

8

7

6

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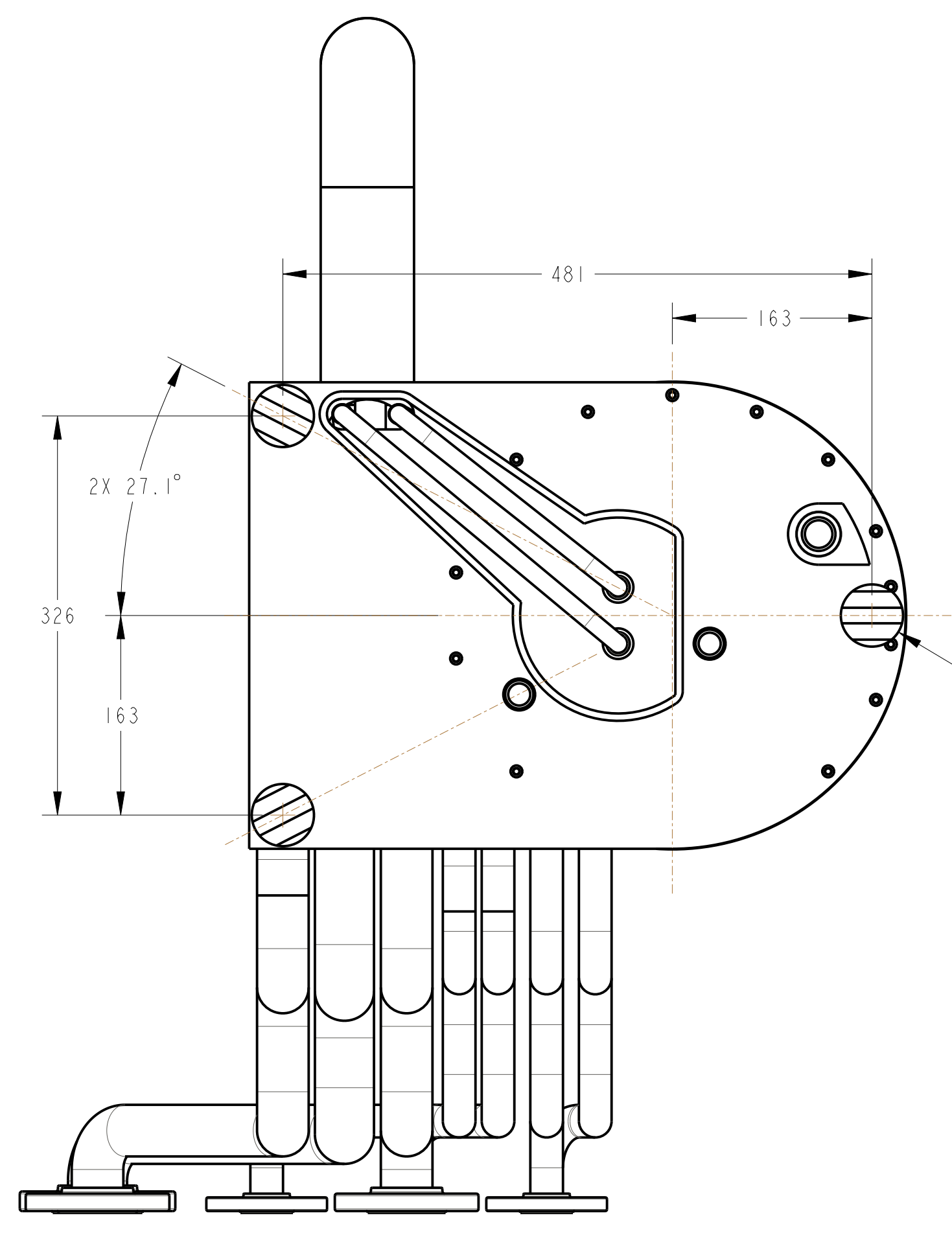
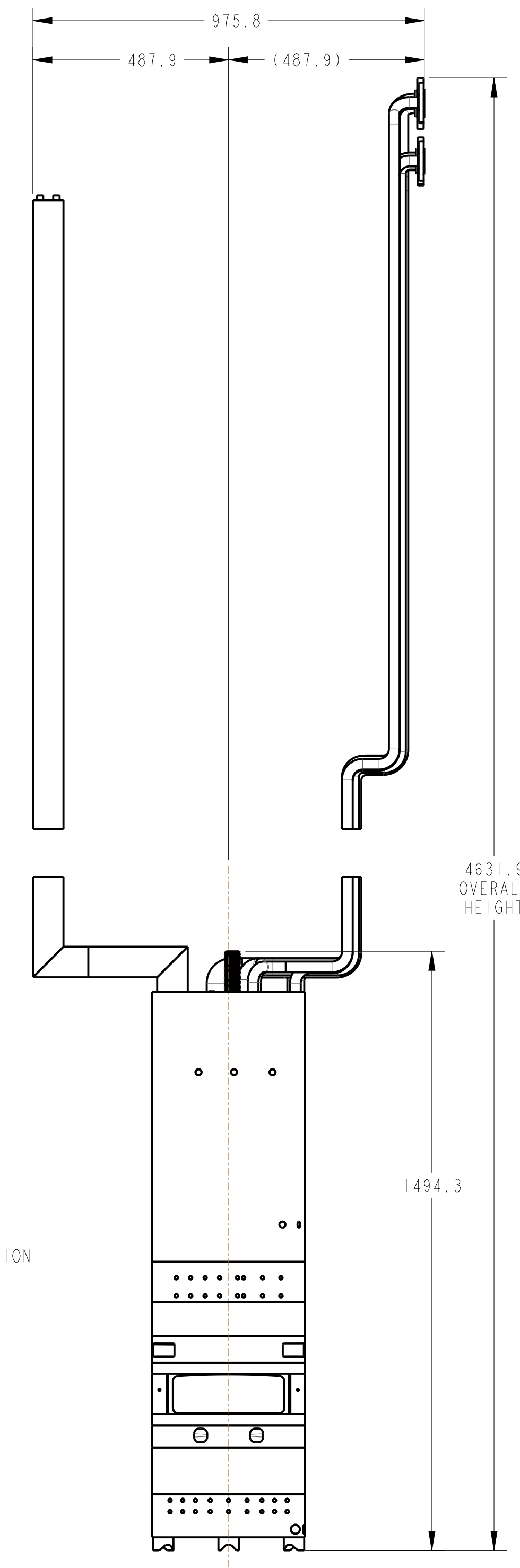
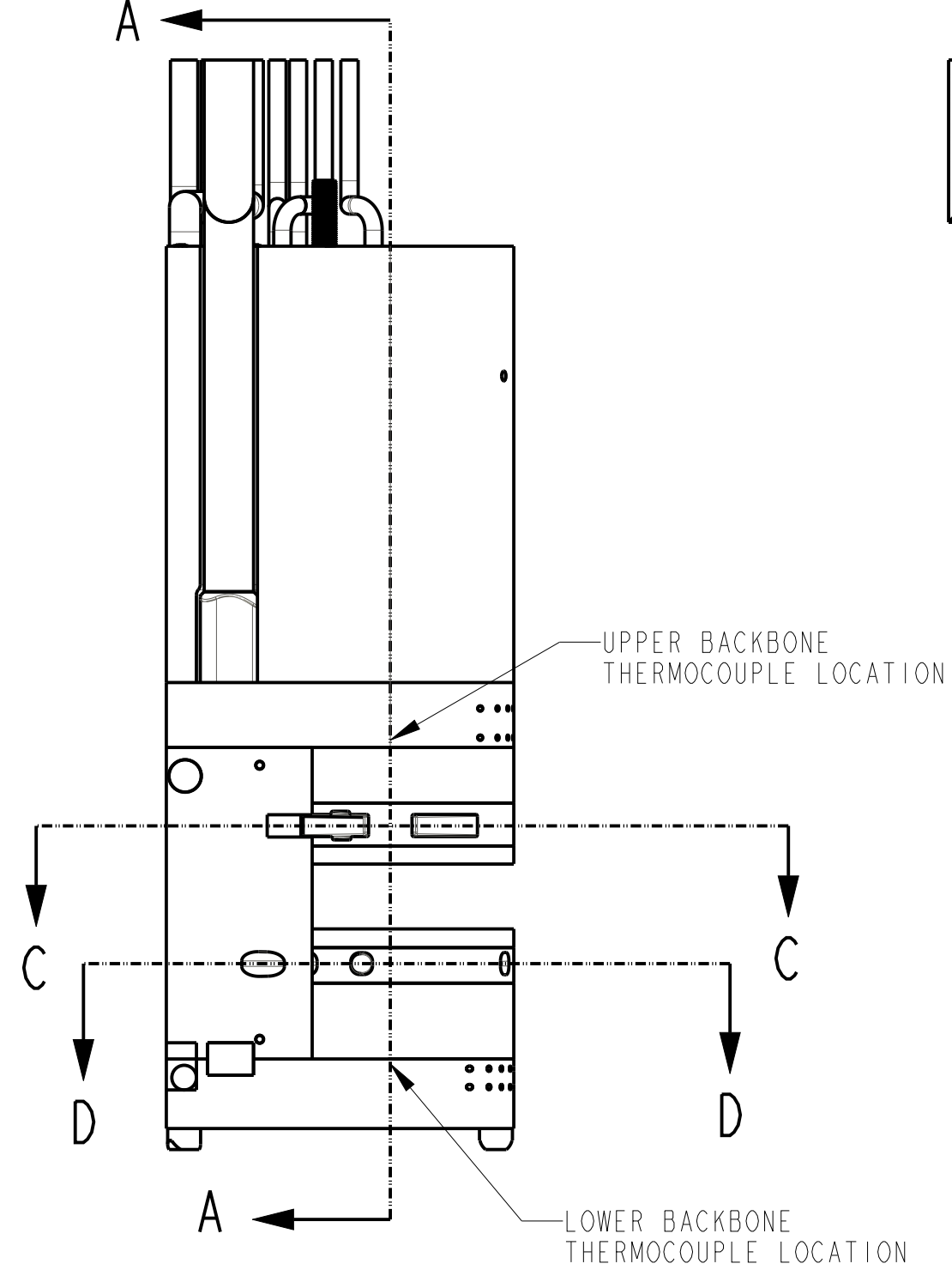
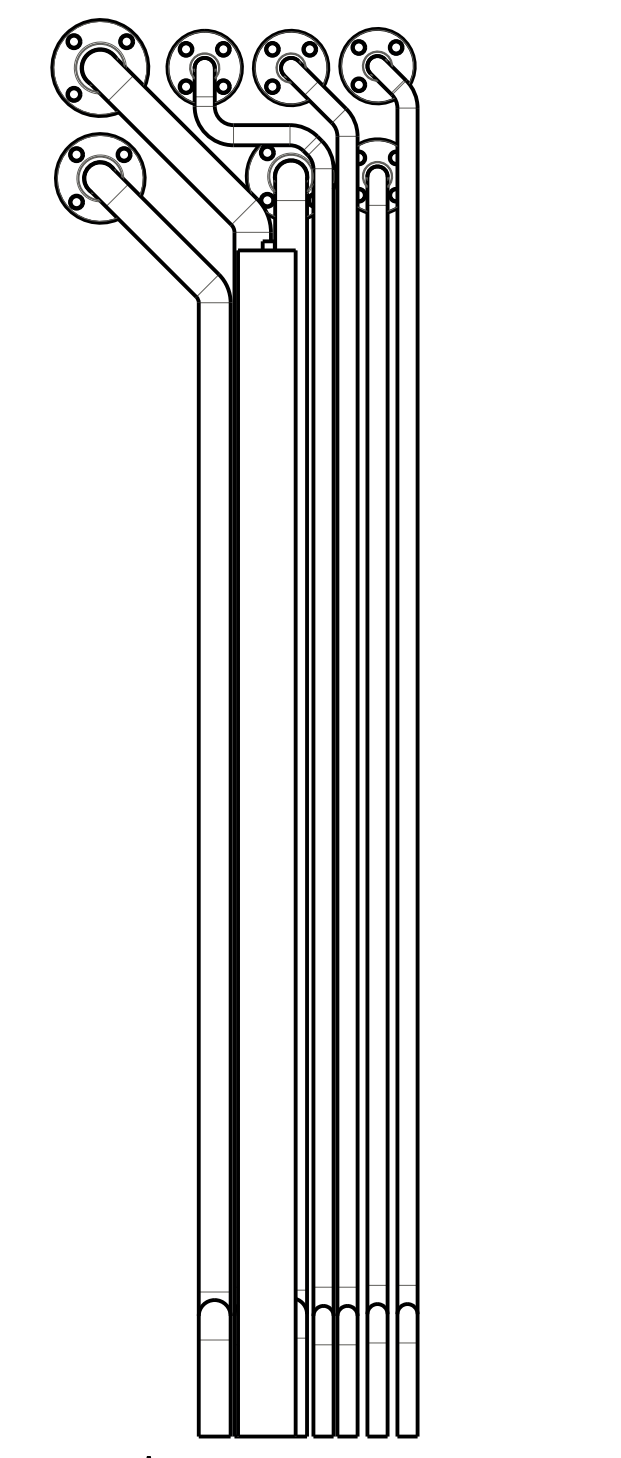
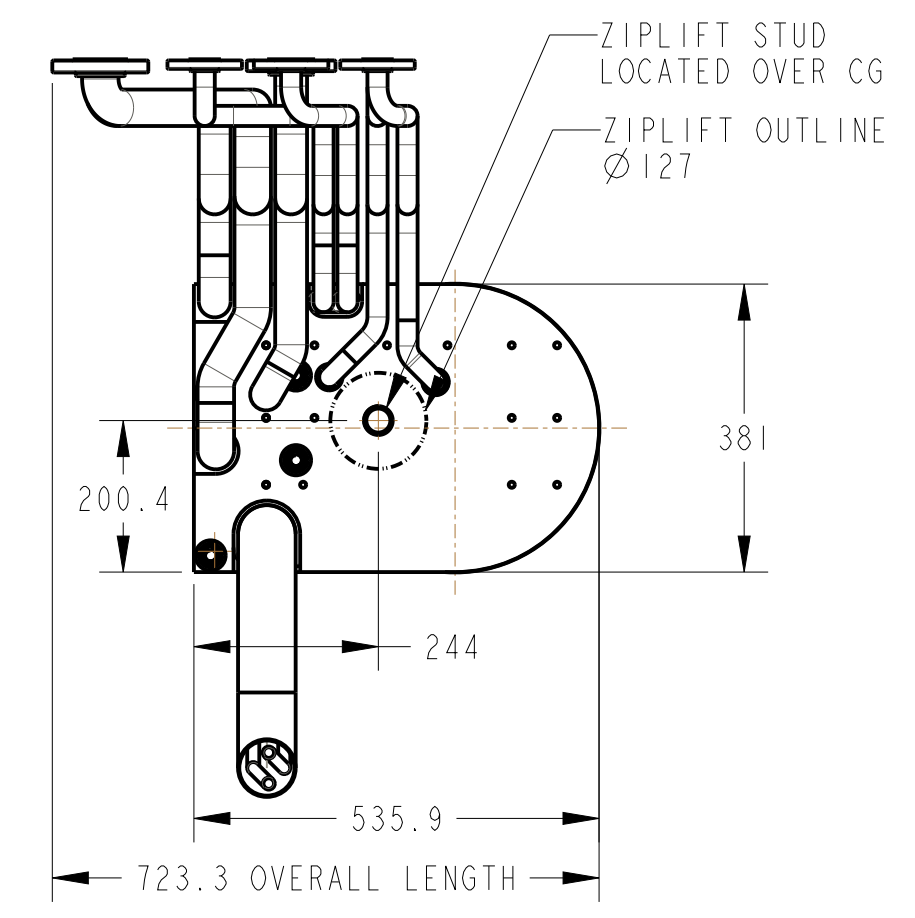
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NEXT USED ASSEMBLY
S03000000-M8U-8800-A10000

