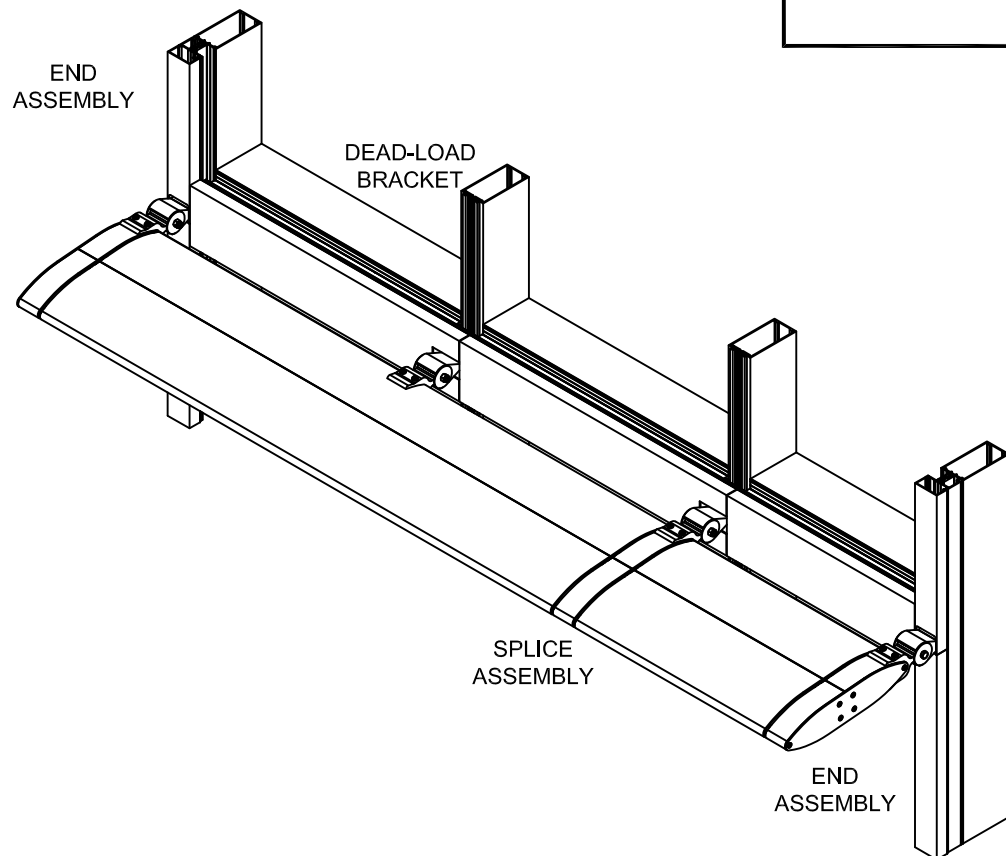


THE FOLLOWING INSTRUCTIONS ARE FOR THE INSTALLATION OF THE KAWNEER VERSOLEIL SINGLE BLADE SUNSHADE. USE THESE INSTRUCTIONS IN CONJUNCTION WITH 1600 SYSTEM 2 CURTAIN WALL INSTALLATION INSTRUCTIONS (162971) OR 1600 SCREW SPLINE SSG CURTAIN WALL INSTALLATION INSTRUCTIONS (169971).

THE TERMS "INSIDE" AND "OUTSIDE" ARE USED EXTENSIVELY IN THESE INSTRUCTIONS. THESE TERMS DO NOT REFER TO THE INTERIOR AND EXTERIOR OF THE BUILDING. THE TERMS REFER TO THE RELATIVE POSITION OF WORK PERFORMED ON THE SUNSHADE FROM AN ELEVATION PERSPECTIVE. SIMILARLY, THE TERMS "RIGHT" AND "LEFT" ARE USED.

NOTE: A 3/4" PERIMETER JOINT IS REQUIRED FOR BOLT HEAD CLEARANCE AND BLADE INSTALLATION WHEN THE BUILDING CONDITION EXTENDS BEYOND THE BRACKET.

ELEVATION FRONT VIEW OF SINGLE BLADE SUNSHADE



**FRAME ASSEMBLY**

VERTICAL MULLIONS AND INTERMEDIATE HORIZONTALS WILL BE LABELED DESIGNATING POSITION AND ORIENTATION. THESE DESIGNATIONS MUST BE IDENTIFIED AND MATCHED TO SHOP DRAWINGS BEFORE PROCEEDING WITH ANY ASSEMBLY. FAILURE TO PROPERLY ORIENT OR POSITION THE VERTICAL MULLIONS AND INTERMEDIATE HORIZONTALS WILL PROHIBIT INSTALLATION OF THE SUNSHADE.

**INSTALL 162310 THERMAL BREAK**

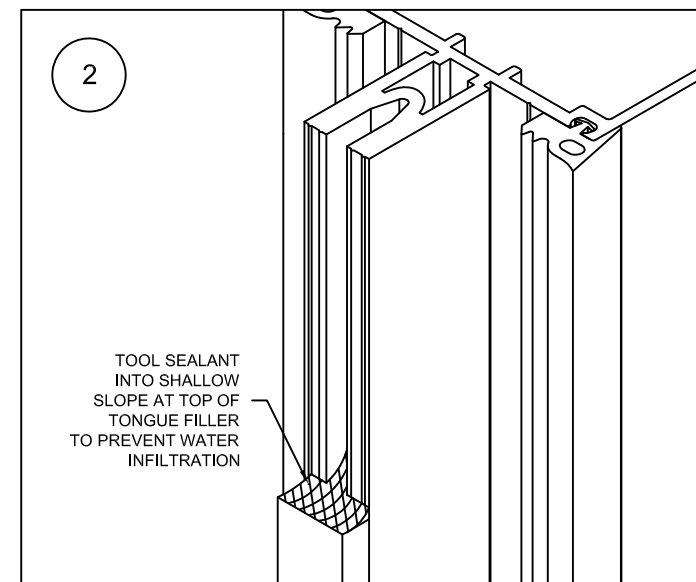
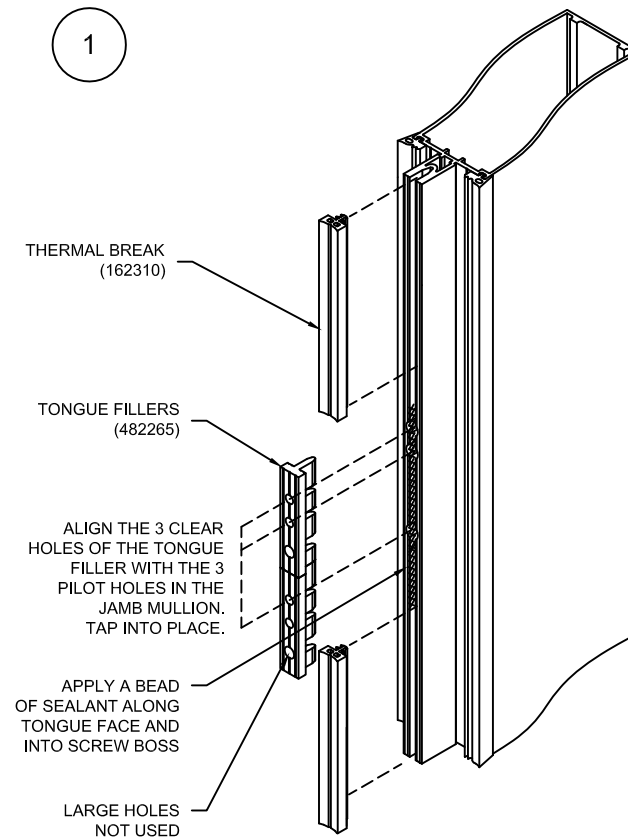
SUNSHADES REQUIRE THE USE OF TWO TONGUE FILLERS (482265) AT EACH MOUNTING BRACKET LOCATION ON THE JAMB VERTICALS, AND FOUR TONGUE FILLERS (482265) AT EACH MOUNTING BRACKET LOCATION AT INTERMEDIATE VERTICALS. CHECK APPROVED SHOP DRAWINGS FOR POSITION OF BRACKETS.

FOR EACH LOCATION OF A JAMB MOUNTING BRACKET, THE JAMB MULLION HAS BEEN PREPPED WITH THREE PILOT HOLES. RUN A BEAD OF SEALANT ALONG THE TONGUE FACE AND INTO THE SCREW BOSS AT EACH TONGUE FILLER LOCATION AND TAP TONGUE FILLER INTO PLACE. ALIGN THE CLEAR HOLES OF THE TONGUE FILLERS WITH THE THREE HOLES IN THE JAMB. ADJUST TONGUE FILLER UNTIL HOLES ARE IN PROPER ALIGNMENT. TOOL EXCESS SEALANT. SEE DETAIL 1.

RUN A BEAD OF SEALANT ACROSS THE TOP OF THE TONGUE FILLER. SEE DETAIL 2. TOOL SEALANT INTO A SHALLOW SLOPE TO PREVENT POSSIBLE WATER INFILTRATION. BE SURE TO FILL THE GAP BETWEEN THE "NOSE" OF THE TONGUE FILLER AND THE GROOVE OF THE TONGUE. DO NOT ALLOW SEALANT TO CURE PRIOR TO INSTALLING THERMAL BREAK (162310).

INSERT THERMAL BREAK (162310) ALONG THE FULL LENGTH OF THE VERTICAL JAMB TONGUE WITH THE EXCEPTION OF THE TONGUE FILLER LOCATIONS. SEE DETAIL 1. TRIM FLUSH AT TOP AND BOTTOM OF TONGUE FILLER. DO NOT OVERLAP. SEAL BETWEEN TONGUE FILLERS AND THERMAL BREAK AND TOOL SEALANT.

SUNSHADES LOCATED AT INTERMEDIATE VERTICALS ARE FASTENED TO THE ADJACENT DOUBLE-TONGUED 6" HORIZONTALS AND REQUIRE FOUR (4) TONGUE FILLERS (482265). TWO (2) TONGUE FILLERS WILL BE LOCATED ON EACH SIDE OF THE INTERMEDIATE VERTICAL.



CHECK APPROVED SHOP DRAWINGS FOR POSITION OF BRACKETS. FOR EACH LOCATION OF A MOUNTING BRACKET, THE 6" HORIZONTALS HAVE BEEN PREPPED WITH TWO (2) PILOT HOLES, ONE IN EACH TONGUE. RUN A BEAD OF SEALANT ALONG THE TONGUE FACE AND INTO THE SCREW BOSS AT EACH TONGUE FILLER LOCATION AND TAP TONGUE FILLER INTO PLACE. ALIGN THE LARGE CLEAR HOLE IN THE TONGUE FILLERS WITH THE HOLES IN THE 6" HORIZONTAL TONGUES. ADJUST TONGUE FILLER UNTIL HOLES ARE IN PROPER ALIGNMENT. TOOL EXCESS SEALANT. SEE DETAIL 3.

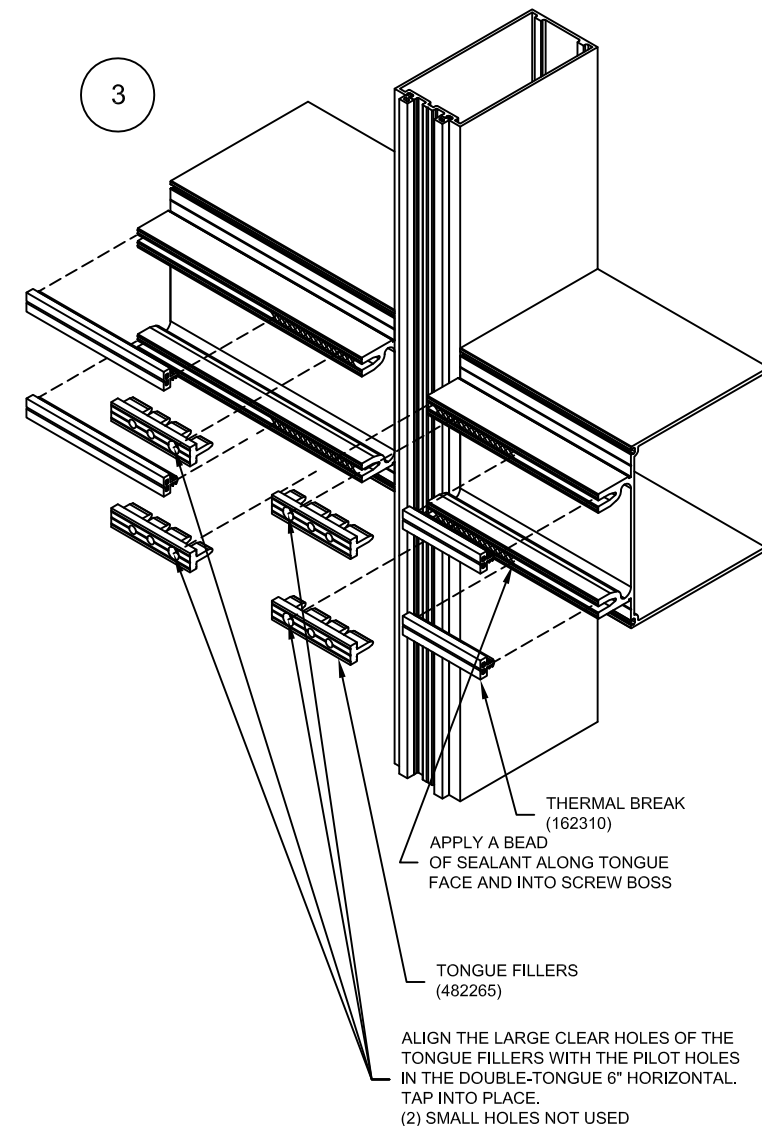
INSERT THERMAL BREAK (162310) ALONG FULL LENGTH OF HORIZONTAL TONGUES WITH THE EXCEPTION OF THE TONGUE FILLER LOCATIONS. SEE DETAIL 3. SEAL BETWEEN TONGUE FILLERS AND THERMAL BREAK, TOOL EXCESS SEALANT.

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TRIM FLUSH AT TONGUE FILLER. DO NOT OVERLAP.

NOTE: THERMAL BREAK TO STOP 1/4" FROM END OF HORIZONTAL AT CAPTURED JAMB VERTICALS, PER STANDARD INSTALLATION INSTRUCTIONS.



**KAWNEER** VERSOLEIL HORIZONTAL  
SINGLE BLADE  
1600 SYSTEM 2 / 1600 SS SSG  
INSTALLATION INSTRUCTIONS

**INSTALL EXTERIOR PRESSURE PLATES**

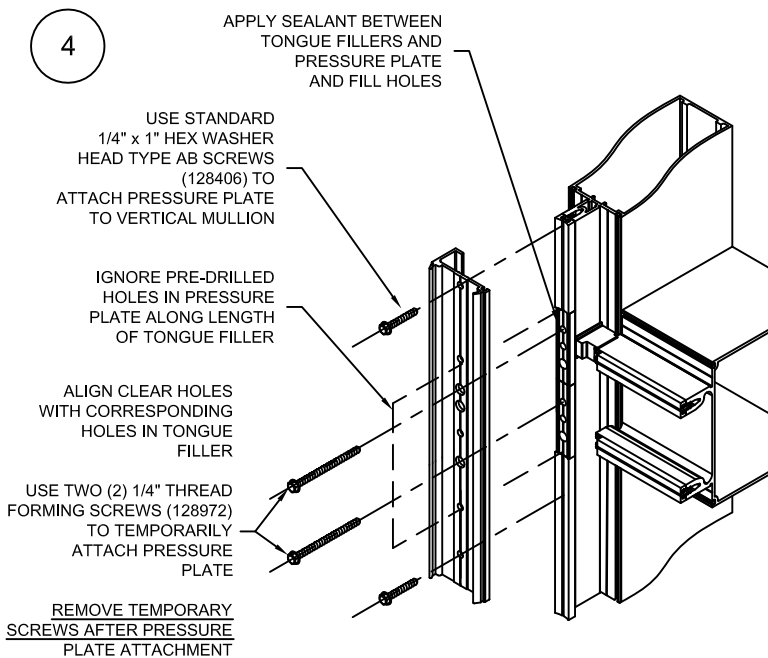
PRESSURE PLATES WILL BE PREPPED FOR THE SUNSHADES PRIOR TO SHIPMENT TO THE JOB SITE. JAMB VERTICAL PRESSURE PLATE PREP WILL CONSIST OF THREE CLEAR HOLES PER SUNSHADE MOUNTING BRACKET. HORIZONTAL PRESSURE PLATE PREP WILL CONSIST OF FOUR CLEAR HOLES PER SUNSHADE MOUNTING BRACKET. CLEAR HOLES IN PRESSURE PLATE MUST BE ALIGNED WITH CORRESPONDING CLEAR HOLES IN TONGUE FILLER. SEE DETAIL 4 FOR JAMB. SEE DETAIL 5 AT INTERMEDIATE VERTICALS.

AT JAMBS:

APPLY SEALANT BETWEEN TONGUE FILLERS, JOINT PLUGS AND PRESSURE PLATES, PRIOR TO PRESSURE PLATE INSTALLATION. NOTE THAT A JOINT PLUG ON THE LOWER TONGUE OF THE 6" HORIZONTAL IS NOT REQUIRED.

TO ENSURE ALIGNMENT, INSERT TWO (2) 1/4" THREAD FORMING SCREWS (128972) THROUGH THE CENTER OF THE CLEAR HOLES IN BOTH THE TOP AND BOTTOM POSITION AS TEMPORARIES (FINGER TIGHTEN).

INSTALL PRESSURE PLATES USING STANDARD 1/4" x 1" HEX WASHER HEAD TYPE AB SCREWS (128406). USE ONLY PRE-DRILLED HOLES IN PRESSURE PLATE AND APPLY ONLY THROUGH THERMAL BREAK (162310). DO NOT SCREW INTO TONGUE FILLERS (482265).



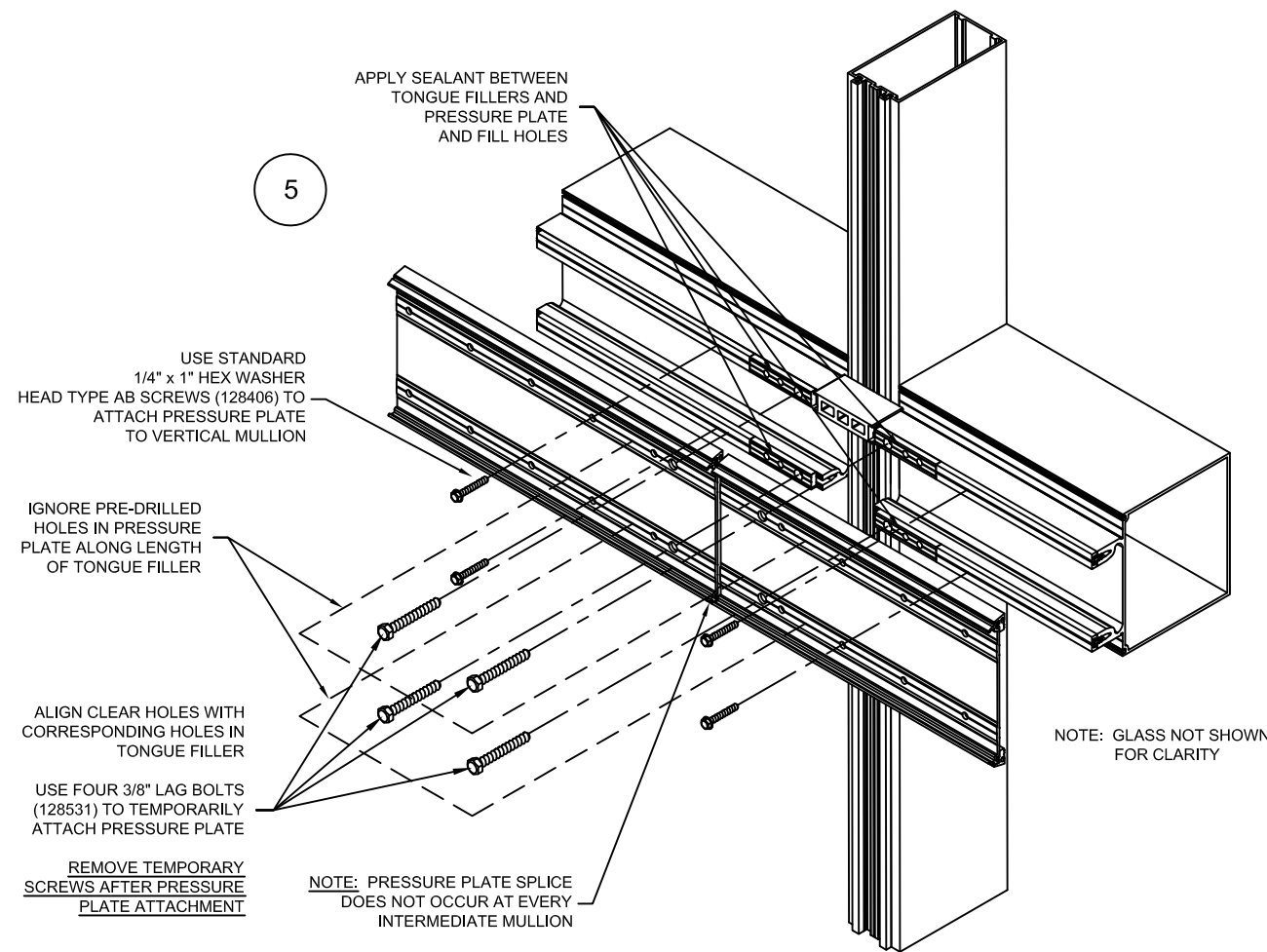
NOTE: GLASS AND GASKETS NOT SHOWN FOR CLARITY  
LEFT JAMB SHOWN, RIGHT JAMB OPPOSITE

AT INTERMEDIATE VERTICALS:

APPLY SEALANT BETWEEN TONGUE FILLERS, JOINT PLUGS AND PRESSURE PLATES, PRIOR TO PRESSURE PLATE INSTALLATION.

TO ENSURE ALIGNMENT, INSERT FOUR (4) 3/8" LAG BOLTS (128531) THROUGH THE CENTER OF THE CLEAR HOLES IN BOTH THE TOP AND BOTTOM POSITIONS AS TEMPORARIES (FINGER TIGHTEN).

INSTALL PRESSURE PLATES USING STANDARD 1/4" x 1" HEX WASHER HEAD TYPE AB SCREWS (128406). USE ONLY PRE-DRILLED HOLES IN PRESSURE PLATE AND APPLY ONLY THROUGH THERMAL BREAK (162310). DO NOT SCREW INTO TONGUE FILLERS (482265).



**EXTERIOR COVERS**

BEFORE INSTALLING THE EXTERIOR COVERS, THE SUNSHADE MOUNTING SPACER AND MOUNTING BRACKET MUST FIRST BE INSTALLED.

**BRACKET ASSEMBLY**

NOTE THAT STEPS 1-7 ARE FOR "STRAIGHT-LINE" SUNSHADES (NO CORNERS).

STEP 8 ILLUSTRATES THE INSTALLATION OF "INSIDE" CORNER SUNSHADES.

STEP 9 ILLUSTRATES THE INSTALLATION OF "OUTSIDE" CORNER SUNSHADES.

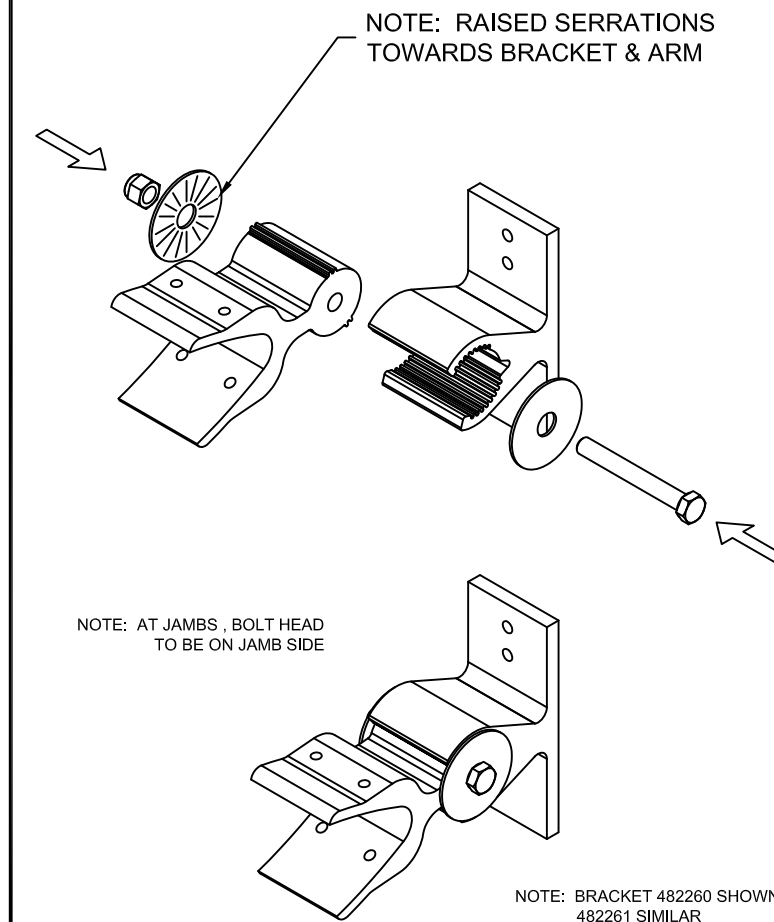
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**STEP 1 - ASSEMBLING MOUNTING BRACKETS & ARMS**

ALIGN THE MOUNTING ARM (482262) AND THE MOUNTING BRACKET (482260 - FOR JAMB; 482261 AT INTERMEDIATE VERTICAL) AT SPECIFIED ANGLE (REFERENCE BRACKET ANGLES ON NEXT PAGE). SLIDE MOUNTING ARM INTO MOUNTING BRACKET AND FASTEN TOGETHER USING 3/8"-16 X 3" HHMS (128916), 3/8" LOCK NUT (128392), AND TWO (2) SERRATED WASHERS (128979) - NOTE: RAISED SERRATIONS ON WASHERS SHOULD BE FACING THE BRACKET AND ARM.

NOTE: BOLT AND LOCK NUT MUST BE TIGHTENED TO AN INITIAL TORQUE OF 200 IN-LBS (17 FT-LBS).

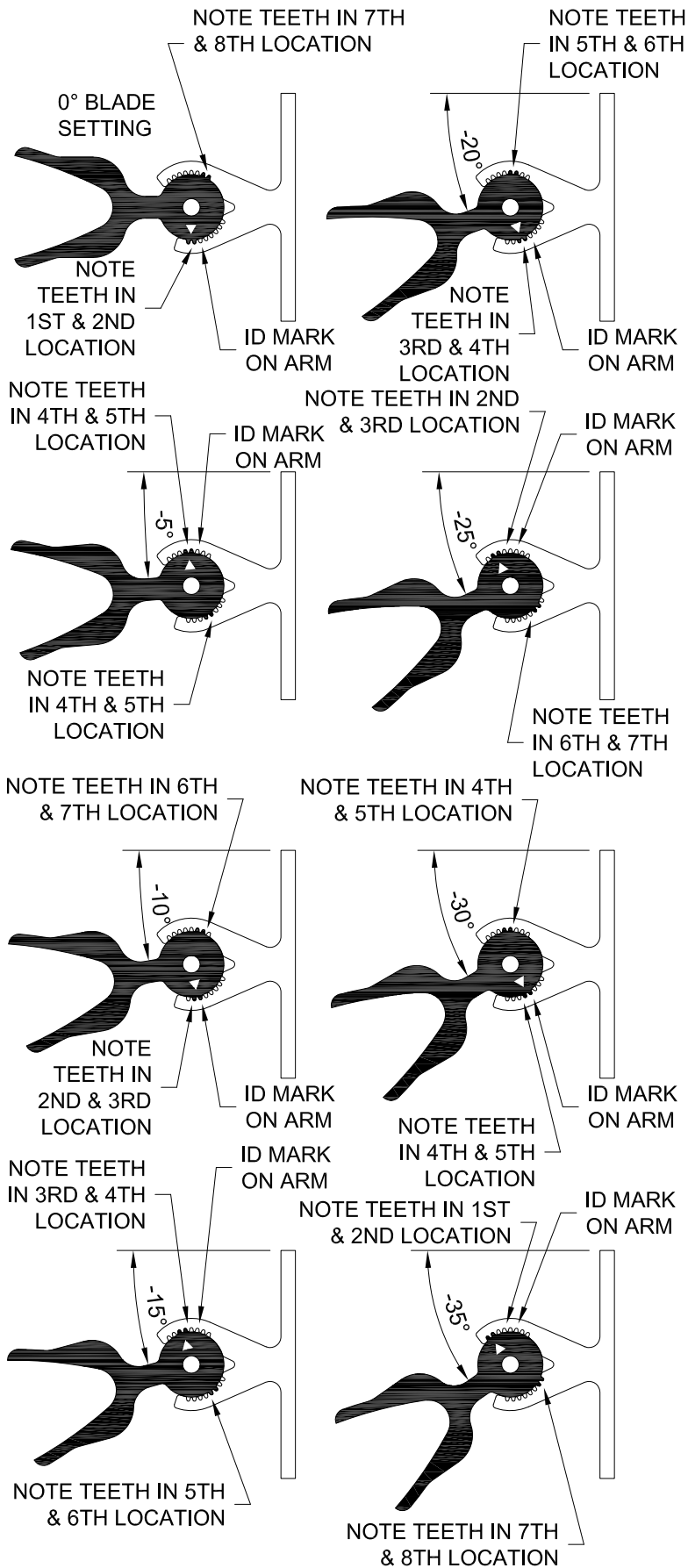


**KAWNEER** VERSOLEIL HORIZONTAL SINGLE BLADE  
1600 SYSTEM 2 / 1600 SS SSG  
INSTALLATION INSTRUCTIONS

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BRACKET ANGLES SHOWN BELOW.

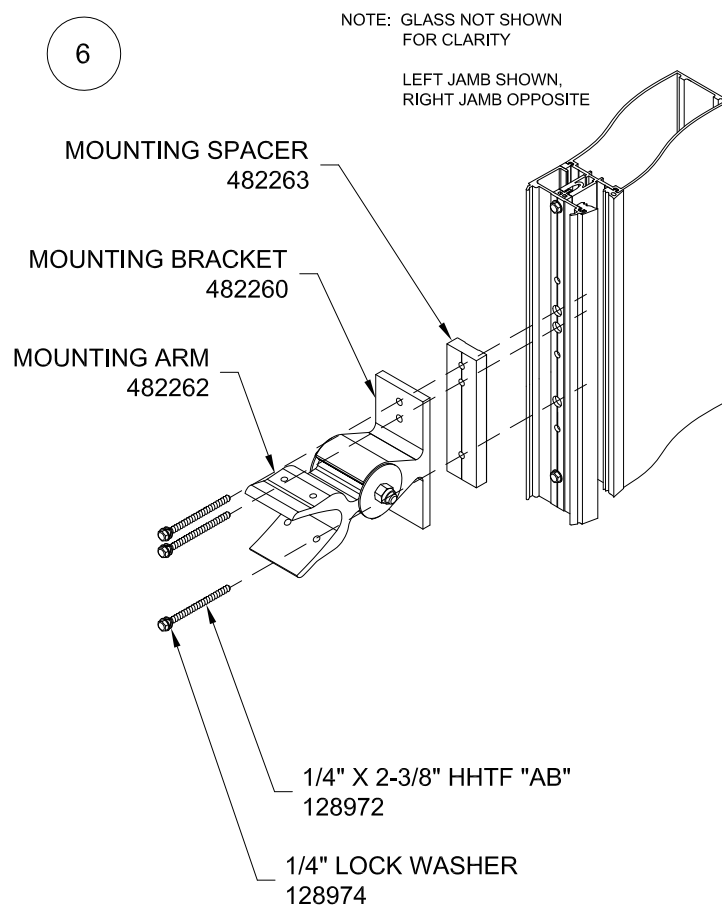
CRITICAL NOTE: THE MOUNTING BRACKET AND ARM IS NOT SYMMETRICAL. PLEASE NOTE THE ID MARK LOCATION ON ARM AND ORIENTATION OF BRACKET.



**STEP 2 - ATTACH MOUNTING BRACKETS / SPACERS**

AT JAMBS: ALIGN THE THREE (3) CLEAR HOLES IN THE MOUNTING SPACER (482263), AND MOUNTING BRACKET (482260) WITH THE THREE (3) CLEAR HOLES IN THE PRESSURE PLATE AND ATTACH WITH THREE (3) 1/4" X 2-3/8" THREAD FORMING SCREWS (128972) (WITH THREE (3) LOCK WASHERS 128974). SEE DETAIL 6.

THE THREAD FORMING ACTION OF THE 1/4" X 2-3/8" SCREWS WILL CAUSE ADDITIONAL RESISTANCE AND REQUIRE EXTRA FORCE TO SEAT. APPLY A WAX LUBRICANT TO THE THREADS BEFORE PROCEEDING.



**NOTE: DO NOT INCREASE HOLE SIZE TO FACILITATE INSTALLATION**

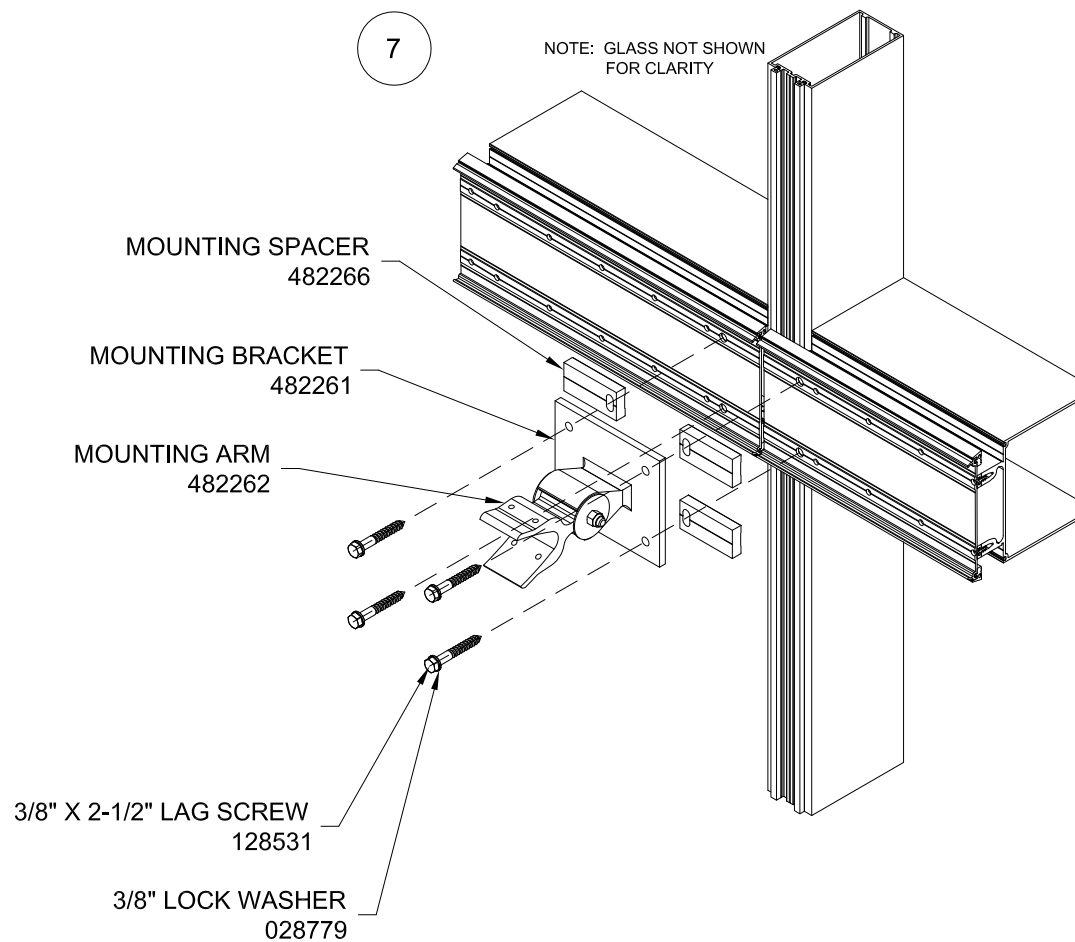
USING A STANDARD 3/8" SOCKET WRENCH, TIGHTEN TO A "SNUG" CONDITION. BE SURE THE SPRING TYPE LOCK WASHERS ARE COMPRESSED. THEN TIGHTEN APPROXIMATELY 1/2 TURN MORE.

ATTACH ALL MOUNTING BRACKETS BEFORE PROCEEDING TO STEP 3.

**STEP 2 - ATTACH MOUNTING BRACKETS / SPACERS**

AT INTERMEDIATE VERTICALS: ALIGN THE CLEAR HOLE IN THE MOUNTING SPACER (482266), AND MOUNTING BRACKET (482261) WITH THE FOUR (4) CLEAR HOLES IN THE PRESSURE PLATE AND ATTACH WITH FOUR (4) 3/8" X 2-1/2" LAG SCREWS (128531) (WITH FOUR (4) LOCK WASHERS 028779). SEE DETAIL 7.

THE THREAD FORMING ACTION OF THE 3/8" X 2-1/2" LAG SCREWS WILL CAUSE ADDITIONAL RESISTANCE AND REQUIRE EXTRA FORCE TO SEAT. APPLY A WAX LUBRICANT TO THE THREADS BEFORE PROCEEDING.



**NOTE: DO NOT INCREASE HOLE SIZE TO FACILITATE INSTALLATION**

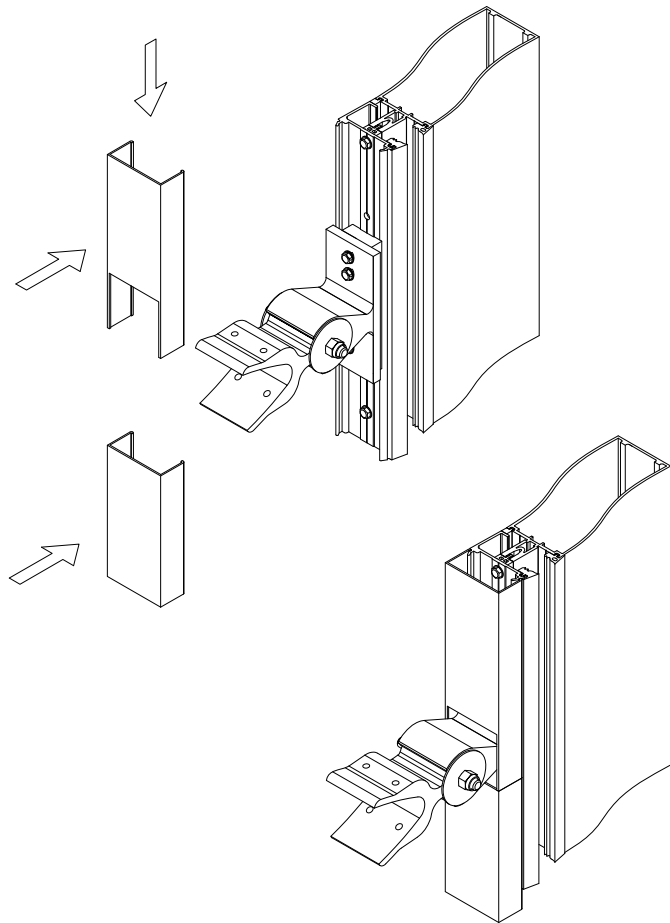
USING A STANDARD 9/16" SOCKET WRENCH, TIGHTEN TO A "SNUG" CONDITION. BE SURE THE SPRING TYPE LOCK WASHERS ARE COMPRESSED. THEN TIGHTEN APPROXIMATELY 1/2 TURN MORE.

ATTACH ALL MOUNTING BRACKETS BEFORE PROCEEDING TO STEP 3.

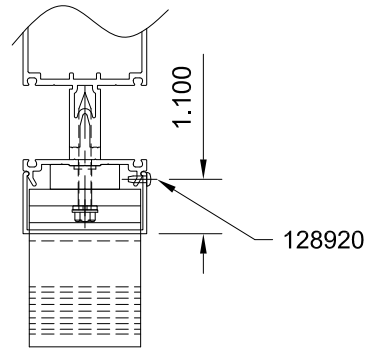
**STEP 3 - INSTALLING PRESSURE PLATE COVERS**

PRESSURE PLATE COVERS SHOULD BE INSTALLED AFTER THE MOUNTING BRACKETS / MOUNTING SPACERS ARE INSTALLED.

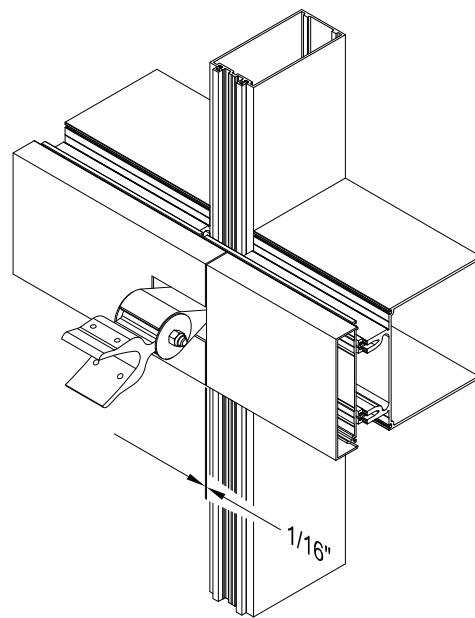
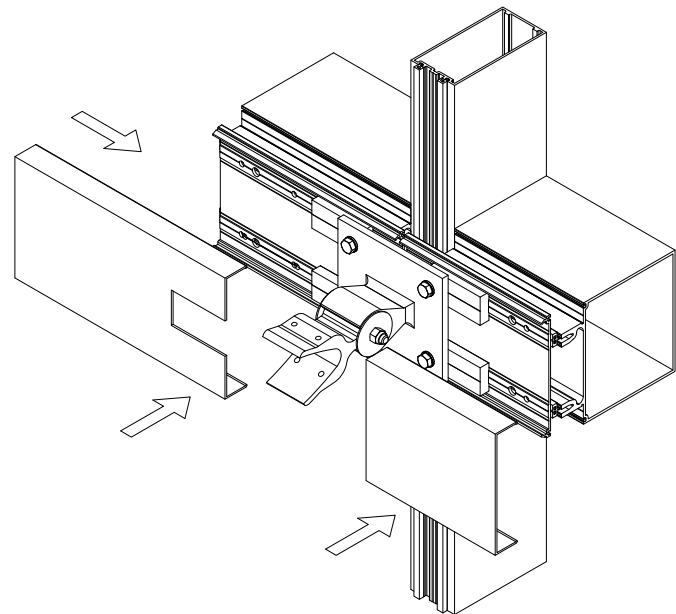
NOTE THAT ON HORIZONTAL COVERS A 1/16" JOINT IS REQUIRED.



LEFT JAMB SHOWN, RIGHT JAMB SIMILAR



NOTE: PIN VERTICAL COVER ON JAMB AT THE SILL AND NEXT HORIZONTAL COVER ABOVE A VERTICAL EXPANSION SPLICE ONLY. DRILL A Ø0.106 (#36 DRILL) HOLE THROUGH COVER AND PRESSURE PLATE LEG AND FASTEN WITH A #6 X 3/8" PHTF "B" FASTENER (128920).



INTERMEDIATE VERTICALS

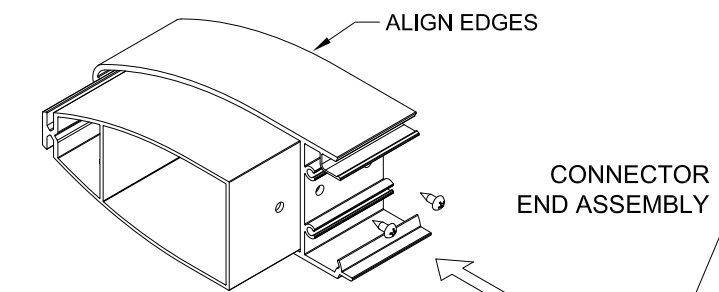
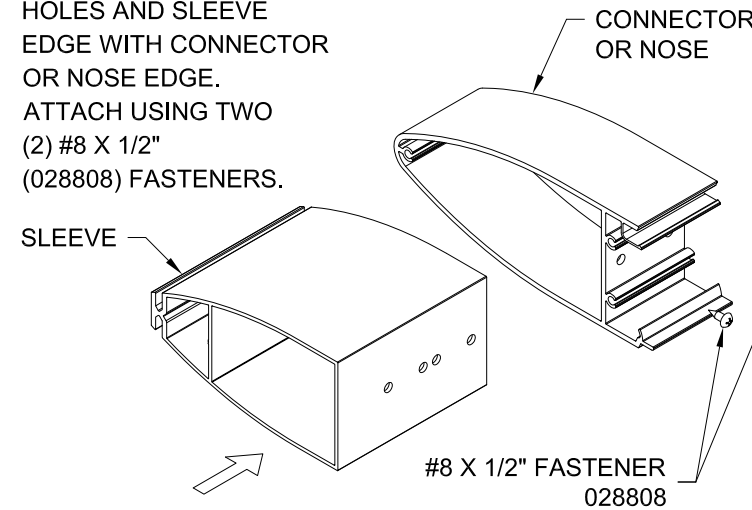
NOTE: WHEN SUNSHADE CONDITION INCLUDES AN INSIDE CORNER, COVERS MUST FOLLOW NUMBERED SEQUENCE SHOWN ON PAGE 09.

**BLADE, END & SPLICE ASSEMBLIES**

**STEP 4 - END ASSEMBLY**

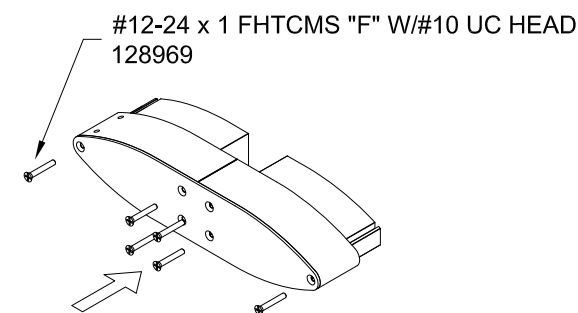
NOTE: 6" AND 8" ONE-PIECE BLADES WILL BE ATTACHED TO SLEEVES USING FASTENERS THROUGH MOUNTING ARMS.

SLIDE SLEEVE INTO CONNECTOR OR NOSE, ALIGN MOUNTING HOLES AND SLEEVE EDGE WITH CONNECTOR OR NOSE EDGE. ATTACH USING TWO (2) #8 X 1/2" (028808) FASTENERS.



SNAP CONNECTOR END ASSEMBLY (WITH HOLES) AND NOSE END ASSEMBLY TOGETHER

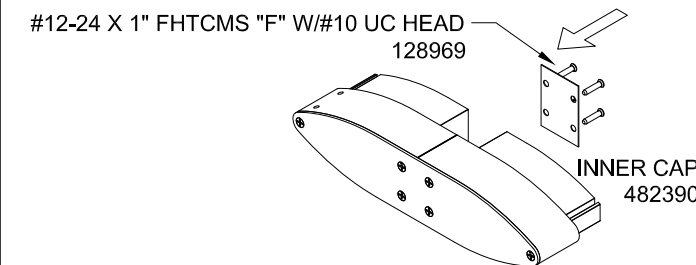
ATTACH ENDCAP TO END ASSEMBLY USING SIX (6) #12-24 X 1" FHTCMS "F" W/#10 UC HEAD (128969) FASTENERS



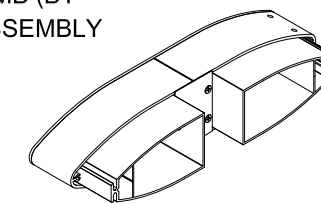
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ATTACH INNER CAP (482390) TO END ASSEMBLY USING FOUR (4) #12-24 X 1" FHTCMS "F" W/#10 UC HEAD (128969) FASTENERS

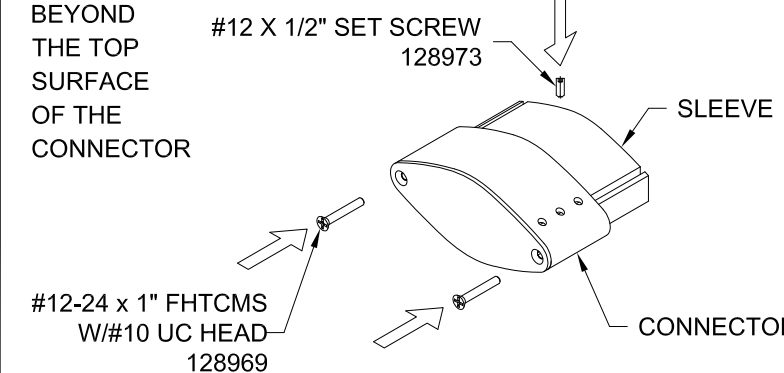


NOTE THAT END ASSEMBLY CAN BE USED AT LEFT JAMB OR RIGHT JAMB (BY ROTATING ASSEMBLY OVER)



FOR ONE-PIECE-BLADE END ASSEMBLIES, ATTACH ENDCAP TO CONNECTOR USING TWO (2) #12-24 X 1" FHTCMS "F" W/#10 UC HEAD FASTENERS (128969)

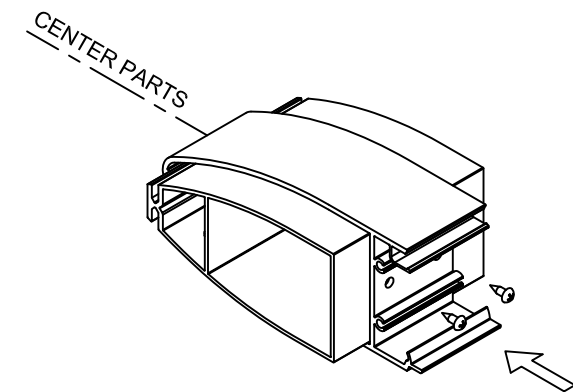
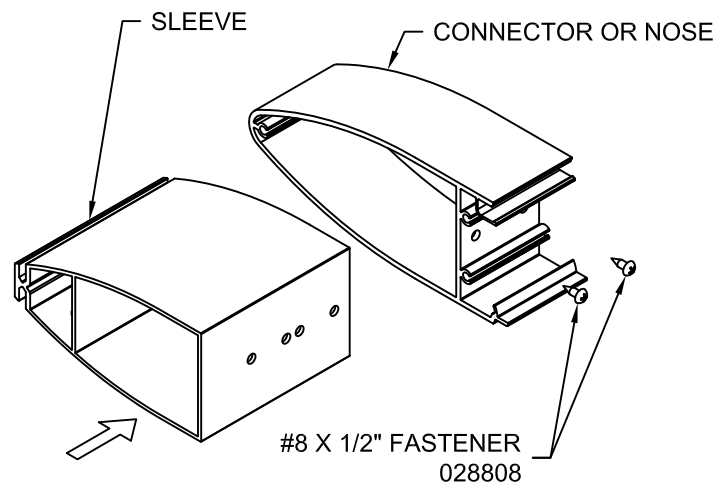
NOTE: SLIDE SLEEVE INTO CONNECTOR AND FASTEN WITH ONE (1) #12 X 1/2" SET SCREW (128973) AT CENTER HOLE. SET SCREW MUST NOT EXTEND BEYOND THE TOP SURFACE OF THE CONNECTOR



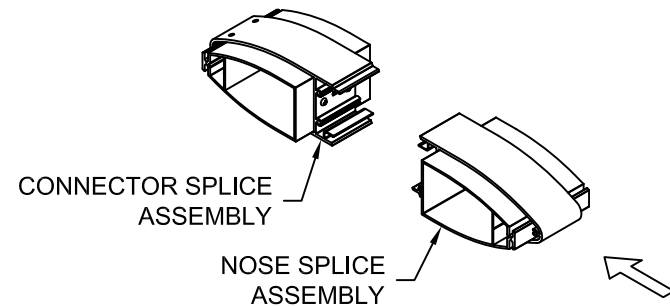
**KAWNEER** **VERSOLEIL HORIZONTAL SINGLE BLADE**  
1600 SYSTEM 2 / 1600 SS SSG  
INSTALLATION INSTRUCTIONS

**STEP 5 - SPLICE ASSEMBLY**

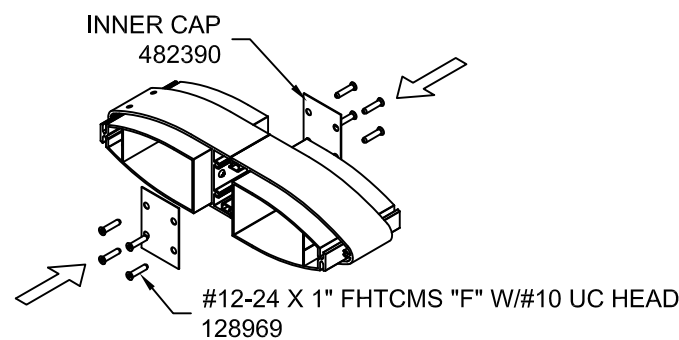
SLIDE SLEEVE INTO CONNECTOR OR NOSE, ALIGN SLEEVE CENTER ON CONNECTOR OR NOSE CENTER. ATTACH USING TWO (2) #8 X 1/2" (028808) FASTENERS.



SNAP CONNECTOR SPLICE ASSEMBLY (WITH HOLES) AND NOSE SPLICE ASSEMBLY TOGETHER

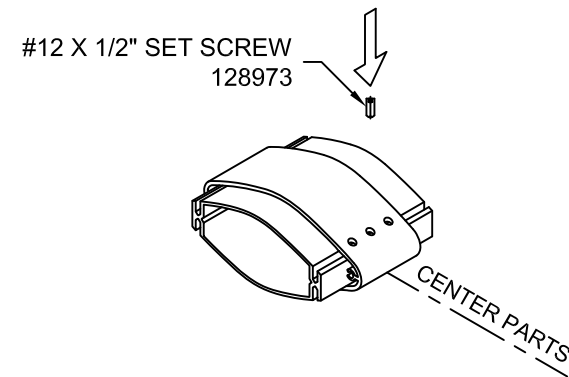


ATTACH INNER CAP (482390) TO SPLICE ASSEMBLY ON EACH SIDE USING FOUR (4) #12-24 X 1" FHTCMS "F" W/#10 UC HEAD (128969) FASTENERS



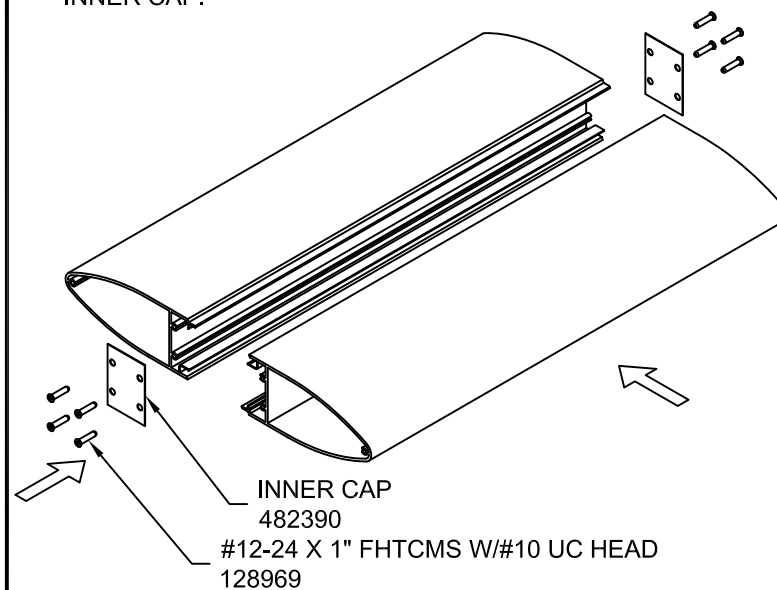
FOR ONE-PIECE-BLADE SPLICE ASSEMBLIES, CENTER SLEEVE IN CONNECTOR AND FASTEN WITH ONE (1) #12 X 1/2" SET SCREW (128973) AT CENTER HOLE.

**NOTE:** SET SCREW MUST NOT EXTEND BEYOND THE TOP SURFACE OF THE CONNECTOR.



**STEP 6 - ASSEMBLING THE 2 PIECE BLADES**

SNAP TWO (2) BLADE PIECES TOGETHER (BLADES TO BE CUT TO LENGTH BEFORE ASSEMBLY). THEN ATTACH INNER CAP (482390) TO BLADE ASSEMBLY ON EACH SIDE USING FOUR #12-24 X 1" FHTCMS W/#10 UC HEAD (128969) FASTENERS. SCREW HEADS WILL NOT SIT FLUSH ON INNER CAP.



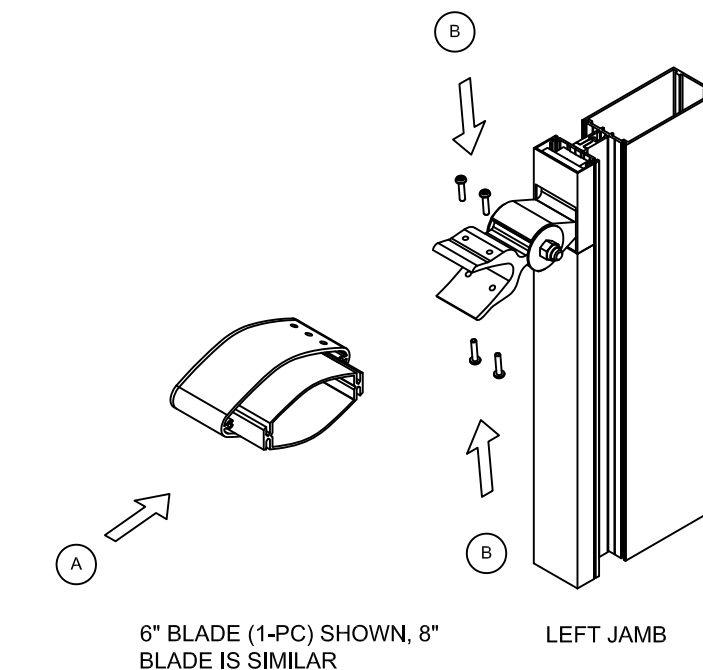
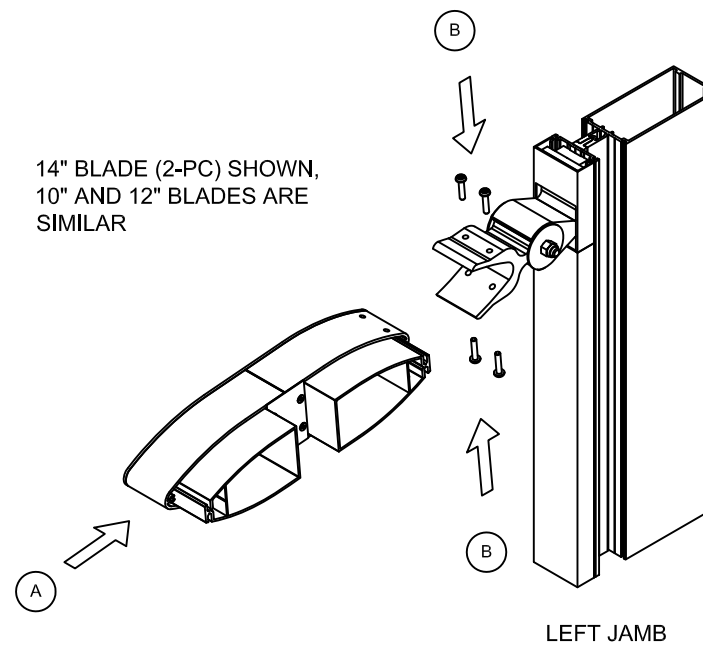
**NOTE:** IF SUNSHADE CONDITION HAS CORNERS, INSTALL CORNER ENDCAPS TO MITERED ENDS OF CORNER BLADE ASSEMBLIES USING #12-24 X 1" FHTCMS "F" FASTENERS (128934) AS REQUIRED. SCREW HEADS WILL NOT SIT FLAT ON END CAP.

**MOUNTING THE SUNSHADES**

**STEP 7 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

A) SLIDE END ASSEMBLY INTO MOUNTING ARM, ALIGNING MOUNTING HOLES IN BLADE AND MOUNTING HOLES IN MOUNTING ARM

B) FASTEN END ASSEMBLY TO MOUNTING ARM USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

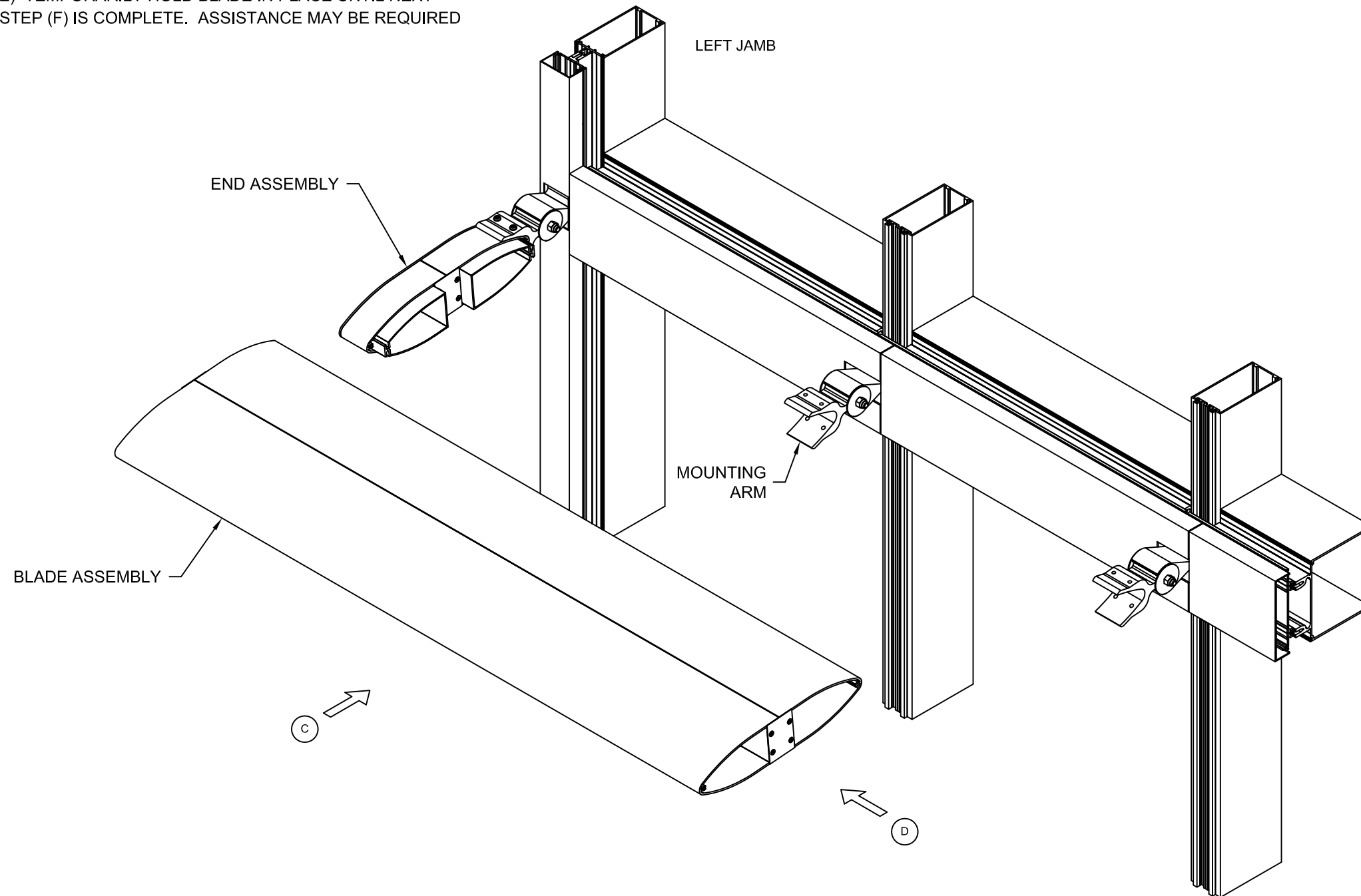


**STEP 7 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

C) SLIDE BLADE (ASSEMBLY, IF TWO-PIECE) INTO MOUNTING ARMS

D) SLIDE BLADE OVER SLEEVE IN THE END ASSEMBLY

E) TEMPORARILY HOLD BLADE IN PLACE UNTIL NEXT STEP (F) IS COMPLETE. ASSISTANCE MAY BE REQUIRED



**STEP 7 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

F) SLIDE SPLICE ASSEMBLY INTO MOUNTING ARM  
(SLEEVE SHOULD SLIDE INTO BLADE ASSEMBLY)

G) ALIGN MOUNTING HOLES IN SPLICE ASSEMBLY AND  
MOUNTING HOLES IN MOUNTING ARM

H) FASTEN SPLICE ASSEMBLY TO MOUNTING ARM USING  
FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

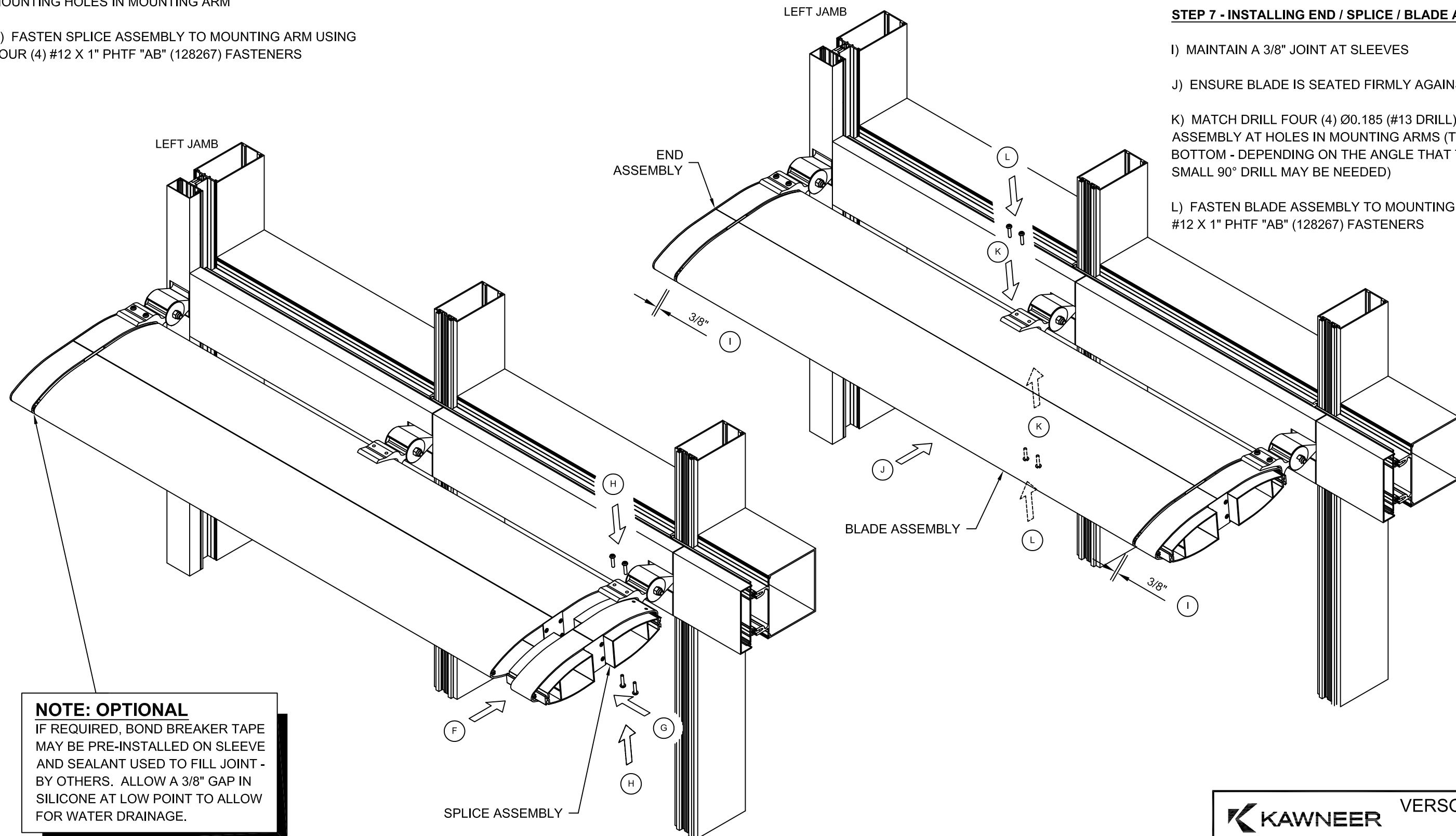
**STEP 7 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

I) MAINTAIN A 3/8" JOINT AT SLEEVES

J) ENSURE BLADE IS SEATED FIRMLY AGAINST MOUNTING ARM

K) MATCH DRILL FOUR (4) Ø0.185 (#13 DRILL) HOLES INTO BLADE ASSEMBLY AT HOLES IN MOUNTING ARMS (TWO IN TOP AND TWO IN BOTTOM - DEPENDING ON THE ANGLE THAT THE BLADES ARE SET, A SMALL 90° DRILL MAY BE NEEDED)

L) FASTEN BLADE ASSEMBLY TO MOUNTING ARM USING FOUR (4)  
#12 X 1" PHTF "AB" (128267) FASTENERS



**NOTE: OPTIONAL**

IF REQUIRED, BOND BREAKER TAPE MAY BE PRE-INSTALLED ON SLEEVE AND SEALANT USED TO FILL JOINT - BY OTHERS. ALLOW A 3/8" GAP IN SILICONE AT LOW POINT TO ALLOW FOR WATER DRAINAGE.

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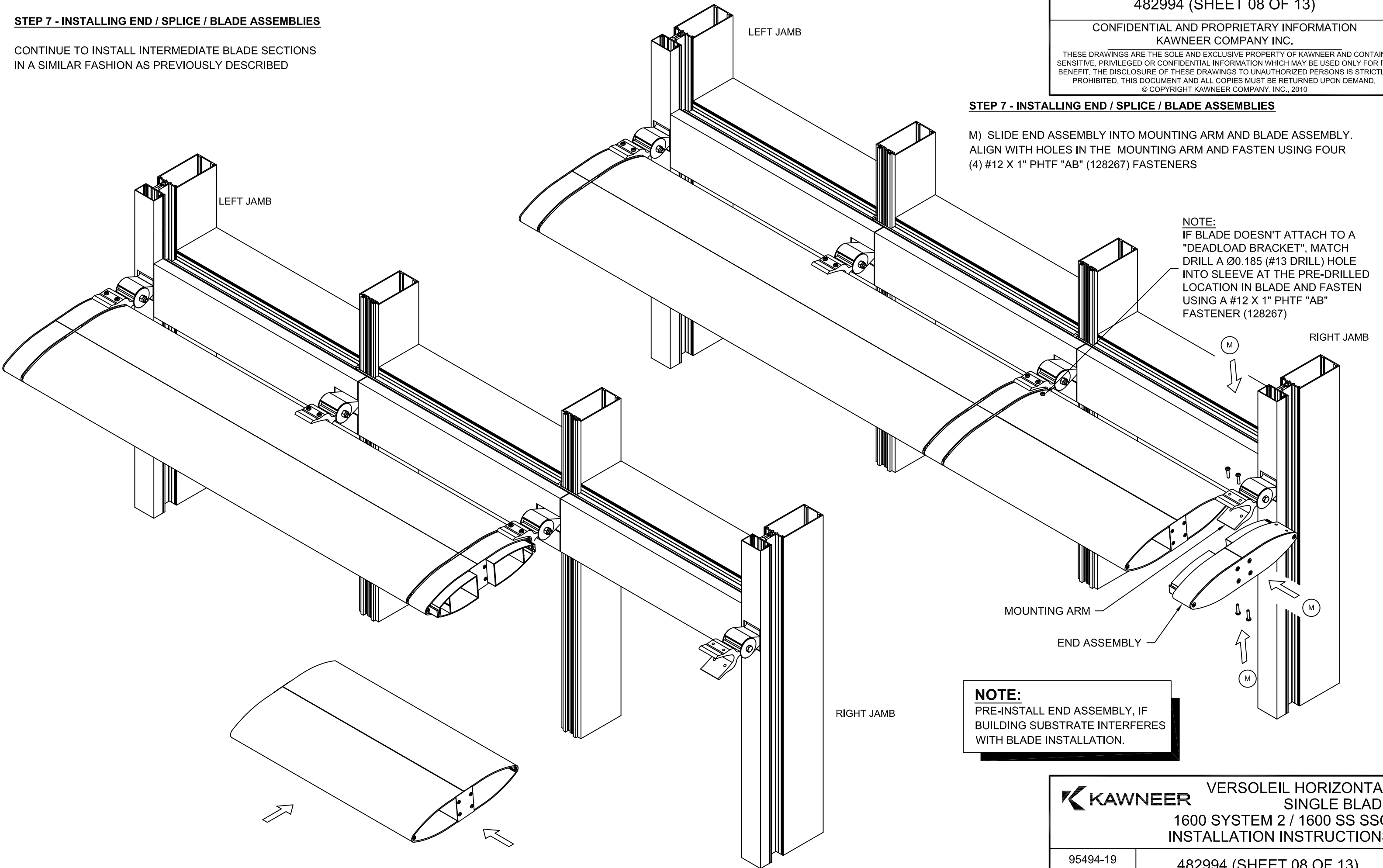
**STEP 7 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

CONTINUE TO INSTALL INTERMEDIATE BLADE SECTIONS IN A SIMILAR FASHION AS PREVIOUSLY DESCRIBED

**STEP 7 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

M) SLIDE END ASSEMBLY INTO MOUNTING ARM AND BLADE ASSEMBLY. ALIGN WITH HOLES IN THE MOUNTING ARM AND FASTEN USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

**NOTE:**  
IF BLADE DOESN'T ATTACH TO A "DEADLOAD BRACKET", MATCH DRILL A Ø0.185 (#13 DRILL) HOLE INTO SLEEVE AT THE PRE-DRILLED LOCATION IN BLADE AND FASTEN USING A #12 X 1" PHTF "AB" FASTENER (128267)



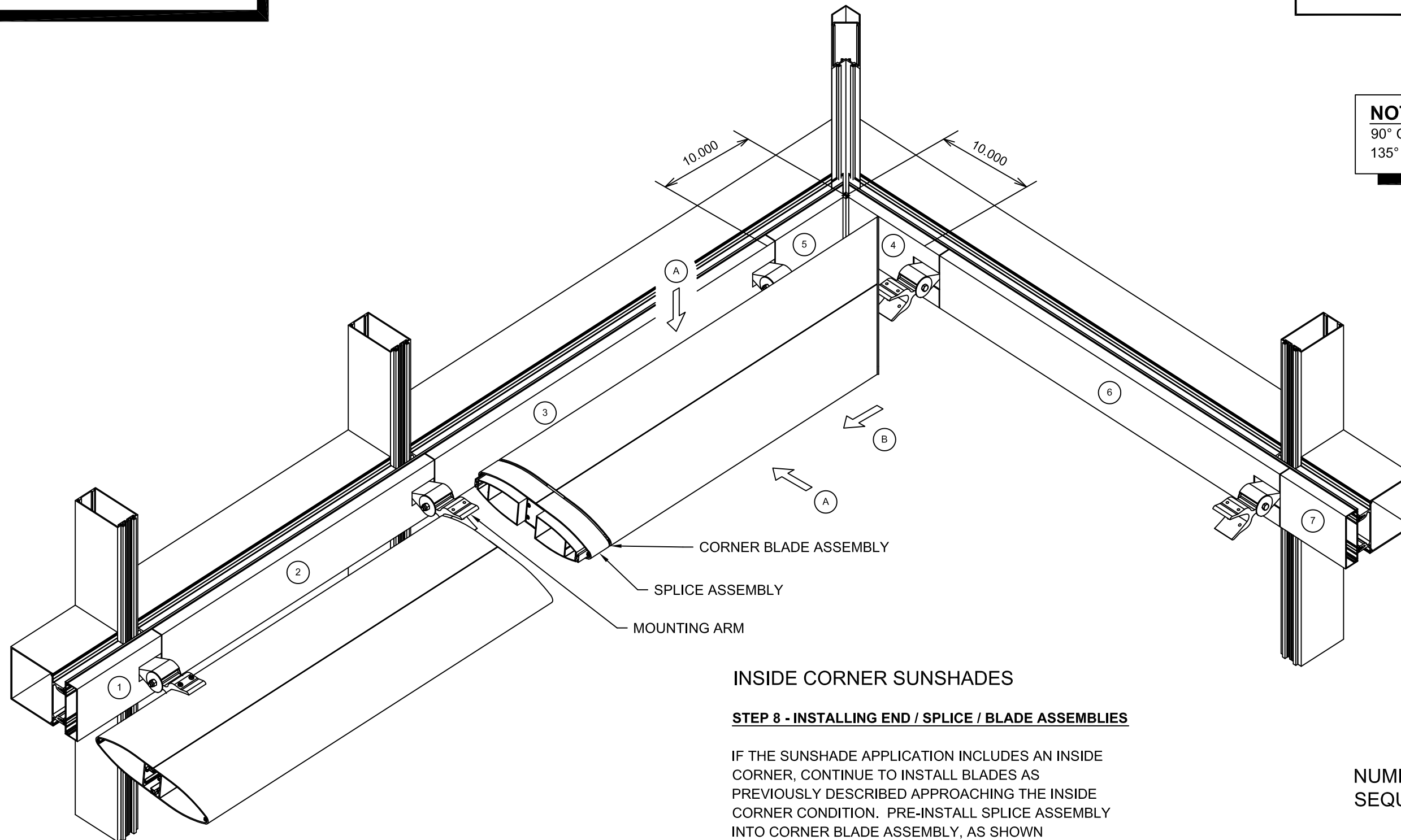
**NOTE:**  
PRE-INSTALL END ASSEMBLY, IF BUILDING SUBSTRATE INTERFERES WITH BLADE INSTALLATION.

**KAWNEER** VERSOLEIL HORIZONTAL SINGLE BLADE  
1600 SYSTEM 2 / 1600 SS SSG  
INSTALLATION INSTRUCTIONS



**NOTE:**  
REFERENCE APPROVED SHOP DRAWINGS FOR PROJECT SPECIFIC CORNER DETAILS

**NOTE:**  
90° CORNER SHOWN  
135° CORNER SIMILAR



**INSIDE CORNER SUNSHADES**

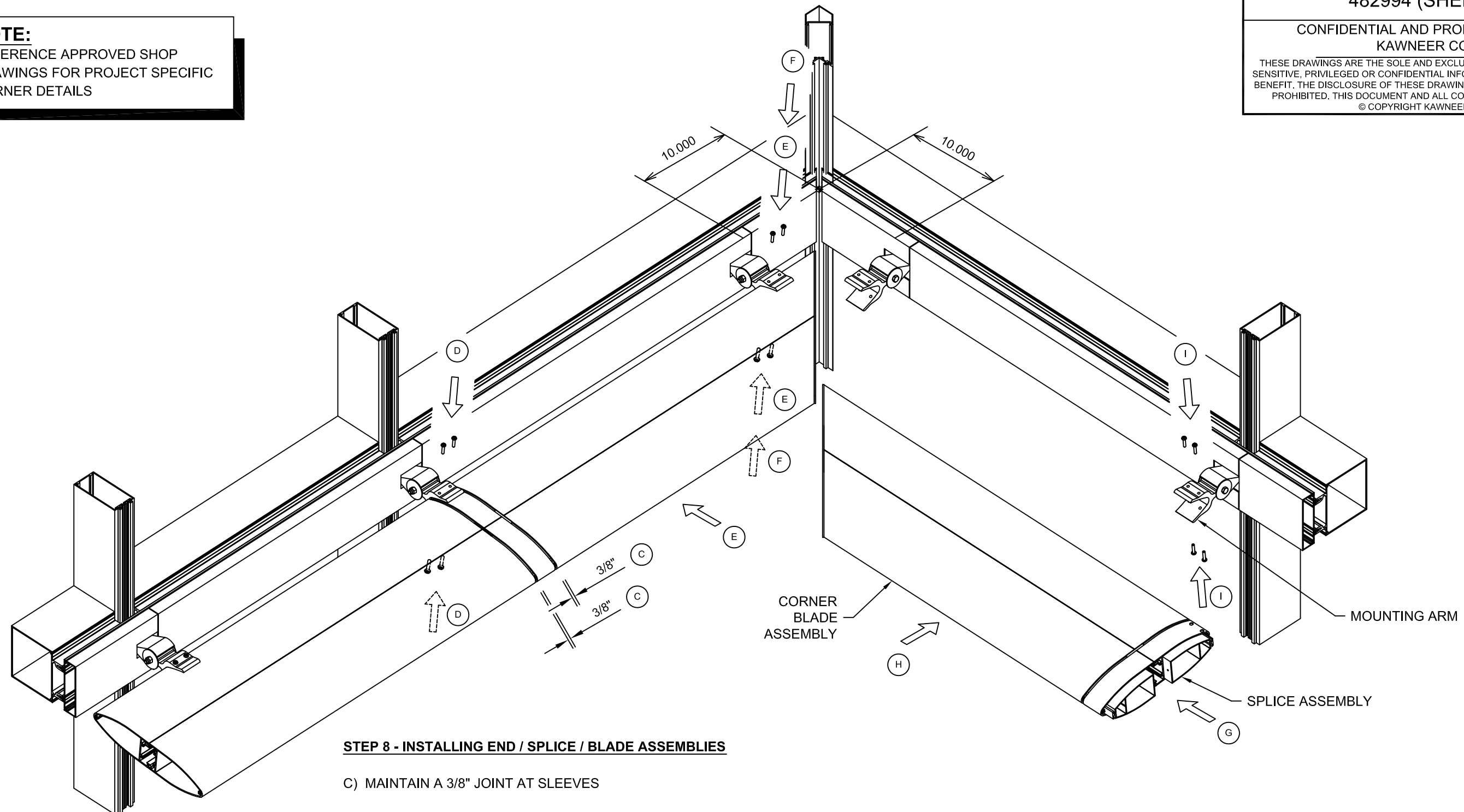
**STEP 8 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

IF THE SUNSHADE APPLICATION INCLUDES AN INSIDE CORNER, CONTINUE TO INSTALL BLADES AS PREVIOUSLY DESCRIBED APPROACHING THE INSIDE CORNER CONDITION. PRE-INSTALL SPLICE ASSEMBLY INTO CORNER BLADE ASSEMBLY, AS SHOWN

A) SLIDE CORNER BLADE ASSEMBLY FIRMLY AGAINST INSIDE OF MOUNTING ARMS

B) SLIDE CORNER BLADE ASSEMBLY AND SPLICE ASSEMBLY TO ALIGN HOLES IN THE SPLICE ASSEMBLY WITH THE HOLES IN THE MOUNTING ARM, HOLD IN PLACE UNTIL THE COMPLETION OF THE NEXT STEP. ASSISTANCE MAY BE REQUIRED

NUMBERS INDICATE INSTALLATION SEQUENCE FOR COVERS

**NOTE:**REFERENCE APPROVED SHOP  
DRAWINGS FOR PROJECT SPECIFIC  
CORNER DETAILS**STEP 8 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

C) MAINTAIN A 3/8" JOINT AT SLEEVES

D) ALIGN HOLES IN THE SPLICE ASSEMBLY WITH THE HOLES IN THE MOUNTING ARM AND FASTEN USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

E) WITH CORNER BLADE ASSEMBLY FIRMLY AGAINST MOUNTING ARM(S), MATCH DRILL FOUR (4) Ø0.185 (#13 DRILL) HOLES INTO CORNER BLADE ASSEMBLY AT MOUNTING ARM (TWO IN TOP AND TWO IN BOTTOM - DEPENDING ON THE ANGLE THAT THE BLADES ARE SET, A SMALL 90° DRILL MAY BE NEEDED)

F) FASTEN CORNER BLADE ASSEMBLY TO MOUNTING ARM(S) USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

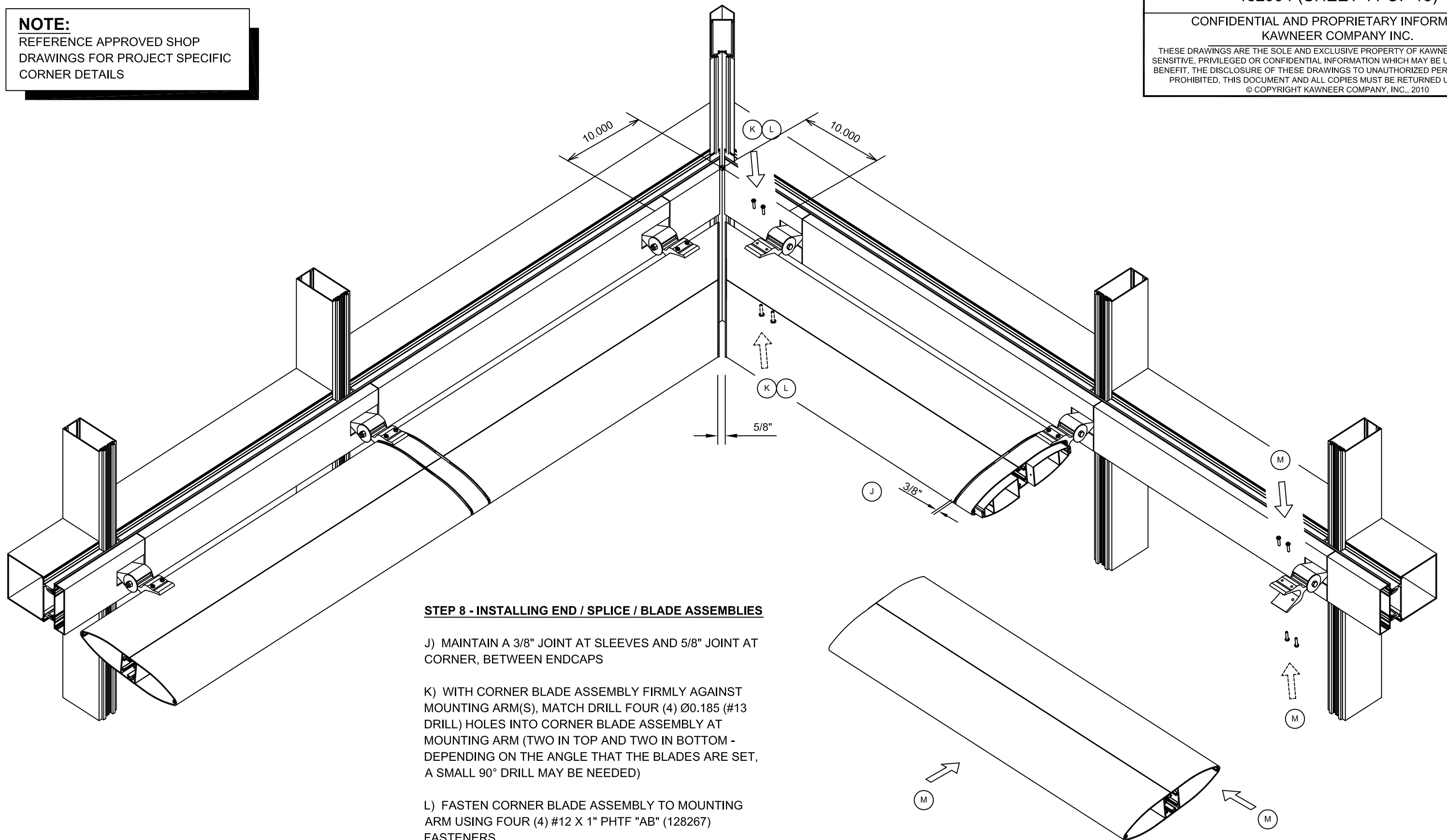
G) PRE-INSTALL SPLICE ASSEMBLY INTO CORNER BLADE ASSEMBLY, AS SHOWN

H) SLIDE ASSEMBLY INTO THE MOUNTING ARM(S), ALIGNING HOLES IN THE SPLICE ASSEMBLY WITH THE HOLES IN THE MOUNTING ARM - ASSISTANCE MAY BE REQUIRED

I) FASTEN SPLICE ASSEMBLY TO MOUNTING ARM USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS


**VERSOLEIL HORIZONTAL  
SINGLE BLADE  
1600 SYSTEM 2 / 1600 SS SSG  
INSTALLATION INSTRUCTIONS**

**NOTE:**  
REFERENCE APPROVED SHOP  
DRAWINGS FOR PROJECT SPECIFIC  
CORNER DETAILS



**STEP 8 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

J) MAINTAIN A 3/8" JOINT AT SLEEVES AND 5/8" JOINT AT CORNER, BETWEEN ENDCAPS

K) WITH CORNER BLADE ASSEMBLY FIRMLY AGAINST MOUNTING ARM(S), MATCH DRILL FOUR (4) Ø0.185 (#13 DRILL) HOLES INTO CORNER BLADE ASSEMBLY AT MOUNTING ARM (TWO IN TOP AND TWO IN BOTTOM - DEPENDING ON THE ANGLE THAT THE BLADES ARE SET, A SMALL 90° DRILL MAY BE NEEDED)

L) FASTEN CORNER BLADE ASSEMBLY TO MOUNTING ARM USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

M) CONTINUE TO INSTALL SUNSHADE AS DESCRIBED IN PREVIOUS STEPS

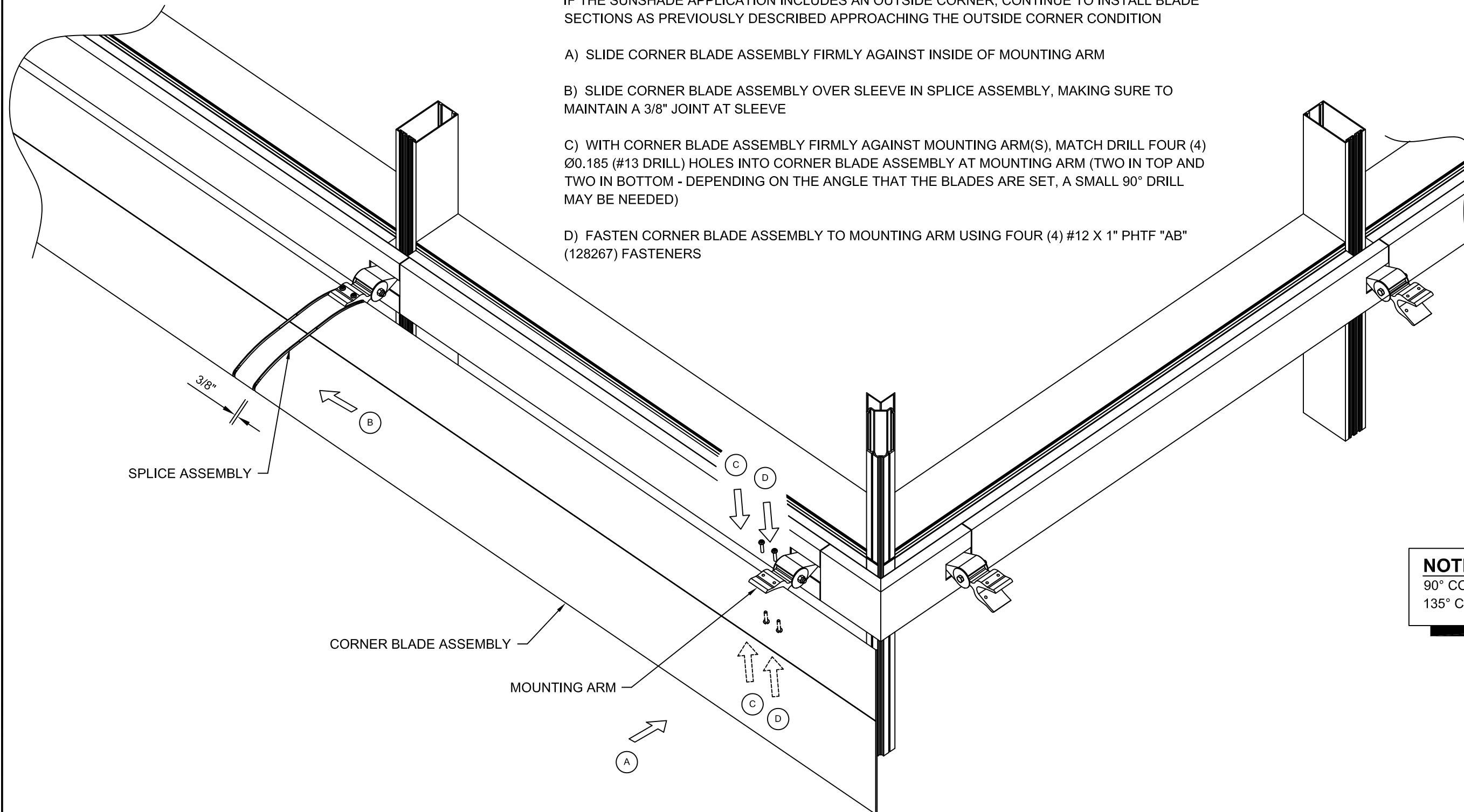
**NOTE:**  
REFERENCE APPROVED SHOP  
DRAWINGS FOR PROJECT SPECIFIC  
CORNER DETAILS

## OUTSIDE CORNER SUNSHADES

### STEP 9 - INSTALLING END / SPLICE / BLADE ASSEMBLIES

IF THE SUNSHADE APPLICATION INCLUDES AN OUTSIDE CORNER, CONTINUE TO INSTALL BLADE SECTIONS AS PREVIOUSLY DESCRIBED APPROACHING THE OUTSIDE CORNER CONDITION

- A) SLIDE CORNER BLADE ASSEMBLY FIRMLY AGAINST INSIDE OF MOUNTING ARM
- B) SLIDE CORNER BLADE ASSEMBLY OVER SLEEVE IN SPLICE ASSEMBLY, MAKING SURE TO MAINTAIN A 3/8" JOINT AT SLEEVE
- C) WITH CORNER BLADE ASSEMBLY FIRMLY AGAINST MOUNTING ARM(S), MATCH DRILL FOUR (4) Ø0.185 (#13 DRILL) HOLES INTO CORNER BLADE ASSEMBLY AT MOUNTING ARM (TWO IN TOP AND TWO IN BOTTOM - DEPENDING ON THE ANGLE THAT THE BLADES ARE SET, A SMALL 90° DRILL MAY BE NEEDED)
- D) FASTEN CORNER BLADE ASSEMBLY TO MOUNTING ARM USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS



**NOTE:**  
90° CORNER SHOWN  
135° CORNER SIMILAR

**NOTE:**

REFERENCE APPROVED SHOP DRAWINGS FOR PROJECT SPECIFIC CORNER DETAILS

**STEP 9 - INSTALLING END / SPLICE / BLADE ASSEMBLIES**

E) PRE-INSTALL SPLICE ASSEMBLY INTO CORNER BLADE ASSEMBLY, AS SHOWN

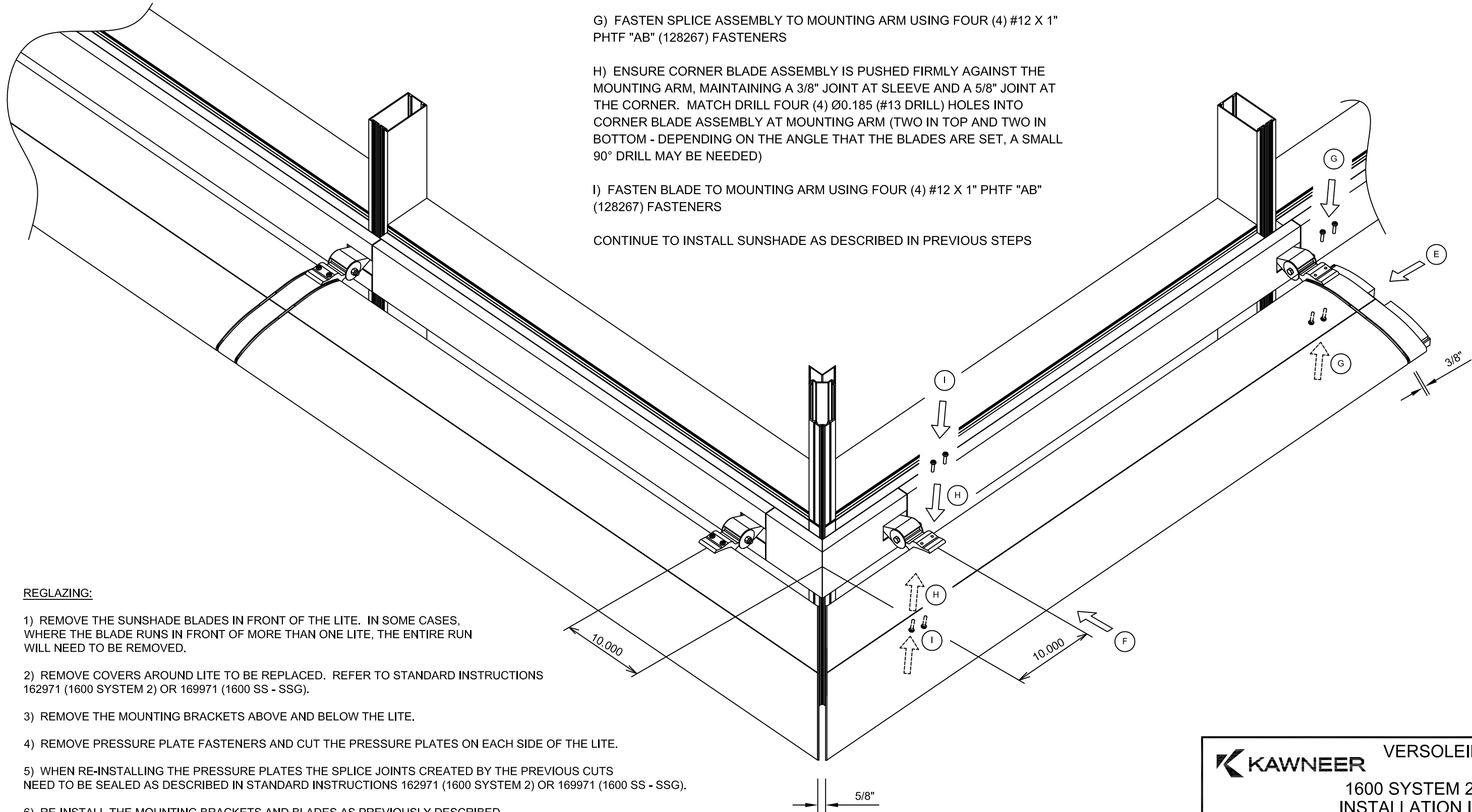
F) SLIDE SPLICE ASSEMBLY AND CORNER BLADE ASSEMBLY INTO MOUNTING ARM(S), ALIGNING HOLES IN THE SPLICE ASSEMBLY WITH THE HOLES IN THE MOUNTING ARM - ASSISTANCE MAY BE REQUIRED

G) FASTEN SPLICE ASSEMBLY TO MOUNTING ARM USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

H) ENSURE CORNER BLADE ASSEMBLY IS PUSHED FIRMLY AGAINST THE MOUNTING ARM, MAINTAINING A 3/8" JOINT AT SLEEVE AND A 5/8" JOINT AT THE CORNER. MATCH DRILL FOUR (4) Ø0.185 (#13 DRILL) HOLES INTO CORNER BLADE ASSEMBLY AT MOUNTING ARM (TWO IN TOP AND TWO IN BOTTOM - DEPENDING ON THE ANGLE THAT THE BLADES ARE SET, A SMALL 90° DRILL MAY BE NEEDED)

I) FASTEN BLADE TO MOUNTING ARM USING FOUR (4) #12 X 1" PHTF "AB" (128267) FASTENERS

CONTINUE TO INSTALL SUNSHADE AS DESCRIBED IN PREVIOUS STEPS



**REGLAZING:**

- 1) REMOVE THE SUNSHADE BLADES IN FRONT OF THE LITE. IN SOME CASES, WHERE THE BLADE RUNS IN FRONT OF MORE THAN ONE LITE, THE ENTIRE RUN WILL NEED TO BE REMOVED.
- 2) REMOVE COVERS AROUND LITE TO BE REPLACED. REFER TO STANDARD INSTRUCTIONS 162971 (1600 SYSTEM 2) OR 169971 (1600 SS - SSG).
- 3) REMOVE THE MOUNTING BRACKETS ABOVE AND BELOW THE LITE.
- 4) REMOVE PRESSURE PLATE FASTENERS AND CUT THE PRESSURE PLATES ON EACH SIDE OF THE LITE.
- 5) WHEN RE-INSTALLING THE PRESSURE PLATES THE SPLICE JOINTS CREATED BY THE PREVIOUS CUTS NEED TO BE SEALED AS DESCRIBED IN STANDARD INSTRUCTIONS 162971 (1600 SYSTEM 2) OR 169971 (1600 SS - SSG).
- 6) RE-INSTALL THE MOUNTING BRACKETS AND BLADES AS PREVIOUSLY DESCRIBED.