

REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	AS BUILT	11/28/2022
			APPROVED
			BM

CameraIndex	X	Y	Z	XDeg	YDeg	CameraPosition	FOCAL LENGTH
101	200	-1350	2320	-10	-10	L	16
102	200	-1400	2170	-10	-10	L	16
103	200	-1450	1980	-10	-10	L	16
104	200	-1500	1750	-10	-10	L	16
105	200	-1530	1500	0	-10	L	16
106	200	-1530	1300	0	-10	L	16
107	200	-1530	1110	0	-10	L	16
108	200	-1530	900	0	-10	L	16
109	-850	-1530	2000	-25	45	L	25
201	200	1350	2320	-10	-10	R	16
202	200	1400	2170	-10	-10	R	16
203	200	1450	1980	-10	-10	R	16
204	200	1500	1750	-10	-10	R	16
205	200	1530	1500	0	-10	R	16
206	200	1530	1300	0	-10	R	16
207	200	1530	1110	0	-10	R	16
208	200	1530	900	0	-10	R	16
209	-850	1530	2000	-25	45	R	25
301	420	-550	2900	0	-155	T	16
302	420	-260	2900	0	-155	T	16
303	420	0	2900	0	-155	T	16
304	420	300	2900	0	-155	T	16
305	420	550	2900	0	-155	T	16
306	-300	-650	2700	0	145	T	16
307	-300	-400	2700	0	145	T	16
308	-300	-180	2700	0	145	T	16
309	-300	0	2700	0	145	T	16
310	-300	200	2700	0	145	T	16
311	-300	390	2700	0	145	T	16
312	-300	600	2700	0	145	T	16
313	-400	-1400	2600	-40	160	T	25
314	-500	-750	2700	-20	160	T	25
315	-600	-150	2700	0	160	T	25
316	-600	100	2700	0	160	T	25
317	-500	700	2700	20	160	T	25
318	-400	1400	2600	40	160	T	25
319	-1100	-1400	2200	-50	140	T	25
320	-1100	1400	2200	50	140	T	25
321	-2100	-400	2500	0	120	T	35
322	-2100	-100	2500	0	120	T	35
323	-2100	200	2500	0	120	T	35
324	-2100	400	2500	0	120	T	35
325	-600	-1100	2700	-40	70	L	25
326	-600	1100	2700	-40	70	R	25