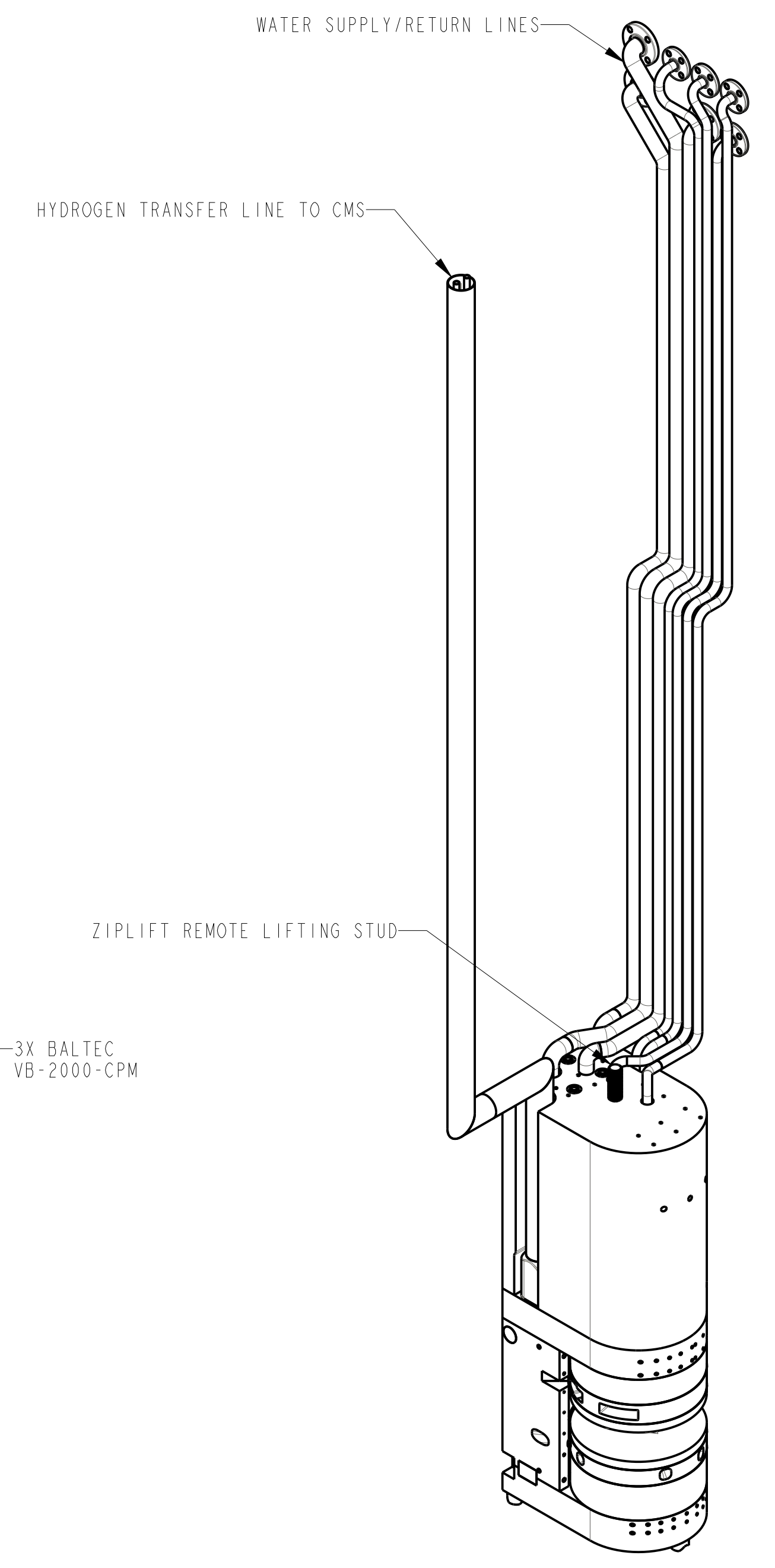
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APPROVAL BLOCK

REV	DESCRIPTION OF CHANGE	DES	CHK	ENG	API	AP2	AP3	DATE
A	DRAFT FOR PRELIMINARY DESIGN REVIEW							



BOTTOM VIEW-VEE BLOCK DETAILS
SCALE 1:4



SCALE 2:25

UNITS: MILLIMETERS	
DEFAULT TOLERANCES	
0-6 ±0.1	
6-120 ±0.2	
ANGULAR ±5°	
BREAK ALL SHARP EDGES EXCEPT AS NOTED: 15 MAX	
SURFACE ROUGHNESS: 3.2 Ra UNO.	
DRAFTING STD: ASME Y14.100 D & T: ASME Y14.5 WELD SYMBOLS: AWS A2.4	
THIRD ANGLE PROJECTION	



