

INSTALLATION INSTRUCTIONS

VDS HI Doors **with & w/o Curtain Wall**



INSTALLATION INSTRUCTIONS

CONTENTS

General installation and procedure for typical installations for HVHZ applications. These instructions supplement the shop details and notations on installation and glazing.

SECTION	PAGE	DESCRIPTION
I	3	GENERAL NOTES - HANDLING, STORAGE AND PROTECTION, ETC.
I	4	GENERAL PARTS IDENTIFICATION
I	5	BASIC DOOR FRAMING ELEVATIONS
I	6-18	BASIC DOOR FRAMING
I	19	DETAILS DOOR FRAME PERIMETER ANCHORING
I	20	DOOR GLAZING - GLASS INSTALLATION
I	21	SETTING BLOCK INSTALLATION
I	22-23	HINGE INSTALLATION AND MAINTENANCE
I	24	PERIMETER SEALS AND GENERAL MAINTENANCE
I	25	GLASS MAKE-UPS

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GENERAL NOTES

HANDLING, STORING, AND PROTECTION

The material must be protected against damage. The following precautions are recommended to assure early acceptance of your products and workmanship.

- A. **HANDLE CAREFULLY** - Don't drop from the truck. Stack with adequate separation so material will not rub together. Store off ground. Protect against elements and other construction trades. Wear hand protection to prevent injury due to sharp edges of cut extrusions.
- B. **KEEP MATERIAL AWAY FROM WATER, MUD AND SPRAY** - Prevent cement, plaster, or other materials from damaging the finish.
- C. **PROTECT THE MATERIALS AFTER ERECTION** - Protect by wrapping with Kraft paper or by erecting Visqueen or canvas splatter screen. Cement, plaster, terrazzo, other alkaline solutions and acid based materials used to clean masonry are very harmful to the finish and should be removed with water and mild soap IMMEDIATELY.

GENERAL INSTALLATION INSTRUCTIONS

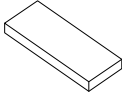
The following practices are recommended for all installations:

- A. **CHECK SHOP DRAWINGS, INSTALLATION INSTRUCTIONS and GLAZING INSTRUCTIONS** to become thoroughly familiar with the project. The SHOP DRAWINGS take precedence and include specific details for the project. The INSTALLATION INSTRUCTIONS are of a general nature and cover most common conditions.
- B. All materials are to be **INSTALLED PLUMB, LEVEL, AND TRUE**.
- C. All work should start from bench marks and/or column lines as established by the ARCHITECTURAL DRAWINGS and the GENERAL CONTRACTOR. Check mullion spacing from both ends of masonry opening to prevent dimensional build-up of day light opening.
- D. Make certain that construction which will receive your materials is in accordance with the contract documents. If not, notify the GENERAL CONTRACTOR IN WRITING and resolve differences before proceeding with your work.
- E. Check all materials on arrival for quantity and be sure you have everything required to begin installation.
- F. Sealants must be compatible with all materials with which they have contact, including other sealant surfaces. Consult with sealant manufacturer for recommendations relative to joint size, shelf life, compatibility, priming, tooling, adhesion, etc.
- G. **FASTENING** - "Fastening" means any method of securing one part to another or to adjacent materials. These instructions specify only those fasteners used within the system.
Due to varying perimeter conditions and job performance requirements, anchor fasteners are not specified in these instructions. For anchor fastening, refer to the Shop Drawings or consult the fastener supplier.
- H. **CHECK OPENINGS** - Make certain that the opening which will receive your materials is in accordance with the contract documents. If not, notify the General Contractor *in writing* and resolve differences before proceeding with your work.
- I. **BUILDING CODES** - Glass and glazing codes governing the design and use of products vary widely.
Vetrotech Saint-Gobain does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility for these design considerations. It is the responsibility of the owner, specifier, architect, general contractor and the installer to make these selections in strict conformance with all applicable codes.
- J. **EXPANSION JOINTS** - Expansion joints and perimeter seals shown in these instructions and in the shop drawings are shown at normal size. Actual dimensions may vary due to perimeter conditions and/ or difference in metal temperature between the time of fabrication and time of installation.

Any movement potential should be accounted for at the time of installation.

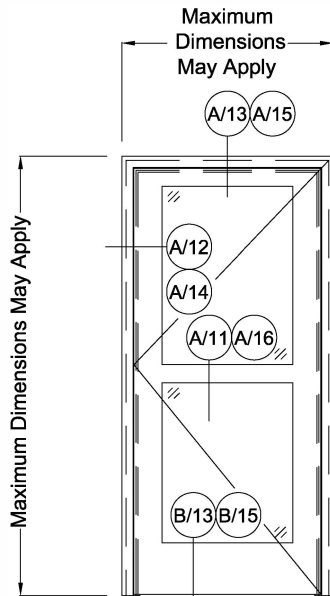
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PARTS IDENTIFICATION

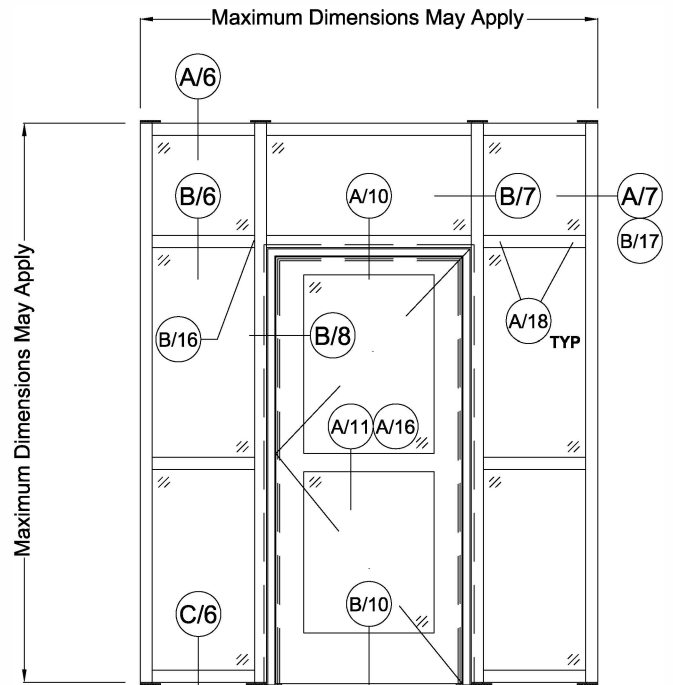
	GLAZING TAPE - CLOSED CELL PVC GLAZING TAPE - $\frac{1}{16}$ " - $\frac{3}{16}$ " x $\frac{1}{2}$ "		
	SETTING BLOCKS - $\frac{1}{8}$ " - $\frac{1}{4}$ " x GLASS THICKNESS		
	SECURING PLATE AND GLAZING BEAD SECURING SCREW - #8 x $1\frac{1}{2}$ " PHILLIPS SELF DRILL TEK SCREW		
	DOOR FRAME TO CURTAIN WALL SECURING SCREW - #12 x 3" PHILLIPS FLAT HEAD		

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BASIC DOOR FRAMING ELEVATIONS

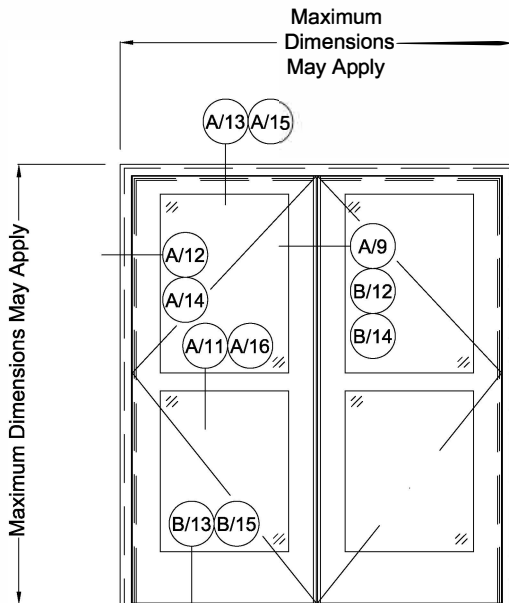


**Stand Alone
Single Door**

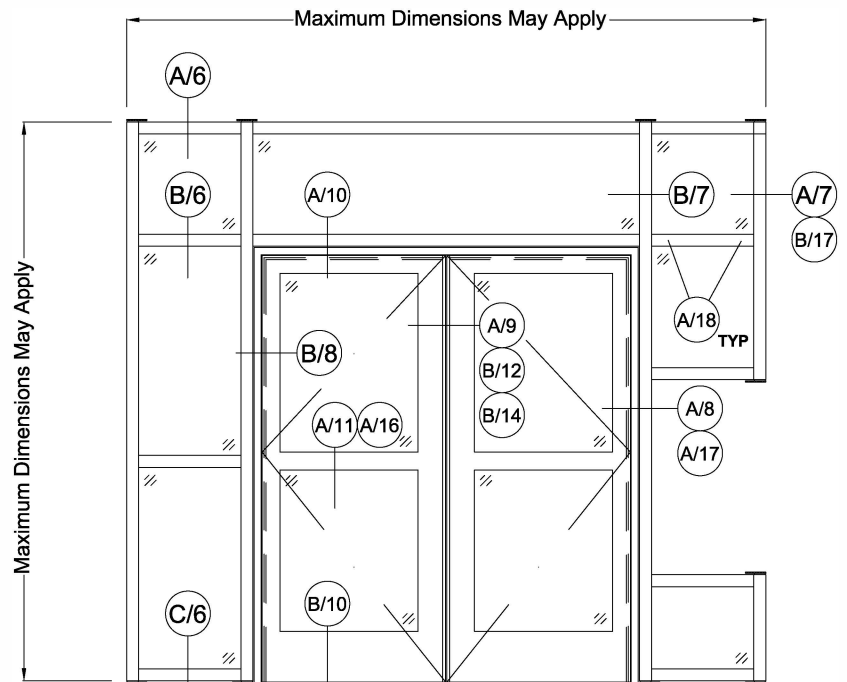


Single Door with Sidelite and Transom

NOTE:
Refer to current data
sheet for maximum
sizes of exposed
glass.



**Stand Alone
Pair of Doors**



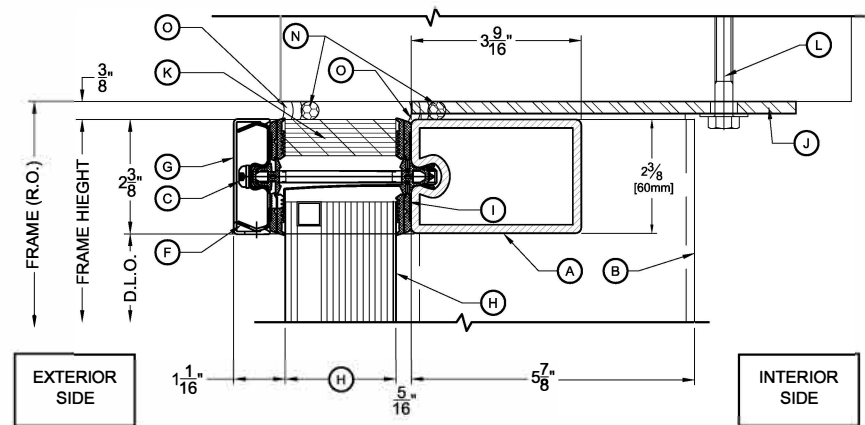
Pair of Doors with Sidelite and Transom

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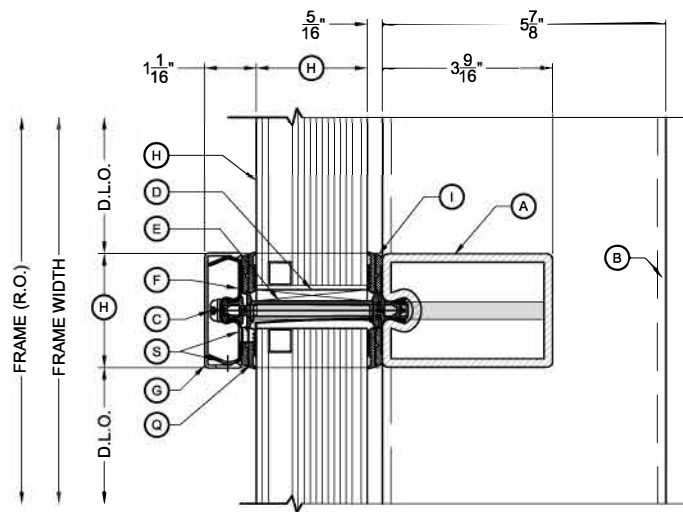
BASIC DOOR FRAMING DETAILS

