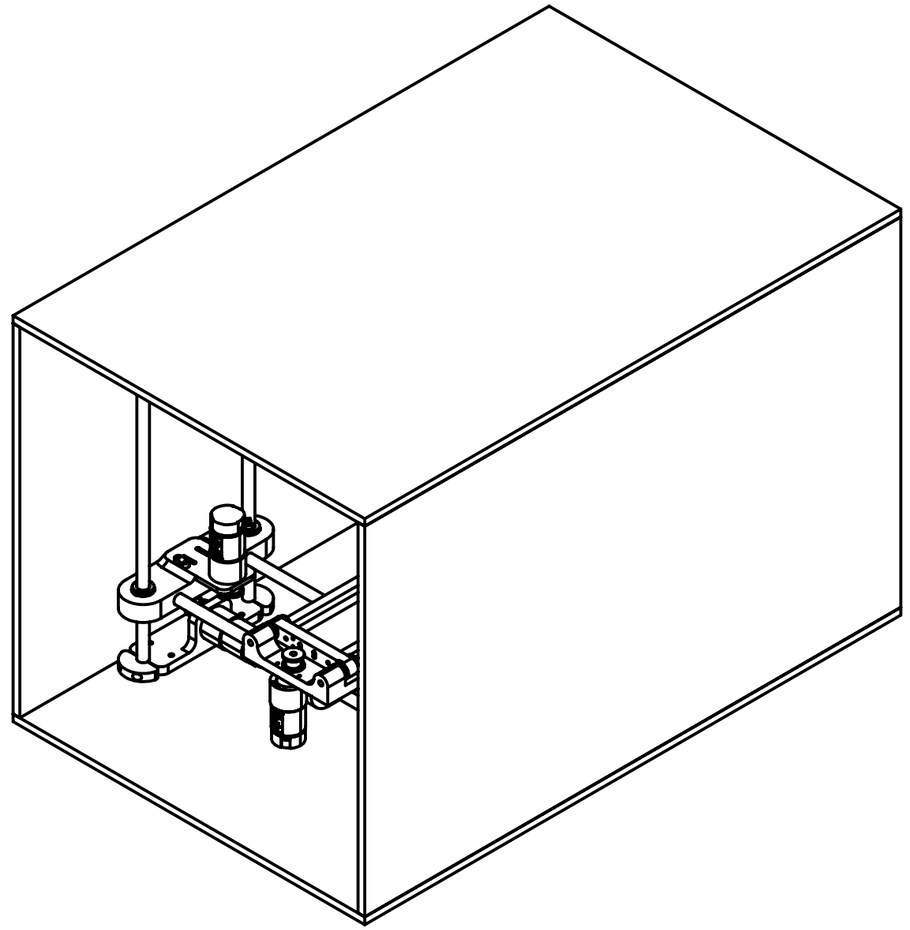
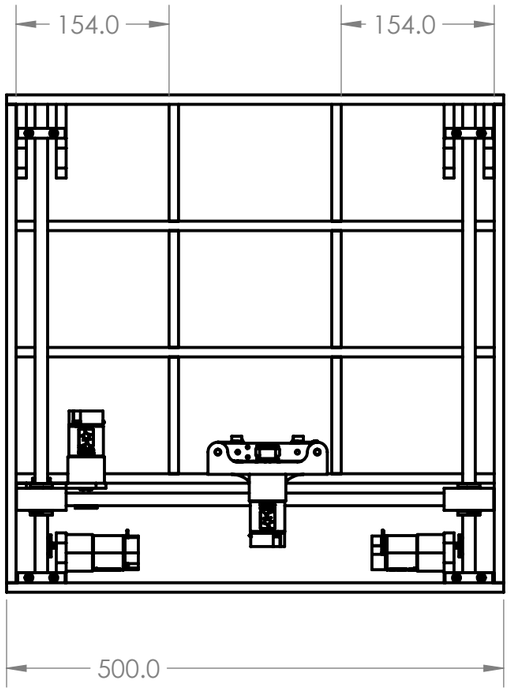
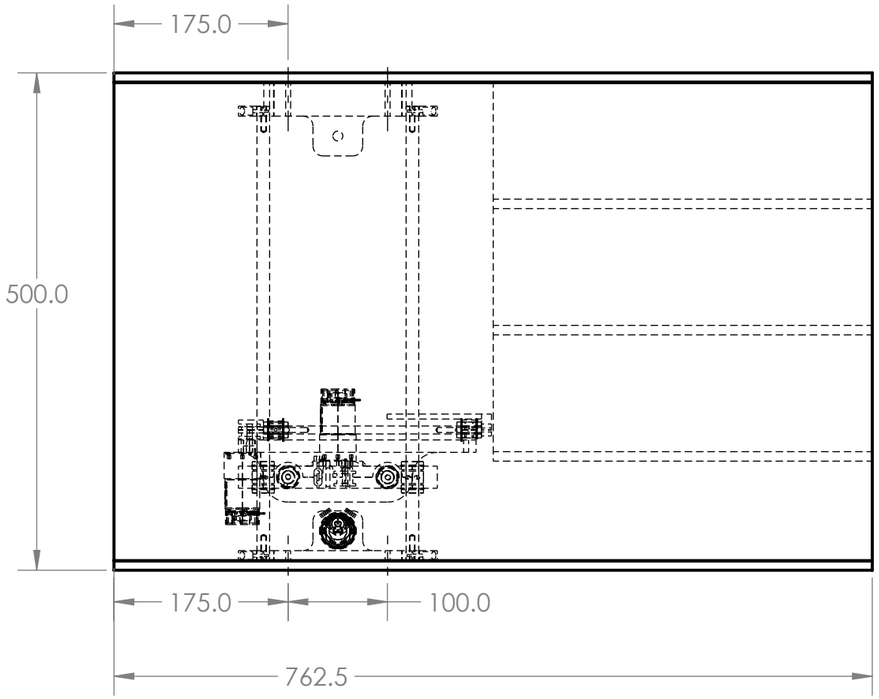
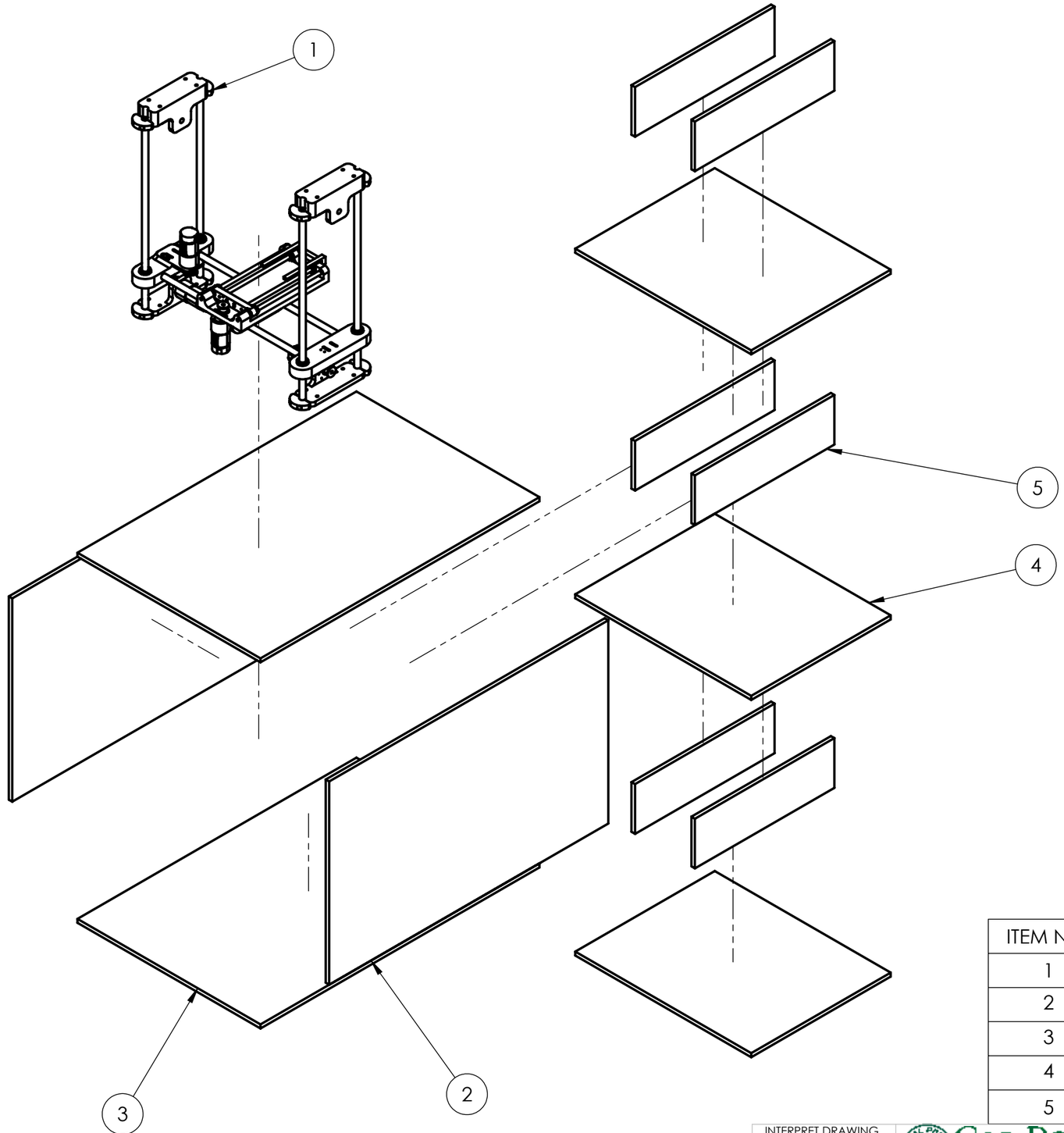






UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL:	PART #: 100000	TITLE: Collection Rover		
		DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 1:6	REV B	SIZE B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	110000	VP Elevator	1
2	120000	Body Wall	2
3	130000	Body Plate	2
4	140000	shelf plate	3
5	150000	shelf wall	6

INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

MATERIAL:

PART #:

TITLE: Collection Rover(Exploded)