SECOND TARGET STATION
TARGET SYSTEMS
MODERATOR REFLECTOR ASSEMBLY

DRAWING NUMBER	REV		
S03040000-M8U-8800-A10000	A		
SIZE	SCALE	WEIGHT	SHEET
D	1:10	1489 kg	1 of 5

8

7

6

5

4

3

2

1

8

7

6

5

4

3

2

1

D

D

C

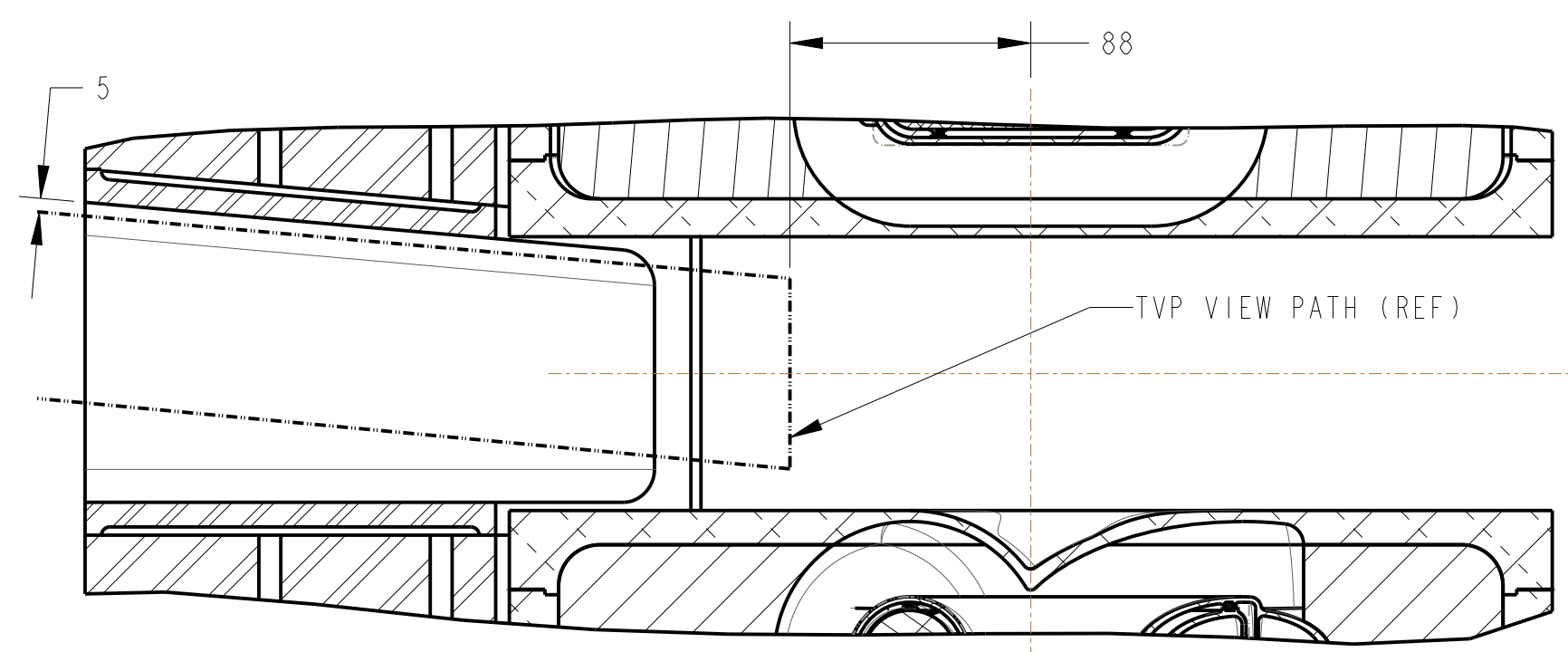
C

B

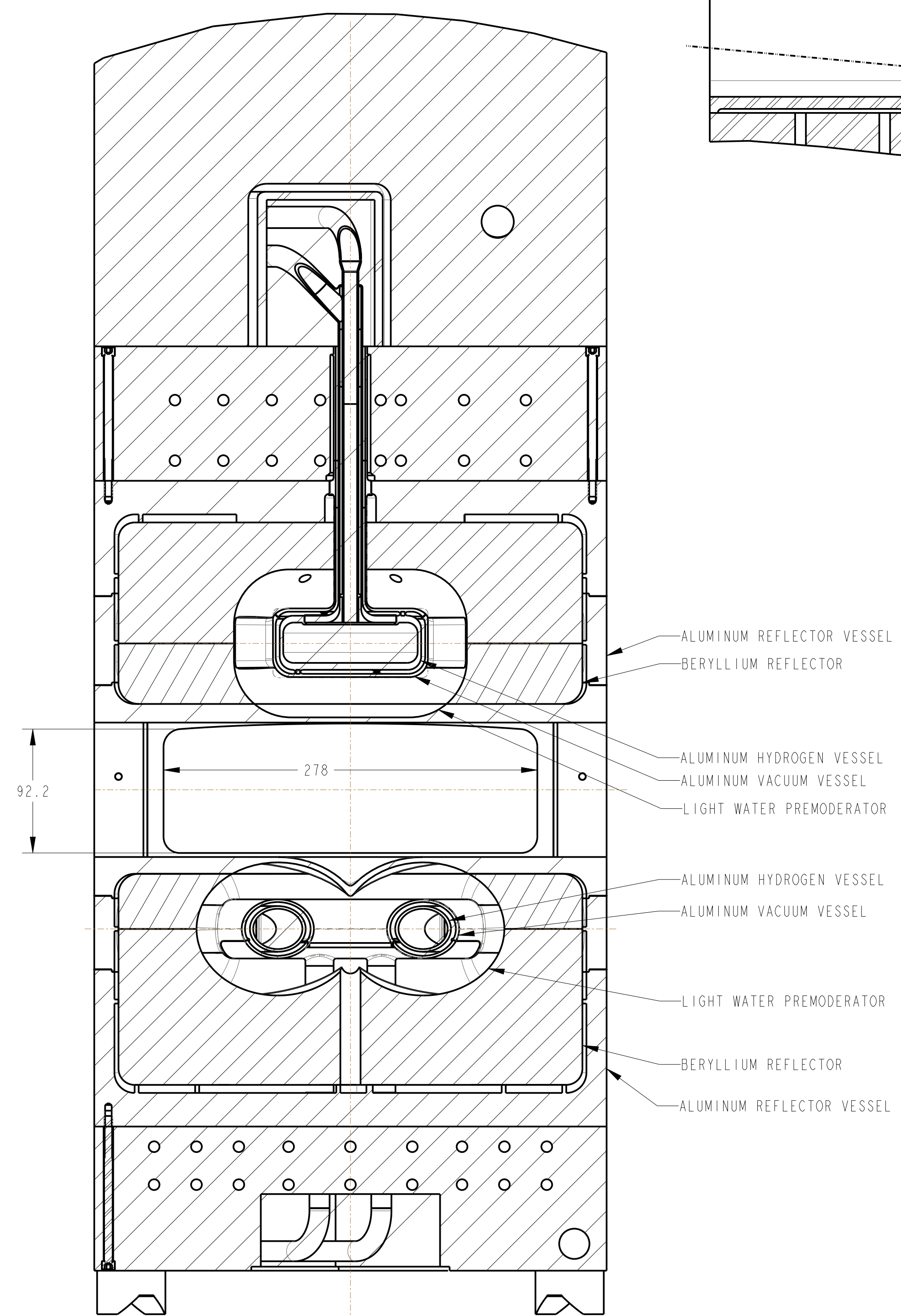
B

A

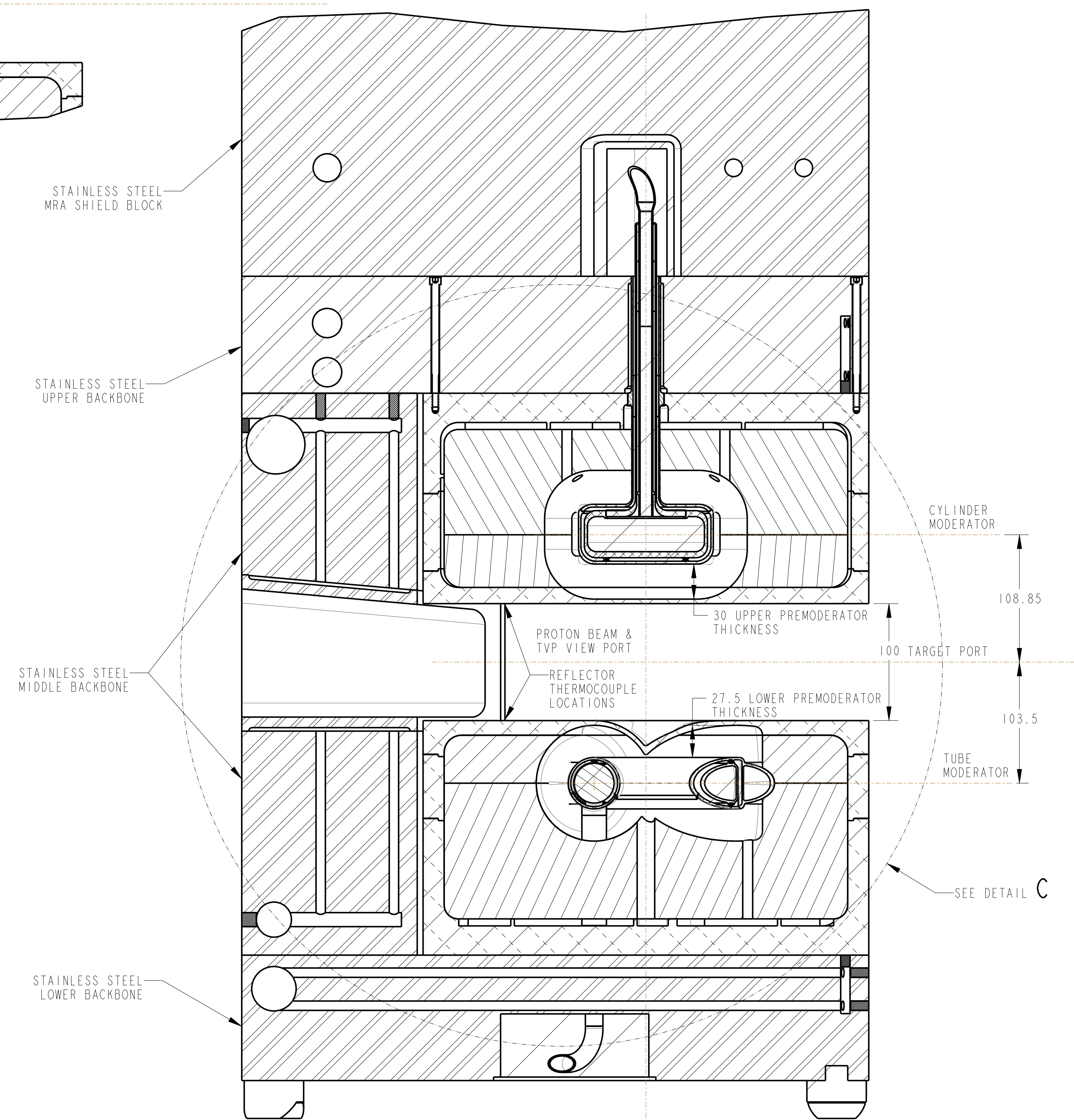
A



TVP DETAIL
 DETAIL C
 SCALE 2:5



SECTION THROUGH MODERATORS
 SECTION A-A