KEY NOTES

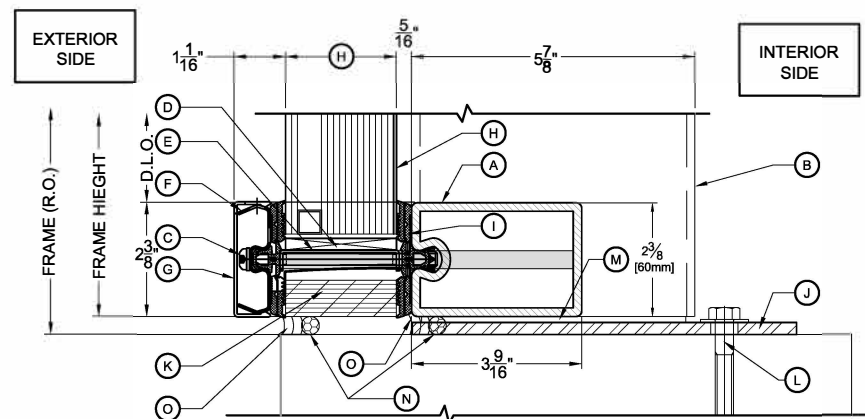
- A. VDS STEEL CURTAIN WALL HORIZONTAL MEMBER - PART# 76863
- B. VDS STEEL CURTAIN WALL VERTICAL MEMBER - PART# 76866
- C. PRESSURE PLATE LOCKING SCREW - PART# 936816 / 936814; SEE SHEET 17
- D. GLASS SETTING BLOCKS; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC
- E. WELD- IN SETTING BLOCK SHELF; SEE SHEET 18
- F. PRESSURE PLATE - PART# 933560; SEE SHEET 17
- G. HORIZONTAL COVER CAP - PART# 932364; SEE SHEET 17
- H. CONTRAFLAM HI (IGU) GLAZING, SEE LISTING DATA SHEET FOR GLAZING TYPE
- I. HORIZONTAL WEATHER STRIPPING WITH FIN; PART# 935461; SEE SHEET 17
- J. FRAME ANCHOR PLATE(S); SEE SHOP DRAWINGS FOR DETAILS
- K. HARDWOOD SPACER; SEE SHEET 17
- L. ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- M. SHIM AS NECESSARY; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC
- N. ROCKWOOL OR CERAMIC FIBER INSULATION
- O. FINISH SEALANT - GLAZING SEALANT



A HEAD DETAIL
N.T.S.



B HORIZONTAL MULLION DETAIL
N.T.S.



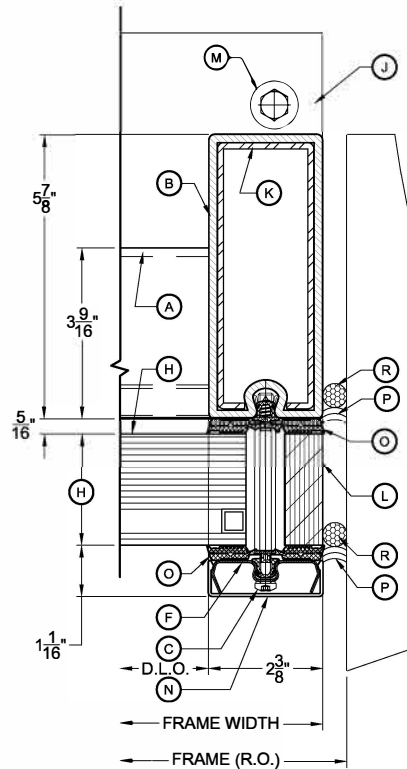
C SILL DETAIL
N.T.S.

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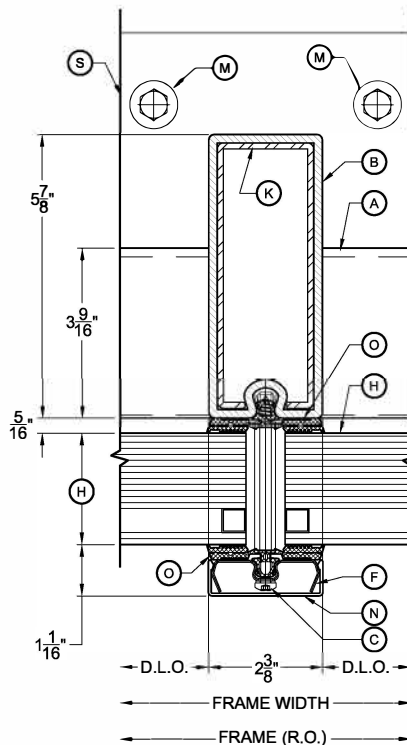
BASIC DOOR FRAMING DETAILS

KEY NOTES

- A. VDS STEEL CURTAIN WALL HORIZONTAL MEMBER- PART# 76863
- B. VDS STEEL CURTAIN WALL VERTICAL MEMBER - PART# 76866
- C. PRESSURE PLATE LOCKING SCREW - PART# 936816 / 936814; SEE SHEET 17
- D. GLASS SETTING BLOCKS; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC
- E. WELD-IN SETTING BLOCK SHELF; SEE SHEET 18
- F. PRESSURE PLATE - PART# 933560; SEE SHEET 17
- G. HORIZONTAL COVER CAP - PART# 932364; SEE SHEET 17
- H. CONTRAFLAM HI (IGU) GLAZING, SEE LISTING DATA SHEET FOR GLAZING TYPE
- I. HORIZONTAL WEATHER STRIPPING WITH FIN - PART# 935461; SEE SHEET 17
- J. FRAME ANCHOR PLATE - WIDE LEFT; SEE SHOP DRAWINGS FOR DETAILS
- K. SHEAR LUG FOR VERTICAL PROFILE
- L. HARDWOOD SPACER; SEE SHEET 17
- M. ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- N. VERTICAL COVER CAP - PART# 932364;
- O. VERTICAL WEATHER STRIPPING - PART# 935460; SEE SHEET 17
- P. FINISH SEALANT
- Q. HORIZONTAL WEATHER STRIPPING WITH NO FIN - PART# 935460; SEE SHEET 17
- R. ROCKWOOL/CERAMIC FIBER INSULATION
- S. FRAME ANCHOR PLATE - CENTER



A JAMB DETAIL
N.T.S.



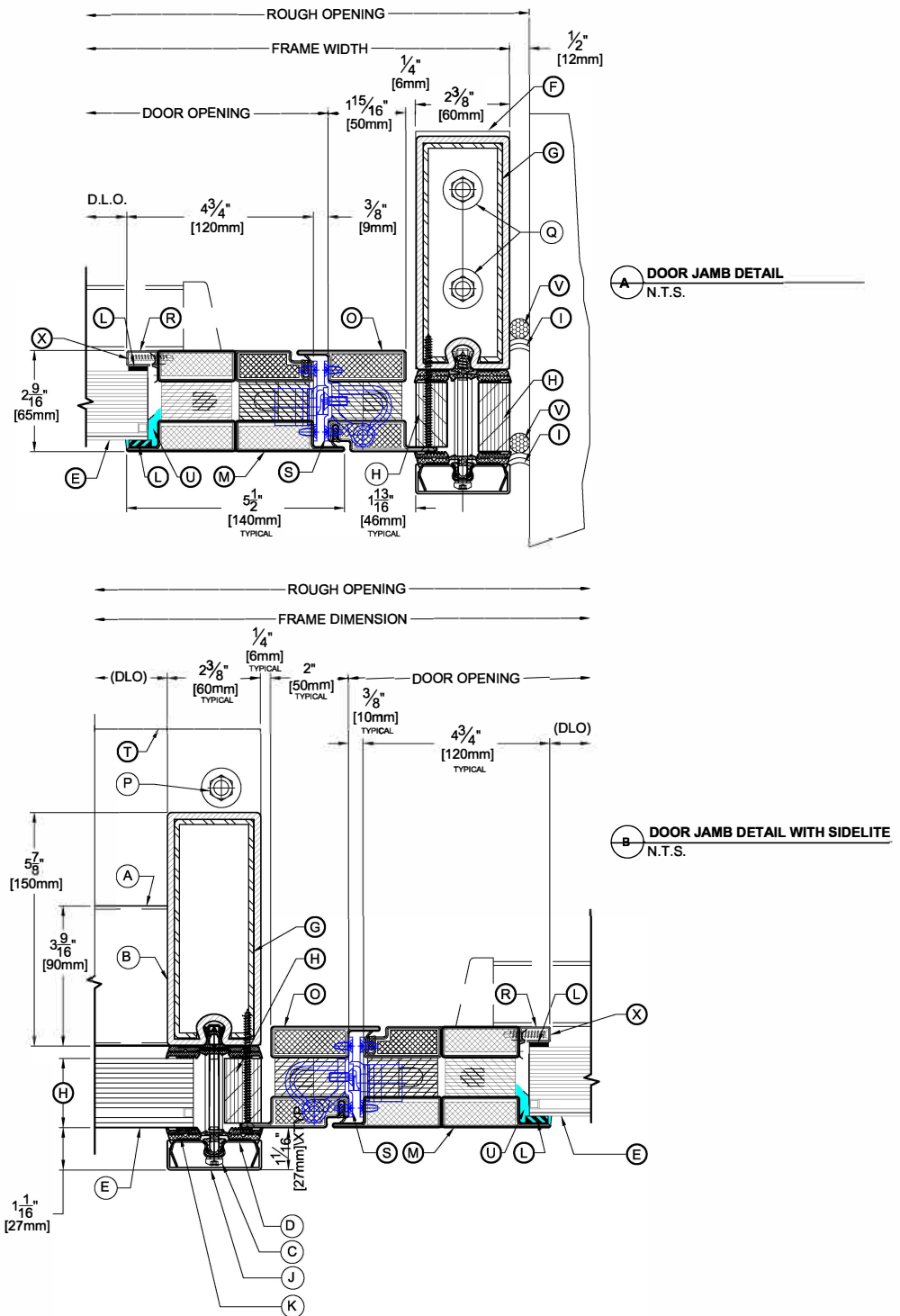
B VERTICAL MULLION DETAIL
N.T.S.