DATE: 2/4/2026

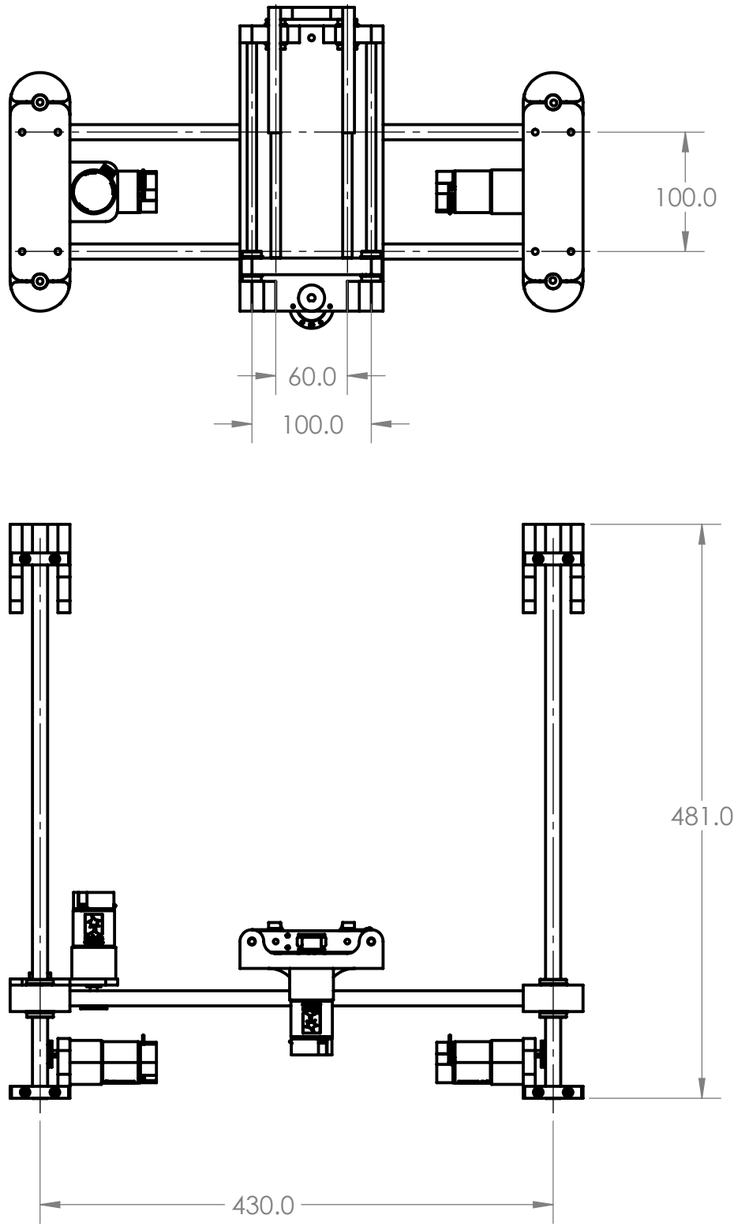
DRAWN BY: Antony Chen

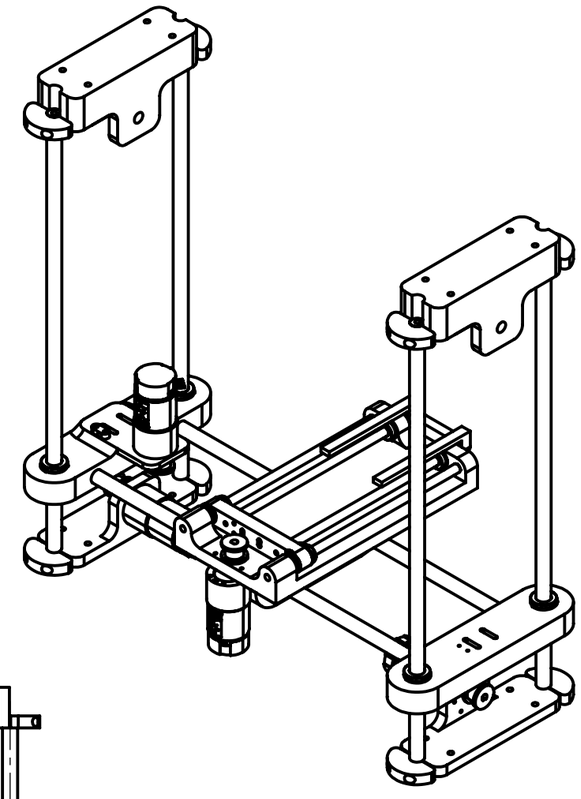
SHEET 1 OF 1

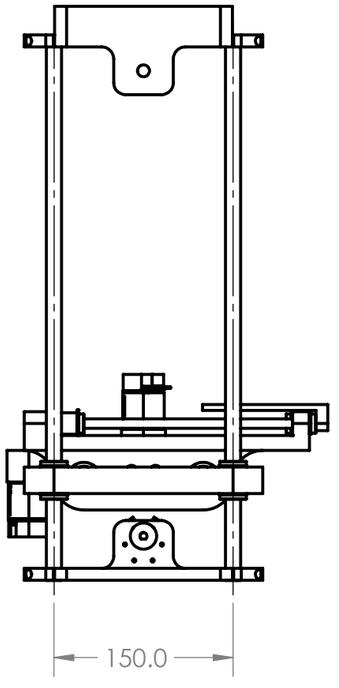
SCALE: 1:9

REV B

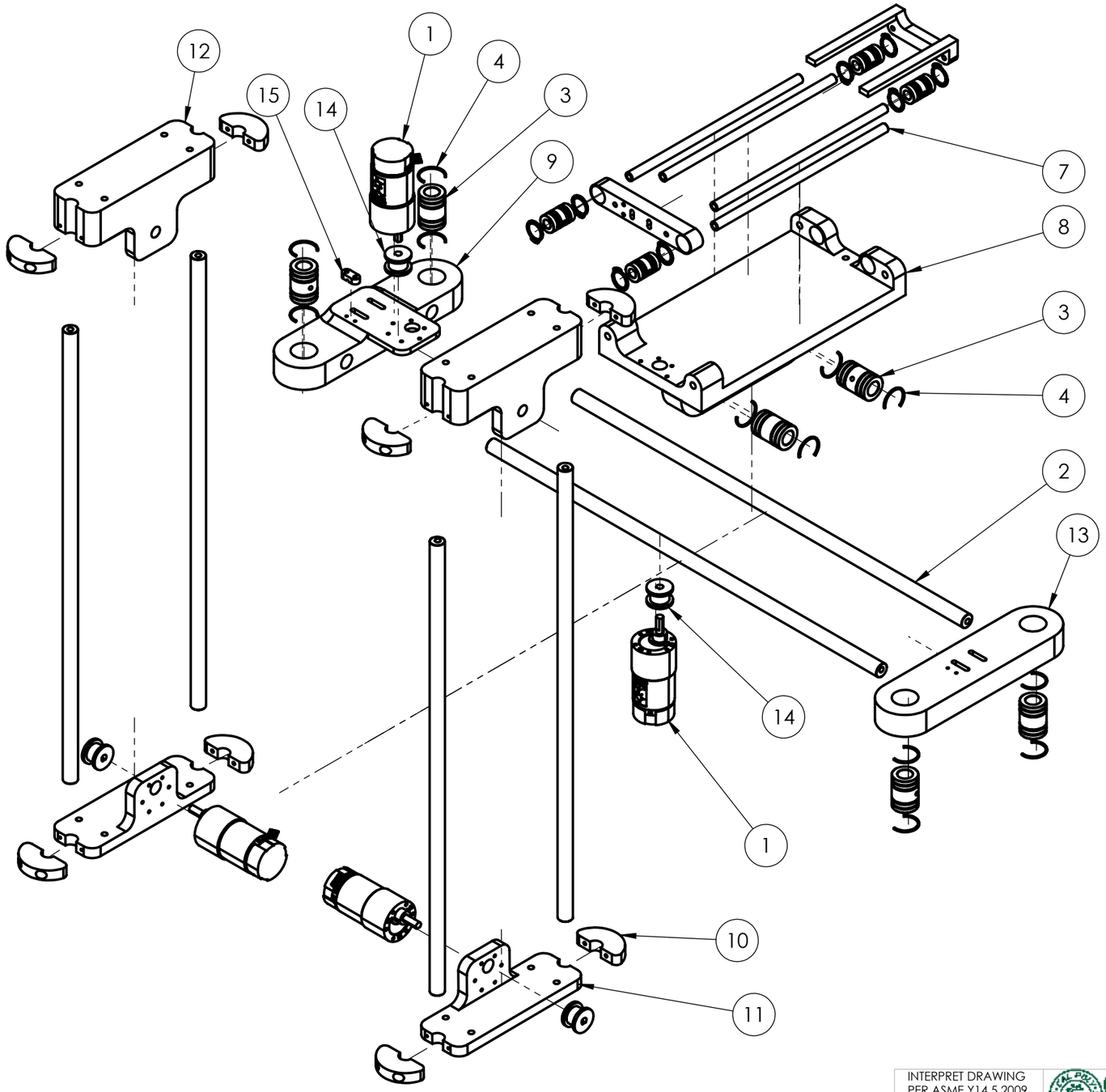
SIZE B







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX 63 FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL:	PART #: 110000	TITLE: VP Elevator	
		DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 1:5	REV B / SIZE B



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	111000	37d-gearmotor-100-131-150-encoder	4
2	112000	6061K43	6
3	113000	6673K13	6
4	114000	9968K24	12
5	115000	6673K37	4
6	116000	9968K32	8
7	117000	6112K44	4
8	118000	Bearing Arm Mount	1
9	119000	Bearing Mount	1
10	11A000	Clamp	8
11	11B000	Rails Bottom Mount	2
12	11C000	Rails Top Mount	2
14	11D000	Spool	4
15	11E000	String Clamp	2
16	11F000	Stage 2nd Telescopic	1
17	11G000	Stage Telescopic Top	1

INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

MATERIAL:

PART #:

TITLE: VP Elevator (Exploded)