 SCALE 2:5
 SEE SHEET 1



SECTION THROUGH MODERATORS
 SECTION B-B
 SCALE 2:5
 SEE SHEET 1

SIZE	SCALE	SHEET	DRAWING NUMBER	REV
D	1:5	2 OF 5	S03040000-M8U-8800-A10000	A

8

92196A307.SS-075X4.25

13 22

6

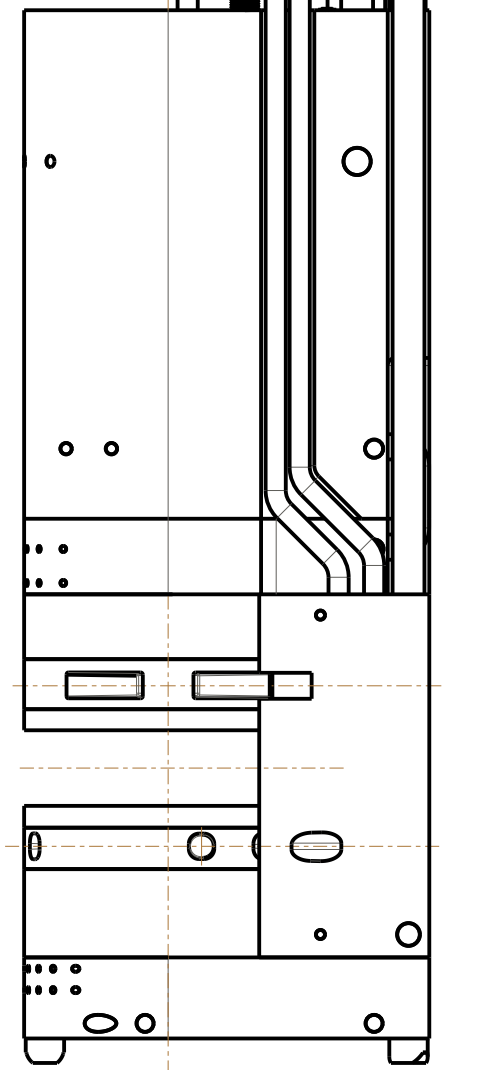
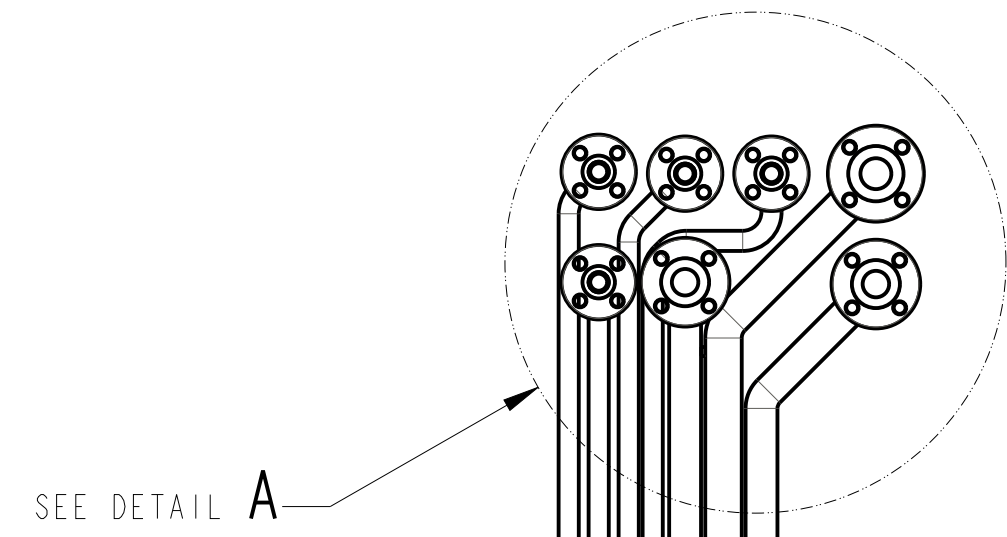
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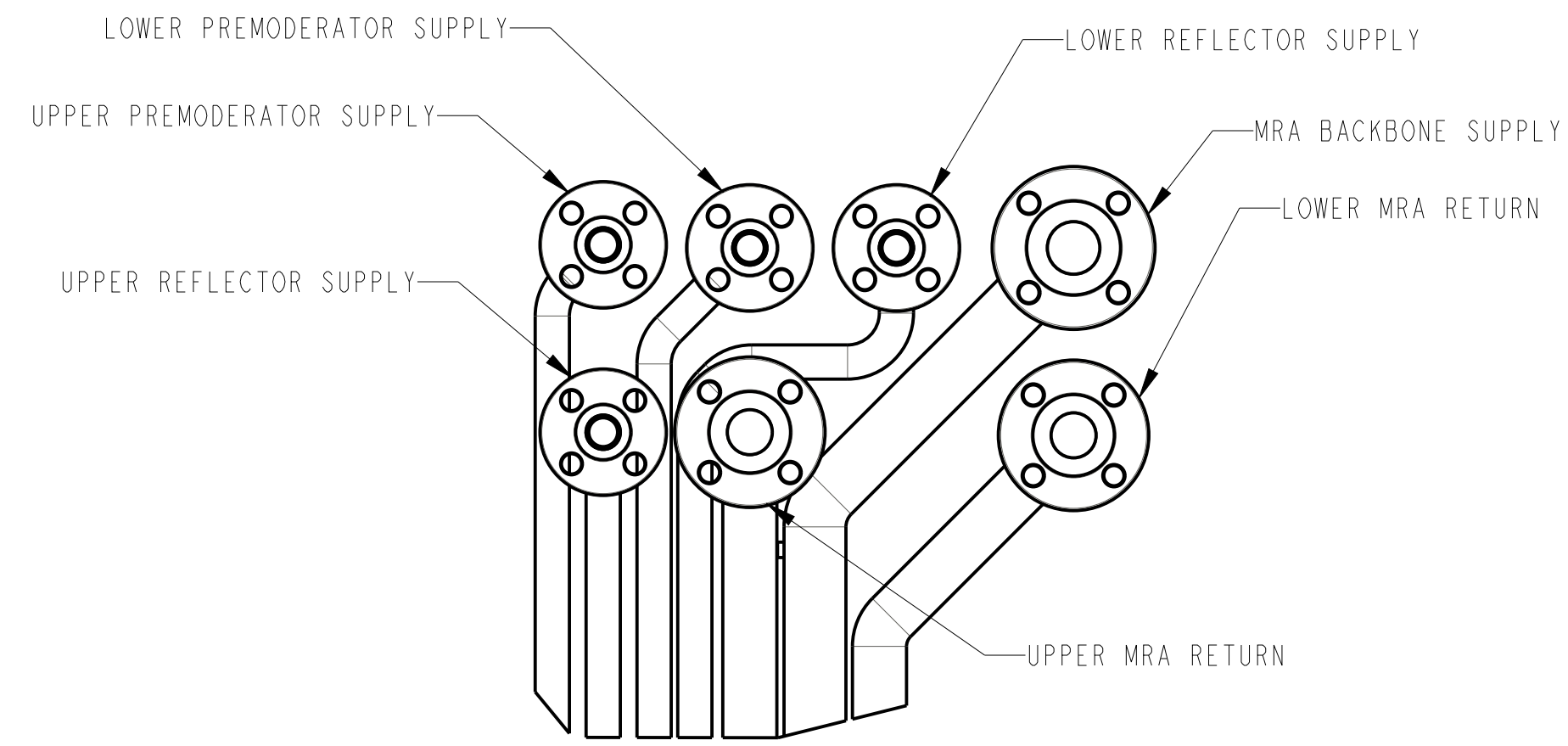
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2