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BASIC DOOR FRAMING DETAILS

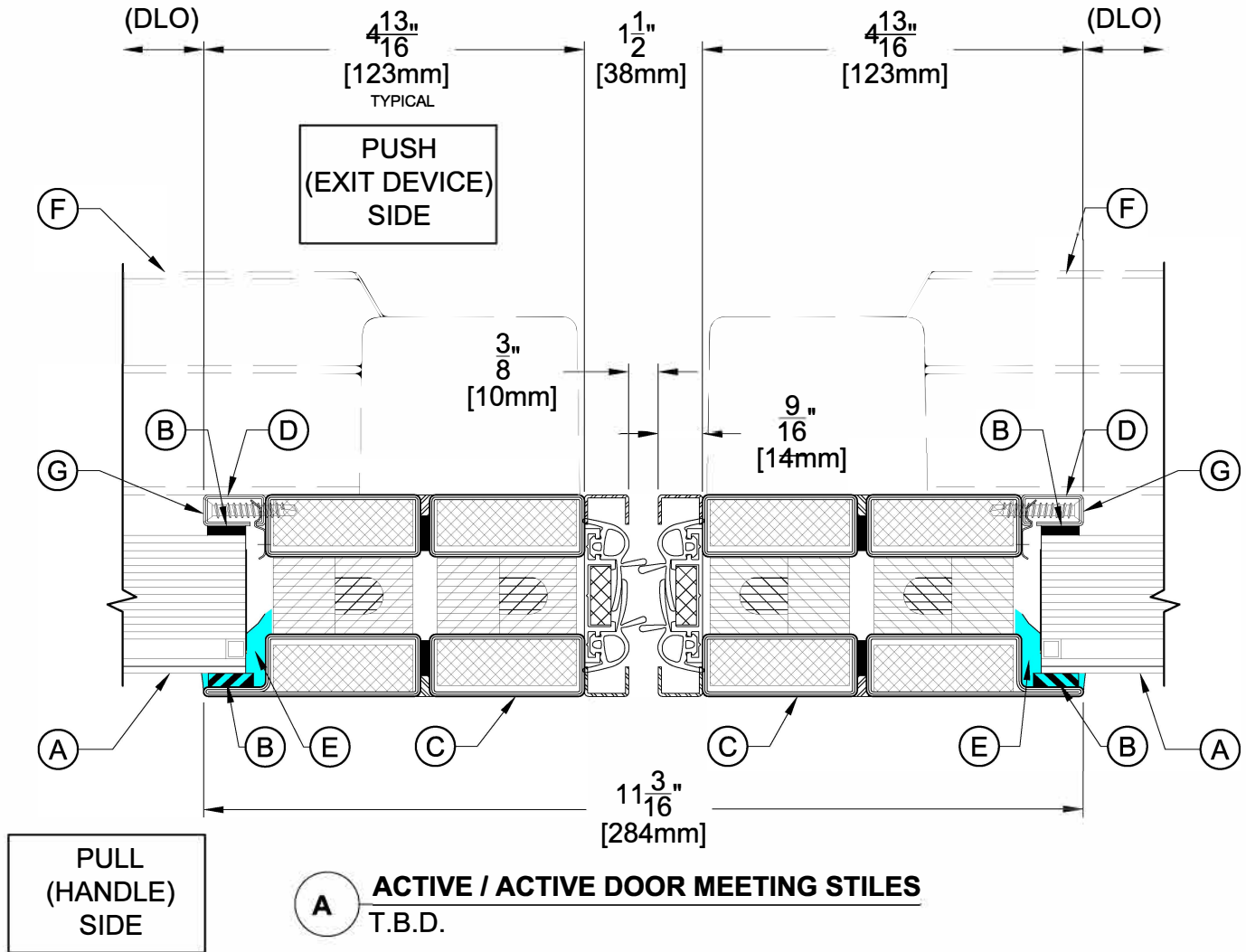
KEY NOTES

- A VDS STEEL CURTAIN WALL HORIZONTAL MEMBER - PART# 76863
- B VDS STEEL CURTAIN WALL VERTICAL MEMBER - PART# 76866
- C PRESSURE PLATE LOCKING SCREW - PART# 936816 / 936814; SEE SHEET 17
- D PRESSURE PLATE - PART# 933560; SEE SHEET 17
- E CONTRAFLAM 60 HI (IGU) GLAZING, SEE LISTING DATA SHEET FOR GLAZING TYPE.
- F FRAME ANCHOR PLATE - NARROW DOOR; SEE SHOP DRAWINGS FOR DETAILS
- G SHEAR LUG FOR VERTICAL PROFILE
- H HARDWOOD SPACER; SEE SHEET 17
- I FINISH SEALANT - GLAZING SEALANT
- J VERTICAL COVER CAP - PART# 932364; SEE SHEET 17
- K VERTICAL WEATHER STRIPPING - PART# 935460; SEE SHEET 17
- L DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- M VDS DOOR SYSTEM VERTICAL HINGE STILE
- N VDS DOOR SYSTEM VERTICAL MEETING STILE
- O VDS DOOR SYSTEM PERIMETER FRAME
- P ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- Q ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- R GLAZING BEAD - PART# 901241
- S HINGE PER HARDWARE SCHEDULE - 907740 ADJUSTS HEIGHT, SIDEWAYS AND IN DEPTH; SEE SHEET 22, 23
- T FRAME ANCHOR PLATE - WIDE LEFT; SEE SHOP DRAWINGS FOR DETAILS
- U DOOR GLAZING SEALANT - DC 995
- V ROCKWOOL OR CERAMIC FIBER INSULATION
- W EXIT DEVICE HARDWARE - VON DUPRIN WS9927F PAIR; SARGENT HC8800F RIM EXIT DEVICE
- X SECURING SCREW FOR GLAZING BEADS; #8 x 1½" SELF DRILL TEK SCREW (SRT)



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KEY NOTES

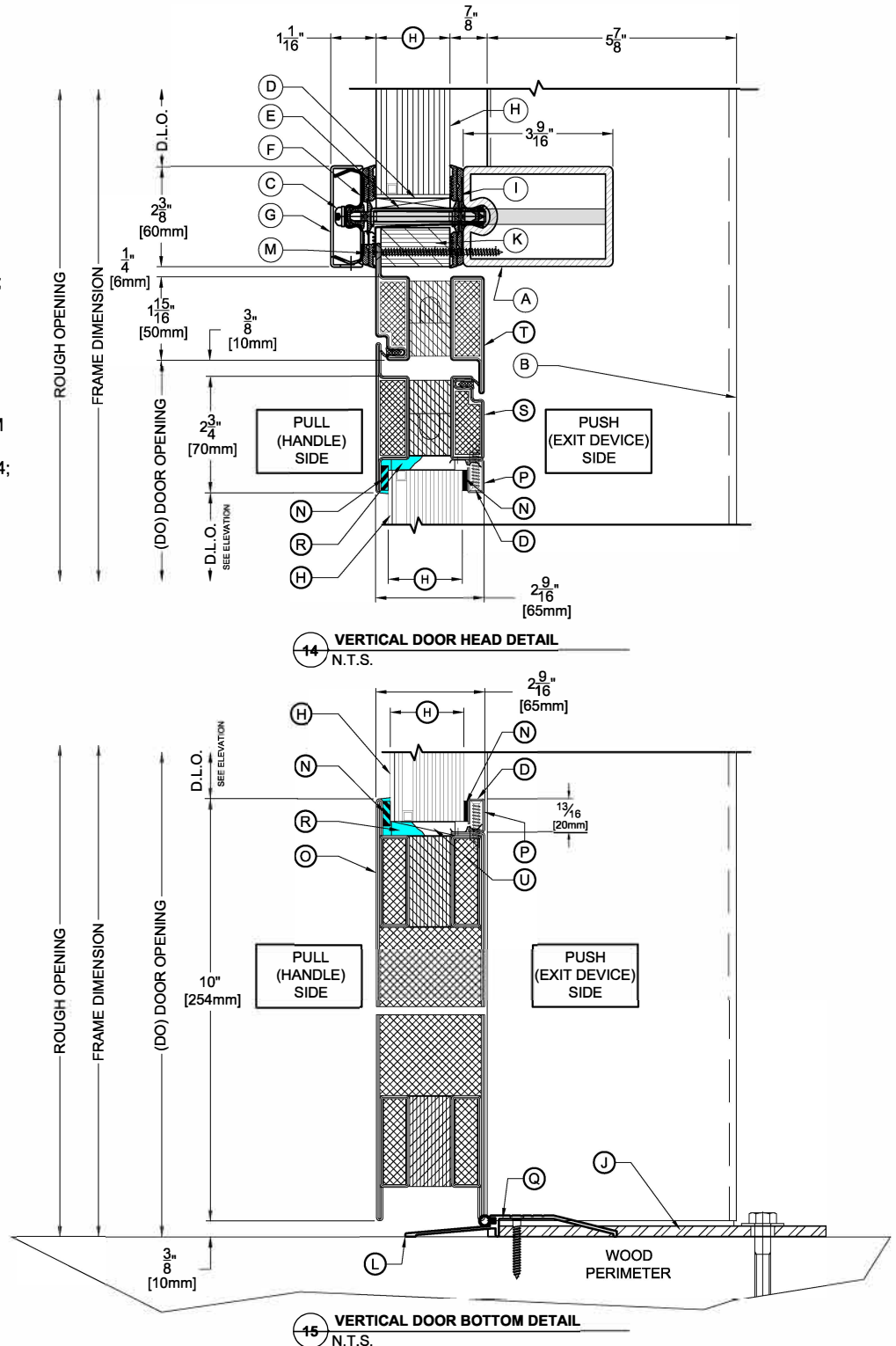
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|---|--|
| <p>A CONTRAFLAM 60 HI (IGU) GLAZING, SEE LISTING DATA SHEET FOR ADDITIONAL INFORMATION</p> <p>B DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE</p> <p>C VDS DOOR SYSTEM VERTICAL MEETING STILE</p> <p>D GLAZING BEAD - PART# 901241</p> | <p>E DOOR GLAZING SEALANT - DC 995</p> <p>F EXIT DEVICE HARDWARE - VON DUPRIN WS9927F PAIR; SARGENT HC8800F RIM EXIT DEVICE</p> <p>G SECURING SCREW FOR GLAZING BEADS; #8 x 1½" SELF DRILL TEK SCREW (SRT)</p> |
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BASIC DOOR FRAMING DETAILS

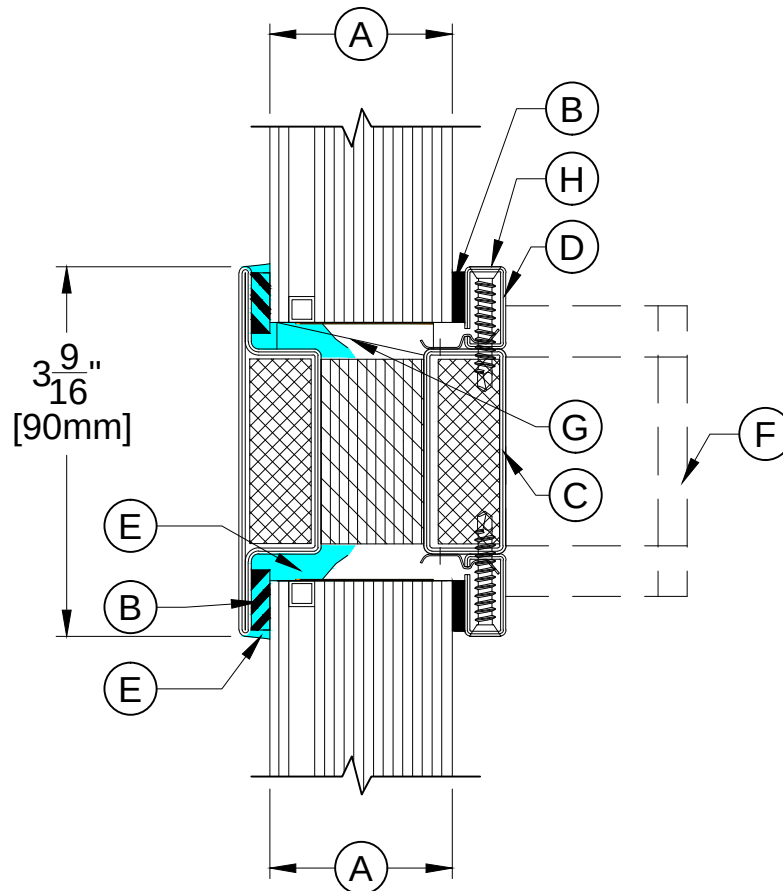
KEY NOTES

- A VDS STEEL CURTAIN WALL HORIZONTAL MEMBER - PART# 76863
- B VDS STEEL CURTAIN WALL VERTICAL MEMBER - PART# 76866
- C PRESSURE PLATE LOCKING SCREW - PART# 936816 / 936814; SEE SHEET 17
- D SECURING SCREW FOR GLAZING BEADS; #8 x 1½" SELF DRILL TEK SCREW (SRT)
- E WELD-IN SETTING BLOCK SHELF; SEE SHEET 18
- F PRESSURE PLATES; - PART# 933560; SEE SHEET 17
- U SETTING BLOCKS; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC
- G HORIZONTAL COVER CAP; - PART# 932364; SEE SHEET 17
- H CONTRAFLAM 60 HI (IGU) GLAZING, SEE LISTING FOR GLASS DATA
- I HORIZONTAL WEATHER STRIPPING WITH FIN - PART# 935461; SEE SHEET 17
- J FRAME ANCHOR PLATE(S)
- K HARDWOOD SPACER - SEE SHEET 17
- L FINISH SEALANT - GLAZING SEALANT
- M DOOR FRAME SECURING SCREW; #12 x 3" PHILLIPS FLAT HEAD
- N DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- O VDS SYSTEM - DOOR BOTTOM PROFILE - PART# KF45-254
- P GLAZING BEAD - PART# 901241
- Q THRESHOLD - NGP 950
- R DOOR GLAZING SEALANT - DC 995
- S VDS DOOR LEAF PROFILE - PART# 735803
- T VDS DOOR PERIMETER FRAME PROFILE - PART# 736805



