

TIP OVER STABILITY ON CASTERS:
 $15.37/25.67 = .59G$

TIP OVER STABILITY ON LEVELING JACKS:
 $24.90/30.98 = .80G$


CUSTOMER APPROVAL REQUIRED
THIS PRINT MUST BE SIGNED AND DATED THEN RETURNED
TO FLOTRON
SIGNATURE _____
PRINT NAME _____
DATE _____
COMPANY _____

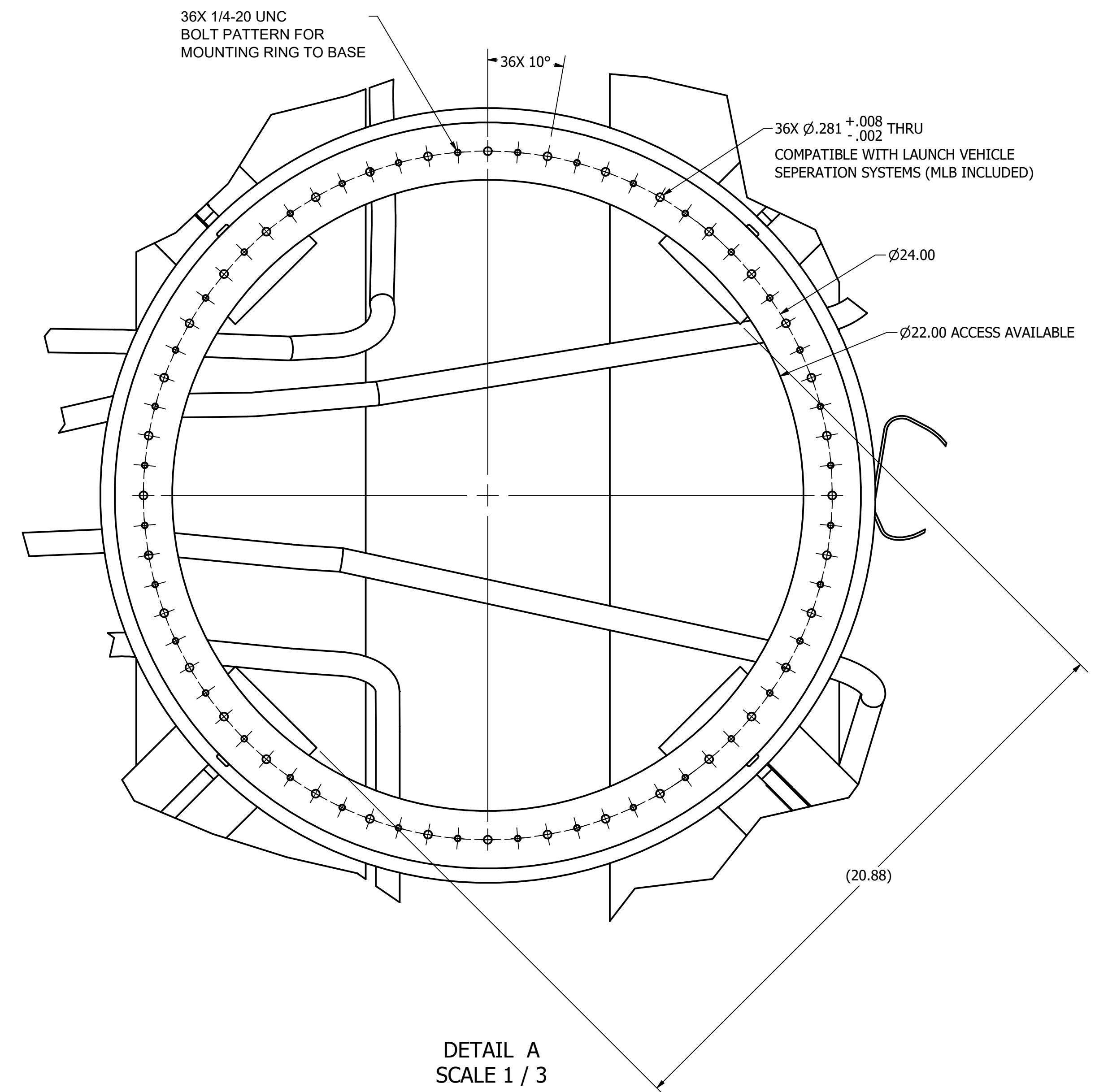
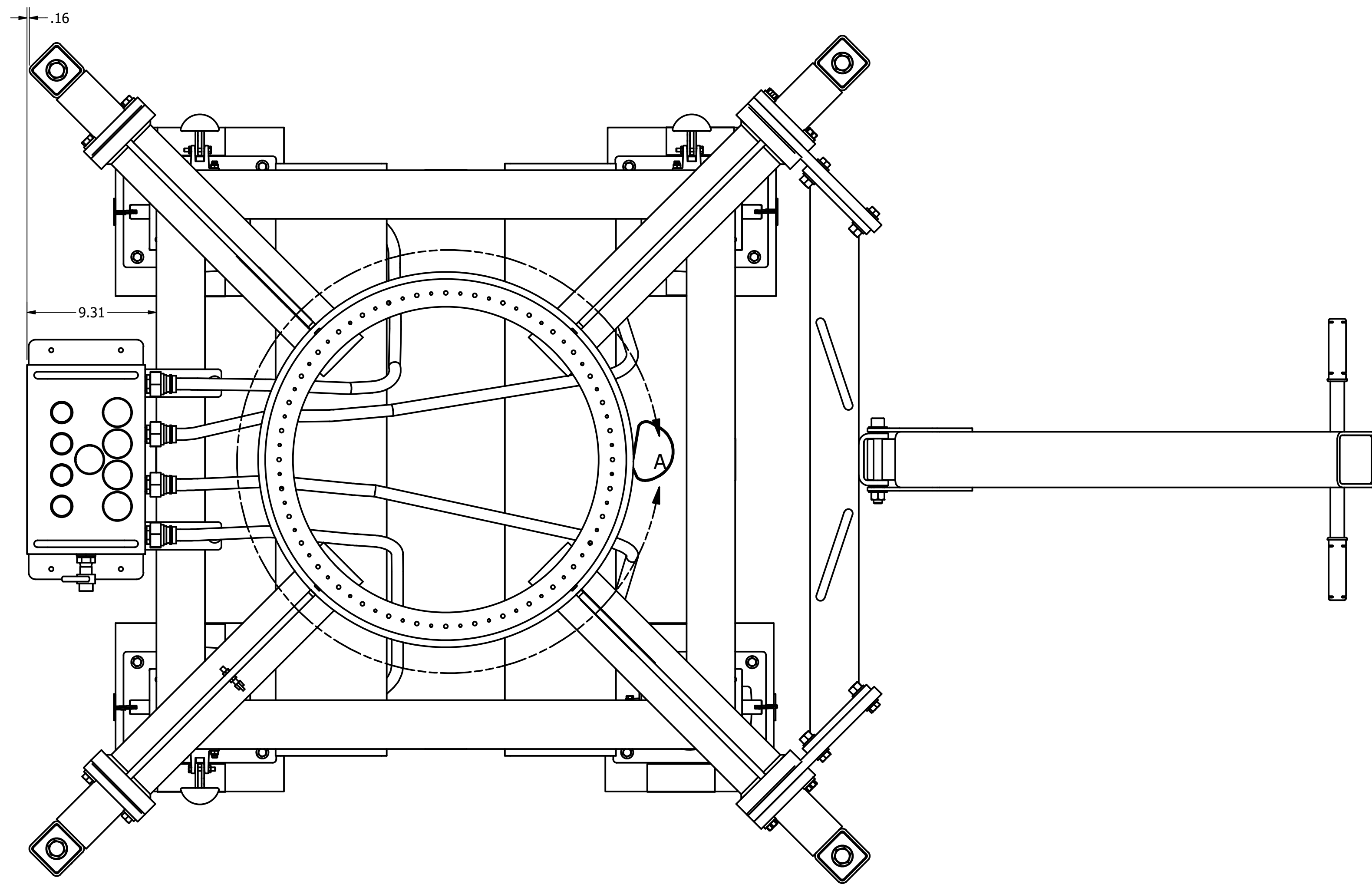
PROPRIETARY