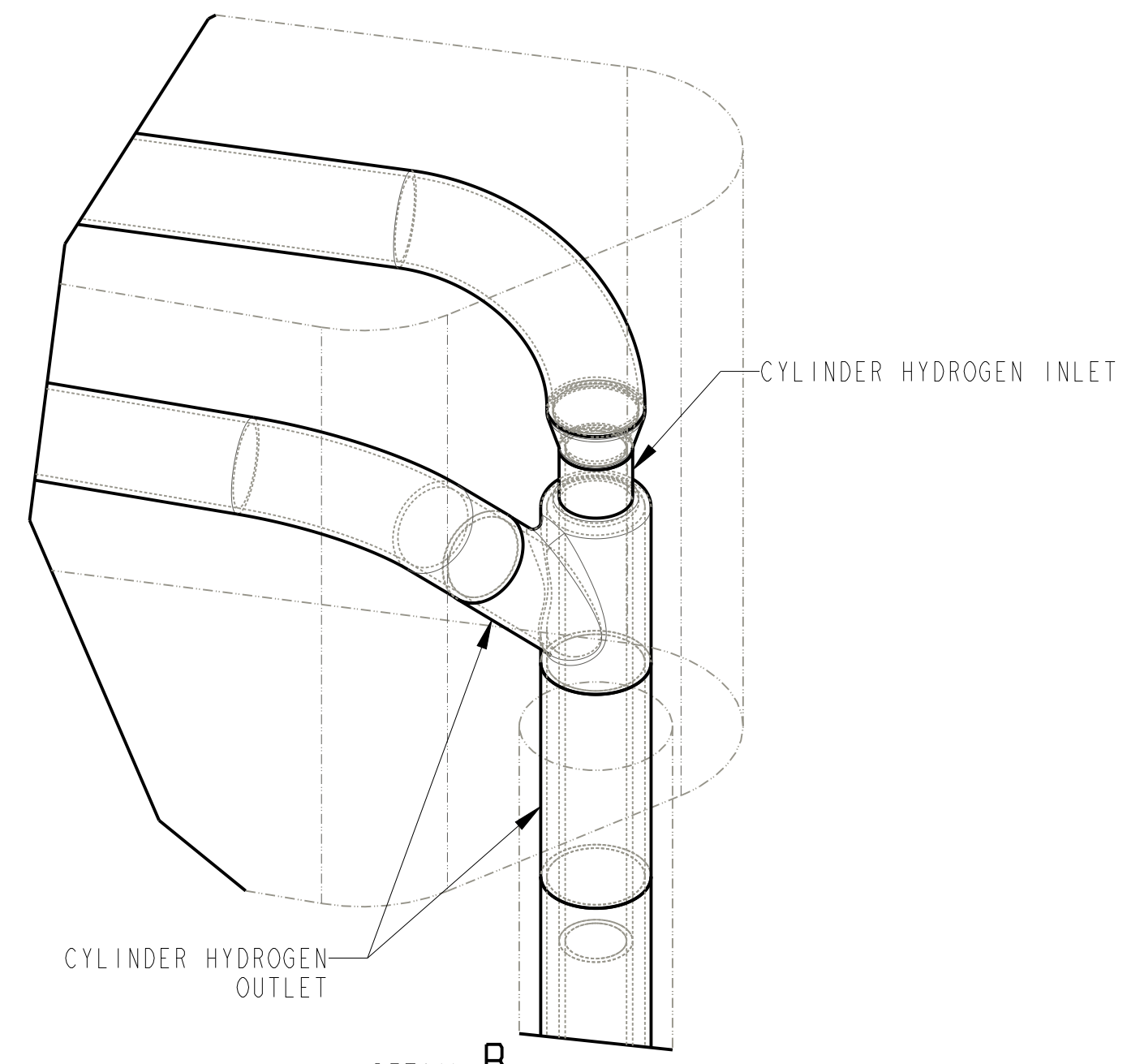
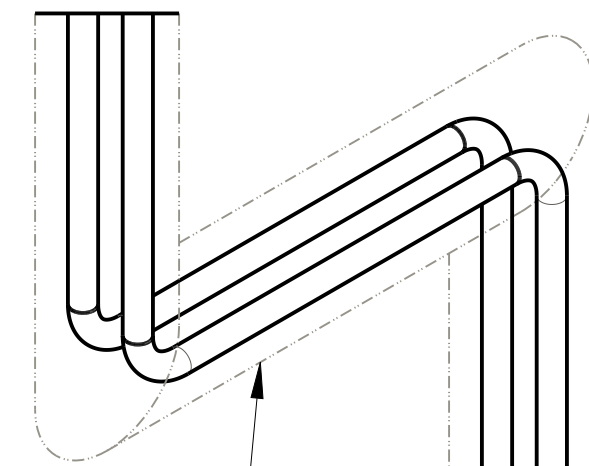
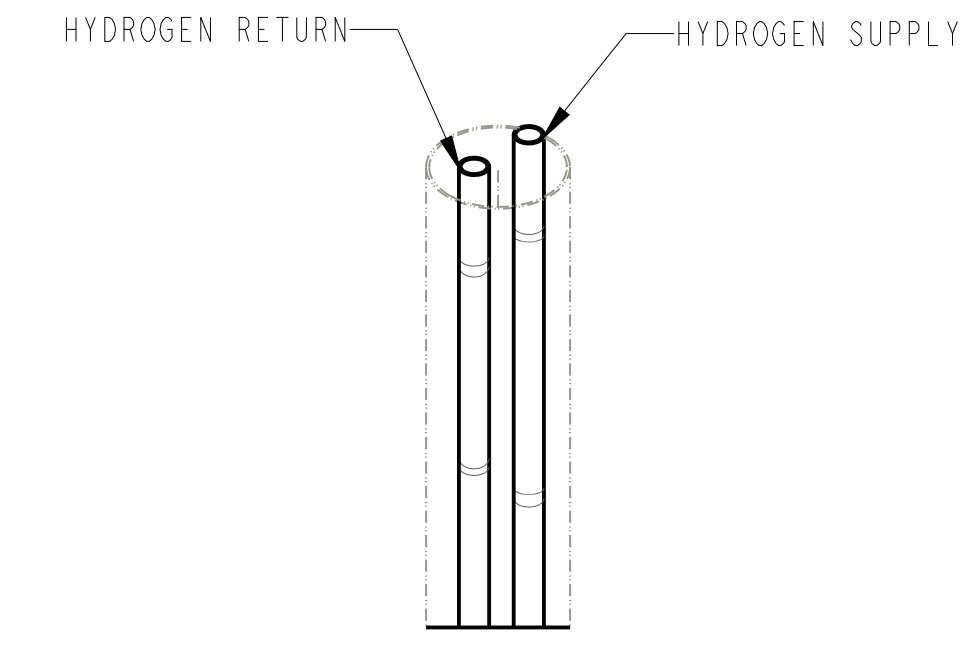
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PIPING VIEW
SCALE 1:10