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BASIC DOOR FRAMING DETAILS



A HORZ. MULLION DOOR DETAIL
CONTRAFLAM 60 HI GLASS

KEY NOTES

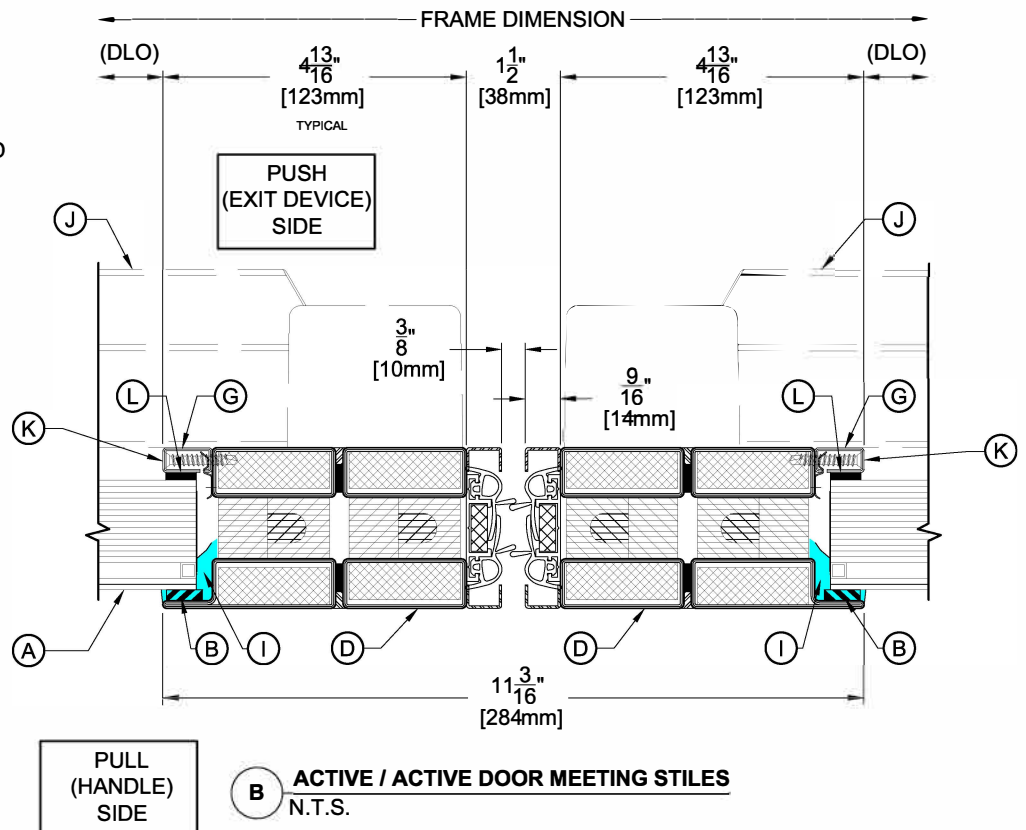
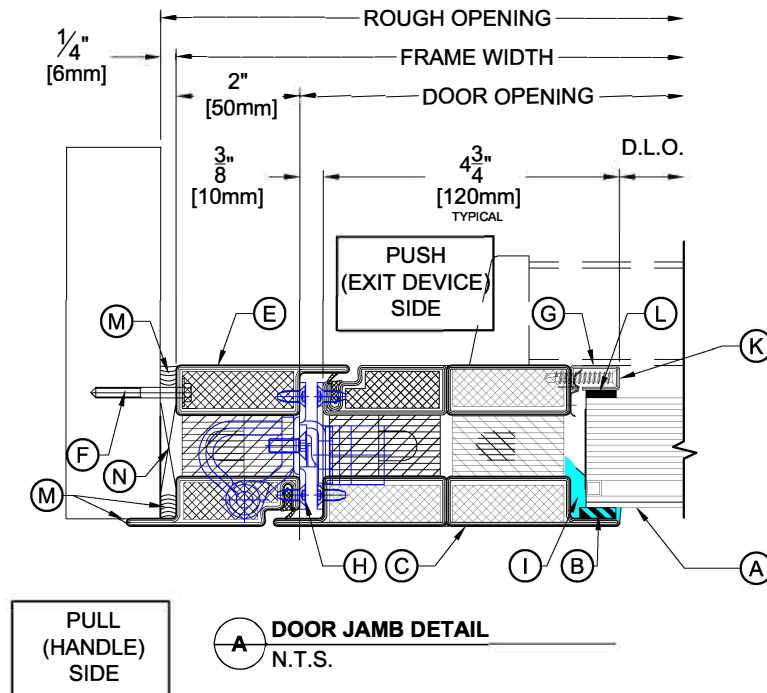
- | | | | |
|---|--|---|---|
| A | CONTRAFLAM 60 HI (IGU) GLAZING, SEE LISTING FOR GLASS DATA | F | EXIT DEVICE HARDWARE - VON DUPRIN WS9927; SARGENT HC8800 RIM |
| B | DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE | G | GLASS SETTING BLOCKS; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC |
| C | VDS DOOR SYSTEM HORIZONTAL MULLION | H | SECURING SCREW FOR GLAZING BEADS; #8 x 1½" SELF DRILL TEK SCREW (SRT) |
| D | GLAZING BEAD - PART# 901241 | | |
| E | DOOR GLAZING SEALANT - DC 995 | | |

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BASIC DOOR FRAMING DETAILS

KEY NOTES

- A CONTRAFLAM 60 HI (IGU) GLAZING, SEE LISTING FOR GLASS DATA
- B DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- C VDS DOOR SYSTEM VERTICAL HINGE STILE
- D VDS DOOR SYSTEM VERTICAL MEETING STILE
- E VDS DOOR SYSTEM PERIMETER FRAME
- F ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- G GLAZING BEAD - PART# 901241
- H HINGE PER HARDWARE SCHEDULE - 907740 ADJUSTS HEIGHT, SIDEWAYS AND IN DEPTH; SEE SHEET 22, 23
- I DOOR GLAZING SEALANT - DC 995
- J EXIT DEVICE HARDWARE - VON DUPRIN WS9927F; SARGENT HC8800F RIM
- K SECURING SCREW FOR GLAZING BEADS; #8 x 1½" SELF DRILL TEK SCREW (SRT)
- L DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- M GLAZING FINISHING SEALANT
- N FILL, VOID OR CAVITY - MATERIALS (NOT SHOWN) — UL CLASSIFIED SILICONE, MINERAL WOOL BATTS PACKED INTO THE VOID BETWEEN THE FRAME AND THE WALL OPENING

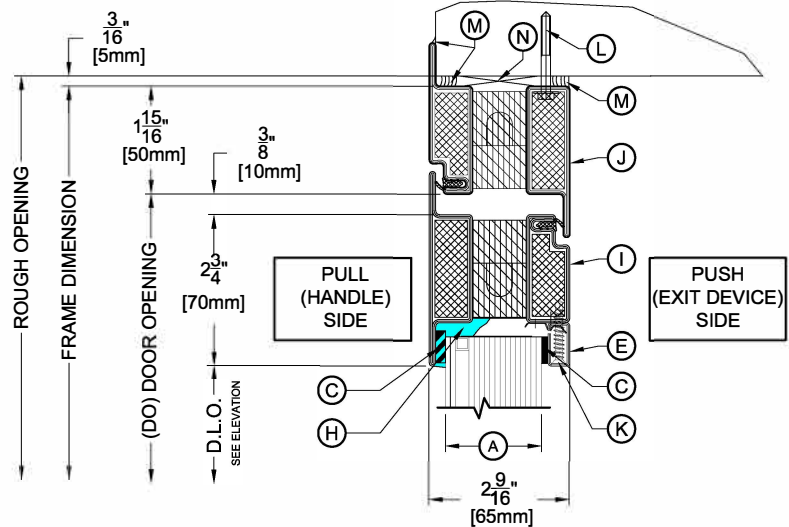


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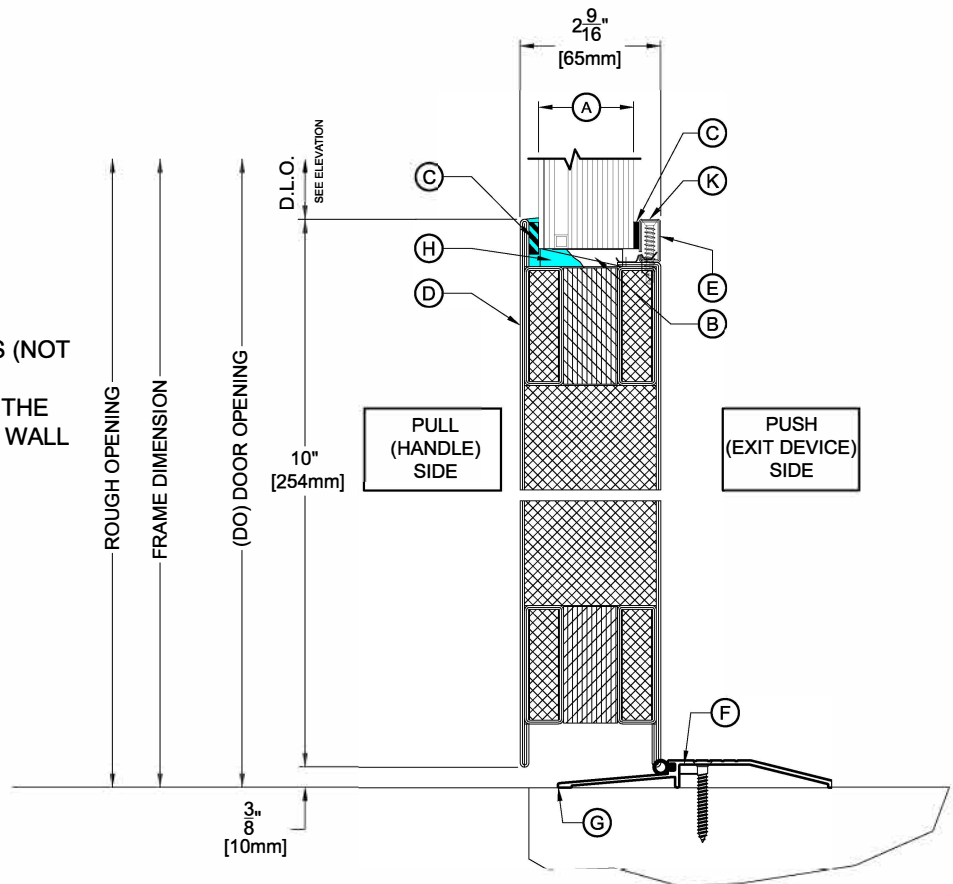
BASIC DOOR FRAMING DETAILS

KEY NOTES

- A CONTRAFLAM 60 HI (IGU) GLAZING, SEE LISTING FOR GLASS DATA
- B SETTING BLOCKS; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC
- C DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- D VDS SYSTEM - DOOR BOTTOM PROFILE - PART# KF45-254
- E GLAZING BEAD - PART# 901241
- F THRESHOLD - NGP 950
- G FINISH SEALANT - GLAZING SEALANT
- H DOOR GLAZING SEALANT - DC 995
- I VDS DOOR LEAF PROFILE - PART# 735803
- J VDS DOOR PERIMETER FRAME PROFILE - PART# 736805
- K SECURING SCREW FOR GLAZING BEADS; #8 x 1½" SELF DRILL TEK SCREW (SRT)
- L ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- M GLAZING FINISHING SEALANT
- N FILL, VOID OR CAVITY - MATERIALS (NOT SHOWN) — UL CLASSIFIED SILICONE, MINERAL WOOL BATTS PACKED INTO THE VOID BETWEEN THE FRAME AND THE WALL OPENING



A VERTICAL DOOR HEAD DETAIL
N.T.S.



