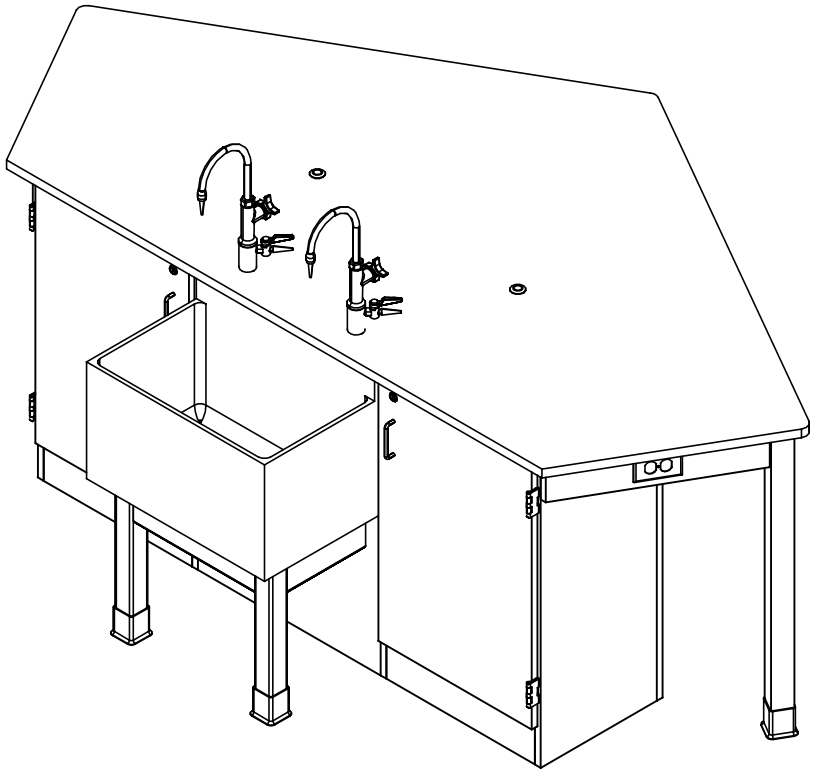
ASSEMBLY TEMPLATE

FORWARD VISION I

2916K, 2916KLH, 2936K, 2936KLH, 2946K, 2946KF, 2956K, & 2956KF SERIES
ASSEMBLY INSTRUCTIONS



NOTE:

1. MODEL VIEWS MAY NOT REPRESENT EXACT MODEL PURCHASED

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FORWARD VISION I
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ASSEMBLY TEMPLATE

TOOLS REQUIRED
½" WRENCH
½" SOCKET AND TORQUE WRENCH - OPTIONAL
CONTACT CEMENT
SCREW DRIVER
C-CLAMPS
SHIM STOCK (IF NEEDED)

ASSEMBLY COMPONENTS

ITEMS INCLUDED	PART #	PART DESCRIPTION	QTY
TOP	VARIES	TOP,EPOXY (SIZE VARIES W/ STYLE OF CABINET)	1
CABINET	N/A	2946 & 2956 CABINETS - 24"W X 35"H X 15.25"D	2
CABINET	N/A	2916 & 2936 CABINETS - 21"W X 35"H X 15.25"D	2
REMOVABLE PANEL	N/A	2946 & 2956 REMOVABLE PANEL - 18"W X 35"H X 0.75"D	1
REMOVABLE PANEL	N/A	2916 & 2936 REMOVABLE PANEL - 24"W X 35"H X 0.75"D	1
BACK PANEL	N/A	BACK PANEL - 66"W X 35"H X 0.75"D	1
SCREWS - REMOVABLE PANEL	100495	SCREW,#10X1- ½ PHIL TR. SMS,ZN	6
SCREWS - BACK PANEL	100478	SCREW,#8X1 ¼ SQ. WASHER FLAT HEAD	12
LONG APRON	N/A	LONG APRON - 0.81"THK X 4.50"W X 49"L	2
SHORT APRON	N/A	SHORT APRON - 0.81"THK X 4.50"W X 21.88"L	2
BRACKET - APRON TO CABINET	100972	BRACKET, APRON TO CABINET	2
SCREWS - APRON TO CABINET	100037	SCREW,#10X⅝ QUAD PNHD LUB	4
BOLT - APRON TO CABINET	100387	BOLT, ⅜ -16X1.50 HEX HEAD	4
NUT - APRON TO CABINET	100621	NUT, ⅜ -16 HEX ZINC	4
WASHER - APRON TO CABINET	100451	WASHER,5⁄16 FLAT ZINC PLATED	4
BRACKET - APRON TO APRON	100376	BRACKET, APRON TO APRON	1
SCREWS - APRON TO APRON	100037	SCREW,#10X⅝ QUAD PNHD LUB	8

NOTE:

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   1.1. EX. 2946K AND 2956K
2. **XX** INDICATES ITEMS USED ONLY FOR THE END SINK UNITS.
   2.1. EX. 2916K & KLH AND 2936K & KLH
3. ***XX*** INDICATES ITEMS USED ONLY FOR THE LAB HAND UNITS.
   3.1. EX. 2916KLH AND 2936KLH

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TITLE:
FORWARD VISION I
TOOLS AND ASSEMBLY COMPONENTS

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ASSEMBLY TEMPLATE

ASSEMBLY COMPONENTS

ITEMS INCLUDED	PART #	PART DESCRIPTION	QTY
BOLT - APRON TO APRON	100381	BOLT,5/16 X2- 3/4, CARRIAGE BOLT	2
NUT - APRON TO APRON	100044	NUT,HEX 5/16 -18 STEEL ZINC	2
WASHER - APRON TO APRON	100451	WASHER,5/16 FLAT ZINC PLATED	2
BRACKET - CORNER LEG	100077	CORNERS,STEEL TABLE APRON	2
SCREWS - CORNER LEG	100037	SCREW,#10X5/8 QUAD PNHD LUB	8
LEGS	500101	LEG,OAK,2.25X2.25X34.25	3
LEG HARDWARE KIT	520001	LEG HARDWARE KIT,1 LEG	2
LEG LEVELER	100079	LEG LEVELER,BLK,BASE 1	1
LEG BOOT	100076	LEG BOOT,BLK RUBBER	3
SILICONE	100711	SILICONE,SEALANT,CLEAR	1
RUBBER BASE MOLDING	100283	RUBBER BASE MOLDING (SOLD BY FOOT)	14
STAINLESS STEEL CORNERS	100057	CORNERS-STAINLESS STEEL,BASE	4
SCREWS - BASE	100064	SCREW,#6X 1/2 PTH SMS SS SCREW	16
ELECTRICAL BOX	100033	ELECTRICAL BOX 3.00X2X2.5 DEEP	2
ELECTRICAL OUTLET	100034	ELEC,OUTLET,GFI,20A 125V,BLK	2
FIXTURE - FAUCET	100074-BKR	FIXTURE,L65-WSA-DIV(MULTI-SERVICE)	2
FIXTURE - SINK	100691	SINK,EPOXY L3,BLK	1
FIXTURE - SINK TRAP	100056	SINK TRAP,PLASTIC ADJUSTABLE	1
FIXTURE - SINK STOPPER	100112	SINK STOPPER 1 1/2,BLK	1

NOTE:

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   3.1. EX. 2916KLH AND 2936KLH

