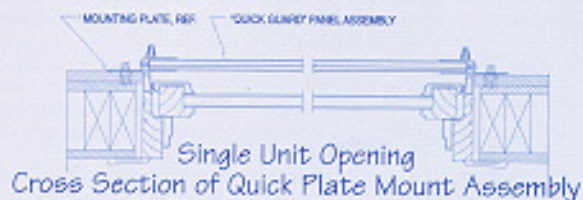
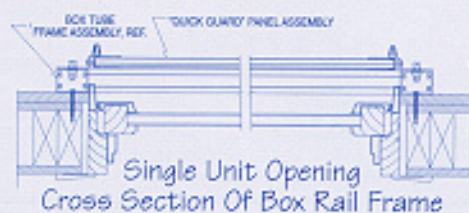
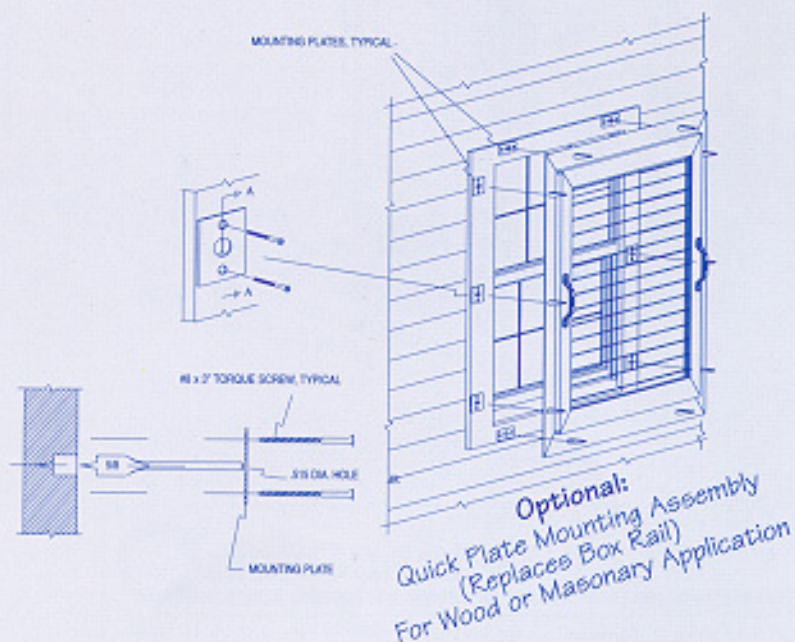
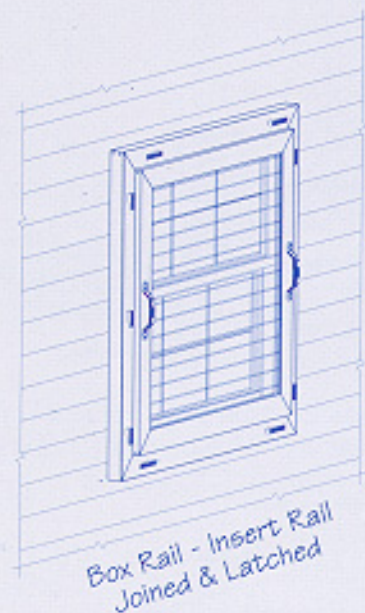
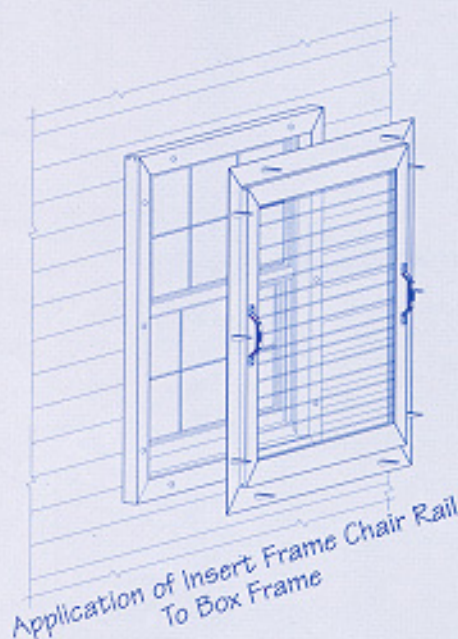
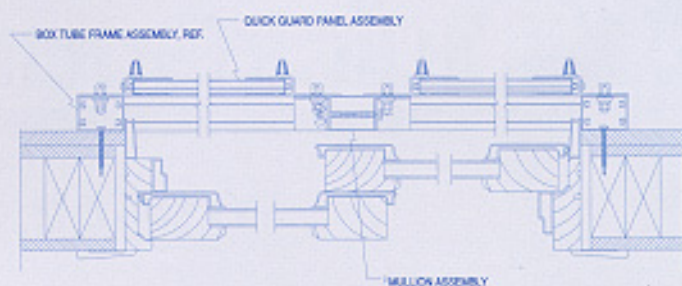
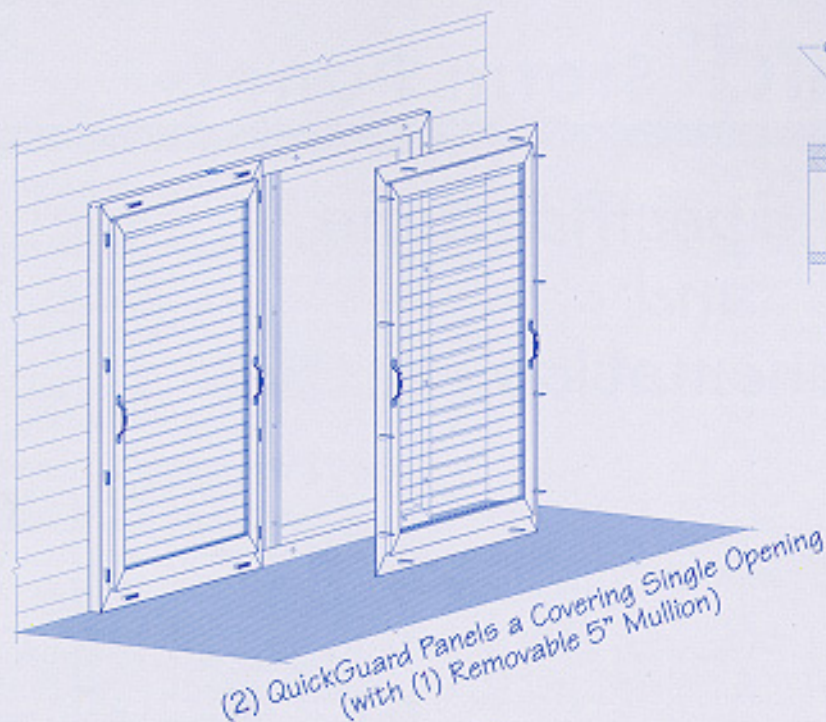


