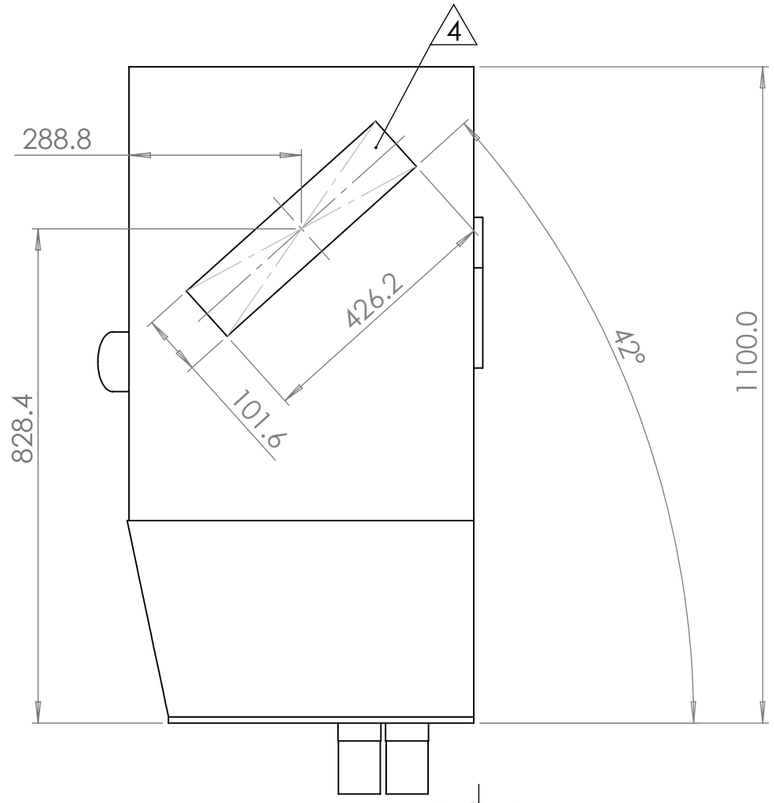
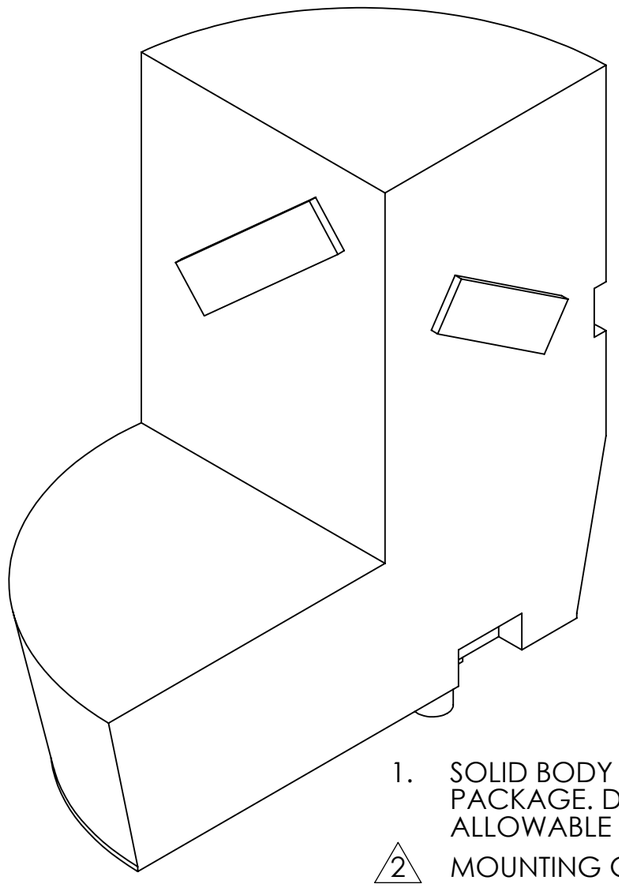
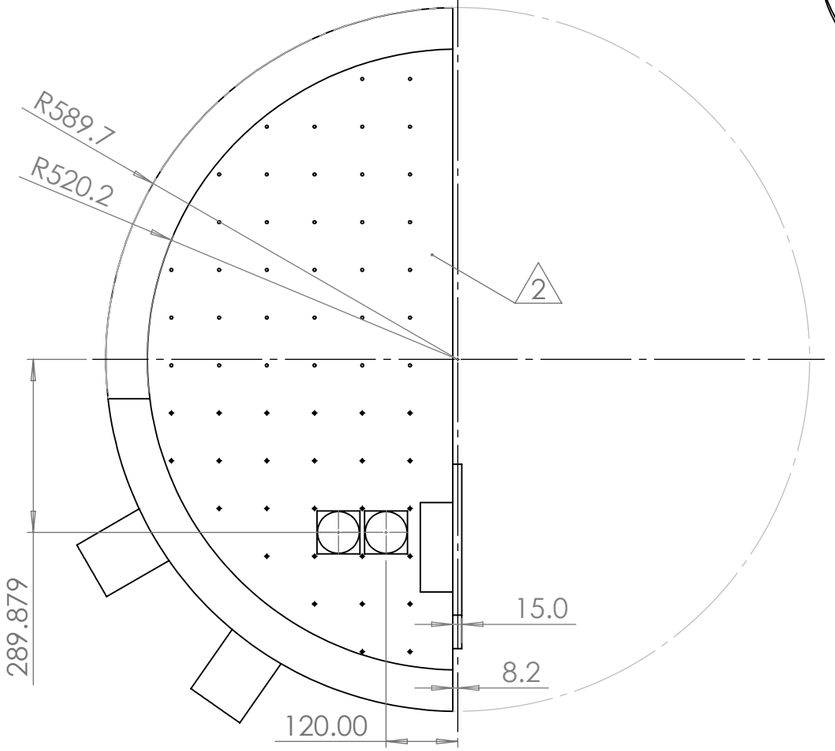
REVISIONS				
REV.	DESCRIPTION	DATE	REV. BY	
A	INITIAL RELEASE	XX/XX/20XX	ASM	







