

HANDLING, STORING, AND PROTECTION OF ALUMINUM

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 the 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 NOTES

The following practices are recommended for all installations:

A. CHECK SHOP DRAWINGS and INSTALLATION 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. 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.

D. Isolate all aluminum to be placed directly in contact with uncured masonry or incompatible materials with a heavy coat of zinc chromate or bituminous paint.

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.

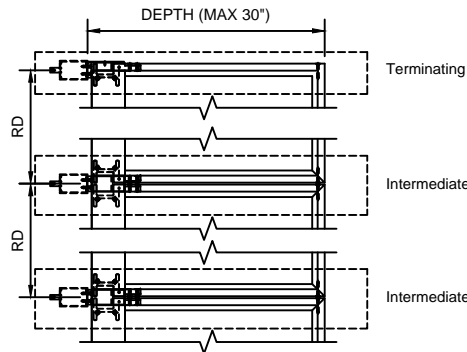
H. CHECK OPENINGS - Make certain that the opening which will receive your materials is in accordance with the contract documents. If not, notify the GENERAL CONTRACTOR IN WRITING and resolve differences before proceeding with your work.

IMPORTANT NOTE:

THE INSTRUCTIONS BELOW APPLY TO CORNER LIGHTSHELVES ONLY. PLEASE REFER TO APPLICATION SPECIFIC DRAWINGS FOR MISCELLANEOUS CONDITIONS.

FOR 2 1/2" SIGHTLINE SYSTEM CORNER REFERENCE DIMENSION = REFERENCE DIMENSION + 1 1/4"

FOR 2" SIGHTLINE SYSTEM CORNER REFERENCE DIMENSION = REFERENCE DIMENSION + 1"



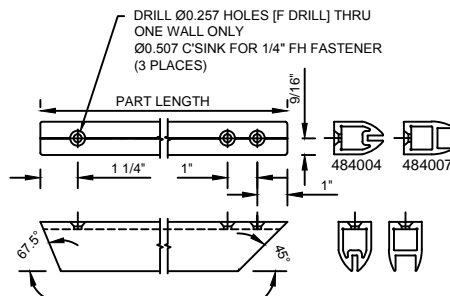
PANEL SIZING

PANEL SIZE AT CORNER INTERMEDIATE LOCATION:
LENGTH = CORNER REFERENCE DIMENSION - 7 13/16"
WIDTH = DEPTH - 5 3/4"

PANEL SIZE AT CORNER TERMINATING LOCATION:
LENGTH = CORNER REFERENCE DIMENSION - 6 13/16"
WIDTH = DEPTH - 5 3/4"

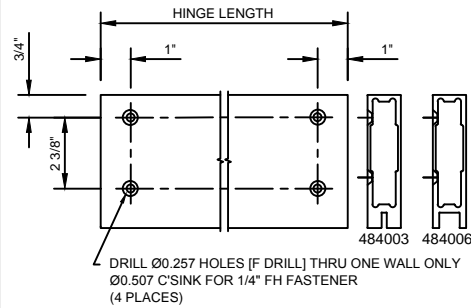
90 OUTSIDE CORNER OUTRIGGER FABRICATION

CORNER OUTRIGGER LENGTH = (DEPTH - 5") / 0.707



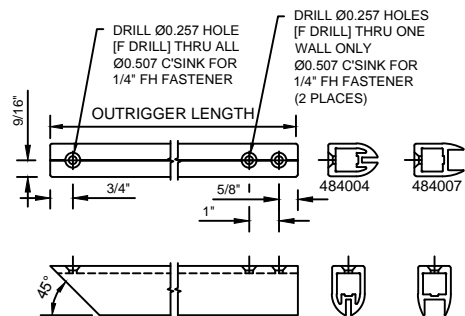
HINGE FABRICATION

HINGE LENGTH AT CORNER INTERMEDIATE = CORNER REFERENCE DIMENSION - 7 5/8"
HINGE LENGTH AT CORNER TERMINATING = CORNER REFERENCE DIMENSION - 6 5/8"



