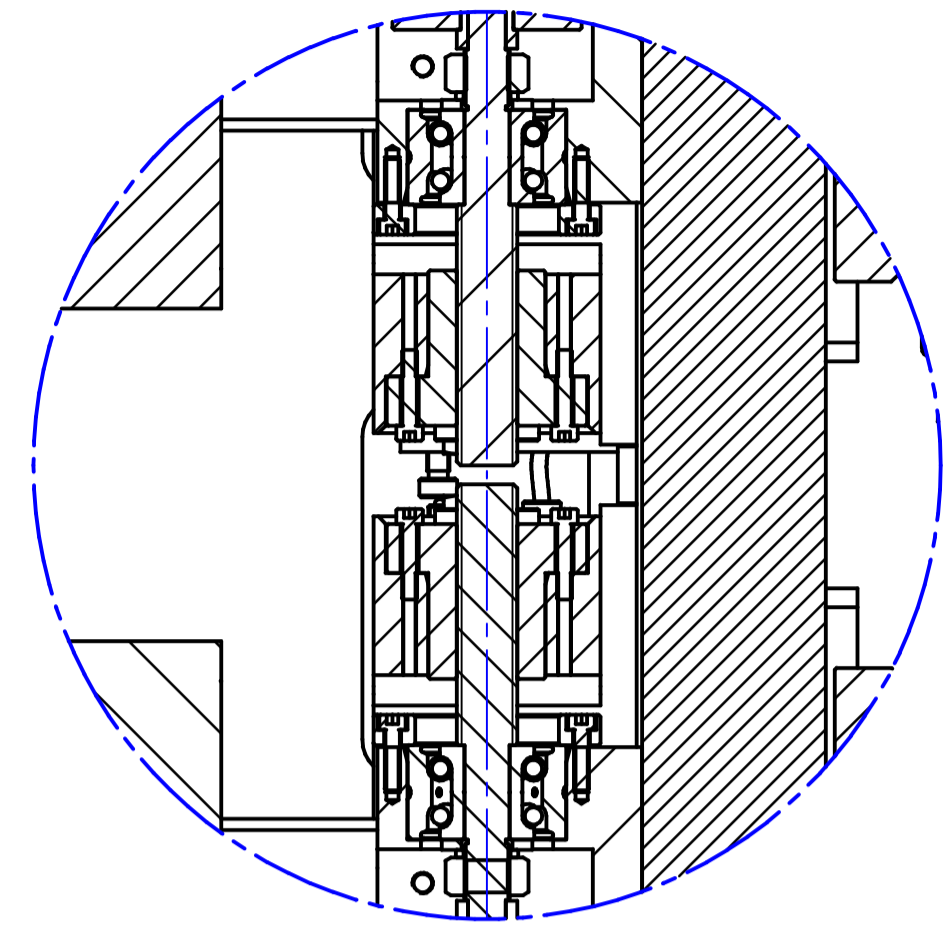


RELEASE STATUS		WIP	
WELDING SPEC		---	
MATERIAL SPEC		---	
MATERIAL		---	
TOLERANCES UNLESS OTHERWISE STATED			
LINEAR DIMENSIONS UP TO		xxx ± xxx	OVER xxx ± xxx
ANGULAR DIMENSIONS		± xxx°	
SCALE		0 500	
		1:5 ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED	
DRN.	SCA	SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	
DATE.	05/12/2012	DARESBUURY LABORATORY	
		CHESHIRE	
CKD.	BDF	TITLE	
DATE.	05/12/2012	SWISS FEL LASER HEATER UNDULATOR	
APPD.	BDF		
DATE.	--/--/--		
DRAWING NO.		SHEET 1 OF 4	
AI 256-III10		ISSUE	
		A	
SOLID EDGE CAD PART NO.		256-III10.asm ON LINE CLOSED	