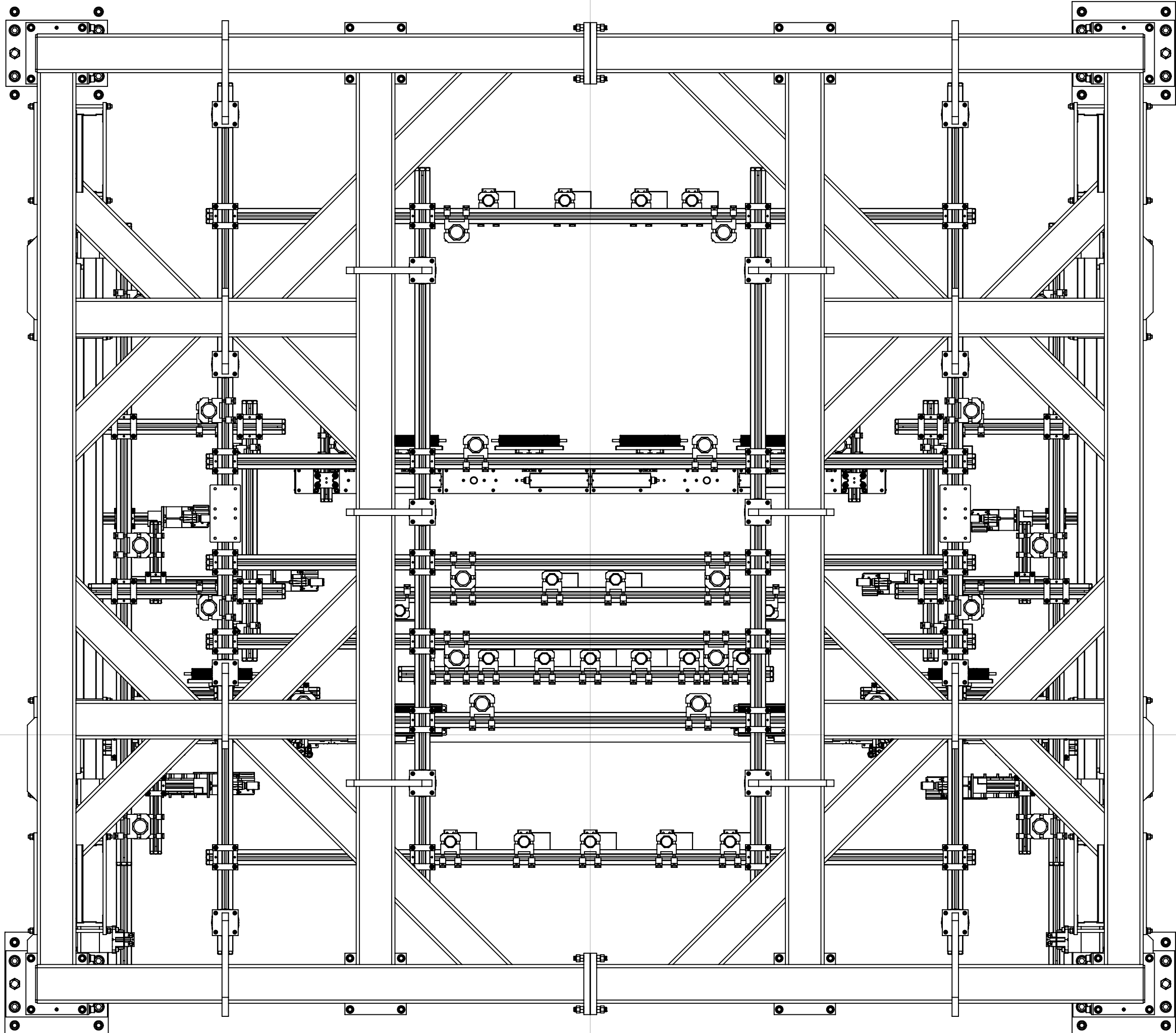
DETAIL	QTY.	MANUFACTURER	DESCRIPTION	Manuf P/N or Material	Part Number	SP
1	2	INOVISION	CONNECTION BRACKET ASSEMBLY		IO-2470-2101-000	N
2	1	INOVISION	NIEDAX CABLE TRACK ASSEMBLY		IO-2470-2200-000	N
3	4	INOVISION	CAMERA ASSEMBLY - 35mm FOCAL LENGTH		IO-9031-205-000	N
4	12	INOVISION	CAMERA ASSEMBLY - 25mm FOCAL LENGTH		IO-9031-206-000	N
5	28	INOVISION	CAMERA ASSEMBLY - 16mm FOCAL LENGTH		IO-9031-207-000	N
6	6	INOVISION	FRAME CLAMP ASSEMBLY - PARALLEL		IO-2470-320-000	N
7	4	INOVISION	FRAME CLAMP ASSEMBLY - PERPENDICULAR		IO-2470-320-000	N
8	10	INOVISION	FRAME VERTICAL CLAMP ASSEMBLY		IO-9470-321-000	N
9	4	INOVISION	MID FRAME CLAMP ASSEMBLY		IO-2470-323-000	N
10	1	INOVISION	SINGLE WIDTH LIGHT ASSEMBLY		IO-2454-600-000	N
11	10	INOVISION	LIGHT BAR CLAMP		IO-9031-601-000	N
12	2	INOVISION	480w LED DRIVER ASSEMBLY - 45mm		IO-9031-690-000	N
13	6	INOVISION	480w LED DRIVER ASSEMBLY		IO-9031-691-000	N
14	1	INOVISION	DOUBLE WIDTH LIGHT ASSEMBLY		IO-9030-700-000	N
15	1	INOVISION	INSPECTION FRAME ASSEMBLY		IO-9030-2000-000	N
16	18	DESTACO	45mm OCTOGONAL BOOM - 250mm L	B-45-250-0		N
17	18	DESTACO	45mm OCTOGONAL BOOM - 300mm L	B-45-300-0		N
18	20	DESTACO	45mm OCTOGONAL BOOM - 350mm L	B-45-350-0		N
19	5	DESTACO	45mm OCTOGONAL BOOM - 450mm L	B-45-450-0		N
20	9	DESTACO	45mm OCTOGONAL BOOM - 400mm L	B-45-400-0		N
