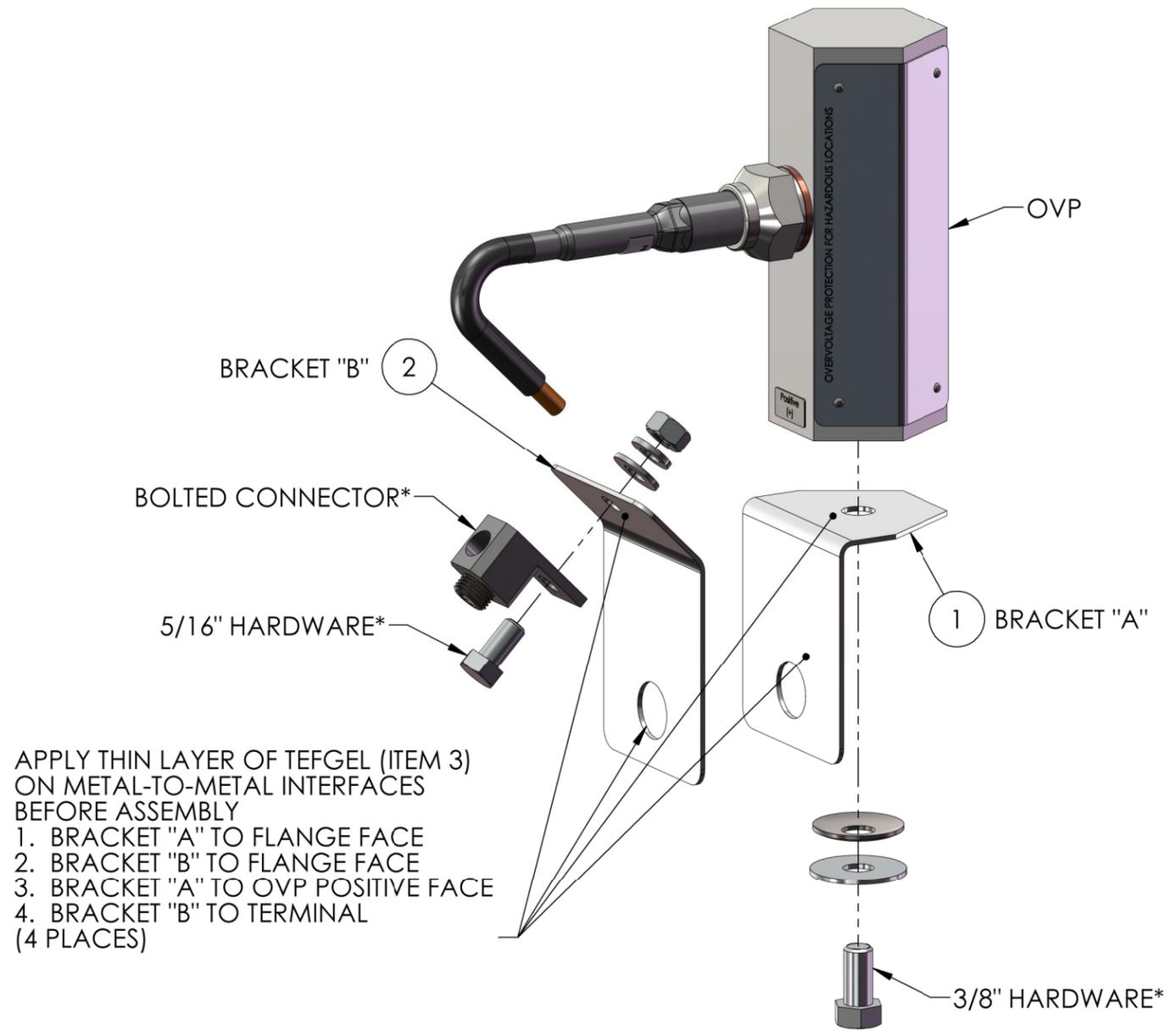
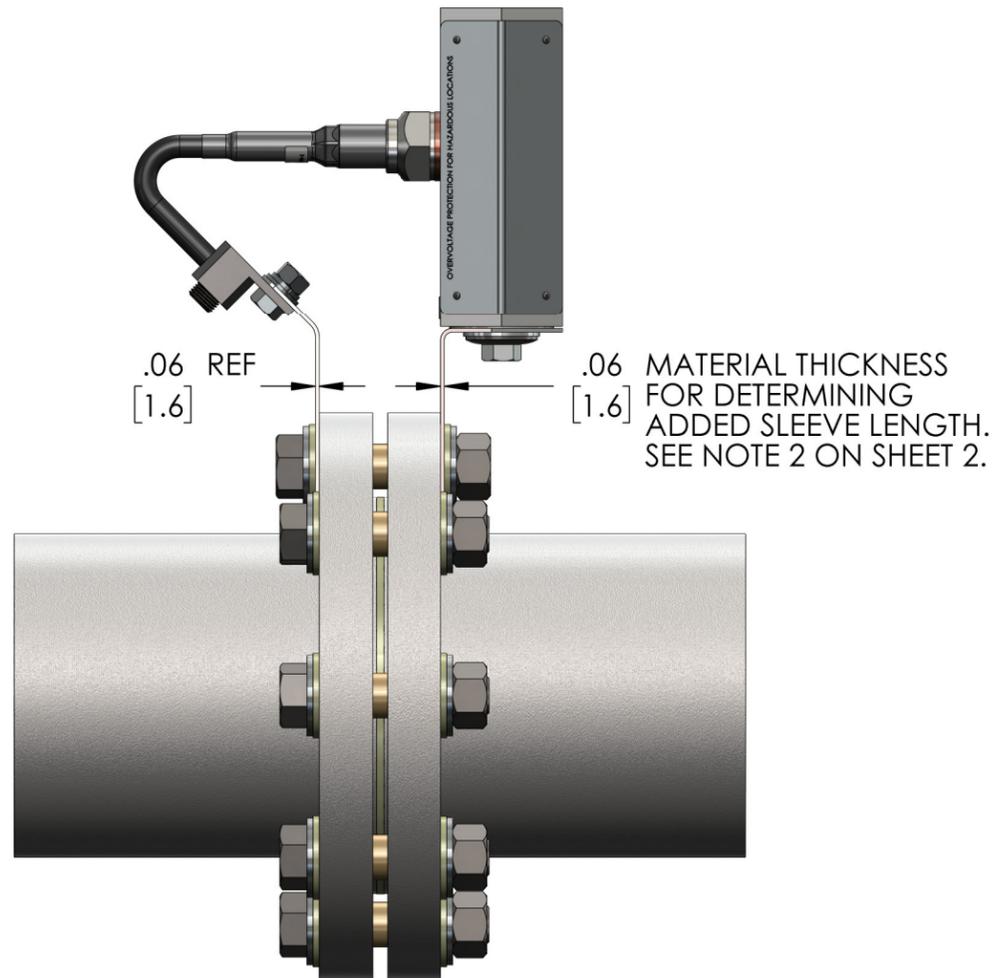