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4. PROOF LOAD TEST AND EDDY CURRENT INSPECTION DETAILS ON SHEET 3.
3. CONFIGURATION SHOWN: SMP-E-SMS-P1-MLB-T1-J5-AC-PLT.
2. FINISHES: CLEAN ROOM COMPATIBLE FINISHES "C" FINISH- SKY WHITE POWDER COATED BASE FRAME, NICKEL PLATED COMPONENTS (NO ZINC), STAINLESS STEEL FASTENERS AND MISC. HARDWARE. OPEN-ENDED TUBES NICKEL PLATED.
KRYTOX GPL 207 LUBRICANT ON CASTERS, SYNCO - SUPER LUBE SYNTHETIC GREASE WITH PTFE LUBRICANT CONTAINED IN JACK HOUSING.
1. WEIGHT IN TITLE BLOCK INCLUDES 400KG PAYLOAD.

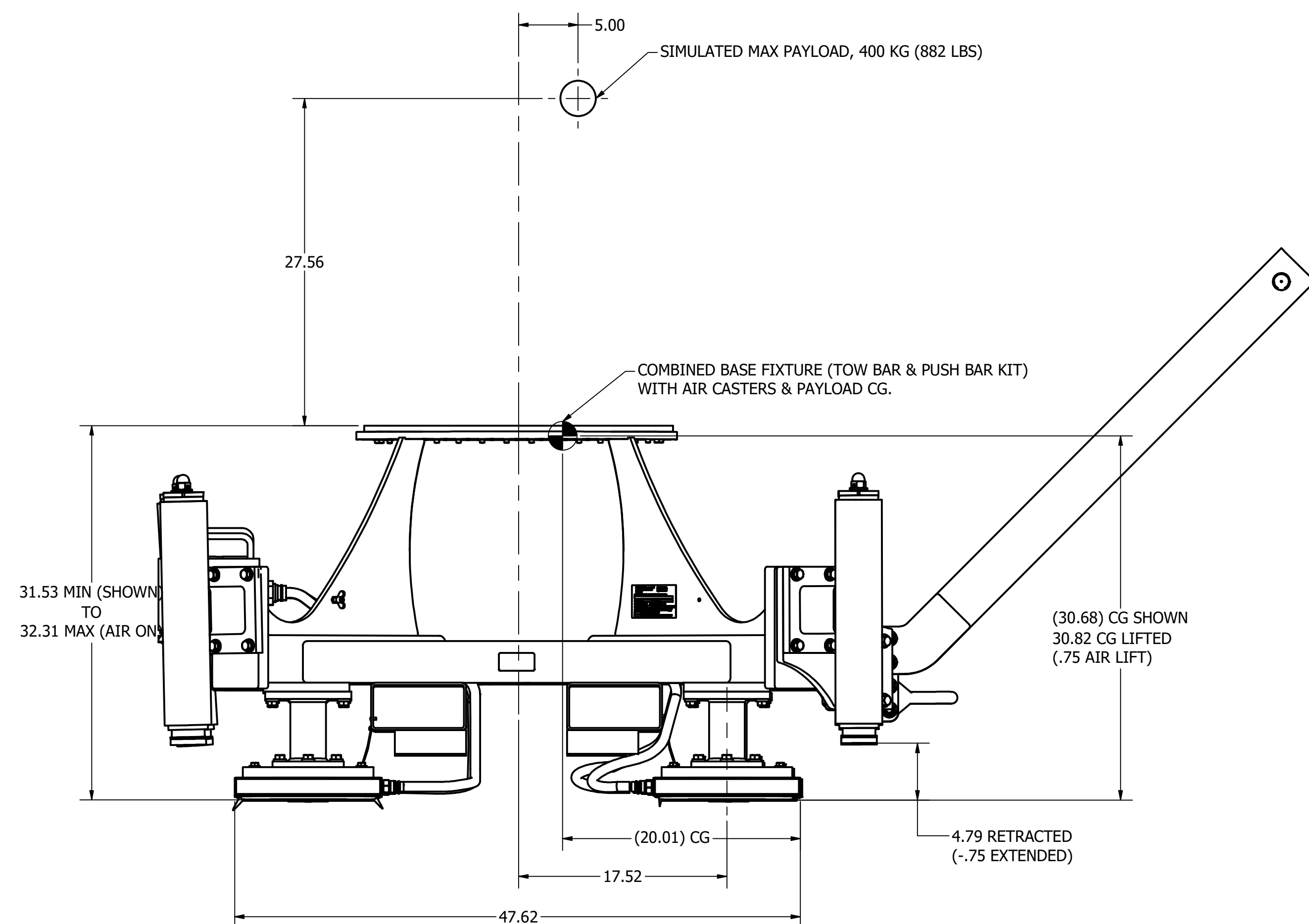
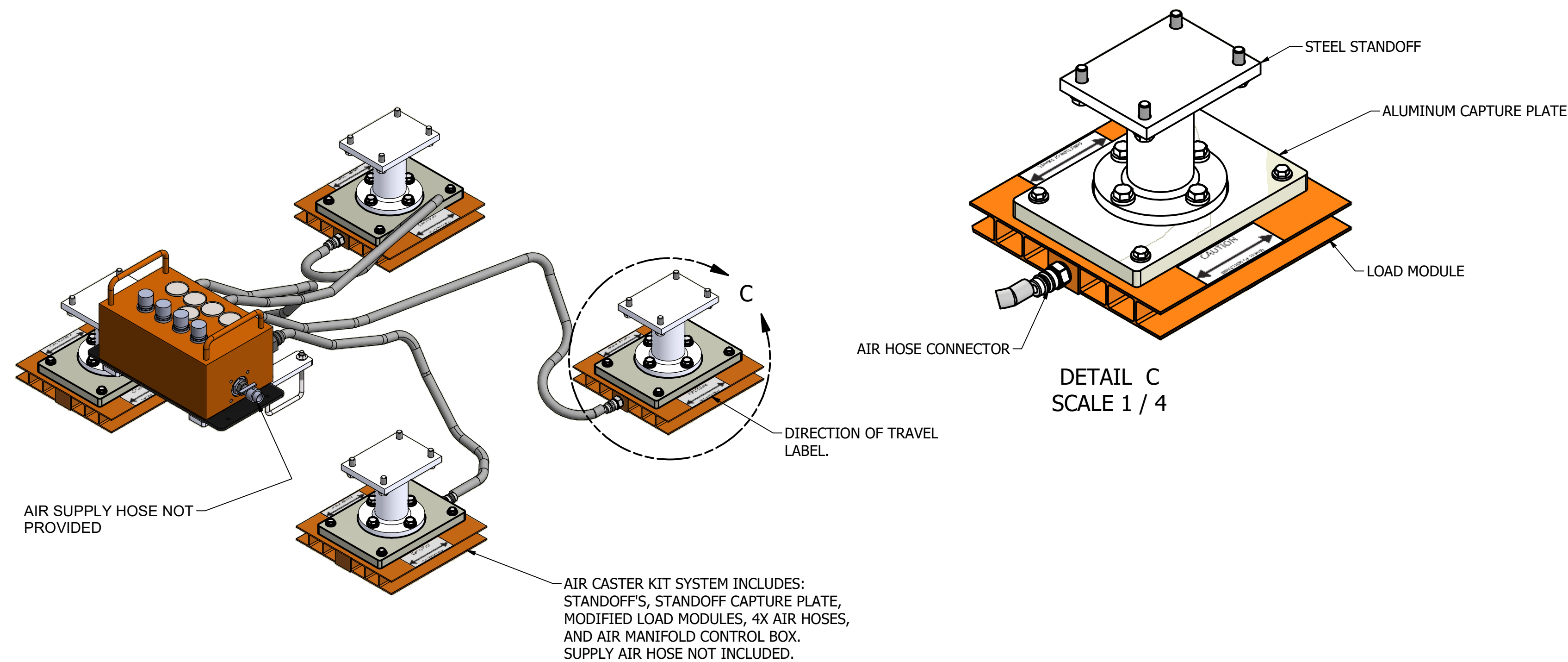
NOTES:

TOLERANCES UNLESS OTHERWISE SPECIFIED			 2630 PROGRESS STREET VISTA, CALIFORNIA 92081 http://www.flotron.com		
FRACTION DEC.		ANGLES			
±.03 XX		±.010 XXX		±.5° XX	
APPROVALS		DATE			
DRAWN		TM			
		12/9/2022			
CHECKED		SCALE		SIZE	DRAWING NO.
MFG		1 : 6		D	8049-100PROP
					REV -
		WT: 1043.3 kg		Cad software: Inventor	SHEET 1 OF 3

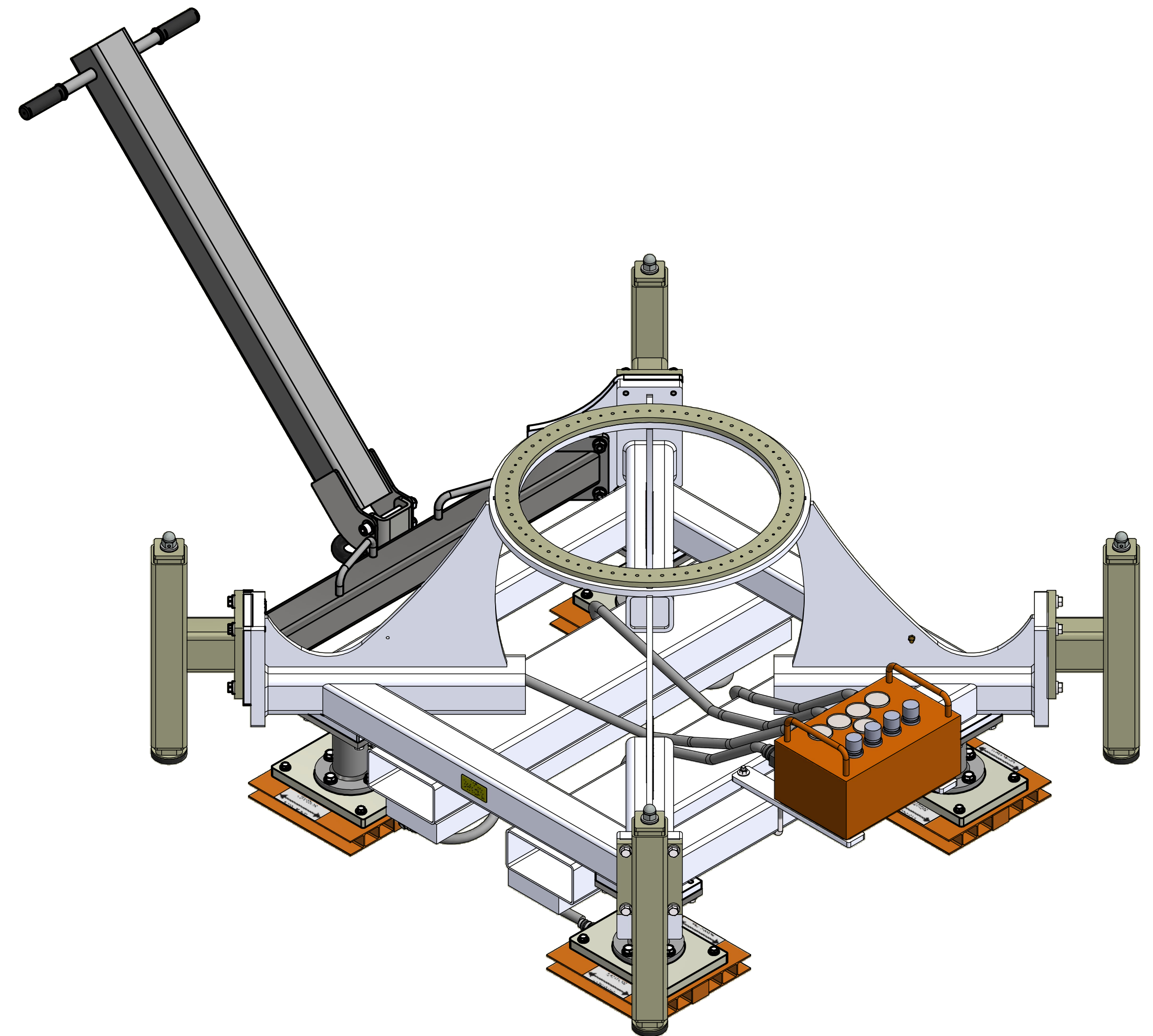


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		2630 PROGRESS STREET VISTA, CALIFORNIA 92081 http://www.flotron.com	
SCALE	SIZE	DRAWING NO.	REV
1 : 6	D	8049-100PROP	-
SHEET		2 OF 3	



TIP OVER STABILITY (AIR CASTERS):
 $20.04/30.82 = .65G$



PROOF LOAD PROCEDURE

1. STATIC PROOF LOAD TEST
2. VERTICAL LOAD
3. 200% VERTICAL LOAD ON WHEELED CASTERS, LEVELING JACKS AND AIR CASTERS.
4. HOLD LOAD FOR 5 MINUTES MINIMUM FOR EACH LOAD CASE ABOVE.
5. CUSTOMER MAY WITNESS TEST.
6. PAINT AND PLATING COVERS ALL WELDS.
7. VISUAL INSPECT FOR CRACKS, DEFORMATION, ETC.
8. ALL ACCESSIBLE FINISHED WELDS OF FLOTRON MANUFACTURED HARDWARE TO BE EXAMINED (POST-PROOF-LOAD ONLY) USING EDDY CURRENT THROUGH POWDER COATED WELDS WITH A MINIMUM DETECTION CAPABILITY OF .020 INCH CRACK SIZE. THE FLOTRON DOES NOT NEED TO BE TURNED OVER, HELD UP IN THE AIR, OR DISASSEMBLED DURING INSPECTION. SFP WELDS ARE NOT PRESENT AND THEREFORE 100% VOLUMETRIC EXAMINATION DOES NOT APPLY.

NOTE: FUTURE PROOF LOAD TESTING PERFORMED BY BATC IS PERMISSIBLE USING THE 200% PROOF LOAD MAGNITUDE OF 816KG.

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FLOTRON® 2630 PROGRESS STREET VISTA, CALIFORNIA 92081 http://www.flotron.com		SCALE	SIZE	DRAWING NO.	REV
		1 : 6	D	8049-100PROP	-
		SHEET 3 OF 3			