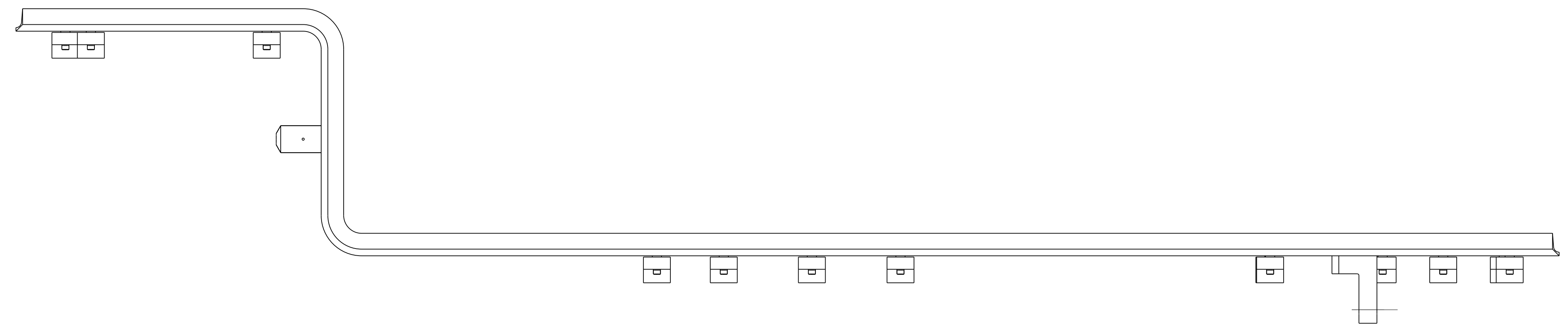
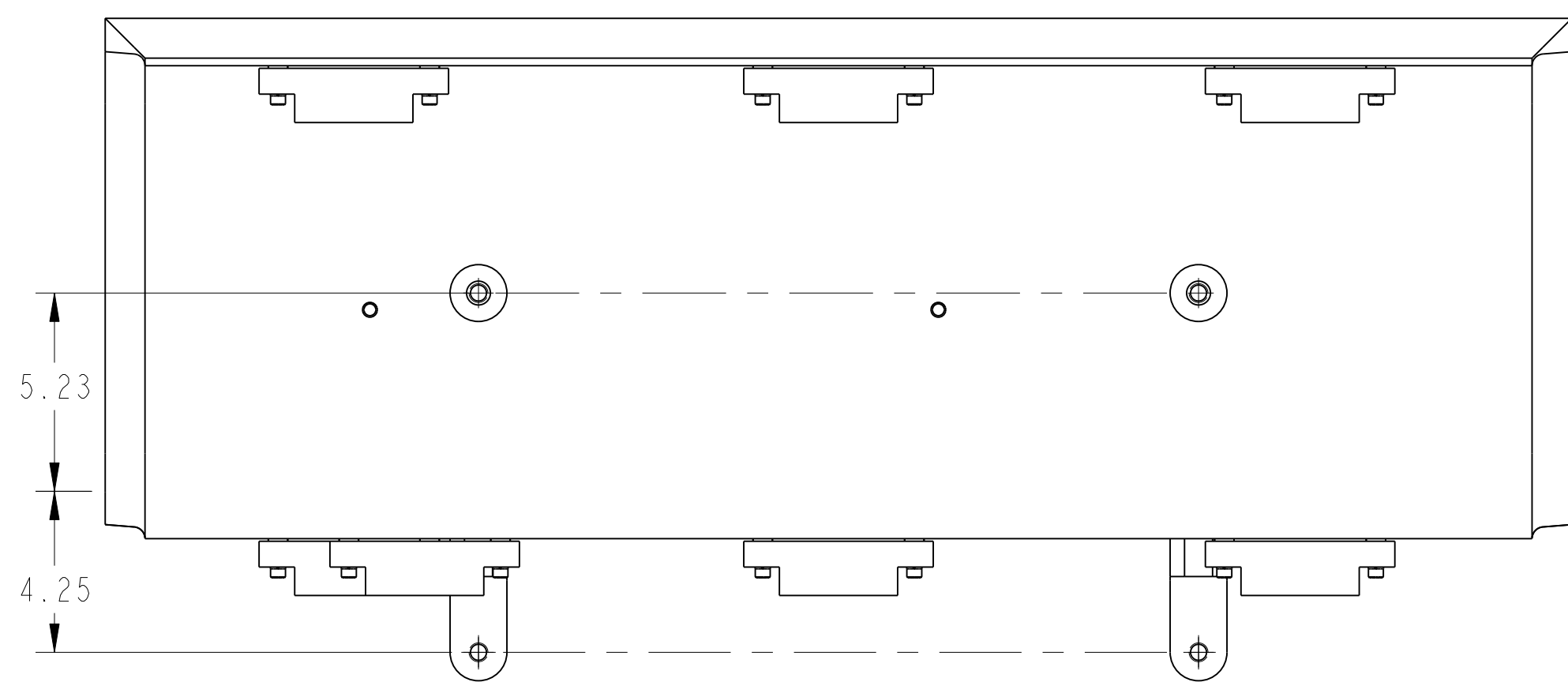