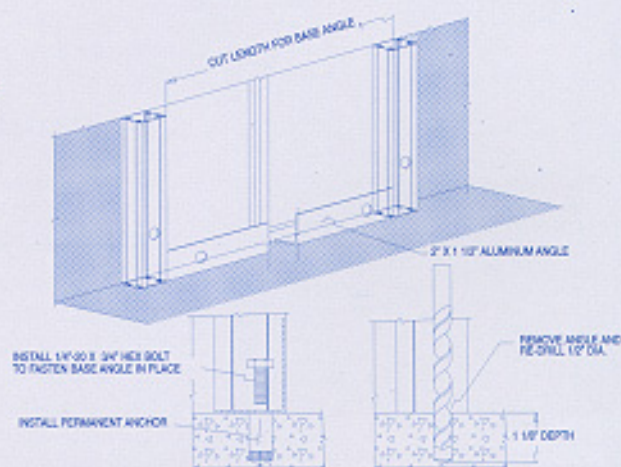
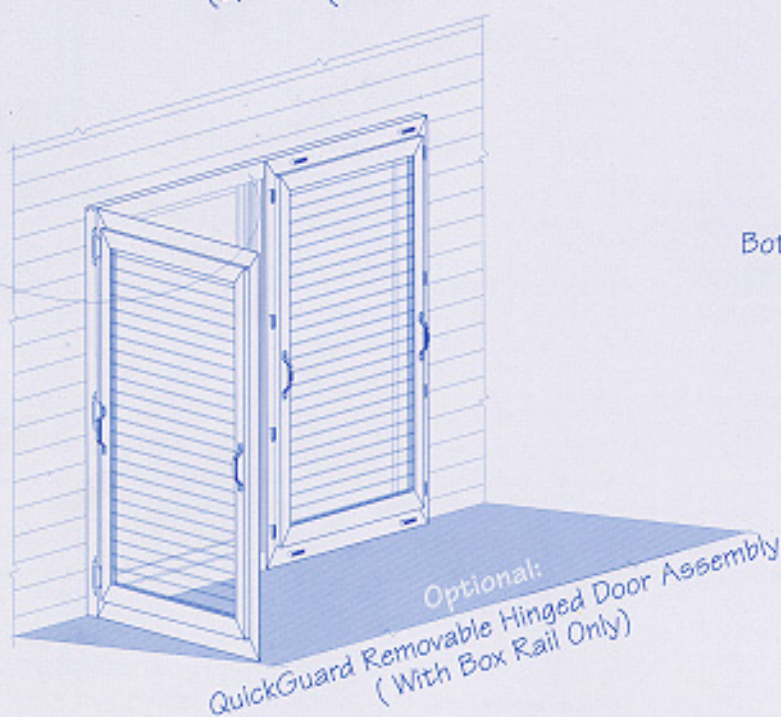
QuickGuard® Storm Panels