LINE NO.	DOCUMENT NUMBER	DESCRIPTION	QTY.
1	-	BRACKET "A"	1
2	-	BRACKET "B"	1
3	3041	TEF-GEL	1



APPLY THIN LAYER OF TEFGEL (ITEM 3) ON METAL-TO-METAL INTERFACES BEFORE ASSEMBLY

1. BRACKET "A" TO FLANGE FACE
2. BRACKET "B" TO FLANGE FACE
3. BRACKET "A" TO OVP POSITIVE FACE
4. BRACKET "B" TO TERMINAL (4 PLACES)

* THESE PARTS, PLUS ALLEN WRENCH, SUPPLIED WITH OVP.

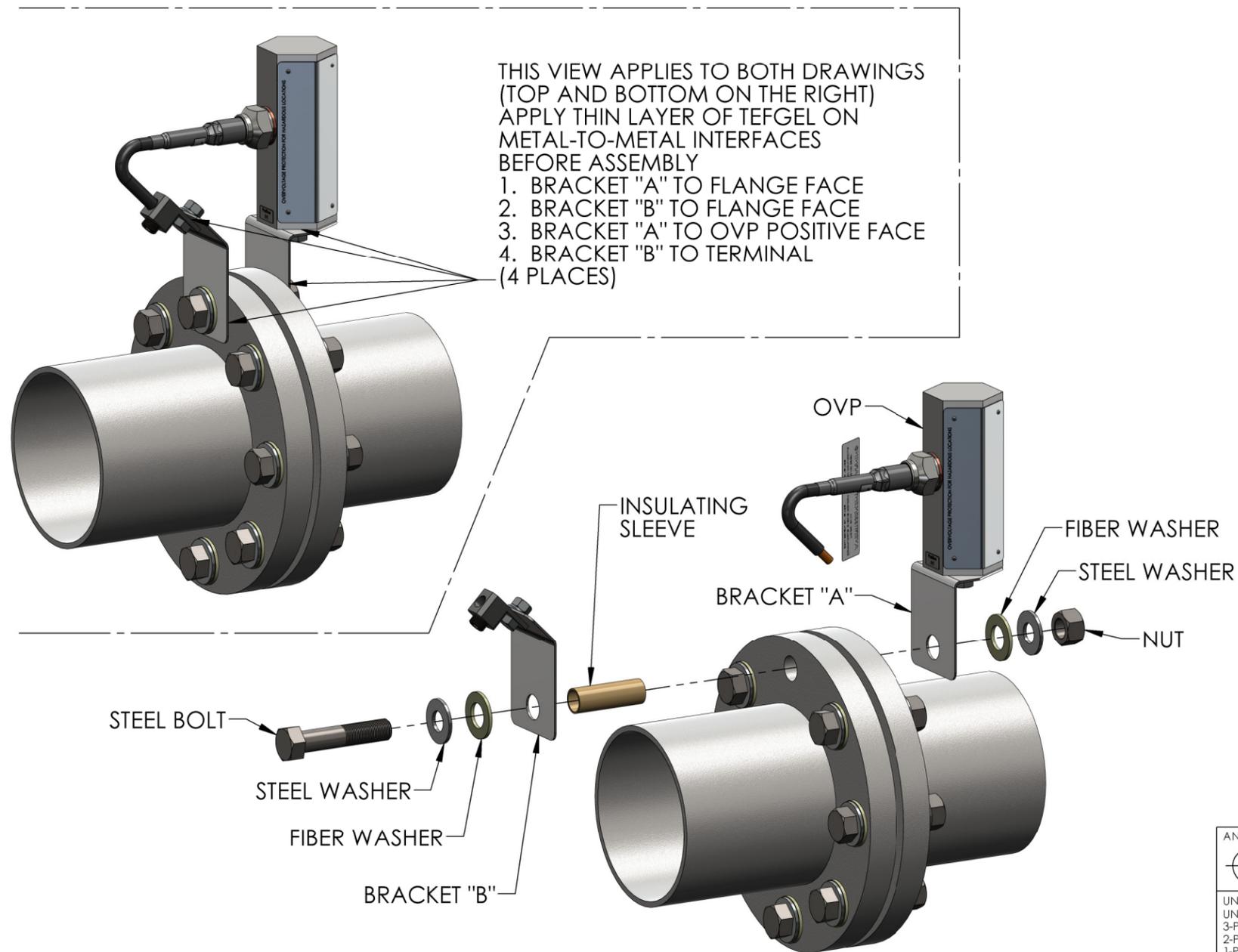
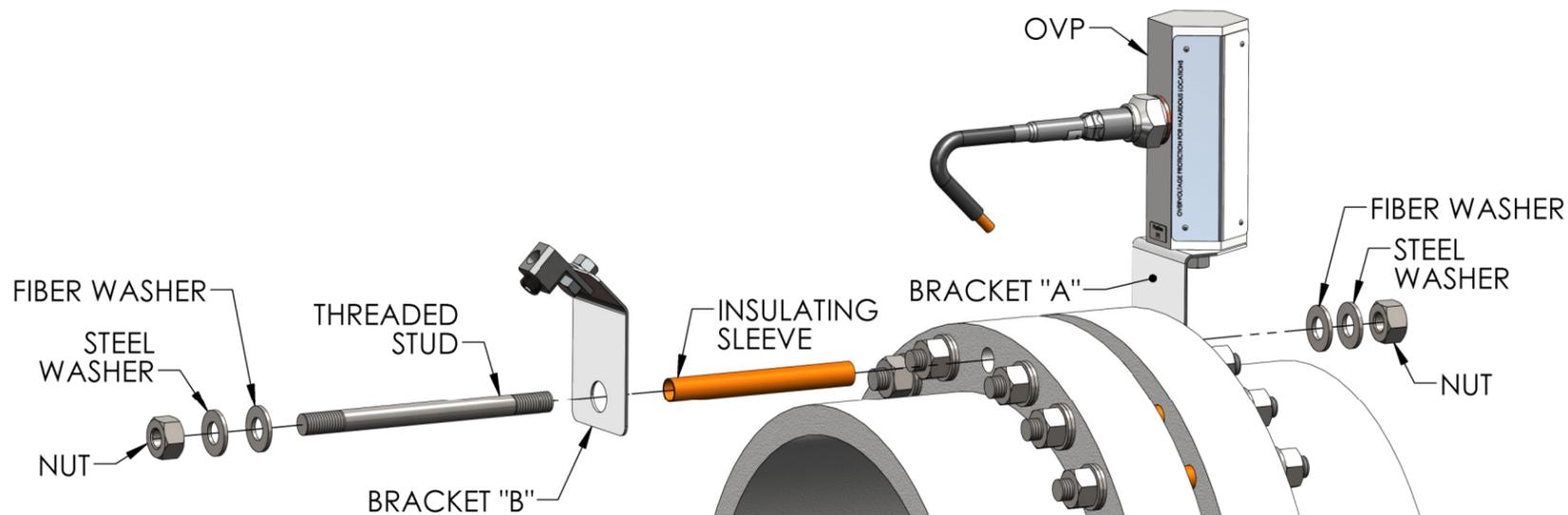
ANSI Y14.5M 1994 APPLIES