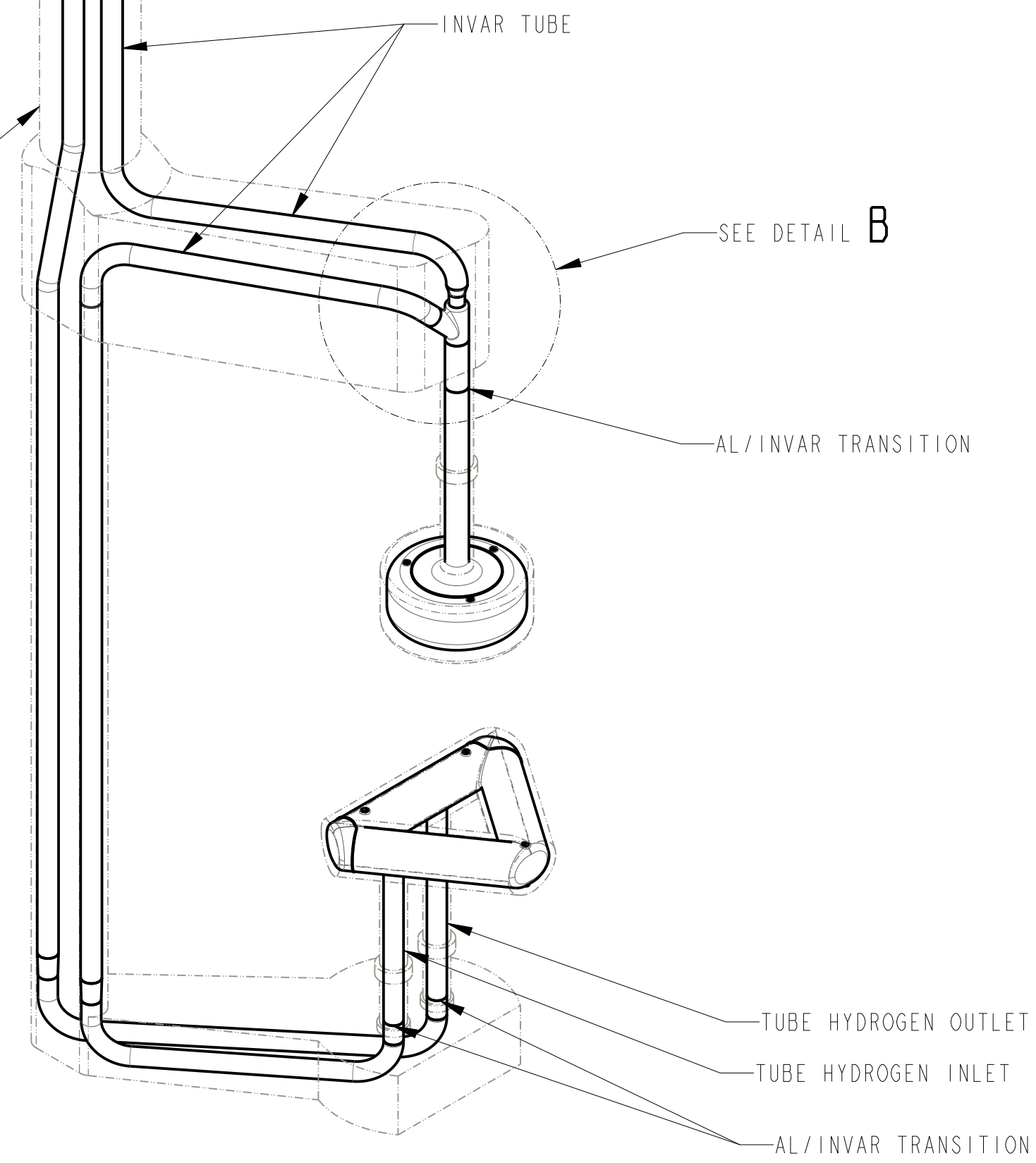


DETAIL A
SCALE 1:5



DETAIL B
SCALE 1:1

ENCLOSED WITHIN
CONTINUOUS VACUUM BOUNDARY



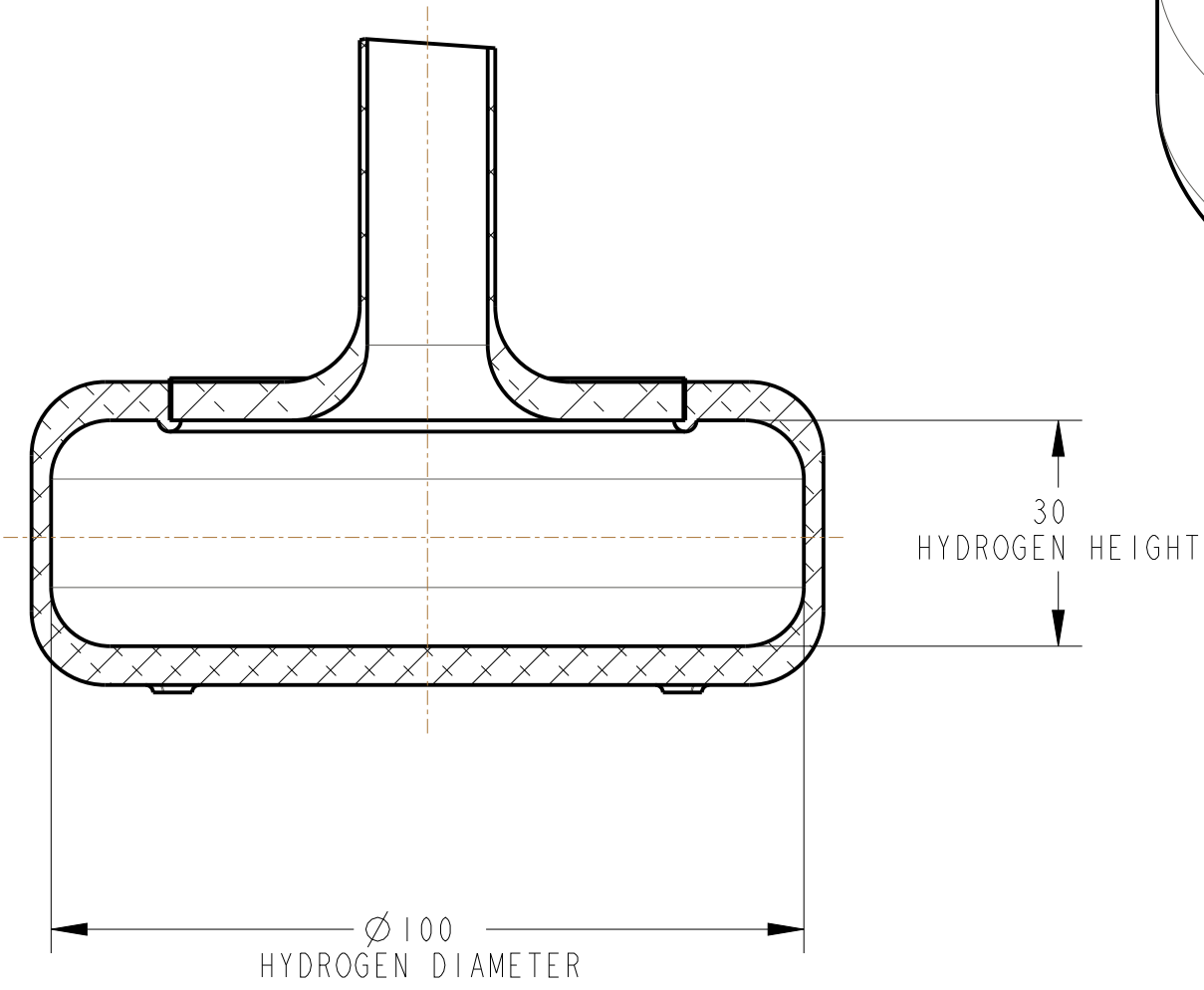
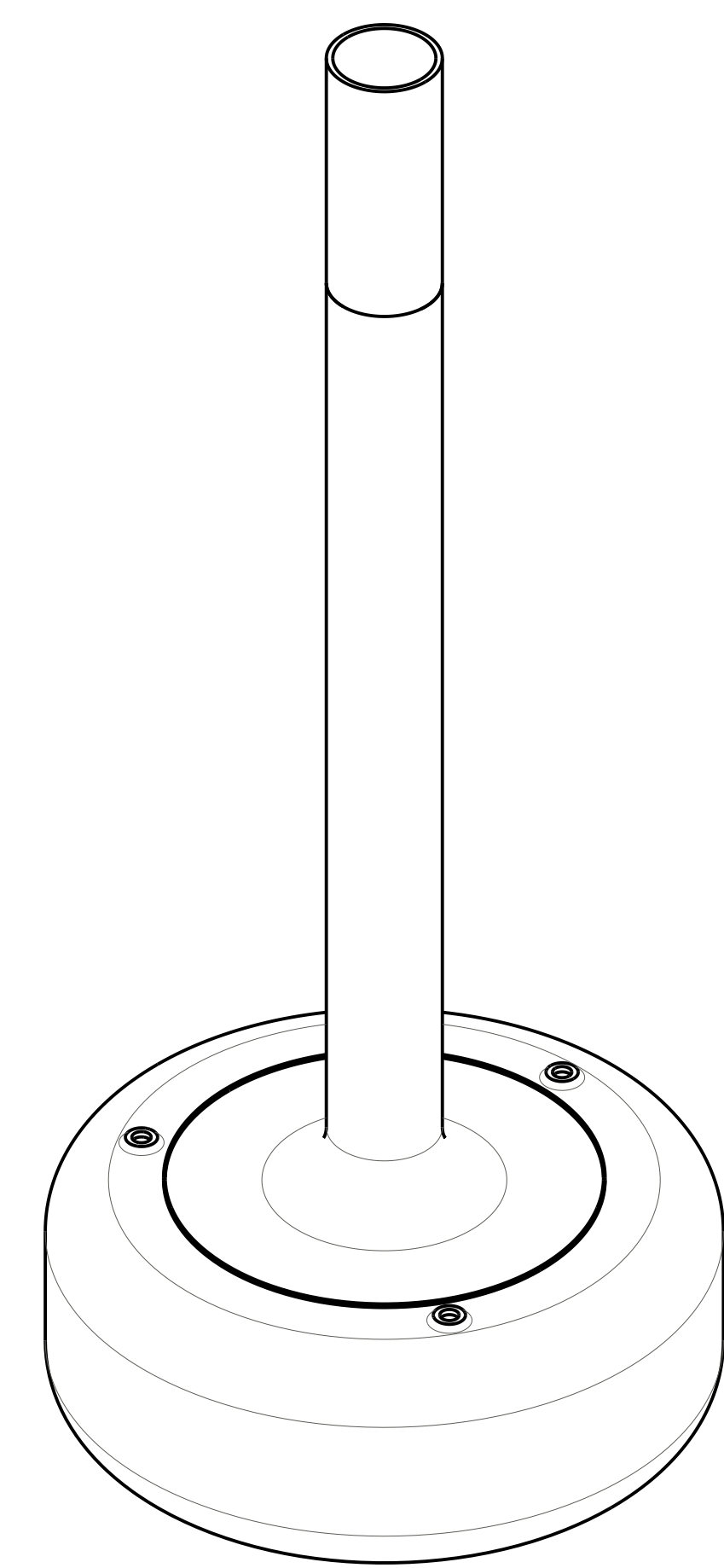
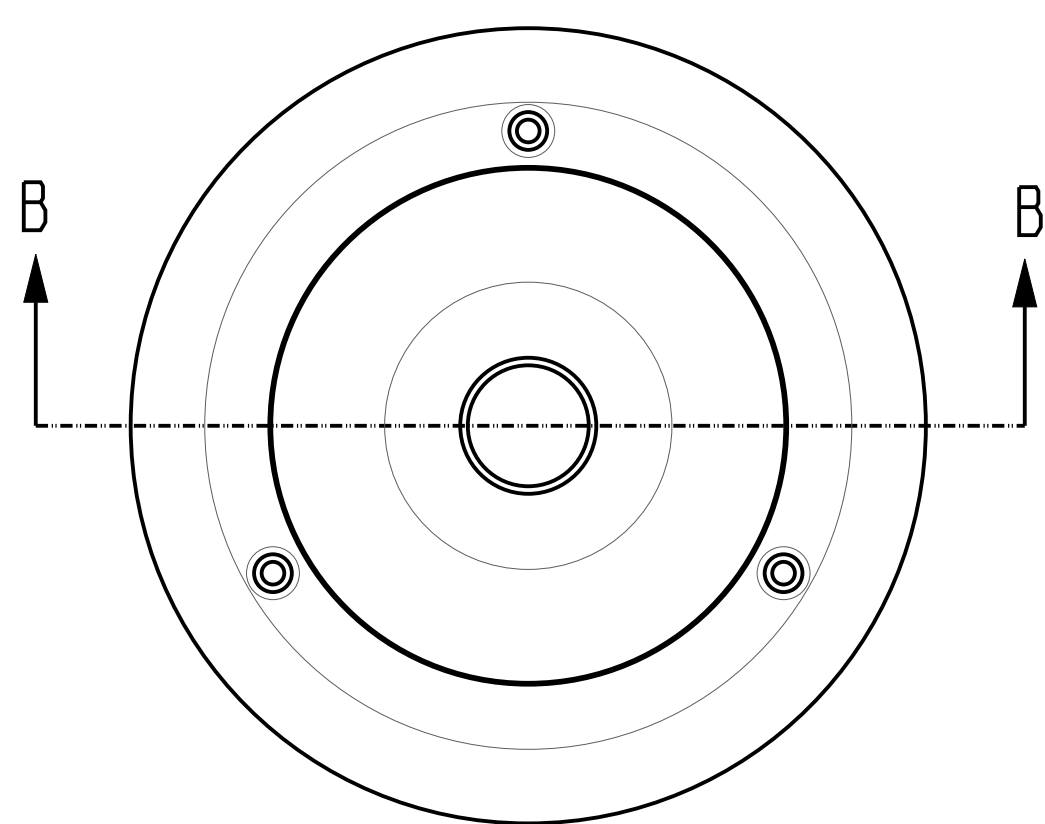
SCALE 1:4
HYDROGEN BOUNDARY