21	2	DESTACO	45mm OCTOGONAL BOOM - 550mm L	B-45-550-0		N
22	2	DESTACO	45mm OCTOGONAL BOOM - 700mm L	B-45-700-0		N
23	2	DESTACO	45mm OCTOGONAL BOOM - 750mm L	B-45-750-0		N
24	4	DESTACO	60mm OCTOGONAL BOOM - 300mm L	B-60-300-0		N
25	6	DESTACO	60mm OCTOGONAL BOOM - 500mm L	B-60-500-0		N
26	2	DESTACO	60mm OCTOGONAL BOOM - 600mm L	B-60-600-0		N
27	10	DESTACO	60mm OCTOGONAL BOOM - 700mm L	B-60-700-0		N
28	4	DESTACO	60mm OCTOGONAL BOOM - 750mm L	B-60-750-0		N
29	8	DESTACO	60mm OCTOGONAL BOOM - 1000mm L	B-60-1000-0		N
30	3	DESTACO	60mm OCTOGONAL BOOM - 1300mm L	B-60-1300-0		N
31	1	DESTACO	60mm OCTOGONAL BOOM - 1450mm L	B-60-1450-0		N
32	4	DESTACO	60mm OCTOGONAL BOOM - 1650mm L	B-60-1650-0		N
33	4	DESTACO	60mm OCTOGONAL BOOM - 1700mm L	B-60-1700-0		N
34	2	DESTACO	60mm OCTOGONAL BOOM - 1800mm L	B-60-1800-0		N
35	1	DESTACO	60mm OCTOGONAL BOOM - 2150mm L	B-60-2150-0		N
36	4	DESTACO	60mm OCTOGONAL BOOM - 2500mm L	B-60-2500-0		N
37	2	DESTACO	60mm OCTOGONAL BOOM - 2600mm L	B-60-2600-0		N
38	2	DESTACO	60mm OCTOGONAL BOOM - 2800mm L	B-60-2800-0		N
39	6	DESTACO	60mm OCTOGONAL BOOM - 3000mm L	B-60-3000-0		N
40	22	DESTACO	TRANSITION BRACKET - 45 TO 45	45B-45B		N
41	54	DESTACO	TRANSITION BRACKET - 45 TO 60	45B-60B		N
42	90	DESTACO	TRANSITION BRACKET - 60 TO 60	60B-60B		N
43	108	DESTACO	45mm END CAP	CPI-EC-45B		N
44	122	DESTACO	60mm END CAP	CPI-EC-60B		N