1. SOLID BODY REPRESENTS GEOMETRIC ENVELOPE AVAILABLE FOR INSTRUMENT PACKAGE. DIMENSIONS TO ENVELOPE EXTREMETIES REPRESENT MAXIMUM ALLOWABLE EXTENTS OF INSTRUMENT PACKAGE.
2. MOUNTING GRID PATTERN OF 80 X 80 ON FWD (+Z) SURFACE OF INSTRUMENT PACKAGE WITH UNF 1/4-28 THREADED HOLES PROVIDED BY HIGHER ASSEMBLY ON MATING SURFACE.
3. ALTERNATE WINDOWS FOR LIGHT ENTRY
4. ADDITIONAL MOUNTING POINTS MAY TAKE ADVANTAGE OF GREATER SUPPORT STRUCTURE.
5. THERMAL AND ELECTRICAL FEEDTHROUGH PORTS.
6. STRONG PREFERENCE TO CONFINE GEOMETRY TO THIS QUADRANT.
7. OPTIONAL ADDITIONAL FEEDTHROUGHS FOR THERMAL AND/OR ELECTRICAL CONNECTIONS. HARNESS/STRAPPING ATTACHES TO ⌀1220 CYLINDER.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES:

ONE PLACE DECIMAL ± 0.1
TWO PLACE DECIMAL ± 0.050
THREE PLACE DECIMAL ± 0.010

ANGULAR: ±1°

SURFACE FINISH 125 UNLESS NOTED

INTERPRET GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

REMOVE ALL BURRS AND SHARP EDGES .005-.015

PART NUMBER	NEXT HIGHER ASSY	MATERIAL:

	DATE	NAME
DRAWN	XX/XX/20XX	ASM
ENG APPR.	XX/XX/20XX	[NAME]
CHECKED	XX/XX/20XX	[NAME]

Nonproprietary fundamental research prototype design for open publication.