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TITLE:
FORWARD VISION I
TOOLS AND ASSEMBLY COMPONENTS

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ASSEMBLY TEMPLATE

ASSEMBLY COMPONENTS

ITEMS INCLUDED	PART #	PART DESCRIPTION	QTY
FIXTURE - STRAINER	100055	SINK,OUTLET/STRAINER EPOXY,BLK	1
LONG APRON	N/A	LONG APRON FOR END SINK - 0.81"THK X 4.50"W X 16.06"L	1
SHORT APRON	N/A	SHORT APRON FOR END SINK - 0.81"THK X 4.50"W X 10.44"L	2
LEGS	500100	LEG,OAK,2.25X2.25X28.25	2
LEG HARDWARE	520001	LEG HARDWARE KIT, 1 LEG	2
LEG BOOT	100076	LEG BOOT,BLK RUBBER	2
BRACKET - CORNER LEG	100077	CORNERS,STEEL TABLE APRON	2
SCREWS - CORNER LEG	100037	SCREW,#10X 5/8 QUAD PNHD LUB	8
L BRACKET	100355	BRACKET,RAIL 1.25X1.25X4.25	2
SCREWS - L BRACKET	100649	SCREW,#8X 3/4 PHIL TRUSS HEAD SMS	8
FIXTURE - FAUCETS	100074-BKR	FIXTURE,L65-WSA-DIV(MULTI-SERVICE)	2
FIXTURE - SINK	100831	SINK,EPOXY 46E,BLK END/WALL	1
** FIXTURE - SINK TRAP**	100056	SINK TRAP,PLASTIC ADJUSTABLE	1
FIXTURE - STOPPER	100112	SINK STOPPER, 1 1/2,BLK	1
FIXTURE - STRAINER	100055	SINK,OUTLET/STRAINER EPOXY,BLK	1
ROD SOCKETS	206505	ROD SOCKET ASSY,SOCKET,WASHER,NUT	2
LAB HAND	101090	LAB HAND METAL	2
LAB HAND ROD	206578-P	ROD,LAB HAND,PLASTIC 7/8 DIAX9L	2

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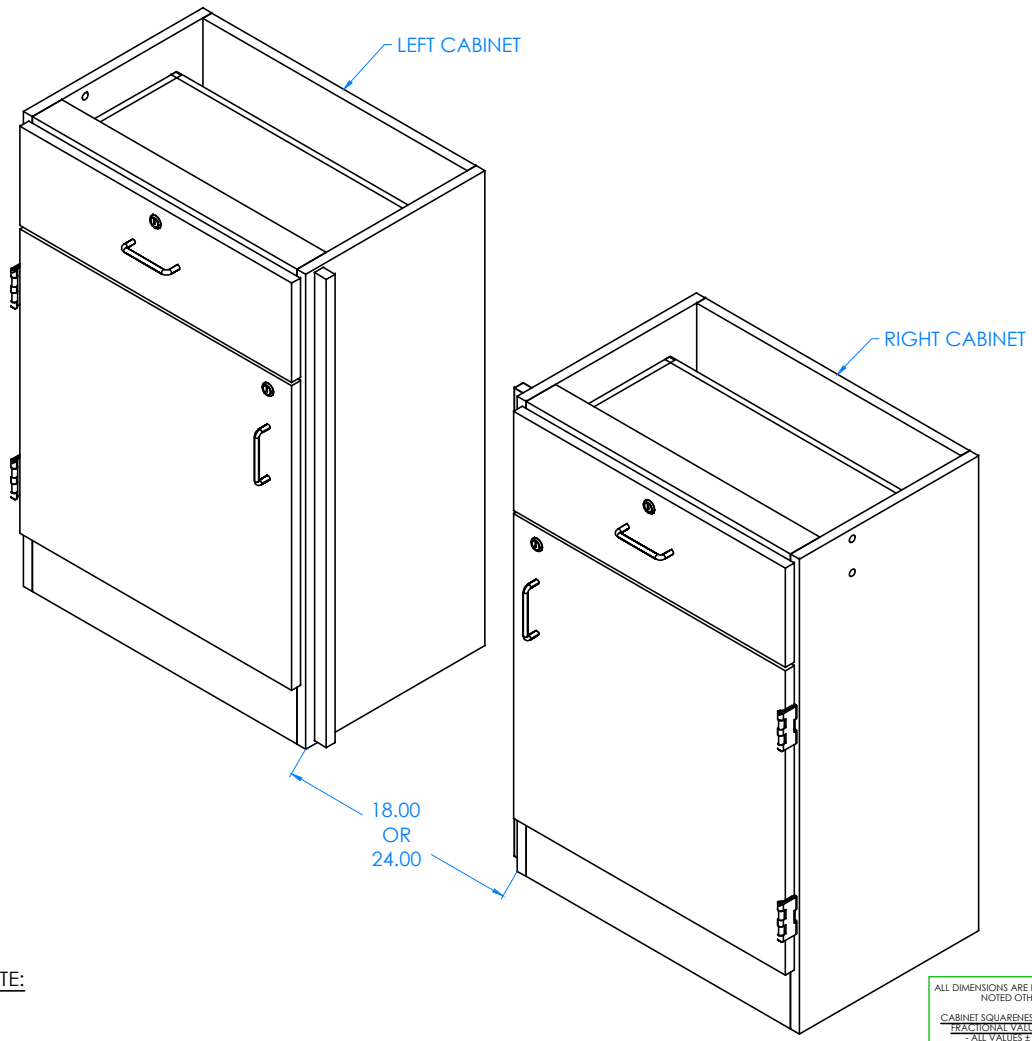
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TOOLS AND ASSEMBLY COMPONENTS

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STEP 1:

- POSITION THE TWO CABINETS IN DESIRED LOCATION.
- MAKE SURE DOOR HINGES ARE ON OUTSIDE.
- IF YOU HAVE A "K" OR "KLH" SERIES, PLACE UNIT OVER UTILITY HOOKUPS.
- LEAVE ENOUGH ROOM IN BETWEEN CABINETS FOR REMOVABLE PANEL (EITHER 18" OR 24", DEPENDING ON UNIT YOU HAVE).
- LEVEL CABINETS.
- ATTACH TO FLOOR.

NOTE:

1.

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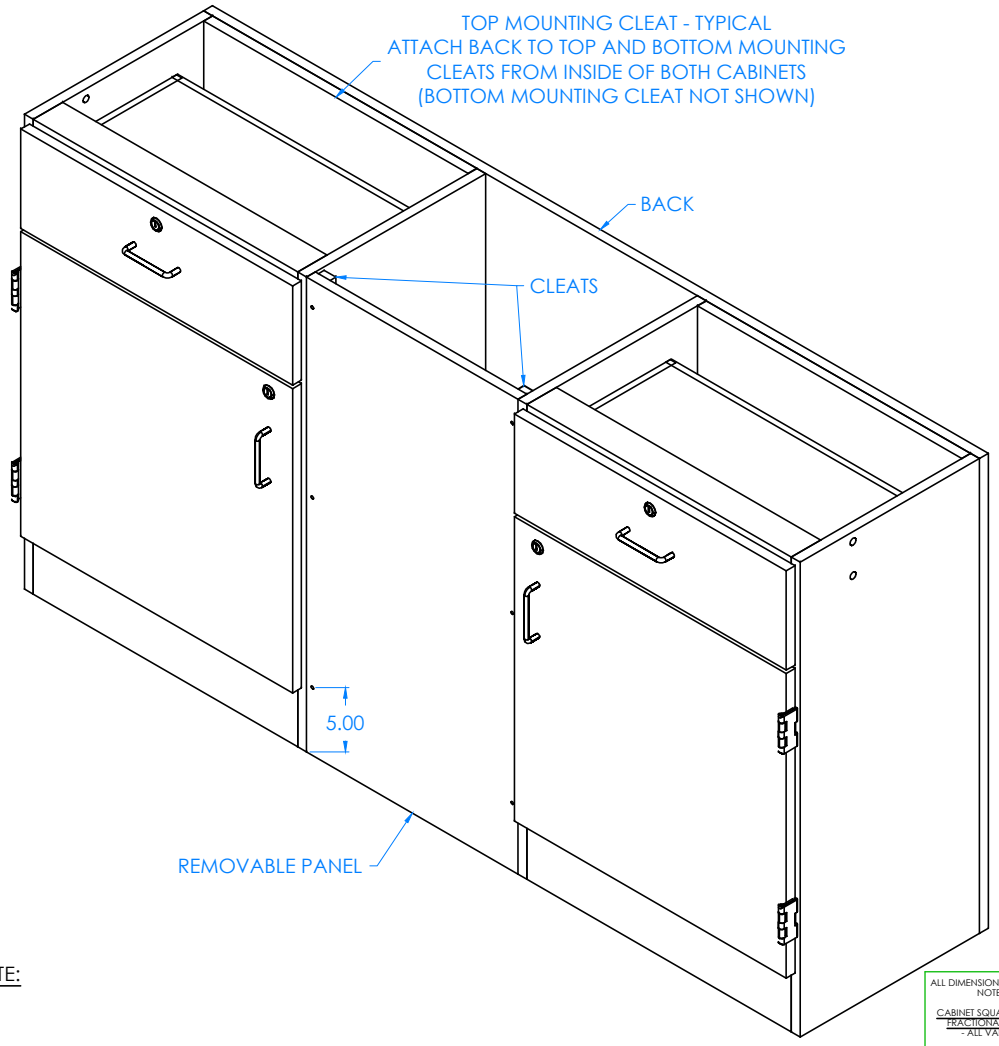
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STEP 2:

- ATTACH REMOVABLE PANEL WITH HARDWARE PROVIDED TO THE CLEATS ON SIDES OF LEFT AND RIGHT CABINETS BY DRILLING PILOT HOLES THROUGH CLEATS.
- POSITION REMOVABLE PANEL SO THAT BOTTOM HOLES ARE MORE THAN 4" ABOVE FLOOR.
- ATTACH BACK PANEL TO BACK OF CABINETS WITH HARDWARE PROVIDED INTO MOUNTING CLEATS LOCATED INSIDE ON TOP AND BOTTOM OF BOTH CABINETS.

NOTE:

1.

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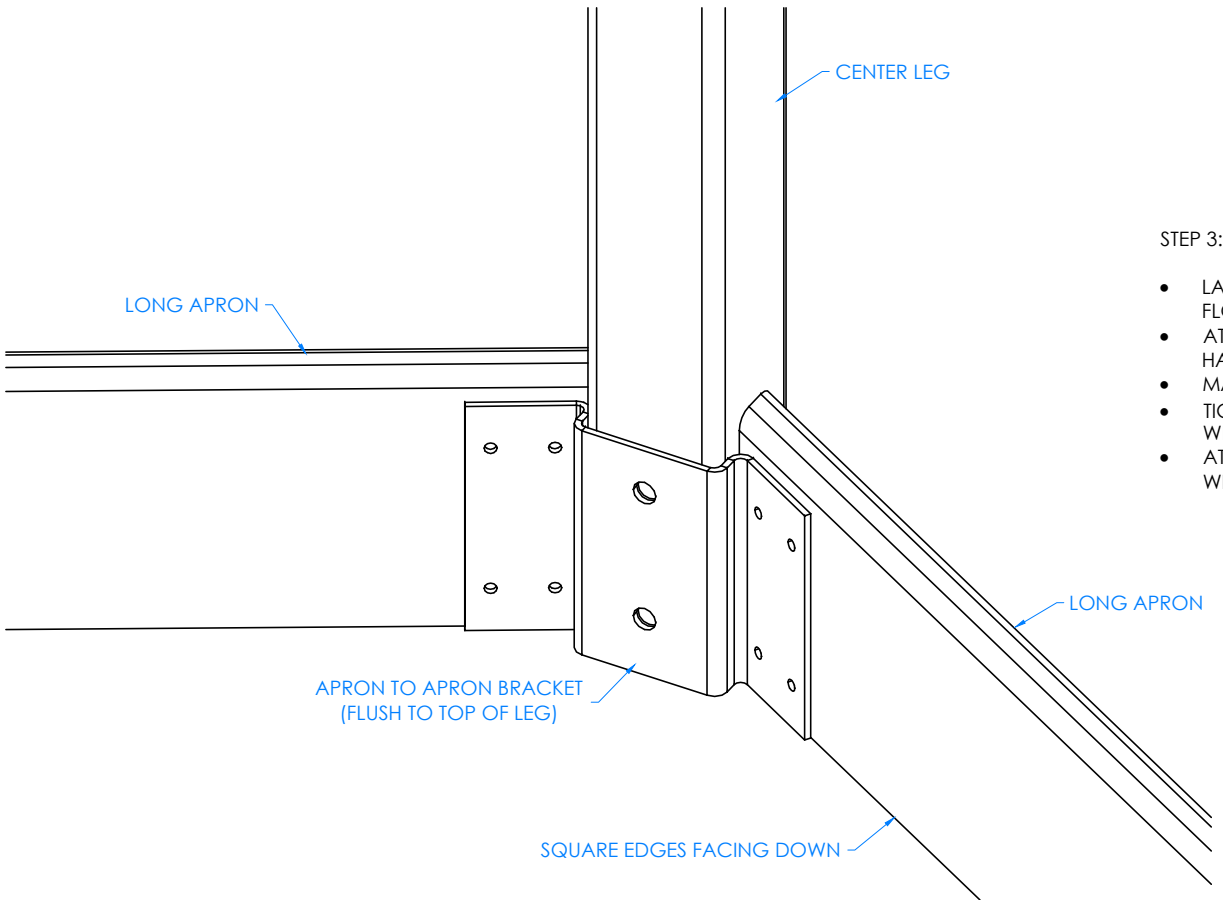
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CLOSE UP OF CENTER LEG AND APRON TO APRON BRACKET ASSEMBLY

STEP 3:

- LAYOUT WORKSTATION FRAME WITH SQUARE EDGES OF APRONS ON FLOOR AND BOTTOM OF LEGS FACING UP.
- ATTACH THE APRON TO APRON BRACKET ONTO CENTER LEG WITH HARDWARE PROVIDED.
- MAKE SURE BRACKET IS FLUSH TO TOP OF LEG.
- TIGHTEN NUTS USING A ½" WRENCH OR ½" SOCKET AND TORQUE WRENCH, TO A MINIMUM OF 12FT LBS BUT NOT TO EXCEED 17FT LBS.
- ATTACH THE TWO LONG APRONS TO THE APRON TO APRON BRACKET WITH HARDWARE PROVIDED.

NOTE:

1.

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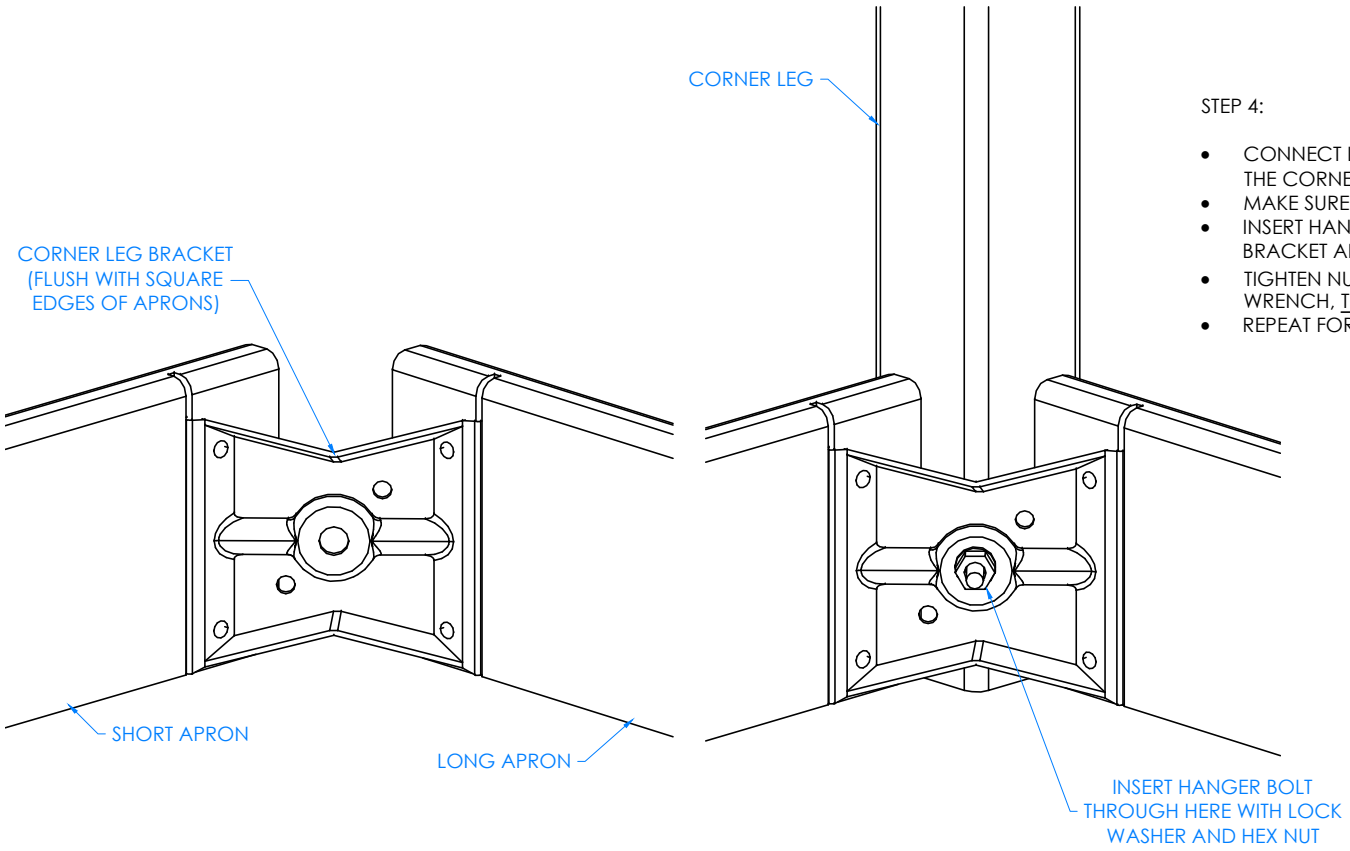
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CLOSE UP OF CORNER LEG AND CORNER LEG BRACKET ASSEMBLY

STEP 4:

- CONNECT LONG APRON AND SHORT APRON TOGETHER BY USING THE CORNER LEG BRACKET.
- MAKE SURE BRACKET IS FLUSH WITH SQUARE EDGES OF APRONS.
- INSERT HANGER BOLT ON ONE LEG THROUGH THE CORNER BRACKET AND INSERT LOCK WASHER AND HEX NUT.
- TIGHTEN NUT USING A ½" WRENCH OR ½" SOCKET AND TORQUE WRENCH, TO A MINIMUM OF 12FT LBS BUT NOT TO EXCEED 17FT LBS.
- REPEAT FOR OTHER CORNER LEG.

NOTE:

1.

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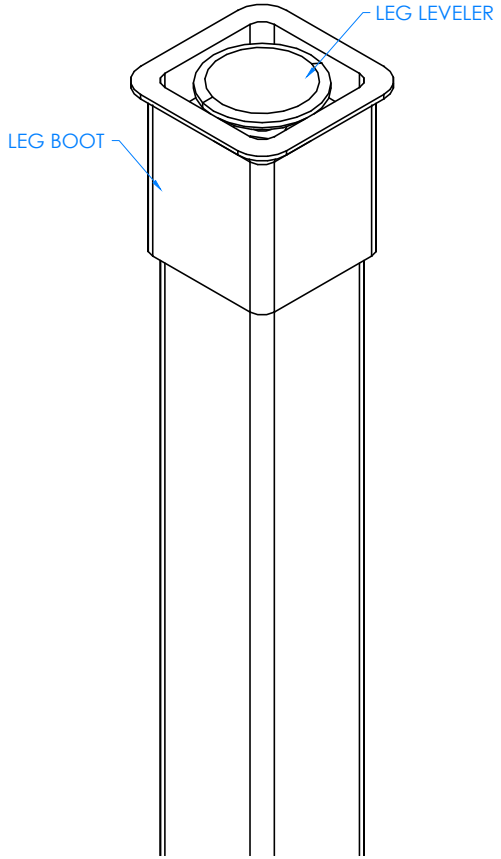
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CLOSE UP OF LEG LEVELER AND LEG BOOT ASSEMBLY

STEP 5:

- SLIDE LEG BOOT ONTO LEG WITH FLARED END TOWARDS BOTTOM OF LEG.
- SCREW LEG LEVELER INTO T-NUT ON BOTTOM OF THE LEG.
- REPEAT FOR ALL LEGS.

NOTE:

1.

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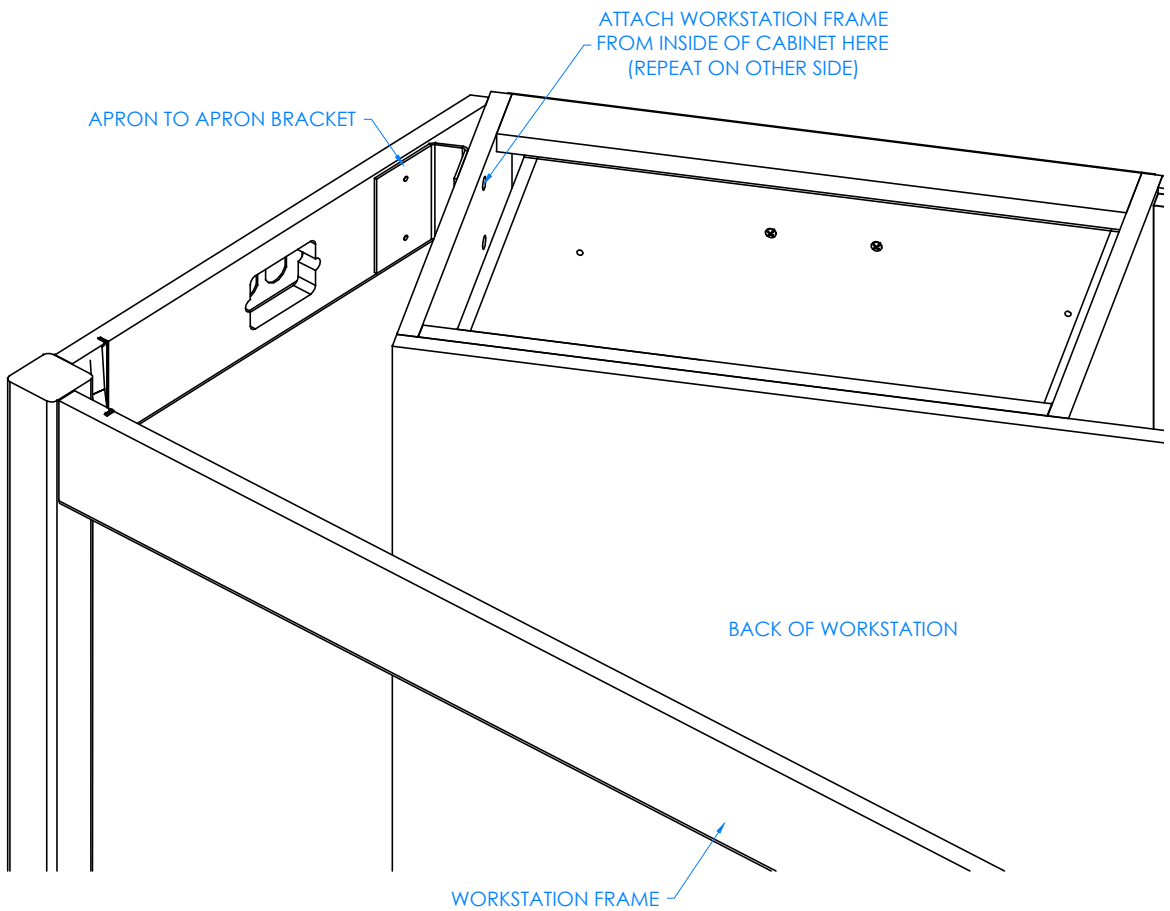
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ASSEMBLY TEMPLATE



STEP 6:

- WITH HELP FROM ANOTHER PERSON, STAND WORKSTATION FRAME UP.
- POSITION FRAME UP TO CABINET, MAKING SURE APRONS ARE SET IN ¼" FROM FRONT OF CABINETS.
- ATTACH APRON TO CABINET BRACKET ONTO APRON WITH REMAINING SCREWS PROVIDED.
- ATTACH BRACKET ONTO SIDES OF WORKSTATION BY GOING INSIDE OF THE CABINETS AND PLACING BOLTS THROUGH THE HOLES PROVIDED ON SIDES OF CABINET.
- INSERT WASHERS, AND NUTS ON OUTSIDE .
- TIGHTEN NUTS USING A ½" WRENCH OR ½" SOCKET AND TORQUE WRENCH, TO A MINIMUM OF 12FT LBS BUT NOT TO EXCEED 17FT LBS.

NOTE:

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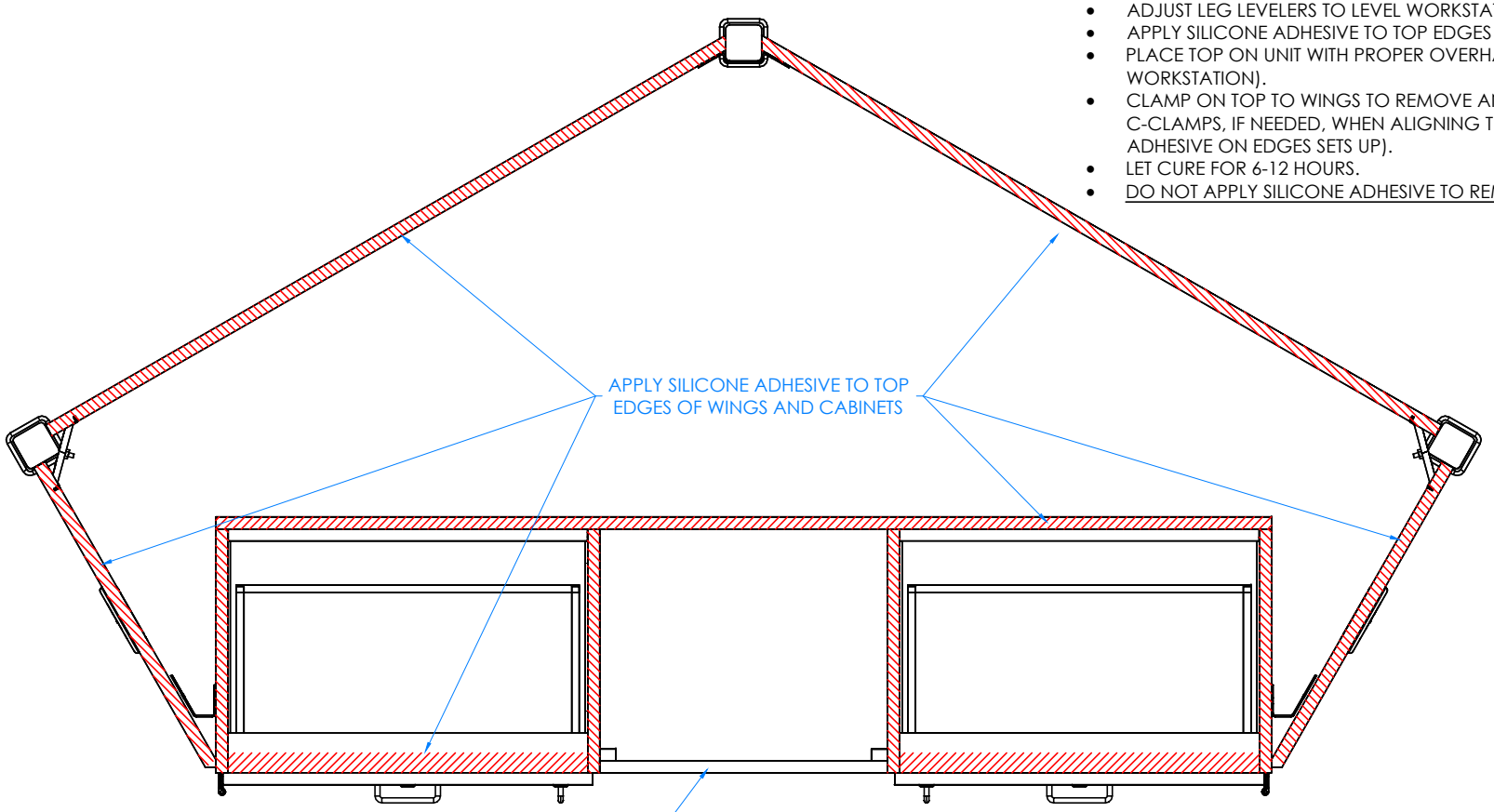
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STEP 7:

- ADJUST LEG LEVELERS TO LEVEL WORKSTATION FRAME WITH CABINETS.
- APPLY SILICONE ADHESIVE TO TOP EDGES OF CABINET AND WINGS.
- PLACE TOP ON UNIT WITH PROPER OVERHANG (CENTERED ON WORKSTATION).
- CLAMP ON TOP TO WINGS TO REMOVE ANY WARP USING SHIMS AND C-CLAMPS, IF NEEDED, WHEN ALIGNING THE TOP (DO THIS BEFORE ADHESIVE ON EDGES SETS UP).
- LET CURE FOR 6-12 HOURS.
- DO NOT APPLY SILICONE ADHESIVE TO REMOVABLE PANEL.



TOP VIEW OF WORKSTATION SHOWN

NOTE:

1.

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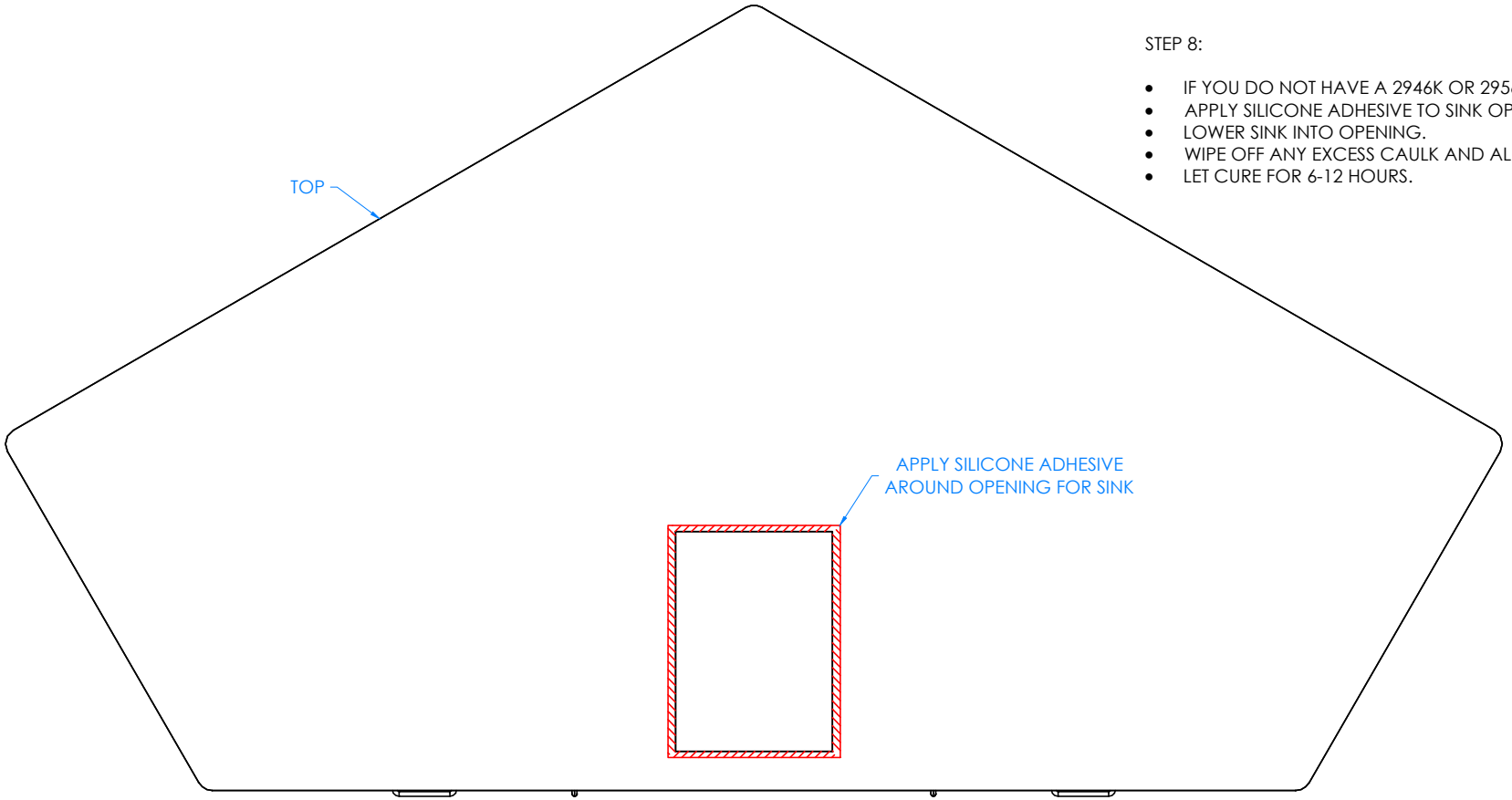
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STEP 8:

- IF YOU DO NOT HAVE A 2946K OR 2956K UNIT, SKIP TO STEP 13.
- APPLY SILICONE ADHESIVE TO SINK OPENING ON TOP.
- LOWER SINK INTO OPENING.
- WIPE OFF ANY EXCESS CAULK AND ALLOW TO SET.
- LET CURE FOR 6-12 HOURS.



NOTE:

1.

TOP VIEW OF WORKSTATION SHOWN

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REVISION LEVEL

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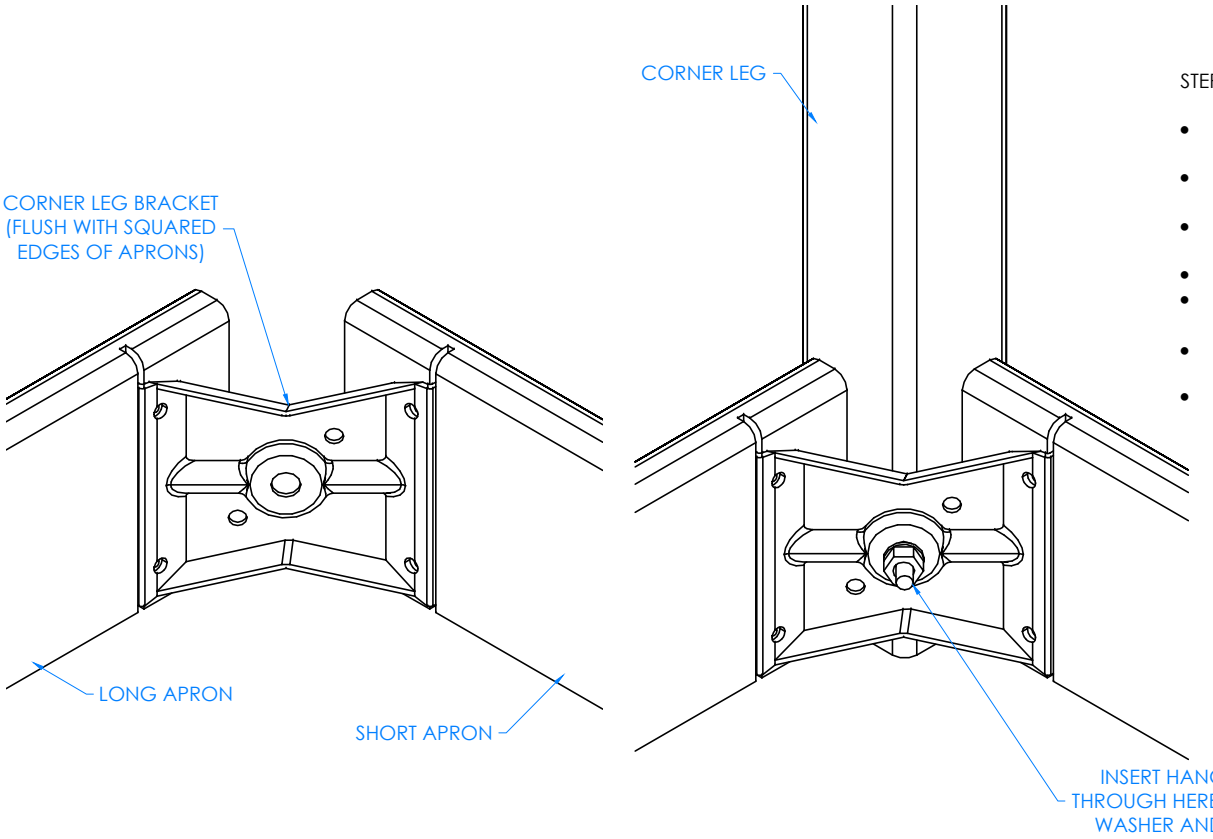
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CLOSE UP OF CORNER LEG BRACKET ON END SINK ASSEMBLY

STEP 9:

- IF YOU DO NOT HAVE A 2916K, 2916KLH, 2936K, OR 2936KLH UNIT, SKIP TO STEP 13.
- LAYOUT END SINK FRAME WITH SQUARE EDGES OF APRONS ON FLOOR AND BOTTOM OF LEGS FACING UP.
- CONNECT LONG APRON AND SHORT APRON OF THE END SINK FRAME TOGETHER BY USING THE CORNER LEG BRACKET.
- MAKE SURE BRACKET IS FLUSH WITH SQUARE EDGES OF APRONS.
- INSERT HANGER BOLT ON ONE OF THE LEGS THROUGH THE CORNER BRACKET AND INSERT LOCK WASHER AND HEX NUT.
- TIGHTEN NUT USING A ½" WRENCH OR ½" SOCKET AND TORQUE WRENCH, TO A MINIMUM OF 12FT LBS BUT NOT TO EXCEED 17FT LBS.
- REPEAT FOR OTHER CORNER LEG.

NOTE:

1.

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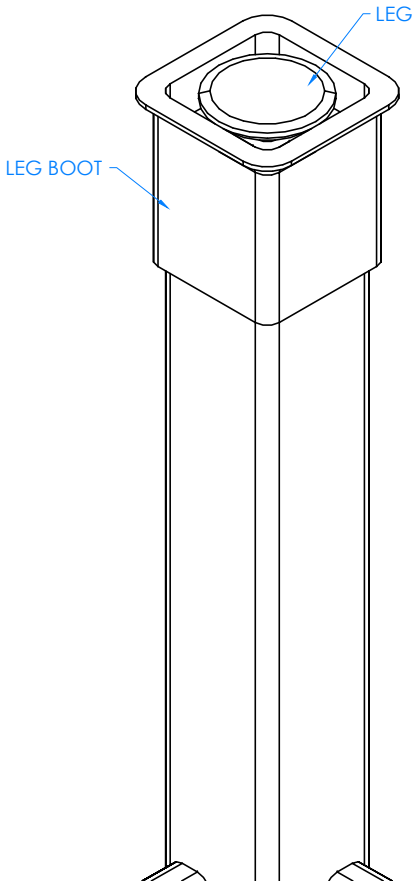
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CLOSE UP OF LEG LEVELER AND LEG BOOT ON END

STEP 10:

- SLIDE LEG BOOT ONTO LEG WITH FLARED END TOWARDS BOTTOM OF LEG.
- SCREW LEG LEVELER INTO T-NUT ON BOTTOM OF THE LEG.
- REPEAT FOR OTHER LEG.

NOTE:

1.

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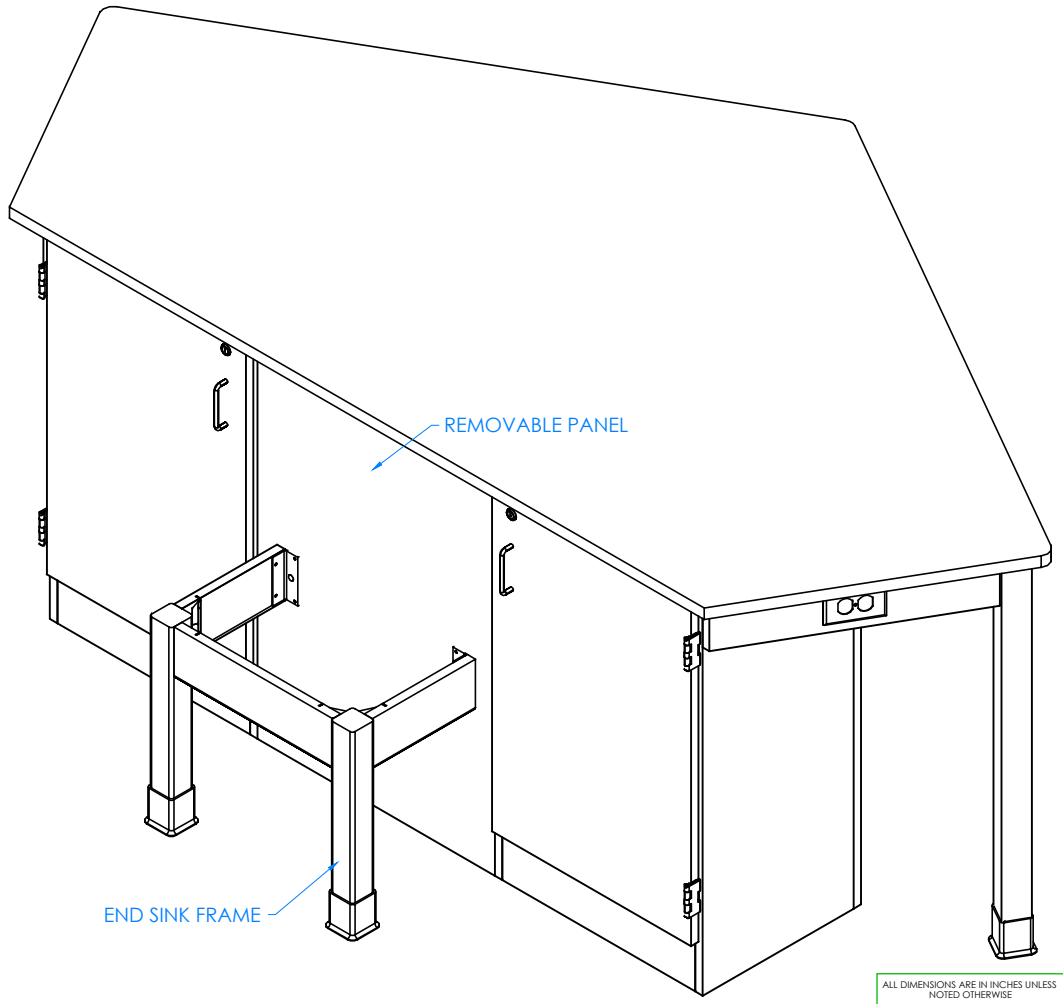
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STEP 11:

- TURN END SINK FRAME UP SO SQUARE EDGES ARE FACING UP AND BOTTOM OF LEGS ARE ON FLOOR.
- LEVEL END SINK FRAME.
- ATTACH TO REMOVABLE PANEL WITH HARDWARE PROVIDED.

NOTE:

1.

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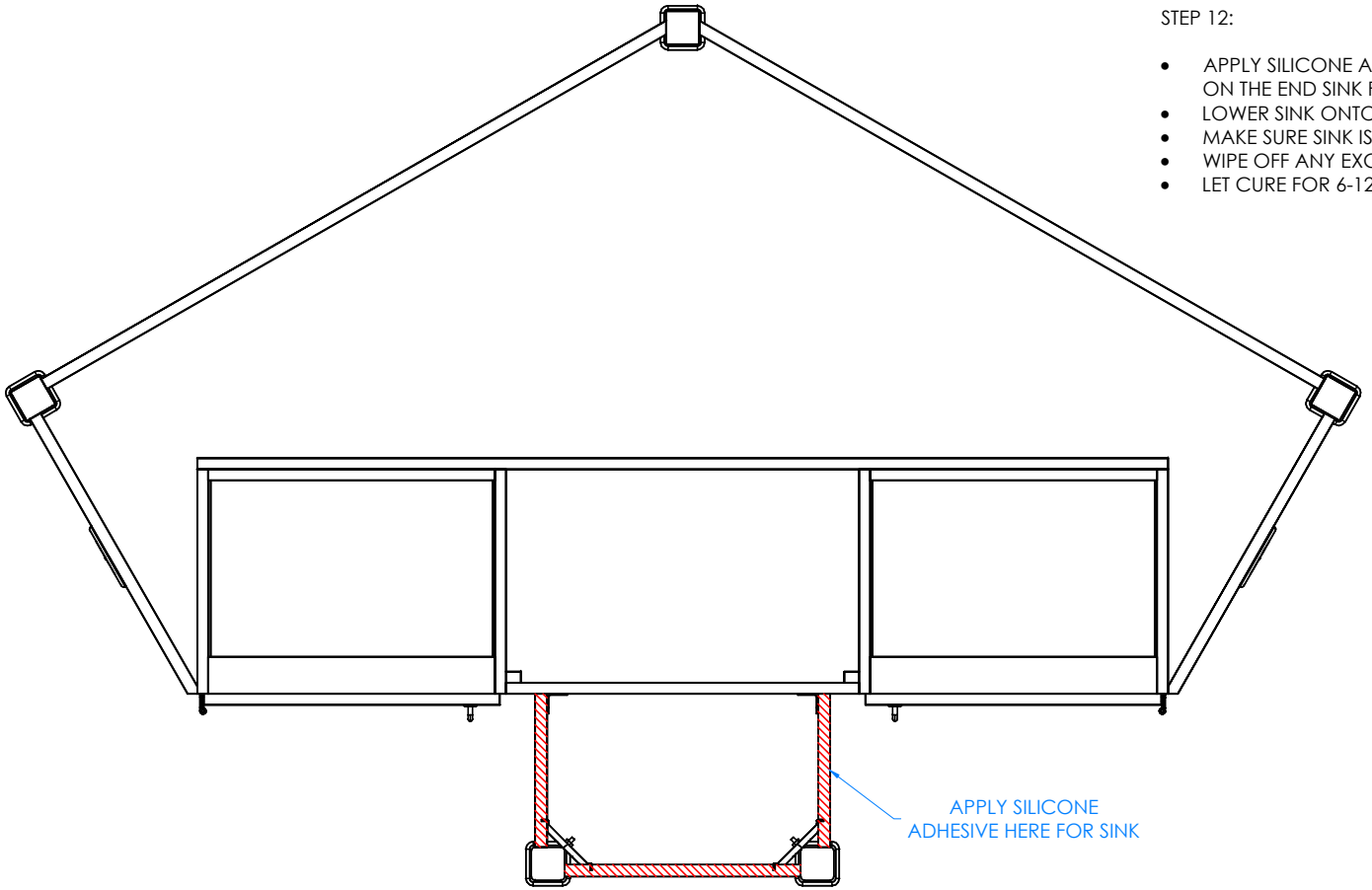
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STEP 12:

- APPLY SILICONE ADHESIVE TO TOP EDGES OF WINGS ON THE END SINK FRAME.
- LOWER SINK ONTO FRAME.
- MAKE SURE SINK IS TIGHT AGAINST CABINET PANEL.
- WIPE OFF ANY EXCESS CAULK AND ALLOW TO SET.
- LET CURE FOR 6-12 HOURS.



TOP VIEW OF END SINK FRAME SHOWN
(TOP REMOVED TO SHOW CLARITY)

NOTE:

1.

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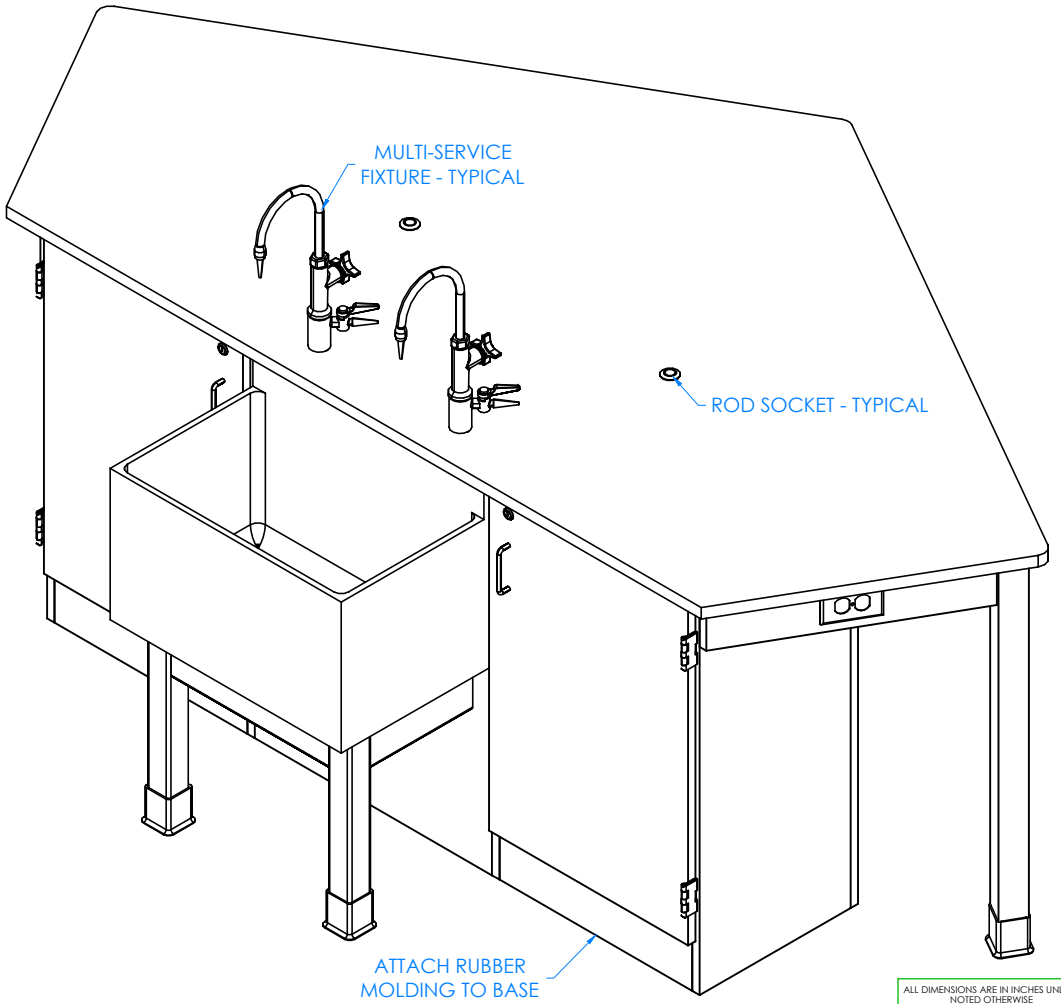
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COMPLETE UNIT SHOWN

STEP 13:

- ATTACH RUBBER MOLDING TO BASE OF WORKSTATION USING CONTACT CEMENT.
- SCREW STAINLESS STEEL CORNER BRACKETS ON EACH CORNER OVER BASE MOLDING WITH HARDWARE PROVIDED.
- IF YOU HAVE A 2916K, 2916KLH, 2936K, 2936KLH, 2946K, OR 2956K UNIT, INSTALL MULTI-SERVICE FIXTURES IN THE HOLES PROVIDED ON TOP.
- INSERT ROD SOCKETS INTO PRE-DRILLED HOLES IN TOP.

NOTE:

1. ALL WATER, ELECTRICAL, AND GAS CONNECTIONS SHOULD BE PERFORMED BY A TRAINED PROFESSIONAL PER LOCAL CODE.

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TROUBLESHOOTING YOUR GFCI ELECTRICAL RECEPTACLE:

PLEASE NOTE: THROUGHOUT ANY OF THE FOLLOWING STEPS (PROCEDURES); IF YOU ARE NOT SURE YOU CAN DO THIS JOB SAFELY, AND COMPETENTLY, REFER THIS WORK TO QUALIFIED PROFESSIONAL!

If your unit comes equipped with a GFCI (Ground Fault Circuit Interrupter) electrical receptacle, and there is no power in the receptacle please consider/check the following:

- The extension cord (if being used) is working properly.
- The breaker hasn't been tripped, or turned off.

This type of GFCI has two testing-related buttons on it. One button is appropriately labeled "TEST", and the other button is labeled "RESET". To test the GFCI receptacle follow these steps:

- Plug in an appliance (lamp or night light) into the outlet. The light should now be on. Then press the "TEST" button on the GFCI. The GFCI "RESET" button should pop out, and the light should go out.
- If the "RESET" button pops out, but the light doesn't go out, the GFCI has been improperly wired. In this case please contact a certified professional. There may also be a problem with other wiring in the same circuit.
- If the "RESET" button doesn't pop out, the GFCI is defective, or malfunctioned, and should be replaced.
- If the GFCI is functioning properly, and the lamp goes out, press the "RESET" button to restore power to the outlet.

Conversely, if you have a GFI that has tripped (which is common) and it will not reset, you may have a wiring short in the circuit, a defective appliance on the circuit, or the GFI itself has become defective. To test a tripping GFCI follow these steps:

- Remove every appliance connected to the GFCI's circuit and reset it. If it doesn't reset there may either be a wiring fault behind a socket outlet, or your GFCI itself has become faulty.
- Make sure whatever you are plugging into to the GFCI is dry and not damaged.
- Only plug in one item at a time. If you are plugging in a defective item it will cause the GFCI to trip, and that item therefore should be replaced.

If you are still having difficulty the easiest way to troubleshoot a GFI is to obtain a GFI tester, which is available at most hardware stores. It plugs into the GFI outlet, and will supply you with a "snapshot" of your connections, indicating wiring problems and/or the condition of the GFI. Another way to troubleshoot is to simply purchase a new GFI and install it.