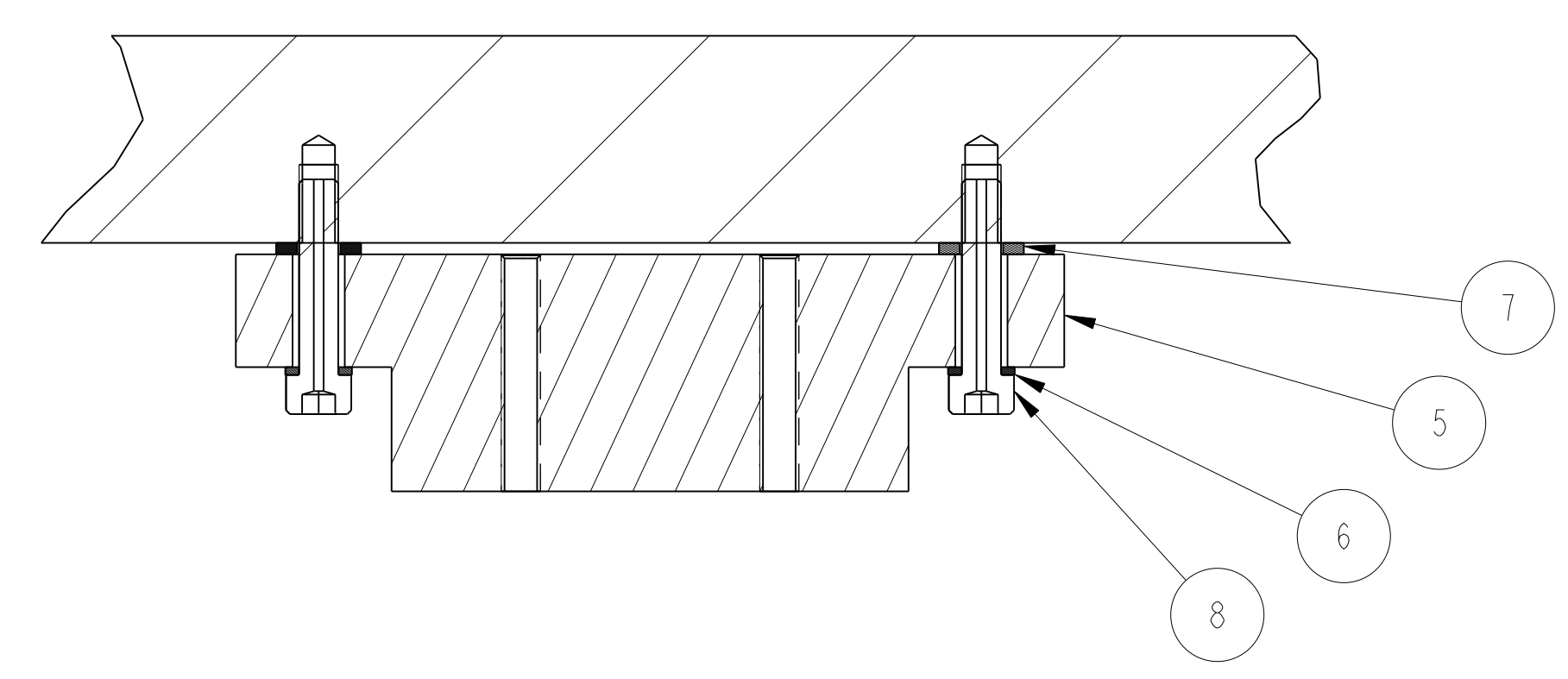
8 7 6 5 4 3 2 1

D



D

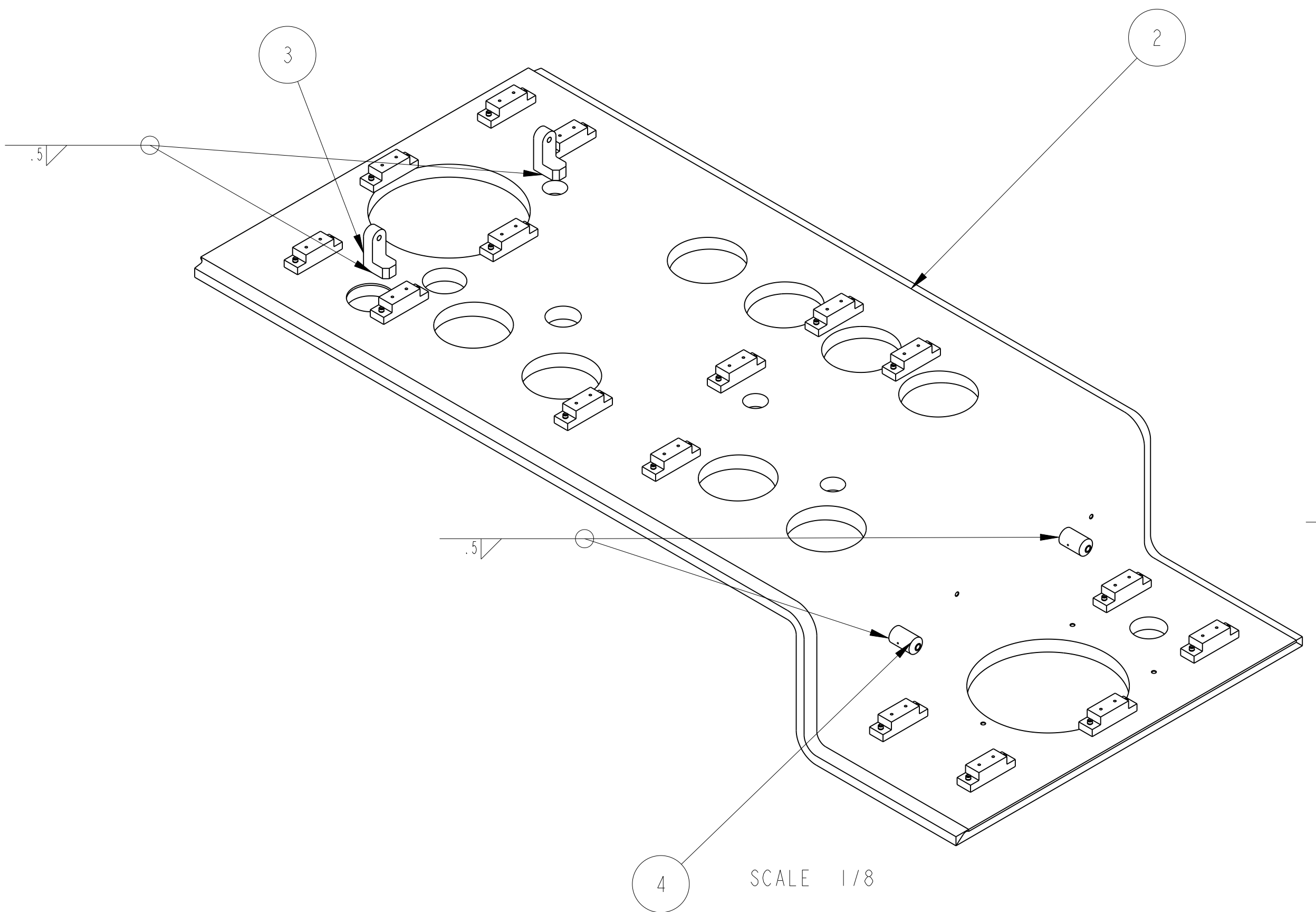
C



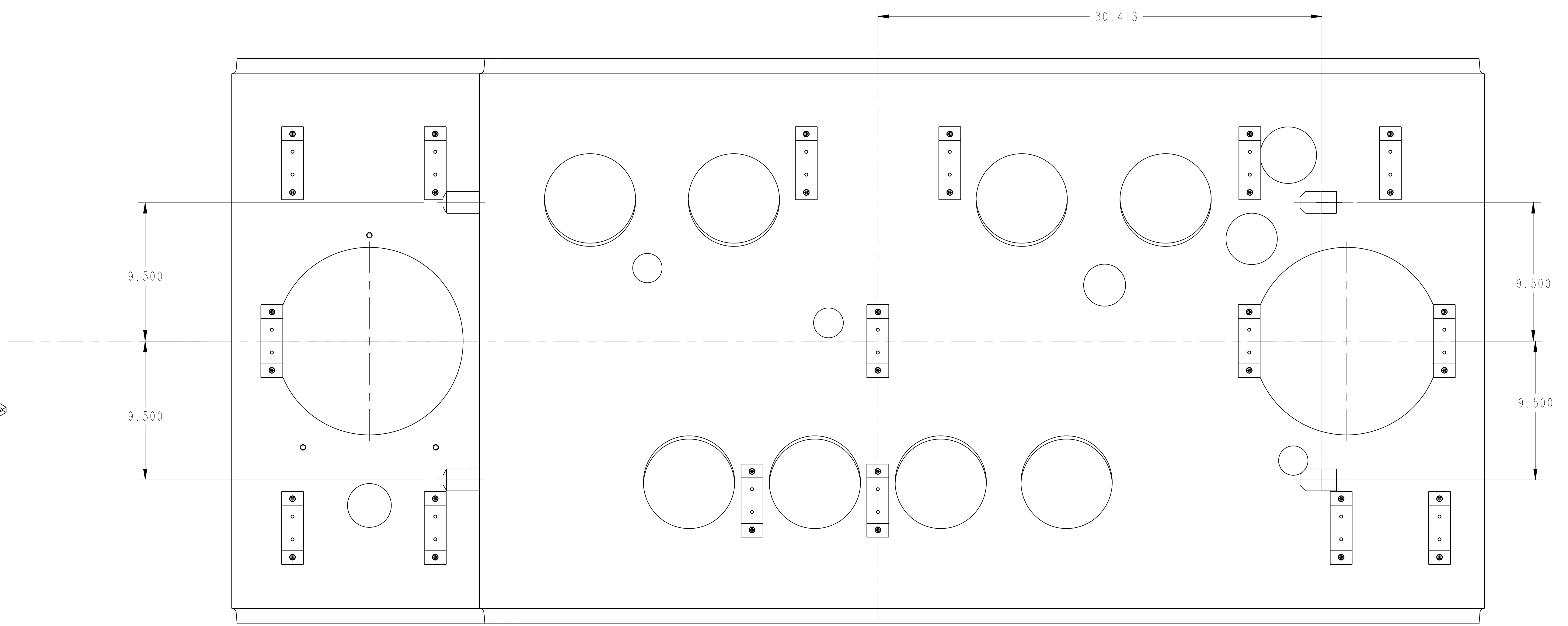
SECTION A-A
SCALE 1/1

C

B



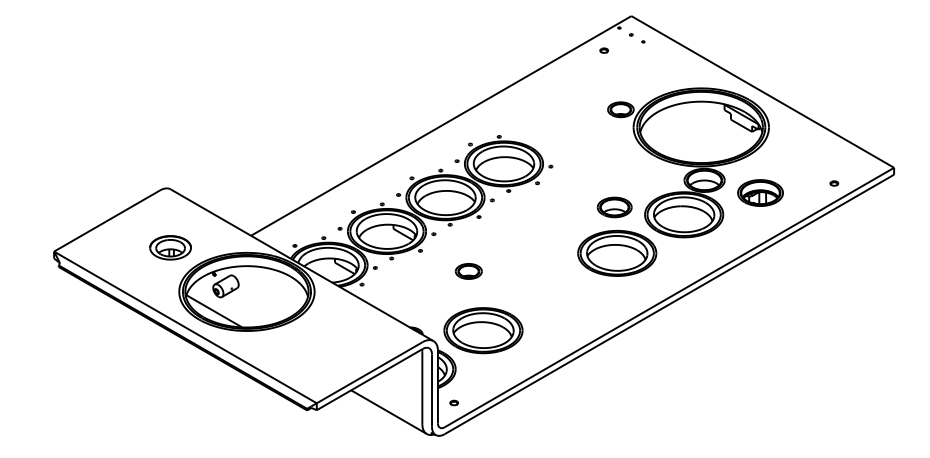
SCALE 1/8



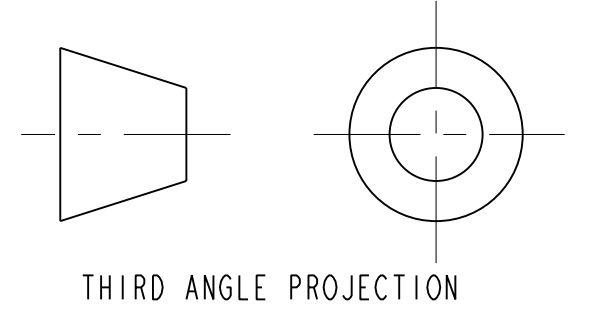
B

A

- NOTES: UNLESS OTHERWISE SPECIFIED,
- DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982 