METRIC TOLERANCE UNLESS OTHERWISE SPECIFIED	
ANGLE ± 10°/30'	MACHINE SURFACES:
X ± 0.25	± 0.10/0.00mm
X ± 0.13	± 0.05/0.00mm
X ± 0.03	± 0.005/0.00mm

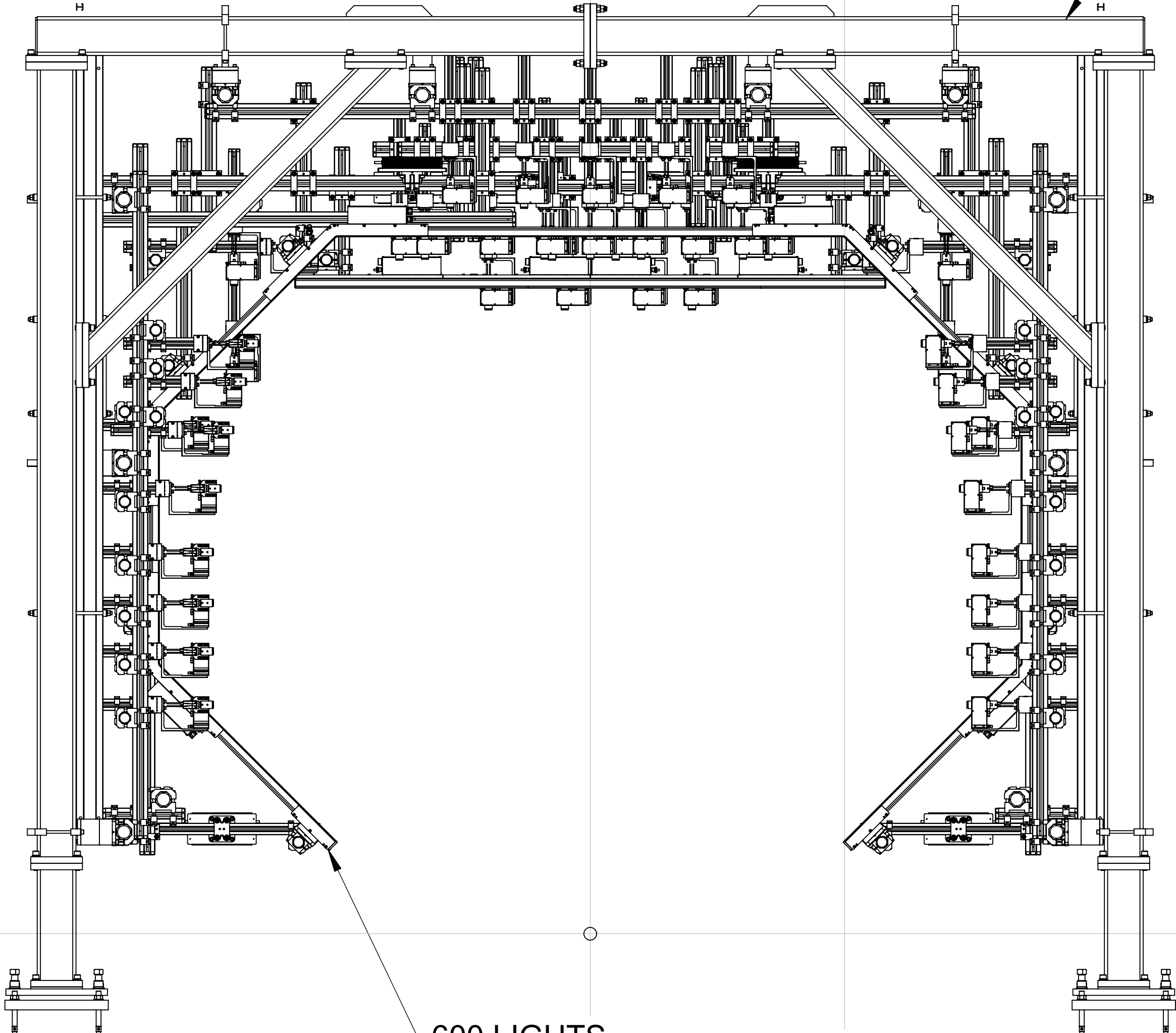
NO SILICONE BASED CUTTING FLUIDS PERMITTED.	
UNLESS OTHERWISE SPECIFIED ALL WELDS TO BE CONTINUOUS	
ALL FASTENERS M6 AND SMALLER ARE TO BE INSTALLED USING	
LOCKWASHERS AND LOCKWASHERS ARE TO BE INSTALLED USING	
LOCKWASHERS AND LOCKWASHERS ARE TO BE INSTALLED USING	
ALL FASTENERS AND LOCKWASHERS ARE TO BE INSTALLED USING	
ALL FASTENERS AND LOCKWASHERS ARE TO BE INSTALLED USING	

STELLANTIS	
WTAP	
SMARTinspect	
CAMERA - UNIVER MOUNTING ASSEMBLY	

DESIGNER: EnG	
CHECKED BY: BS	
DATE: 08/31/2022	
APPROVED: SK	
SCALE: 1:15	
PROJECT NUMBER: 2470	
DRAWING NUMBER: IO-2470-000	
SHEET NUMBER: 1 OF 3	