DATE: 2/4/2026

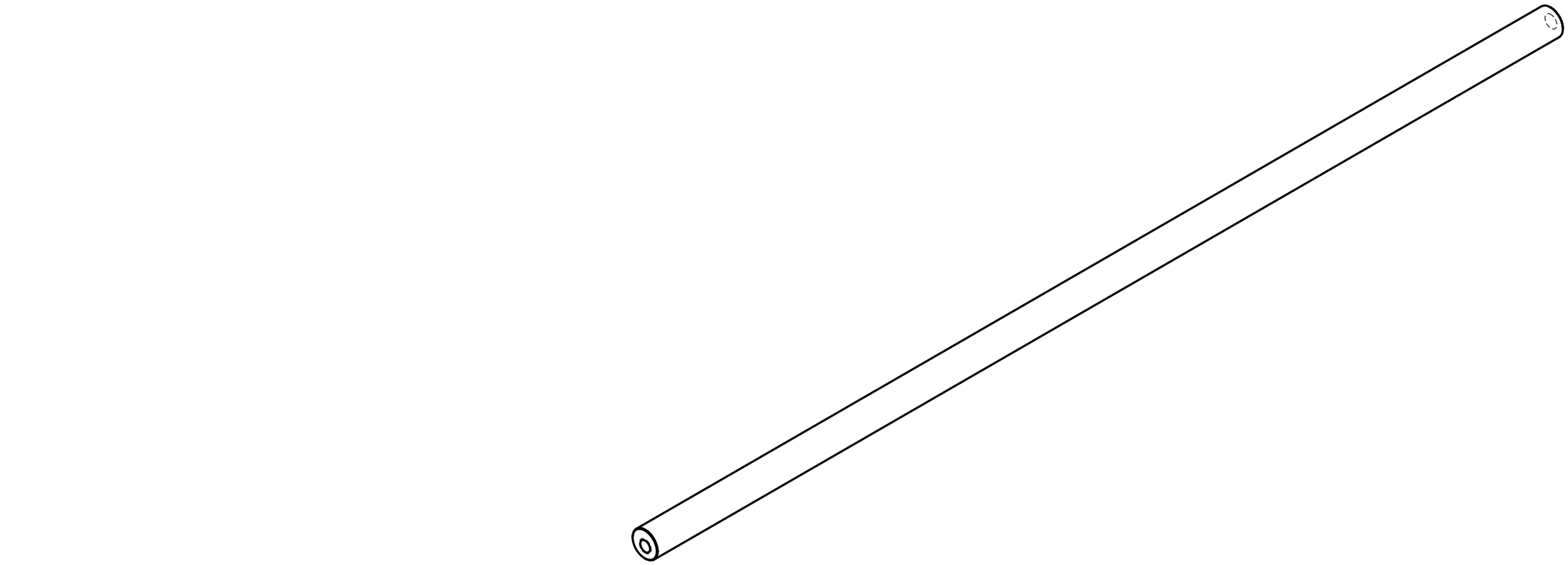
DRAWN BY: Antony Chen

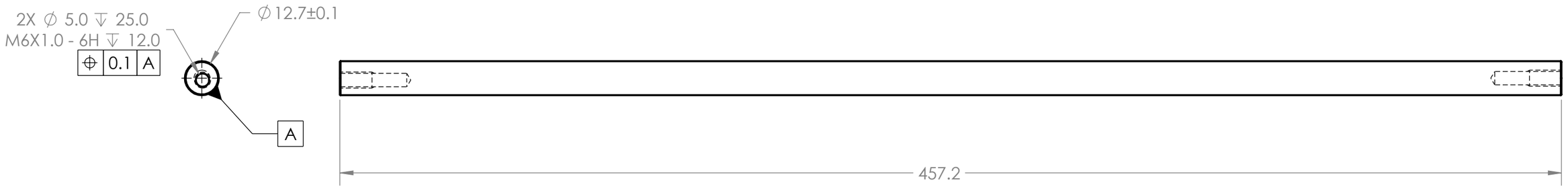
SHEET 1 OF 1

SCALE: 1:4

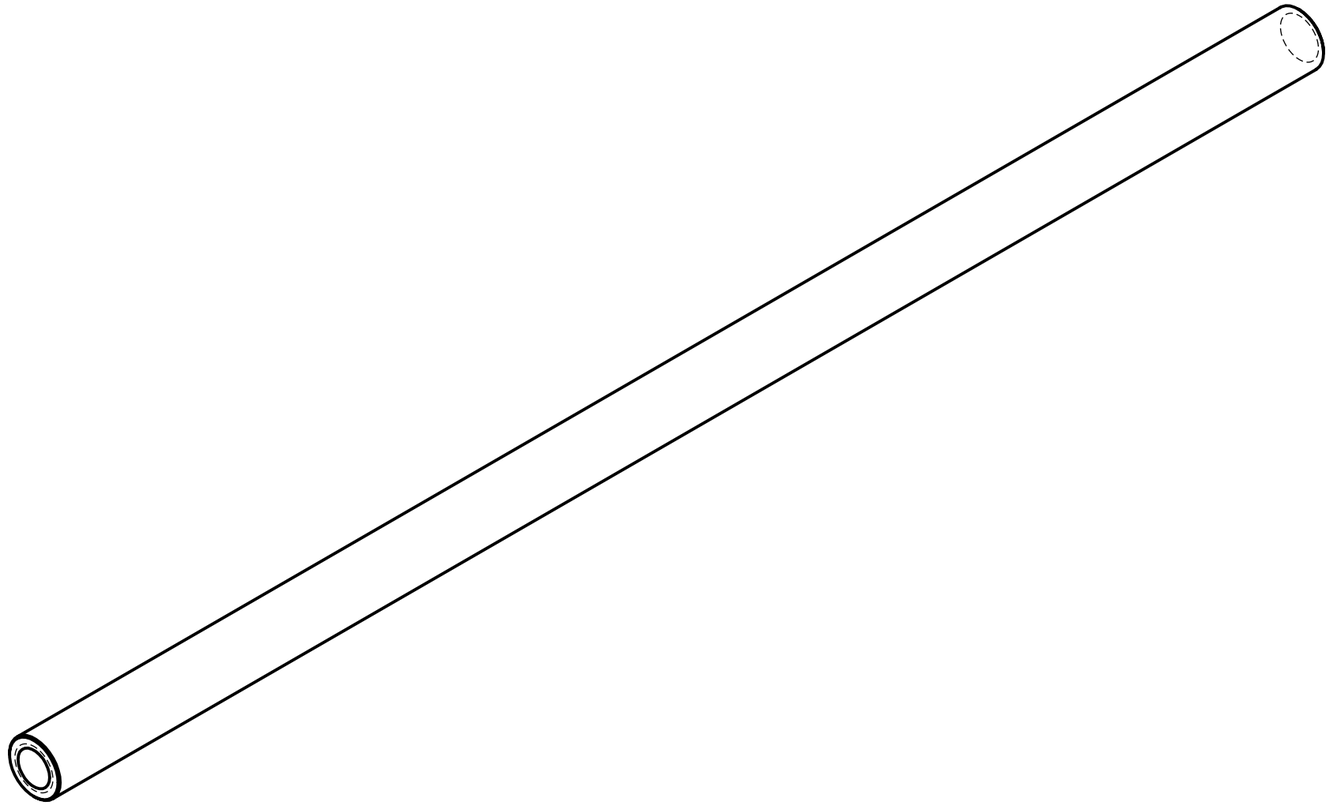
REV B

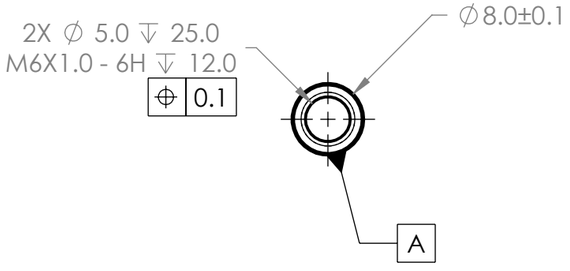
SIZE B





UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX 63 FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL: 1566 Carbon Steel	PART #: 112000	TITLE: 6061K43_Linear Motion Shaft	
			DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 2:3 REV B SIZE B



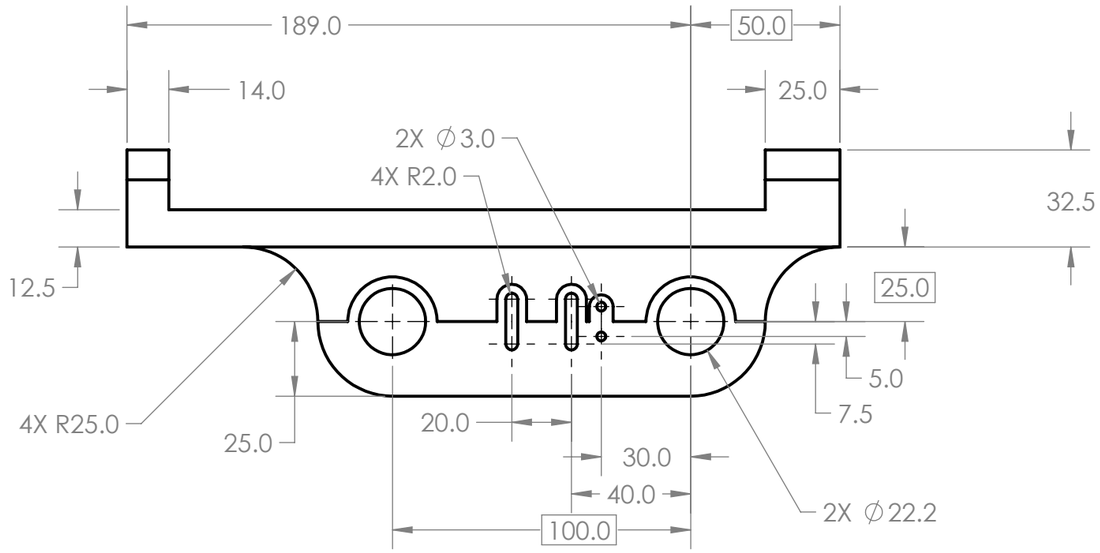


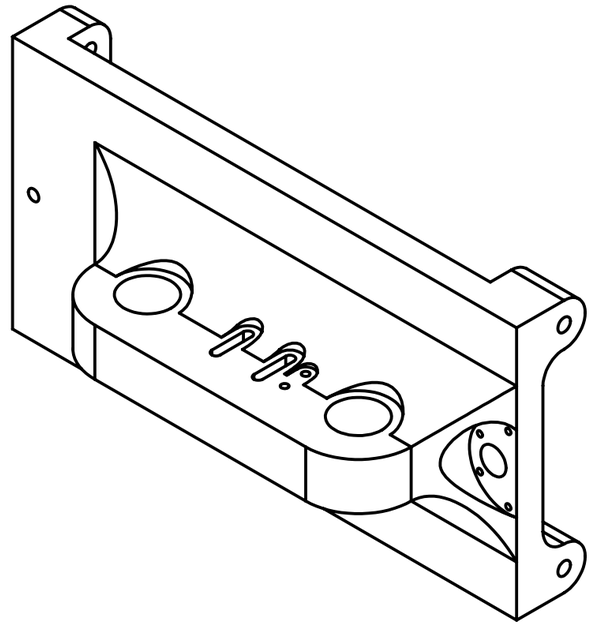
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

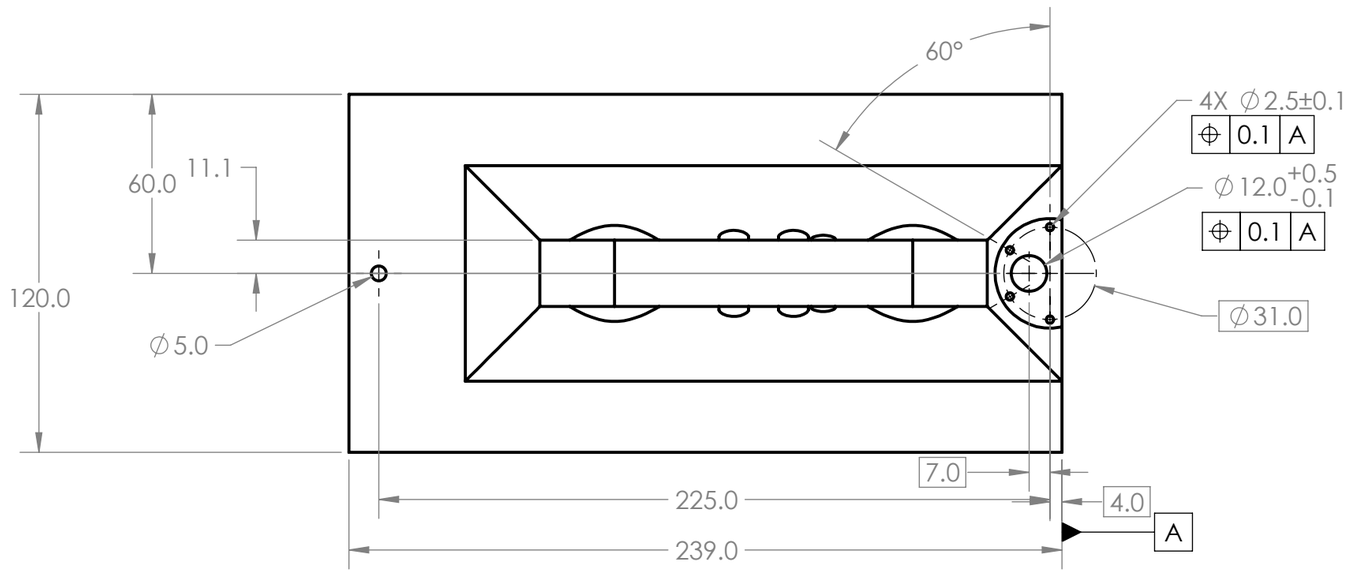
INTERPRET DRAWING PER ASME Y14.5 2009

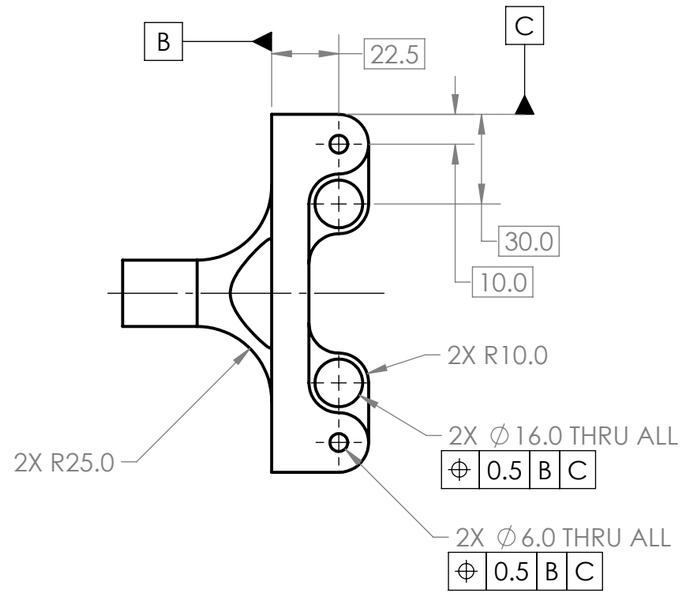
CAL POLY SAN LUIS OBISPO

MATERIAL: 1566 Carbon Steel	PART #: 117000	TITLE: 6112K44_Linear Motion Shaft			
DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 3:2	REV B	SIZE B