UNITS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 - USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED
 - USE OF RESIN OR RUBBER BONDED ABRASIVES UNDER POWER IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES ONLY.
 - VENDOR WELD PROCEDURE SUBJECT TO LBNL APPROVAL.
 - ESTIMATED WEIGHT = 1,130 LBS



SCALE 1/20



THIRD ANGLE PROJECTION

ITEM	PART NO.	REQD	DESCRIPTION	MATERIAL
8	-	32	SCH, MXXI, 30 LG, VENTED, SILVER PLATED	SS 18-8
7	-	32	WASHER, MG	SS
6	-	32	LOCK WASHER, MG	SS
5	251081	16	SPACER	NEMA 610
4	25M861	2	STRUT BOSS	304L SS
3	25M854	2	STRUT BRACKET	304L SS
2	251145	1	TOP PLATE DFBX A, IPI LEFT	304L SS

UNLESS OTHERWISE SPECIFIED	SHOP ORDERS	DATE	BY
TOLERANCES: X.X ± 0.1 FRACTION ± 1/64	NO. TAG	24-Aug-01	JON ZBASNIK
X.XX ± 0.03 ANGLES ± 1.00°	DATE	04-APR-02	JON ZBASNIK
X.XXX ± 0.010 FINISH 125 μm	REQD	04-APR-02	JON ZBASNIK

REVISION	DATE	DESCRIPTION
A	10/7/02	INITIAL RELEASE

REV	DWG	CHK	DATE	CHANGES
A	JDRDPO		10/7/02	INITIAL RELEASE

ITEM	NO.	DATE	BY
1	1	24-Aug-01	JON ZBASNIK
2	1	04-APR-02	JON ZBASNIK

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA - BERKELEY

VACUUM
TOP PLATE WELDMENT IPI LEFT

SCALE: 1/4
SHEET 1 OF 1

2511466 A 1

8 7 6 5 4 3 2 1