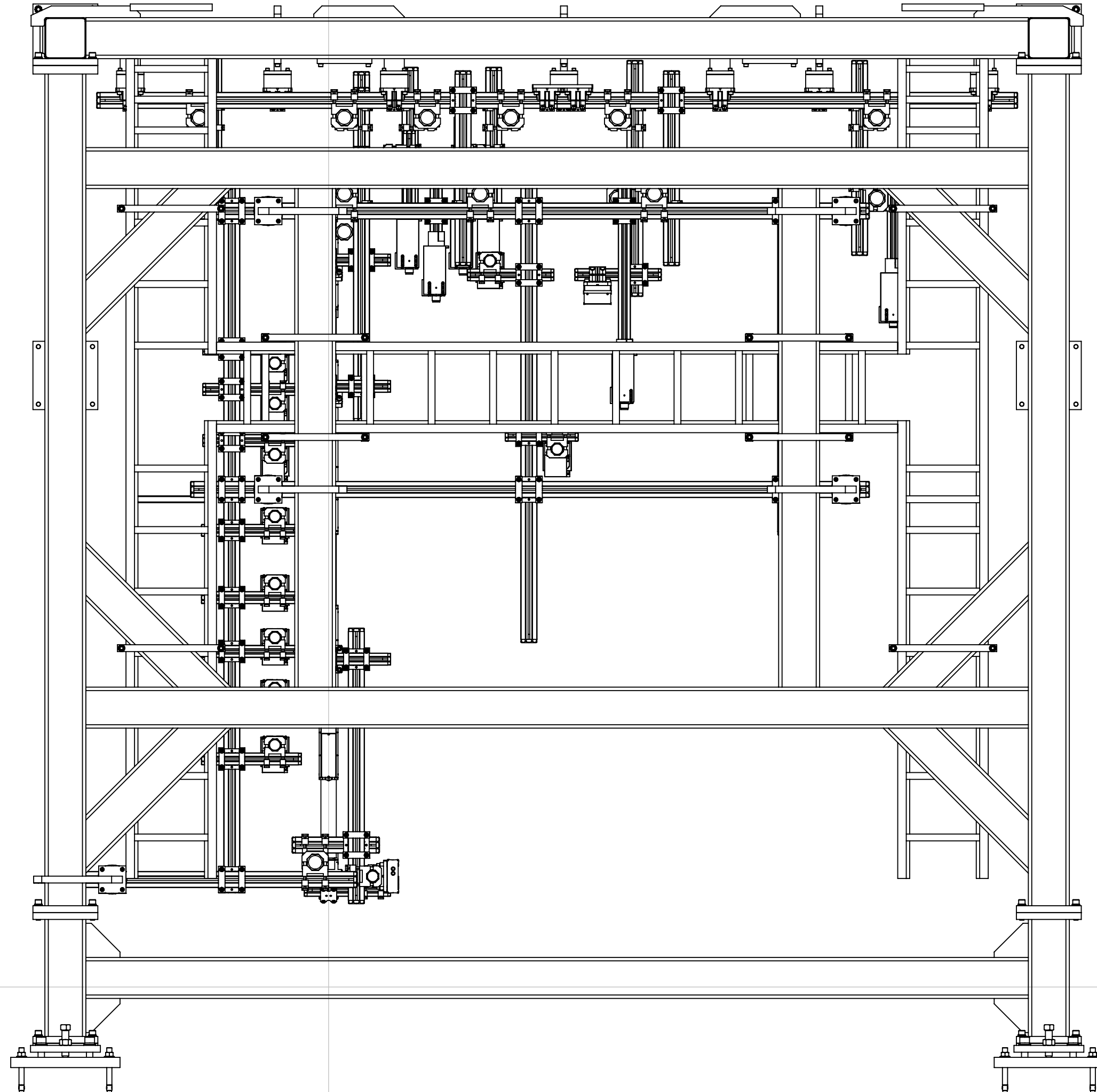


0.00 FRONT OLINE



0.00 BOTTOM OLINE

600 LIGHTS



0.00 FRONT OLINE

0.00 CENTERLINE OF BODY

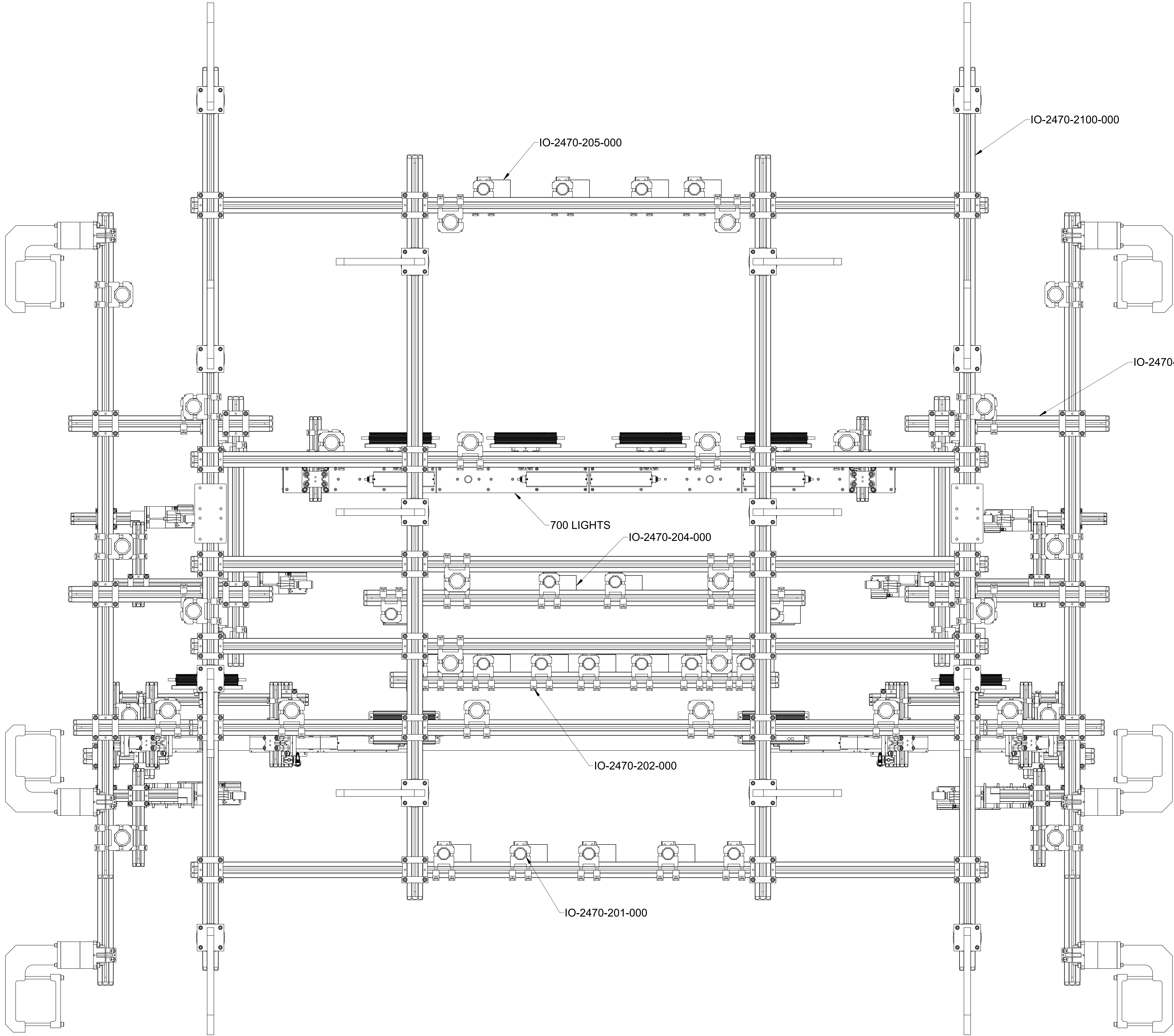
FLOW

1000.00 CLB

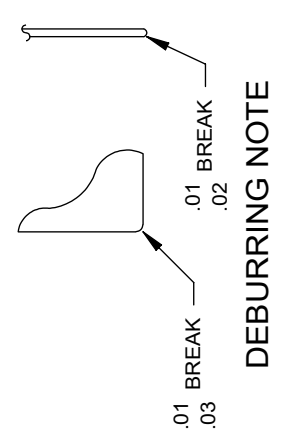
299.5 FLOOR

IO-2470-2000-000





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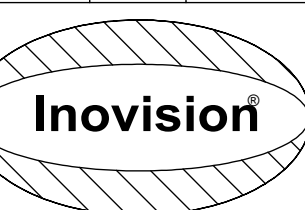
**METRIC TOLERANCE UNLESS OTHERWISE SPECIFIED**