OUTRIGGER FABRICATION

OUTRIGGER LENGTH AT CORNER = DEPTH - 5"



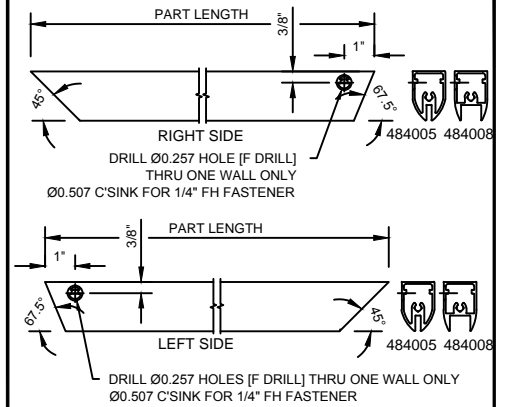
FASCIA FABRICATION

FASCIA LENGTH AT CORNER INTERMEDIATE = CORNER REFERENCE DIMENSION - DEPTH - 0.362"
FASCIA LENGTH AT CORNER TERMINATING = CORNER REFERENCE DIMENSION - DEPTH - 0.638"

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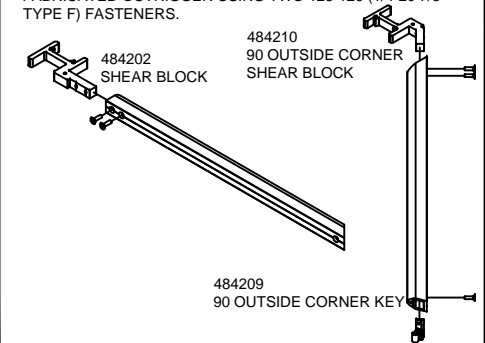
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90 OUTSIDE CORNER PANEL ASSEMBLY

STEP 1

ATTACH 90 OUTSIDE CORNER SHEAR BLOCK AND 90 OUTSIDE CORNER KEY TO FABRICATED 90 OUTSIDE CORNER OUTRIGGER USING THREE 128-126 (1/4-20 7/8" TYPE F) FASTENERS. ATTACH SHEAR BLOCK TO FABRICATED OUTRIGGER USING TWO 128-126 (1/4-20 7/8" TYPE F) FASTENERS.



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CORNER
INSTALLATION
INSTRUCTIONS

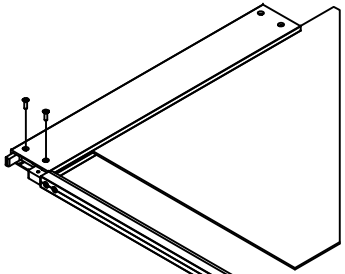
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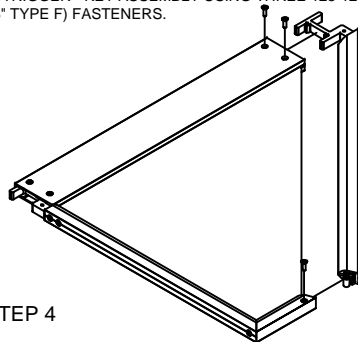
STEP 2

INSERT SHEAR BLOCK- CORNER OUTRIGGER ASSEMBLY INTO HINGE, AND FASTEN USING TWO 128-126 (1/4-20 7/8" TYPE F) FASTENERS. INSERT PANEL AND ATTACH FASCIA USING 904208 (1/4-20 2" TYPE F) FASTENERS.



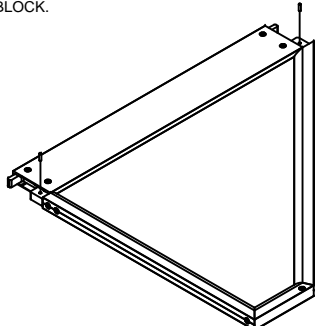
STEP 3

INSERT PANEL AND ATTACH CORNER SHEAR BLOCK-OUTRIGGER - KEY ASSEMBLY USING THREE 128-126 (1/4-20 7/8" TYPE F) FASTENERS.