USED ON		SWISS FEL/CLARA	
CONTRACTORS COMPANY		---	
CONTRACTORS DRG NO.		---	

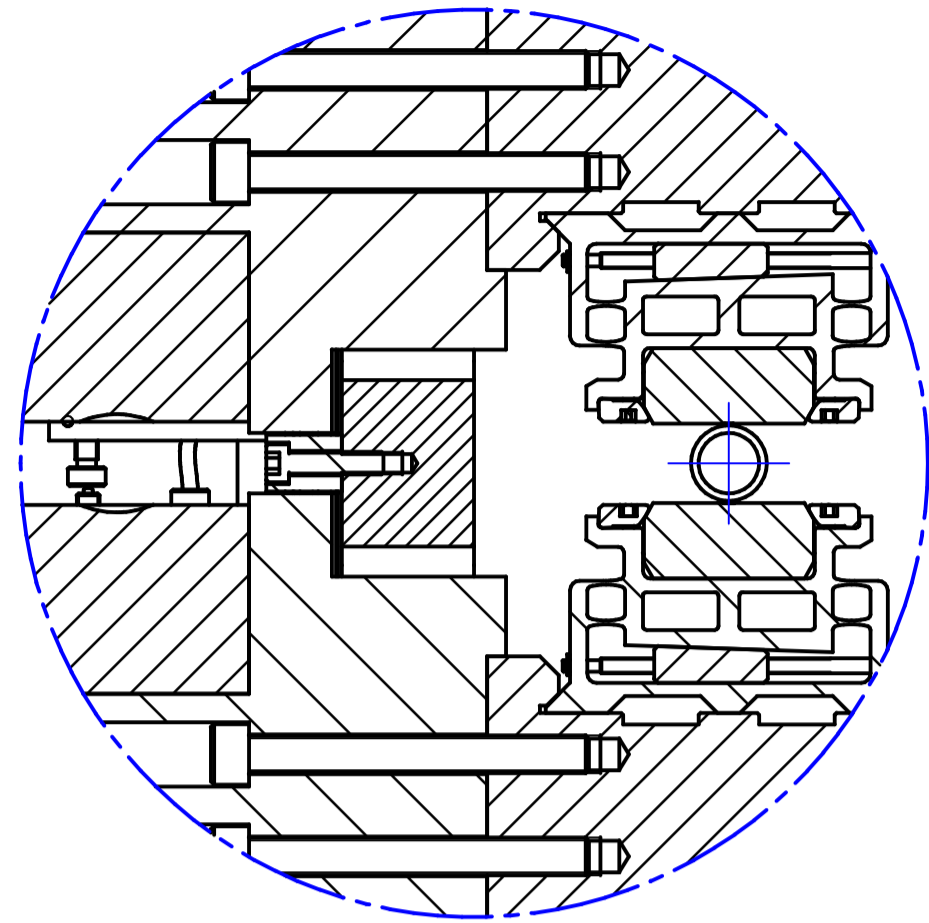
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FIRST ISSUE

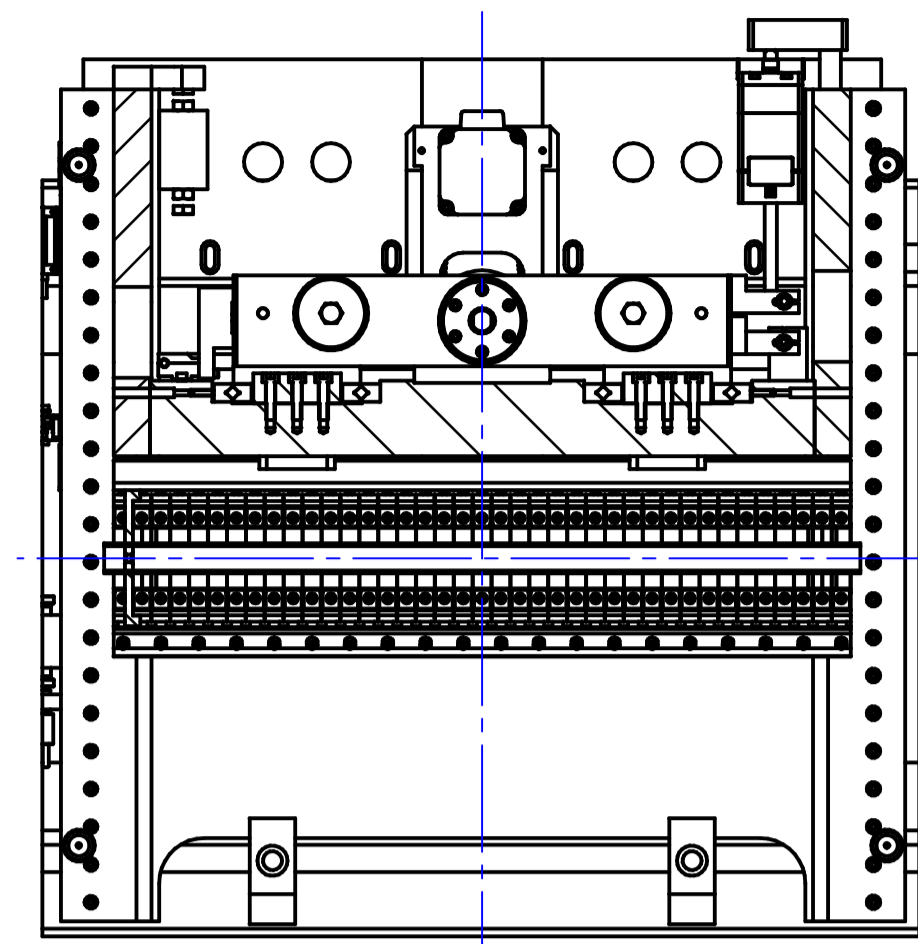
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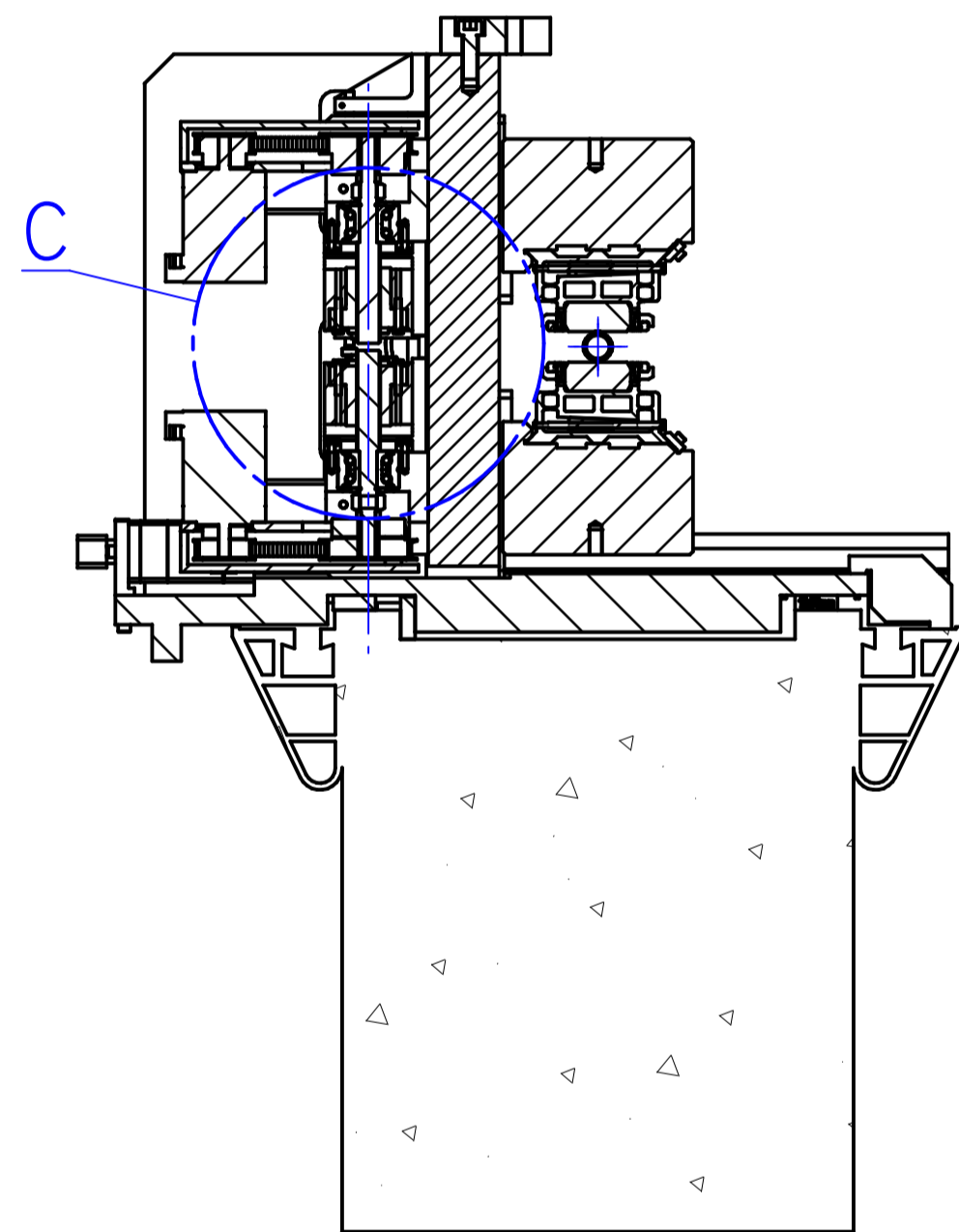
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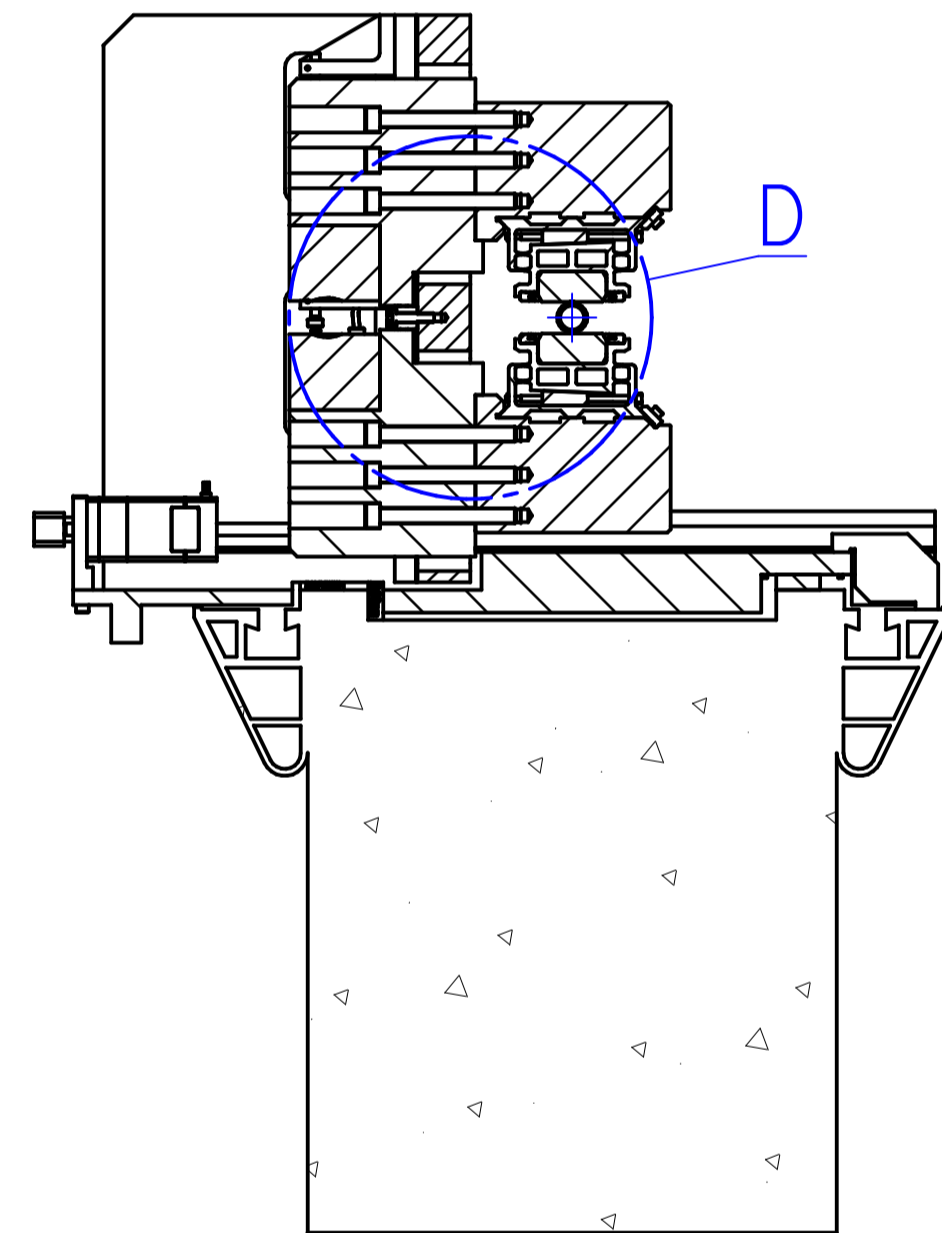
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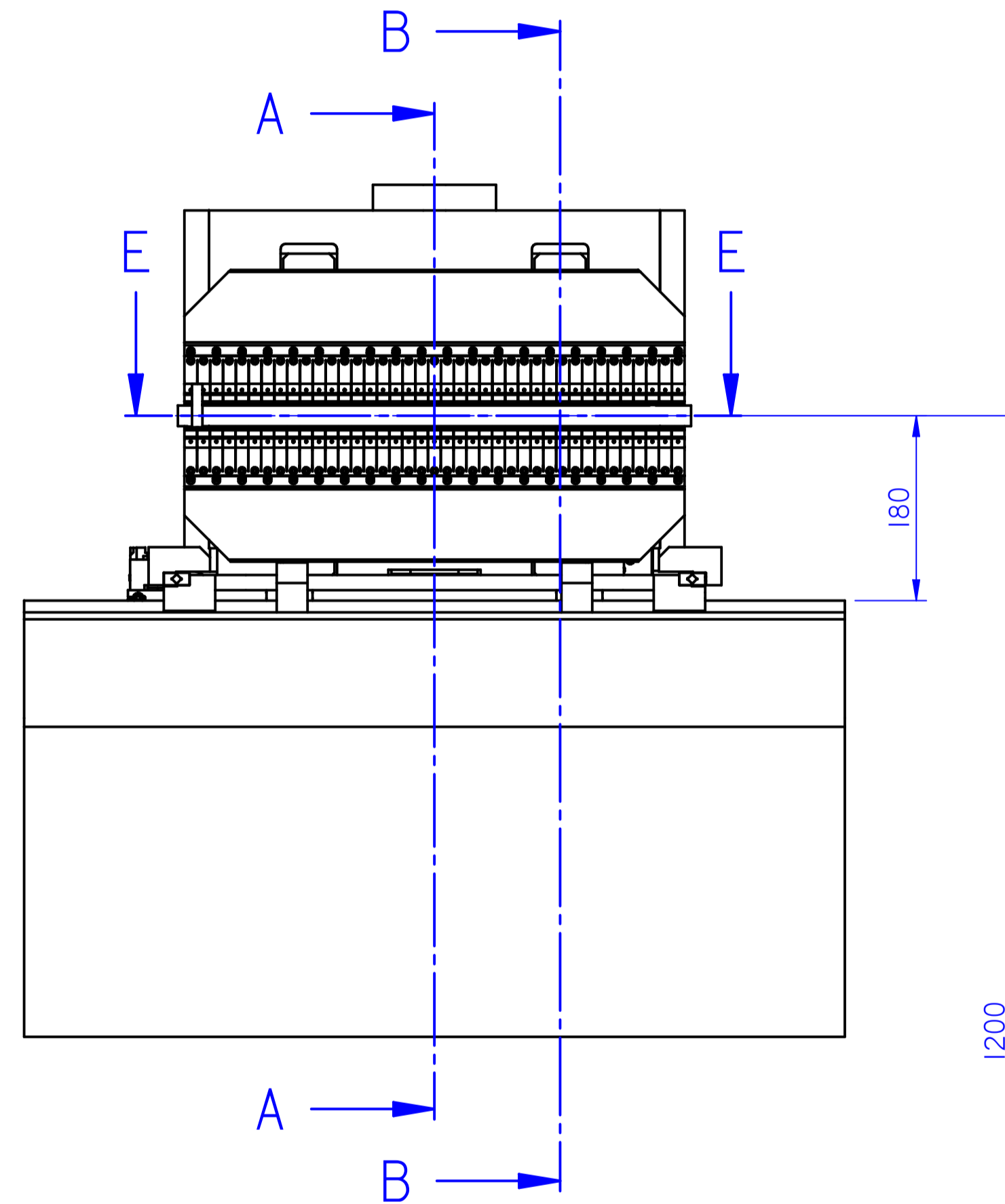
SECTION E-E




SECTION A-A



SECTION B-B



RELEASE STATUS		WIP	
WELDING SPEC		---	