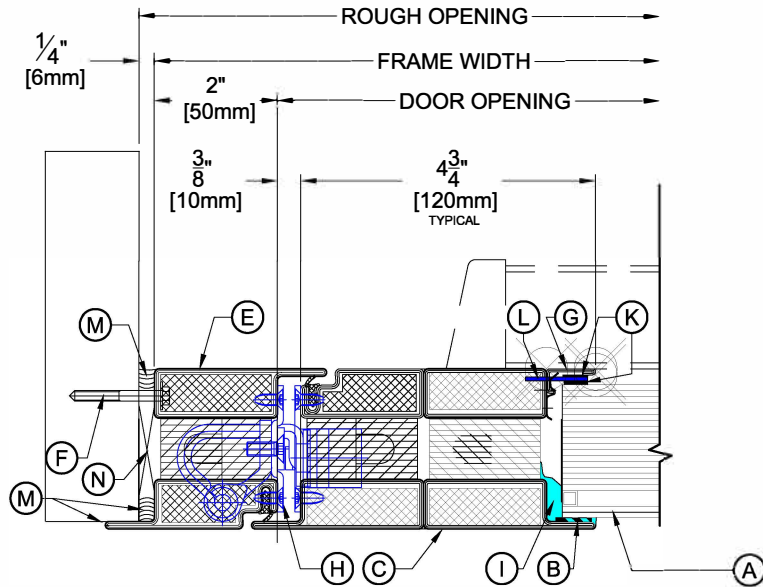
B VERTICAL DOOR BOTTOM DETAIL
N.T.S.

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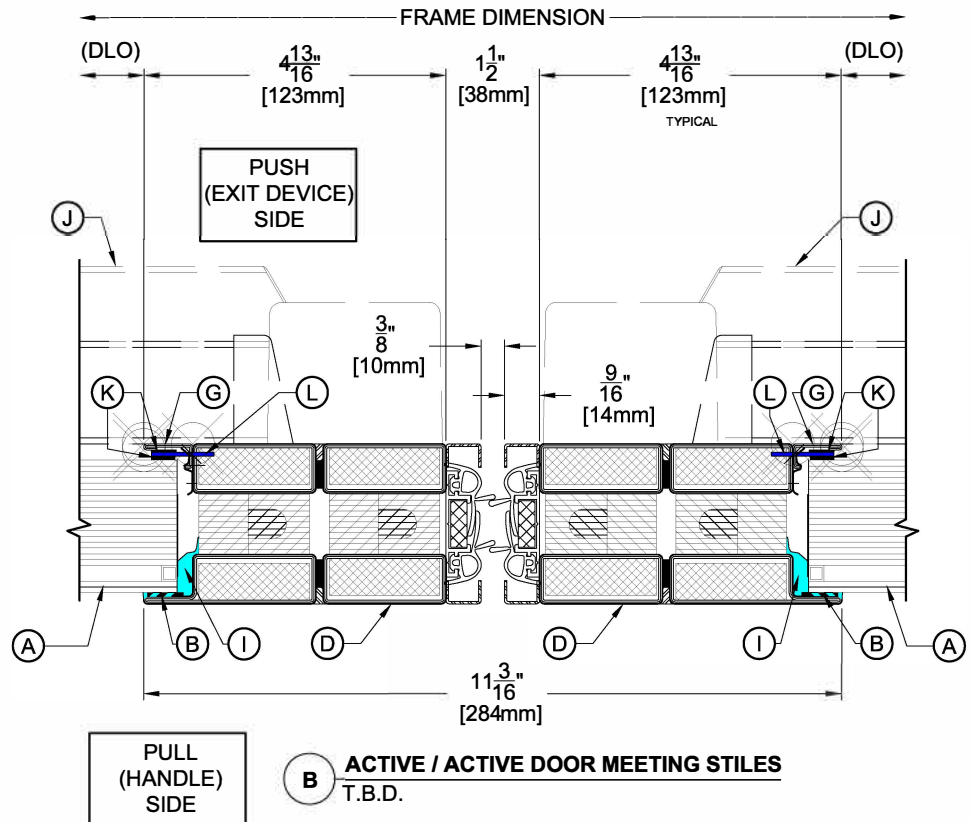
BASIC DOOR FRAMING DETAILS

KEY NOTES

- A CONTRAFLAM 90 HI (IGU) GLAZING, SEE LISTING FOR GLASS DATA
- B DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- C VDS DOOR SYSTEM VERTICAL HINGE STILE
- D VDS DOOR SYSTEM VERTICAL MEETING STILE
- E VDS DOOR SYSTEM PERIMETER FRAME
- F ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- G GLAZING BEAD - PART# 901245
- H HINGE PER HARDWARE SCHEDULE - 907740 ADJUSTS HEIGHT, SIDEWAYS AND IN DEPTH; SEE SHEET 22, 23
- I DOOR GLAZING SEALANT - DC 995
- J EXIT DEVICE HARDWARE - VON DUPRIN WS9927F; SARGENT HC8800F RIM
- K DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- L SECURING PLATE; 2-1/2" X 1" 16GA STEEL; 2 PLACED ON QTR POINTS OF VERTICAL GLASS EDGE (BOTH SIDES) AND 2 ON HORIZONTAL (TOP AND BOTTOM) SECURED WITH #8x1 1/2" SELF DRILL TEK SCREW (SRT)
- M GLAZING FINISHING SEALANT
- N FILL, VOID OR CAVITY - MATERIALS (NOT SHOWN) — UL CLASSIFIED SILICONE, MINERAL WOOL BATTS PACKED INTO THE VOID BETWEEN THE FRAME AND THE WALL OPENING



A DOOR JAMB DETAIL
N.T.S.



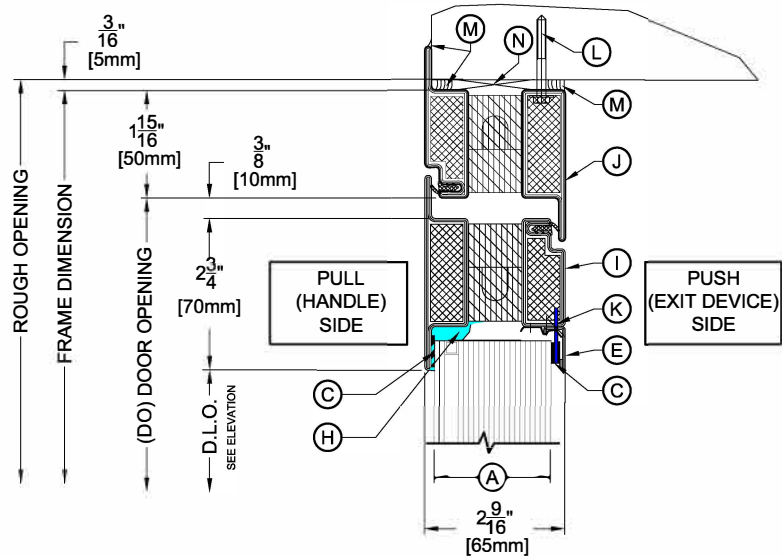
B ACTIVE / ACTIVE DOOR MEETING STILES
T.B.D.

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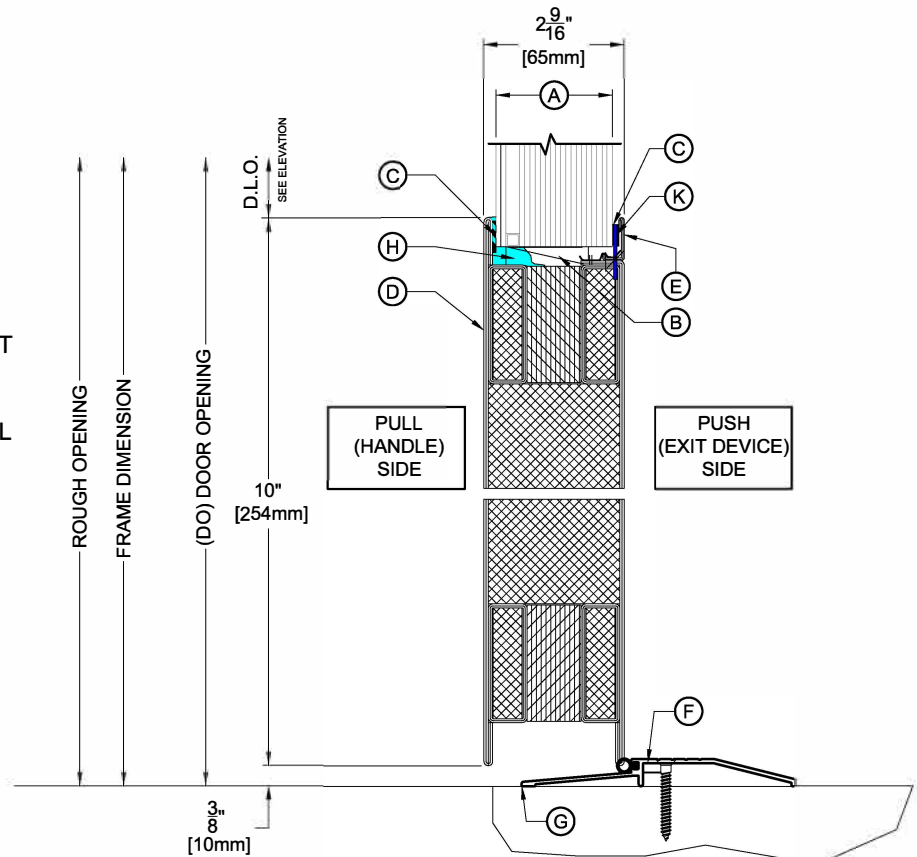
BASIC DOOR FRAMING DETAILS

KEY NOTES

- A CONTRAFLAM 90 HI (IGU) GLAZING, SEE LISTING FOR GLASS DATA
- B SETTING BLOCKS; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC
- C DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE
- D VDS SYSTEM - DOOR BOTTOM PROFILE - PART# KF45-254
- E GLAZING BEAD - PART# 901245
- F THRESHOLD - NGP 950
- G FINISH SEALANT - GLAZING SEALANT
- H DOOR GLAZING SEALANT - DC 995
- I VDS DOOR LEAF PROFILE - PART# 735803
- J VDS DOOR PERIMETER FRAME PROFILE - PART# 736805
- K SECURING PLATE; 2-1/2" X 1" 16GA STEEL; 2 PLACED ON QTR POINTS OF VERTICAL GLASS EDGE (BOTH SIDES) AND 2 ON HORIZONTAL (TOP AND BOTTOM) SECURED WITH #8x1 1/2" SELF DRILL TEK SCREW (SRT)
- L ANCHORS: SEE SHOP DRAWINGS FOR DETAILS
- M GLAZING FINISHING SEALANT
- N FILL, VOID OR CAVITY - MATERIALS (NOT SHOWN) — UL CLASSIFIED SILICONE, MINERAL WOOL BATTS PACKED INTO THE VOID BETWEEN THE FRAME AND THE WALL OPENING



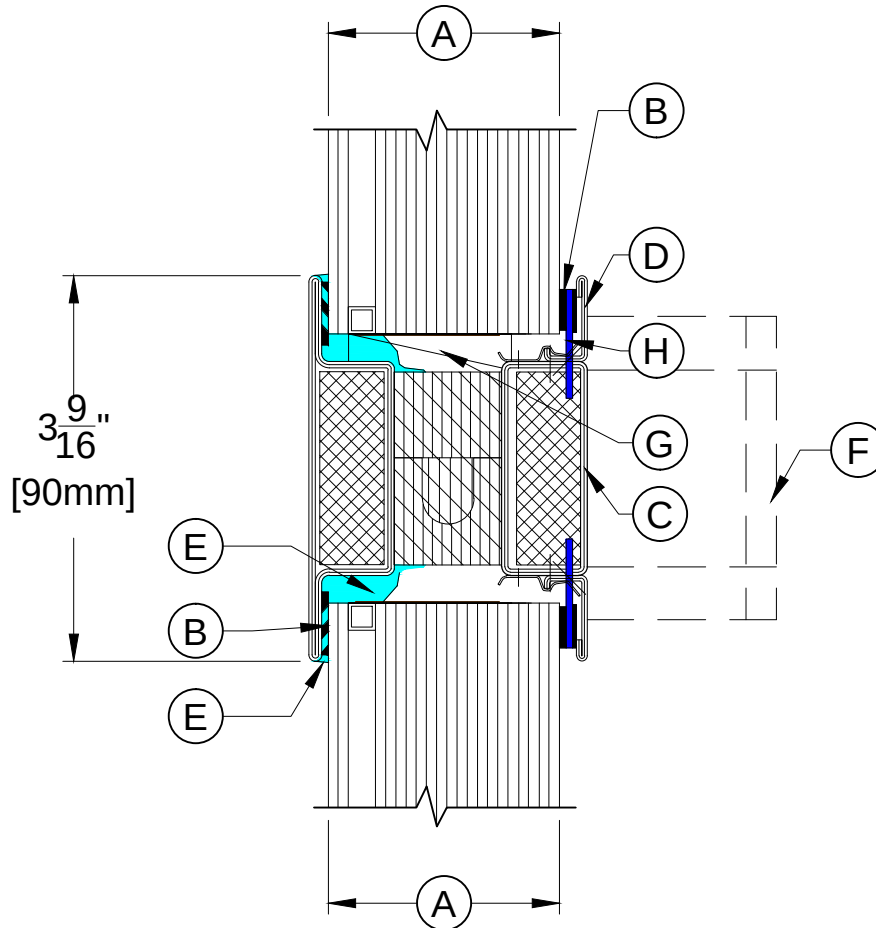
VERTICAL DOOR HEAD DETAIL
N.T.S.