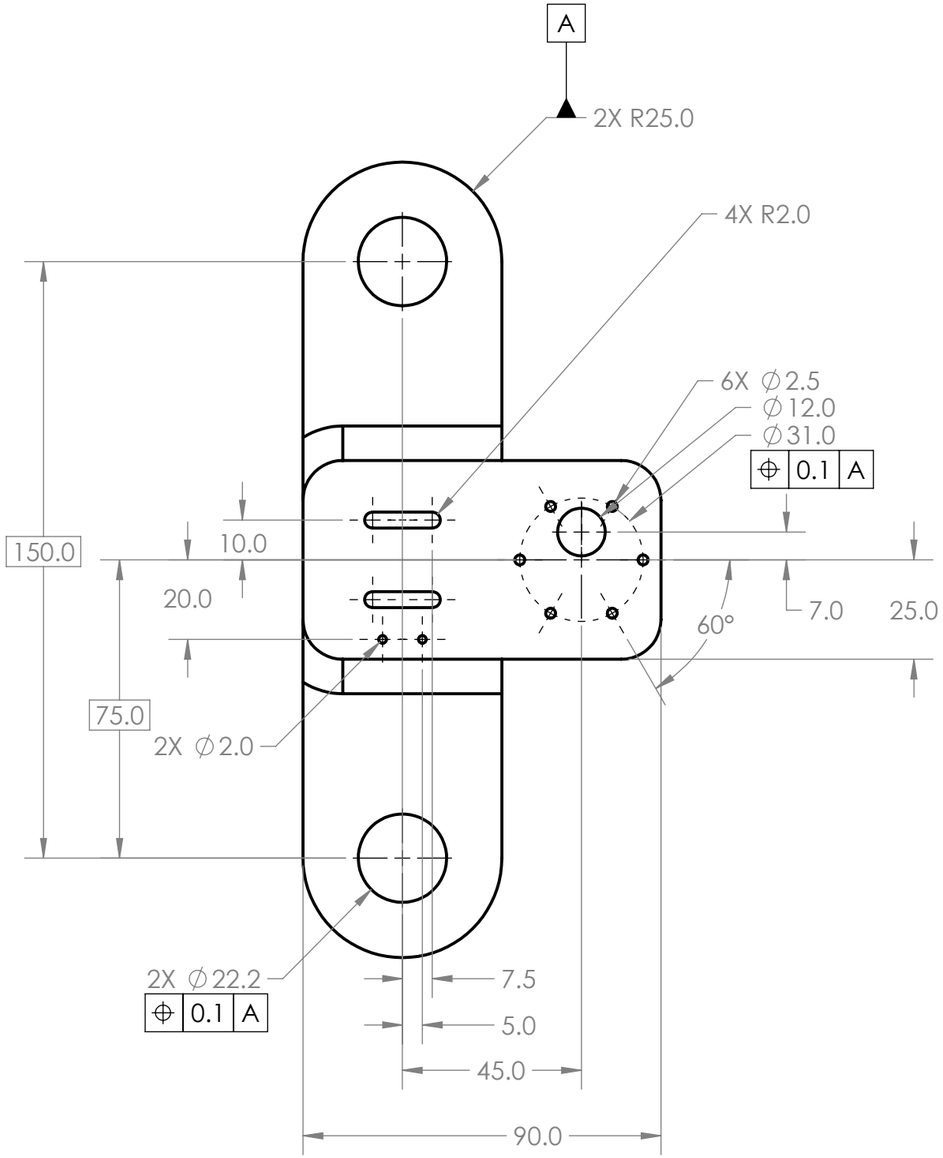


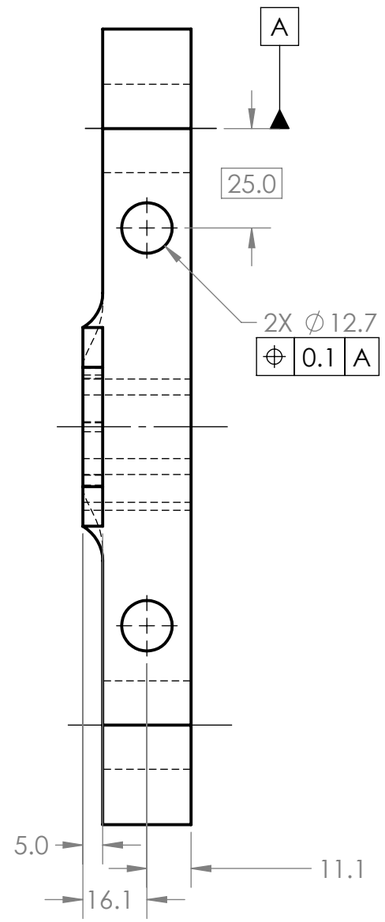


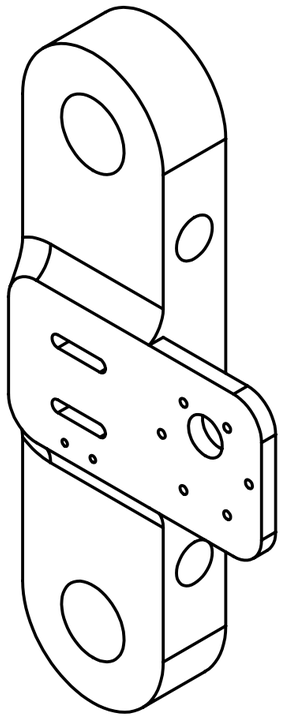




UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX 63 FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL: PolyLite™ PLA Pro	PART #: 118000	TITLE: Bearing Arm Mount		
		DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 1:2	REV B	SIZE B





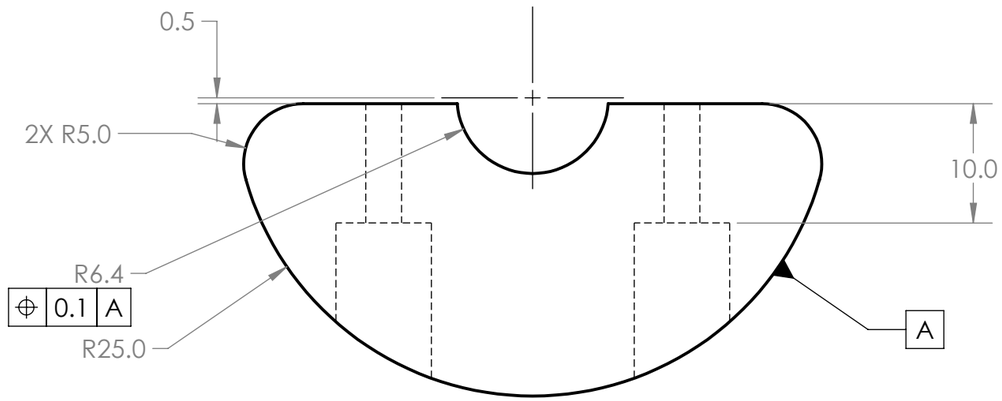


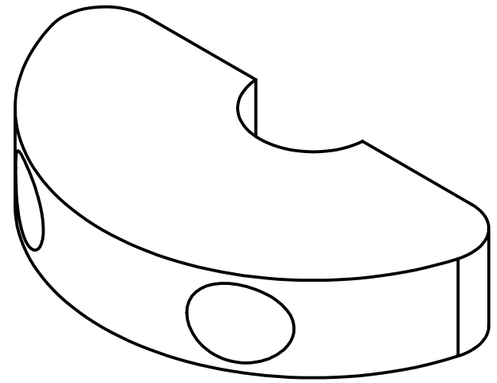
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

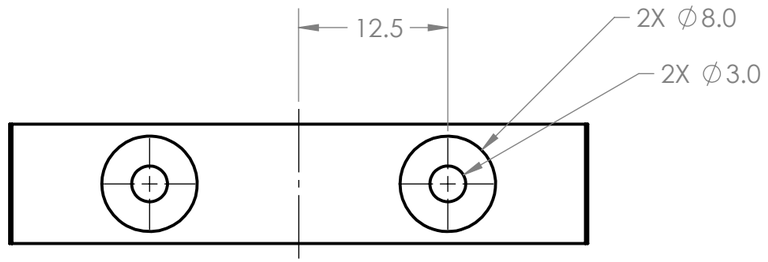
INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

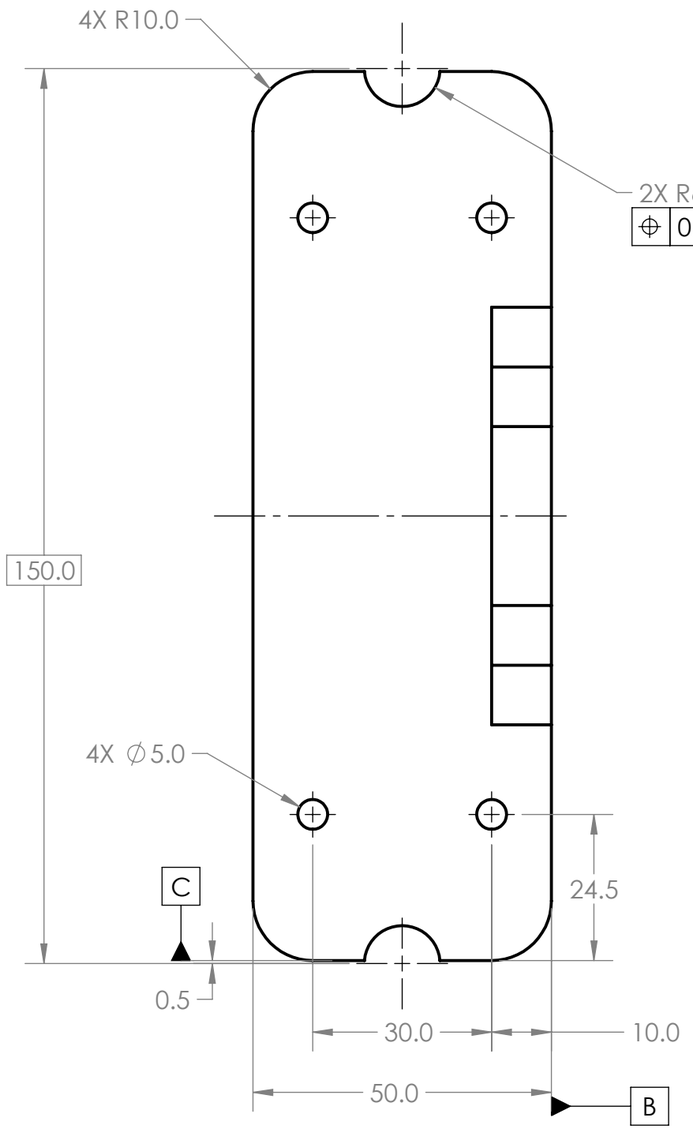
MATERIAL: PolyLite™ PLA Pro	PART #: 119000	TITLE: Bearing Mount			
DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 2:3	REV B	SIZE B