Written Specifications and Schematics

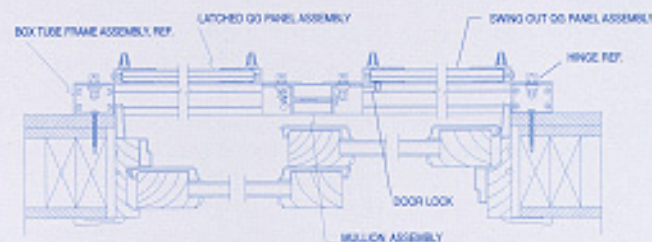




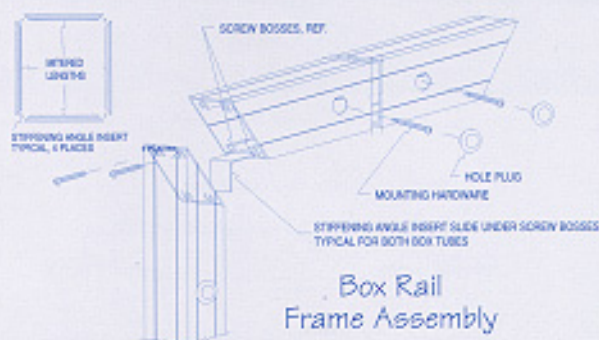
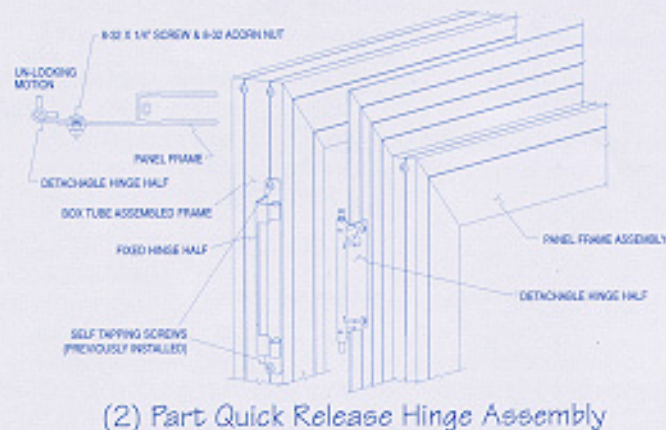
Cross Section (2) QuickGuard Panels Covering a Single Opening (with (1) Removable 5" Mullion)