VERTICAL DOOR BOTTOM DETAIL
N.T.S.

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BASIC DOOR FRAMING DETAILS



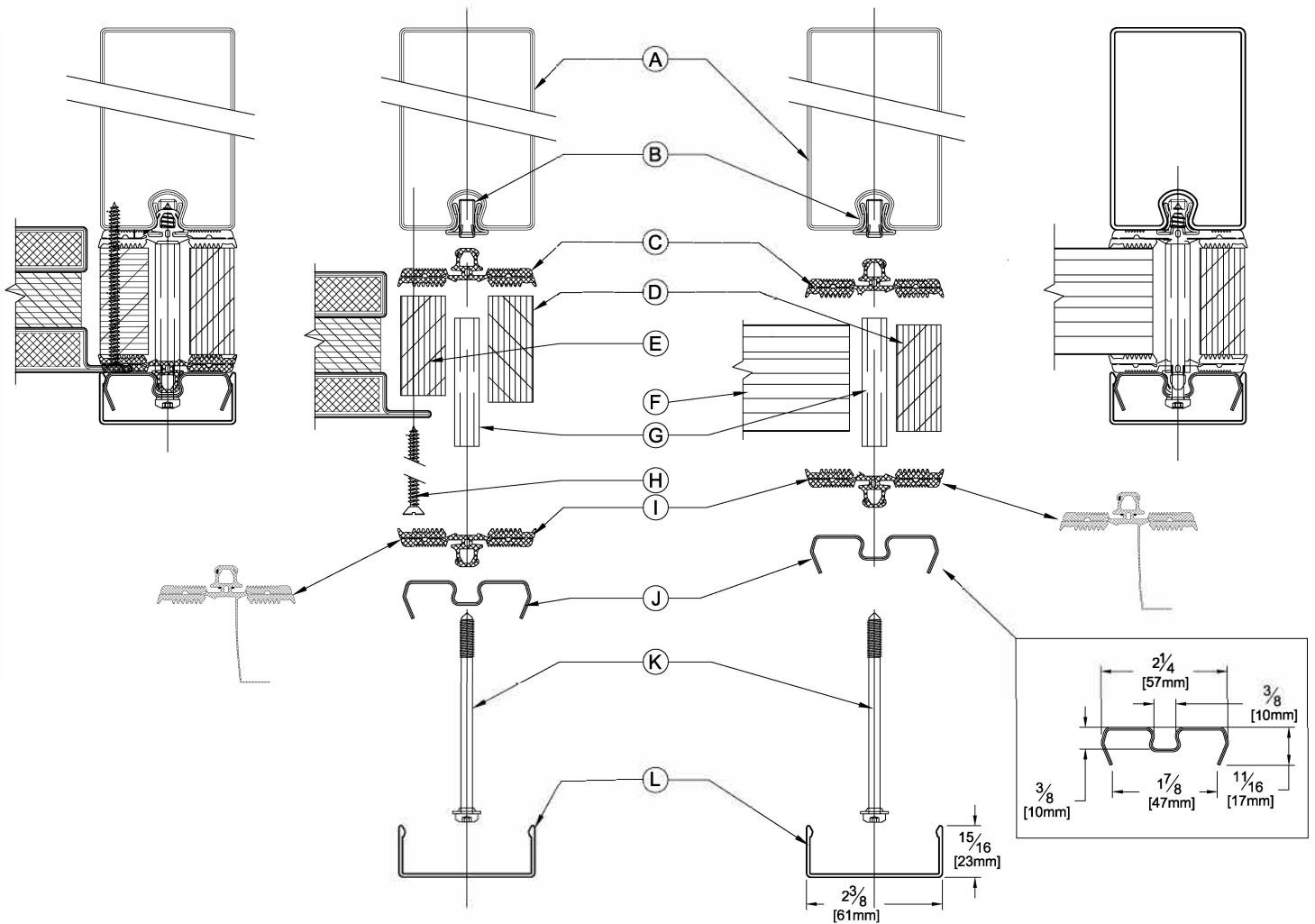
A HORZ. MULLION DOOR DETAIL
CONTRAFLAM 90 HI GLASS

KEY NOTES

- | | |
|---|--|
| <p>A CONTRAFLAM 90 HI (IGU) GLAZING, SEE LISTING FOR GLASS DATA</p> <p>B DOOR GLAZING GASKET - CLOSED CELL GLAZING TAPE</p> <p>C VDS DOOR SYSTEM HORIZONTAL MULLION</p> <p>D GLAZING BEAD - PART# 901245</p> <p>E DOOR GLAZING SEALANT - DC 995</p> <p>F EXIT DEVICE HARDWARE - VON DUPRIN WS9927F; SARGENT HC8800F RIM</p> | <p>G GLASS SETTING BLOCKS; HARDWOOD, CALCIUM SILICATE OR NEOPRENE PLASTIC</p> <p>H SECURING PLATE; 2-1/2" X 1" 16GA STEEL; 2 PLACED ON QTR POINTS OF VERTICAL GLASS EDGE (BOTH SIDES) AND 2 ON HORIZONTAL (TOP AND BOTTOM) SECURED WITH #8x1 1/2" SELF DRILL TEK SCREW (SRT)</p> |
|---|--|

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BASIC DOOR FRAMING DETAILS



A CURTAIN WALL DOOR GLAZING

B CURTAIN WALL GLASS GLAZING

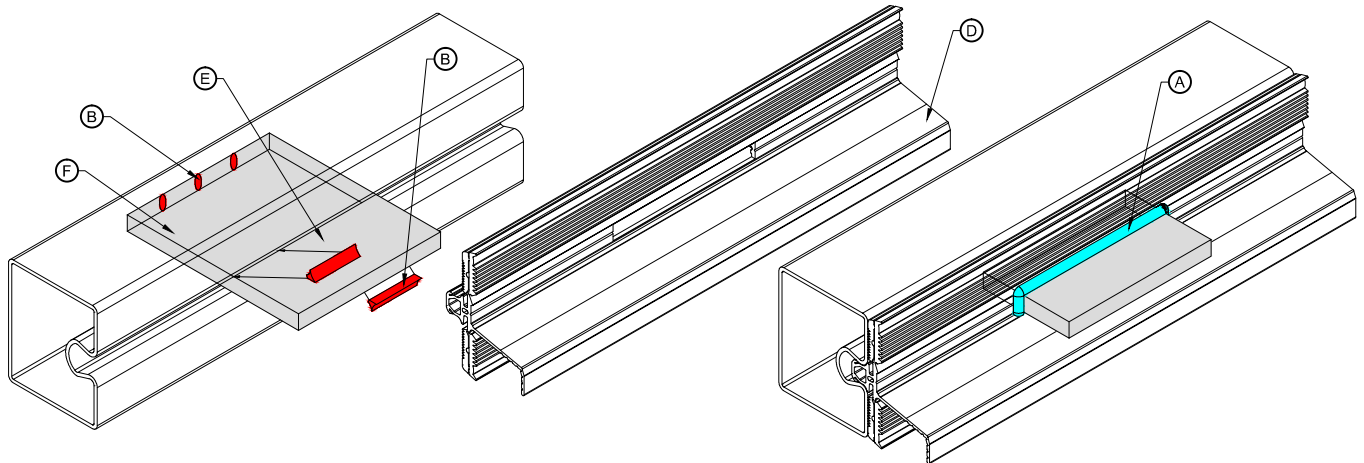
KEY NOTES

- A - CURTAIN WALL PROFILE
- B - 936570 STEEL CLAMPING FOOT; 75mm IN LENGTH;
SECURED IN FACTORY; PLACED 6" OC
- C - 935460 WEATHER STRIPPING; EPDM RUBBER;
8mm x 60mm
- D - HARDWOOD BLOCK / HARDWOOD SPACER;
 $\frac{3}{4}$ " x: THICKNESS OF CAVITY TO BE FILLED
(GLASS THICKNESS)
- E - HARDWOOD BLOCK / HARDWOOD SPACER;
 $\frac{3}{4}$ " x: THICKNESS OF CAVITY TO BE FILLED
(GLASS AND DOOR "FIN" THICKNESS)
- F - CONTRAFLAM HURRICANE RATED GLASS

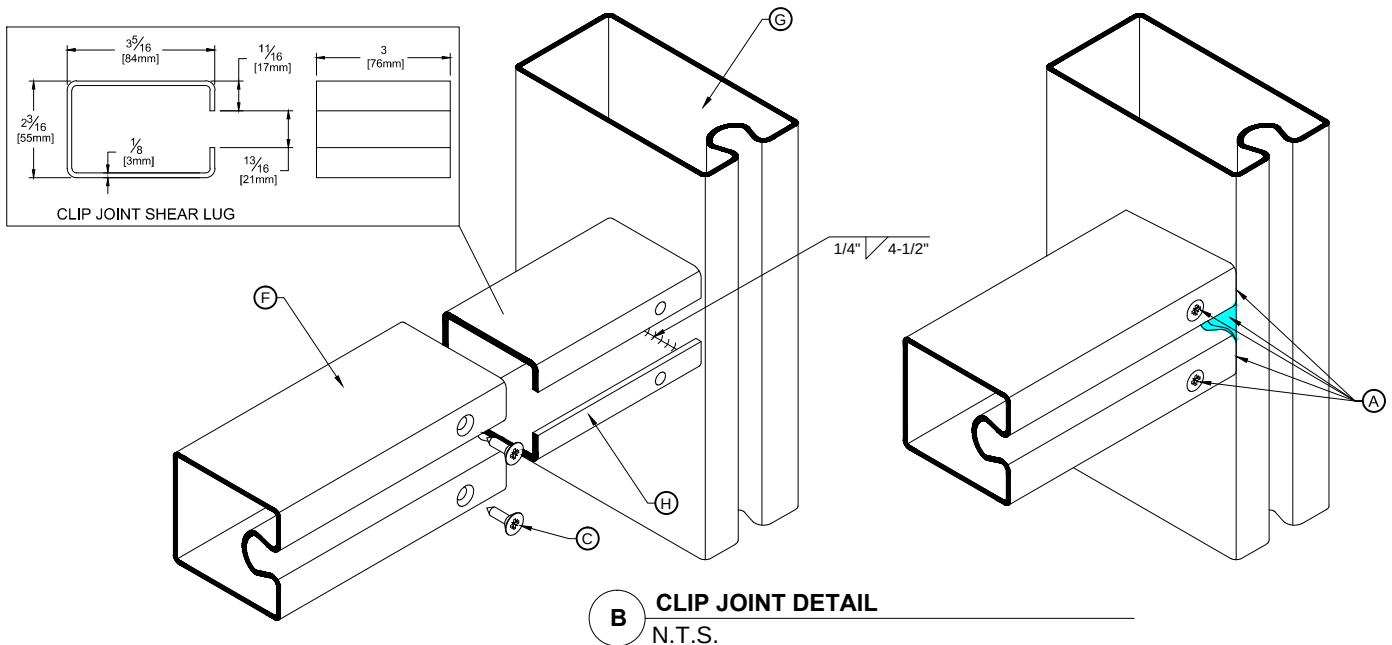
- G - PLASTIC SCREW SPACER SLEEVE;
11mm DIA x THICKNESS OF GLASS
- H - #12 x 3" PHILLIPS FLAT HEAD SCREW
- I - 935460 WEATHER STRIPPING; (VERTICAL SHOWN;
HORIZONTAL 935461 INCLUDES EXTRUDED FIN);
EPDM RUBBER 8mm x 60mm
- J - 933560 STAINLESS STEEL PRESSURE PLATE
- K - 936814 / 936816 PAN HD LOCKING SCREW:
936814 - 85mm FOR CONTRAFLAM 60 HI (IGU) GLASS
936816 - 95mm FOR CONTRAFLAM 90/120 HI (IGU) GLASS
FASTENER LOCATIONS: 6" OC
- L - 932364 - ALUMINUM COVER CAP

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BASIC DOOR FRAMING DETAILS



A WELD IN SETTING BLOCK DETAIL
N.T.S.