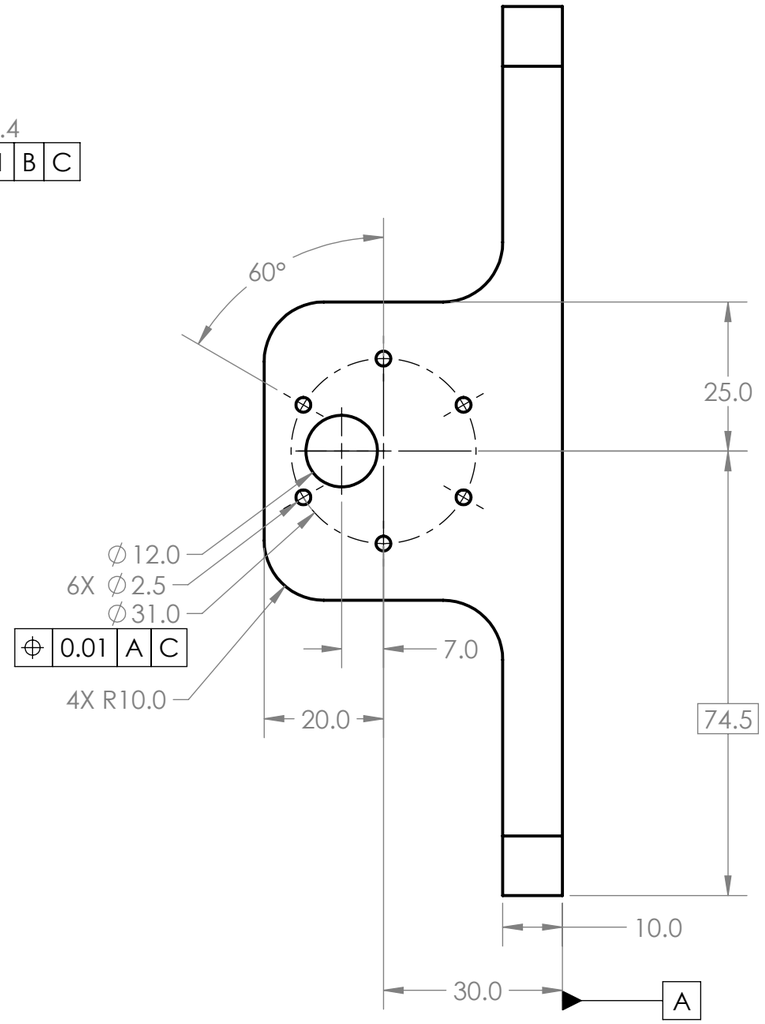


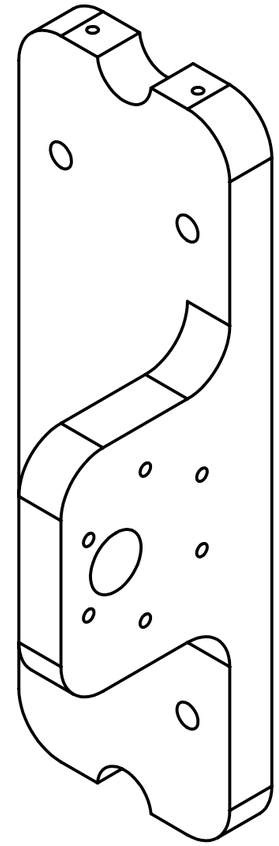




UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL: PolyLite™ PLA Pro	PART #: 11A000	TITLE: Clamp		
		DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 2:1	REV B	SIZE B





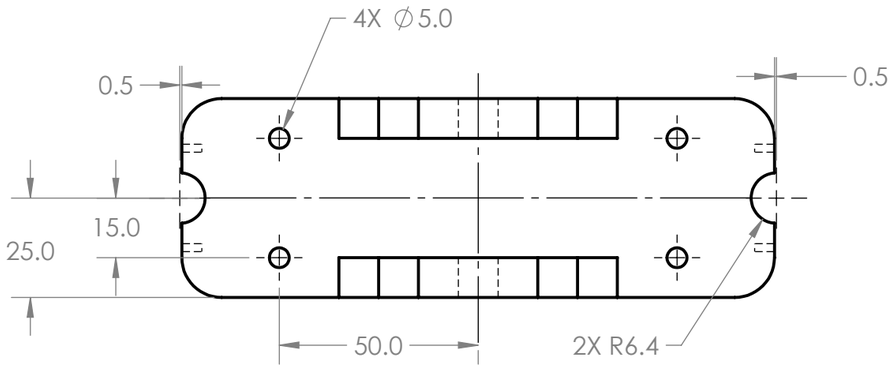


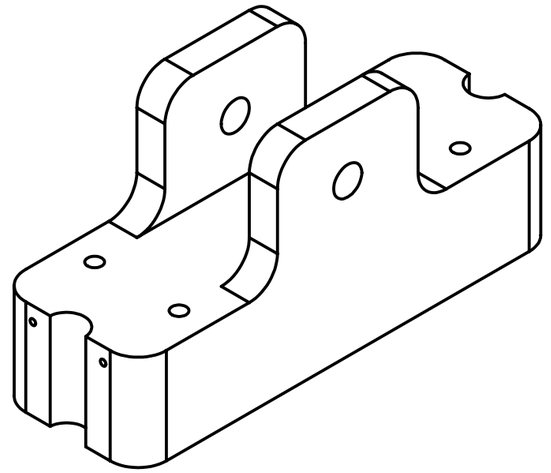
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
FAO

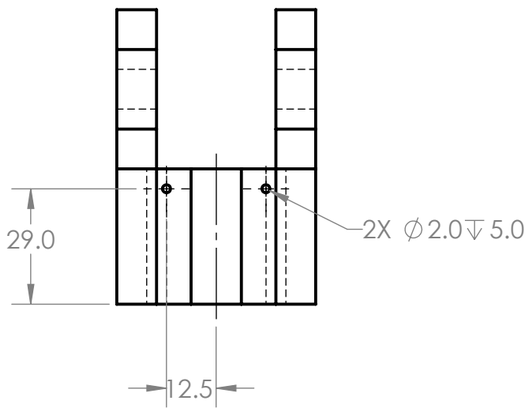
INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

MATERIAL: PolyLite™ PLA Pro	PART #: 11B000	TITLE: Rails Bottom Mount			
DATE: 2/4/2026	DRAWN BY: Antony Chen		SHEET 1 OF 1	SCALE: 1:1	REV B / SIZE B





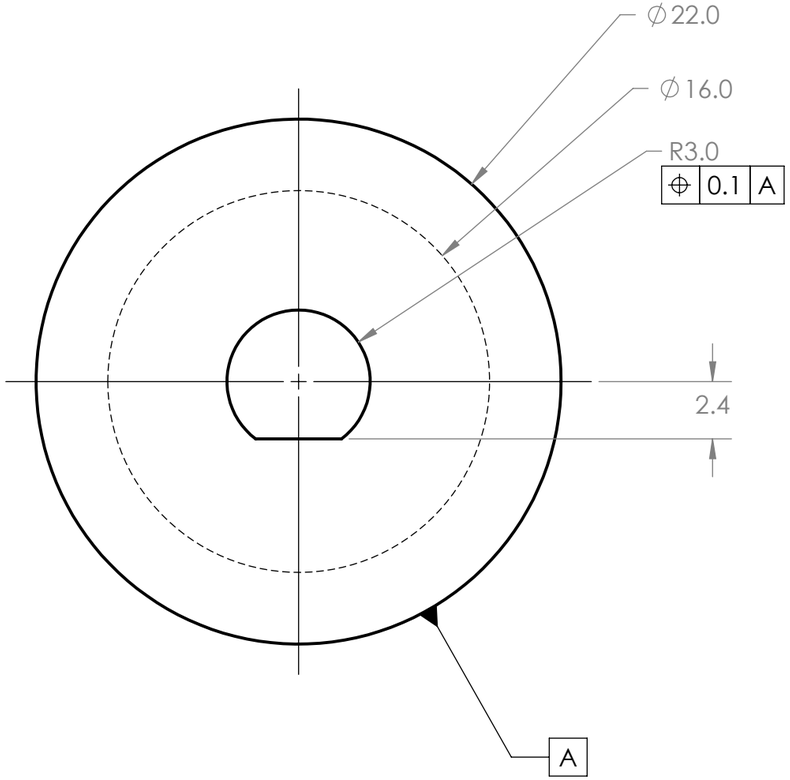


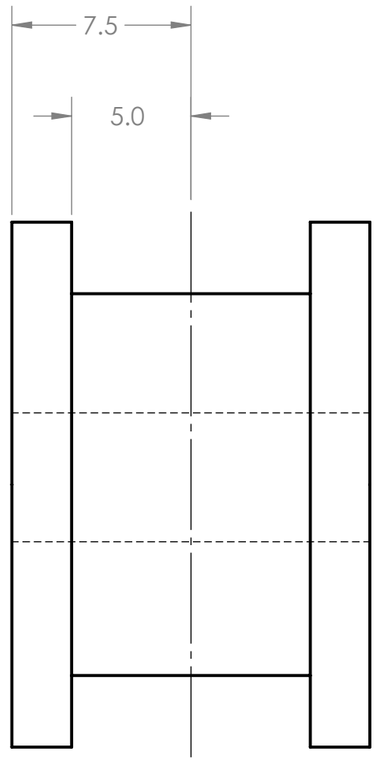
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

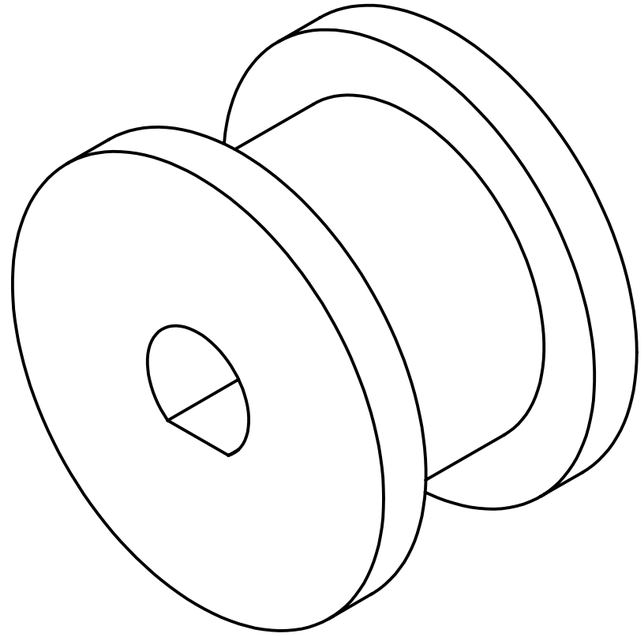
INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

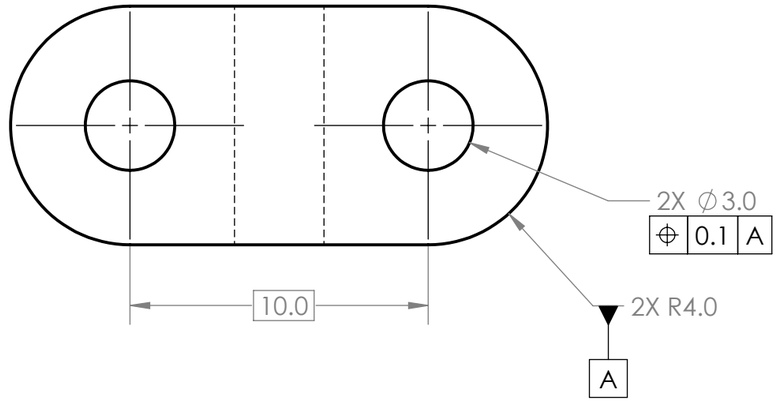
MATERIAL: PolyLite™ PLA Pro	PART #: 11C000	TITLE: Rails Top Mount			
DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 2:3	REV B	SIZE B