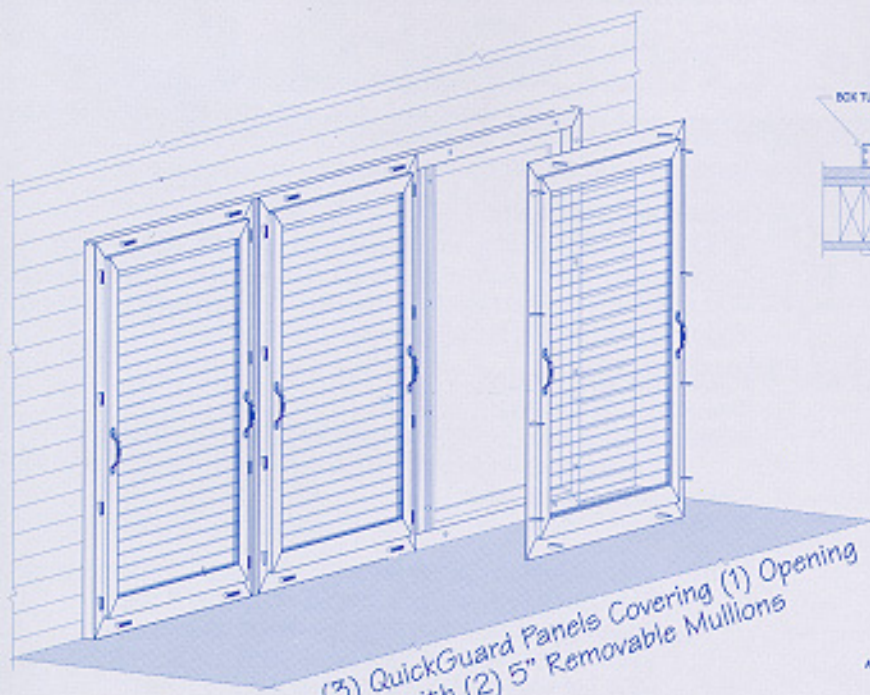


Bottom Removable 1 1/2" x 2" Angle-Masonry Application

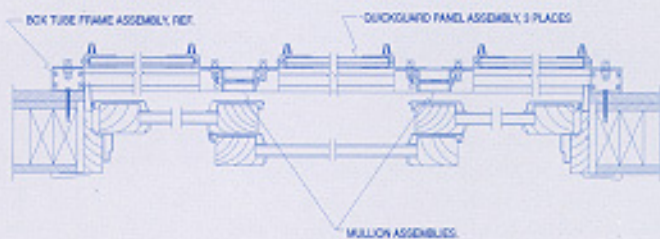


Cross Section of (1) Hinged Panel
(with (1) Removable 5" Mullion and (1) QuickGuard Panel)