THE UNIVERSITY OF ARIZONA COLLEGE OF SCIENCE
Astronomy & Steward Observatory
UNIVERSITY OF ARIZONA STEWARD OBSERVATORY
TUCSON, AZ 85721
Ph: (520) 621-2288

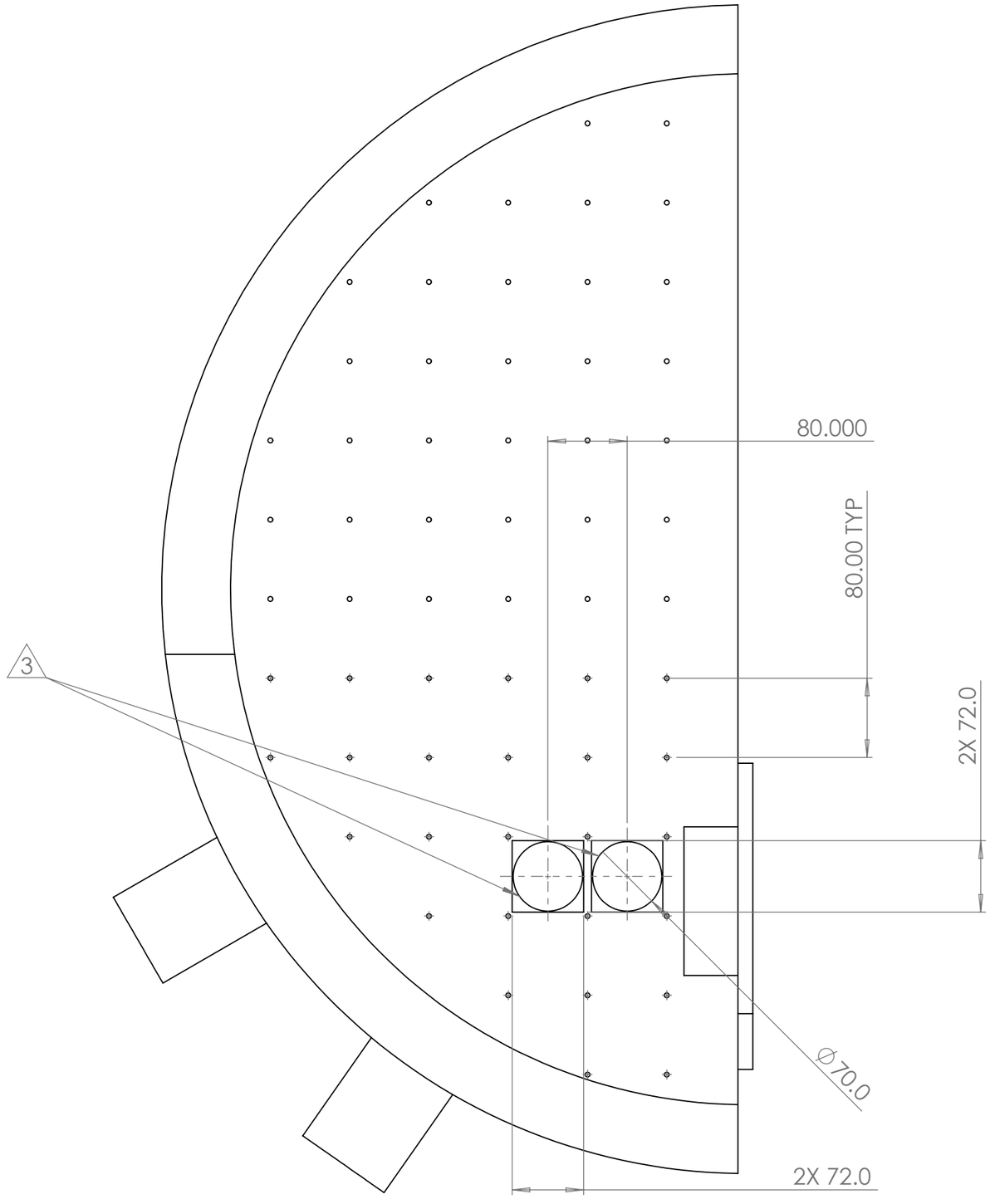
TITLE:

ICD, IR SPECTROGRAPH

SIZE	DWG. NO.	REV
B	INST-0302	A

SCALE: 1:10 | WEIGHT: 100KG MAX | SHEET 1 OF 4

Thursday, March 28, 2024



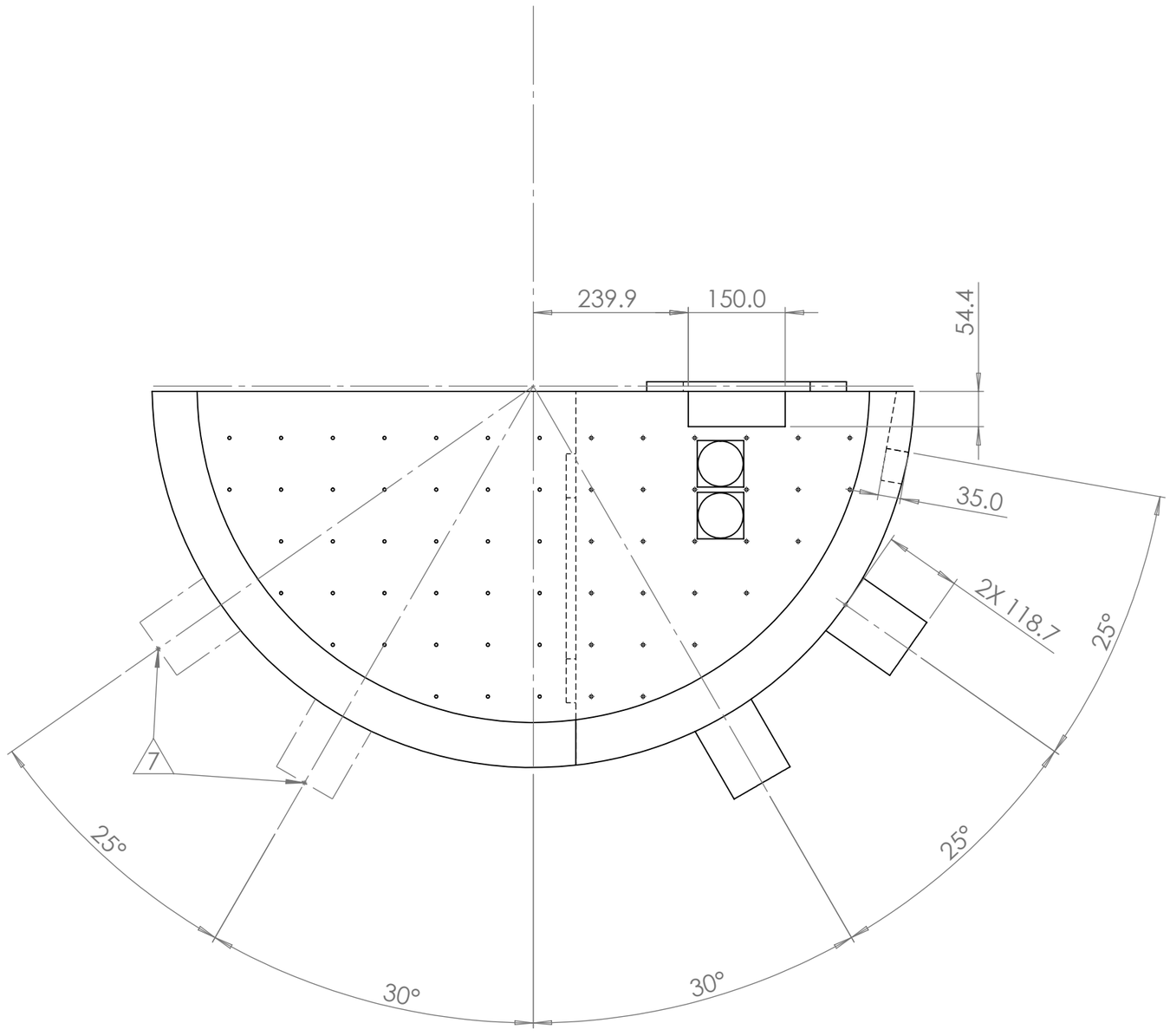
SCALE: 1:5

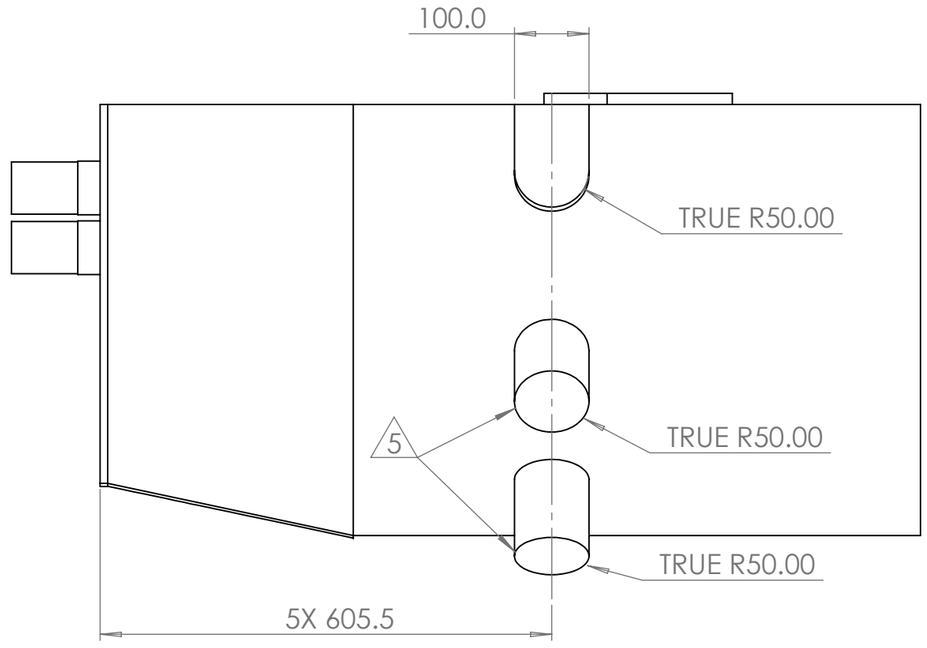
Nonproprietary fundamental research prototype design for open publication.