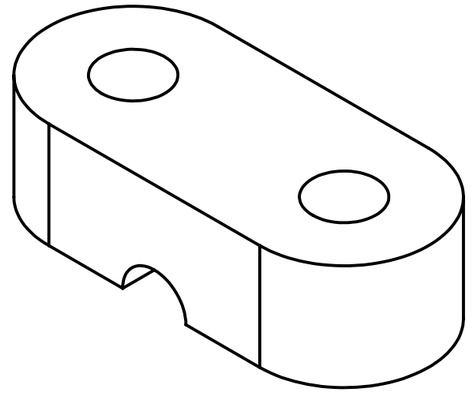


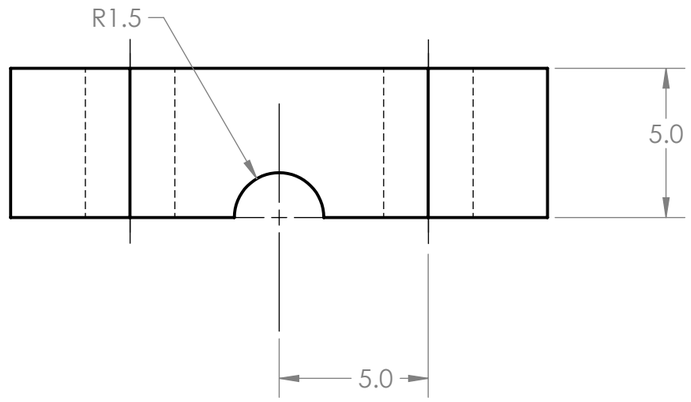




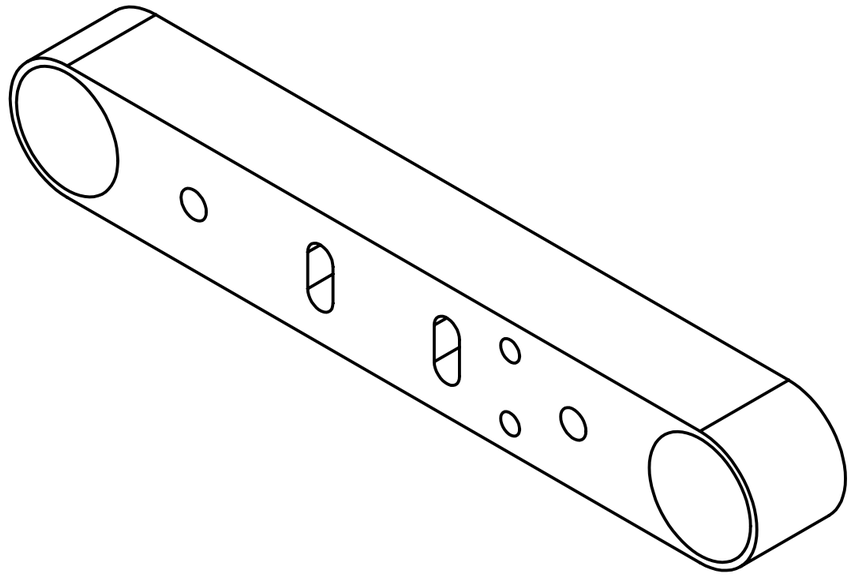
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL: PolyLite™ PLA Pro	PART #: 11D000	TITLE: Spool		
		DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 4:1	REV B	SIZE B

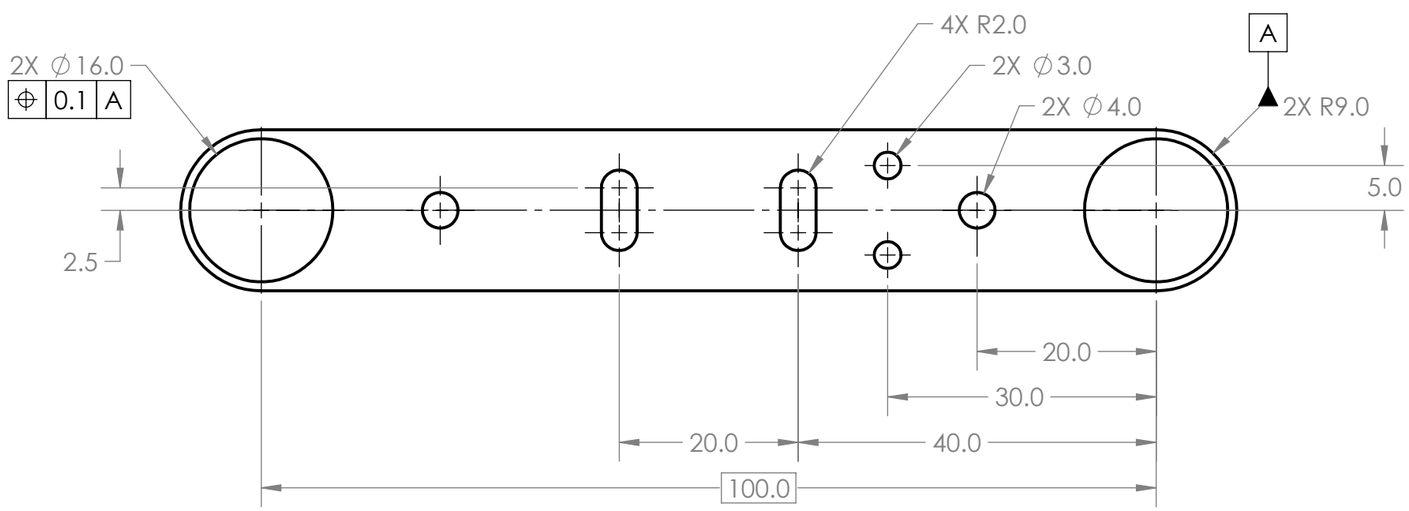






UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX 63 FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL: PolyLite™ PLA Pro	PART #: 11E000	TITLE: String Clamp		
		DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 5:1	REV B	SIZE B



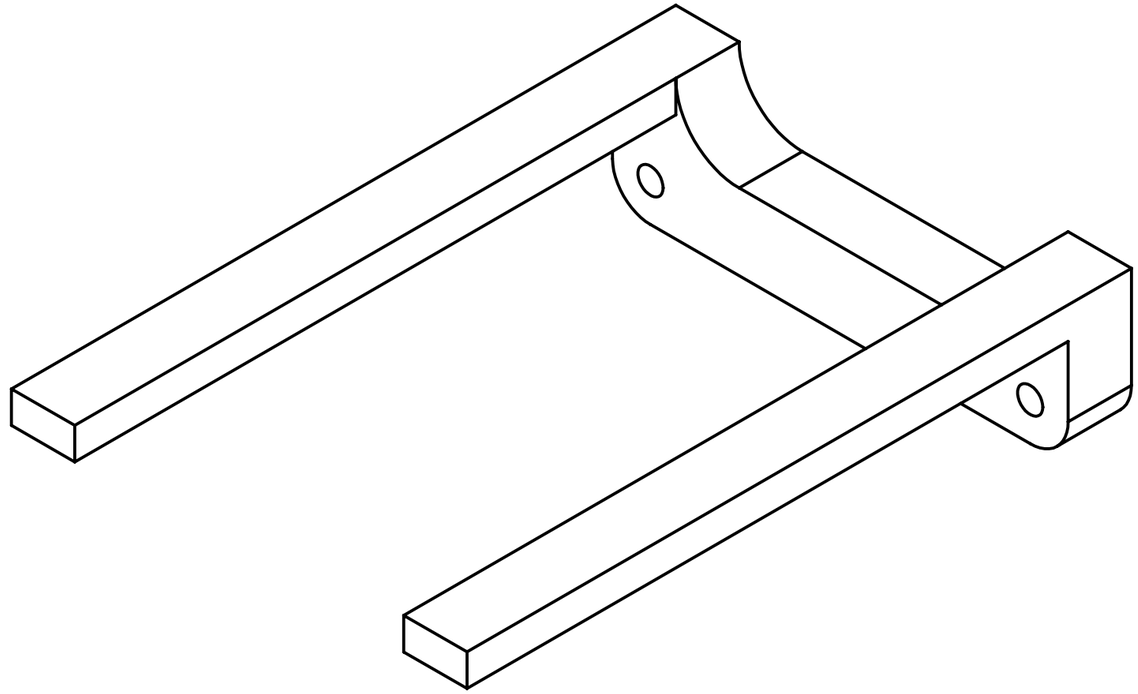


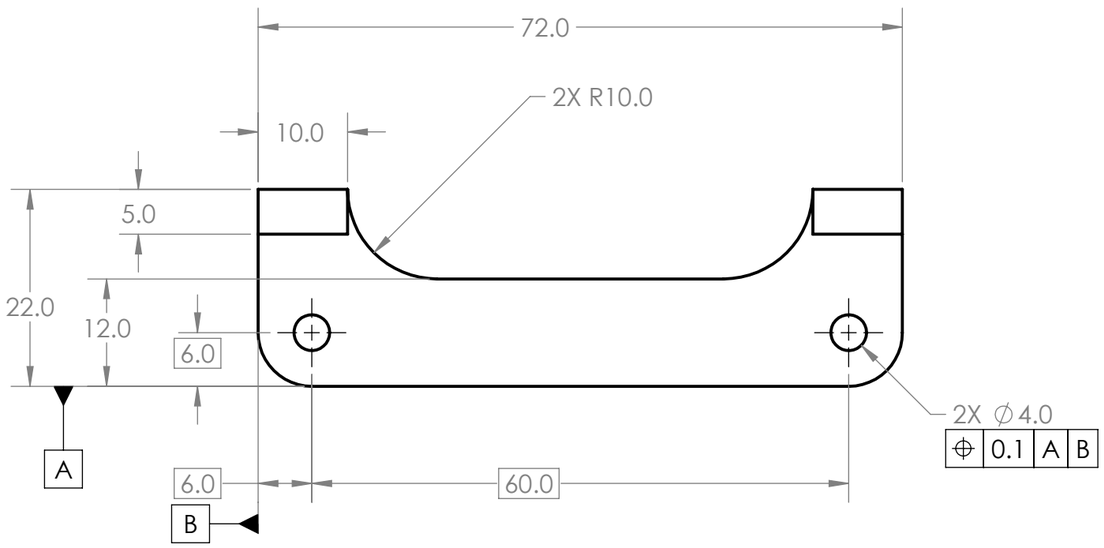
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

MATERIAL: PolyLite™ PLA Pro	PART #: 11F000	TITLE: Stage 2nd Telescopic				
DATE: 2/4/2026	DRAWN BY: Antony Chen		SHEET 1 OF 1	SCALE: 3:2	REV B	SIZE B