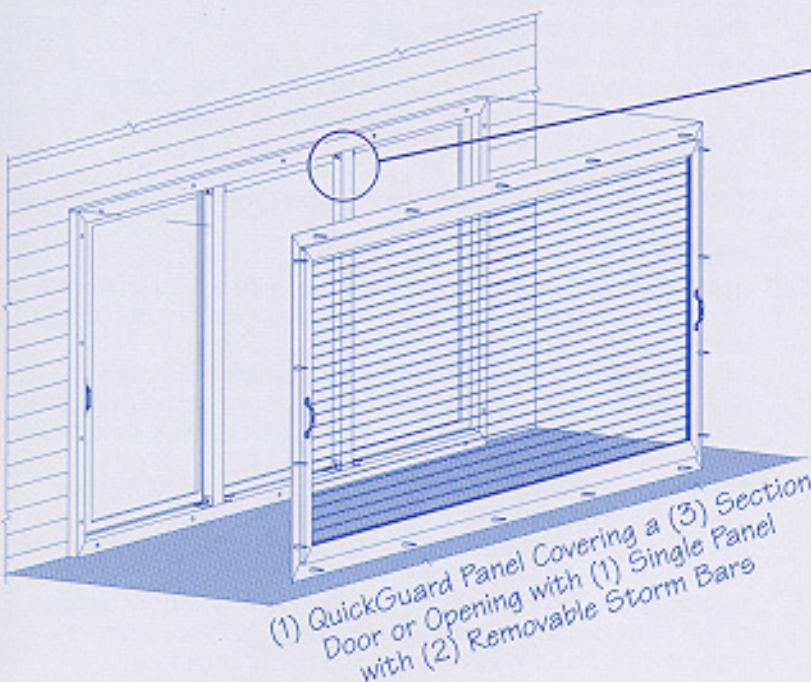




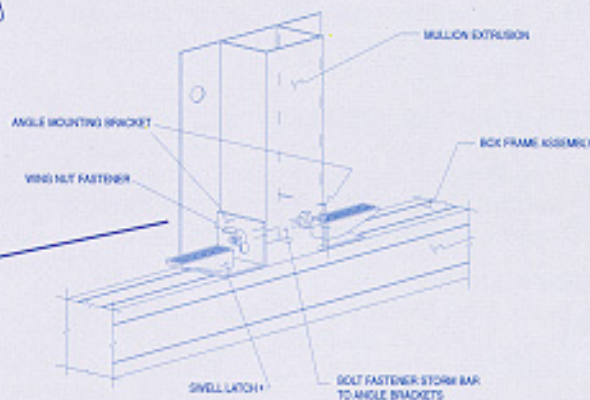
(3) QuickGuard Panels Covering (1) Opening with (2) 5" Removable Mullions



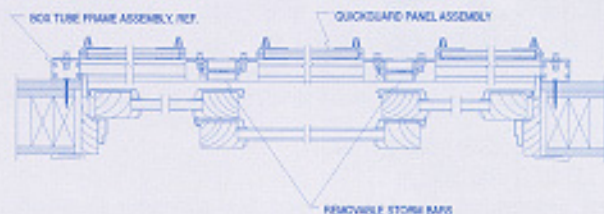
Cross Section of (3) Panels with (2) 5" with Removable Mullion



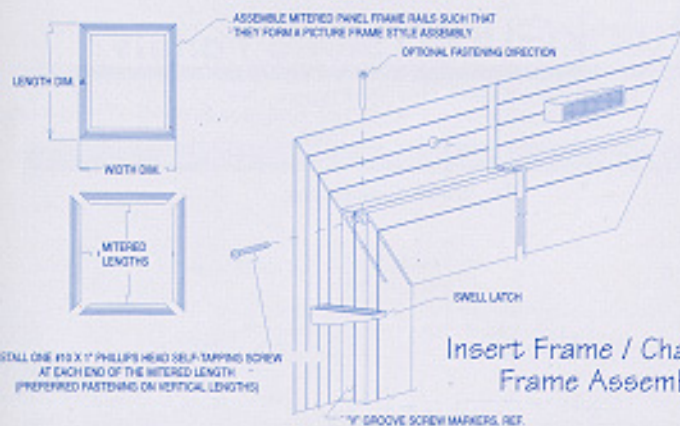
(1) QuickGuard Panel Covering a (3) Section Door or Opening with (1) Single Panel with (2) Removable Storm Bars



Removable Storm Bar Assembly (Same Application Top and/or Bottom)



Cross Section of Single Panel with (2) Removable Storm Bars



Insert Frame / Chair Rail Frame Assembly

INSTALL ONE #10 X 1/2" PHILLIPS HEAD SELF-TAPPING SCREW AT EACH END OF THE MITERED LENGTH (PREFERRED FASTENING ON VERTICAL LENGTHS)

1/2" GROOVE SCREW MARKERS, REF.

Patent Pending

QuickGuard® Storm Panels

SCALE: N/A DESIGNED BY: M.R. BRAUN DRAWN: D. ALMER

DATE: 9-97 REVISED: 10-97

DESCRIPTION: Drawings of QuickGuard Storm Panel System

A Complete Set of Mechanical Drawings Detailing Assembly and Installation are Available Upon Request.

DRAWING NUMBER:
QG 1-19 55INST.

SPECIFICATIONS

FRAME-BOX RAIL

Size: 2" X 1 1/2"

Material: Extruded aluminum alloy 6063T5,
Four (4) internal screw bosses
Painted white acrylic enamel (all surfaces)
V grooved at all drilling and mounting points.

INSERT FRAME-CHAIR RAIL

Size: 4" X 3/4" X 2"

Material: Extruded aluminum alloy 6063T5,
One (1) internal screw boss
Double fish hook grooves to hold polycarbonate panel.
Painted white acrylic enamel (all surfaces)
V grooved at all drilling and mounting points,
(aligns with box rail)

REMOVABLE JOINING MULLION (OPTION)

Size: 5" X 2" X 1 1/2"

Material: Extruded aluminum alloy 6063T5
Painted white acrylic enamel (all surfaces)
V grooved at all drilling and mounting points
(aligns with Chair Rail)

REMOVABLE STORM BAR (OPTION)

Size: 2" X 1 1/2"

Material: Extruded aluminum alloy 6063T5
Painted white acrylic enamel, (all surfaces)
Same extrusion as Box Rail

SNAP LATCH-STANDARD

Material: Black glass filled nylon-handle, washer,
acorn nut, and Tee shaft,
Black SBR rubber bushing.