SIZE	DWG. NO.	REV
B	INST-0302	A

SCALE: 1:8 | WEIGHT: 100KG MAX | SHEET 2 OF 4

Thursday, March 28, 2024



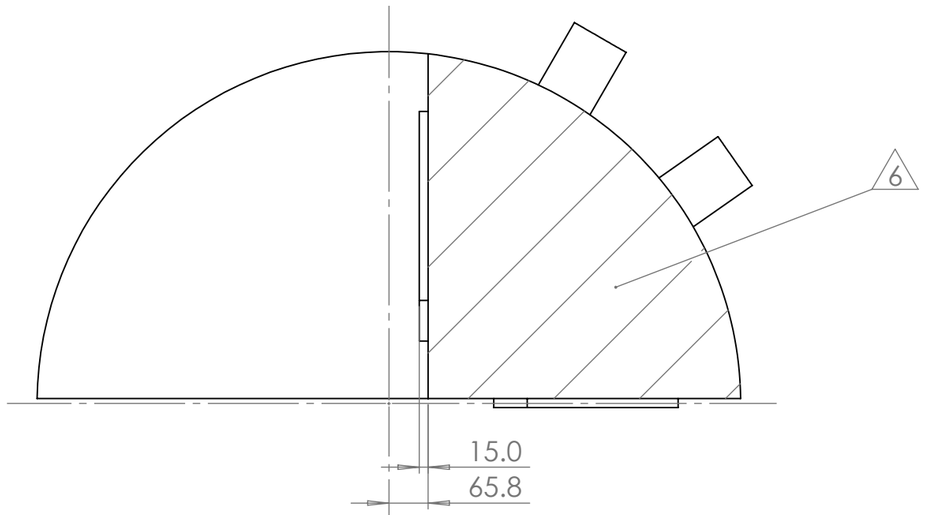


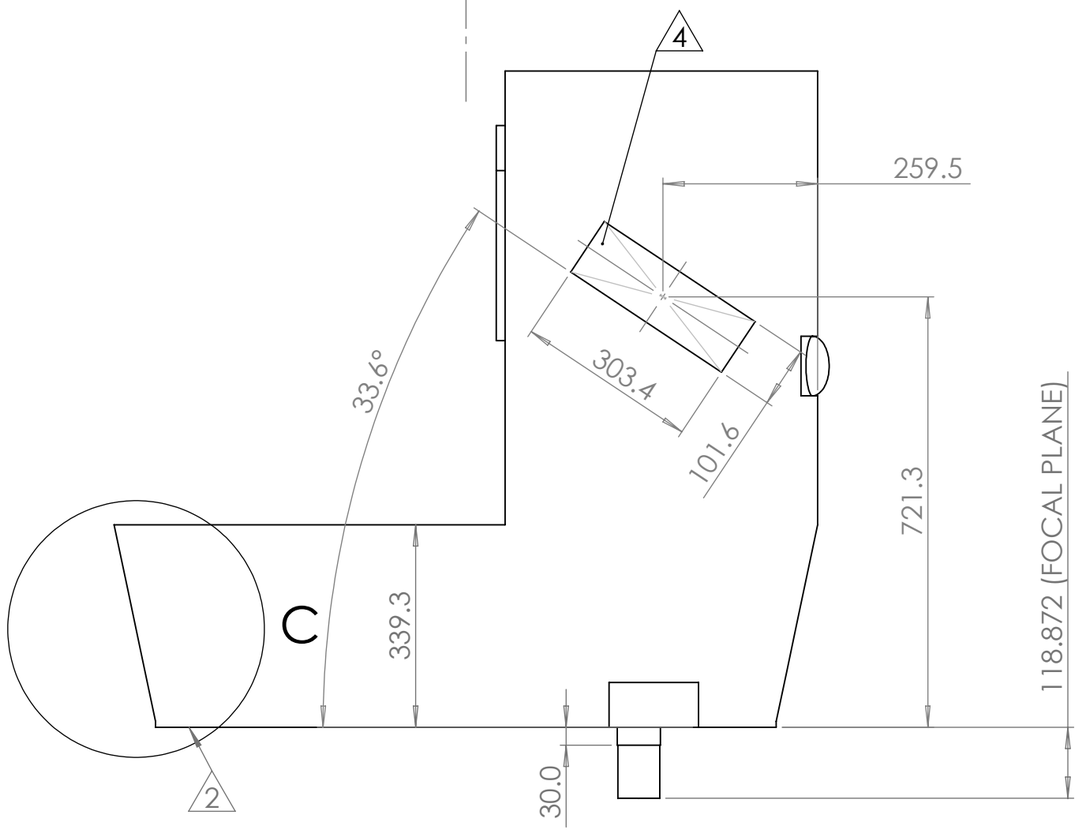
Nonproprietary fundamental research prototype design for open publication.

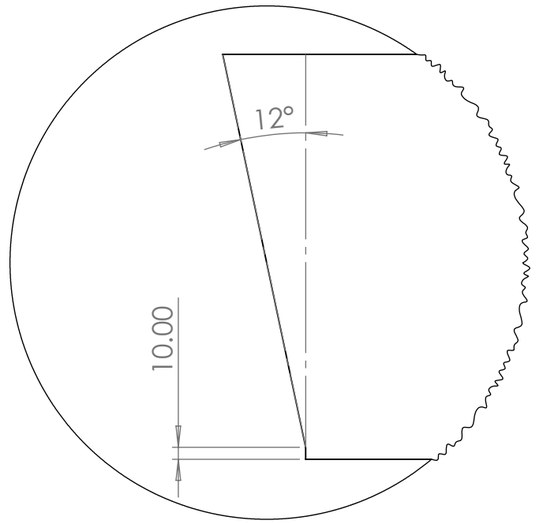
SIZE	DWG. NO.	REV
B	INST-0302	A

SCALE: 1:8	WEIGHT: 100KG MAX	SHEET 3 OF 4

Thursday, March 28, 2024







DETAIL C

SCALE 1 : 5

Nonproprietary fundamental research prototype design for open publication.	SIZE B	DWG. NO. INST-0302	REV A
	SCALE: 1:8	WEIGHT: 100KG MAX	SHEET 4 OF 4

Thursday, March 28, 2024