SIZE	SCALE	SHEET	DRAWING NUMBER	REV
D	1:5	3 OF 5	S03040000-M8U-8800-A10000	A

8 7 6 5 4 3 2 1

D
C
B
A

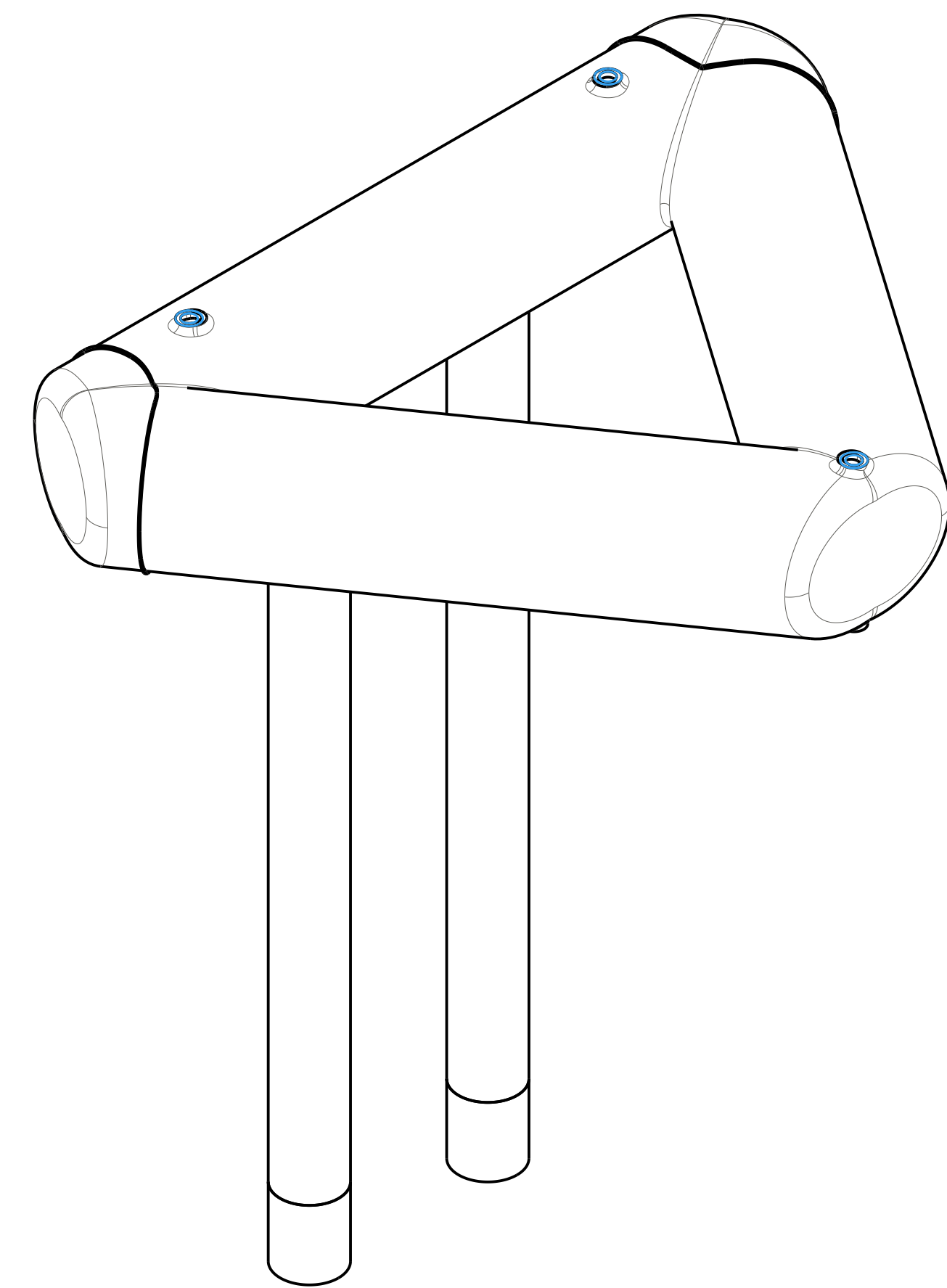
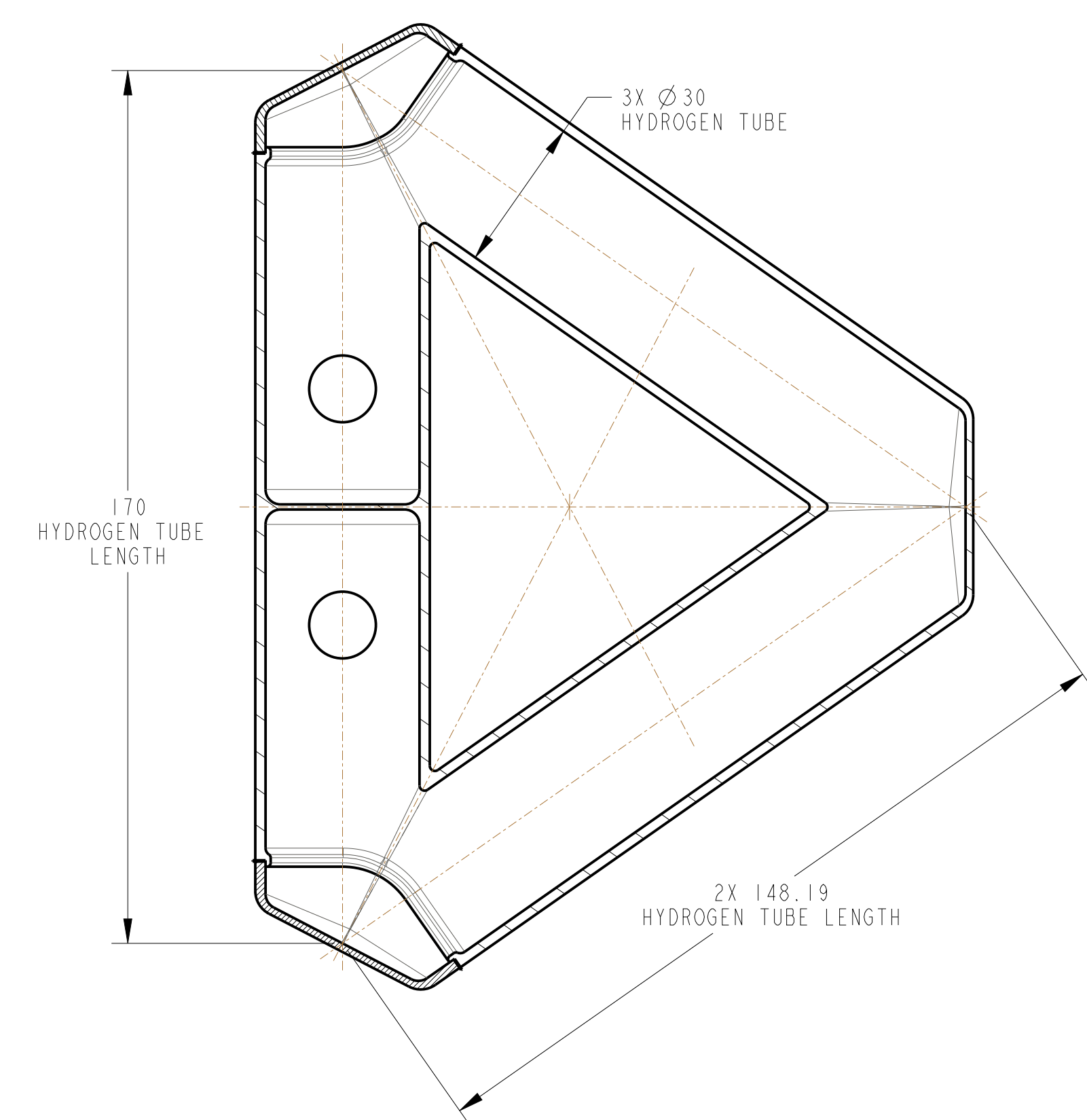
D
C
B
A