SNAP LATCH-HEAVY DUTY (OPTION)

Material: Black glass filled nylon-handle, washer and acorn nut
Black organic coated brass shaft
Stainless steel 303 pin sealed with black oxide coating
Black SBR rubber bushing
Black Acetal washer

PANEL LATCH-SECURITY (OPTION)

Material: Locking Key-1010 steel, zinc plate chromate sealer
Head Stud-1008, steel, zinc plate chromate sealer
Black SBR Rubber Bushing
Stationery cam-black acetal
Moving cam-die cast zinc, black organic coating

PANEL HINGE ASSEMBLY (OPTION)

(THREE (3) REQUIRED)

Material: Frame leaf and insert leaf, 304 stainless steel, sealed
Hinge 303, stainless steel plus clear organic coating
Release Pins-18-8 stainless steel, sealed
Internal springs, 302 stainless steel, sealed

HINGE FASTENING HARDWARE

Material: 18-8 and 440 stainless steel

NOTE: Hinge frame leaf is permanently affixed to the box rail
and the insert leaf is permanently affixed to the insert frame.
FACTORY INSTALLED ONLY

PANEL DOOR HINGED LATCH ASSEMBLY

(THREE (3) REQUIRED)

Material: Housing-Two (2) piece white die cast aluminum, cam
latching assembly and cam latch receiver.
Fastening Hardware: 18-8 and 440 stainless steel
Location: Cam Latching assembly mounted to inside of insert frame.
Cam Latch receiver mounted to inside of
5" removable mullion.

LIFT HANDLES

Size: 8" X 1"

Material: Black glass filled nylon
Four (4) mounting point holes
Installation hardware is #8 x 5/8" phillips pan head self
drilling point screwed directly into the panel insert.

Location: One (1) left and one (1) right on each panel

MOUNTING HARDWARE

All QuickGuard mounting hardware shall be 18-8, 304 or 440
stainless steel or all aluminum, or a combination of aluminum
and stainless steel except for masonry anchors which shall be
zinc with stainless steel bolt or pin.

POLYCARBONATE PANEL

Size: 82" X 228" X .612

Material: Polycarbonate Clear Triple Wall with UV Inhibitor
Co-extruded to face of panel.

Color: Standard Clear

Optional: Solar Bronze Available for Special Order at additional cost.

NOTE: MAXIMUM HEIGHT IN HORIZONTAL CONFIGURATION IS 82".
MAXIMUM HEIGHT IN VERTICAL POSITION IS 228".
MANUFACTURER RESERVES THE RIGHT TO ASSEMBLE
POLYCARBONATE PANELS IN EITHER THE HORIZONTAL
OR THE VERTICAL CONFIGURATION.

ALUMINUM COMPONENTS

Finish: Acrylic Enamel (Standard)

Color: Standard White.

Option: Medium Bronze Acrylic Enamel or Other Colors
Available, for Special Orders at additional cost.

Finish: Powder Coated (Optional)

Color: Standard White

Option: Other Colors Available for Special Orders at additional cost.

WARRANTEE:

ALUMINUM AND PAINT FINISH: aluminum box rail, insert frame -
chair rail, removable mullion, removable storm bar and quick
latch wall plates shall be warranted

for (1) year against defects in workmanship and material.

HARDWARE: QuickGuard latches, handles, mounting hardware
and hinges shall be warranted for (1) year against defects in
workmanship and material.

PANEL: Polycarbonate material shall be warranted against
defects in workmanship for a period of (1) year, with the
exclusion of scratches, haze marks, and/or handling abrasions
shall not be considered defects under this warranty.

UV INHIBITOR: The UV inhibitor coextruded to the front surface
of the polycarbonate panel shall have a (10) year warranty
against defects to the panel caused by UV exposure.

QuickGuard® Storm Panels

1688 Church Street • Holbrook, NY 11741
(516) 563-4883 • (516) 563-6668 FAX

For Additional Information, Write, Visit, or Call.

Exclusive Distributor: