USE THESE INSTRUCTIONS IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS

166-970 HEAD/SILL RUNNING THRU 166-971 SCREW SPLINE TYPE A 166-972 SHEAR BLOCK

166-973 TYPE B SSG 166-974 TYPE A SCREW SPLINE SSG 166-975 SHEAR BLOCK SSG

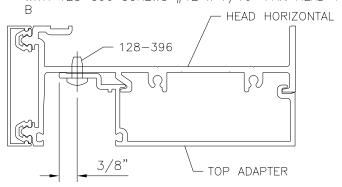
INSTALL FRAMING BEFORE INSTALLING GLASS VENTS

FOR CORRECT EXTRUSIONS USED

SQUARENESS AND DAYLITE OPENING **DIMENSIONS** MUST BE HELD TO WITHIN 1/16" OF NOMINAL FOR THE VENTS TO FIT AND OPERATE PROPERLY.

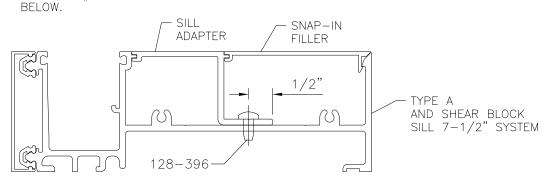
MUST NOT VARY MORE THAN 1/16". FABRICATE AND INSTALL TOP ADAPTER AT HEAD HORIZONTAL

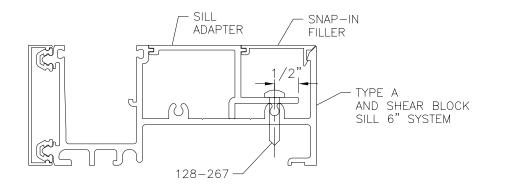
ADAPTER CUT LENGTH = DLO -1/32" DRILL #1 (0.228" DIA.) HOLES IN ADAPTER 3" FROM EACH END AND 9" ON CENTER. USE THE ADAPTER AS A TEMPLATE TO MATCH DRILL #14 (0.182" DIA.) HOLES INTO FRAME AND APPLY ÄDAPÌFR WITH 128-396 SCREWS #12 x 7/16" PAN HEAD TYPE



FABRICATE AND INSTALL BOTTOM ADAPTER AT SHEAR BLOCK / SCREW SPLINE SILL HORIZONTAL

ADAPTER CUT LENGTH = DLO -1/32" DRILL #1 (0.228" DIA.) HOLES IN ADAPTER 3" FROM EACH END AND 9" ON CENTER. USE THE ADAPTER AS A TEMPLATE TO MATCH DRILL #14 (0.182" DIA.) HOLES INTO FRAME AND APPLY ÄDAPTER WITH 128-396 SCREWS #12 x 7/16" PAN HEAD TYPE B OR 128-267 #12 X 1" PAN HEAD TYPE AB AS SHOWN



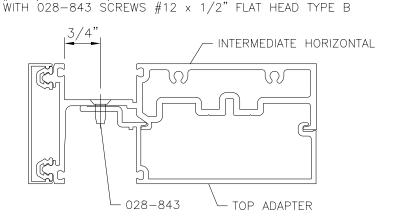


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FABRICATE AND INSTALL TOP ADAPTER AT INTERMEDIATE HORIZONTAL ADAPTER CUT LENGTH = DLO -1/32" DRILL #1 (0.228" DIA.) THRU $0.4\overline{3}8$ " x 82° COUNTERSINK IN HORIZONTAL 3" FROM EACH END AND 9" ON CENTER. USE THE HORIZONTAL AS A TEMPLATE TO MATCH DRILL #14 (0.182" DIA.) HOLES INTO ADAPTER AND APPLY ADAPTER





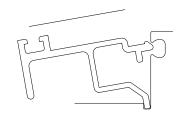
1600 SYSTEM 5 CASEMENT GLASS-VENT INSTALLATION Product Engineering & Development | INSTRUCTIONS

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INSTALL VENT POCKET ADAPTERS

INSTALL **VERTICAL** ADAPTERS FIRST



POCKET ADAPTER CUT LENGTH

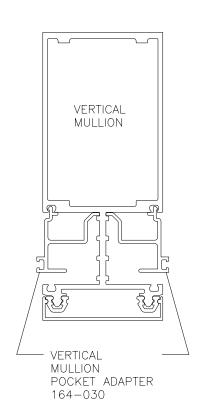
VERTICAL ADAPTERS DLO PLUS 1 3/8"

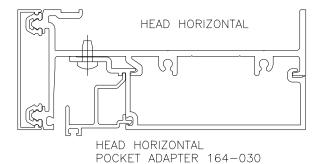
HORIZONTAL ADAPTER DLO MINUS 5/16" CAPTURED VERTICALS AT BOTH ENDS

HORIZONTAL ADAPTER DLO PLUS 2 1/4" SSG VERTICALS AT BOTH ENDS (NOTCH ENDS)

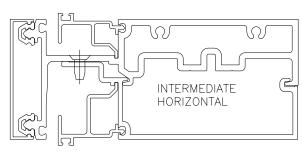
HORIZONTAL ADAPTER DLO PLUS 31/32"

CAPTURED VERTICAL AT ONE END AND SSG VERTICAL AT ONE END (NOTCH)

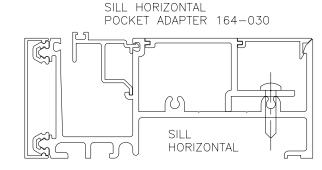




INTERMEDIATE HORIZONTAL POCKET ADAPTER 163-031



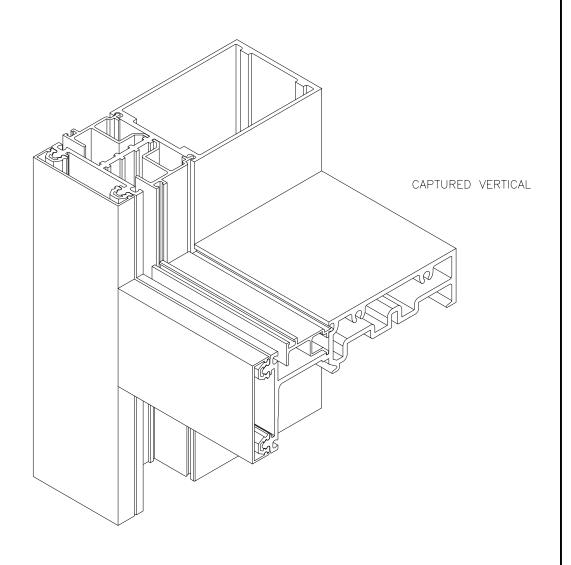
INTERMEDIATE HORIZONTAL POCKET ADAPTER 164-030



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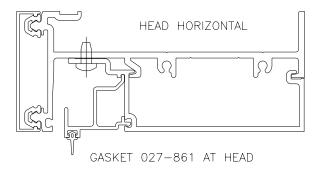


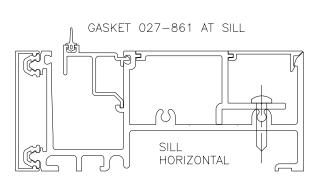
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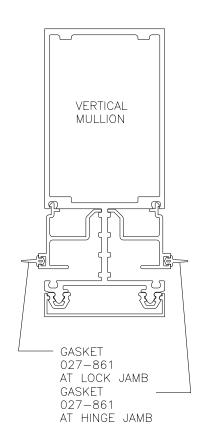
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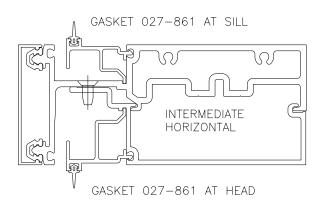
166-989 (SHEET 2 OF 5)

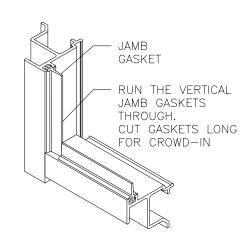
INSTALL PERIMETER VENT GASKETS

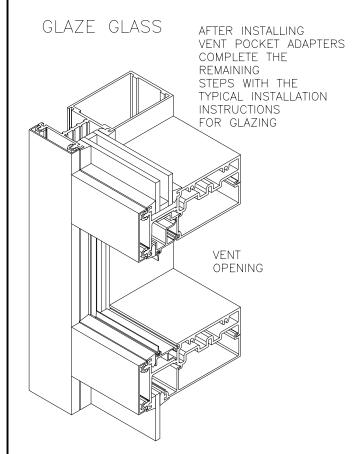












STRUCTURAL VENT GLAZING

STRUCTURAL SEAL - SEALANT TO BE STRUCTURAL TYPE SILICONE AS RECOMMENDED BY THE SEALANT MANUFACTURER.

SEALANT SHALL NOT BE APPLIED UNTIL ALL REQUIRED COMPATIBILITY AND ADHESION TESTING IS COMPLETE.

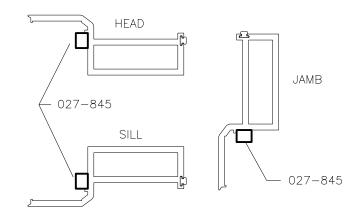
SEALANT MUST BE APPLIED PER THE SEALANT MANUFACTURER'S RECOMMENDATIONS.

EXTERIOR GLASS WEATHER SEAL - SEALANT TO BE A TYPE AS RECOMMENDED BY THE MANUFACTURER

OF THE STRUCTURAL SEALANT BEING USED FOR THIS PROJECT.

SEALANT MUST BE APPLIED PER THE SEALANT MANUFACTURER'S RECOMMENDATIONS.

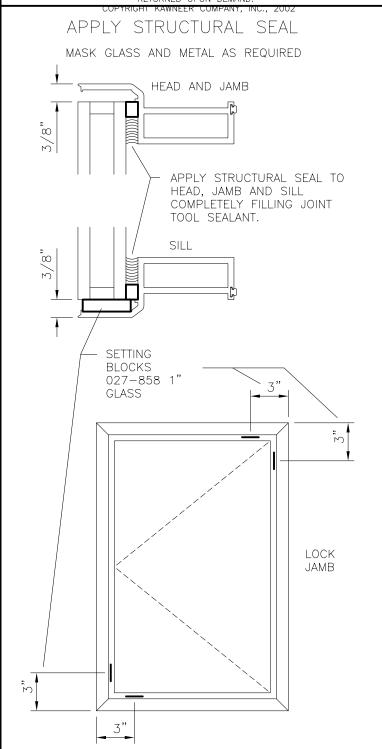
CLEAN VENT GLAZING AND APPLY 027-845 2 SIDED ADHESIVE TAPE AS SHOWN. TEMPORARILY LEAVE THE PROTECTIVE LINER ON



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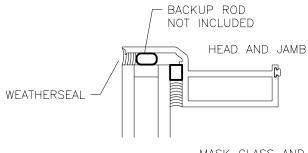


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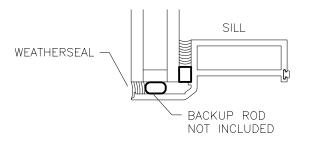
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APPLY WEATHER SEAL







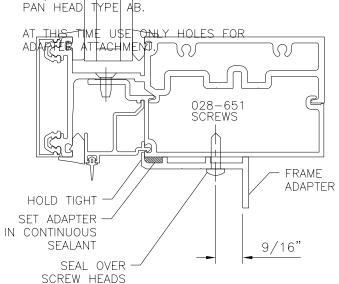
INSTALL VENT FRAME ADAPTERS

VENT FRAME ADAPTERS ARE HANDED. APPROVED SHOP DRAWINGS FOR LOCATION.

HOLD ADAPTERS TIGHT AGAINST MULLION SHOWN. USING HOLES IN ADAPTERS MATCH

DRILL MULLIONS WITH #26 DRILL (0.147" DIA.) AND APPLY WITH 028-651 SCREWS #10

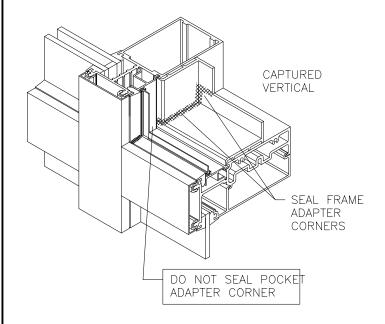
× 3/4"



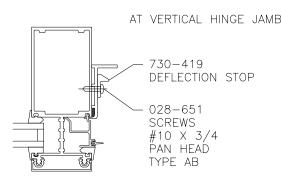
APPLY ADAPTERS TO ALL 4 SIDES AND SEAL CORNERS AS SHOWN.

DO NOT SEAL POCKET ADAPTER CORNERS.

THESE CORNERS ARE FOR WATER DRAINAGE.



INSTALL DEFLECTION STOP



APPLY DEFLECTION STOP USING HOLES IN DRILL HORIZONTAL WITH #26 DRILL (0.147" DIA.) AND APPLY WITH 028-651 SCREWS. ADJUST STOP WAY TO THE EXTERIOR AND SNUG TIGHTEN ADJUSTMENT WILL BE REQUIRED AFTER THE VENT IS

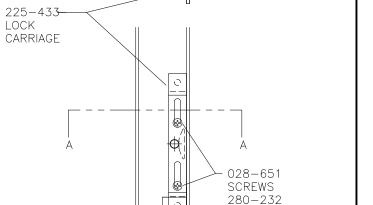
INSSTALLED RISER BLOCK

USING HOLES IN ADAPTERS DRILL WITH #26 DRILL (0.147" DIA.) AND APPLY BLOCK 2215 HAR 2 10 2781 SEGRES 1-SCREWS. SET I SCREWS IN SEALANTBLOCK 028-651 SCREWS $#10 \times 3/4$ " PAN HEAD TYPE AB

INSTALL MULTI-POINT LOCK CARRIAGE AND LOCK ROD

USING HOLES IN ADAPTERS DRILL HORIZONTAL WITH #26 DRILL (0.147" DIA.) AND APPLY LOCK CARRIAGE AND ROD USING 028-651

AND 280-232 SPACERS. SET SCREWS IN SEALANT. 028-651 SECTION SCREWS A-A#10 X 3/4 PAN HEAD TYPE AB



SPACERS

225-461 -225-462 RH

LOCK ROD

028 - 651**SCREWS** 225-433 280-232 LOCK SPACERS CARRIAGE

An Alcoa Company

1600 SYSTEM 5 CASEMENT GLASS VENT INSTALLATION Product Engineering & Development | INSTRUCTIONS

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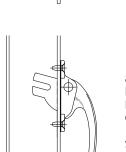
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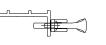
INSTALL MULTI-POINT LOCK

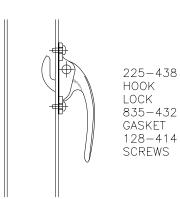




INSTALL HOOK LOCK

AT SINGLE LOCK POINT APPLICATIONS





AFTER VENTS ARE INSTALLED VENT KEEPERS AS REQUIRED

INSTALL GLAZED VENT

BEFORE INSTALLING VENT DRILL #26 (0.147" DIA.) HOLES IN THE MULLIONS USING THE REMAINING ADAPTER HOLES AS PILOTS.

INSTALL THE VENT BY SCREW APPLYING

4-BAR HINGES TO THE JAMBS USING

028-651

SCREWS #10 x 3/4" PAN HEAD TYPE AB.

APPLY SEALANT TO THE SCREWLDHOLLES VENT VERTICAL AND INSTALL

INSTALLING ARM AND SCREWSHIS ATTACHMENT SCREW FIRST

SCREW

028 - 651

ATTACHMENT

THEN ROTATE THE VENT AND INSTALL

028-651 028 - 651128-534 028 - 651THIS ATTACHMENT SCREW. ATTACHMENT FIXING FIXING **ATTACHMENT** SCREW SCREW SCREW SCREW

→ → ◆

POSITION THE SCREWS IN THE CENTER OF 4-BAR HINGE SLOTS.

SHUT THE VENT AND LOCK. CHECK FOR

ALIGNMENT. ADJUST AS REQUIRED BY LOOSENING 028-651 SCREWS.

WITH THE VENT CENTERED DRILL AS ABOVE

INSTALL 028-651 & 128-534 FIXING

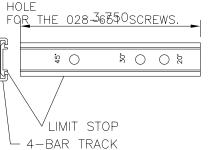
SET THE SCREW IN SEALANT.

INSTALL 4-BAR LIMIT STOPS ON DLO'S 20.500" AND OVER

THE LIMIT STOP IS FURNISHED 3-3/4" LONG. ADJUST AS REQUIRED TO LIMIT OPENING TO APPROXIMATELY 20°, 30° OR

DRILL #26 (0.147" DIA.) HOLES AND INSTALL WITH 028-651 SCREWS. $#10 \times 3/4$ " PAN HEAD TYPE AB.

THE 4-BAR HINGE HAS A PRE-PUNCHED

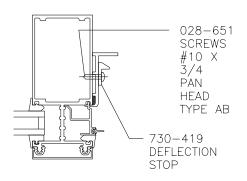


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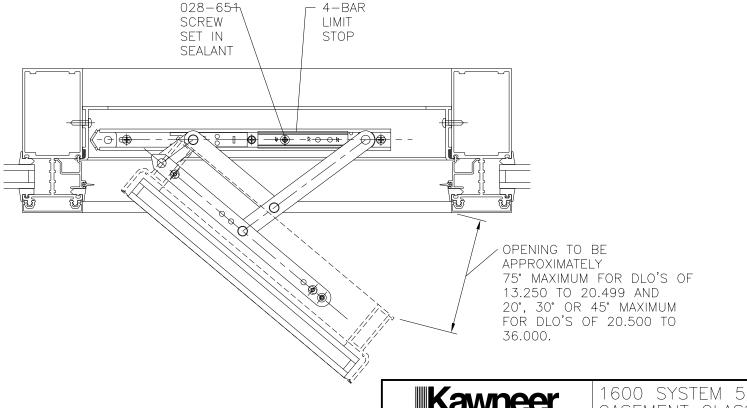
ADJUST DEFLECTION STOP



WITH THE VENT OPEN, LOOSEN SCREWS SO

WILL SLIDE. THEN SLIDE DEFLECTION STOP TOWARDS THE INTERIOR. CLOSE VENT AND

OPEN THE VENT CAREFULLY AND TIGHTEN DEFLECTION STOP SCREW.



CASEMENT GLASS-VENT INSTALLATION Product Engineering & Development | INSTRUCTIONS

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