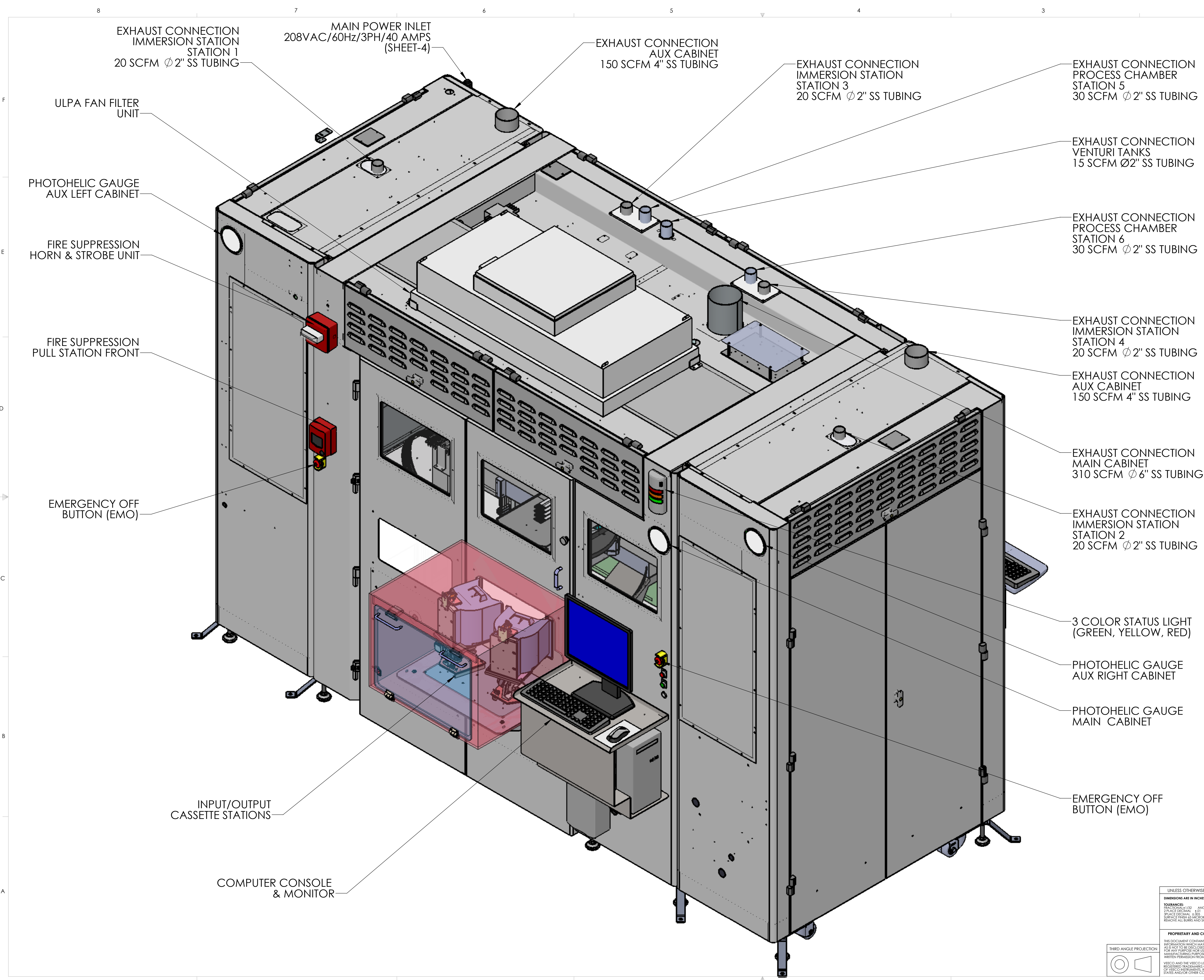
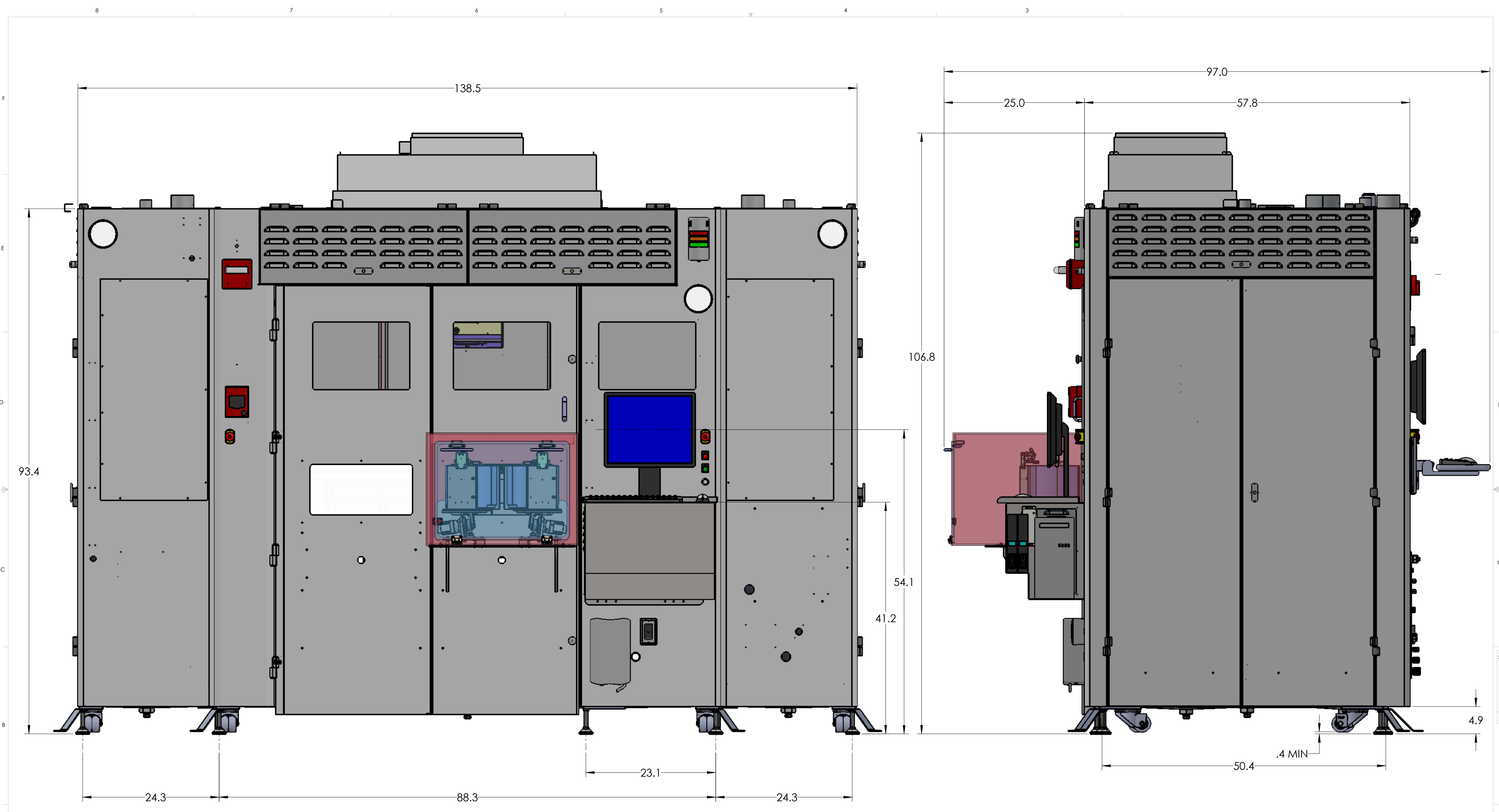


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	DRAWING RELEASE	6/12/2019	DP/MK



- NOTE:**
- MACHINE CONFIGURED FOR Ø200mm WAFERS-3mm THK.
  - CASSETTE TYPES: T.B.D.
  - APROX. DRY WEIGHT OF MACHINE (W/O CHEMICALS) 6700 LBS (3039Kg).
  - EXHAUST CONNECTIONS FOR IMMERSION STATIONS #1,#2, #3 & #4; PROCESS CHAMBERS #5&#8 & TANK VENTS MUST BE LIQUID TIGHT DUE TO CONDENSING SOLVENT VAPORS PRESENT.
  - CO<sub>2</sub> FIRE SUPPRESSION SYSTEMS NOT SHOWN (DEDICATED POWER SOURCE REQ'D). REFER TO FIRE SUPPRESSION DOCUMENTATION PACKAGE).
  - 12' TO 13' FLEXIBLE CONDUIT w/ APPROPRIATELY SIZED WIRE IS SUPPLIED PREWIRED TO THE MAIN DISCONNECT FOR CONNECTION TO CUSTOMER'S ELECTRICAL SOURCE. REFER TO ELECTRICAL SCHEMATICS SUPPLIED w/ DOCUMENTATION PACKAGE.
  - ALL DIMENSIONS ARE IN INCHES.

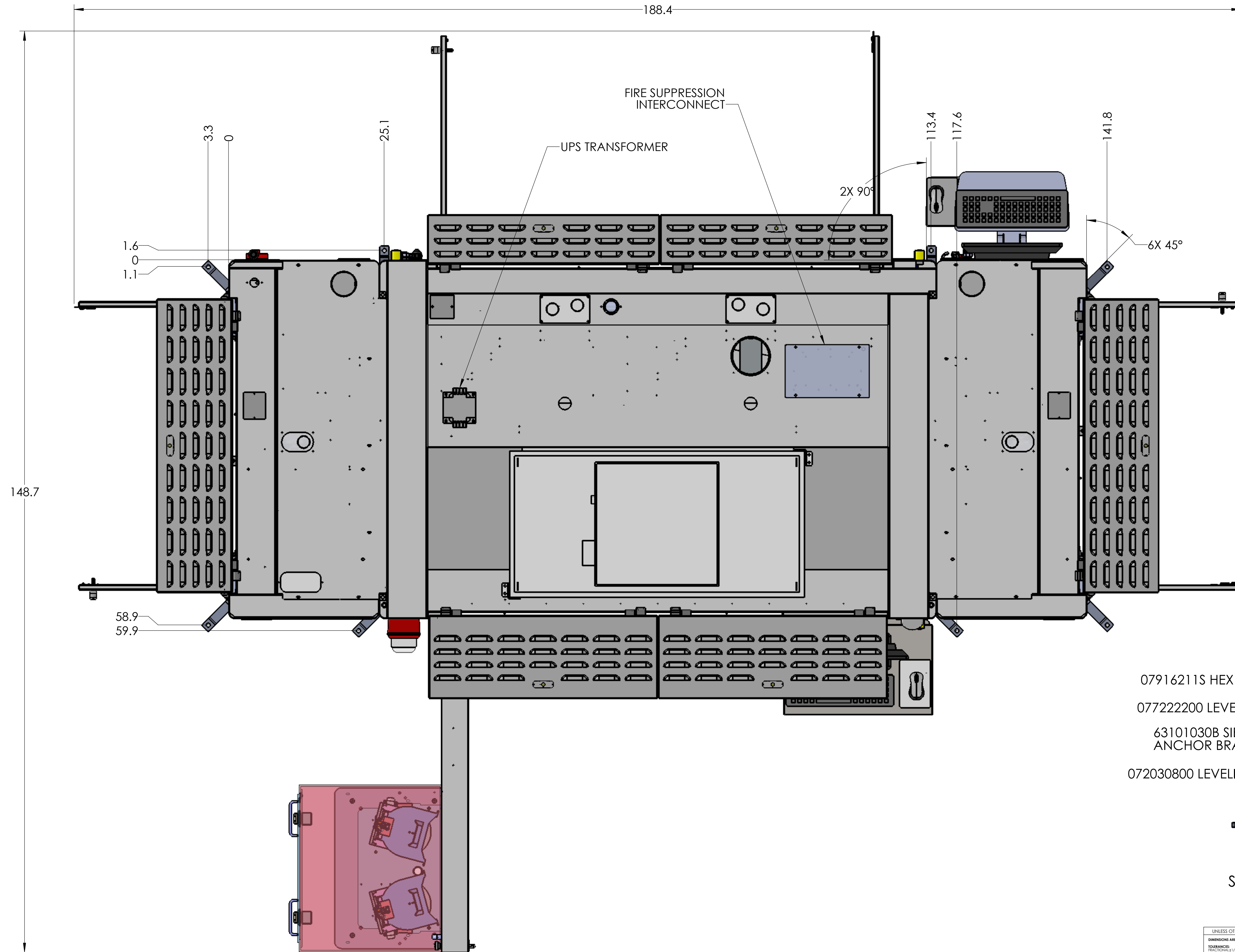
UNLESS OTHERWISE SPECIFIED:		MATERIAL		NAME		DATE			
DIMENSIONS ARE IN INCHES				DWP		05/23/19		TITLE:	
TOLERANCES: FRACTIONAL ±.02 ANGULAR: MACH 1/12° SURFACE DECIMAL: ±.01 SURFACE DECIMAL: ±.005 SURFACE FINISH AS SPECIFIED OR BETTER. REMOVE ALL BURRS AND SHARP EDGES.								<b>OUTLINE &amp; FACILITIES DRAWING M3306</b>	
<small>PROPRIETARY AND CONFIDENTIAL: THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH MAY BE CONTROLLED AS SUCH BY VEeco. THIS DOCUMENT IS FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM VEeco. VEeco AND THE VEeco LOGO ARE EITHER REGISTERED TRADEMARKS OR TRADEMARKS OF VEeco INDUSTRIES, INC. IN THE UNITED STATES AND/OR OTHER COUNTRIES.</small>		FINISH		COMMENTS / USED ON:		SCALE: 1:8		SIZE: <b>D</b> DWG. NO.: REV: <b>A</b>	
		INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME Y14.5M-1994		SIMILAR TO P/N:		WEIGHT:		SHEET 1 OF 7	



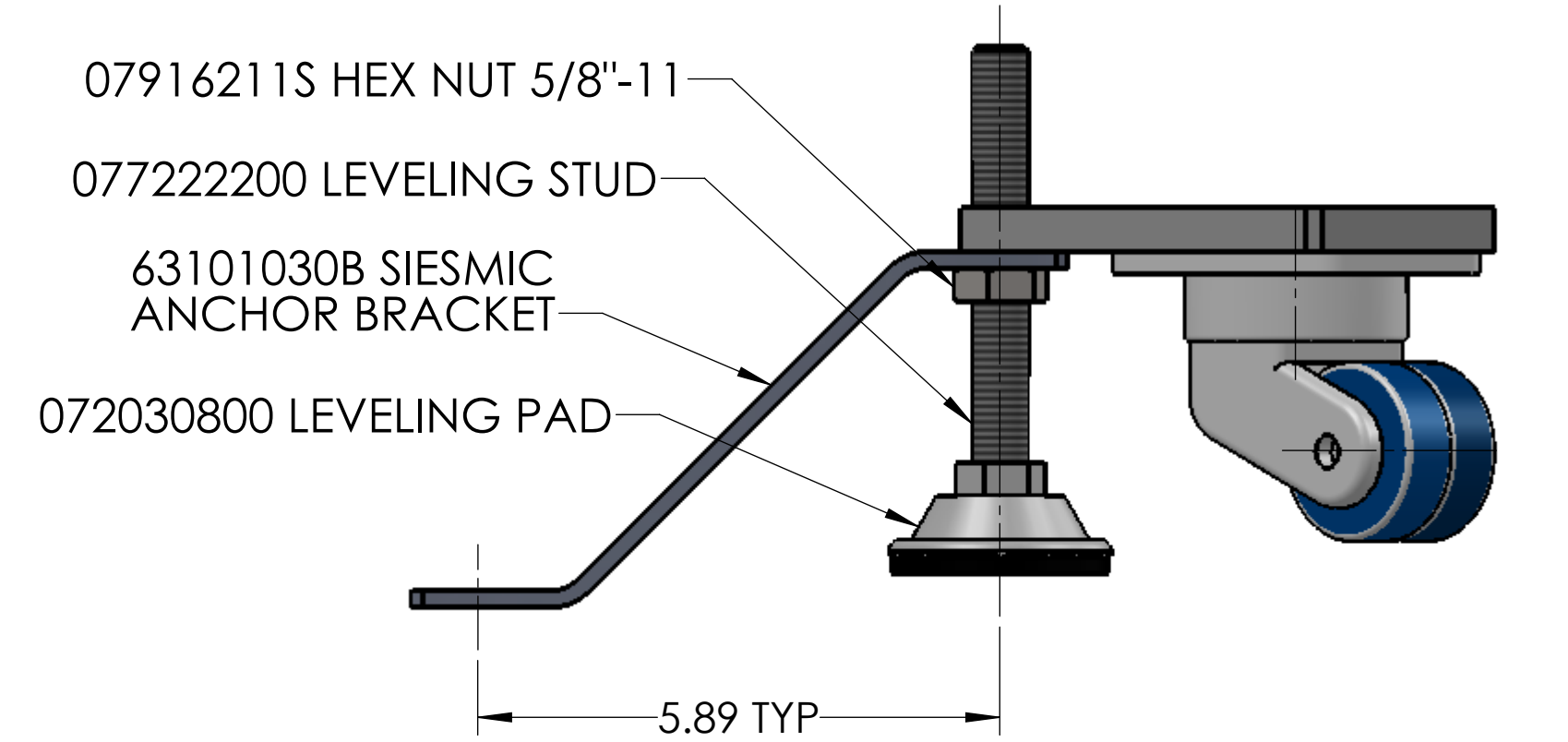
**FRONT VIEW**

**RIGHT SIDE VIEW**

UNLESS OTHERWISE SPECIFIED:		MATERIAL		NAME	DATE	 <small>Precision Surface Processing 185 County Road Houston, TX 77058, USA</small>	
DIMENSIONS ARE IN INCHES				DRAWN	DWP		05/23/19
TOLERANCES:				CHECKED			
<small>FRONT SURF: ±.002 ANGULAR: MACH 1/12"          SURFACE DECIMAL: ±.01          SURFACE DECIMAL: ±.005          SURFACE FINISH AS SPECIFIED OR BETTER.          REMOVE ALL BURRS AND SHARP EDGES.</small>				ENG APPR:			
<small>PROPRIETARY AND CONFIDENTIAL          THIS DOCUMENT CONTAINS CONFIDENTIAL          INFORMATION WHICH MAY BE CONTROLLED          AS SUCH BY THE DRAWING CONTROLS          FOR ANY PURPOSE NOR USED FOR          MANUFACTURING PURPOSES WITHOUT          WRITTEN PERMISSION FROM VEECO.</small>		FINISH		MFG APPR:			
<small>VEECO AND THE VEECO LOGO ARE EITHER          REGISTERED TRADEMARKS OR TRADEMARKS          OF VEECO INDUSTRIES, INC. IN THE UNITED          STATES AND/OR OTHER COUNTRIES.</small>		<small>INTERPRET GEOMETRIC TOLERANCING          PER: ANSI/ASME Y14.5M-1994</small>		COMMENTS / USED ON:		<small>SCALE: 1:8</small> <b>D</b>	
				SIMILAR TO P/N:		<small>REV</small> <b>A</b>	
						<small>WEIGHT:</small> SHEET 2 OF 7	

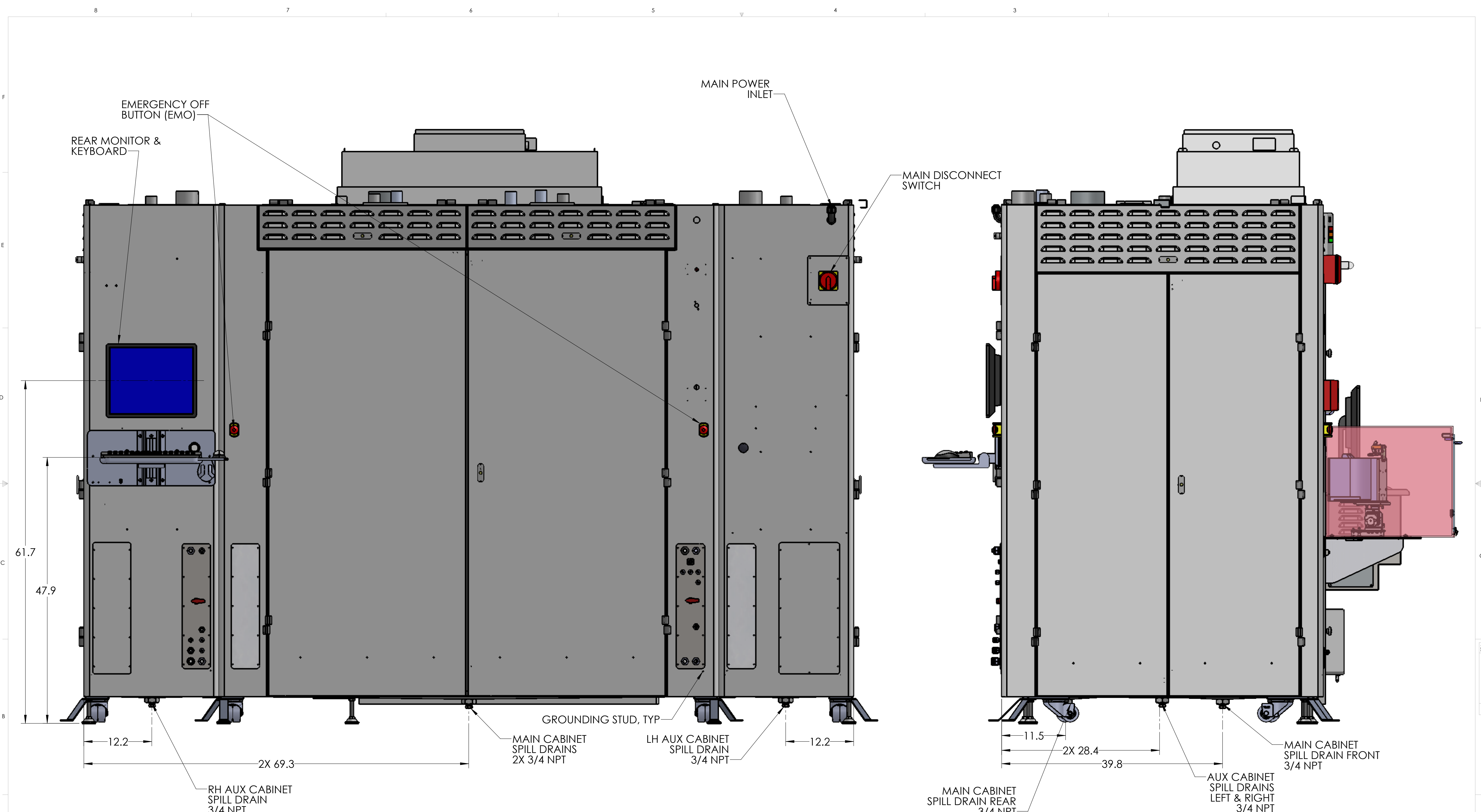


**TOP VIEW**



**SEISMIC ANCHOR BRACKET INSTALLATION - 45°  
SCALE 1:2  
DETAIL SHOWN WITHOUT FRAME COMPONENTS**

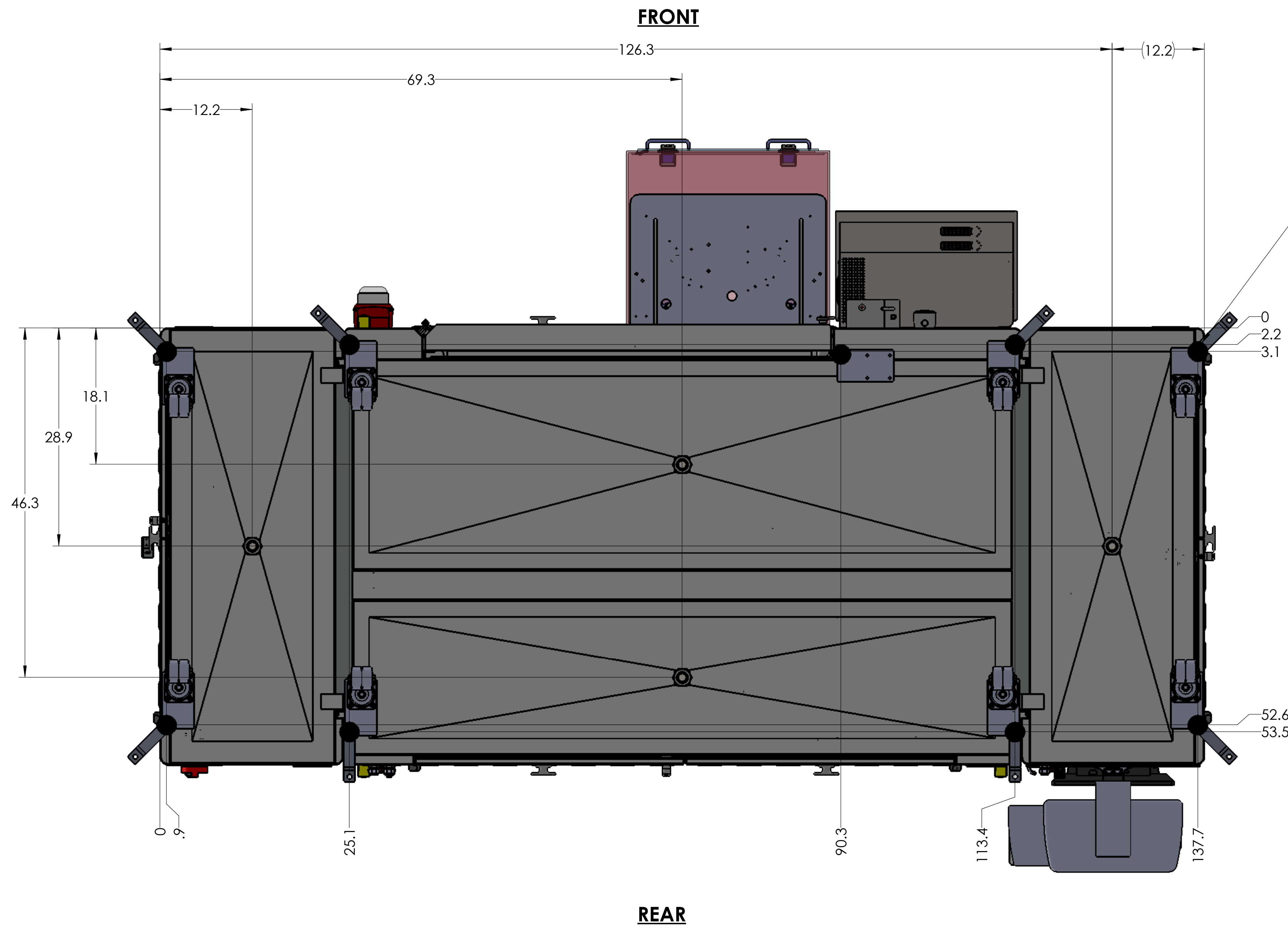
UNLESS OTHERWISE SPECIFIED:		MATERIAL		NAME	DATE	 <small>185 County Road Houston, TX 77058, USA</small>
DIMENSIONS ARE IN INCHES				DRAWN	DWP	
TOLERANCES:		FINISH		CHECKED		<b>OUTLINE &amp; FACILITIES DRAWING M3306</b>
FRACTIONAL: 1/32 ANGULAR: EACH 1/12°				ENG APPR:		
DECIMAL: .005 SURFACE DECIMAL: .010				MFG APPR:		
SURFACE FINISH: AS MANUFACTURED OR BETTER. REMOVE ALL BURRS AND SHARP EDGES.				G.A.		COMMENTS / USED ON: SIZE: <b>D</b> DWG. NO. <b>A</b> SCALE: 1:8 WEIGHT: SHEET 3 OF 7
<small>THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH MAY BE CONTROLLED AS SUCH TO THE EXTENT THAT DISCLOSURE FOR ANY PURPOSE NOT USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM VEECO.</small>		<small>VEECO AND THE VEECO LOGO ARE EITHER REGISTERED TRADEMARKS OR TRADEMARKS OF VEECO INDUSTRIES, INC. IN THE UNITED STATES AND/OR OTHER COUNTRIES.</small>		<small>INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME Y14.5M-1994</small>		<small>THIRD ANGLE PROJECTION</small>



**REAR VIEW**

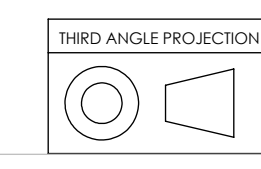
**LEFT SIDE VIEW**

UNLESS OTHERWISE SPECIFIED:		MATERIAL		NAME	DATE	 <small>Precision Surface Finishing 185 Gougar Road Houston, TX 77058, USA</small>
<small>DIMENSIONS ARE IN INCHES</small> TOLERANCES: FRACTIONAL ±.002 ANGULAR: MACH ±1/2° SURFACE DECIMAL: ±.01 SURFACE DECIMAL: ±.005 SURFACE FINISH: AS SPECIFIED OR BETTER. REMOVE ALL BURRS AND SHARP EDGES.		FINISH		DRAWN	DWP	
<small>PROPRIETARY AND CONFIDENTIAL</small> THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION TO WHICH MAY BE CONTROLLED AS SET FORTH IN THE DRAWING FOR ANY PURPOSE NOT USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM VEECO.				ENG APPR:		
<small>VEECO AND THE VEECO LOGO ARE EITHER REGISTERED TRADEMARKS OR TRADEMARKS OF VEECO INDUSTRIES, INC. IN THE UNITED STATES AND/OR OTHER COUNTRIES.</small>		<small>INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME Y14.5M-1994</small>		MFG APPR:		
				G.A.		
				COMMENTS / USED ON:		
				SIMILAR TO P/N:		
				SCALE: 1:8		WEIGHT:
				SIZE DWG. NO.		REV
				D		A
				DRAWING M3306		SHEET 4 OF 7



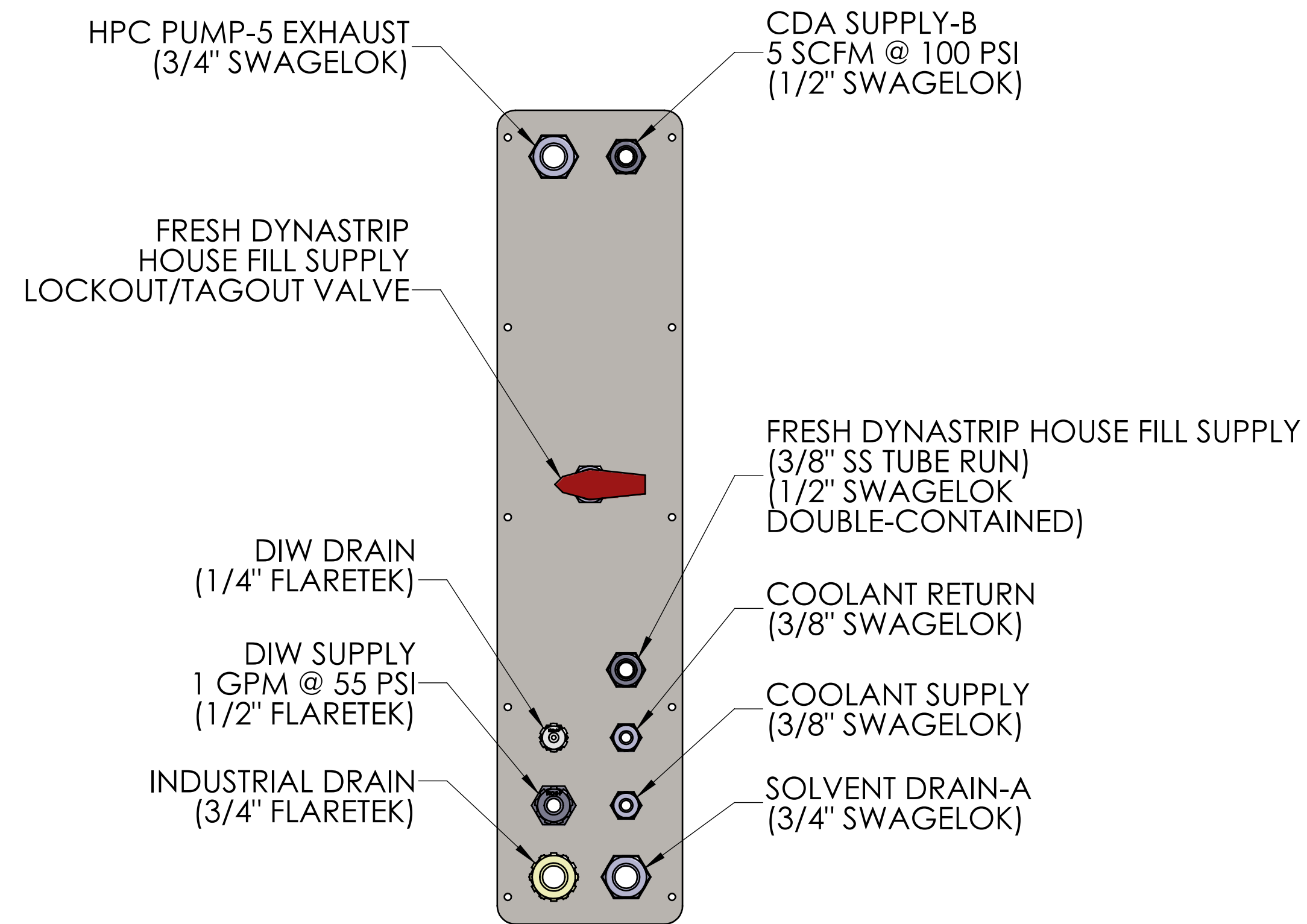
**DRAIN LOCATIONS AS VIEWED FROM BOTTOM OF MACHINE**  
**3/4" NPT TYPICAL, 4 PLACES**

UNLESS OTHERWISE SPECIFIED:		MATERIAL		NAME	DATE	 <small>185 County Road          Houston, TX 77058, USA</small>	
DIMENSIONS ARE IN INCHES		-		DRAWN	DWP		05/23/19
TOLERANCES: FRACTIONS ±.002 ANGULAR: MAX ±1/2°		-		CHECKED			
2 PLACE DECIMAL ±.01		-		ENG APPR:			
3 PLACE DECIMAL ±.005		-		MFG APPR:			
SURFACE FINISH AS INDICATED OR BETTER. REMOVE ALL BURRS AND SHARP EDGES.		FINISH		G.A.			
<small>THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH MAY BE CONTROLLED AS SUCH BY THE USER. THIS DOCUMENT IS FOR ANY PURPOSE NOR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM VEECO.</small>		-		COMMENTS / USED ON:			
<small>VEECO AND THE VEECO LOGO ARE EITHER REGISTERED TRADEMARKS OR TRADEMARKS OF VEECO INDUSTRIES, INC. IN THE UNITED STATES AND/OR OTHER COUNTRIES.</small>		-		SIMILAR TO P/N:			
<small>INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME Y14.5M-1994</small>		-		SCALE: 1:8	WEIGHT:	SHEET 5 OF 7	

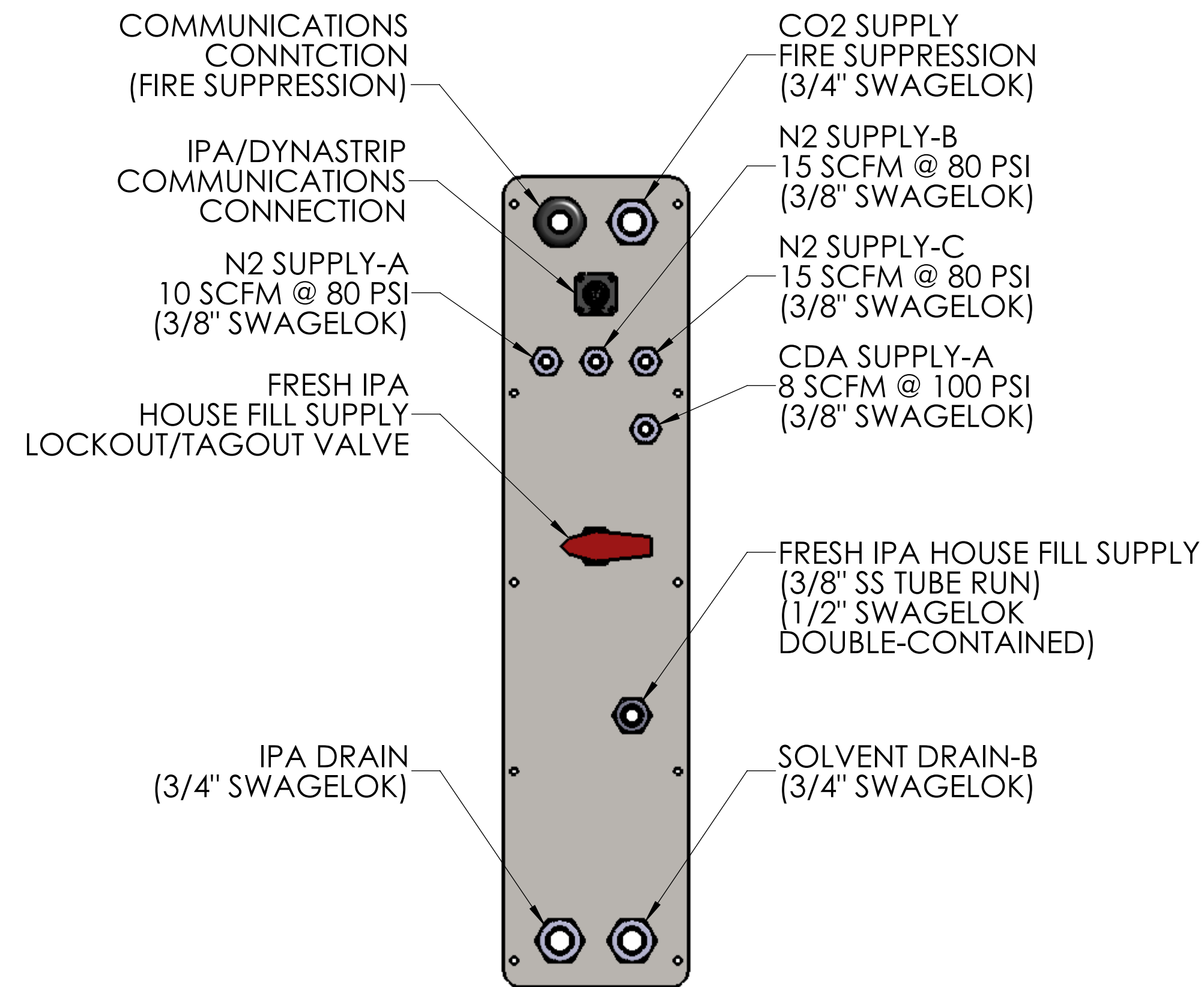


A  
B  
C  
D  
E  
F

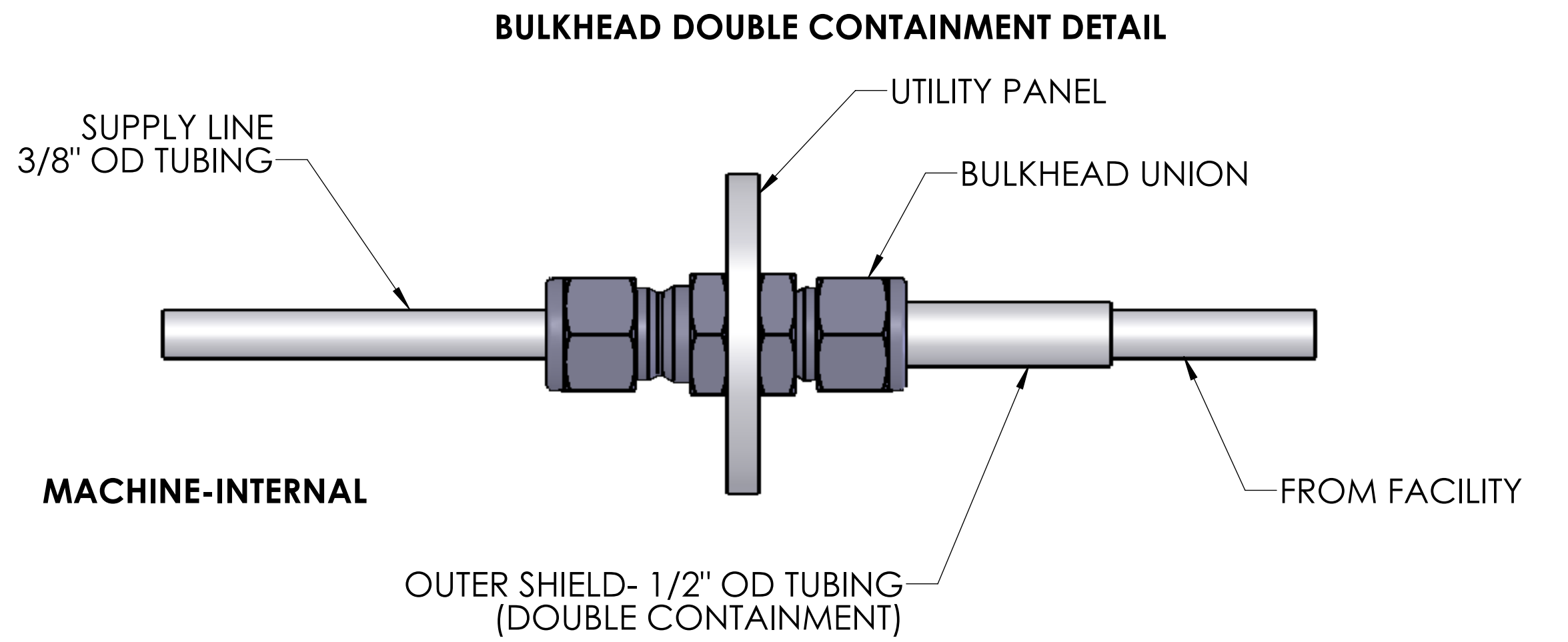
# UTILITY PANEL ARRANGEMENT (AS SHOWN VIEWED FROM REAR OF MACHINE)



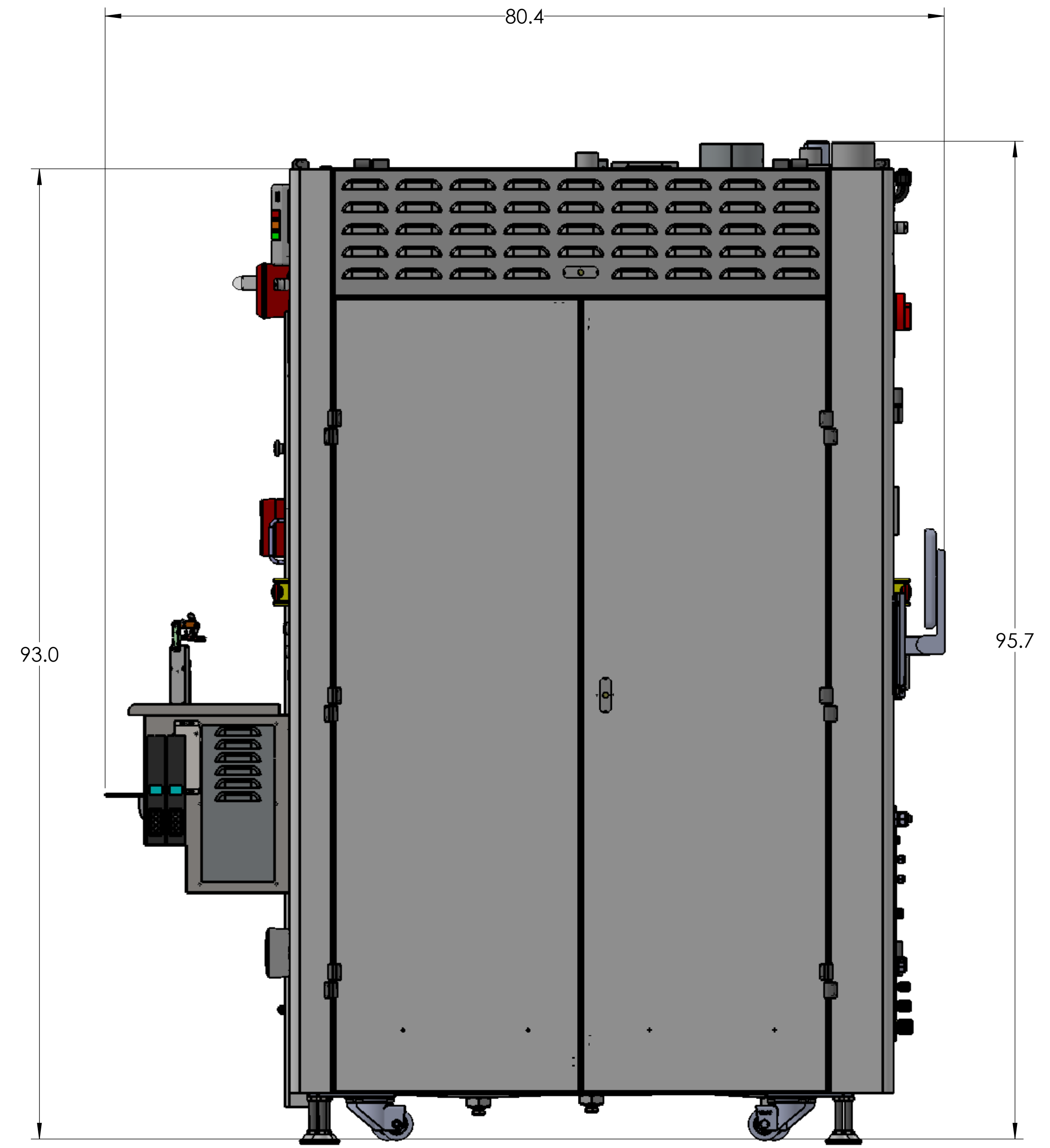
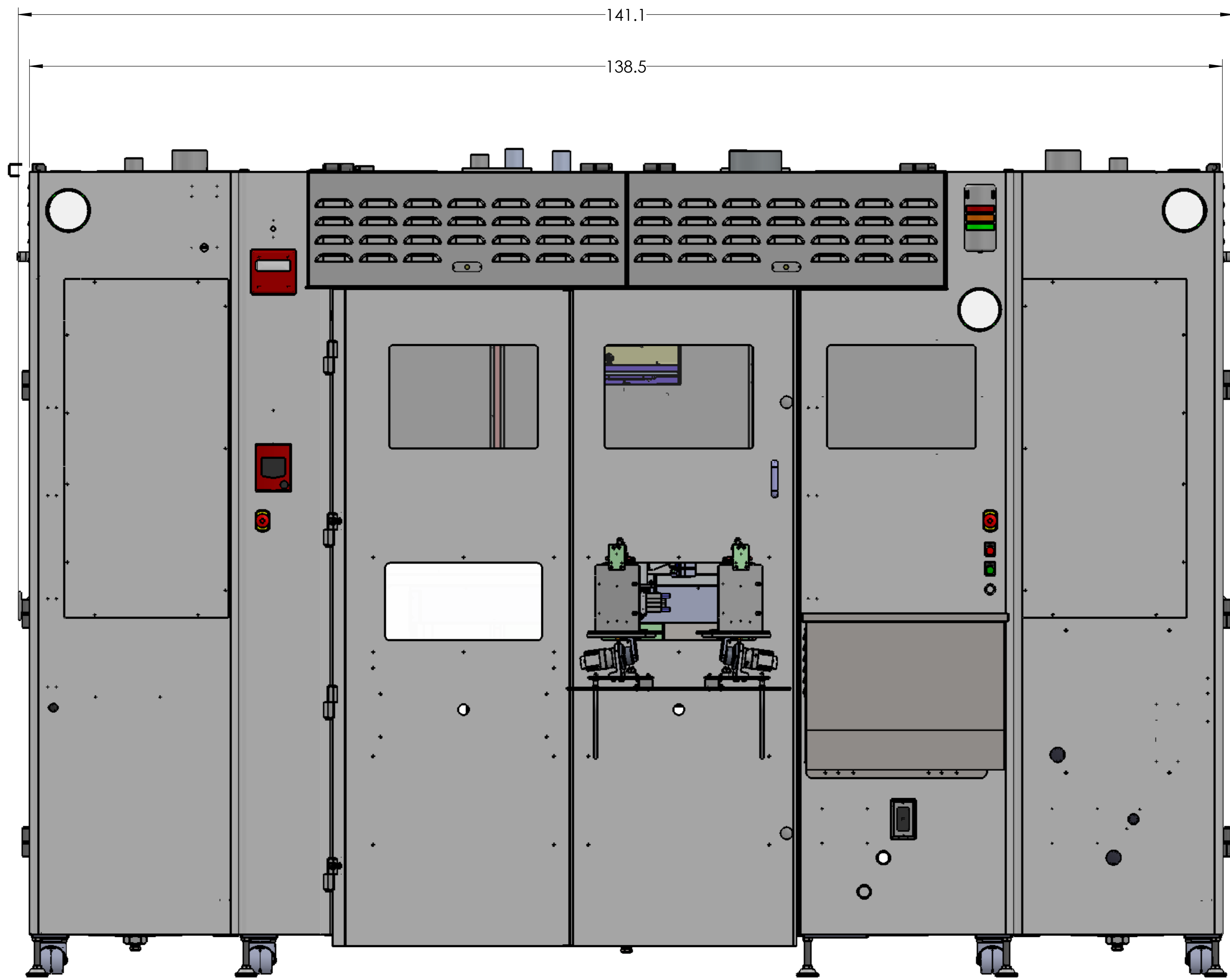
**LEFT AUX UTILITY PANEL  
(AS VIEWED FROM REAR)**



