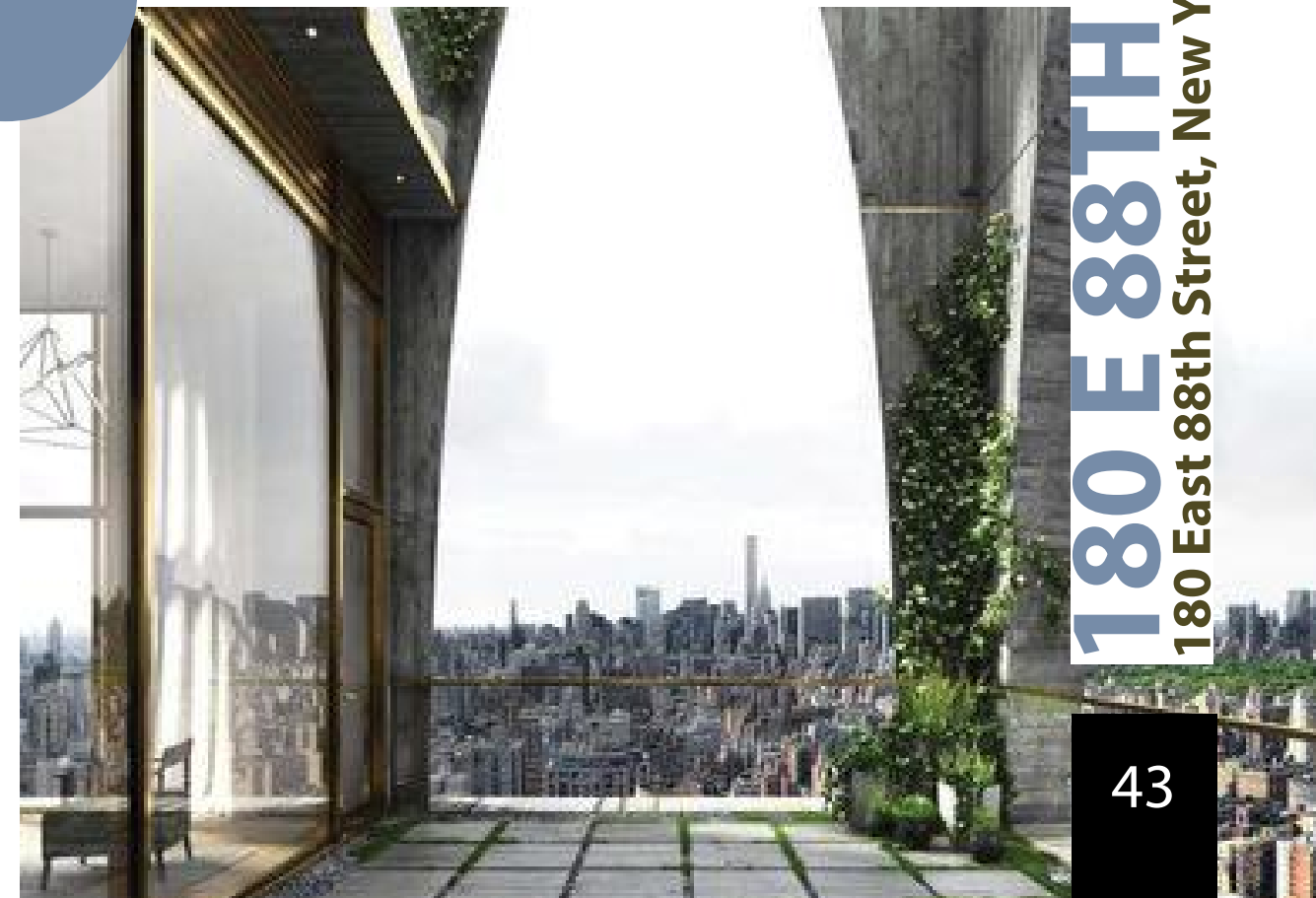
Residential Building

ARCHITECT:

HTO Architect

lat. 40,780182
long. -73,953651

GLASTEC



180 E 88TH STREET

180 East 88th Street, New York

1 GREAT JONES ALLEY

688 Broadway, NoHo, New York

44

TYPE OF GLASS:

Guardian Sunguar Ultraclear SN 70/35 HT

SQ FEET:

12,000.00

YEAR:

2019

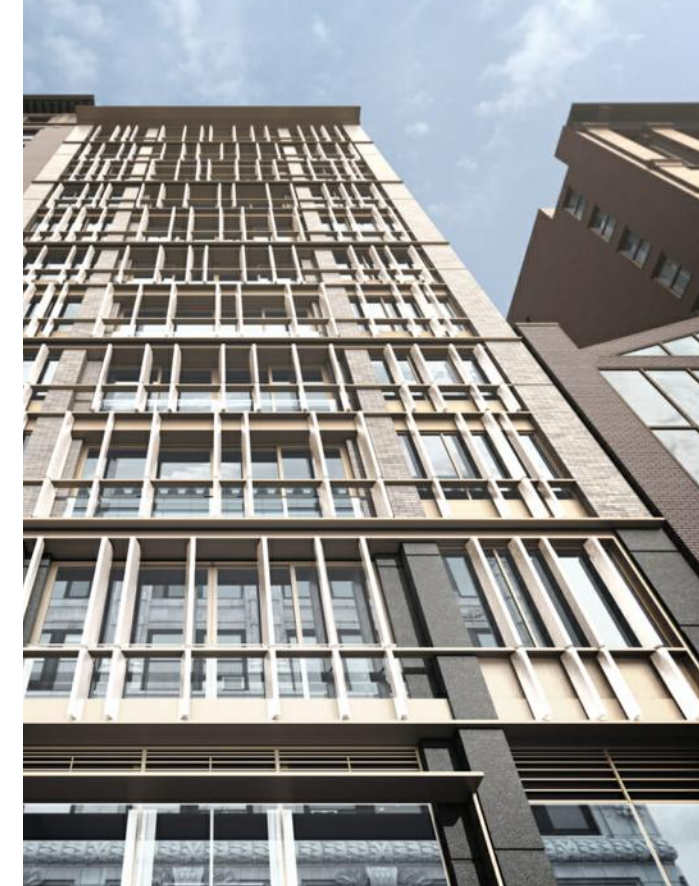
CATEGORY:

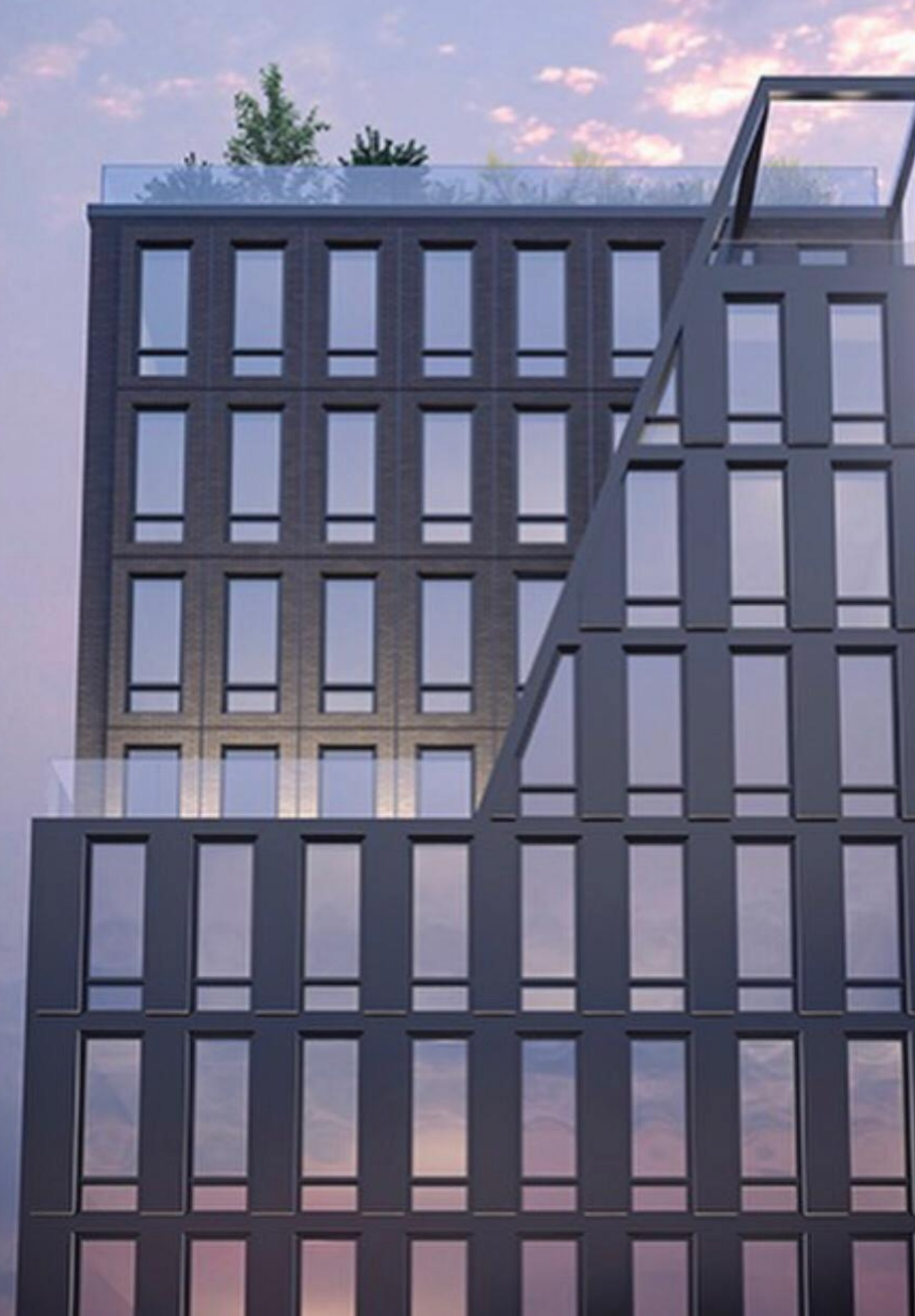
Residential

ARCHITECT:

BKSK

lat. 40,727986
long. -73,994068





TYPE OF GLASS:

Guardian Sunguard SN 70/35 HT

SQ FEET:

11,500.00

YEAR:

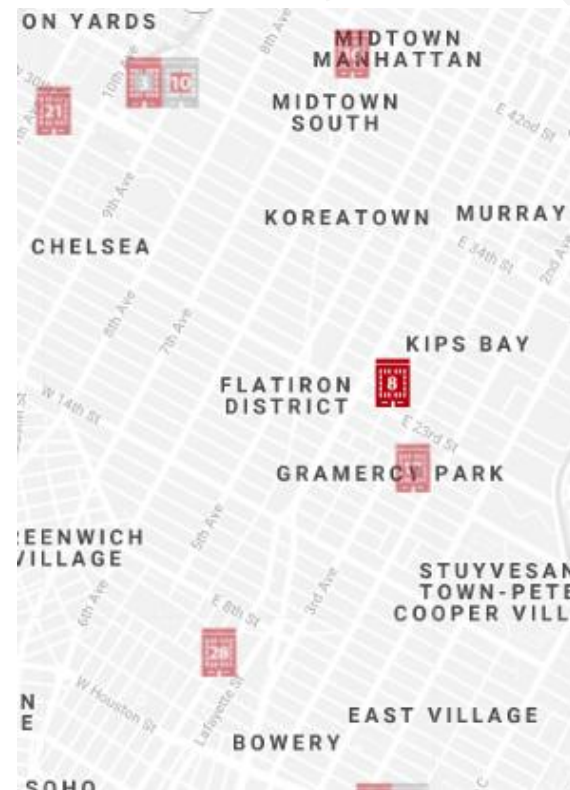
2018

CATEGORY:

Residential Building

ARCHITECT:

AA Studio



287 EAST

287 East Houston Street, New York

139 EAST

139 East 23rd Street, New York

40

TYPE OF GLASS:

Guardian Sunguard SN 70/41 HT

SQ FEET:

9,500.00

YEAR:

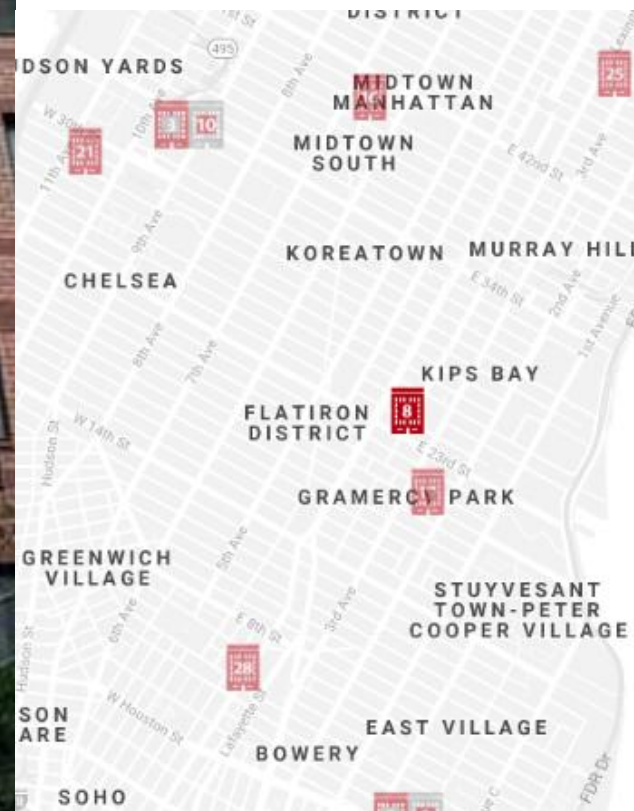
2018 - 2019

CATEGORY:

Residential

ARCHITECT:

HTO Architect



TYPE OF GLASS:

Guardian eXtra Selective Ultraclear

SQ FEET:

9,500.00

YEAR:

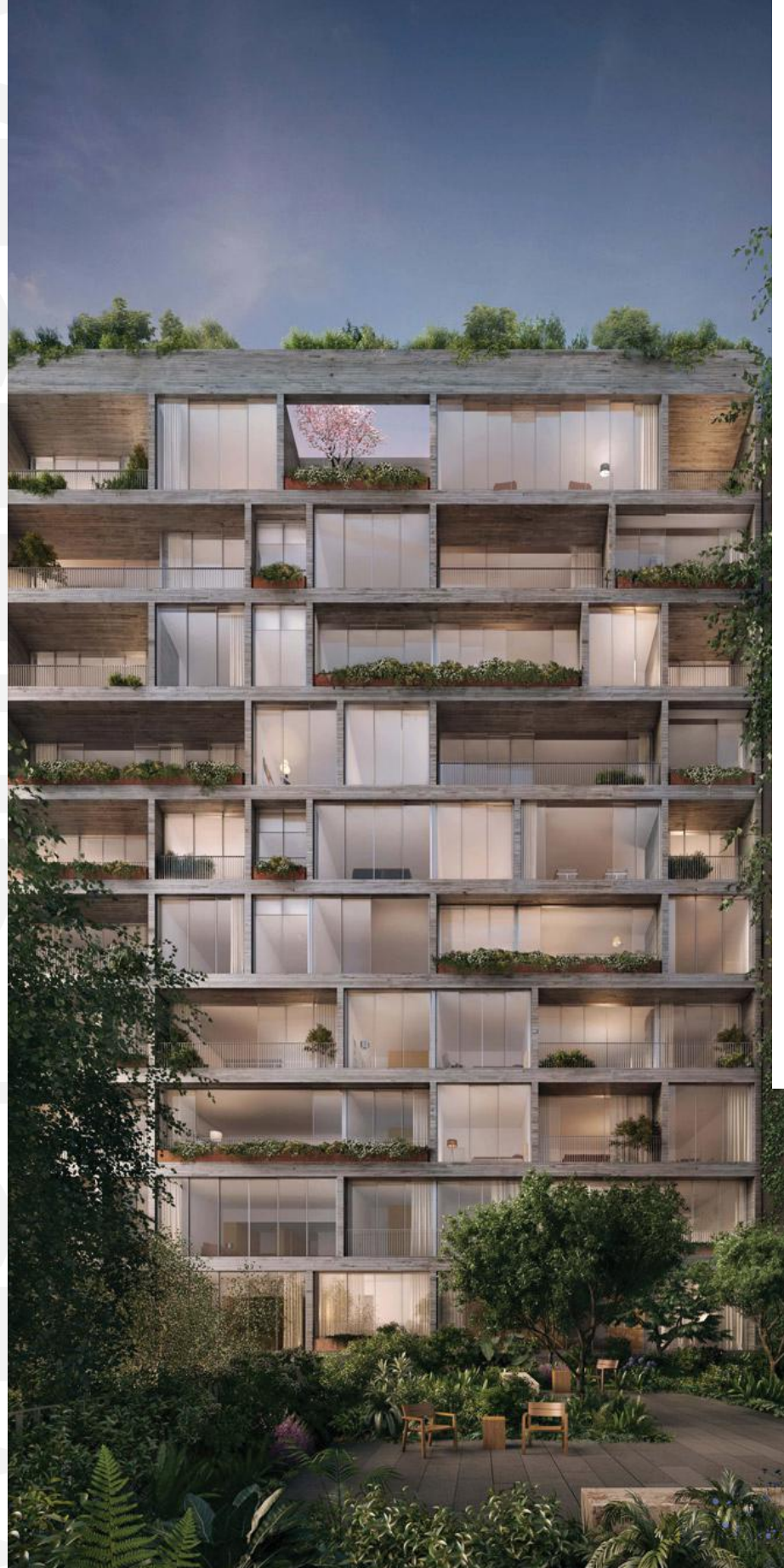
2019

CATEGORY:

Apartment Building

ARCHITECT:

Isay Weinfeld



JARDIM - WEST CHELSEA

527 West 27 Street, New York

PROFESSIONAL CENTER

Cedar Bridge Ave, Lakewood, New Jersey

48



TYPE OF GLASS:

Saint Gobain Parsol Ultra Grey

YEAR:

2019 - 2020

ARCHITECT:

BF Design Associates LLC

SQ FEET:

10,00.00

CATEGORY:

Office Building





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TYPE OF GLASS:

Guardian Sunguard SN 70/37 HT

SQ FEET:

9,800.00

YEAR:

2019 - 2020

CATEGORY:

Professional Building

ARCHITECT:

Perez + Radosti Associates
Architecture

MEDICAL CENTER
Cedar Bridge Ave, Lakewood, New Jersey

TETRIS LUXURY RESORT

Albany, The Bahamas



TYPE OF GLASS:
Guardian Sunguard SN 40/23

YEAR:
2019

ARCHITECT:
OOAK Architects

SQ FEET:
12,500.00

CATEGORY:
Residential Building





TYPE OF GLASS:

Guardian Sunguard SN 40/23

SQ FEET:

27,800.00

YEAR:

2019

CATEGORY:

Residential Building

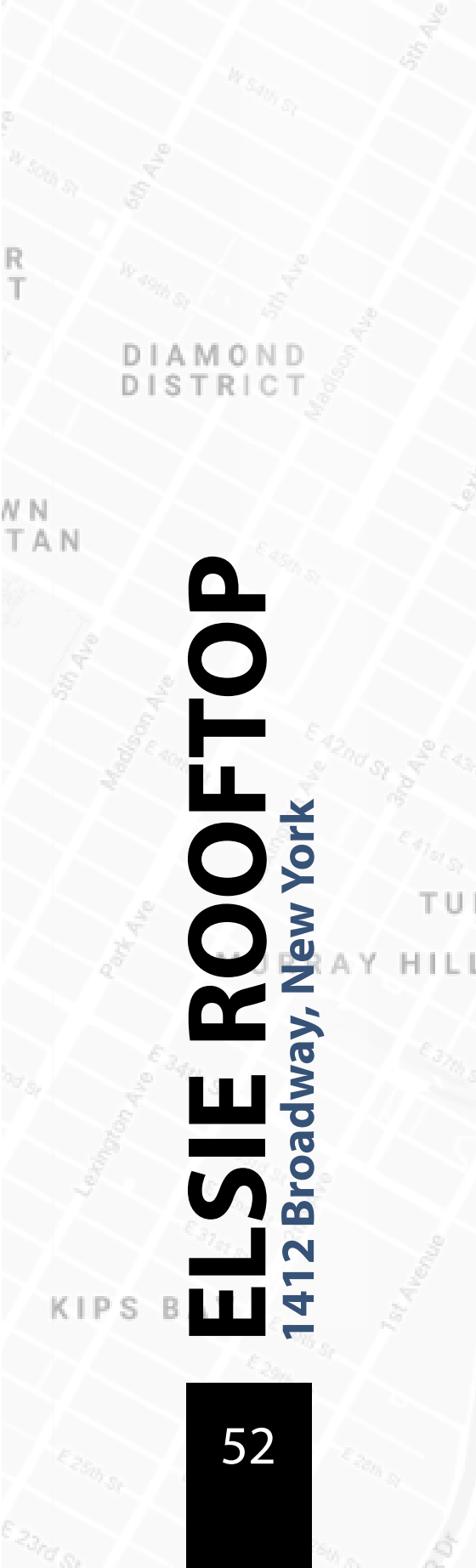
ARCHITECT:

Squire and Partners

GLASTEC

SQUIRE LUXURY RESORT

Albany, The Bahamas



DIAMOND DISTRICT

ELSIE ROOFTOP

1412 Broadway, New York



TYPE OF GLASS:

Guardian Sunguard SN 70s

YEAR:

2017

ARCHITECT:

Designer Delphine Mauroit of
DM Design & Architecture

SQ FEET:

2,500.00

CATEGORY:

Commercial





TYPE OF GLASS:

Saint Gobain Selective 4s

YEAR:

2018

ARCHITECT:

HTO Architect

SQ FEET:

9,000.00

CATEGORY:

Apartment Building

401 NINTH AVENUE

401 West 33rd Street, New York

< **AVERSA TRAIN STATION** :: ITALY :: ARCHITECT ZAHA HADID :: YEAR 2017 >

< **ENEL PAVILION EXPO MILAN 2015** :: ITALY :: YEAR 2015 >

< **HUNGARY PAVILION EXPO MILAN 2015** :: ITALY :: YEAR 2015 >

< **IBM HEADQUARTER ROME** :: ITALY :: YEAR 2018 >

< **FOGGIA GENERAL HOSPITAL** :: ITALY :: YEAR 2018 >

< **POLICE HEADQUARTER PALERMO** :: ITALY :: YEAR 2015 >



< **KOMBETARE ARENA STADIUM** :: TIRAN :: ALBANIA :: ARCHITECT MARCO CASAMONTI :: YEAR 2019 >

< **UNIPOL SAI BUILDING MILAN** :: ITALY :: YEAR 2019 >

< **VIMAR HEADQUARTER MAROSTICA** :: ITALY :: YEAR 2019 >

< **LUXURY RESIDENTIAL BUILDING DUBAI** :: UAE :: YEAR 2018 >

< **LUXURY RESIDENTIAL BUILDINGS** :: MALTA :: YEAR 2016 - 2019 >

< **ITALIAN HIGHWAYS SOUNDPROOF BARRIER** :: ITALY :: YEAR 2016 - 2018 >

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