STEP 4

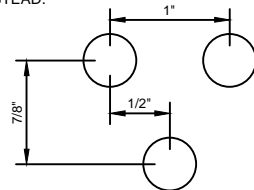
INSERT ONE 128-127 (1/4-20 3/4") SET SCREW INTO EACH SHEAR BLOCK . ROTATE SET SCREWS UNTIL IT PROTRUDES 1/16" FROM THE BOTTOM SURFACE OF THE BLOCK.



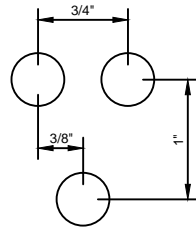
INSTALLATION

STEP 1

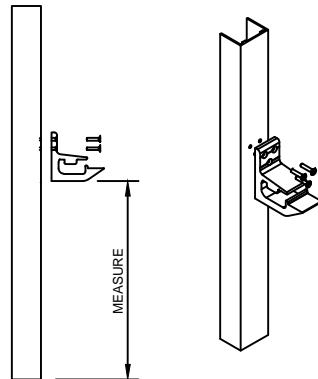
LOCATE ANCHOR. USE JIG OR MATCH DRILL TWO 0.221" [#2 DRILL] HOLES. FASTEN ANCHOR TO SUBSTRATE USING 904-150 (1/4-20 1 1/4" TYPE F) FASTENERS. FOR TERMINATING CONDITION, INSTALL JAMB ANCHOR INSTEAD.



INTERMEDIATE HOLE PATTERN

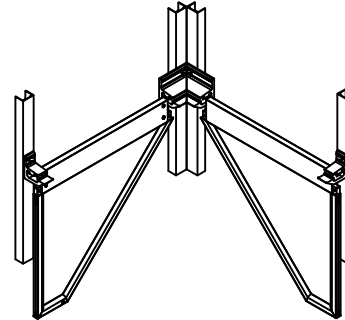


CORNER HOLE PATTERN



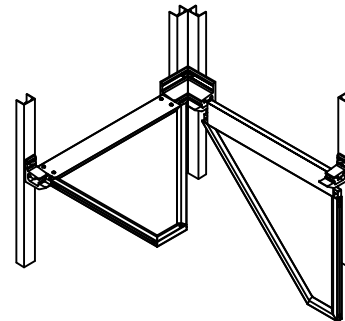
STEP 2

HANG PANELS FROM ANCHORS (SEE 484970 INSTALLATION INSTRUCTIONS FOR INTERMEDIATE PANELS).



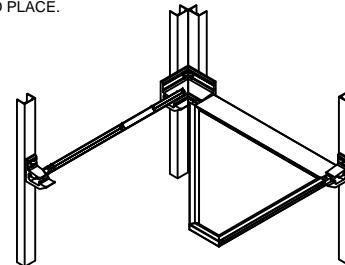
STEP 3

LIFT ONE CORNER PANEL INTO PLACE (SEE INSTALLATION INSTRUCTIONS FOR INTERMEDIATE PANELS).



STEP 4

LIFT PANEL HIGH ENOUGH TO MANEUVER SECOND PANEL INTO PLACE.



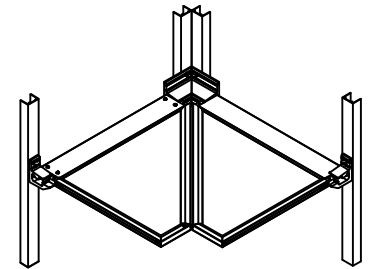
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STEP 5

LOWER FIRST PANEL INTO PALCE AND ROTATE SET SCREWS TO LEVEL AND ALIGN PANELS.



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