MATERIAL SPEC		---	
MATERIAL		---	
TOLERANCES UNLESS OTHERWISE STATED			
LINEAR DIMENSIONS UP TO		xxx ± xxx	OVER xxx ± xxx
ANGULAR DIMENSIONS		± xxx°	
SCALE 1:5 			
ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED			
DRN.	SCA	SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	
DATE.	05/12/2012	DARESBUURY LABORATORY	
		CHESHIRE	
CKD.	BDF	TITLE	
DATE.	05/12/2012	SWISS FEL LASER HEATER UNDULATOR	
APPD.	BDF		
DATE.	--/--/--		
DRAWING NO.		SHEET 2 OF 4	
AI 256-11110		ISSUE	
		A	
SOLID EDGE CAD PART NO. 256-11110.asm ON LINE CLOSED			
USED ON		SWISS FEL/CLARA	
CONTRACTORS COMPANY		---	
CONTRACTORS DRG NO.		---	

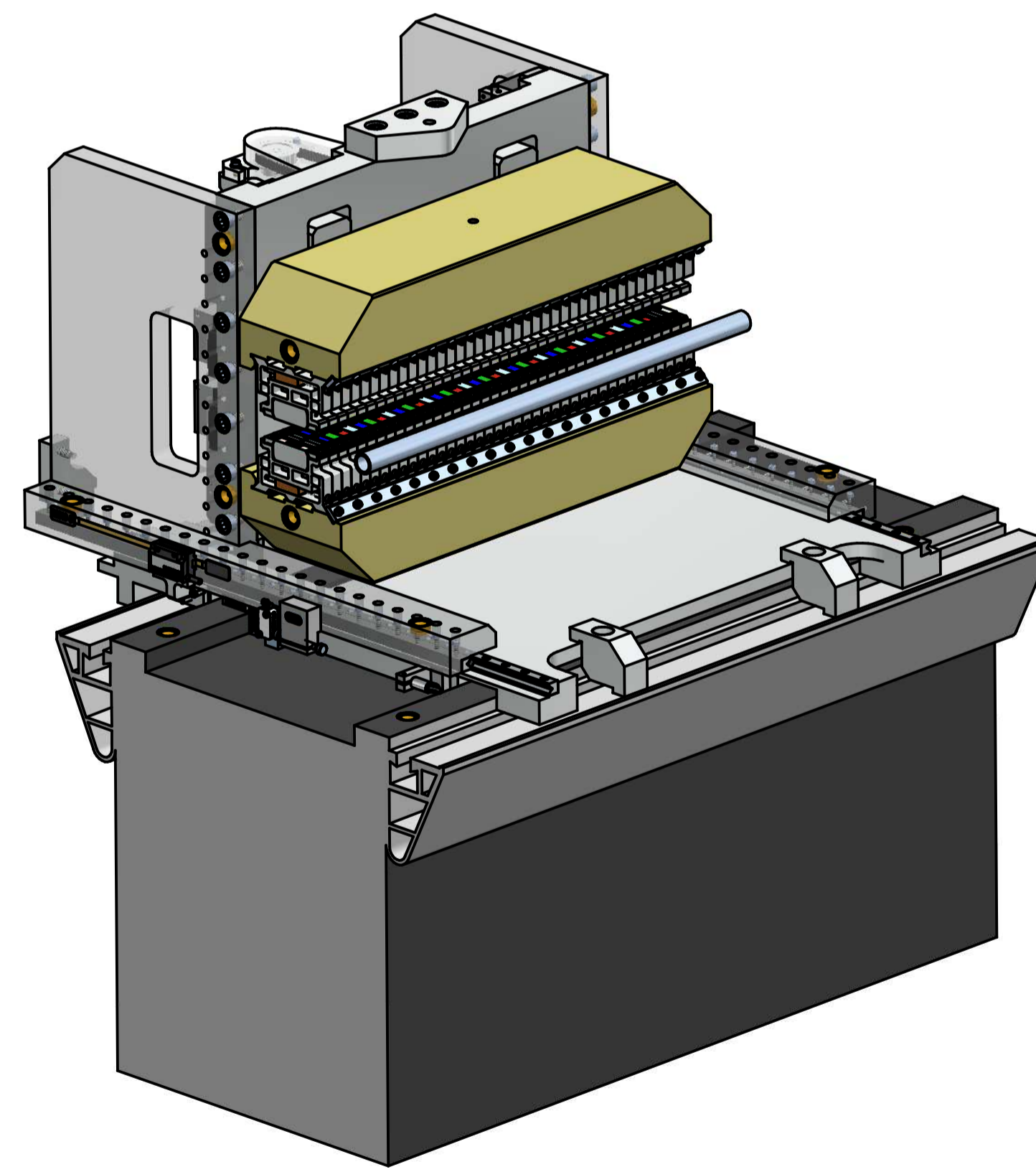
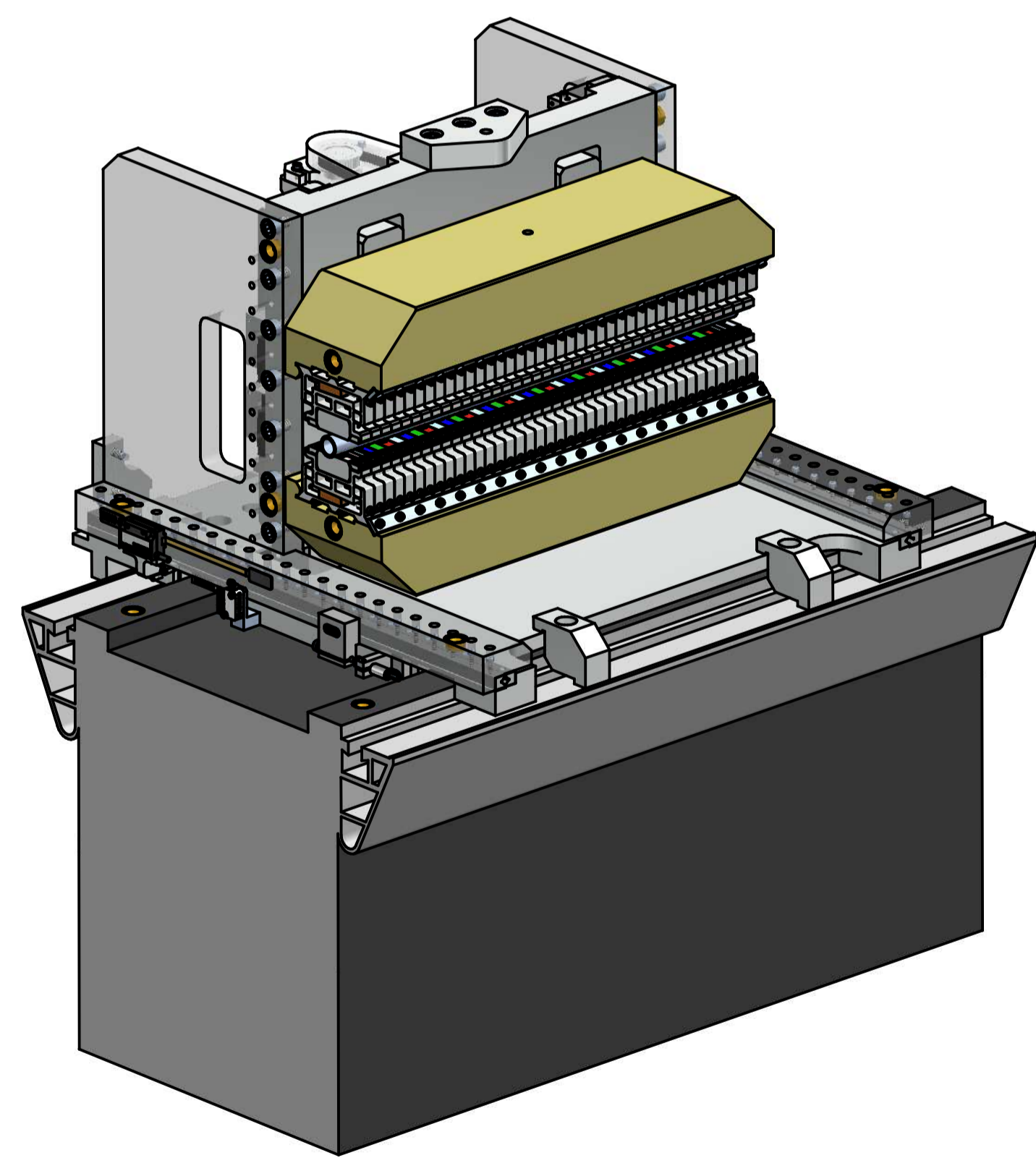
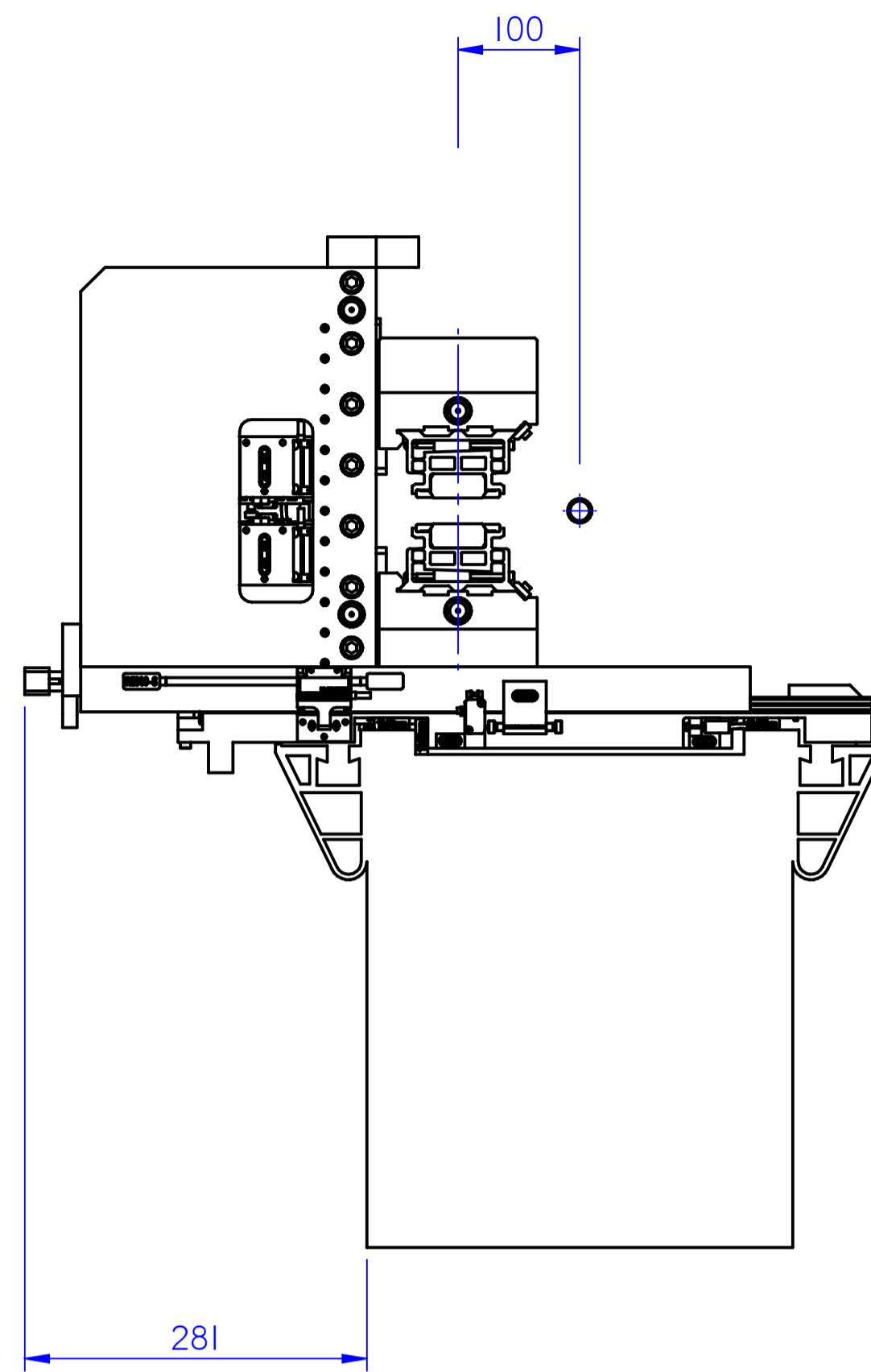
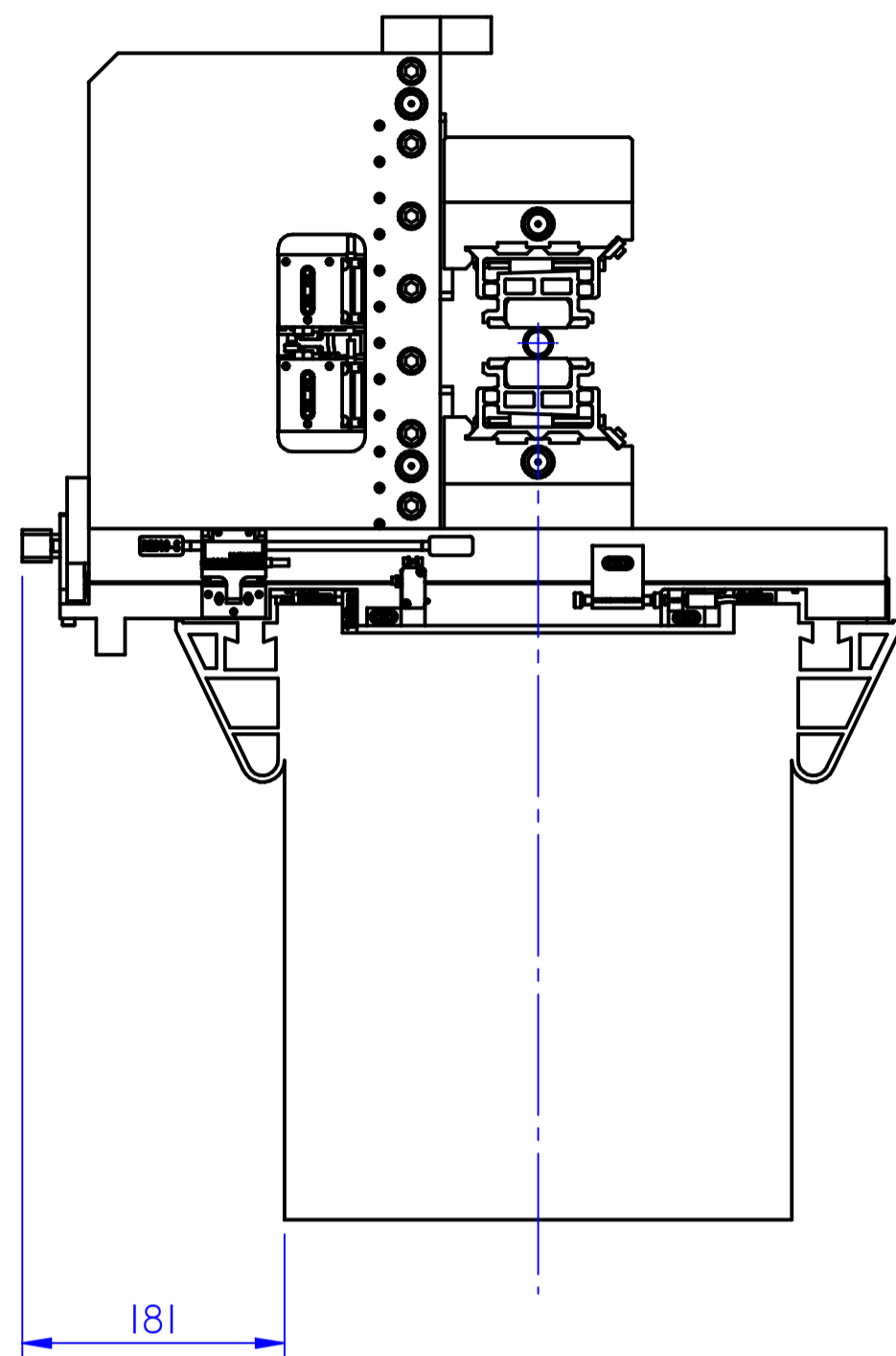
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A

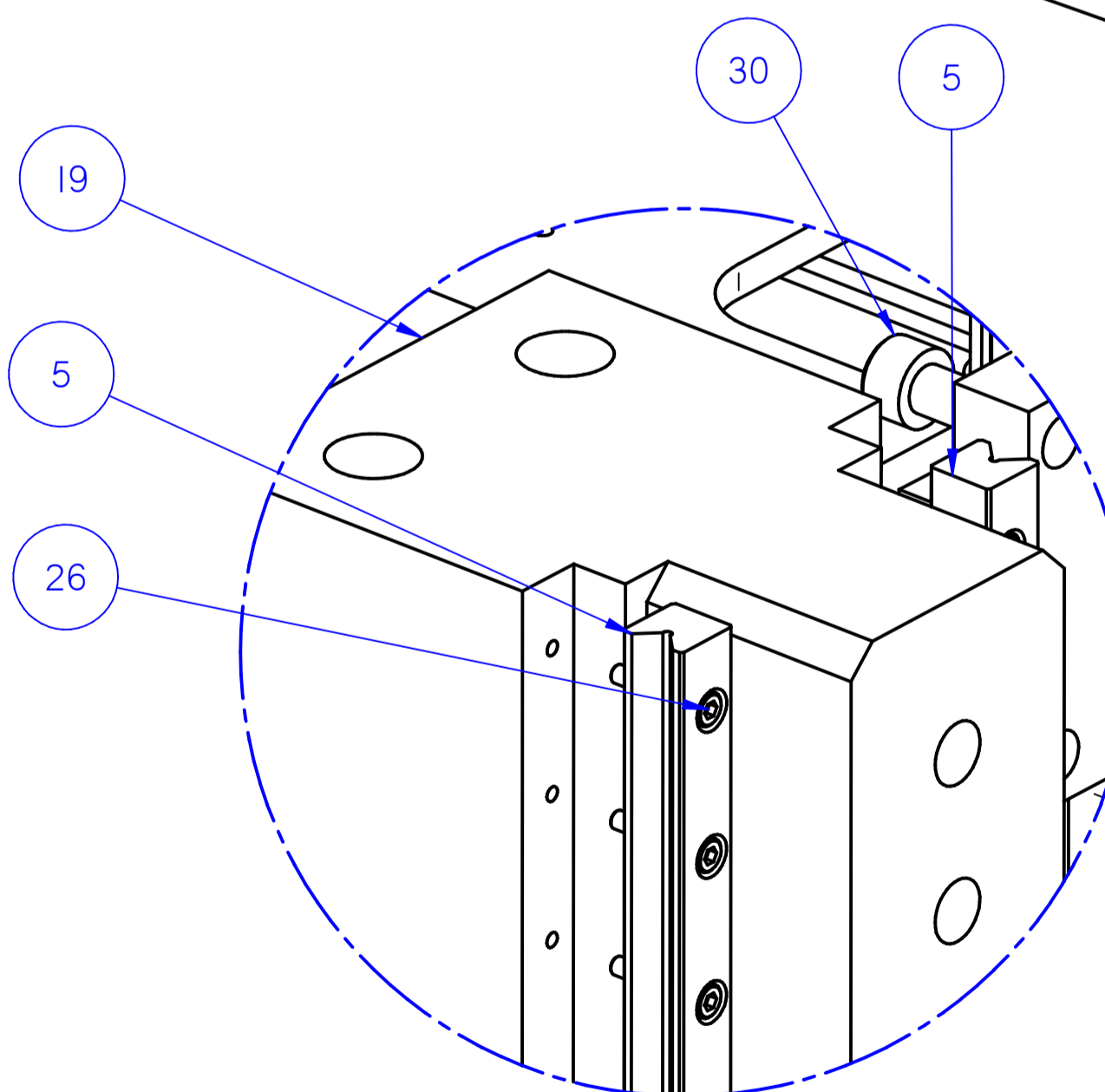
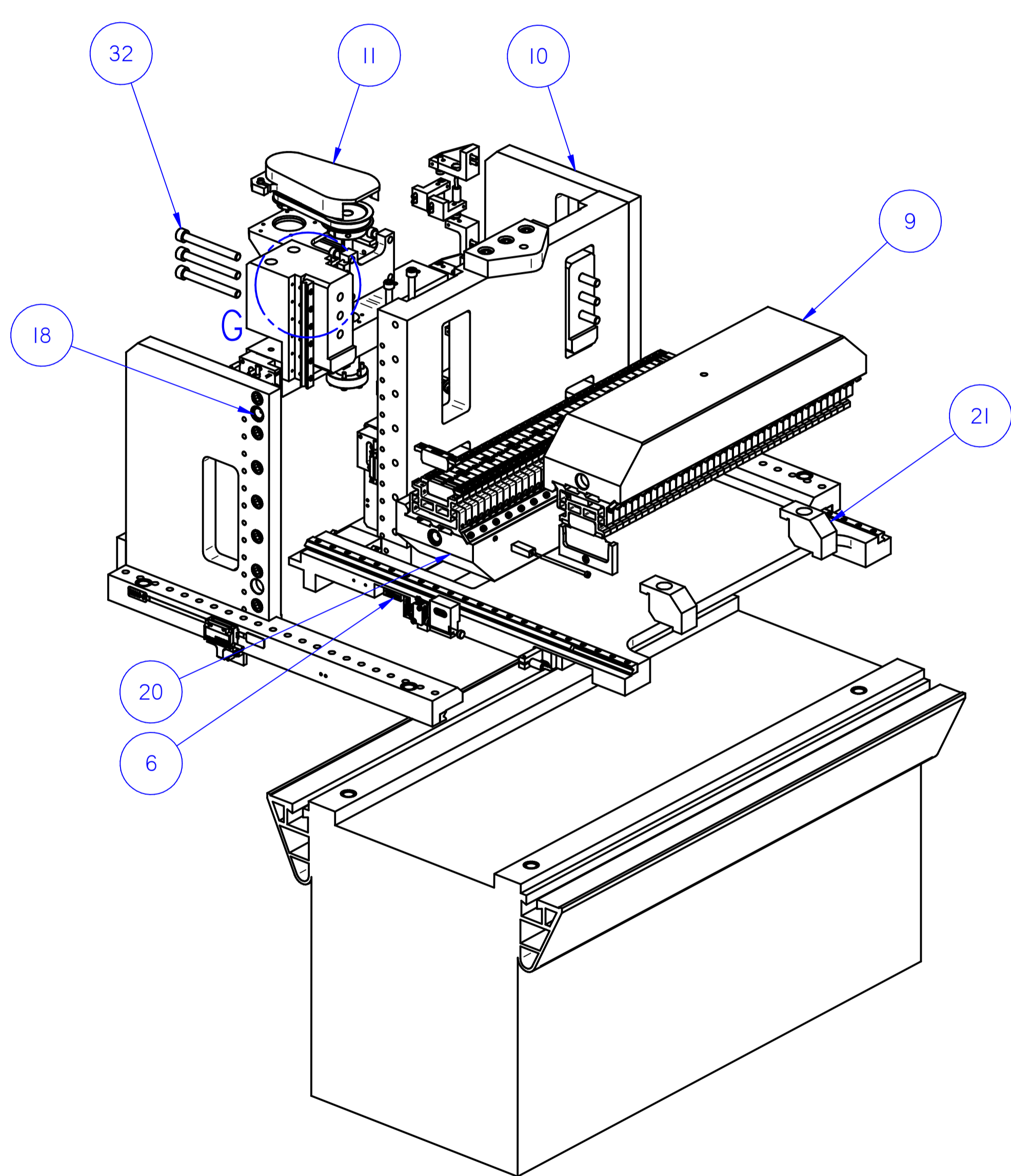
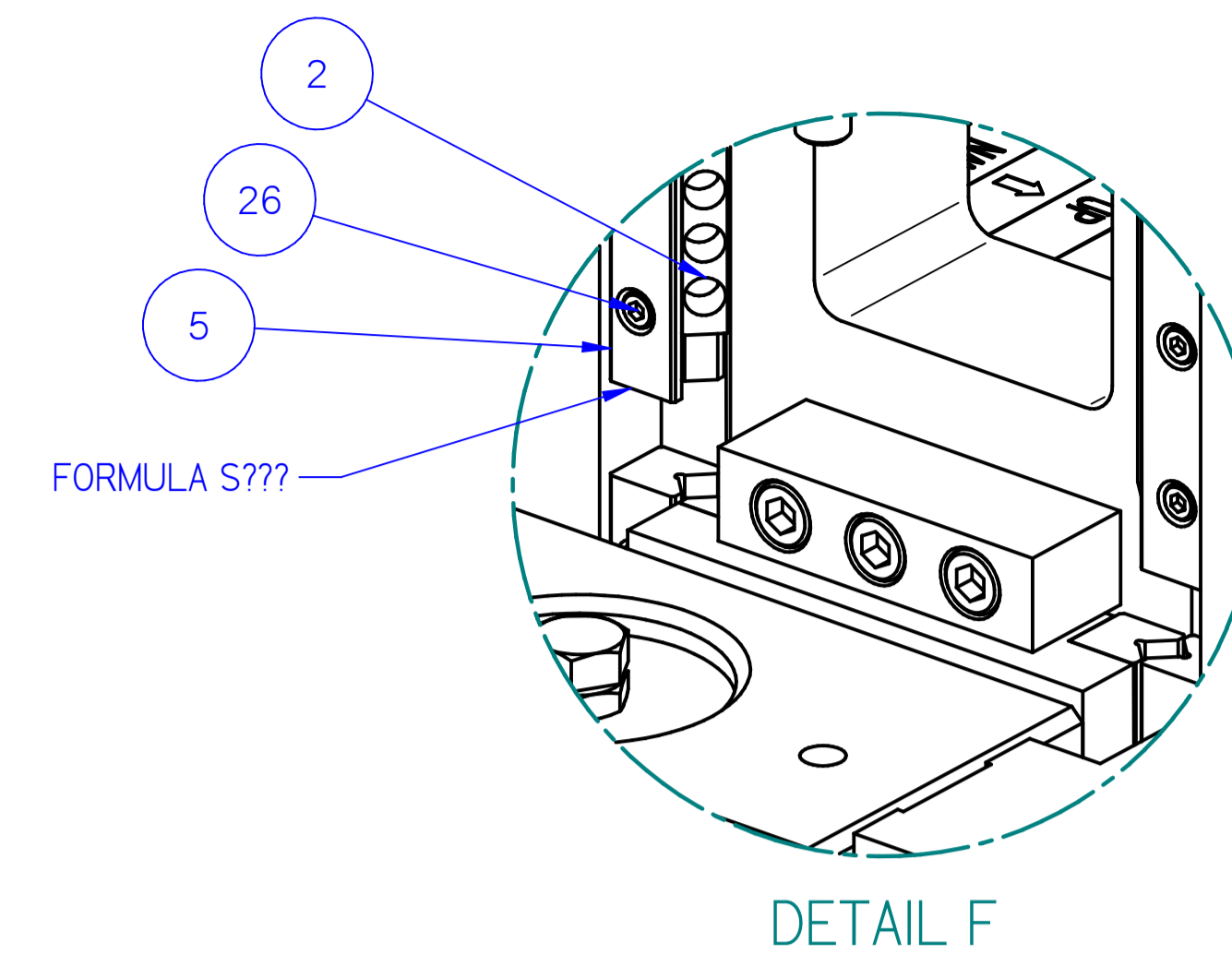
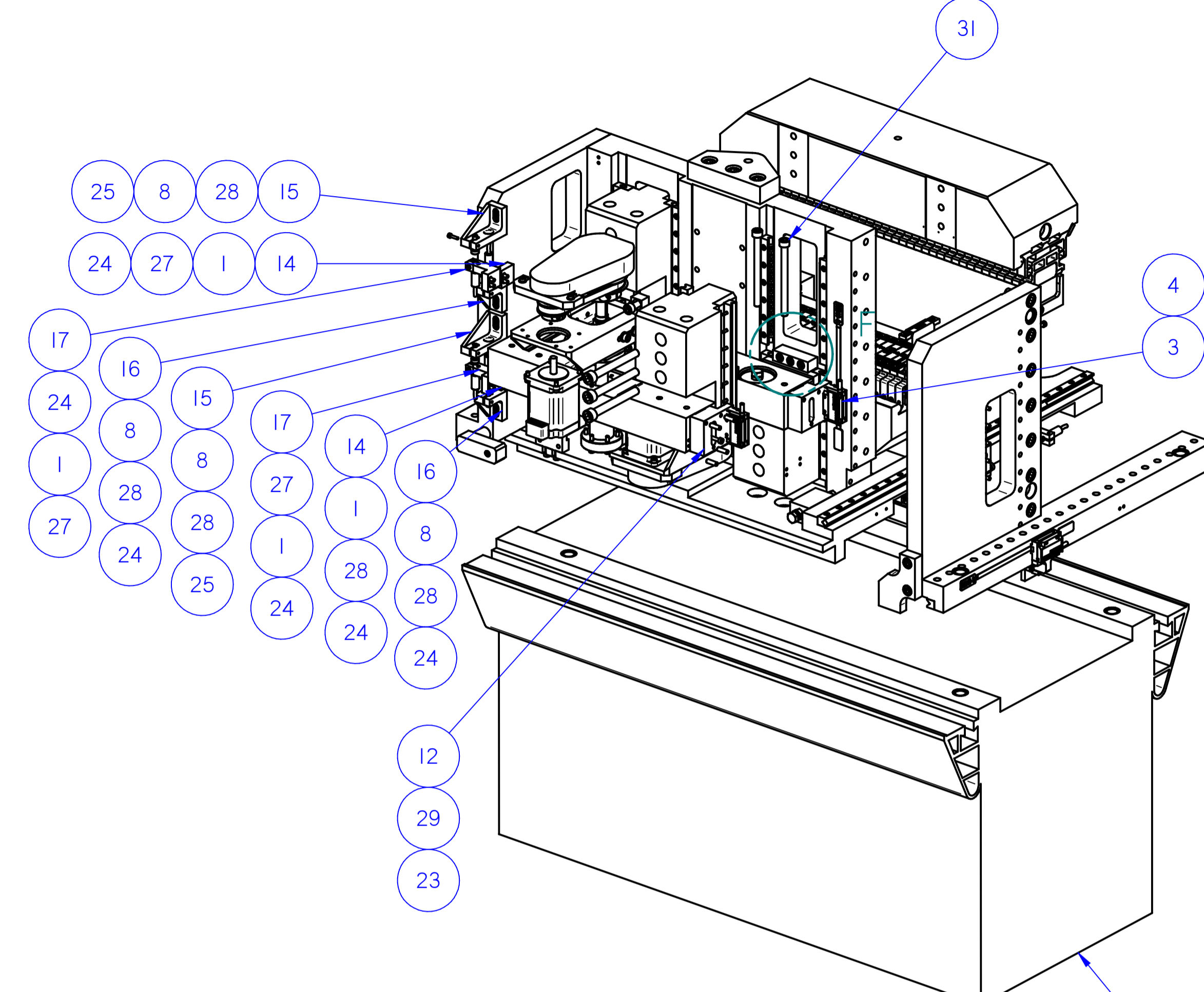
DRG NO. AI 256-11110 SHEET 3 OF 4

DRG. PRACTICE TO B.S. 308. THIRD ANGLE PROJECTION



RELEASE STATUS		WIP	
WELDING SPEC		---	
MATERIAL SPEC		---	
MATERIAL		---	
TOLERANCES UNLESS OTHERWISE STATED			
LINEAR DIMENSIONS UP TO		xxx ± xxx	OVER xxx ± xxx
ANGULAR DIMENSIONS		± xxx°	
SCALE 1:5			
0 500 ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED			
DRN.	SCA	SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	
DATE.	05/12/2012	DARESBUURY LABORATORY	
		CHESHIRE	
CKD.	BDF	TITLE	
DATE.	05/12/2012	SWISS FEL LASER HEATER UNDULATOR	
APPD.	BDF		
DATE.	--/--/--		
DRAWING NO.		SHEET 3 OF 4	
AI 256-11110		ISSUE	
		A	
SOLID EDGE CAD PART NO. 256-11110.asm ONLINE CLOSED			
USED ON		SWISS FEL/CLARA	
CONTRACTORS COMPANY		---	
CONTRACTORS DRG NO.		---	

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Ref	Drg No	Title	QTY
1	001-13647	MY-COM-E 341-424 POS SWITCH	4
2	001-13662	SCHNEEBERGER KBS 6 130LNG	8
3	001-13664	RENISHAW RGH41T30005A	2
4	001-13700	RG40-S A-9537-4008	1
5	001-13711	SCHNEEBERGER RNG 6 150LNG	16
6	001-13781	10MM SLIP GAUGE	8
8	256-11121	THUMB SCREW	4
9	256-11125	LASER HEATER TOP MAGNET ASSEMBLY	1
10	256-11135	HORIZONTAL DRIVE ASSEMBLY	1
11	256-11145	LEAD SCREW DRIVE ASSEMBLY	2
12	256-11153	ENCODER BRACKET TYPE 1	2
13	256-11156	SUPPLIED GRANITE BLOCK	1
14	256-11392	LIMIT SWITCH STOP BRACKET	2
15	256-11393	LIMIT SWITCH STOP BRACKET	2
16	256-11394	LIMIT SWITCH STOP BRACKET	2
17	256-11395	LIMIT SWITCH STOP BRACKET	2