**MAIN UTILITY PANEL  
(AS VIEWED FROM REAR)**



UNLESS OTHERWISE SPECIFIED:		MATERIAL		NAME	DATE	 <small>Veeco Surface Processing 185 County Road, Houston, TX 77058, USA</small>	
DIMENSIONS ARE IN INCHES		FINISH		DRAWN	DWP		05/23/19
TOLERANCES: FRACTIONAL ±.002 ANGULAR: MACH ±1/2° SURFACE DECIMAL: ±.01 SURFACE DECIMAL: ±.005 SURFACE FINISH: 32 INCHES OR BETTER. REMOVE ALL BURRS AND SHARP EDGES.		G.A.		CHECKED			
THIRD ANGLE PROJECTION		COMMENTS / USED ON:		ENG APPR:			
<small>THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH MAY BE CONTROLLED AS SUCH TO WHICH ANY RIGHTS FOR ANY PURPOSE NOR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM VEECO.</small>		<small>VEECO AND THE VEECO LOGO ARE EITHER REGISTERED TRADEMARKS OR TRADEMARKS OF VEECO INDUSTRIES, INC. IN THE UNITED STATES AND/OR OTHER COUNTRIES.</small>		<small>INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME Y14.5M-1994</small>		TITLE: <b>DRAWING M3306</b>	
SCALE: 5:16		WEIGHT:		SHEET 6 OF 7		SIZE (DWG. NO.) <b>D</b>	
REV		A					



**NOTE**  
SHIPPING CONDITIONS: TABLETOPS, PC CONSOLE  
AND HEPA FILTER REMOVED

UNLESS OTHERWISE SPECIFIED:		MATERIAL		NAME		DATE		Precision Surface Processing 185 County Road, Houston, TX, USA	
DIMENSIONS ARE IN INCHES				DRAWN		DWP		05/23/19	
TOLERANCES: FRACTIONAL ±.002 ANGULAR: MACH 1/12° SURFACE DECIMAL: ±.01 SURFACE DECIMAL: ±.005 SURFACE FINISH: AS FACED/CHISEL OR BETTER. REMOVE ALL BURRS AND SHARP EDGES.				CHECKED					
<b>PROPRIETARY AND CONFIDENTIAL</b> THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION WHICH MAY BE CONTROLLED AS TO HOW IT IS DISCLOSED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION FROM VEECO.		FINISH		ENG APPR:					
VEECO AND THE VEECO LOGO ARE EITHER REGISTERED TRADEMARKS OR TRADEMARKS OF VEECO INDUSTRIES, INC. IN THE UNITED STATES AND/OR OTHER COUNTRIES.		INTERPRET GEOMETRIC TOLERANCING PER: ANSI/ASME Y14.5M-1994		MFG APPR:		G.A.			
				COMMENTS / USED ON:					
				SIMILAR TO P/N:				TITLE: <b>DRAWING M3308</b>	
				SCALE: 1:8		WEIGHT:		SIZE DWG. NO. REV <b>D</b> <b>A</b>	
								SHEET 7 OF 7	