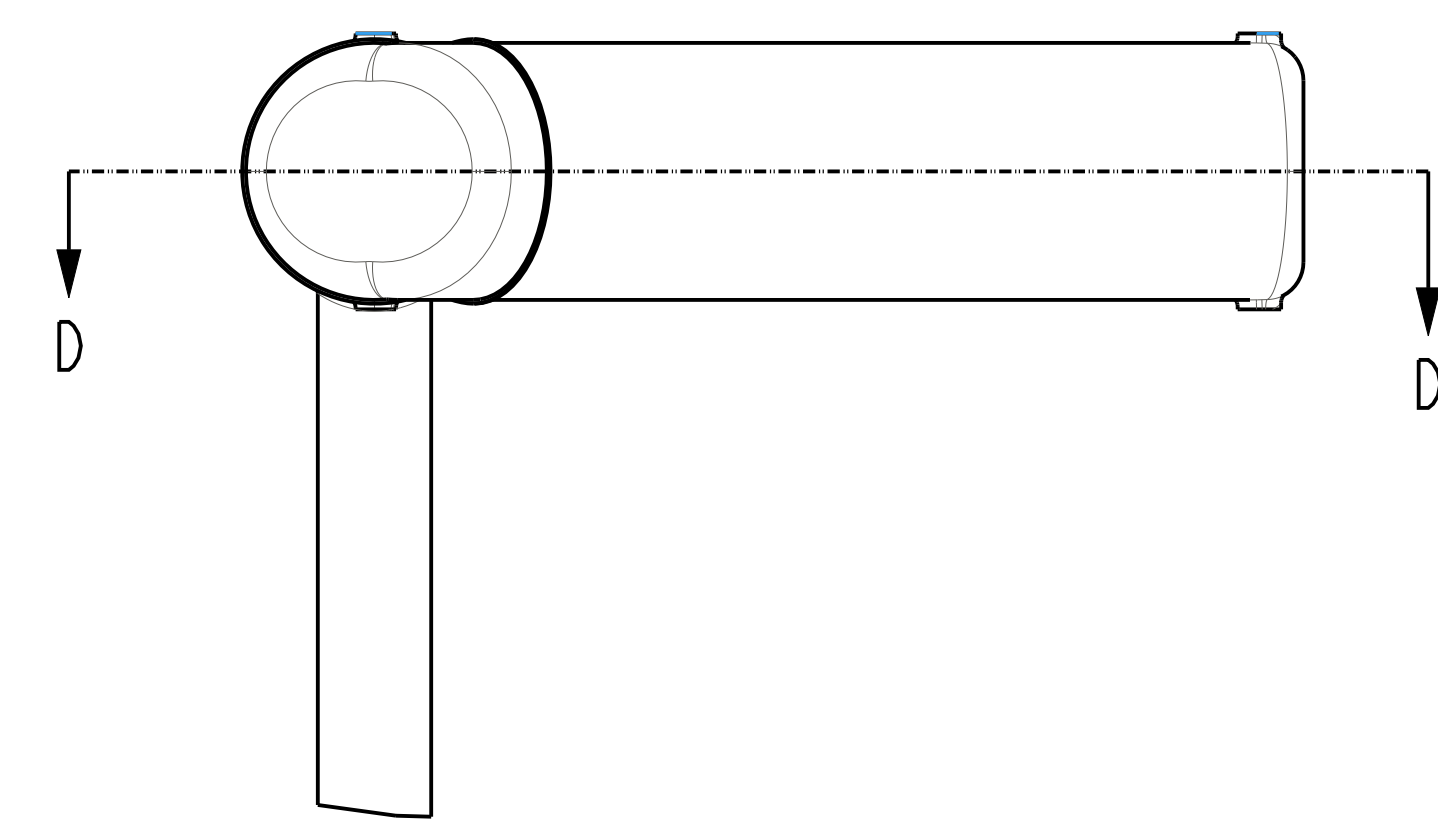
SECTION B-B

CYLINDER MODERATOR DETAIL
SCALE 1:1

SCALE 1:1



SCALE 1:1



SECTION D-D

TUBE MODERATOR DETAIL
SCALE 1:1

SIZE	SCALE	SHEET	DRAWING NUMBER	REV
D	1:10	4 OF 5	S03040000-M8U-8800-A10000	A

8 7 6 5 4 3 2 1

8 7 6 5 4 3 2 1

D

D

C

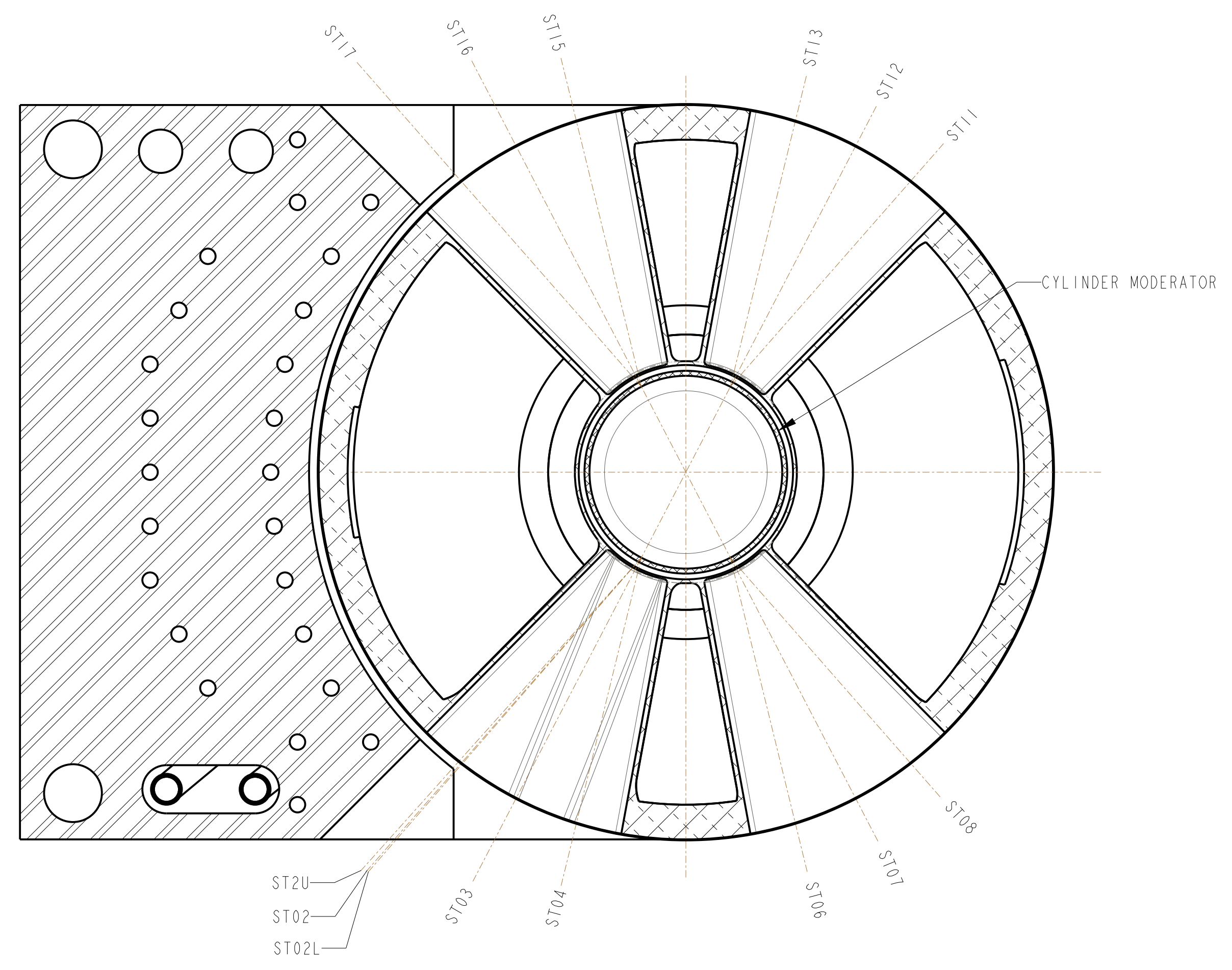
C

B

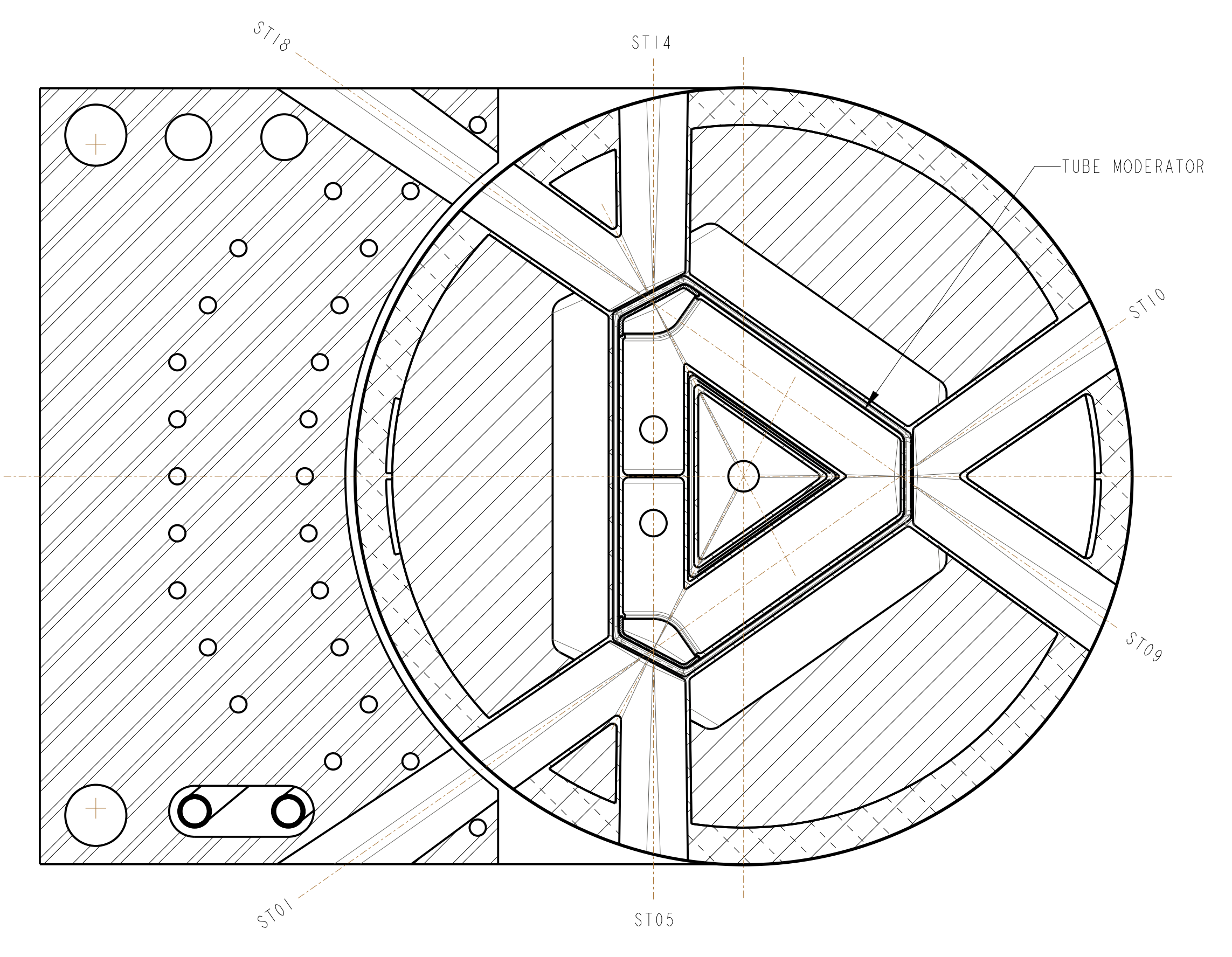
B

A

A



SECTION AT CYLINDER MODERATOR
 BEAMLINE REFERENCE
 SECTION C-C
 SCALE 1:2
 SEE SHEET 1



SECTION AT TUBE MODERATOR
 BEAMLINE REFERENCE
 SECTION D-D
 SCALE 1:2
 SEE SHEET 1

SIZE	SCALE	SHEET	DRAWING NUMBER	REV
D	1:10	5 OF 5	S03040000-M8U-8800-A10000	A

8 7 6 5 4 3 2 1