18	256-11400	SWISS FEL SURVEY MOUNT	16
19	256-11401	GIRDER SUPPORT ARM	4
20	256-11470	BOTTOM MAGNET ASSEMBLY	1
21	256-11532	BASE CLAMP	2
23	GS1-050-016	GRUB SCREW M5x16	6
24	SHS-030-010	M3 x 10 LG SKT HD CAP SCREW	4
25	SHS-030-012	M3 x 12 LG CAP SCREW	4
26	SHS-030-016	M3 x 16 LG SKT HD CAP SCREW	100
27	SHS-040-012	M4 x 12 LG SKT HD CAP SCREW	8
28	SHS-040-016	M4 x 16 LG SKT CAP HD SCREW	8
29	SHS-040-020	M4 x 20 LG SKT CAP HD SCREW	4
30	SHS-080-020	M8 x 20 LG SKT HD CAP SCREW	8
31	SHS-080-100	M8 x 100LG SKT HD CAP SCREW	8
32	SHS-100-090	M10 x 90 LG SKT HD CAP SCREW	12

RELEASE STATUS	WIP		
WELDING SPEC	---		
MATERIAL SPEC	---		
MATERIAL	---		
TOLERANCES UNLESS OTHERWISE STATED			
LINEAR DIMENSIONS UP TO	xxx ± xxx	OVER	xxx ± xxx
ANGULAR DIMENSIONS	± xxx°		
SCALE	1:5		
ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED			

DRN.	SCA	SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	
DATE.	05/12/2012	DARESBUARY LABORATORY	
CKD.	BDF	CHESHIRE	
DATE.	05/12/2012	TITLE	
APPD.	BDF	SWISS FEL LASER HEATER UNDULATOR	
DATE.	--/--		
DRAWING NO.		SHEET 4 OF 4	ISSUE
AI 256-11110			A
SOLID EDGE CAD PART NO. 256-11110.asm ON LINE CLOSED			
USED ON		SWISS FEL/CLARA	
CONTRACTORS COMPANY		---	
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