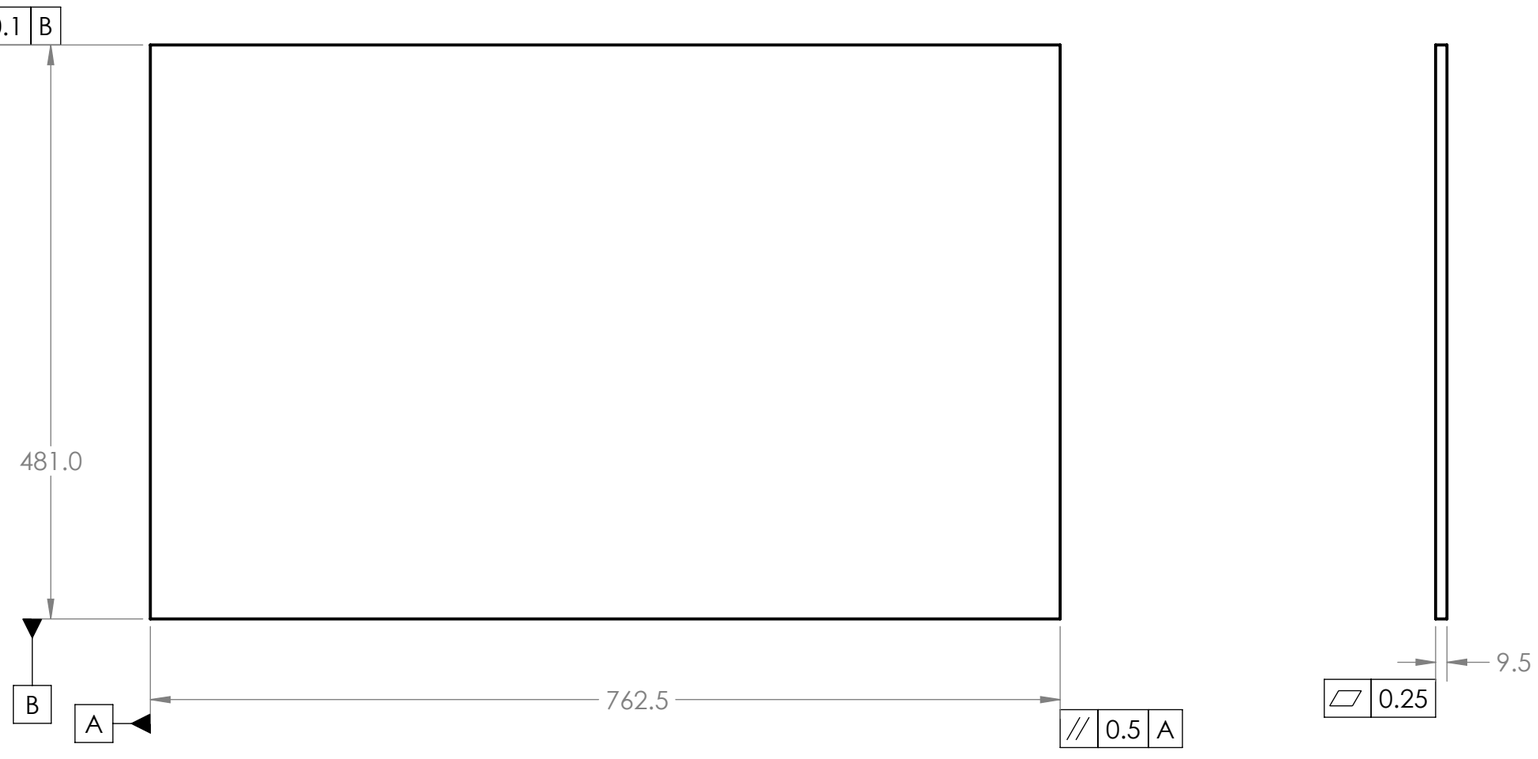


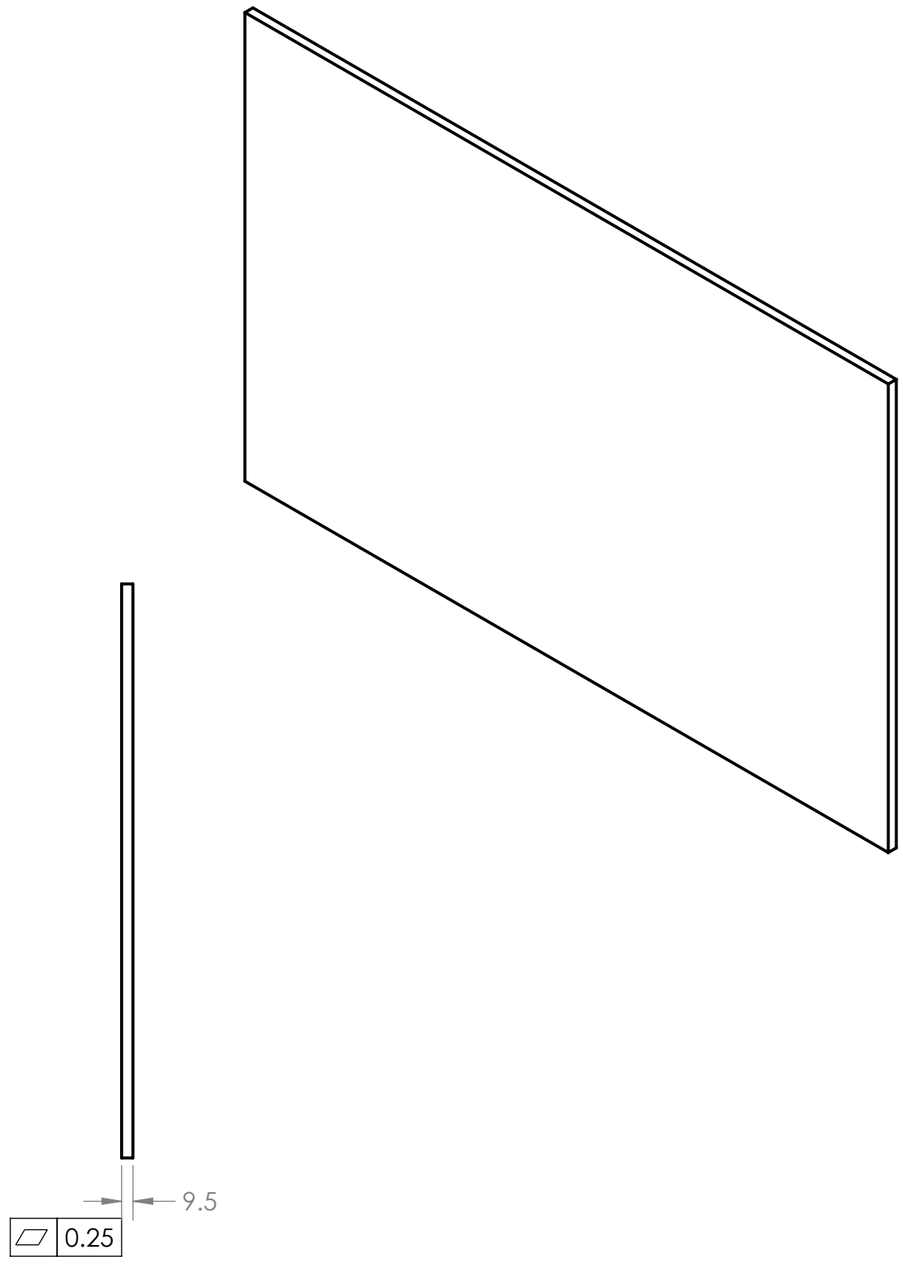
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

MATERIAL: PolyLite™ PLA Pro	PART #: 11G000	TITLE: Stage Telescopic Top			
DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 3:2	REV B	SIZE B



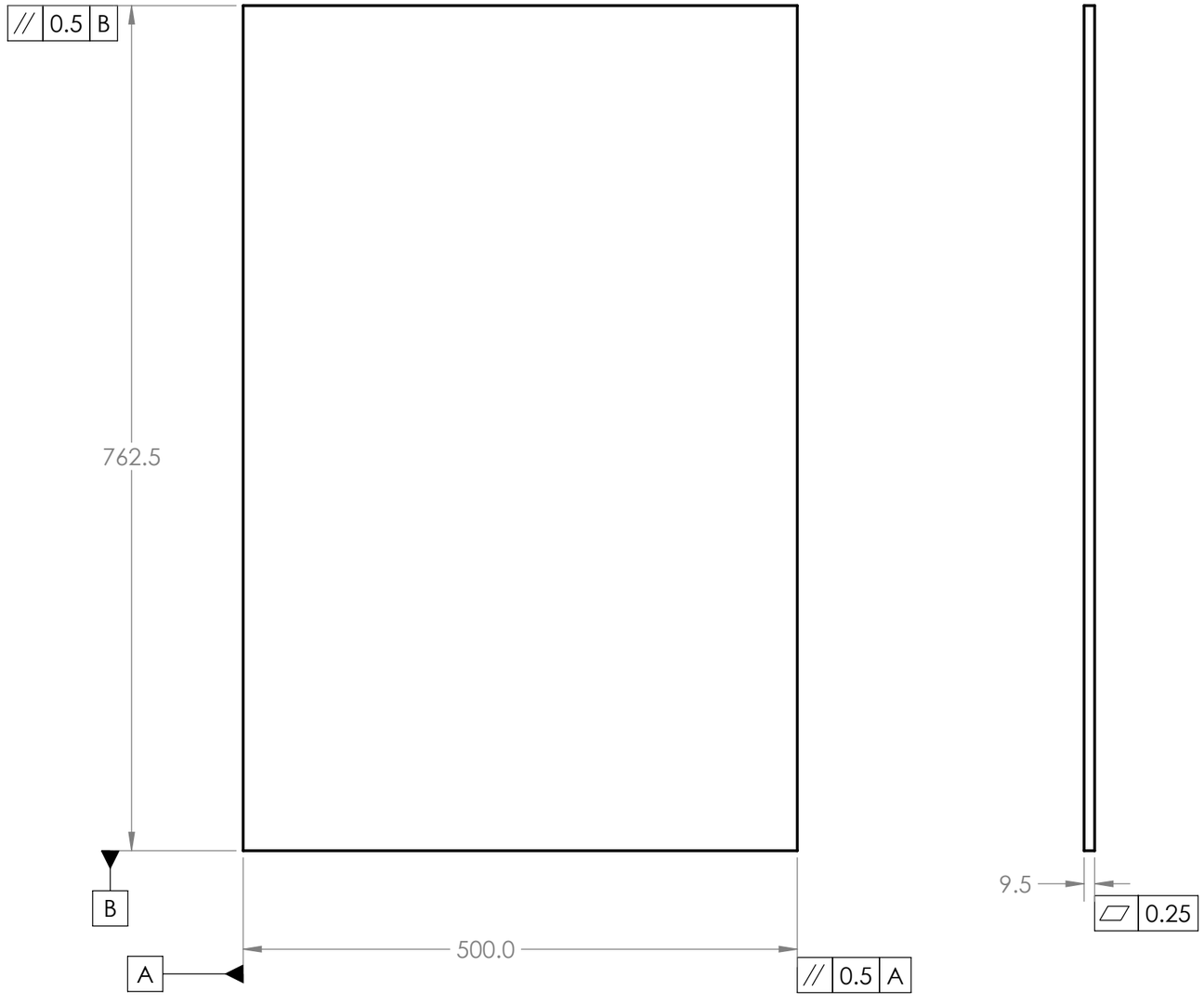


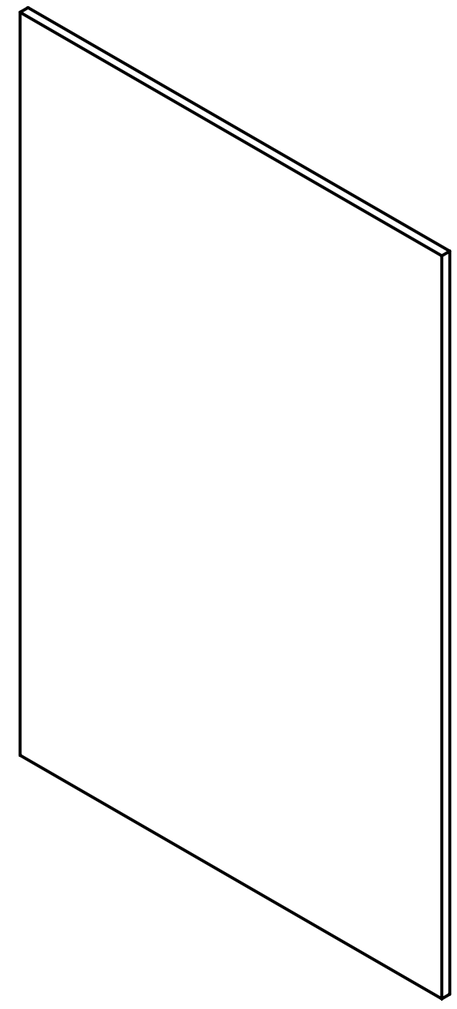
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

MATERIAL: Plywood	PART #: 120000	TITLE: Body Wall			
DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 1:5	REV B	SIZE B