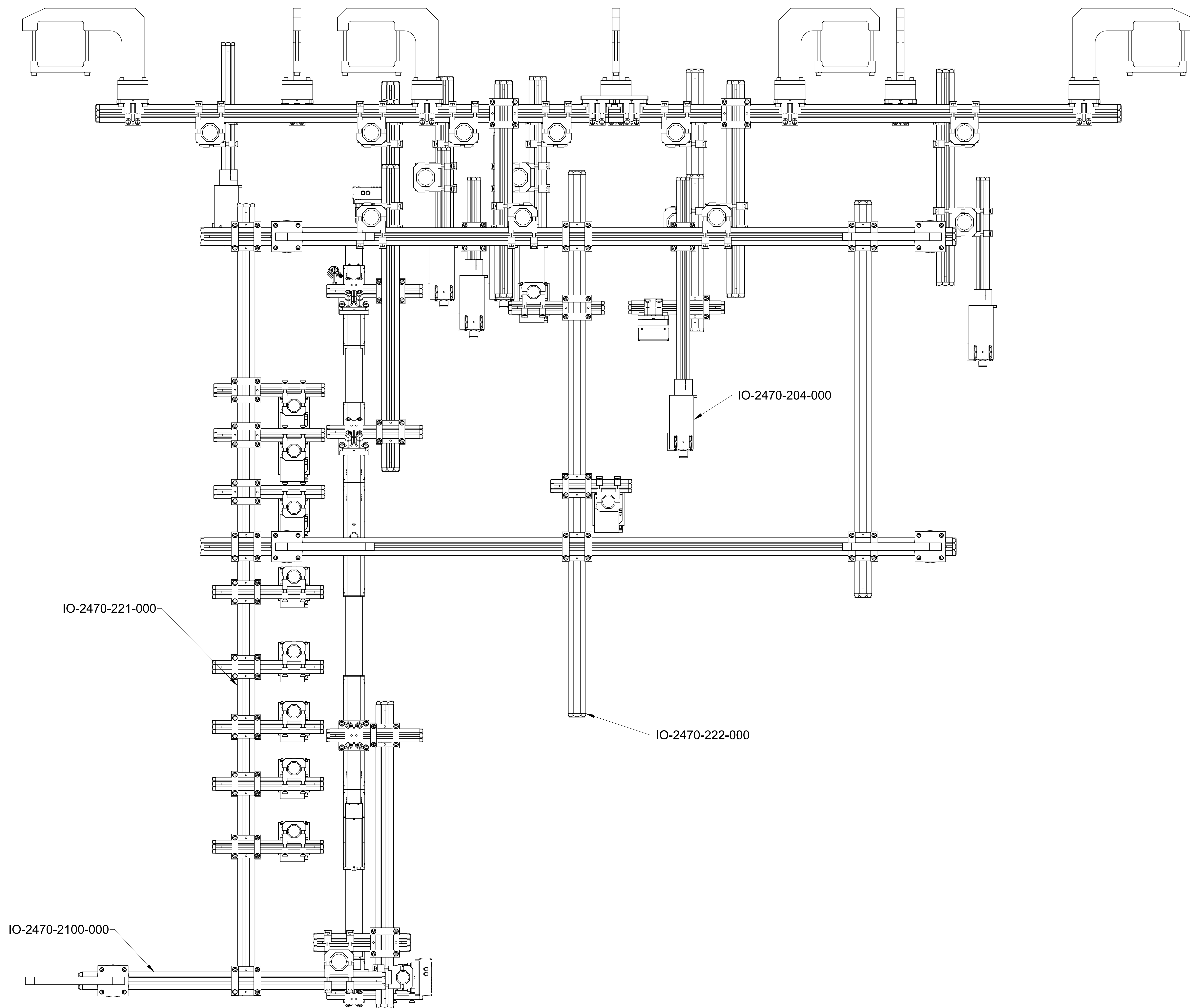
ANGLE	FINISH
ANGLES - 10° - 30°	MACHINE SURFACES:
XX - 0.25	± 0.10 / 0.001mm
XX - 0.13	± 0.05 / 0.001mm
XX - 0.08	± 0.03 / 0.001mm