UNLESS NOTED
 UNITS: INCHES
 3-PLACE: ±.005
 2-PLACE: ±.015
 1-PLACE / FRAC: ±.03
 ANGULAR: ±1



DAIRYLAND ELECTRICAL INDUSTRIES, INC.
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DESCRIPTION				
FMFB INSTALLATION				
DOCUMENT #	REV	DATE DRAWN	DWG SIZE	DATE APPROVAL
100039	B	2014-02-05	B	2019-03-14
SCALE 2:3	DRAWN: JPW	SHEET: 1 OF 2	DWG APPROVAL: JWV	



THIS VIEW APPLIES TO BOTH DRAWINGS (TOP AND BOTTOM ON THE RIGHT) APPLY THIN LAYER OF TEFGEL ON METAL-TO-METAL INTERFACES BEFORE ASSEMBLY

1. BRACKET "A" TO FLANGE FACE
2. BRACKET "B" TO FLANGE FACE
3. BRACKET "A" TO OVP POSITIVE FACE
4. BRACKET "B" TO TERMINAL (4 PLACES)

THE FMFB KIT CONSISTS OF (2) DIFFERENT NICKEL PLATED COPPER BRACKETS, THE REQUIRED ASSEMBLY HARDWARE, TEFGEL, A CORROSION INHIBITOR, ARE READY FOR MOUNTING ANY OVP MODEL PRODUCT TO AN INSULATED FLANGE OF THE ANSI # CLASS AND PIPE DIAMETER FOR WHICH IT WAS ORDERED.

1A. IF THE FLANGE BOLT TO BE USED FOR MOUNTING BRACKET "A OR B" HAS A NUT AND WASHERS ON ONE END, REMOVE THE NUT AND WASHERS.

1B. IF THE FLANGE BOLT TO BE USED FOR MOUNTING BRACKET "A OR B" HAS NUTS AND WASHERS ON EACH END, REMOVE THE NUT AND WASHERS FROM EACH END.