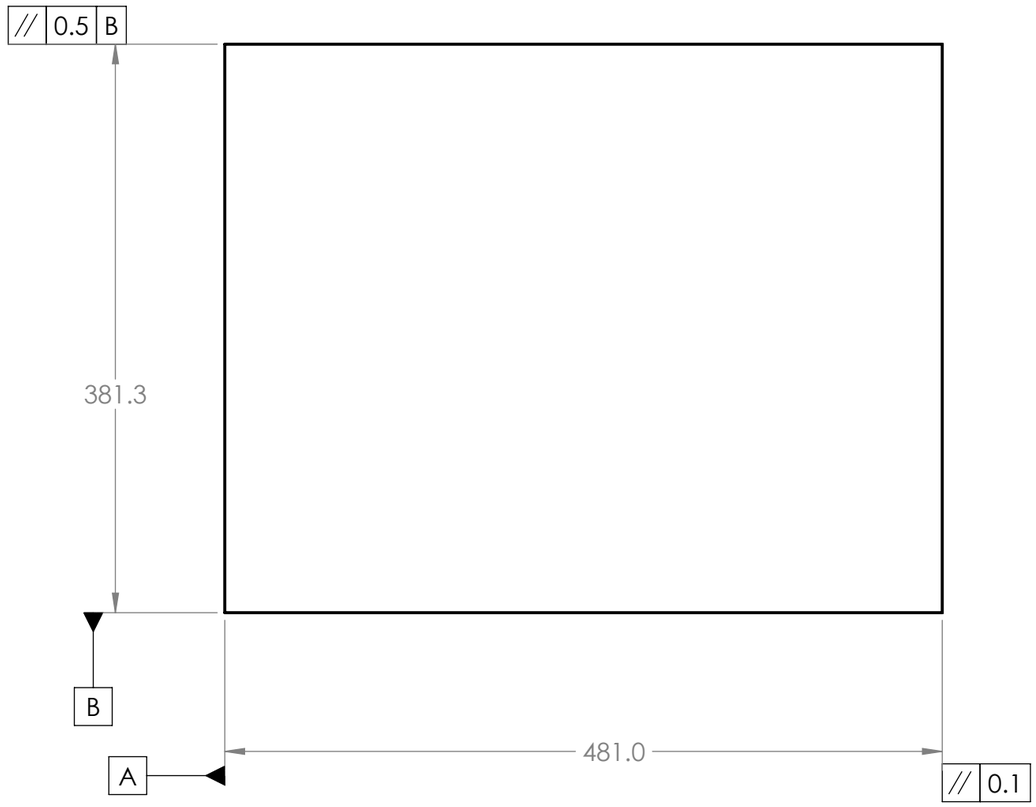


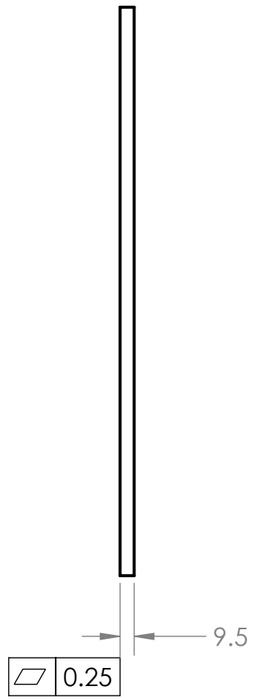
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

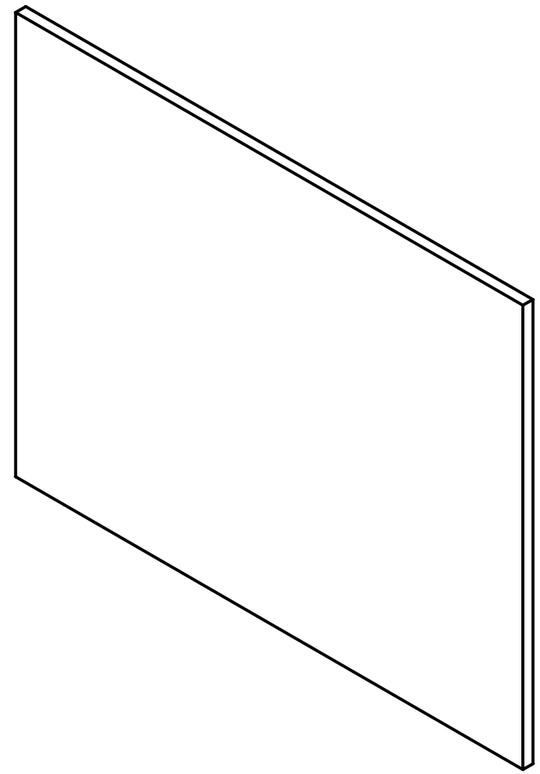
INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

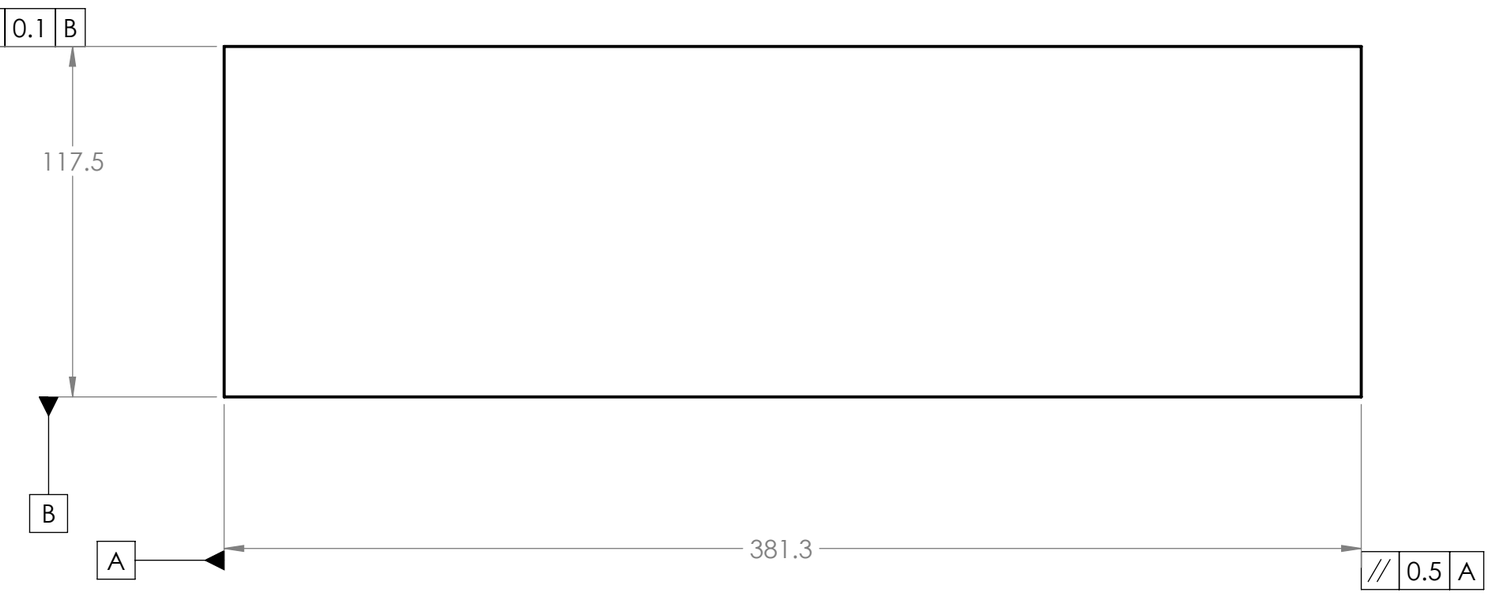
MATERIAL: Plywood	PART #: 130000	TITLE: Body Plate			
DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 1:5	REV B	SIZE B

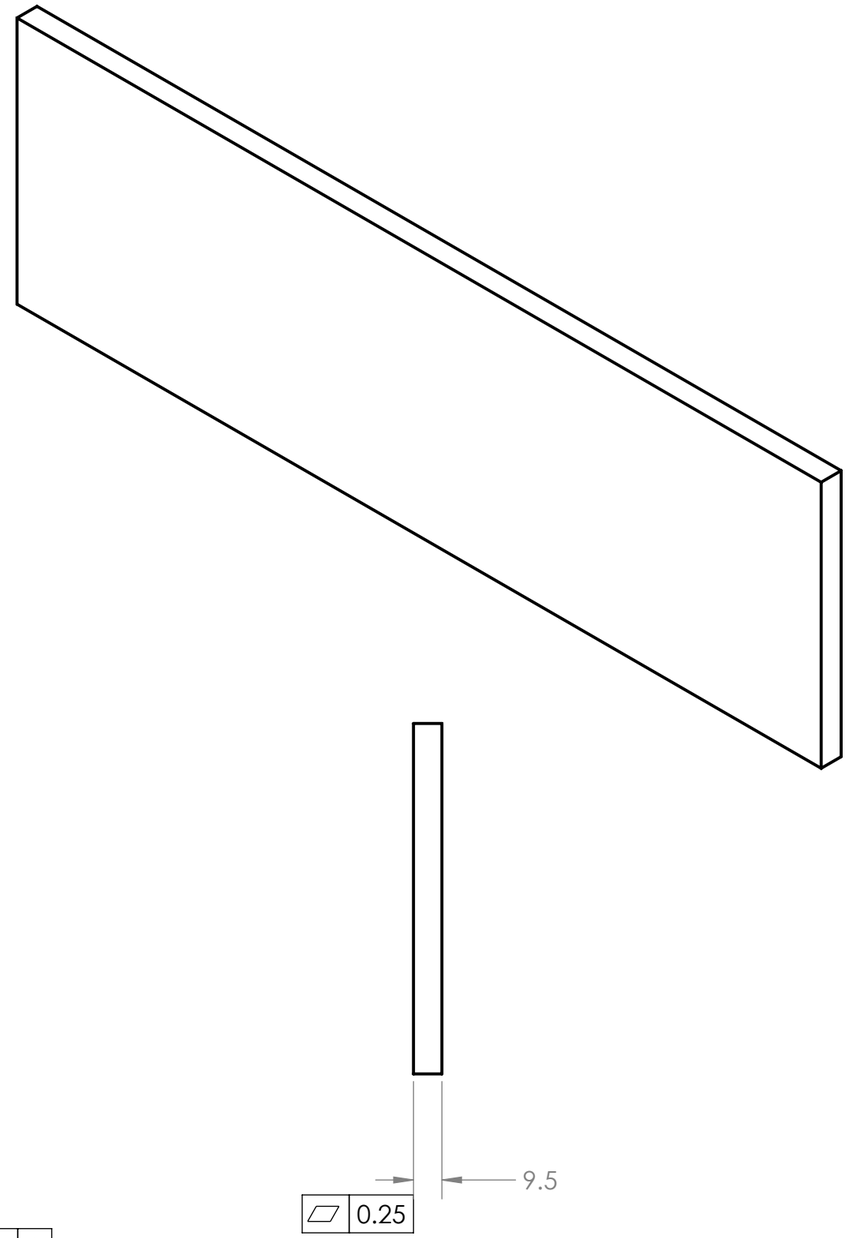






UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MM X.X=±0.5 ANGLES=±1° INSIDE TOOL RADIUS 0.5 MAX BREAK SHARP EDGES 0.1 MAX 63 FAO	INTERPRET DRAWING PER ASME Y14.5 2009	CAL POLY SAN LUIS OBISPO	MATERIAL: Plywood	PART #: 140000	TITLE: shelf plate		
		DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 1:4	REV B	SIZE B





UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MM
X.X=±0.5
ANGLES=±1°
INSIDE TOOL RADIUS 0.5 MAX
BREAK SHARP EDGES 0.1 MAX
63 FAO

INTERPRET DRAWING PER ASME Y14.5 2009

CAL POLY SAN LUIS OBISPO

MATERIAL: Plywood	PART #: 150000	TITLE: shelf wall			
DATE: 2/4/2026	DRAWN BY: Antony Chen	SHEET 1 OF 1	SCALE: 1:2	REV B	SIZE B