B CLIP JOINT DETAIL
N.T.S.

KEY NOTES

A - GLAZING SEALANT APPLIED TO EDGE AND SCREW LOCATIONS

B - FILLET WELDS; 2x - 1" LENGTH; TOP AND BOTTOM; BACK SIDE - 3x PLUG WELD

C - CURTAINWALL CLIP JOINT SCREWS - FLAT HEAD MACHINE; DIN 965 A2 4X10 PH

D - HORIZONTAL WEATHER STRIPPING WITH FIN - PART# 935461; SEE SHEET 17

E - WELD-IN SETTING BLOCK SHELF; $\frac{3}{8}$ " PLATE; LENGTH $\frac{7}{8}$ " + THICKNESS OF GLASS; WIDTH: 3-4" MIN.

F - VDS STEEL CURTAIN WALL HORIZONTAL MEMBER - PART# 76863

G - VDS STEEL CURTAIN WALL VERTICAL MEMBER - PART# 76866

H - VDS STEEL CURTAIN WALL HORIZONTAL SHEAR LUG - PART# FV-HCJ-76-863

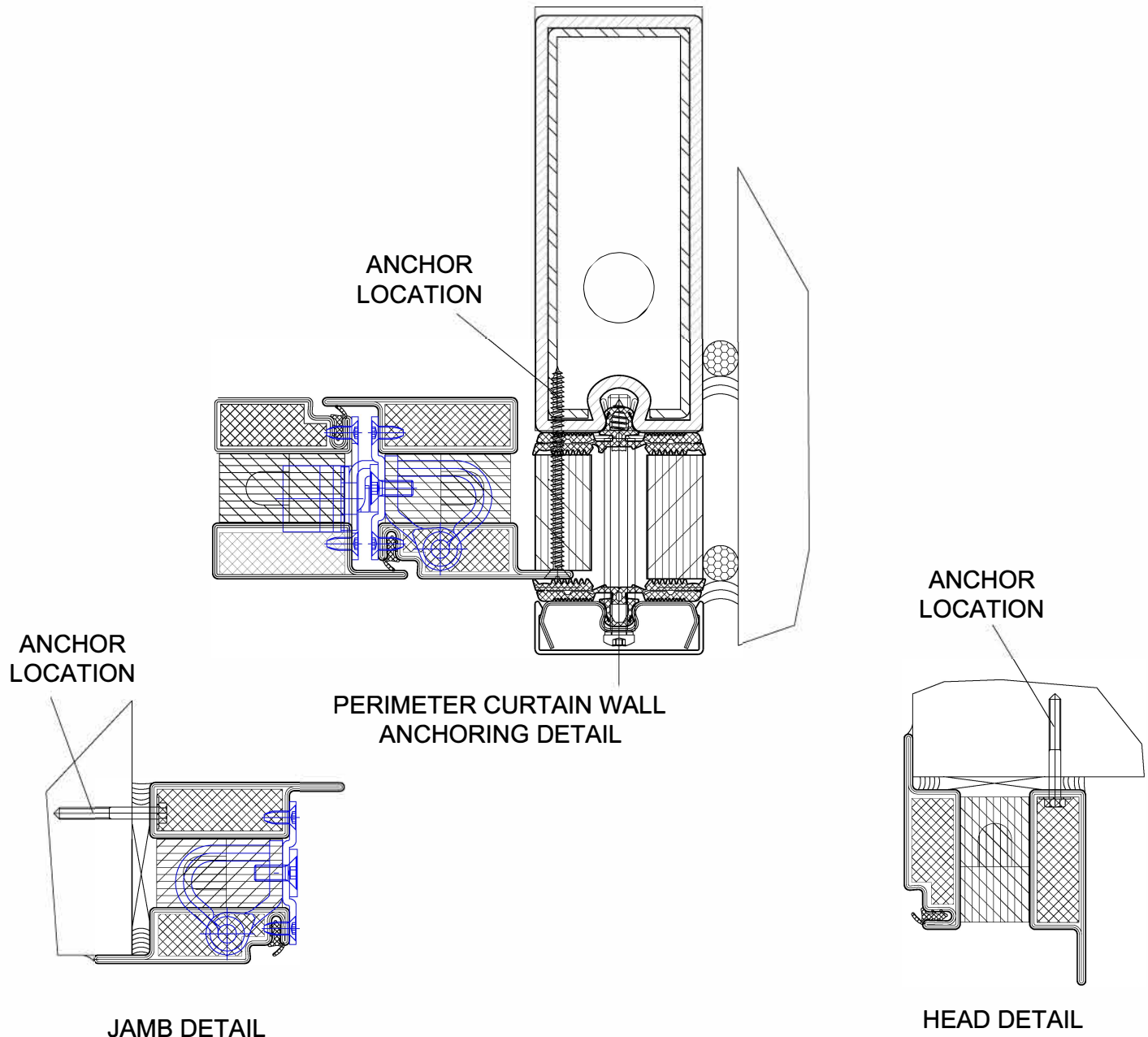
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PERIMETER ANCHORING

PERIMETER ANCHORING:

TO ANCHOR THE PERIMETER, PLEASE REFER TO THE SHOP DRAWINGS FOR ANCHORING METHODS IN DIFFERENT SUBSTRATES (WOOD, CONCRETE, ETC.). EACH PERIMETER TYPE WILL REQUIRE DIFFERENT TYPES OF ANCHORS WHICH WILL BE INDICATED IN THE SHOP DRAWINGS.

ANCHORING LOCATIONS FOR DOORS WILL BE PRE-DRILLED AND COMPLETED AT THE FACTORY BEFORE SHIPPING.



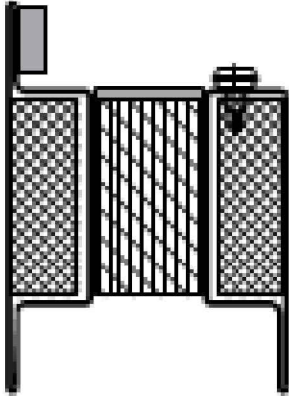
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INSTALLING GLASS

INSTALLING EXTERIOR GLAZING TAPE:

Peel backing from the glazing tape and apply to exterior leg of frame as shown below. Apply to all 4 sides of frame leg.

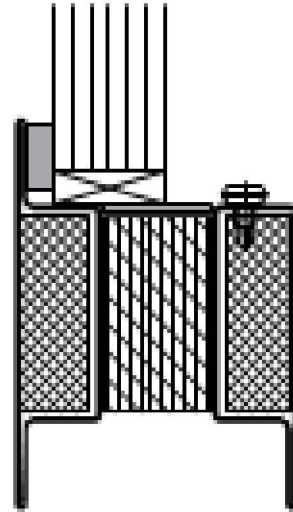
****NOTE:** Silicone structural sealant DC995 needs to be applied as shown in sheets 8-16 on both sides of the glass.



INSTALLING SETTING BLOCKS:

Install setting blocks at quarter points. Set glass in position on setting blocks, positioning glass in the center of the opening.

****NOTE:** Silicone structural sealant DC995 needs to be applied as shown in sheets 8-16 on both sides of the glass.



INSTALL INTERIOR GLAZING TAPE AND GLASS STOPS:

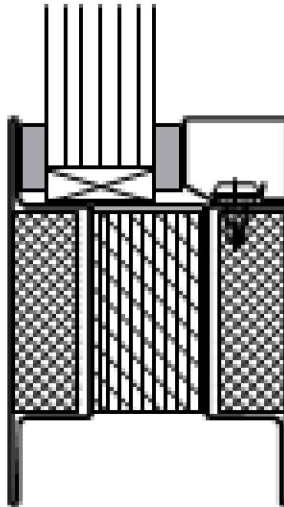
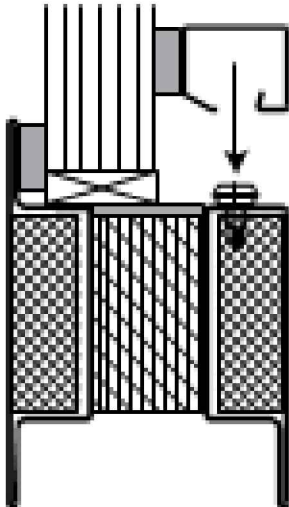
Peel backing from the glazing tape and apply to horizontal and vertical glass stops.

Snap in the top glass stop over the pre-installed stud.

Snap in the bottom glass stop over the pre-installed stud.

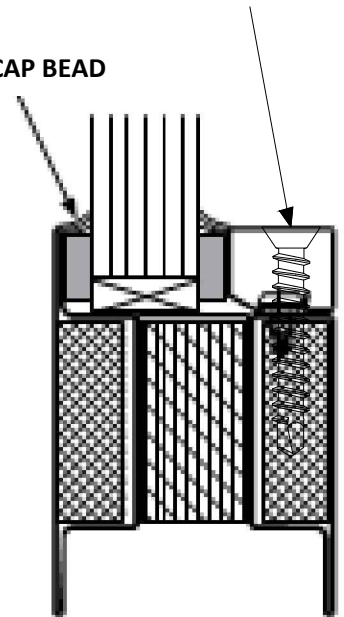
Snap in the right and left glass stops over the pre-installed stud.