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.  
NO SILICONE BASED CUTTING FLUIDS PERMITTED.  
UNLESS OTHERWISE SPECIFIED ALL WELDS TO BE CONTINUOUS.  
ALL FASTENERS M8 AND SMALLER ARE TO BE INSTALLED USING  
LOCKWIRE 207 THREADLOCKER.  
LOCKWIRE 207 THREADLOCKER ARE TO BE INSTALLED USING  
LOCKWIRE 207 THREADLOCKER.  
ALL DIMENSIONS ARE TO BE TOLERANCES AS SPECIFIED IN THE EC 00116

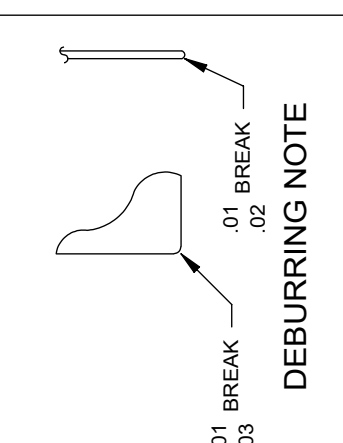
CUSTOMER: STELLANTIS  
PROJECT PACKAGE DESCRIPTION: SMARTInspect  
TITLE: CAMERA - UNIVER MOUNTING ASSEMBLY

WWW.INOVISION.NET  
DESIGNER: ENG  
CHECKED BY: BS  
DATE: 08/31/2022  
APPROVED: SK  
SCALE: 1:5  
PROJECT NUMBER: 2470  
DRAWING NUMBER: IO-2470-000  
SHEET NUMBER: 2 OF 3





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<p><b>METRIC TOLERANCE UNLESS OTHERWISE SPECIFIED</b></p>	<p><b>MACHINE SURFACES:</b> FINISH=<math>\sqrt{\text{R}}</math> <math>\text{C}\varnothing 0.10/300\text{mm}</math> 0.005 TIR <math>\perp 0.003/300\text{mm}</math> TIR</p>
<p>ANGLES=<math>\pm 0^{\circ}30'</math> X=<math>\pm 0.8</math> X.X=<math>\pm 0.25</math> X.XX=<math>\pm 0.13</math> X.XXX=<math>\pm 0.013</math></p>	

ALL DIMENSIONS ARE MILLIMETERS DIMENSIONS IN [ ] ARE INCHES

NO SILICONE BASED CUTTING FLUIDS PERMITTED.

UNLESS OTHERWISE SPECIFIED ALL WELDS TO BE CONTINUOUS

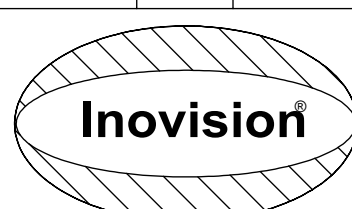
ALL FASTENERS M6 AND SMALLER ARE TO BE INSTALLED USING LOCITE 222 THREADLOCKER

ALL FASTENERS M8 AND LARGER ARE TO BE INSTALLED USING LOCITE 242 THREADLOCKER

ALL FASTENERS TO AS SPECIFIED INTHE EG-00316

AREA:ZONE:	MAIN	
		LY

CUSTOMER:	STELLANTIS	#AGILITY/LOCATION:	WTAP
PROJECT/PACKAGE DESCRIPTION:			
SMARTInspect			
TITLE:			
CAMERA - UNIVER MOUNTING ASSEMBLY			



WWW.INVOISION.NET		
DESIGNER:	CHECKED BY:	
EnG	BS	
DATE:	APPROVED:	
08/31/2022	SK	
SCALE:		
1:5		
PROJECT NUMBER:		
2470		
DRAWING NUMBER:		
IO-2470-000		
SHEET NUMBER:		
3	OF	3