USE THESE INSTRUCTIONS IN CONJUNCTION WITH INSTALLATION INSTRUCTIONS 171910.

90° OUTSIDE CORNER
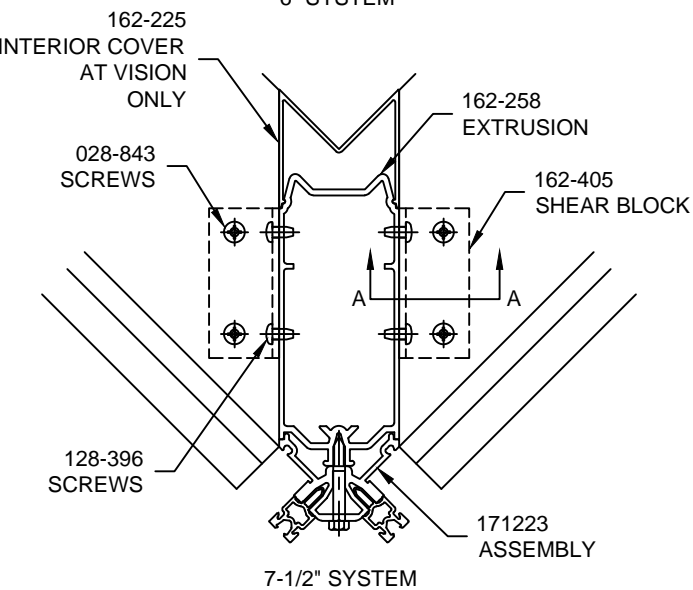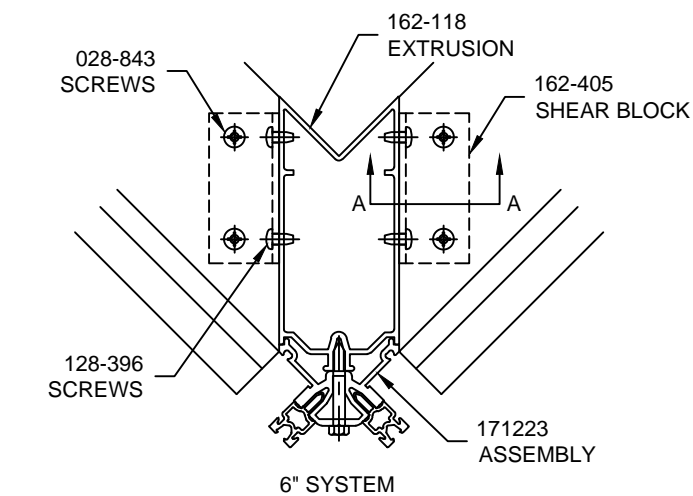
CORNER NOTES:

INSTALL END CAPS PER SHEET #2.

STANDARD JOINT PLUGS AND SEALING METHODS ARE USED UNLESS NOTED OTHERWISE IN THE FOLLOWING DETAILS.

GASKETS, PRESSURE PLATES AND EXTERIOR COVERS ARE INSTALLED AND SEALED THE SAME AS SHOWN IN INSTRUCTIONS 171910.

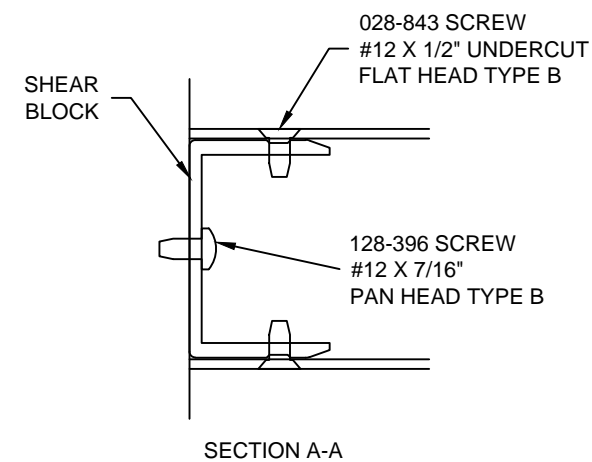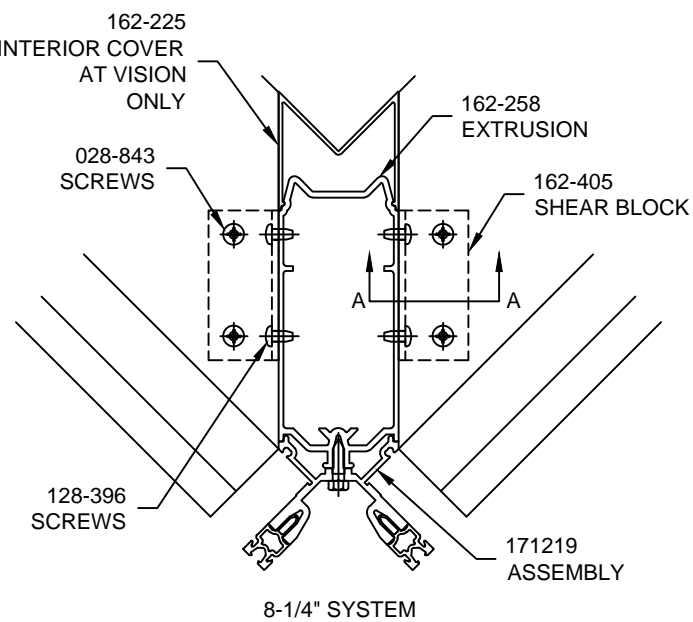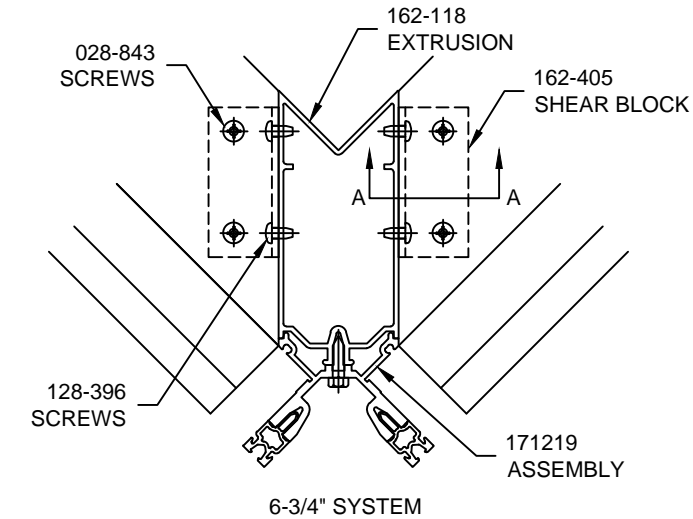GLAZING TEMPORARIES ARE NOT INCLUDED FOR CORNER CONDITIONS.

NOTE:
USE TUBLAR HORIZONTALS WHERE POSSIBLE. WHEN USING OPEN BACK HORIZONTALS AT CORNER MULLIONS, OPEN BACK FILLER AND HORIZONTAL MAY INTERFERE WITH SHEAR BLOCK. NOTCH PARTS FOR CLEARANCE AS NECESSARY.
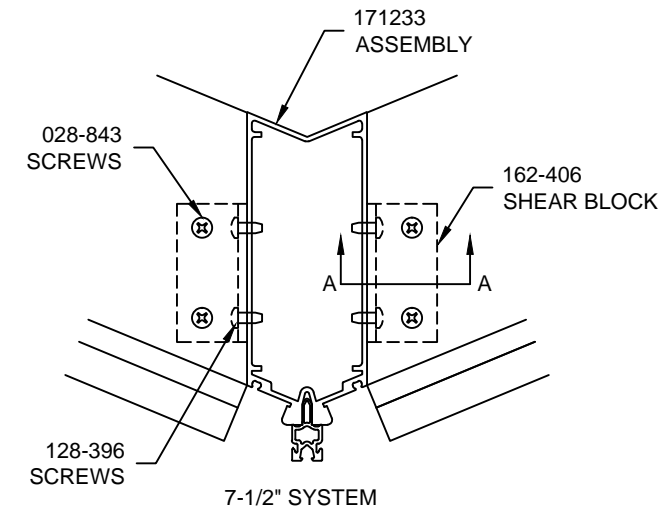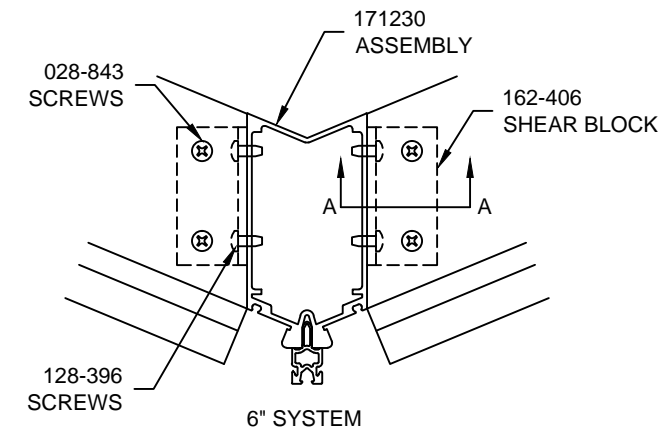
SHEAR BLOCK ASSEMBLY

028-843 SCREWS
162-118 EXTRUSION
162-405 SHEAR BLOCK
128-396 SCREWS
171223 ASSEMBLY

6" SYSTEM

162-225 INTERIOR COVER AT VISION ONLY
028-843 SCREWS
162-258 EXTRUSION
162-405 SHEAR BLOCK
128-396 SCREWS
171223 ASSEMBLY

7-1/2" SYSTEM

90° OUTSIDE CORNER

SHEAR BLOCK ASSEMBLY

028-843 SCREWS
162-118 EXTRUSION
162-405 SHEAR BLOCK
128-396 SCREWS
171219 ASSEMBLY

6-3/4" SYSTEM

162-225 INTERIOR COVER AT VISION ONLY
028-843 SCREWS
162-258 EXTRUSION
162-405 SHEAR BLOCK
128-396 SCREWS
171219 ASSEMBLY

8-1/4" SYSTEM

028-843 SCREW #12 X 1/2" UNDERCUT FLAT HEAD TYPE B
SHEAR BLOCK
128-396 SCREW #12 X 7/16" PAN HEAD TYPE B

SECTION A-A

135° OUTSIDE CORNER

SHEAR BLOCK ASSEMBLY

028-843 SCREWS
171230 ASSEMBLY
162-406 SHEAR BLOCK
128-396 SCREWS

6" SYSTEM

171233 ASSEMBLY
028-843 SCREWS
162-406 SHEAR BLOCK
128-396 SCREWS

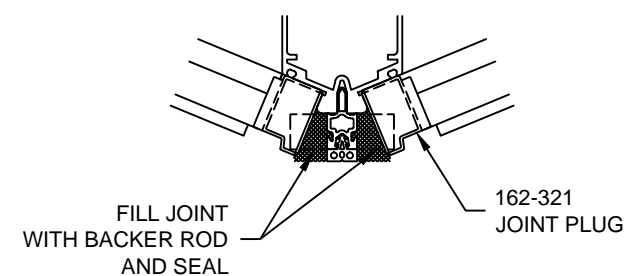7-1/2" SYSTEM

ADDITIONAL SEAL FOR ABOVE CORNER MULLIONS

AT JOINT PLUGS FILL VOID BETWEEN THERMAL SEPARATOR AND JOINT PLUG WITH BACKER ROD AND SEALANT.

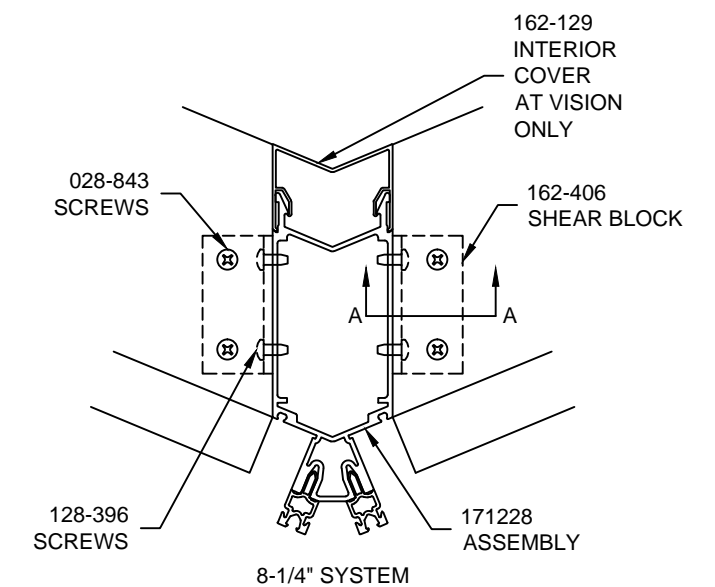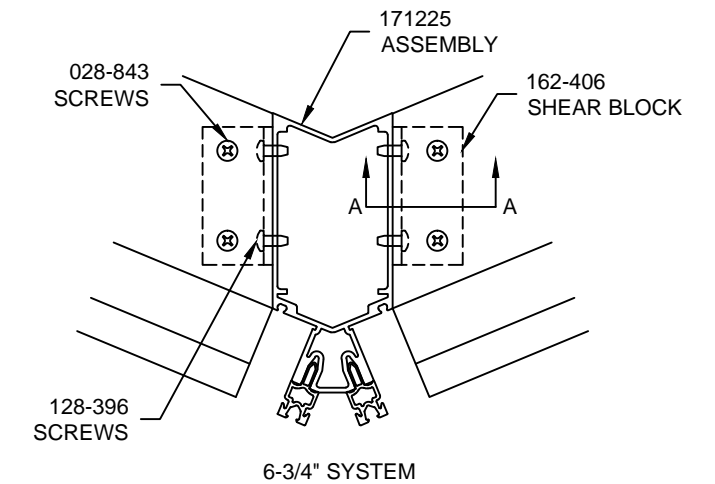SEAL AT THE SAME TIME AS THE TYPICAL INSTRUCTIONS DO.

FILL JOINT WITH BACKER ROD AND SEAL
162-321 JOINT PLUG

135° OUTSIDE CORNER

SHEAR BLOCK ASSEMBLY

028-843 SCREWS
171225 ASSEMBLY
162-406 SHEAR BLOCK
128-396 SCREWS

6-3/4" SYSTEM

028-843 SCREWS
162-129 INTERIOR COVER AT VISION ONLY
162-406 SHEAR BLOCK
128-396 SCREWS
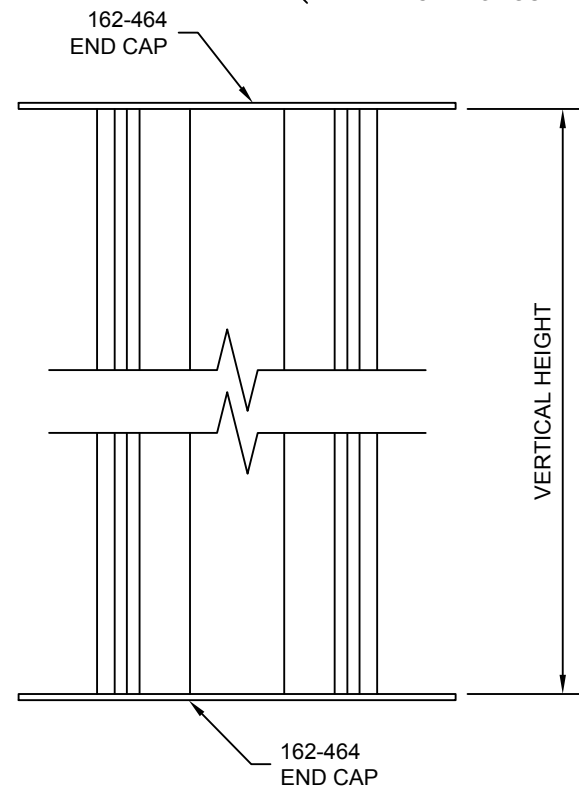171228 ASSEMBLY

8-1/4" SYSTEM

KAWNEER

1600UT SYSTEM 1 CORNER INSTRUCTIONS

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171918 (SHEET 01 OF 03)

90° OUTSIDE CORNER
MULLION END CAPS

1" FRAMING

INSTALL END CAPS
162-464 AT TOP AND
BOTTOM SET IN
PLACE WITH SEALANT

END CAP LOCATION
FROM FACE OF
VERTICAL TONGUE

7/32

162-464
END CAP

VERTICAL HEIGHT

162-464
END CAP

135° OUTSIDE CORNER
MULLION END CAPS

1-3/4" FRAMING
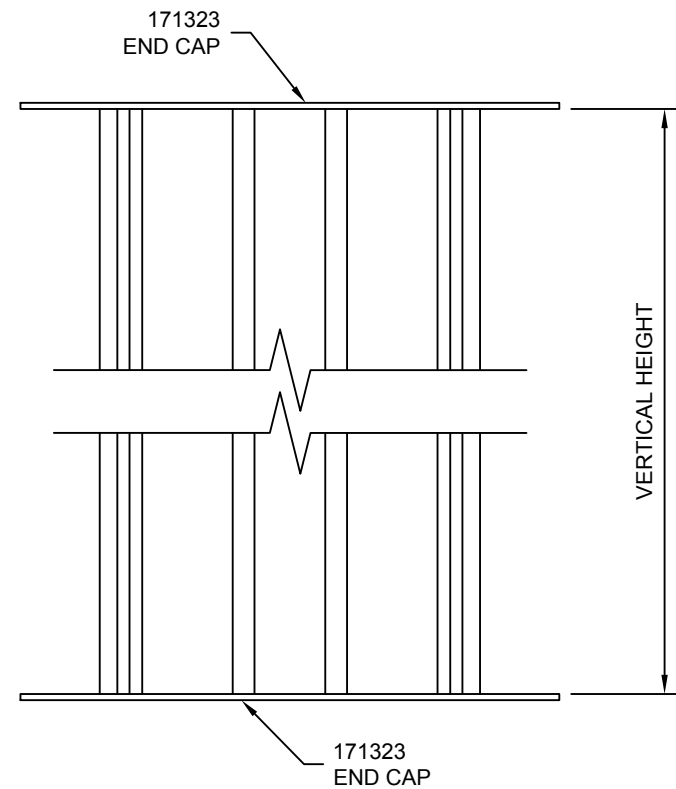
INSTALL END CAPS
171323 AT TOP AND
BOTTOM SET IN
PLACE WITH SEALANT

END CAP LOCATION
FROM FACE OF
VERTICAL TONGUE

7/32

171323
END CAP

VERTICAL HEIGHT

171323
END CAP

1-3/4" FRAMING

135° OUTSIDE CORNER
MULLION END CAPS
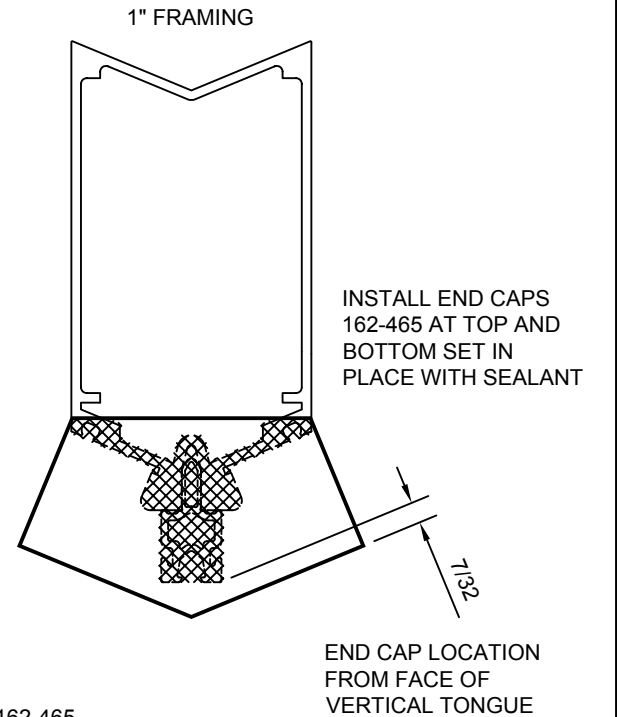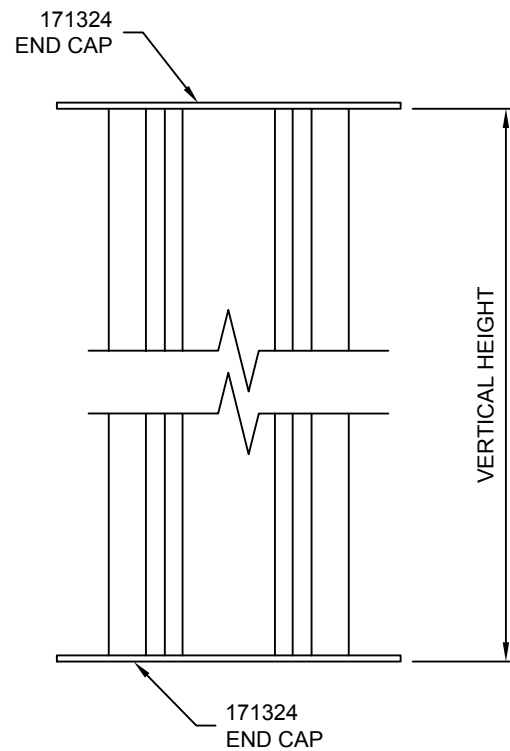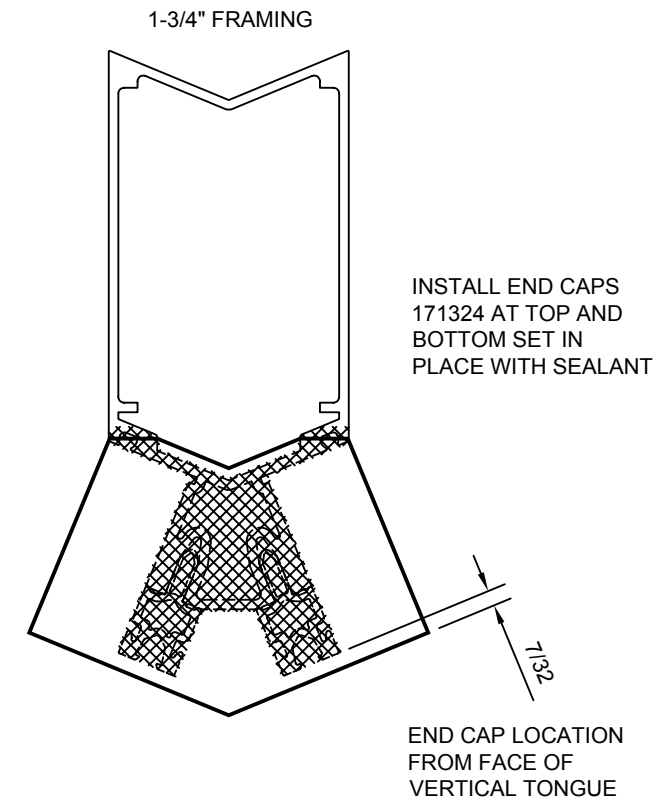
INSTALL END CAPS
171324 AT TOP AND
BOTTOM SET IN
PLACE WITH SEALANT

7/32

END CAP LOCATION
FROM FACE OF
VERTICAL TONGUE

171324
END CAP

VERTICAL HEIGHT

171324
END CAP

1" FRAMING

INSTALL END CAPS
162-465 AT TOP AND
BOTTOM SET IN
PLACE WITH SEALANT

7/32

END CAP LOCATION
FROM FACE OF
VERTICAL TONGUE

162-465
END CAP

VERTICAL HEIGHT

162-465
END CAP

KAWNEER

1600UT SYSTEM 1 CORNER INSTRUCTIONS
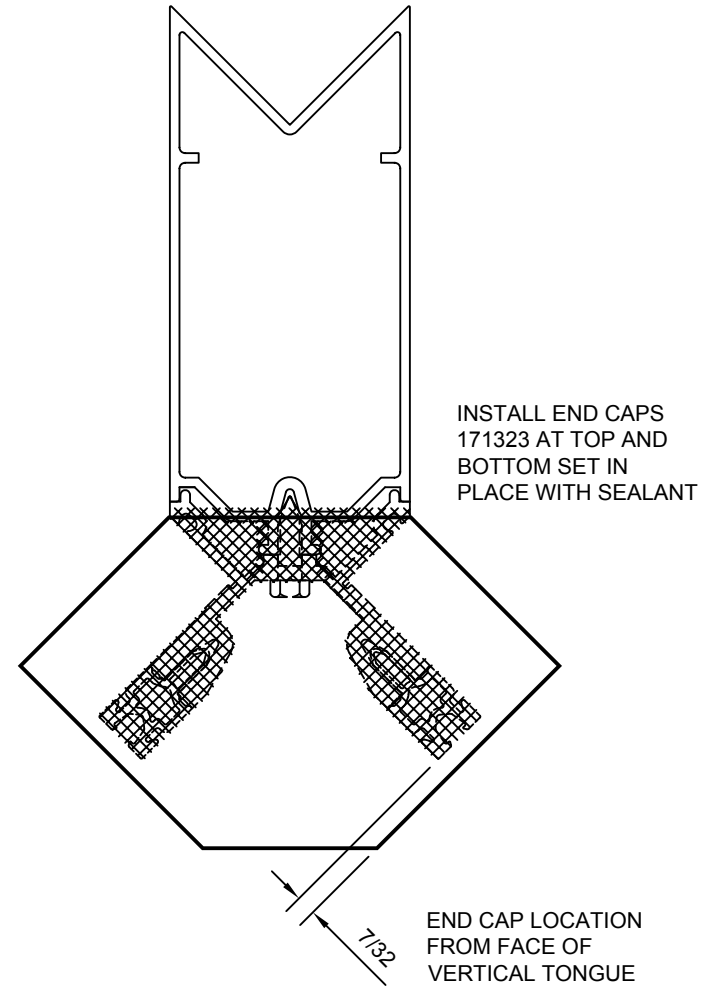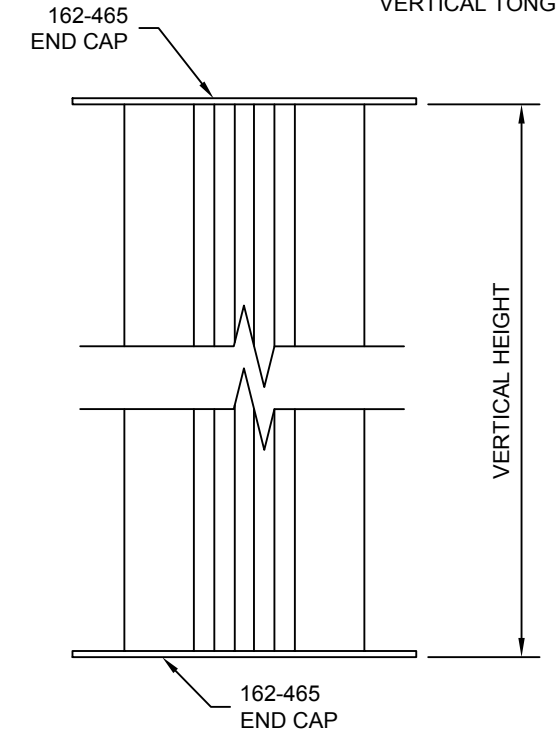
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90° OUTSIDE CORNER
1" FRAME
VERTICAL SPLICE

OTHERS SIMILAR

VERTICAL COVERS
ARE NOTCHED TO
ACCEPT SLEEVE

162-411
171314 (1-3/4" FRAME)
COVER SLEEVE

REFERENCE 171910 INSTALLATION
INSTRUCTIONS FOR SEALANT
APPLICATIONS.

162-415 / 171318 (1-3/4" FRAME)
PRESSURE PLATE SLEEVE
ATTACH TO TOP OF PRESSURE
PLATE PRIOR TO INSTALLATION
SET SLEEVE IN SEALANT

MATCH DRILL .185" DIA.
HOLE (#13 DRILL) IN PR PL SLEEVE
AND ATTACH WITH 977-083
SCREWS AND SEAL OVER HEADS

NOTE:
WHEN APPLYING CORNER
PRESSURE PLATES, PARTIALLY
INSTALL SCREWS ON BOTH SIDES
AND TIGHTEN DOWN TOGETHER.
HOLES ARE OFF DUE TO GASKET
DESIGN FOR COMPRESSION
REQUIREMENTS. AS GASKET
COMPRESSES, HOLES WILL ALIGN.

FIELD SEAL MULLION JOINT
APPLY BOND BREAKER TAPE
TO FACE OF SLEEVE
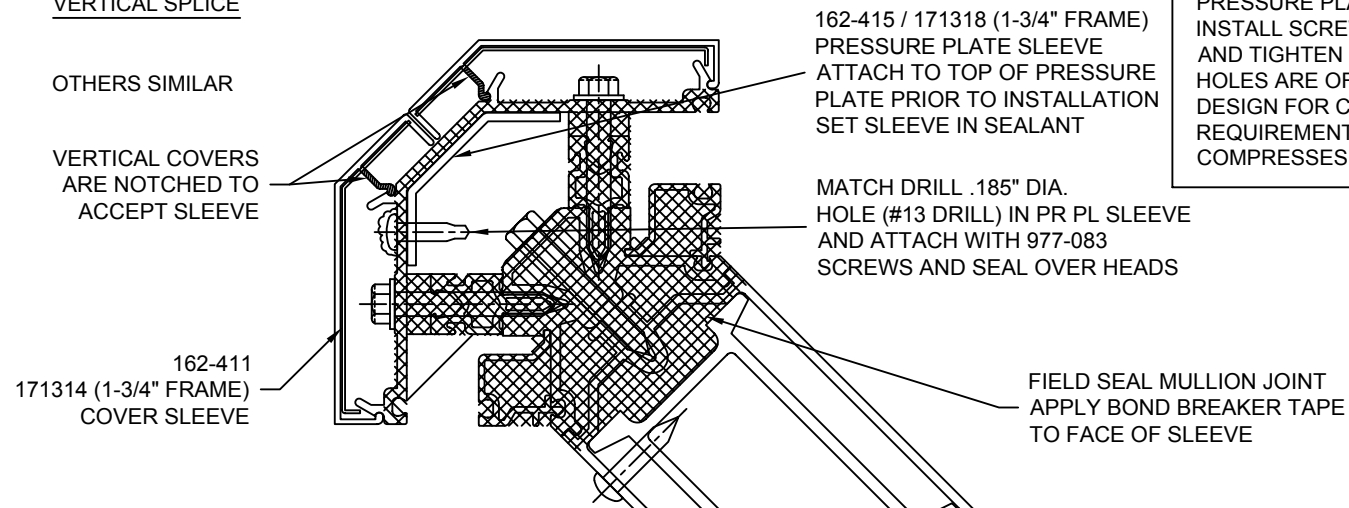
GLASS AND GASKETS NOT
SHOWN FOR CLARITY

90°

FIELD SEAL MULLION JOINT
APPLY BOND BREAKER TAPE
TO FACE OF SLEEVE

FIELD APPLY SLEEVE

FIELD APPLY 128-348
FIXING SCREWS

FIELD APPLY 128-267
STOP SCREWS
ATTACH TO MULLION
PRIOR TO INSTALLATION

PRESSURE PLATE SLEEVE ATTACHMENT

BOTTOM OF PRESSURE PLATE SLEEVE

FIELD SEAL PRESSURE PLATE JOINT
APPLY BOND BREAKER TAPE
TO FACE OF SLEEVE

FIELD SEAL COVER
SLEEVE IN TOP OF
BOTTOM COVER

1/2"
1"
1/2"
1"
5 1/2"
1 5/8" COVER NOTCH
1" COVER NOTCH
1/2"

KAWNEER

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1600UT SYSTEM 1
CORNER
INSTRUCTIONS

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