****NOTE:** Silicone structural sealant DC995 needs to be applied as shown in sheets 8-16 on both sides of the glass.



SECURING SCREW; SEE SHEETS 8-13 FOR MORE INFO

SILICONE CAP BEAD



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INSTALLING SETTING BLOCKS

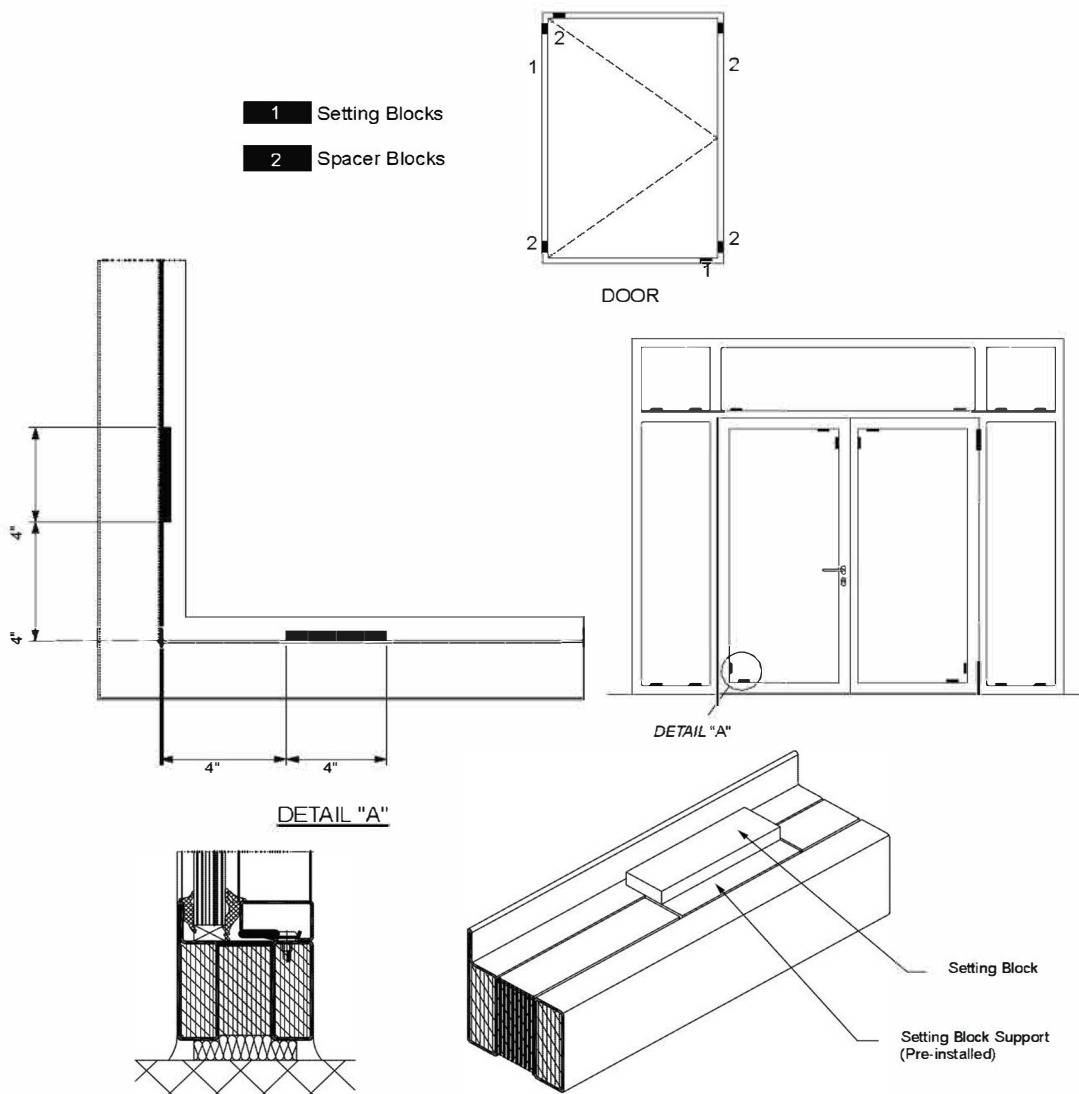
Position blocks six inches (6") over from corner of lock stile and 6" over from hinge stile at bottom of door.

Position blocks 6" up and 6" down on hinge stile. Position block 6" up on lock stile.

Set glass into position on setting blocks, positioning in center of opening.

Rotate glass slightly to remove temporary setting block at bottom (toward lock stile) and locate 6" down from the top on the lock stile. Then add appropriate blocks until the edge of door and frame clearance is uniform.

Use wedge to force additional blocks in. Check the door for proper alignment.



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22

**Anschraubband, verdeckt
liegend 907740**

**Paumelle à visser, cachée
907740**

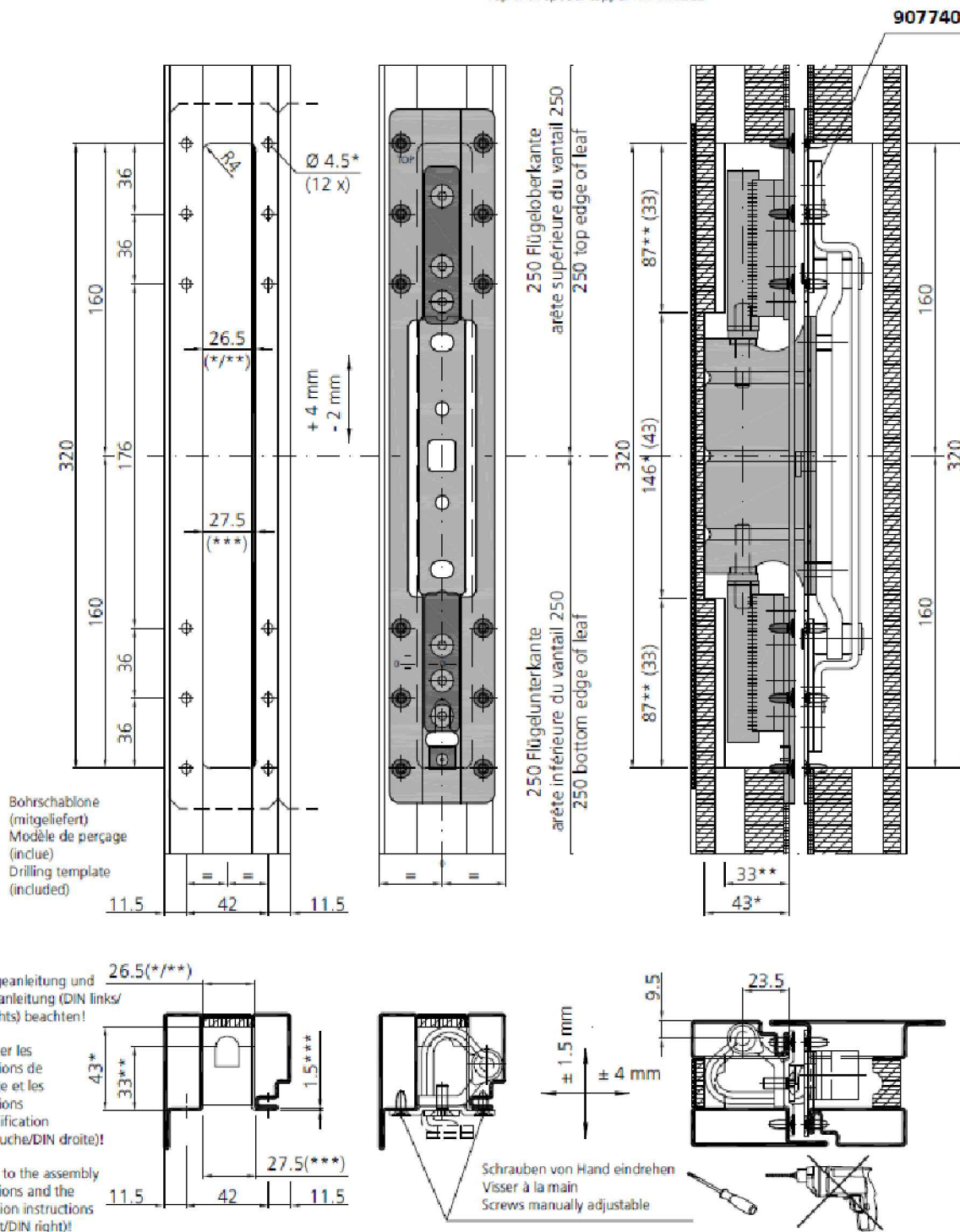
**Concealed screw-on hinge
907740**

Abbildung: DIN rechts
fig.: DIN droite
fig.: DIN right

fl_ep_0009

Rahmen / Cadre / Frame

- * Gewinde mit Gewindeformer M5 909222
- * Tarauder avec taraud M5 909222
- * Tap with special taper M5 909222

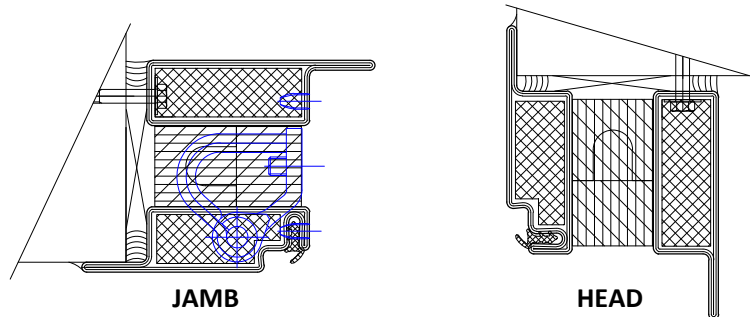


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PERIMETER SEALS / MAINTENANCE

INSTALL PERIMETER SEALS:

The Exterior perimeter weather seal is required, it is created by installing a backer rod / mineral wool fill (as specified on sheets 12-15) between the framing system and the perimeter condition, then applying sealant and tooling it into the joint per the manufacturer's instructions. The Interior cosmetic seal is created in the same manner.



MAINTENANCE INSTRUCTIONS:

The following points have to be checked once annually or after a maximum of 50,000 opening cycles.

RESPONSIBILITY:

Fire door servicing is the responsibility of the operating firm.

GENERAL REQUIREMENTS:

Inspections must be made by a professional fire door inspector.

Defective or faulty parts may only be replaced by an authorized specialist after consultation with the manufacturer of the door. Inspections made and measures taken must be recorded (e.g. in a log book).

DOOR GASKETS:

Seals must be checked for their contact pressure and pliability. Brittle and faulty seals must be replaced along their entire length. The bottom-end drop seal must be checked for proper tripping function and tight contact with the floor.

DOOR HINGES:

Screwed-on and welded door hinges to be re-adjusted with a view to the shadow gap between door leaf and door frame. Be sure that welded hinges are not deformed. Hinge bolts must be greased.

LOCKS, DOOR HANDLES:

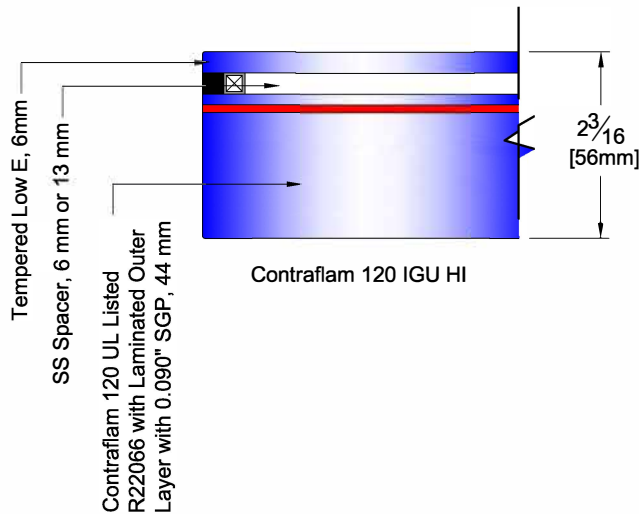
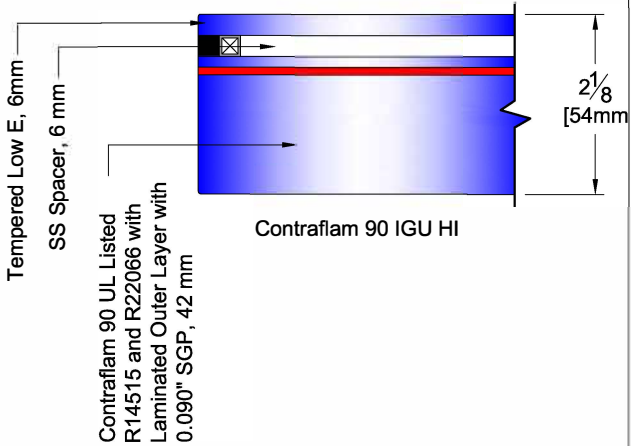
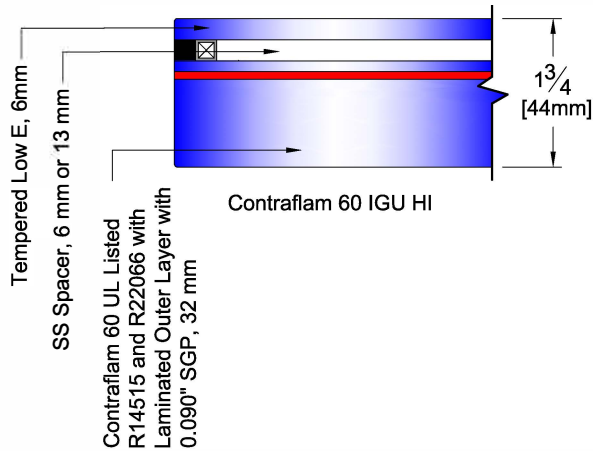
- Check that the latch engages properly.
- Check door lock fixtures.
- Check anti-panic function (where provided).
- Slightly grease latch on both sides.

DOOR CLOSERS:

Door closers have to be adjusted so that the doors will close automatically from any opening angle (for setting, see installation instructions provided for the door closer).

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GLASS MAKE-UPS



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