2. IDEALLY, A NEW SLEEVE WOULD BE MADE THAT IS 1/8" LONGER THAN THE EXISTING FLANGE BOLT SLEEVE TO ACCOUNT FOR THE 1/16" THICKNESS OF THE TWO MOUNTING BRACKETS, ONE INSTALLED AGAINST EACH FLANGE FACE. IF THE INSULATING SLEEVE OVER THE FLANGE BOLT IS TO BE REUSED, THEN LEAVE THIS SLEEVE IN PLACE, BUT WHEN THE INSTALLATION IS COMPLETE USE A MULTIMETER TO CONFIRM THAT THE TWO FLANGES ARE ELECTRICALLY ISOLATED FROM EACH OTHER.

3. THE INSULATING COATING ON EACH FLANGE FACE MUST BE REMOVED WHERE BRACKET "A AND B" WILL BE IN CONTACT WITH THE FLANGE FACE.

4. APPLY A THIN COATING OF TEFGEL ON THE FACE OF EACH BRACKET "A AND B" WHERE IT WILL BE IN CONTACT WITH EACH FLANGE FACE. REFER TO THE CORRECT VIEW SO TEFGEL IS APPLIED ON THE CORRECT SIDE.

5A. IF THE FLANGE BOLT ONLY HAS A NUT AND WASHERS ON ONE END, THEN REMOVE THIS BOLT AND SLIDE A STEEL WASHER, A FIBER WASHER AND THEN BRACKET "A OR B", ORIENTED AS REQUIRED AGAINST THE BOLT HEAD. THEN SLIDE THIS BOLT THROUGH THE INSULATING SLEEVE ALL THE WAY THROUGH BOTH FLANGES. ON THE OTHER END OF THE BOLT, INSERT BRACKET "A OR B" ORIENTED AS REQUIRED, THEN A FIBER WASHER FOLLOWED BY A STEEL WASHER AND NUT. TIGHTEN THE NUT ENOUGH TO HOLD THE BRACKETS UPRIGHT BUT SO THEY CAN STILL BE ROTATED BY HAND FOR LATER ALIGNMENT.

5B. IF THE FLANGE BOLT IS A THREADED STUD THAT HAS A NUT AND WASHERS ON EACH END, SLIDE THIS THREADED STUD THROUGH THE INSULATING SLEEVE AS IT WAS. SLIDE BRACKET "A OR B", THEN A FIBER WASHER FOLLOWED BY THE STEEL WASHER AND NUT. TIGHTEN THE NUTS ON EACH END OF THE STUD ENOUGH TO HOLD THE BRACKETS UPRIGHT, BUT SO THEY CAN STILL BE ROTATED FOR LATER ALIGNMENT.

6. USING THE HARDWARE THAT WAS FURNISHED WITH THE OVP, ATTACH AN OVP TO THE "A" BRACKET AS SHOWN. APPLY TEFGEL BETWEEN MATING SURFACES OF THE OVP POSITIVE FACE AND BRACKET "A". PARTIALLY TIGHTEN THE NUTS SO THE "A" BRACKET CAN STILL BE ADJUSTED FOR FINAL ALIGNMENT.

7. PLACE THE OVP TERMINAL ON THE "B" BRACKET AFTER FIRST APPLYING TEFGEL BETWEEN MATING SURFACES. INSTALL THE BOLT, WASHERS AND NUTS PROVIDED WITH THE FMFB KIT AS SHOWN AND SEMI-TIGHTEN.

8. ALIGN ALL BRACKETS AS DESIRED AND THEN TIGHTEN ALL NUTS ON ALL BOLTS. CROSS CHECK THAT ALL NUTS HAVE BEEN SECURELY TIGHTENED AND THAT THE FLANGE BOLT NUT, OR NUTS, HAVE BEEN TORQUED TO THEIR SPECIFIED VALUE.

ANSI Y14.5M 1994 APPLIES

UNLESS NOTED
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ANGULAR: ±1



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DESCRIPTION
FMFB INSTALLATION

DOCUMENT #	REV	DATE DRAWN	DWG SIZE	DATE APPROVAL
100039	B	2014-02-05	B	2019-03-14
SCALE 1:2	DRAWN: JPW	SHEET: 2 OF 2	DWG APPROVAL: JWV	